

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087196.D
 Acq On : 26 Jun 2025 15:31
 Operator : JC\MD
 Sample : VN0626WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Quant Time: Jun 27 01:27:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	150958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108958	53.909	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.820%			
35) Dibromofluoromethane	8.177	113	88514	54.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.820%			
50) Toluene-d8	10.565	98	316764	49.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.847	95	121603	50.820	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	30209	20.070	ug/l	95
3) Chloromethane	2.395	50	29935	15.402	ug/l	92
4) Vinyl Chloride	2.553	62	32048	15.984	ug/l	99
5) Bromomethane	3.001	94	16573	14.771	ug/l	95
6) Chloroethane	3.159	64	17868	13.797	ug/l	90
7) Trichlorofluoromethane	3.530	101	35123	13.408	ug/l	94
8) Diethyl Ether	3.983	74	12768	11.187	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	22939	13.938	ug/l	96
10) Methyl Iodide	4.612	142	13222	6.197	ug/l #	95
11) Tert butyl alcohol	5.536	59	31523	57.479	ug/l	98
12) 1,1-Dichloroethene	4.377	96	21127	12.574	ug/l	89
13) Acrolein	4.200	56	9960	57.375	ug/l	99
14) Allyl chloride	5.047	41	29117	10.449	ug/l #	81
15) Acrylonitrile	5.736	53	78293	61.078	ug/l	97
16) Acetone	4.447	43	62549	58.357	ug/l	96
17) Carbon Disulfide	4.742	76	56629	12.185	ug/l	99
18) Methyl Acetate	5.047	43	36585	11.713	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	81998	13.478	ug/l	98
20) Methylene Chloride	5.300	84	26302	13.107	ug/l	94
21) trans-1,2-Dichloroethene	5.812	96	25221	13.492	ug/l	91
22) Diisopropyl ether	6.683	45	86703	14.761	ug/l	92
23) Vinyl Acetate	6.618	43	379436	76.458	ug/l	98
24) 1,1-Dichloroethane	6.589	63	51104	15.118	ug/l	98
25) 2-Butanone	7.494	43	165236	94.841	ug/l	98
26) 2,2-Dichloropropane	7.506	77	58884	22.394	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	43762	19.575	ug/l	97
28) Bromochloromethane	7.824	49	36972	22.246	ug/l	96
29) Tetrahydrofuran	7.853	42	112438	99.069	ug/l	97
30) Chloroform	7.977	83	70272	20.817	ug/l	96
31) Cyclohexane	8.265	56	60213	18.368	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	60659	21.127	ug/l	94
36) 1,1-Dichloropropene	8.377	75	48984	20.206	ug/l	99
37) Ethyl Acetate	7.571	43	67259	21.795	ug/l	95
38) Carbon Tetrachloride	8.371	117	48720	20.470	ug/l	95
39) Methylcyclohexane	9.600	83	55688	16.767	ug/l	97
40) Benzene	8.612	78	161260	20.342	ug/l	100

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Quant Time: Jun 27 01:27:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	34360	19.825	ug/l	95
42) 1,2-Dichloroethane	8.677	62	53628	22.304	ug/l	98
43) Isopropyl Acetate	8.694	43	100598	20.310	ug/l	98
44) Trichloroethene	9.359	130	36637	19.491	ug/l	99
45) 1,2-Dichloropropane	9.624	63	40544	21.023	ug/l	98
46) Dibromomethane	9.712	93	27326	21.332	ug/l	98
47) Bromodichloromethane	9.888	83	55860	21.194	ug/l	97
48) Methyl methacrylate	9.682	41	45036	19.755	ug/l	96
49) 1,4-Dioxane	9.700	88	13786	332.406	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	312659	104.855	ug/l	97
52) Toluene	10.629	92	97233	20.071	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59382	20.149	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	64437	20.434	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	38328	20.561	ug/l	95
56) Ethyl methacrylate	10.882	69	57905	19.503	ug/l	98
57) 1,3-Dichloropropane	11.165	76	66981	20.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	160523	90.645	ug/l	98
59) 2-Hexanone	11.212	43	180129	93.784	ug/l	96
60) Dibromochloromethane	11.359	129	39485	20.330	ug/l	97
61) 1,2-Dibromoethane	11.471	107	38783	20.298	ug/l	99
64) Tetrachloroethene	11.100	164	28818	18.275	ug/l	95
65) Chlorobenzene	11.888	112	108678	19.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35614	20.161	ug/l	97
67) Ethyl Benzene	11.965	91	181373	19.161	ug/l	95
68) m/p-Xylenes	12.070	106	139349	38.457	ug/l	99
69) o-Xylene	12.394	106	65657	18.919	ug/l	99
70) Styrene	12.412	104	113721	19.150	ug/l	99
71) Bromoform	12.576	173	27079	20.689	ug/l #	97
73) Isopropylbenzene	12.694	105	170175	18.073	ug/l	99
74) N-amyl acetate	12.541	43	60050m	18.250	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	63935	20.043	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	53397m	17.380	ug/l	
77) Bromobenzene	12.976	156	40801	18.895	ug/l	97
78) n-propylbenzene	13.035	91	210500	18.396	ug/l	99
79) 2-Chlorotoluene	13.123	91	123587	18.009	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	141237	18.168	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	23294	17.453	ug/l	95
82) 4-Chlorotoluene	13.223	91	130155	18.745	ug/l	100
83) tert-Butylbenzene	13.435	119	119492	16.792	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	139910	17.948	ug/l	100
85) sec-Butylbenzene	13.612	105	174520	16.888	ug/l	99
86) p-Isopropyltoluene	13.723	119	142797	16.716	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	80953	19.054	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82991	19.160	ug/l	98
89) n-Butylbenzene	14.053	91	134628	16.270	ug/l	97
90) Hexachloroethane	14.329	117	26802	18.510	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	76972	18.857	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14378	18.847	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	43140	16.551	ug/l	99
94) Hexachlorobutadiene	15.500	225	13643	14.049	ug/l	99
95) Naphthalene	15.641	128	157159	16.199	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	42036	16.232	ug/l	100

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ClientSampleId :
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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 01:27:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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Supervised By :Mahesh Dadoda 06/27/2025

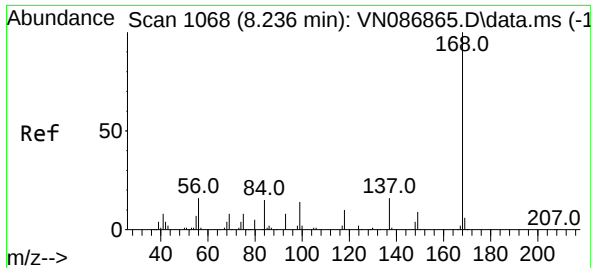
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Abundance

Time-->

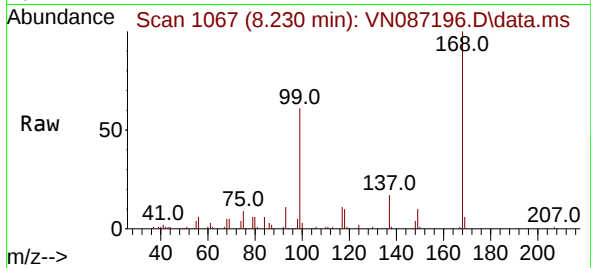
Compounds identified (from left to right):

- Dichlorodifluoromethane,T
- Chloromethane,P
- Vinyl Chloride,C
- Bromomethane,T
- Chloroethane,T
- Trichlorofluoromethane,T
- Diethyl Ether,T
- Acrolein,T
- Methyl iodide,T
- Carbon Disulfide,T
- Methylene Chloride,T
- Tert butyl alcohol,T
- Acrylonitrile,T
- Vinyl acetate,T
- Vinyl chloride,T
- Ethyl acetate,T
- Methacrylonitrile,T
- Chloroform,C
- Cyclohexane,T
- Dibromochloromethane,T
- Benzene,I
- 1,2-Dichloropropane,T
- 1,2-Dibromoethane,I
- 1,4-Difluorobenzene,I
- Trichloroethene,TM
- Dibromodichloromethane,T
- Bromodichloromethane,T
- cis-1,3-Dichloropropene,T
- Ethyl methyl ether,T
- 1,2-Dichloroethane,T
- 1,2-Dibromopropane,T
- Hexanone,T
- 1,2-Dibromoethane,I
- Chlorobenzene,TM
- Ethyl benzene,T
- Isopropylbenzene,T
- 4-Bromofluorobenzene,S
- 1,2,4-Trichlorobenzene,T
- 1,3,5-Trimethylbenzene,T
- tert-Butylbenzene,T
- sec-Butylbenzene,T
- 1,4-Dichlorobenzene,I
- n-Isopropylbenzene,T
- p-Butylbenzene,T
- 1,2-Dichlorobenzene,T
- Th-Butylbenzene,T
- Hexachloroethane,T
- 1,2-Dibromo-3-Chloropropane,T
- 1,2,4-Trichlorobenzene,T
- Hexachlorobutadiene,T
- Naphthalene,T
- 1,2,3-Trichlorobenzene,T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087196.D
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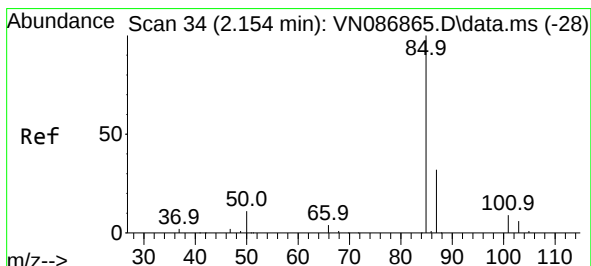
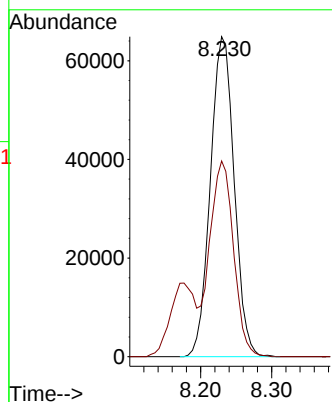
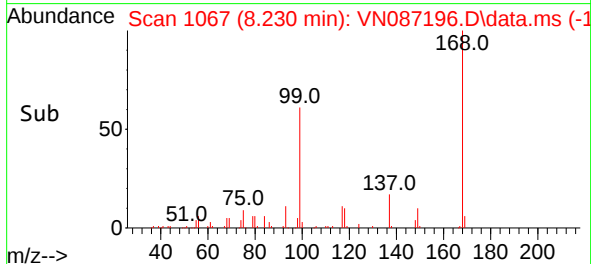
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



Tgt Ion:168 Resp: 150958
Ion Ratio Lower Upper
168 100
99 61.2 49.1 73.7

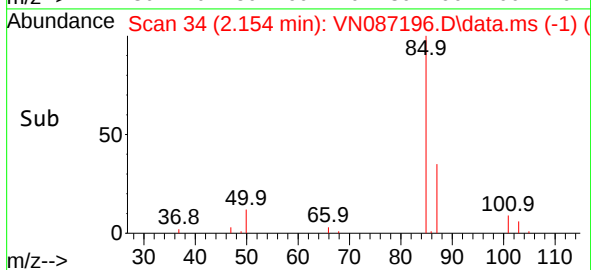
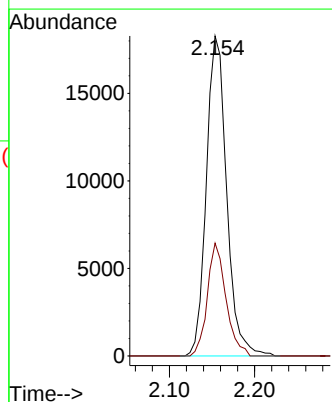
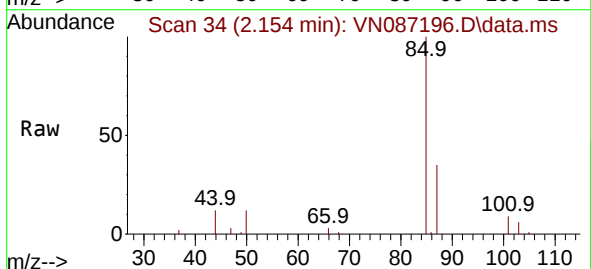
Manual Integrations
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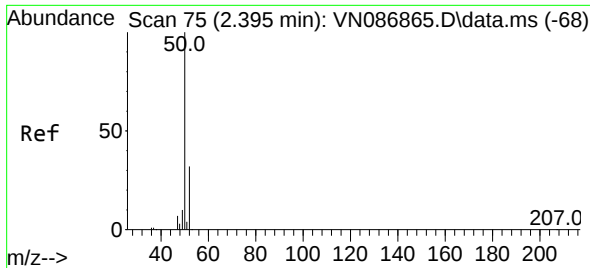
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#2
Dichlorodifluoromethane
Concen: 20.070 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

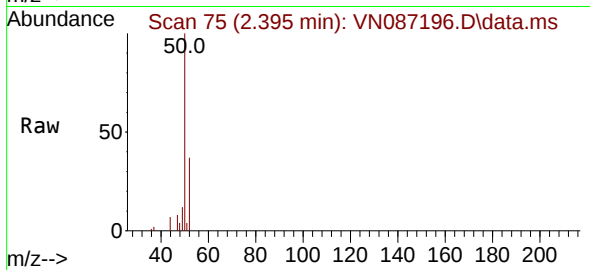
Tgt Ion: 85 Resp: 30209
Ion Ratio Lower Upper
85 100
87 35.2 16.2 48.6





#3
Chloromethane
Concen: 15.402 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

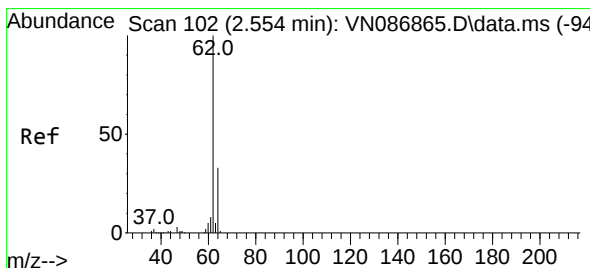
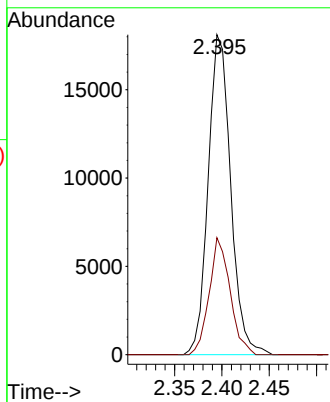
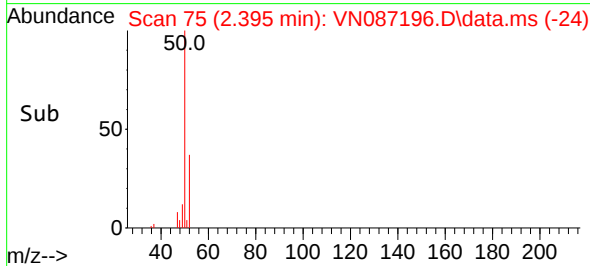
Instrument :
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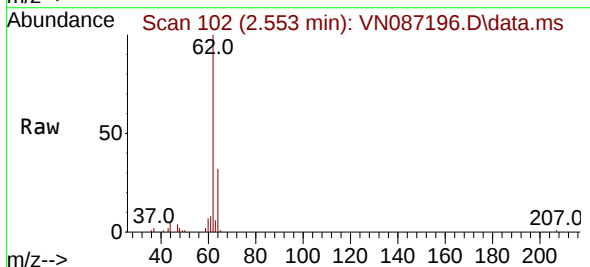
Tgt Ion: 50 Resp: 2993
Ion Ratio Lower Upper
50 100
52 36.5 25.7 38.5

Manual Integrations
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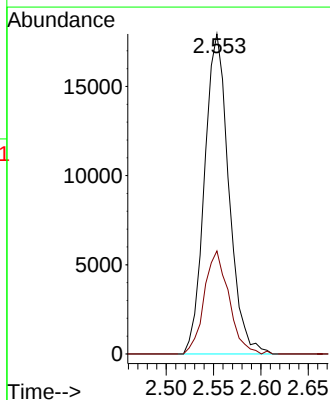
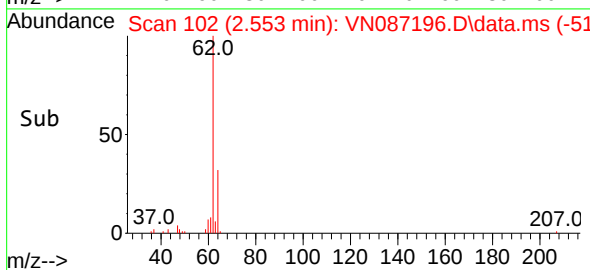
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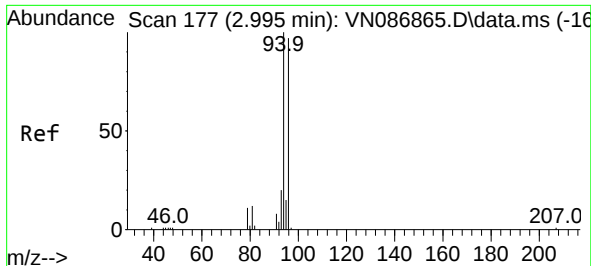


#4
Vinyl Chloride
Concen: 15.984 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



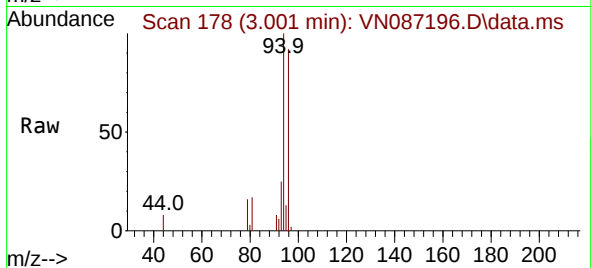
Tgt Ion: 62 Resp: 32048
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5
Bromomethane
Concen: 14.771 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087196.D
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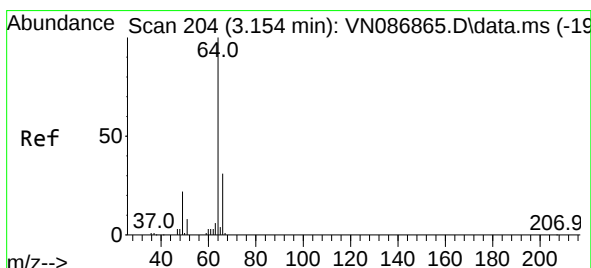
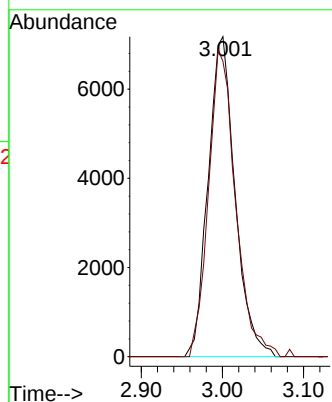
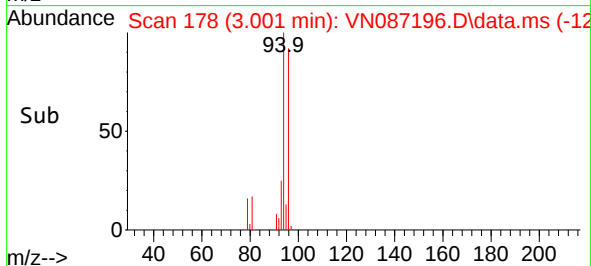
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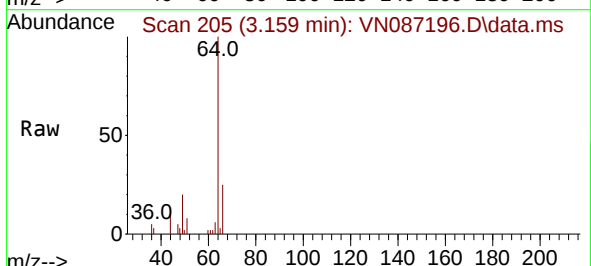
Tgt Ion: 94 Resp: 1657
Ion Ratio Lower Upper
94 100
96 92.3 77.9 116.9

Manual Integrations
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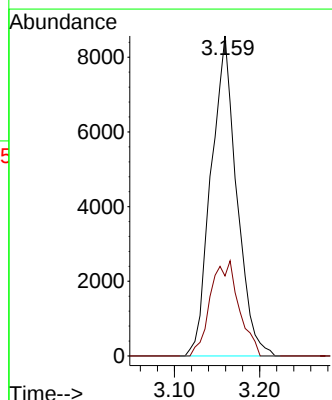
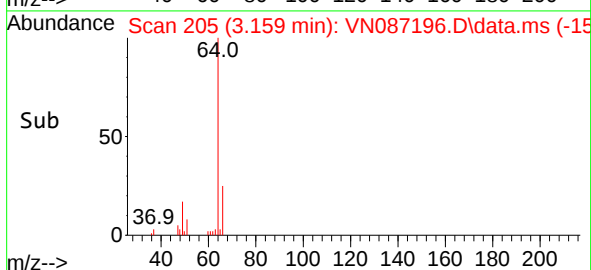
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

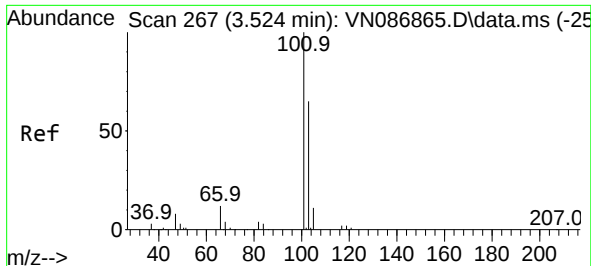


#6
Chloroethane
Concen: 13.797 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



Tgt Ion: 64 Resp: 17868
Ion Ratio Lower Upper
64 100
66 25.0 24.6 36.8





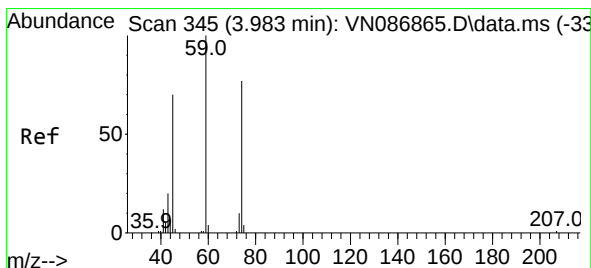
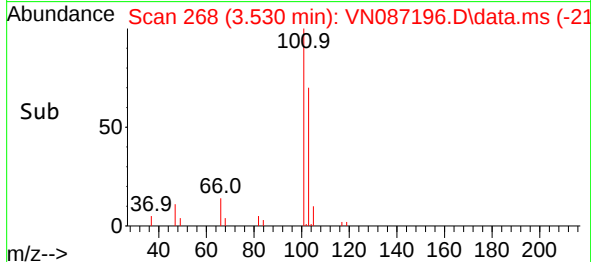
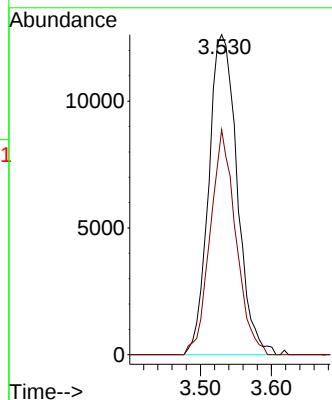
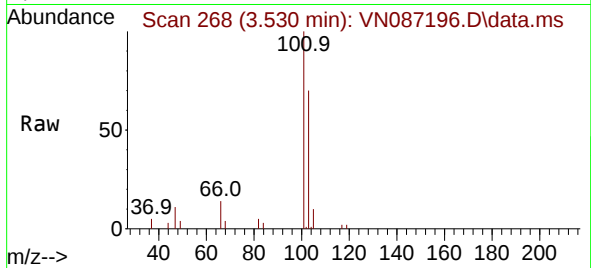
#7
Trichlorofluoromethane
Concen: 13.408 ug/l
RT: 3.530 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion:101 Resp: 3512
Ion Ratio Lower Upper
101 100
103 70.3 52.2 78.2

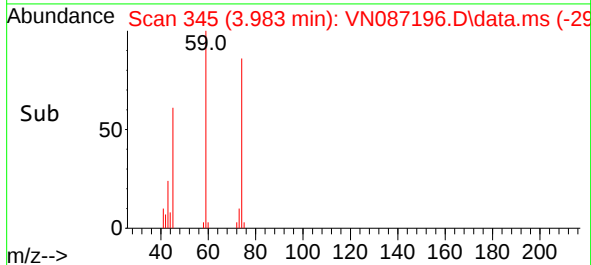
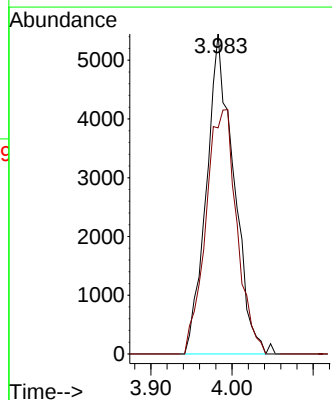
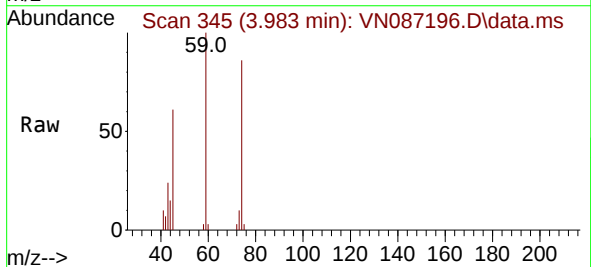
Manual Integrations
APPROVED

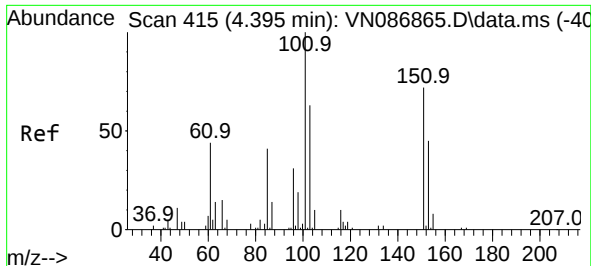
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#8
Diethyl Ether
Concen: 11.187 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion: 74 Resp: 12768
Ion Ratio Lower Upper
74 100
45 86.5 45.5 136.5





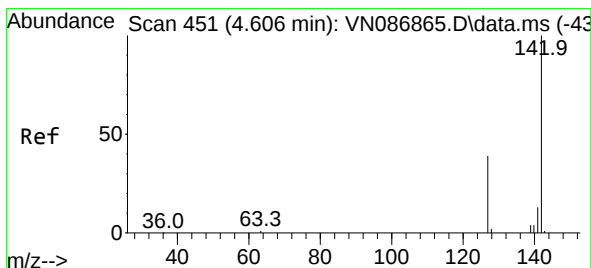
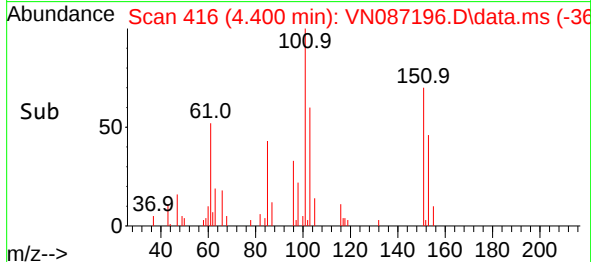
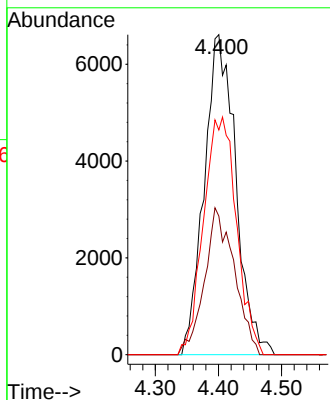
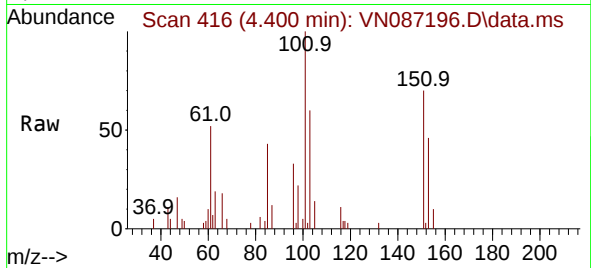
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.938 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion:101 Resp: 22939
Ion Ratio Lower Upper
101 100
85 43.5 33.8 50.8
151 77.6 58.7 88.1

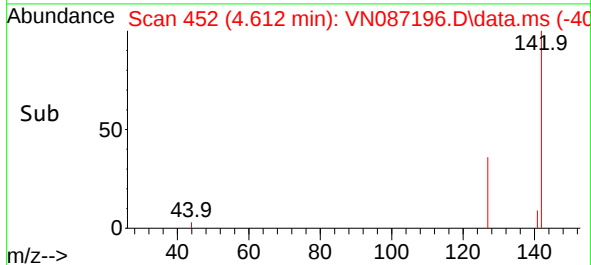
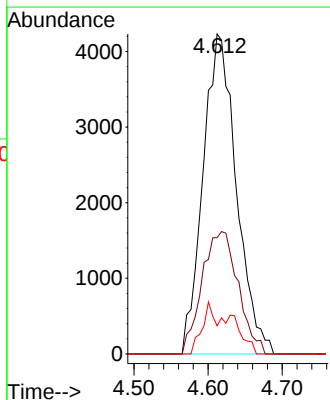
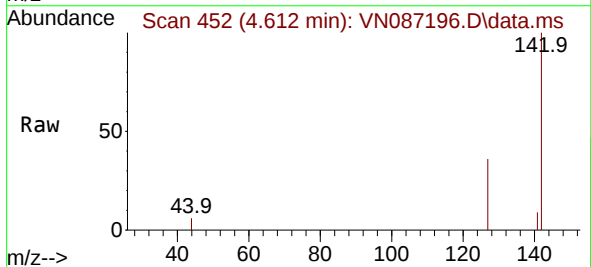
Manual Integrations
APPROVED

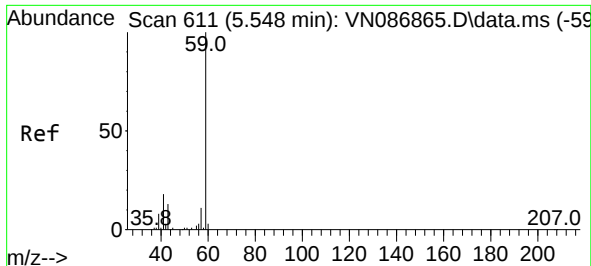
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#10
Methyl Iodide
Concen: 6.197 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

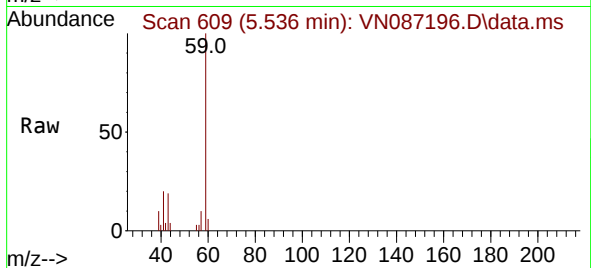
Tgt Ion:142 Resp: 13222
Ion Ratio Lower Upper
142 100
127 36.3 30.9 46.3
141 8.8 10.4 15.6#





#11
Tert butyl alcohol
Concen: 57.479 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

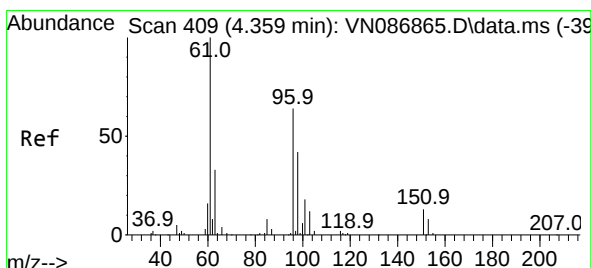
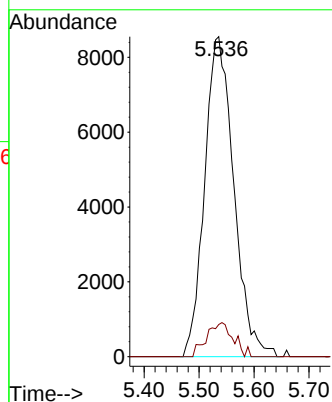
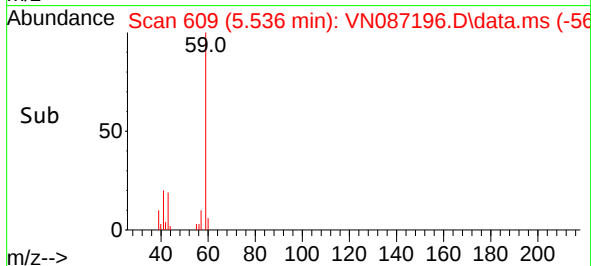
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



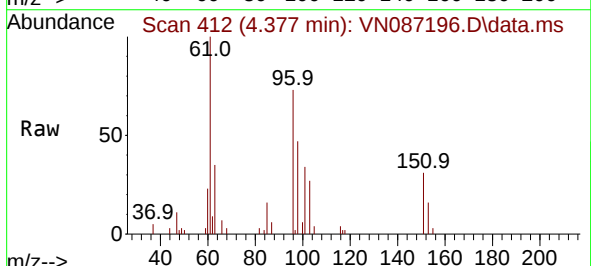
Tgt Ion: 59 Resp: 3152
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

Manual Integrations
APPROVED

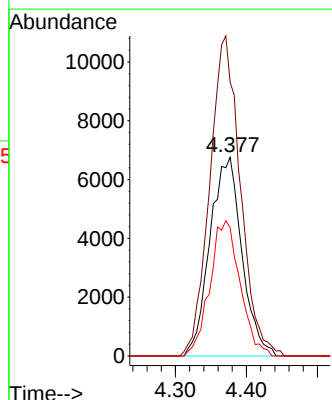
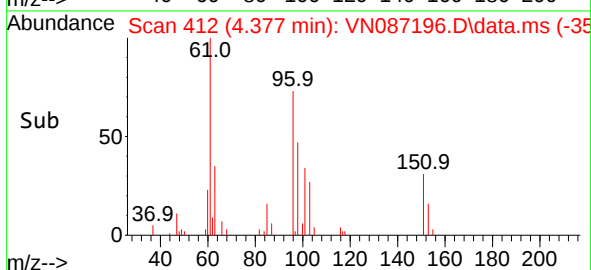
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

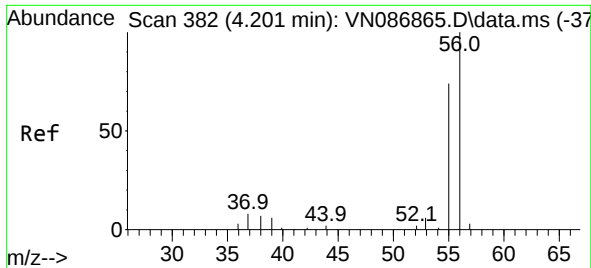


#12
1,1-Dichloroethene
Concen: 12.574 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.018 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



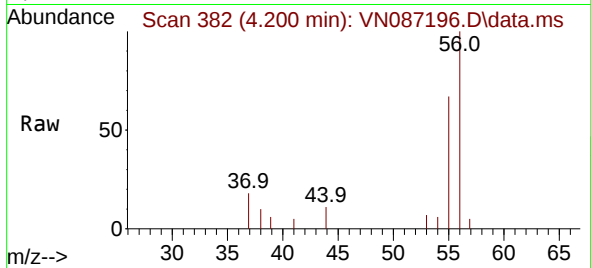
Tgt Ion: 96 Resp: 21127
Ion Ratio Lower Upper
96 100
61 137.9 125.8 188.6
98 64.6 52.5 78.7





#13
Acrolein
Concen: 57.375 ug/l
RT: 4.200 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

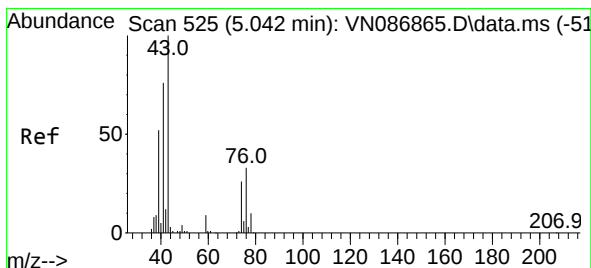
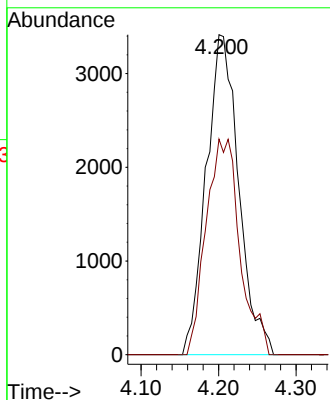
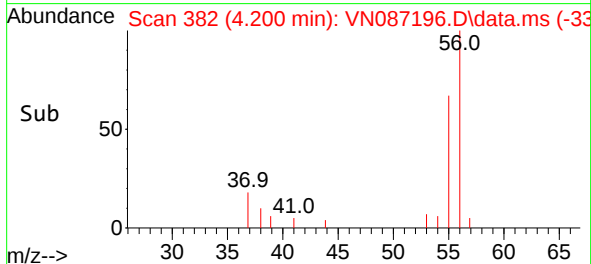
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



Tgt Ion: 56 Resp: 9960
Ion Ratio Lower Upper
56 100
55 70.1 55.6 83.4

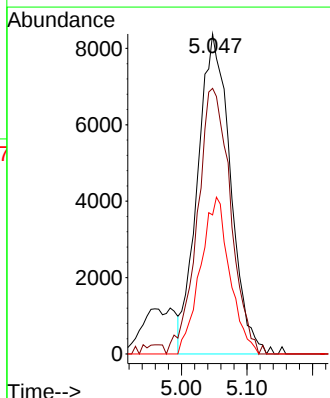
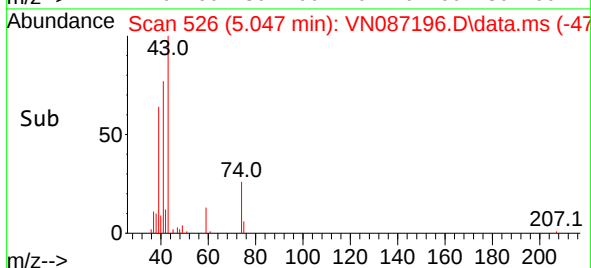
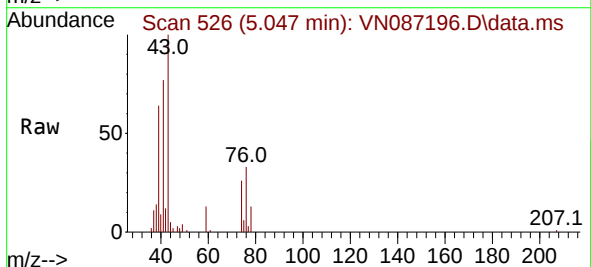
Manual Integrations
APPROVED

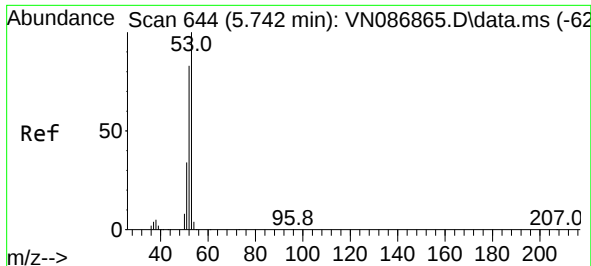
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#14
Allyl chloride
Concen: 10.449 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

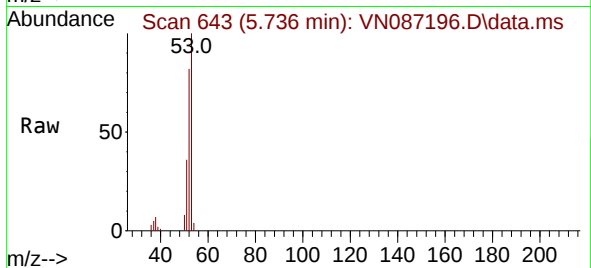
Tgt Ion: 41 Resp: 29117
Ion Ratio Lower Upper
41 100
39 83.8 51.3 76.9#
76 43.9 31.4 47.0





#15
Acrylonitrile
Concen: 61.078 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

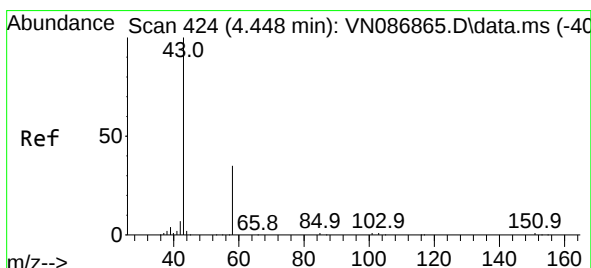
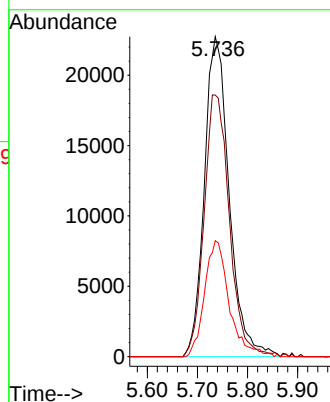
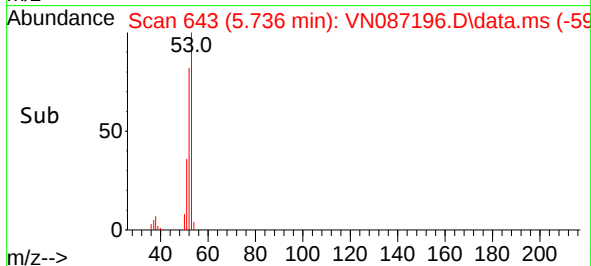
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



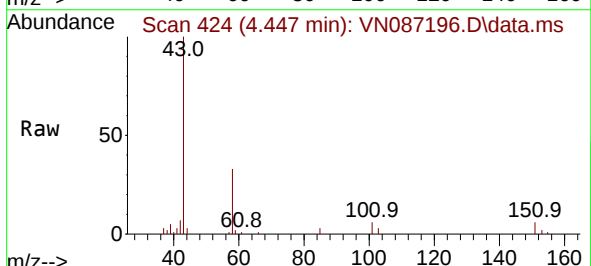
Tgt Ion: 53 Resp: 7829
Ion Ratio Lower Upper
53 100
52 83.2 65.0 97.6
51 36.0 27.2 40.8

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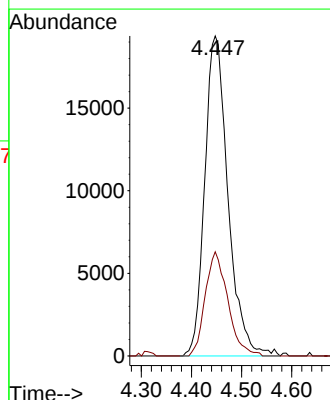
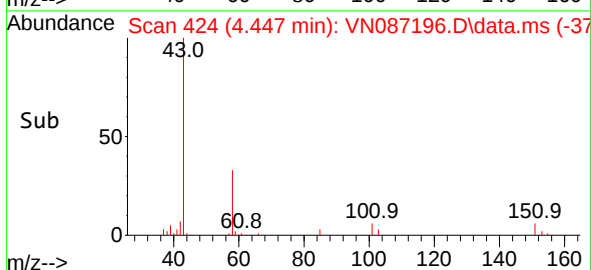
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

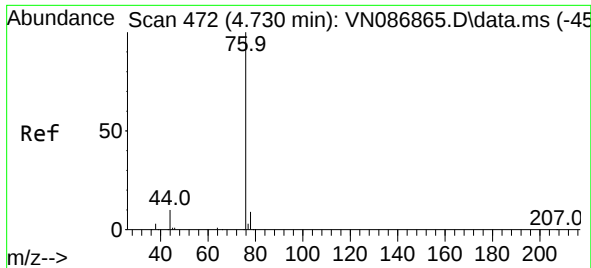


#16
Acetone
Concen: 58.357 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



Tgt Ion: 43 Resp: 62549
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0





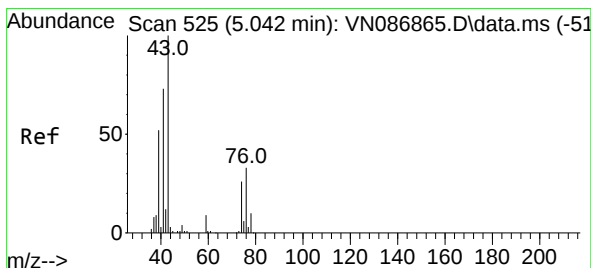
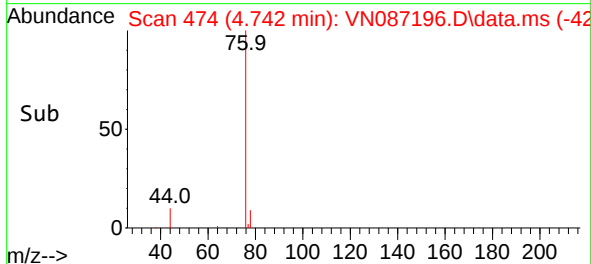
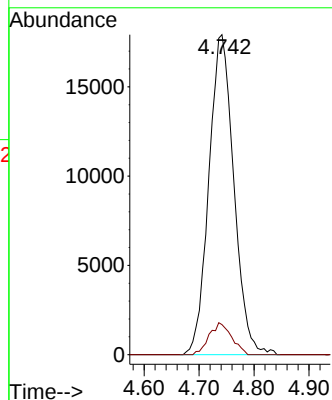
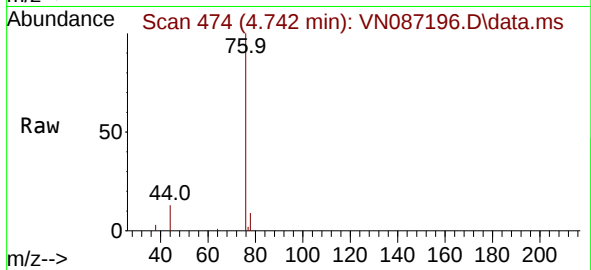
#17
Carbon Disulfide
Concen: 12.185 ug/l
RT: 4.742 min Scan# 473
Delta R.T. 0.012 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion: 76 Resp: 56629
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

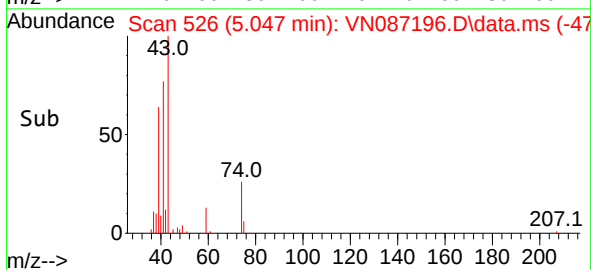
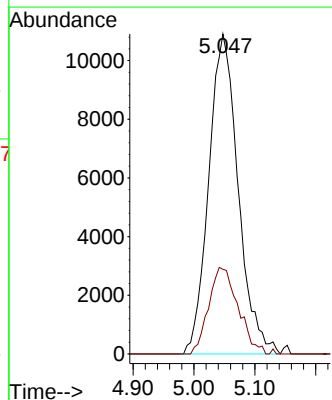
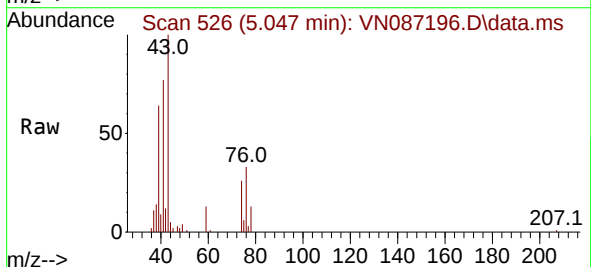
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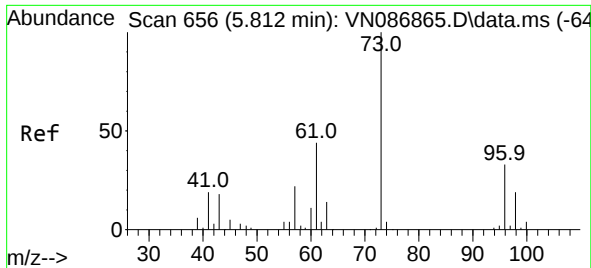
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#18
Methyl Acetate
Concen: 11.713 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion: 43 Resp: 36585
Ion Ratio Lower Upper
43 100
74 27.1 20.7 31.1





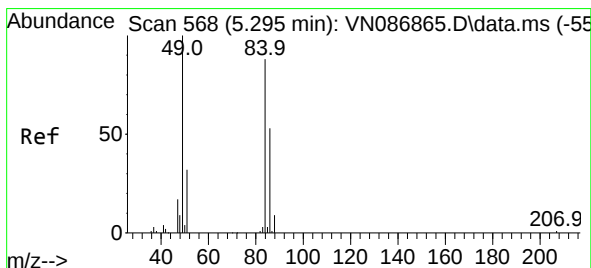
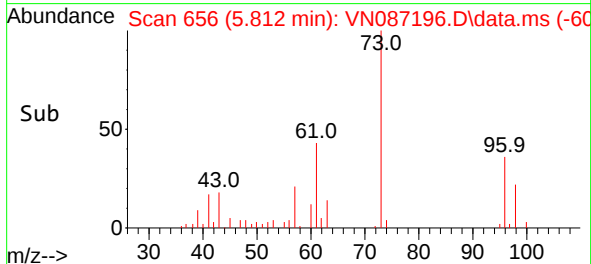
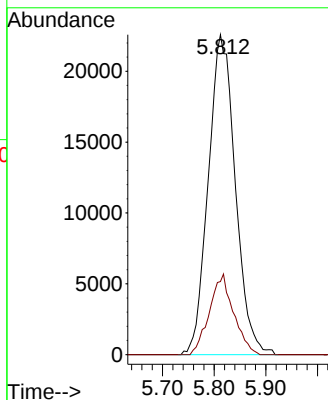
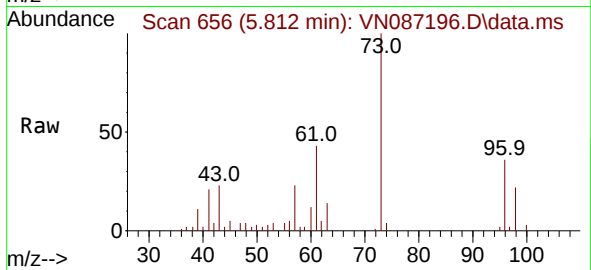
#19
Methyl tert-butyl Ether
Concen: 13.478 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion: 73 Resp: 81998
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2

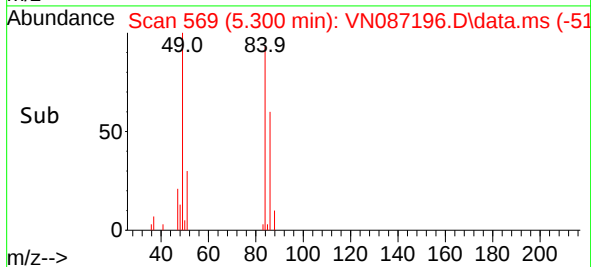
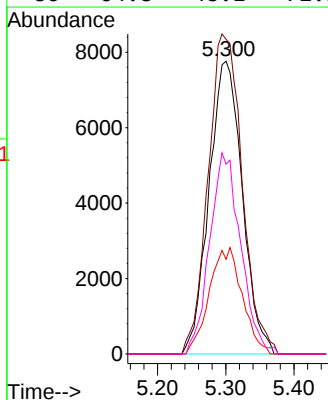
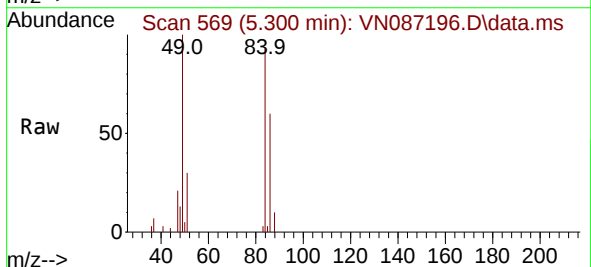
Manual Integrations
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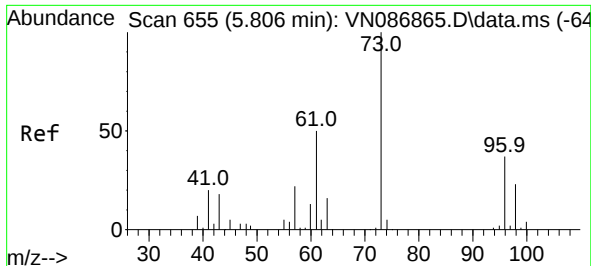
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#20
Methylene Chloride
Concen: 13.107 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion: 84 Resp: 26302
Ion Ratio Lower Upper
84 100
49 107.5 90.5 135.7
51 32.4 28.5 42.7
86 64.8 48.1 72.1





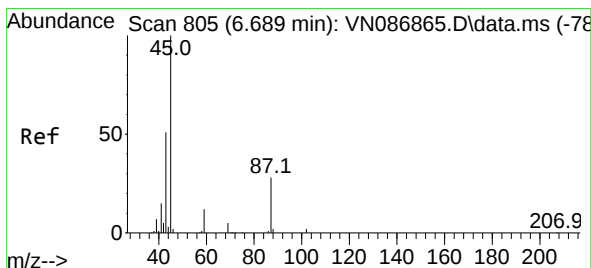
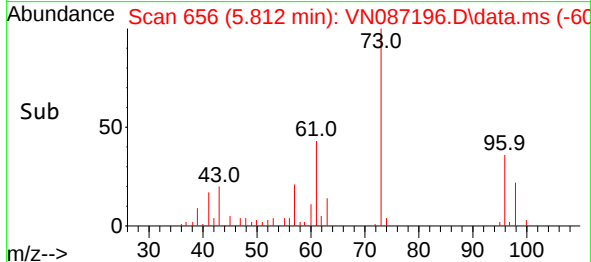
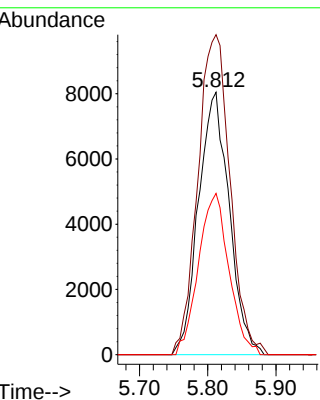
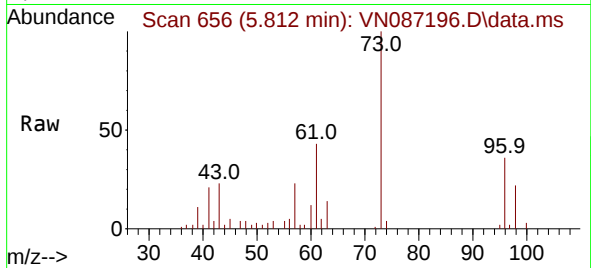
#21
trans-1,2-Dichloroethene
Concen: 13.492 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion: 96 Resp: 2522
Ion Ratio Lower Upper
96 100
61 122.0 109.2 163.8
98 61.5 49.8 74.8

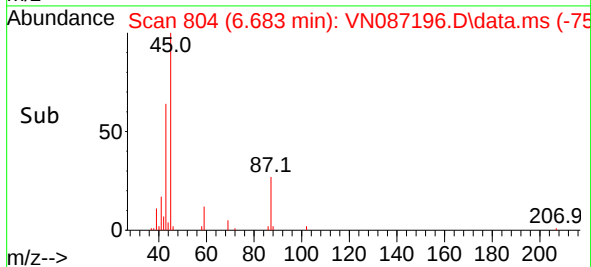
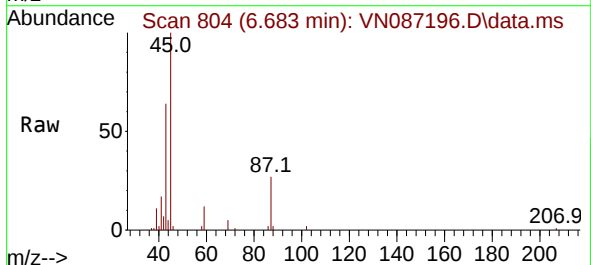
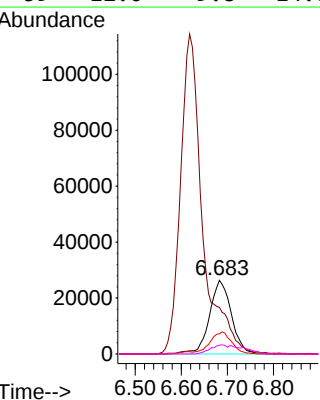
Manual Integrations
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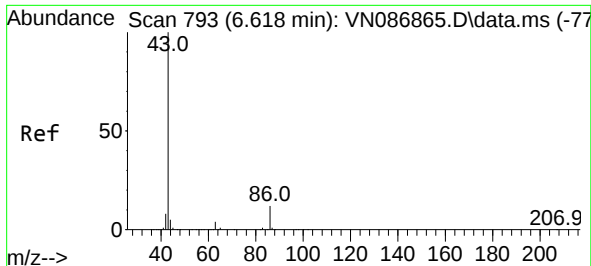
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#22
Diisopropyl ether
Concen: 14.761 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

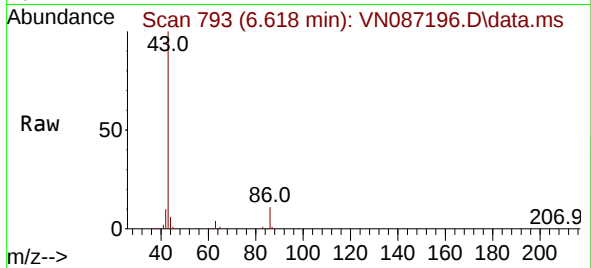
Tgt Ion: 45 Resp: 86703
Ion Ratio Lower Upper
45 100
43 62.4 41.9 62.9
87 27.4 22.4 33.6
59 12.0 9.8 14.6





#23
 Vinyl Acetate
 Concen: 76.458 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087196.D
 Acq: 26 Jun 2025 15:31

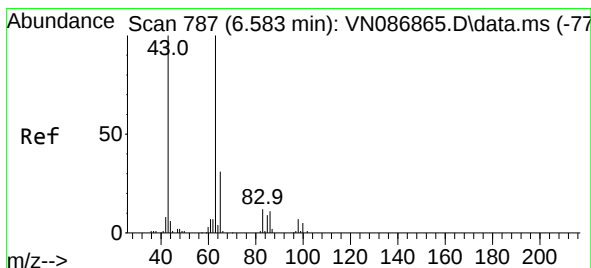
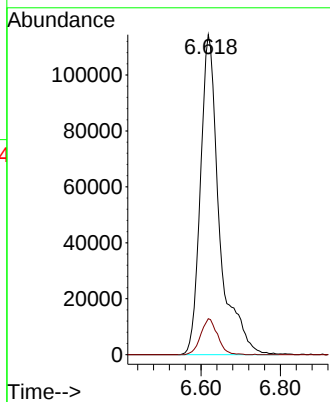
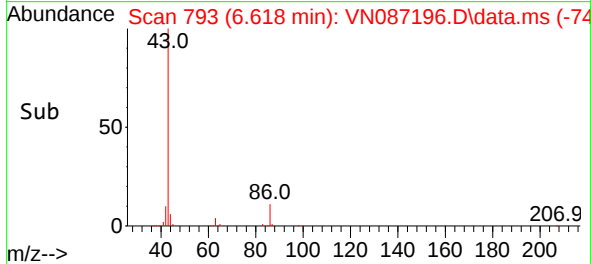
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02



Tgt Ion: 43 Resp: 379430
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.5 14.3

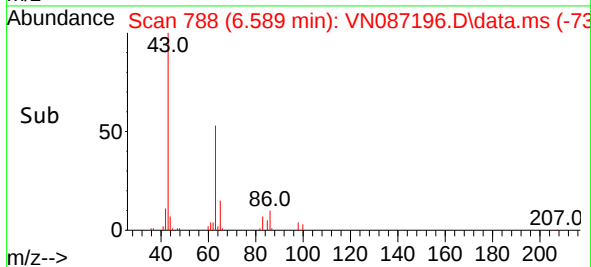
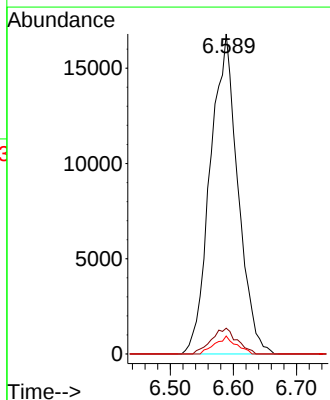
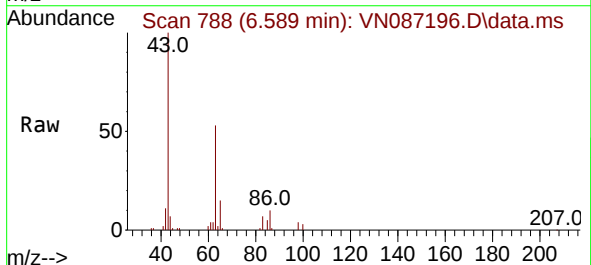
Manual Integrations
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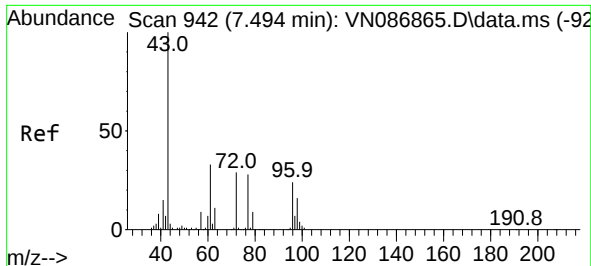
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#24
 1,1-Dichloroethane
 Concen: 15.118 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087196.D
 Acq: 26 Jun 2025 15:31

Tgt Ion: 63 Resp: 51104
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 5.6 2.6 7.8





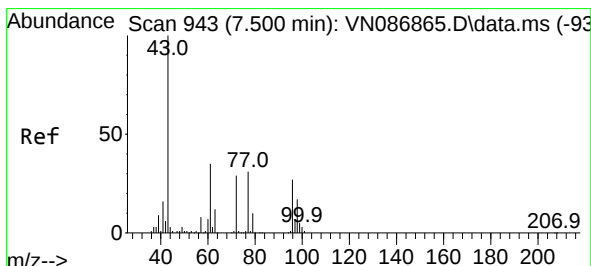
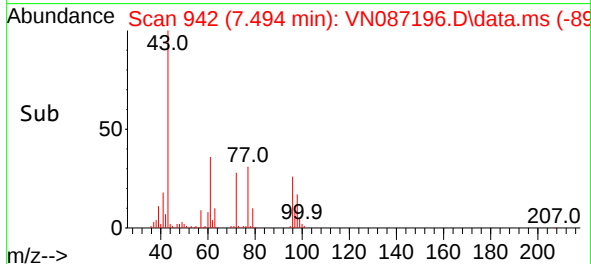
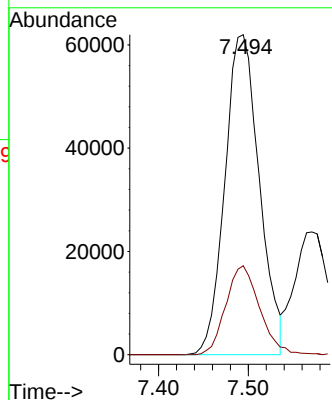
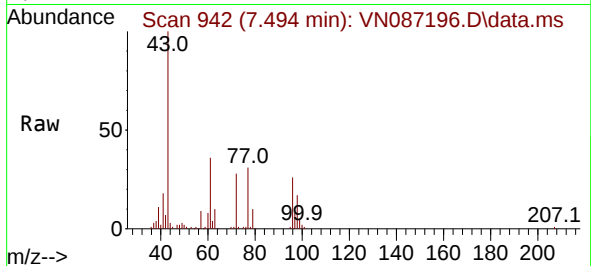
#25
2-Butanone
Concen: 94.841 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
Client Sample Id :
VN0626WBS02

Tgt Ion: 43 Resp: 165230
Ion Ratio Lower Upper
43 100
72 27.8 23.0 34.6

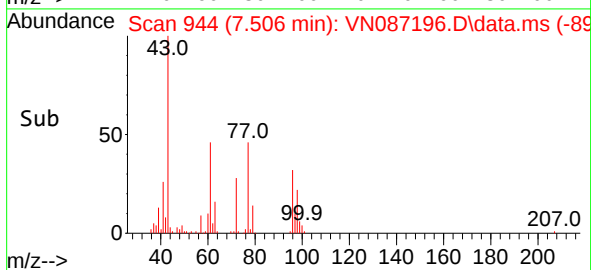
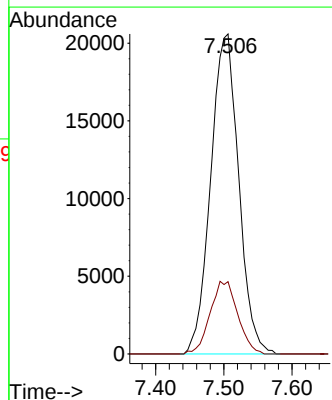
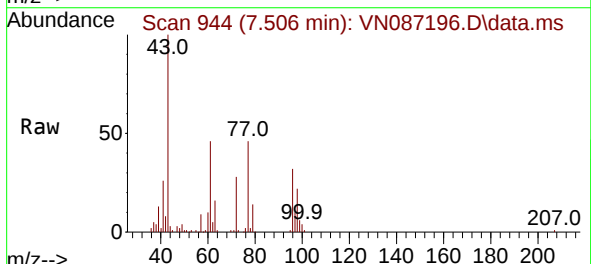
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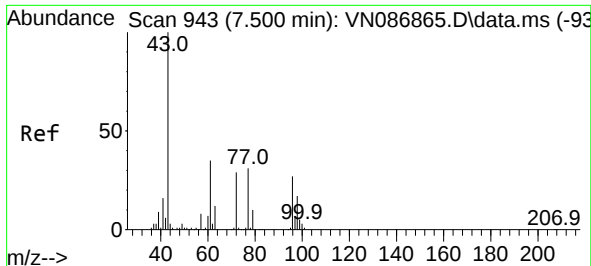
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#26
2,2-Dichloropropane
Concen: 22.394 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

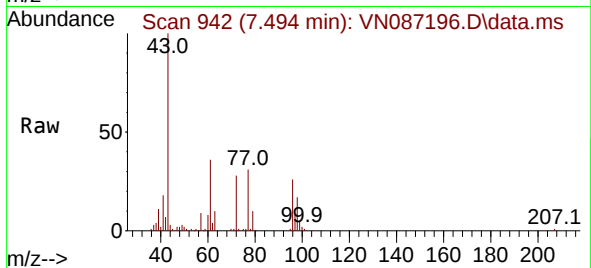
Tgt Ion: 77 Resp: 58884
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.575 ug/l
 RT: 7.494 min Scan# 943
 Delta R.T. -0.006 min
 Lab File: VN087196.D
 Acq: 26 Jun 2025 15:31

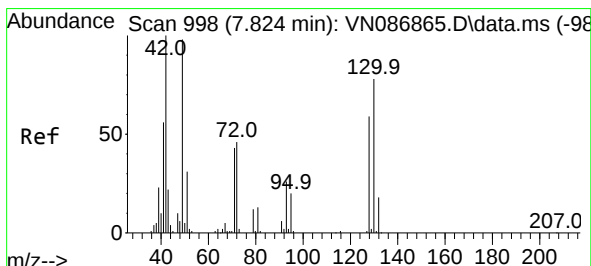
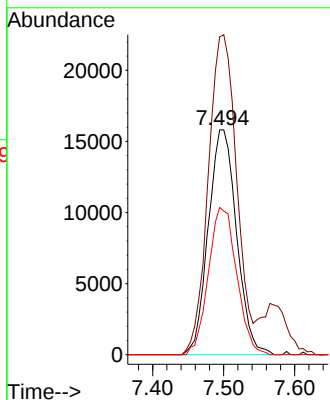
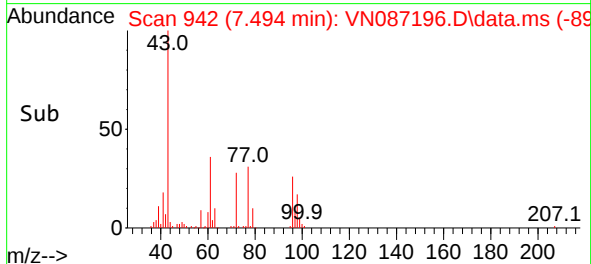
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02



Tgt Ion: 96 Resp: 43762
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 278.0
 98 65.3 0.0 128.2

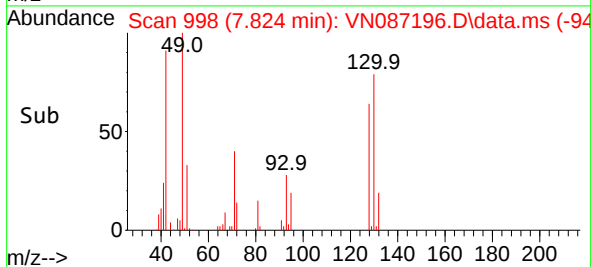
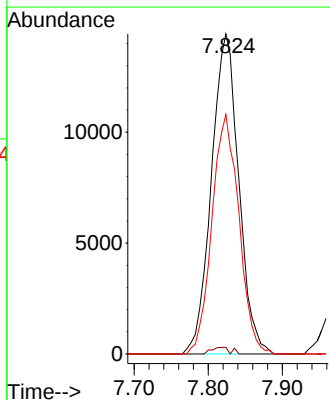
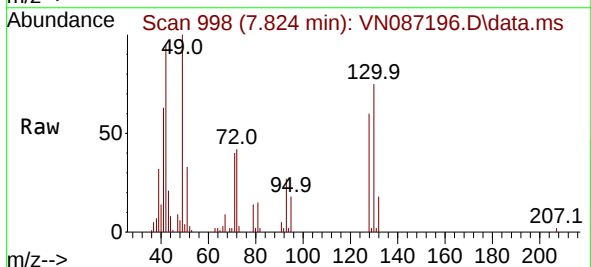
Manual Integrations
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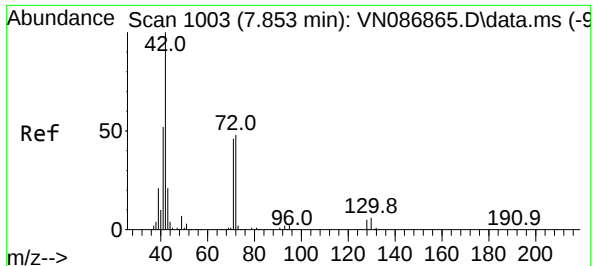
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#28
 Bromochloromethane
 Concen: 22.246 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087196.D
 Acq: 26 Jun 2025 15:31

Tgt Ion: 49 Resp: 36972
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 73.8 62.2 93.2





#29

Tetrahydrofuran

Concen: 99.069 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

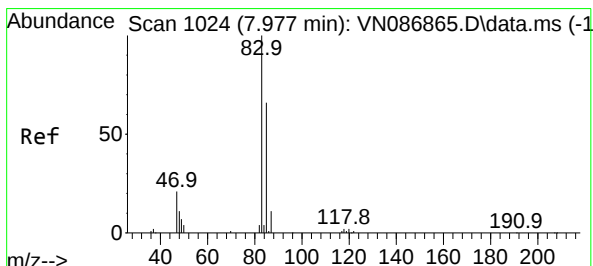
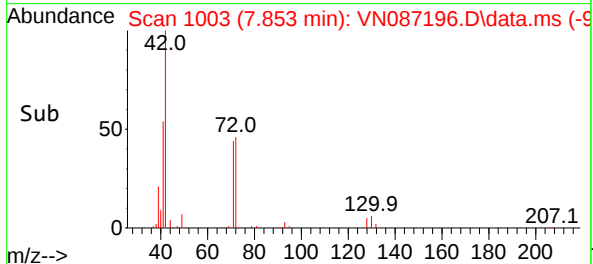
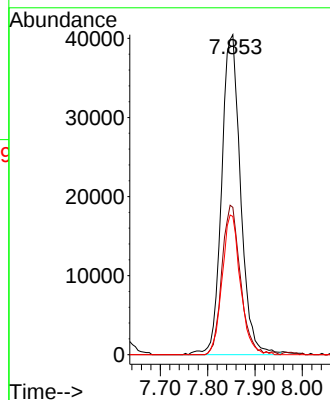
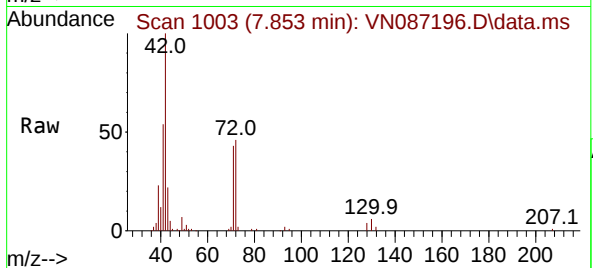
Tgt Ion:	42	Resp:	112438
Ion Ratio	Lower	Upper	
42	100		
72	45.5	37.8	56.6
71	42.0	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#30

Chloroform

Concen: 20.817 ug/l

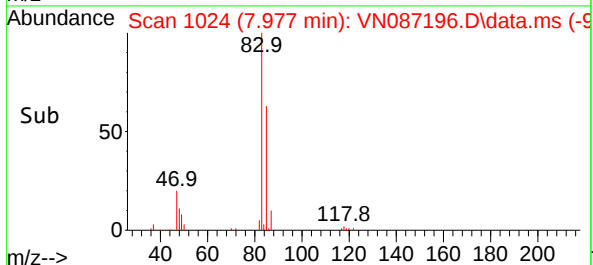
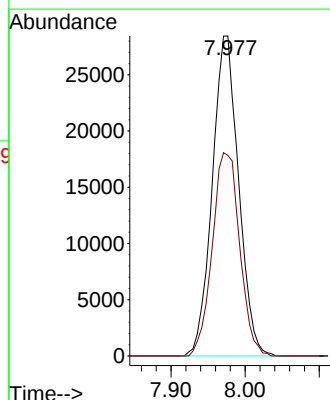
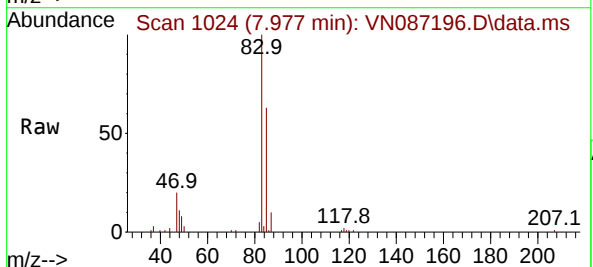
RT: 7.977 min Scan# 1024

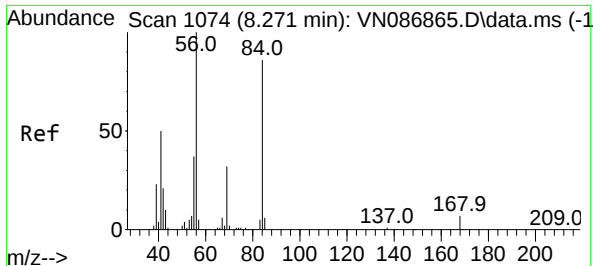
Delta R.T. -0.000 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

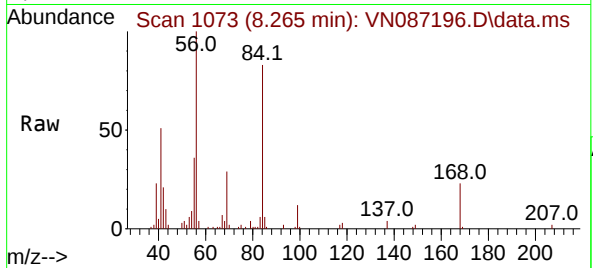
Tgt Ion:	83	Resp:	70272
Ion Ratio	Lower	Upper	
83	100		
85	62.6	52.9	79.3





#31
Cyclohexane
Concen: 18.368 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

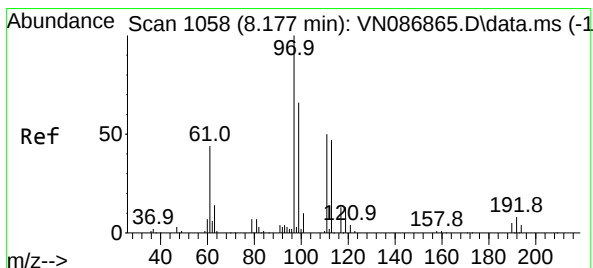
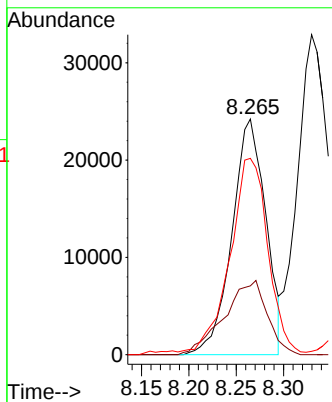
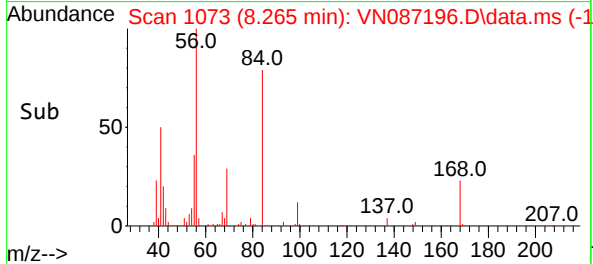
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



Tgt Ion: 56 Resp: 6021
Ion Ratio Lower Upper
56 100
69 29.2 25.4 38.0
84 82.1 68.8 103.2

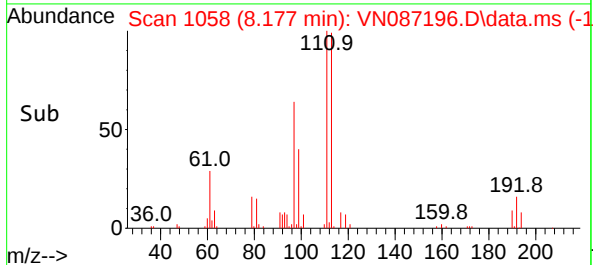
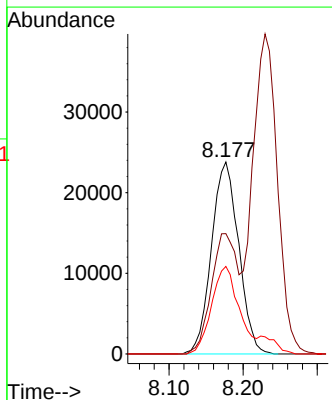
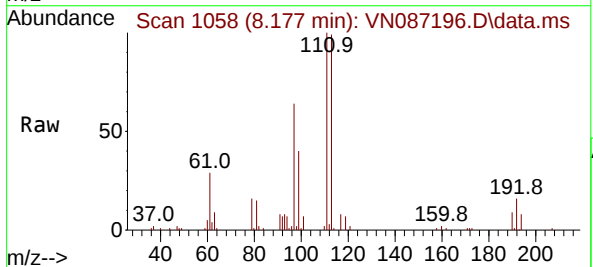
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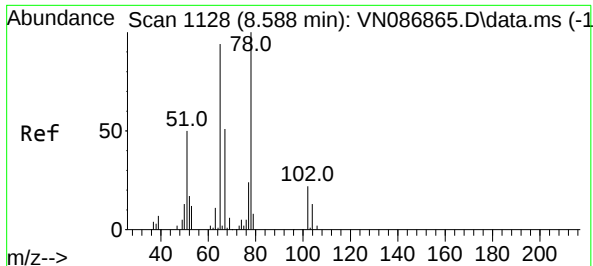
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#32
1,1,1-Trichloroethane
Concen: 21.127 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion: 97 Resp: 60659
Ion Ratio Lower Upper
97 100
99 58.7 52.0 78.0
61 46.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 53.909 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tgt Ion: 65 Resp: 108958

Ion Ratio Lower Upper

65 100

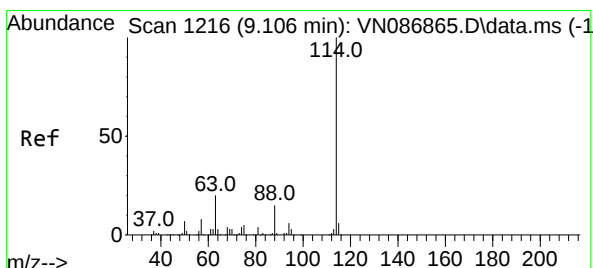
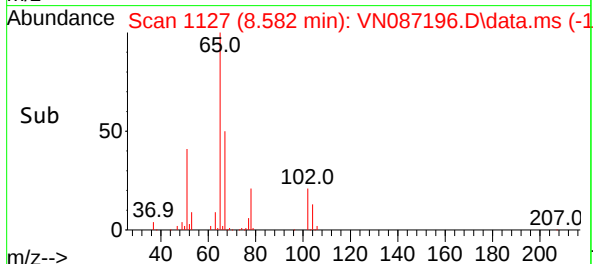
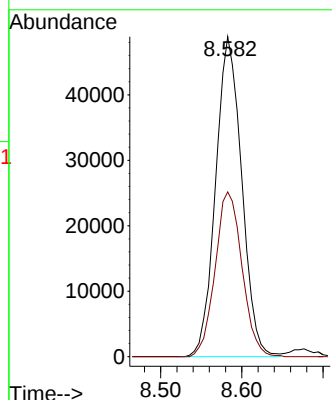
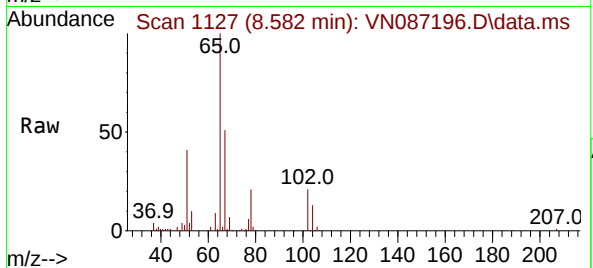
67 53.1 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

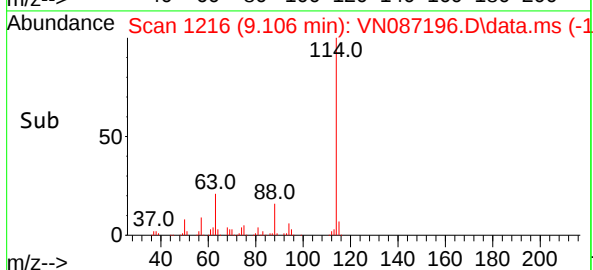
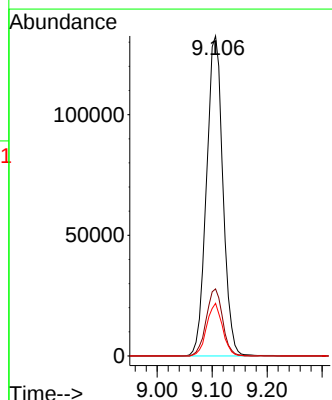
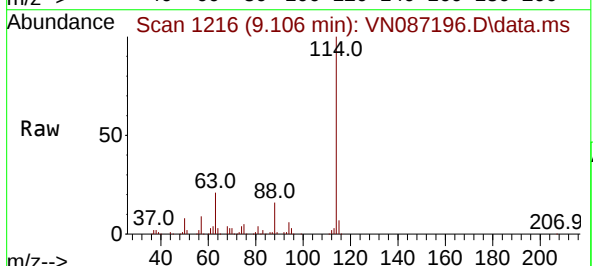
Tgt Ion:114 Resp: 274522

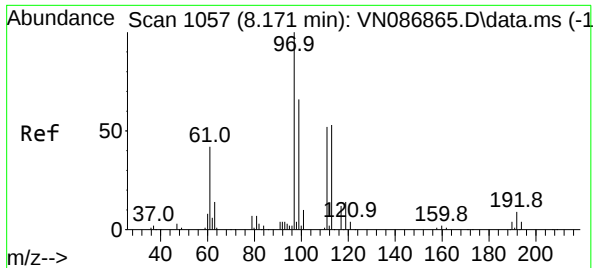
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.6

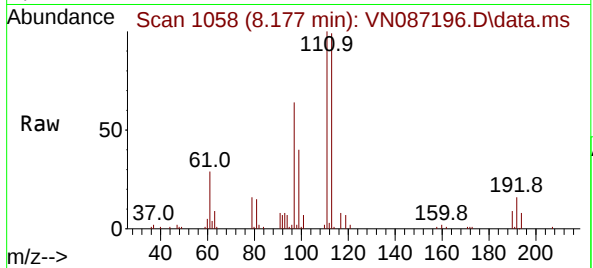
88 16.4 0.0 30.2





#35
 Dibromofluoromethane
 Concen: 54.407 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN087196.D
 Acq: 26 Jun 2025 15:31

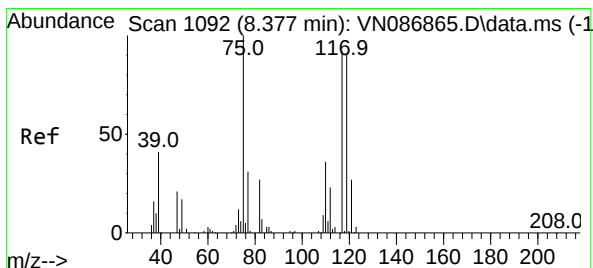
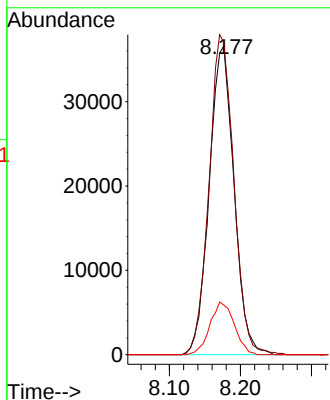
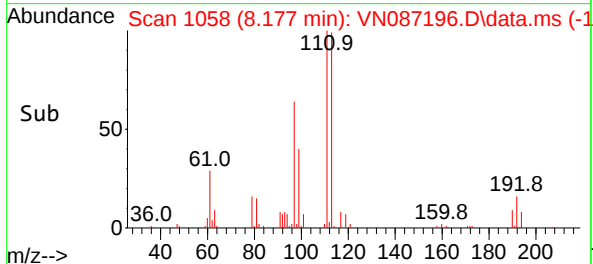
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02



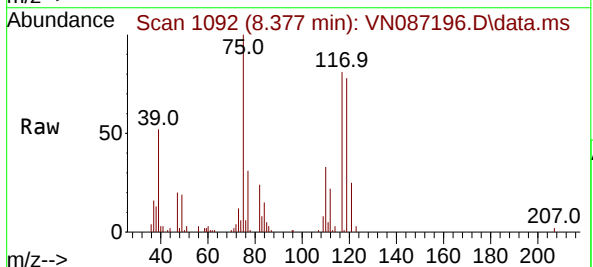
Tgt Ion: 113 Resp: 88514
 Ion Ratio Lower Upper
 113 100
 111 103.6 84.2 126.2
 192 16.8 14.2 21.4

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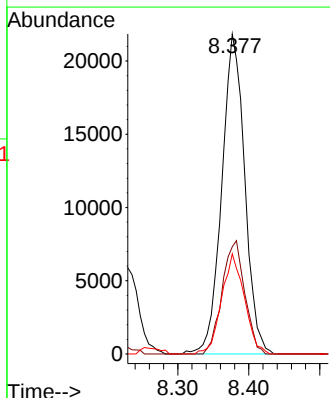
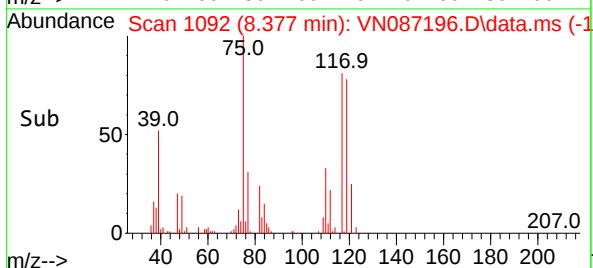
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025

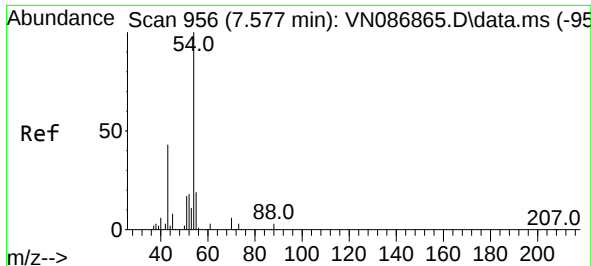


#36
 1,1-Dichloropropene
 Concen: 20.206 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: VN087196.D
 Acq: 26 Jun 2025 15:31



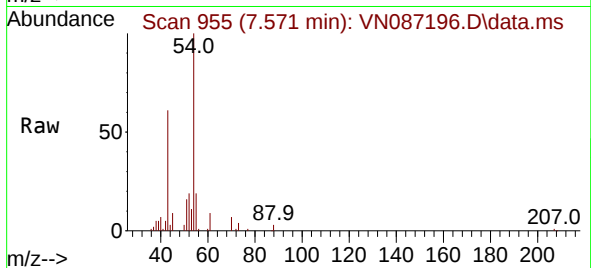
Tgt Ion: 75 Resp: 48984
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.6 52.9
 77 31.0 25.3 37.9





#37
Ethyl Acetate
Concen: 21.795 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

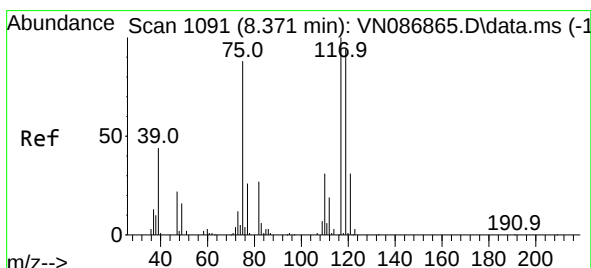
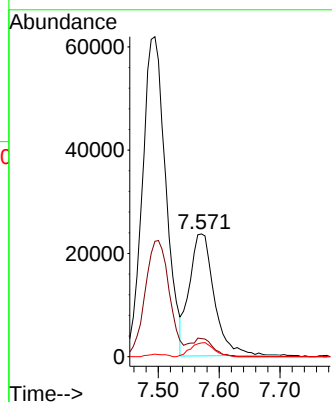
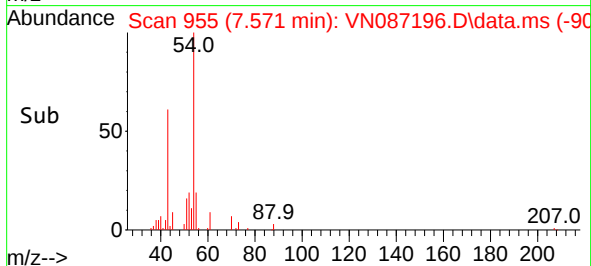
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



Tgt Ion: 43 Resp: 67259
Ion Ratio Lower Upper
43 100
61 12.7 12.1 18.1
70 10.7 9.8 14.6

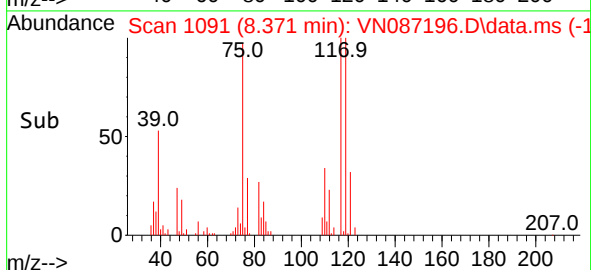
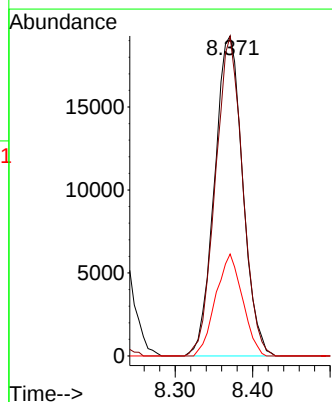
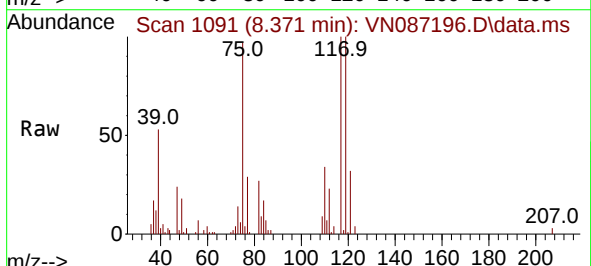
Manual Integrations
APPROVED

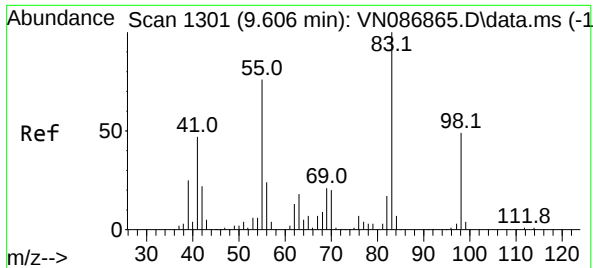
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#38
Carbon Tetrachloride
Concen: 20.470 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion:117 Resp: 48720
Ion Ratio Lower Upper
117 100
119 99.9 75.0 112.6
121 31.9 24.9 37.3





#39

Methylcyclohexane

Concen: 16.767 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

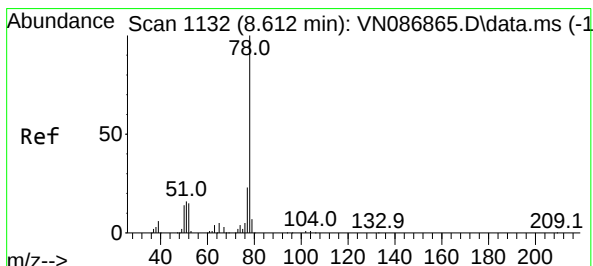
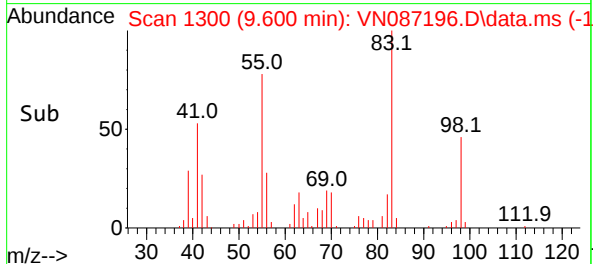
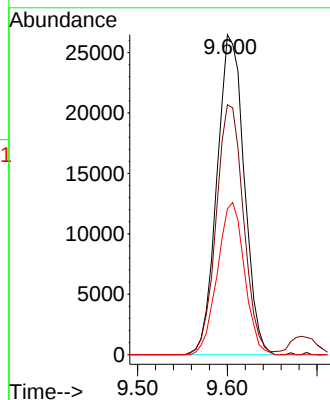
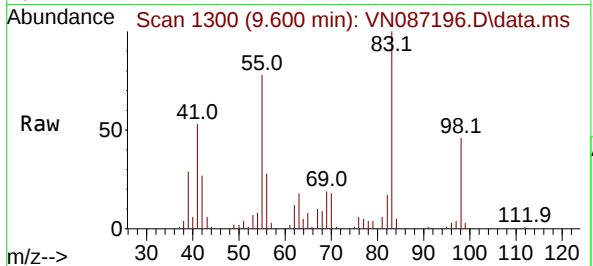
Tgt Ion: 83	Resp: 5568
Ion Ratio	Lower Upper
83	100
55	78.1 61.0 91.6
98	45.6 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#40

Benzene

Concen: 20.342 ug/l

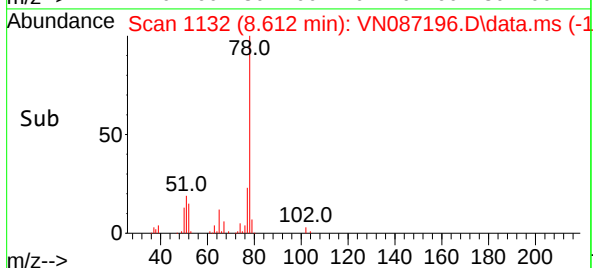
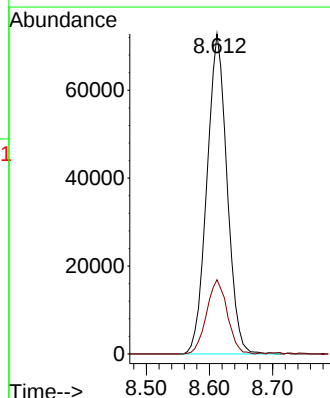
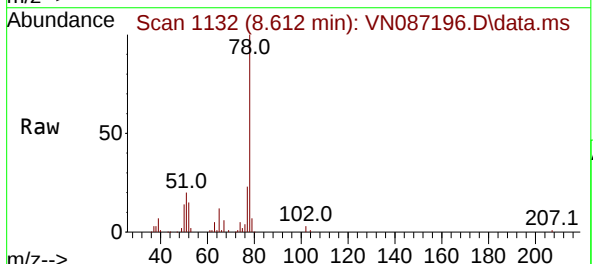
RT: 8.612 min Scan# 1132

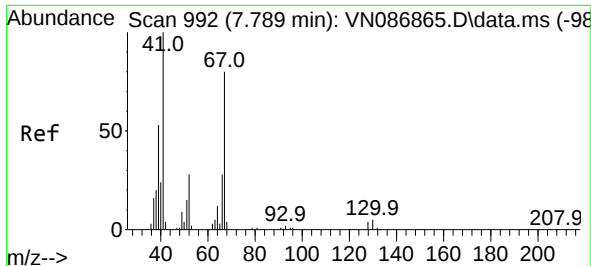
Delta R.T. -0.000 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

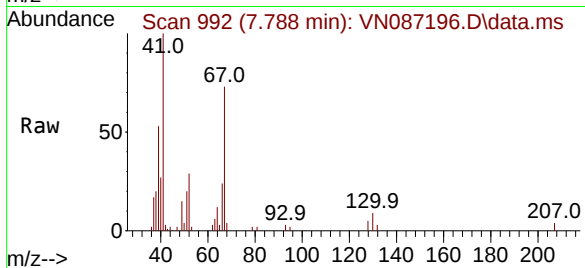
Tgt Ion: 78	Resp: 161260
Ion Ratio	Lower Upper
78	100
77	23.2 18.7 28.1





#41
Methacrylonitrile
Concen: 19.825 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

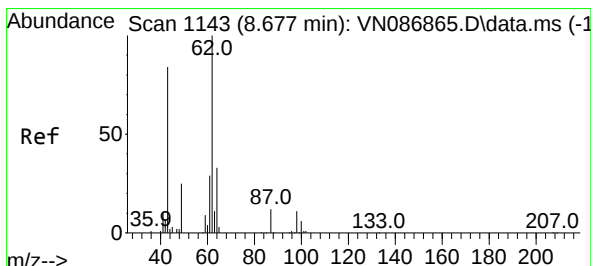
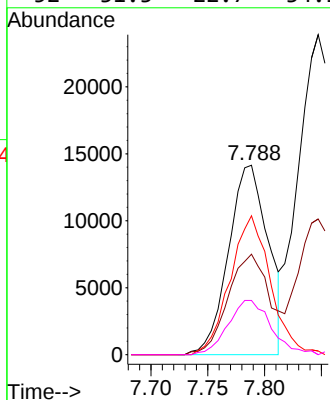
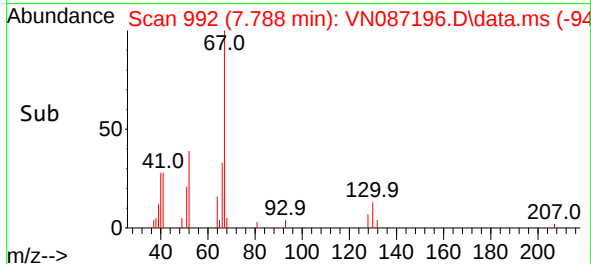
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



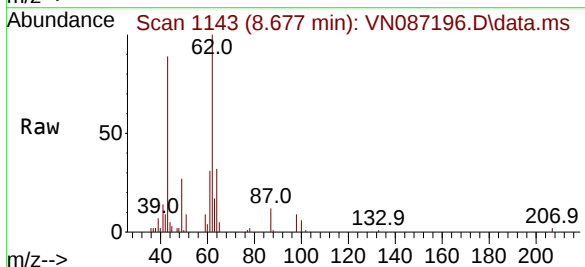
Tgt Ion: 41 Resp: 34360
Ion Ratio Lower Upper
41 100
39 57.4 41.2 61.8
67 74.6 61.4 92.2
52 31.3 22.7 34.1

Manual Integrations
APPROVED

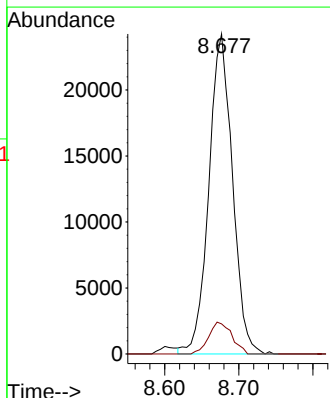
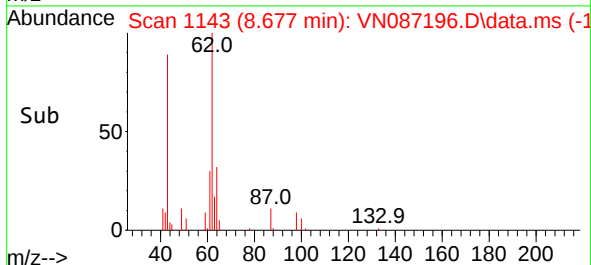
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

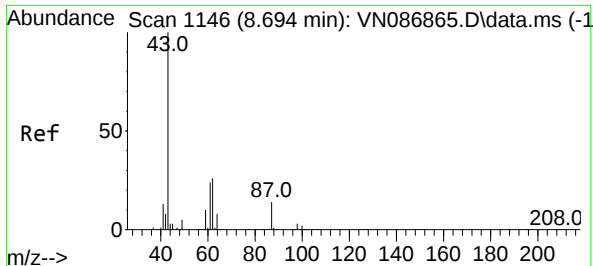


#42
1,2-Dichloroethane
Concen: 22.304 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



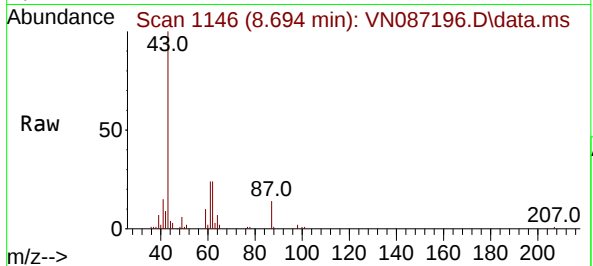
Tgt Ion: 62 Resp: 53628
Ion Ratio Lower Upper
62 100
98 9.7 0.0 21.2





#43
Isopropyl Acetate
Concen: 20.310 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

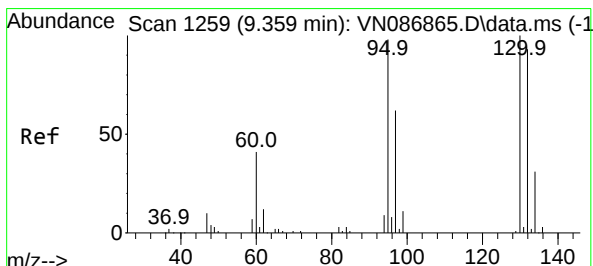
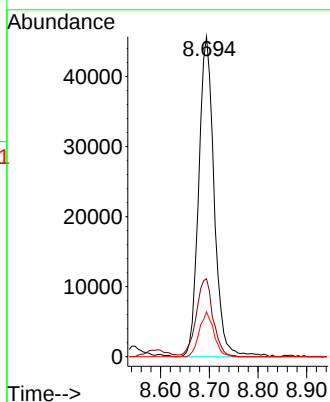
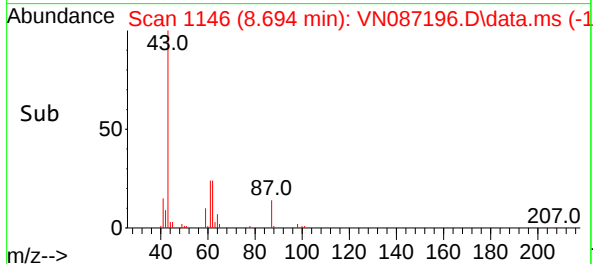
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



Tgt Ion: 43 Resp: 100598
Ion Ratio Lower Upper
43 100
61 26.7 22.1 33.1
87 13.2 11.8 17.6

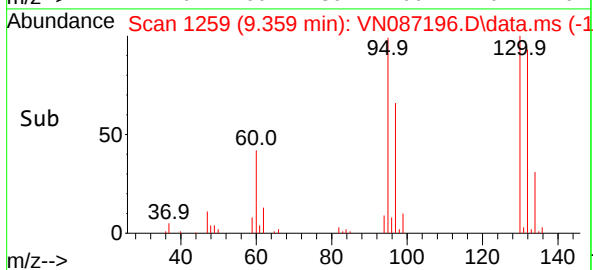
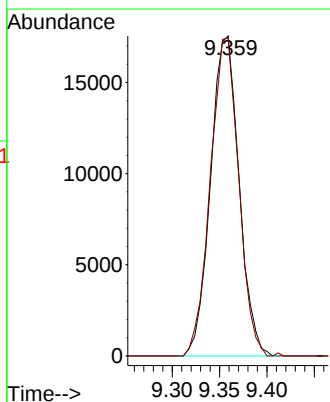
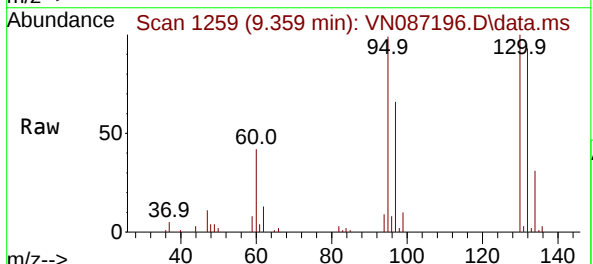
Manual Integrations
APPROVED

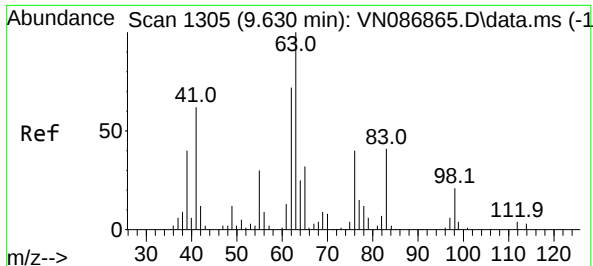
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#44
Trichloroethene
Concen: 19.491 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion:130 Resp: 36637
Ion Ratio Lower Upper
130 100
95 99.4 0.0 196.2





#45

1,2-Dichloropropane

Concen: 21.023 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tgt Ion: 63 Resp: 40544

Ion Ratio Lower Upper

63 100

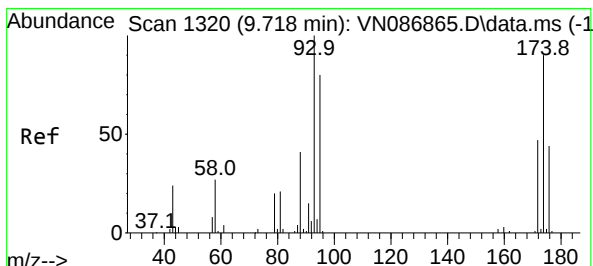
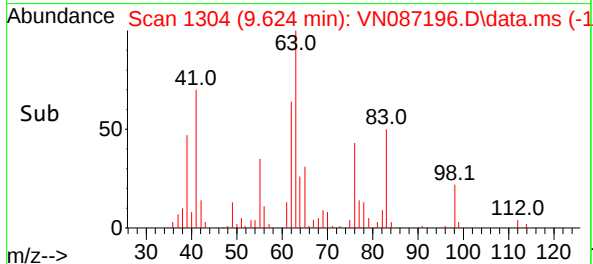
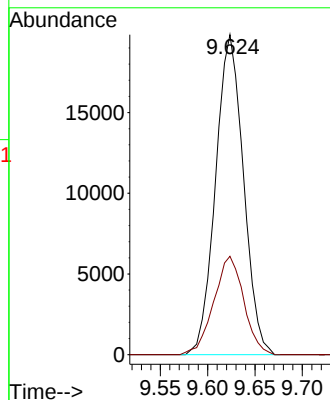
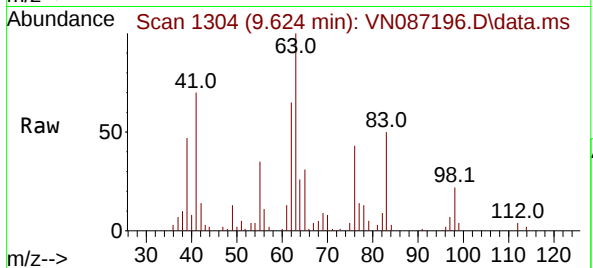
65 30.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#46

Dibromomethane

Concen: 21.332 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

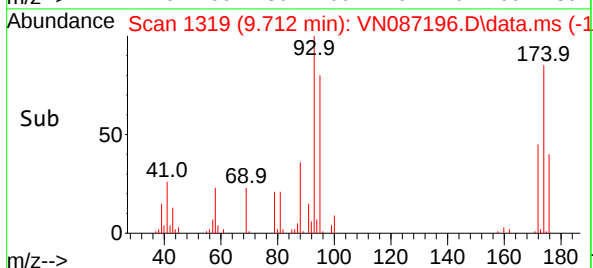
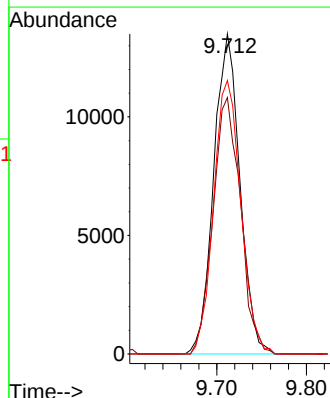
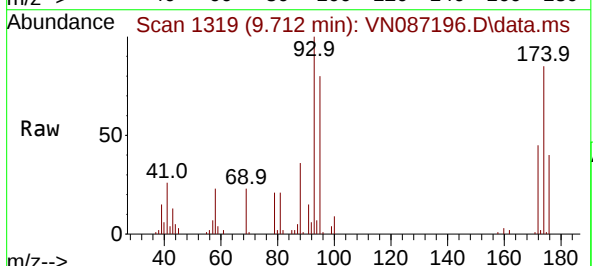
Tgt Ion: 93 Resp: 27326

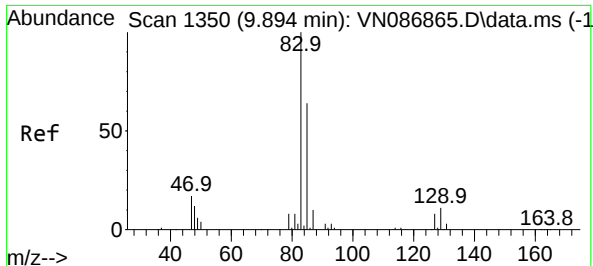
Ion Ratio Lower Upper

93 100

95 84.1 67.1 100.7

174 88.9 74.2 111.4





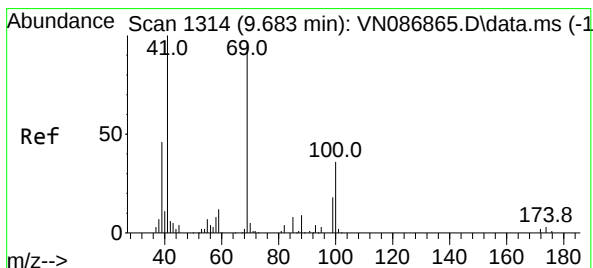
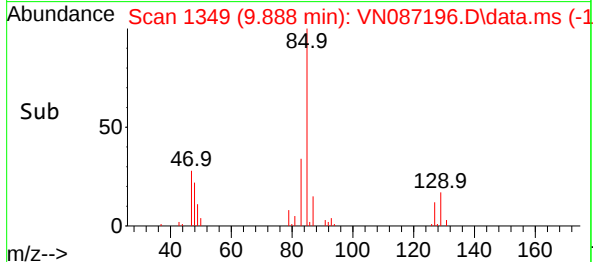
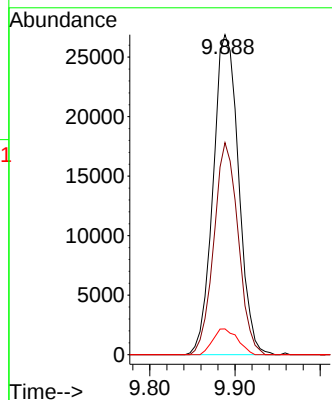
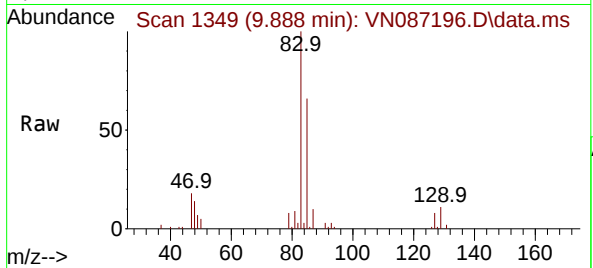
#47
Bromodichloromethane
Concen: 21.194 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion: 83 Resp: 55860
Ion Ratio Lower Upper
83 100
85 66.2 50.9 76.3
127 8.0 6.6 10.0

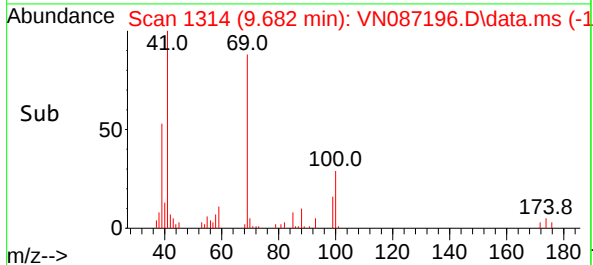
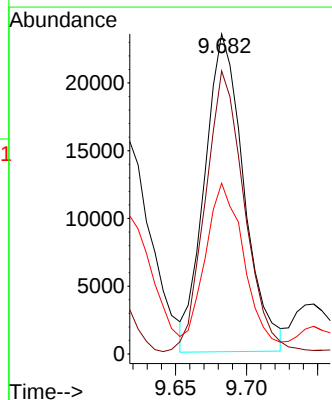
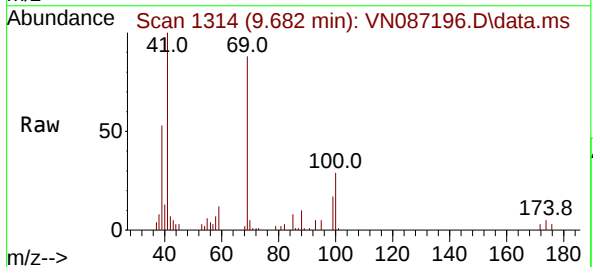
Manual Integrations
APPROVED

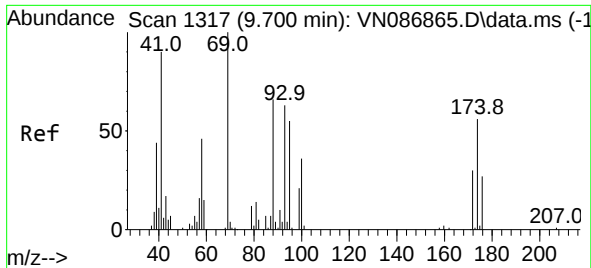
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#48
Methyl methacrylate
Concen: 19.755 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

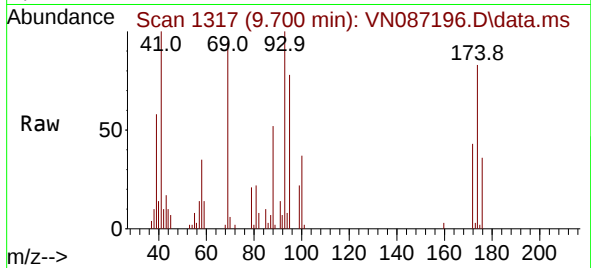
Tgt Ion: 41 Resp: 45036
Ion Ratio Lower Upper
41 100
69 90.8 74.6 112.0
39 54.9 40.2 60.4





#49
1,4-Dioxane
Concen: 332.406 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

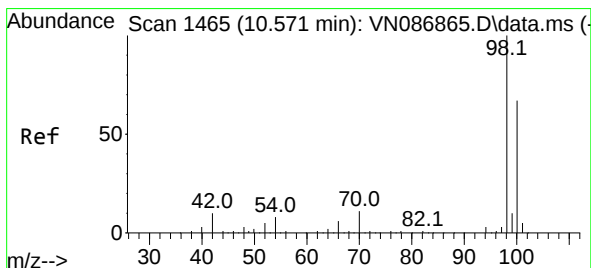
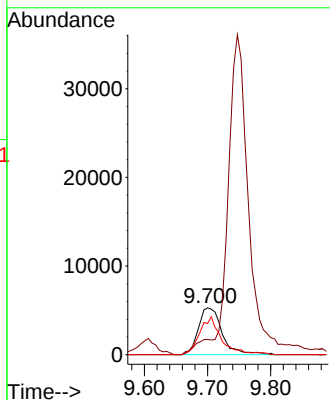
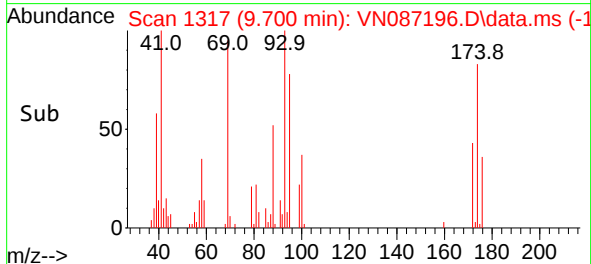
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



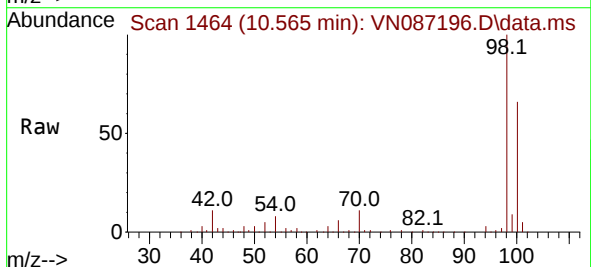
Tgt Ion: 88 Resp: 13780
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.6 57.7 86.5

Manual Integrations
APPROVED

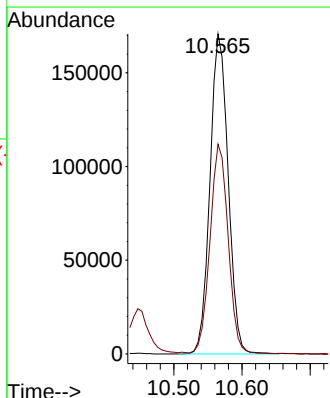
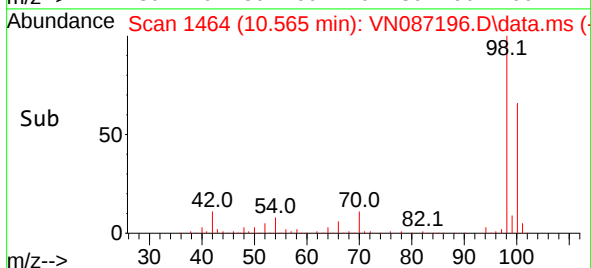
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

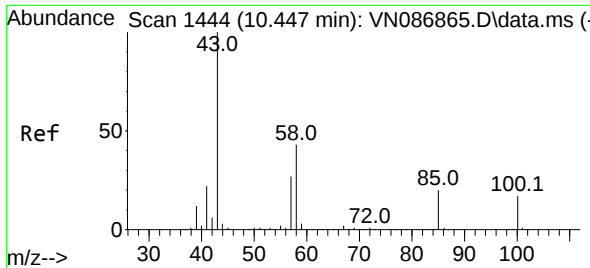


#50
Toluene-d8
Concen: 49.184 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



Tgt Ion: 98 Resp: 316764
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.0





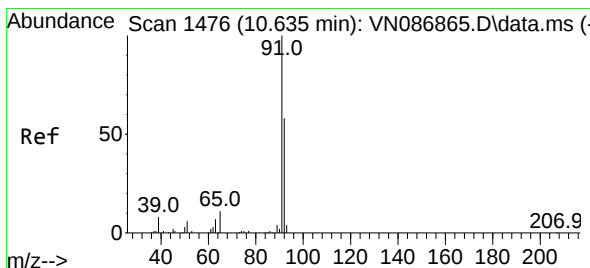
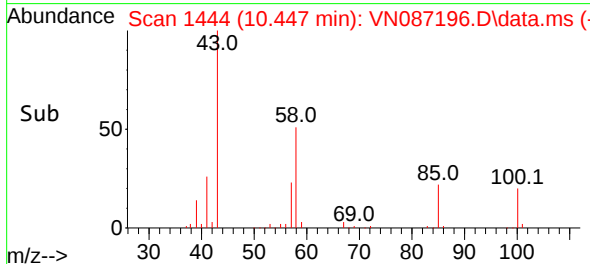
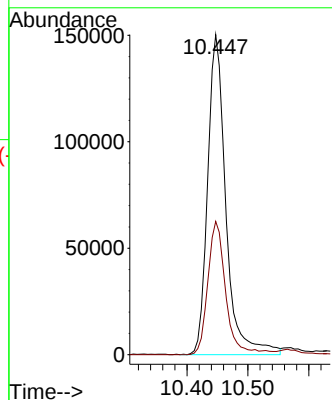
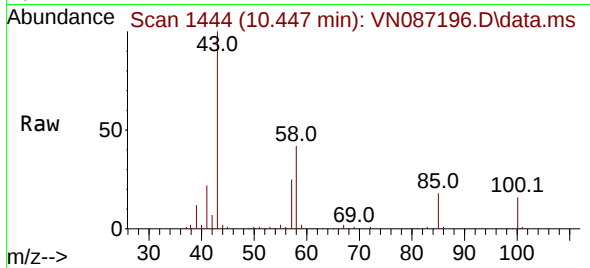
#51
4-Methyl-2-Pentanone
Concen: 104.855 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion: 43 Resp: 312659
Ion Ratio Lower Upper
43 100
58 41.2 34.2 51.4

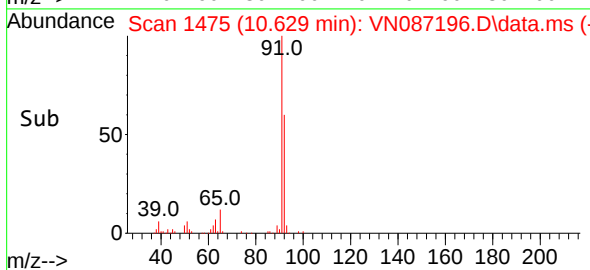
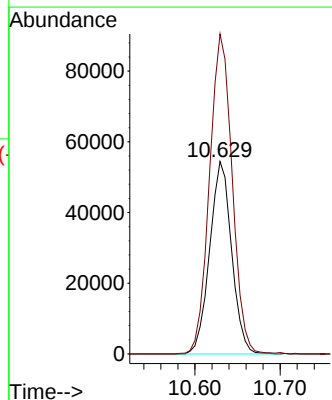
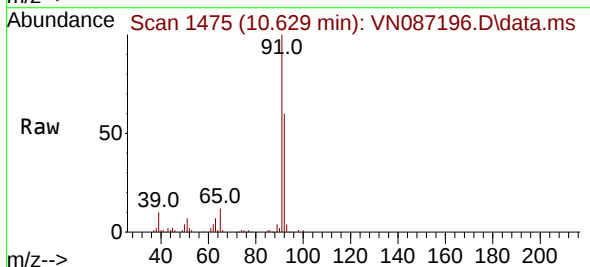
Manual Integrations
APPROVED

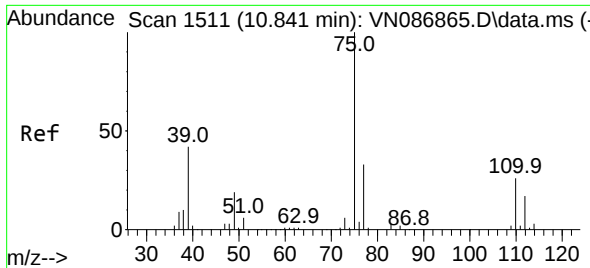
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#52
Toluene
Concen: 20.071 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion: 92 Resp: 97233
Ion Ratio Lower Upper
92 100
91 172.0 136.5 204.7





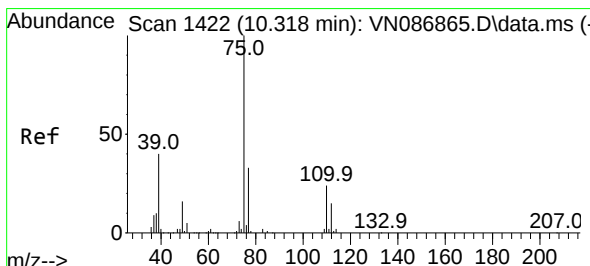
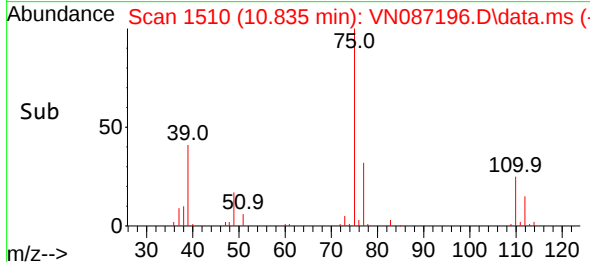
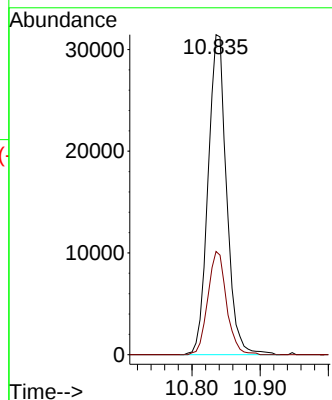
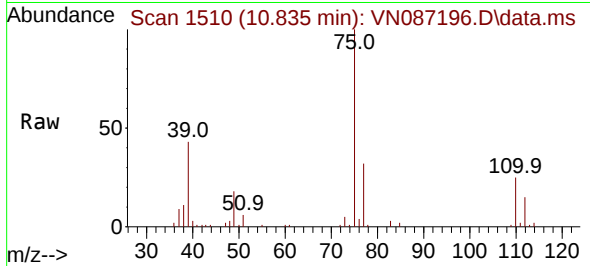
#53
t-1,3-Dichloropropene
Concen: 20.149 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion: 75 Resp: 5938
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6

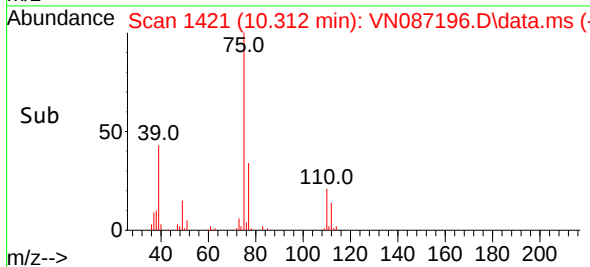
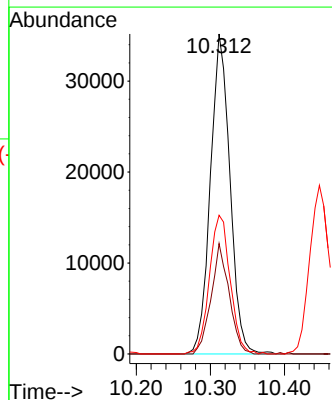
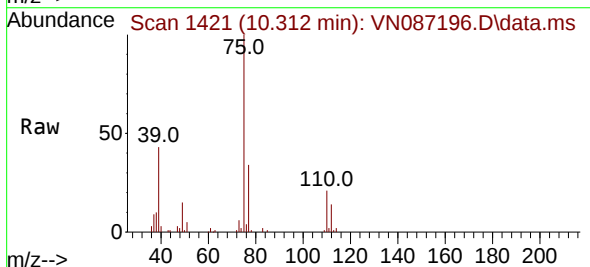
Manual Integrations
APPROVED

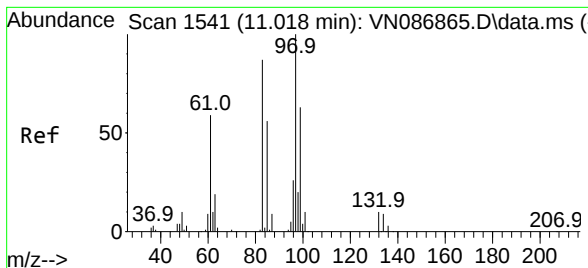
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#54
cis-1,3-Dichloropropene
Concen: 20.434 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

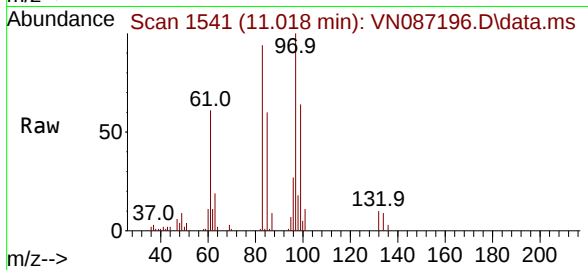
Tgt Ion: 75 Resp: 64437
Ion Ratio Lower Upper
75 100
77 34.5 26.2 39.4
39 43.3 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 20.561 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

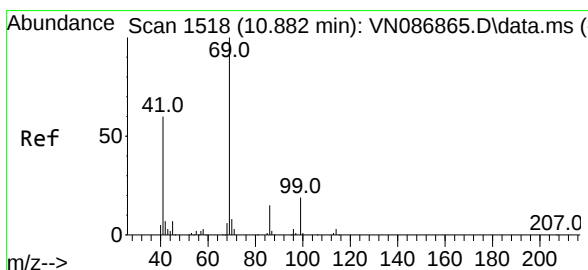
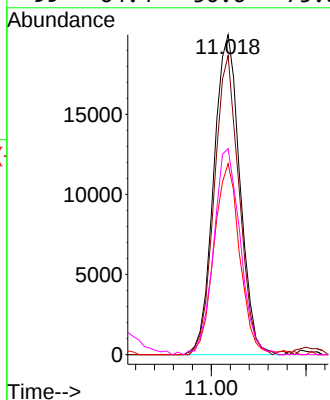
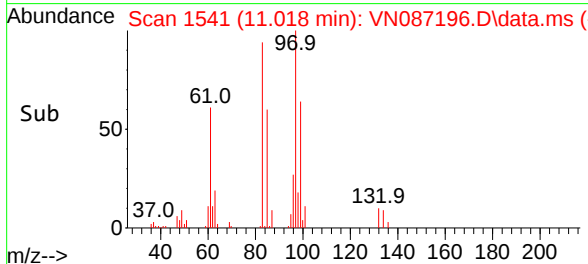
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



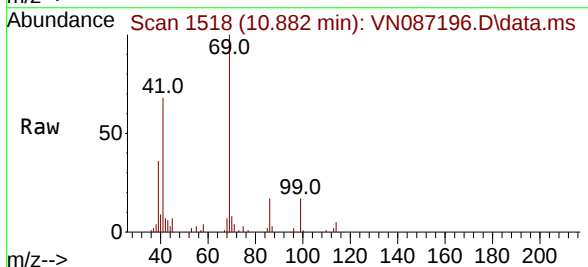
Tgt Ion: 97 Resp: 38328
Ion Ratio Lower Upper
97 100
83 93.5 69.7 104.5
85 59.7 45.1 67.7
99 64.4 50.6 75.8

Manual Integrations
APPROVED

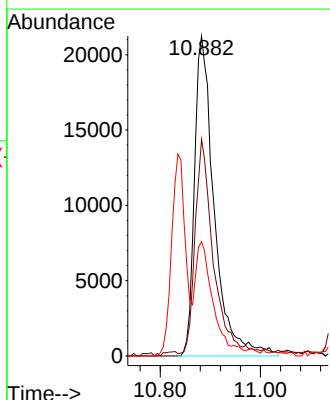
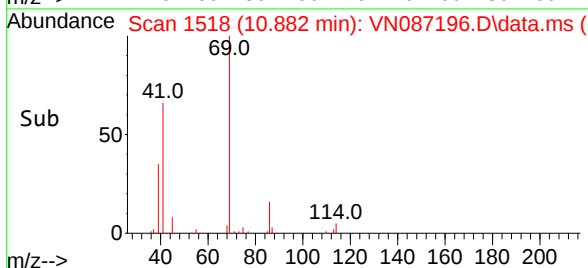
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

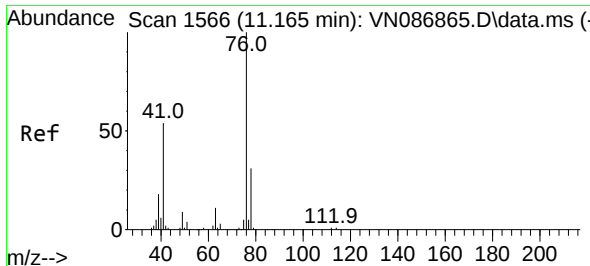


#56
Ethyl methacrylate
Concen: 19.503 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



Tgt Ion: 69 Resp: 57905
Ion Ratio Lower Upper
69 100
41 61.3 47.2 70.8
39 28.8 23.0 34.6





#57

1,3-Dichloropropane

Concen: 20.714 ug/l

RT: 11.165 min Scan# 111

Delta R.T. -0.000 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

Tgt Ion: 76 Resp: 6698

Ion Ratio Lower Upper

76 100

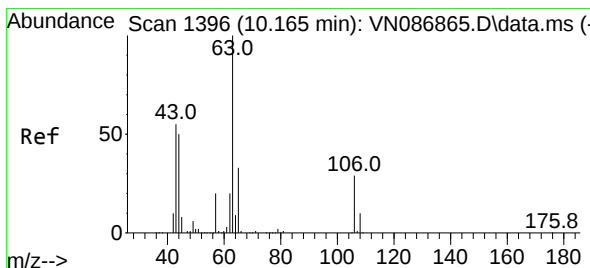
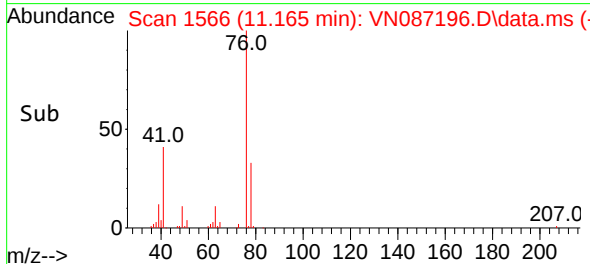
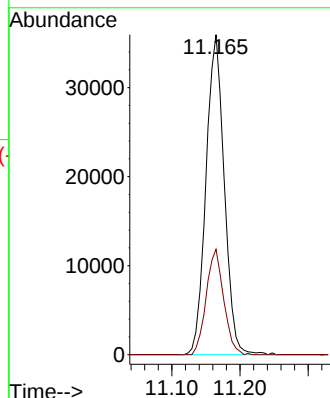
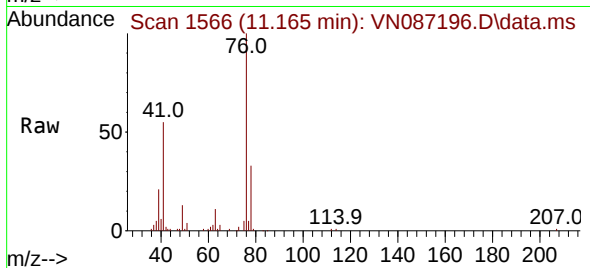
78 31.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 90.645 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN087196.D

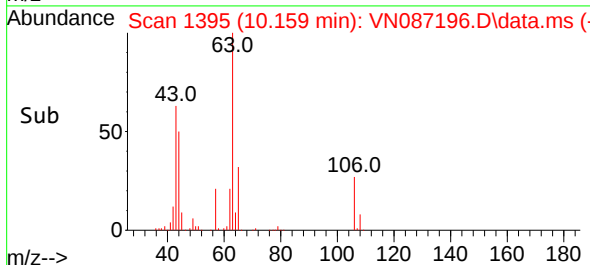
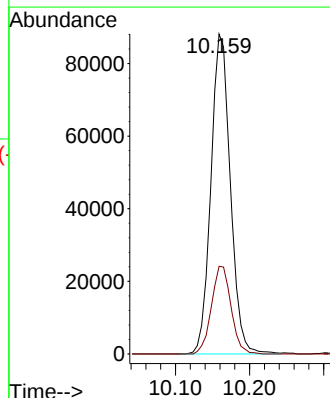
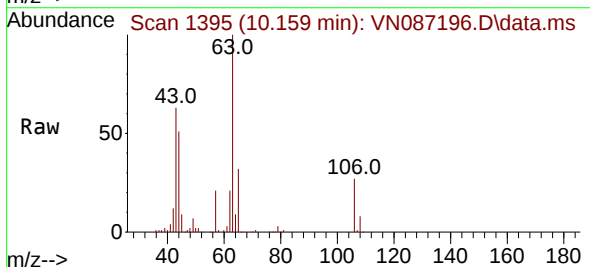
Acq: 26 Jun 2025 15:31

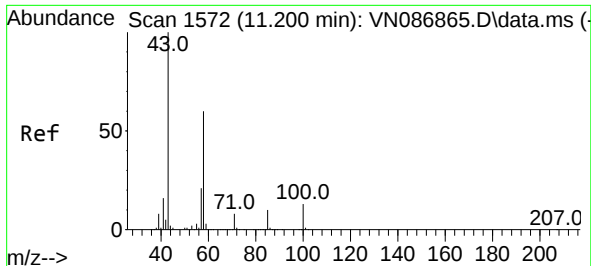
Tgt Ion: 63 Resp: 160523

Ion Ratio Lower Upper

63 100

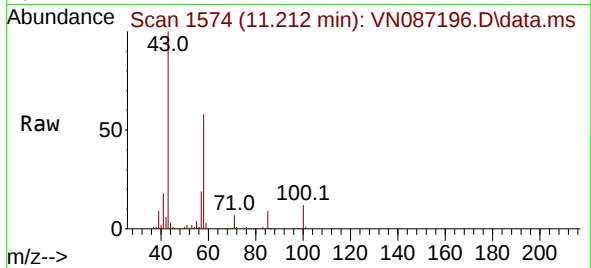
106 27.6 23.0 34.6





#59
2-Hexanone
Concen: 93.784 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

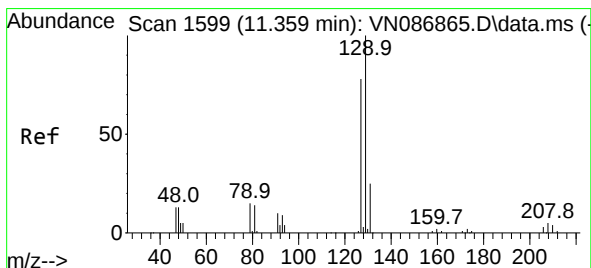
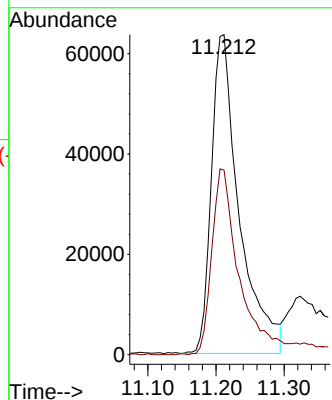
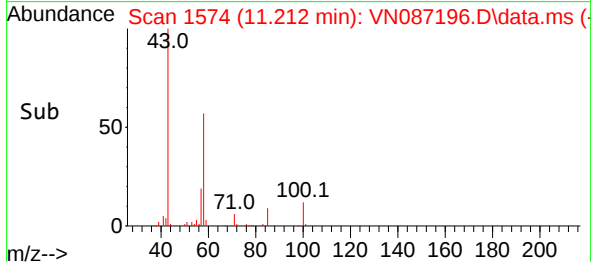
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



Tgt Ion: 43 Resp: 180129
Ion Ratio Lower Upper
43 100
58 57.8 30.4 91.3

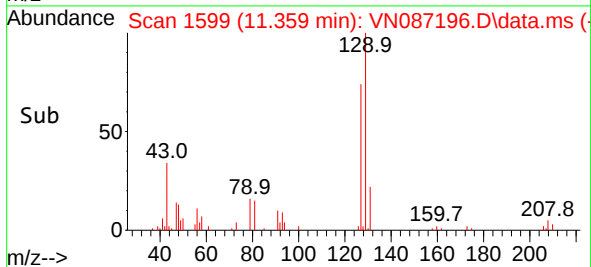
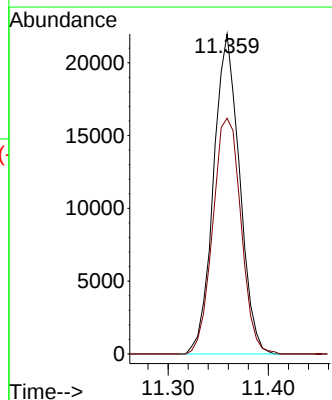
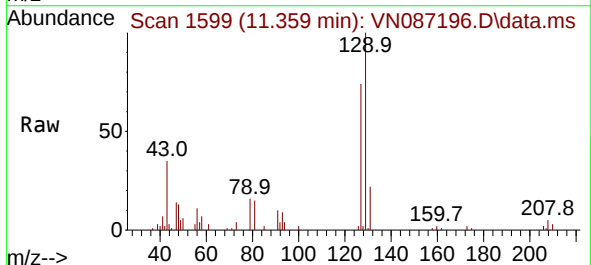
Manual Integrations
APPROVED

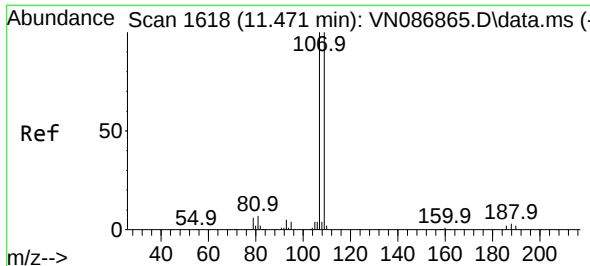
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#60
Dibromochloromethane
Concen: 20.330 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

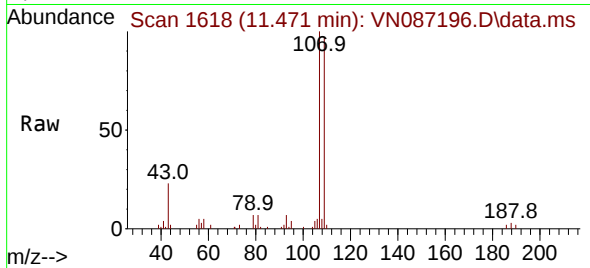
Tgt Ion:129 Resp: 39485
Ion Ratio Lower Upper
129 100
127 80.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.298 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

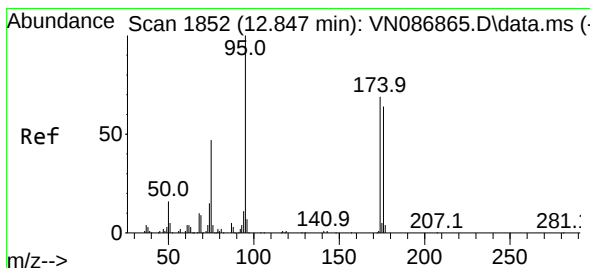
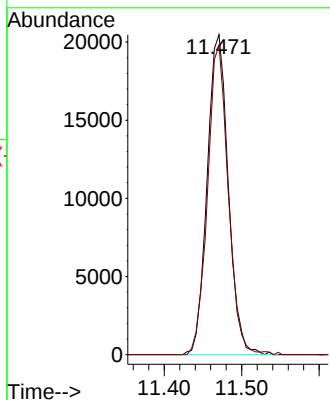
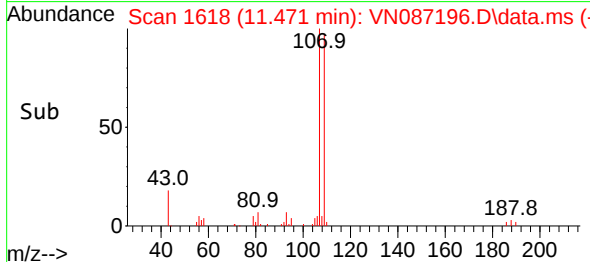
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



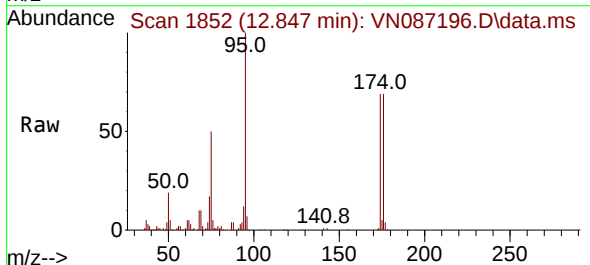
Tgt Ion:107 Resp: 3878
Ion Ratio Lower Upper
107 100
109 94.9 76.3 114.5

Manual Integrations
APPROVED

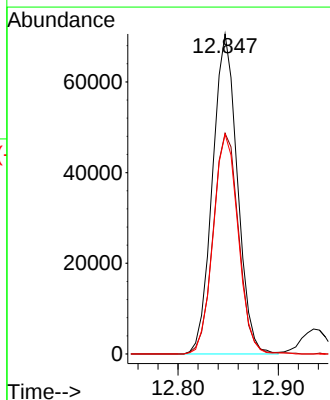
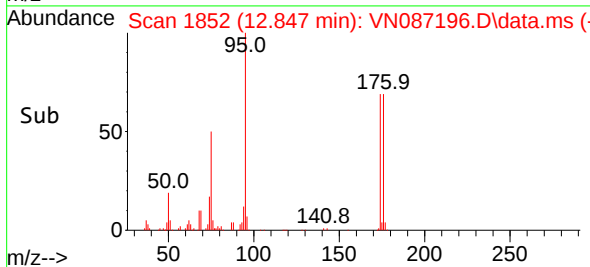
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

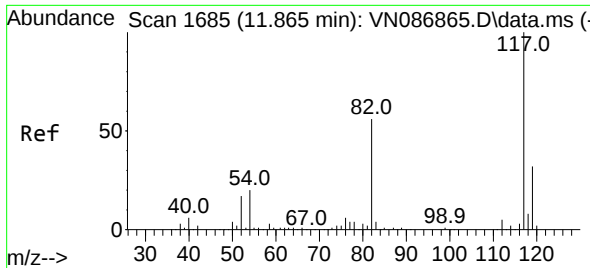


#62
4-Bromofluorobenzene
Concen: 50.820 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



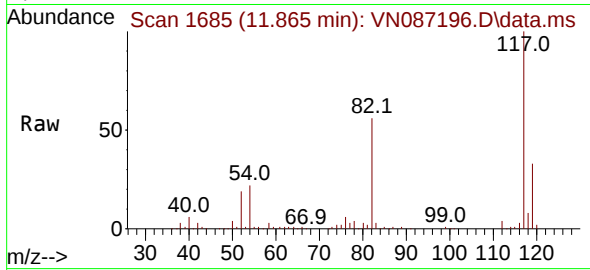
Tgt Ion: 95 Resp: 121603
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.8
176 68.9 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

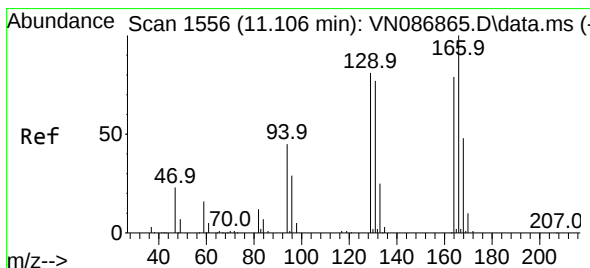
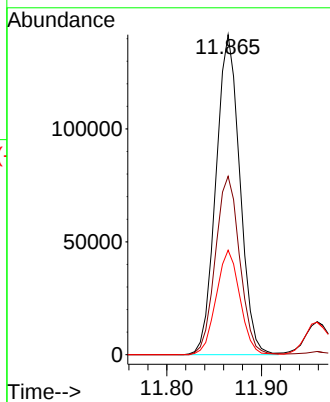
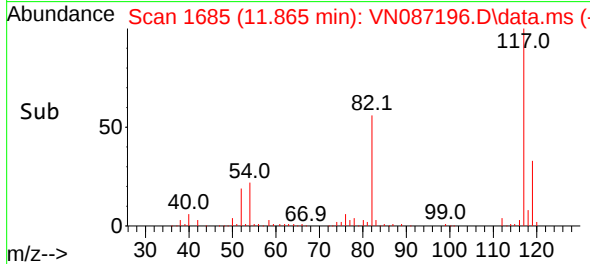
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



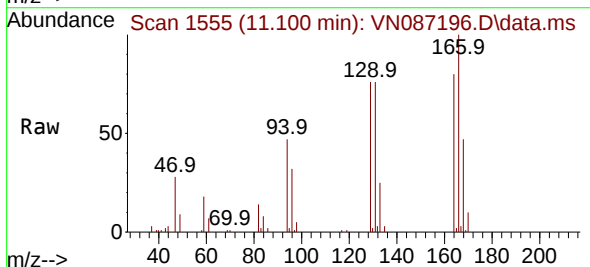
Tgt Ion:117 Resp: 249168
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.7 25.5 38.3

Manual Integrations
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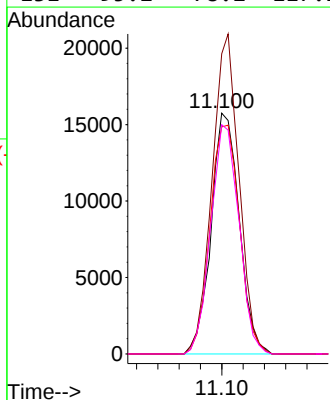
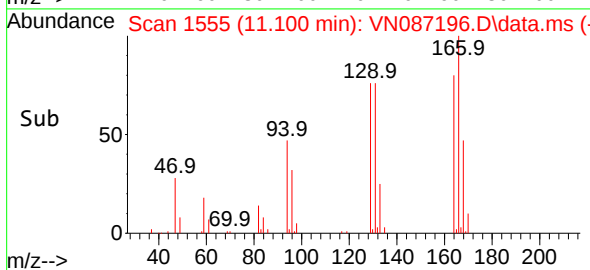
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

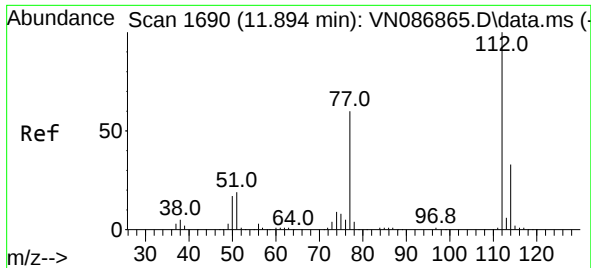


#64
Tetrachloroethene
Concen: 18.275 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



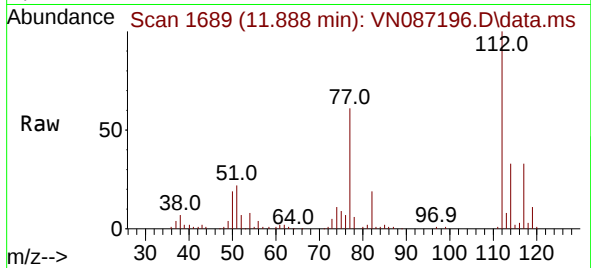
Tgt Ion:164 Resp: 28818
Ion Ratio Lower Upper
164 100
166 124.7 101.8 152.8
129 94.3 83.0 124.4
131 95.2 78.2 117.2





#65
Chlorobenzene
Concen: 19.776 ug/l
RT: 11.888 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

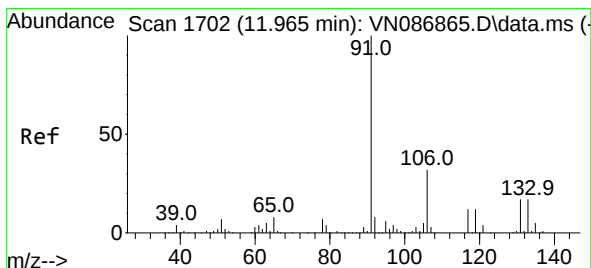
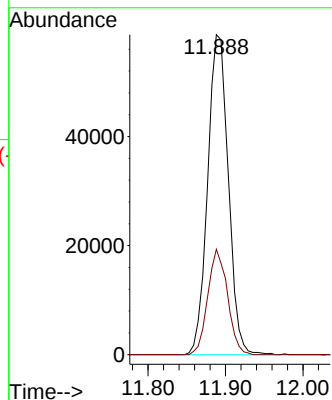
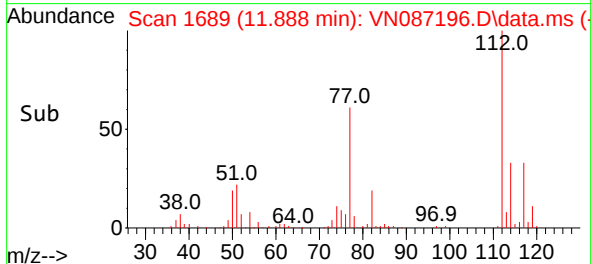
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



Tgt Ion:112 Resp: 108678
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2

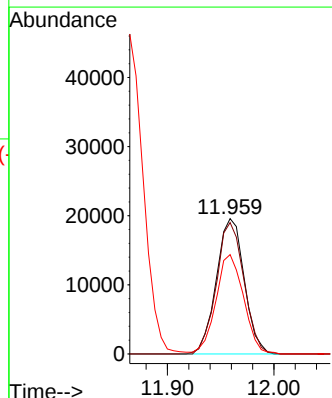
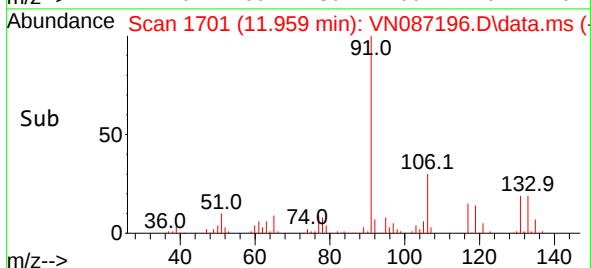
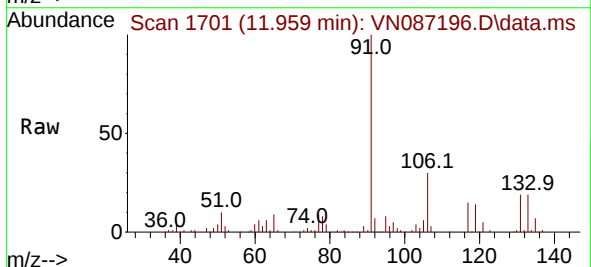
Manual Integrations
APPROVED

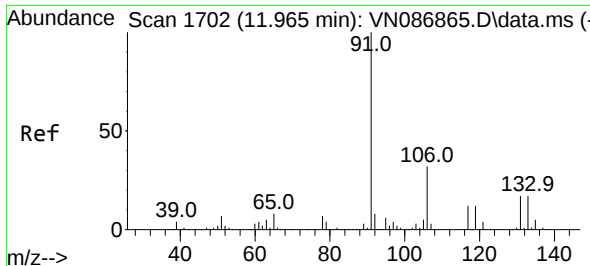
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.161 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion:131 Resp: 35614
Ion Ratio Lower Upper
131 100
133 96.1 48.3 144.8
119 72.8 34.0 101.8





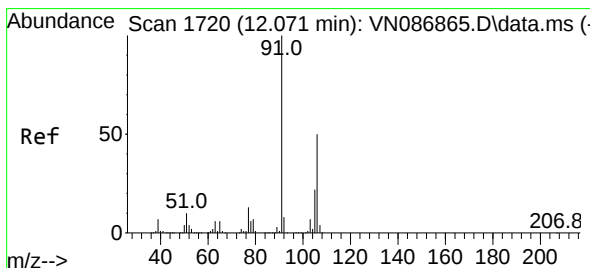
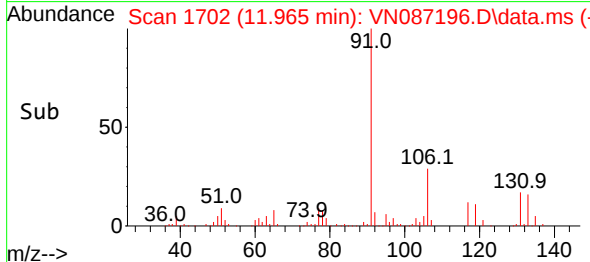
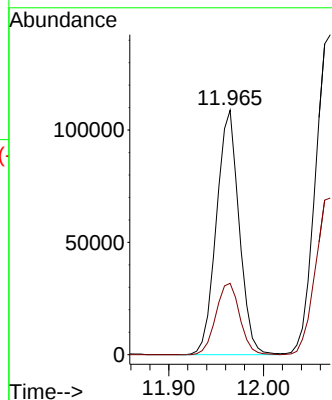
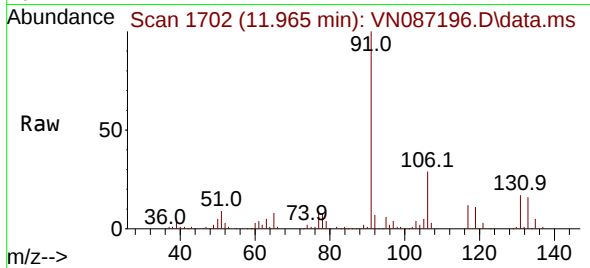
#67
Ethyl Benzene
Concen: 19.161 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion: 91 Resp: 18137
Ion Ratio Lower Upper
91 100
106 29.2 25.4 38.2

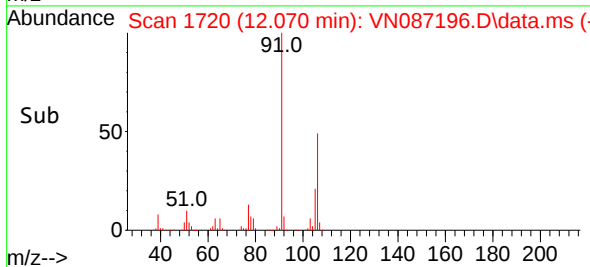
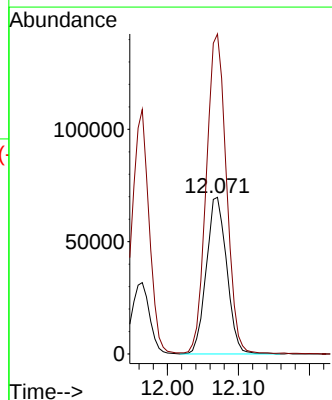
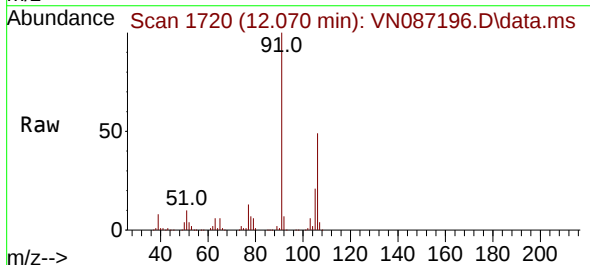
Manual Integrations
APPROVED

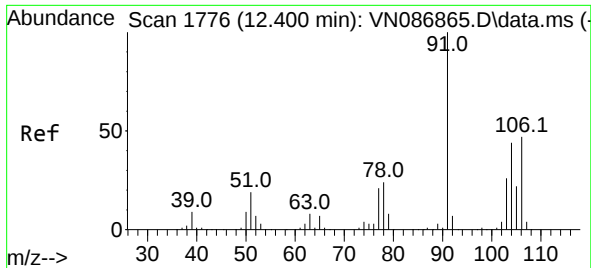
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#68
m/p-Xylenes
Concen: 38.457 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion:106 Resp: 139349
Ion Ratio Lower Upper
106 100
91 200.5 159.4 239.0





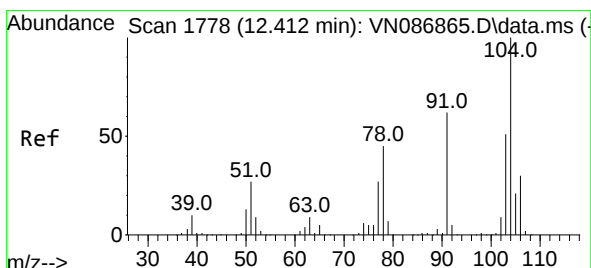
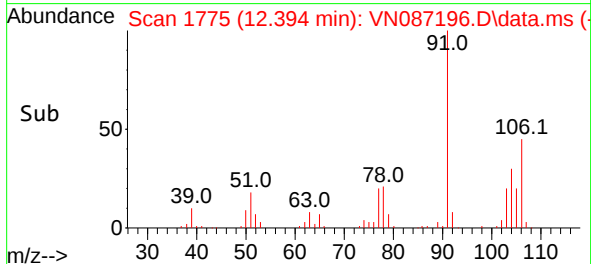
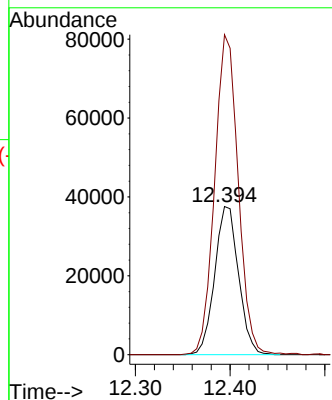
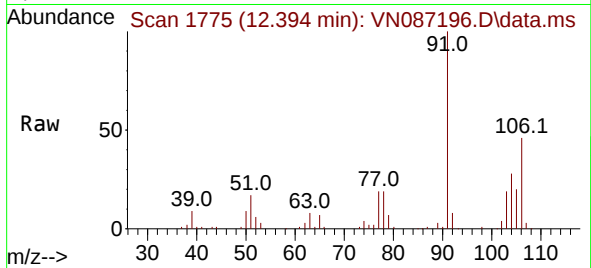
#69
o-Xylene
Concen: 18.919 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion:106 Resp: 6565
Ion Ratio Lower Upper
106 100
91 213.8 106.1 318.1

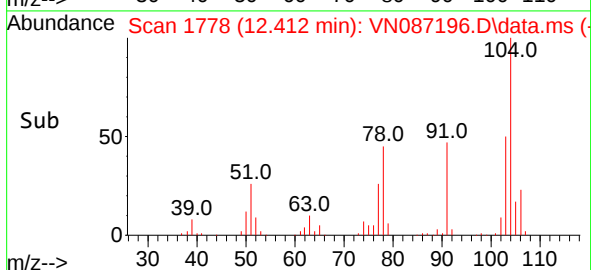
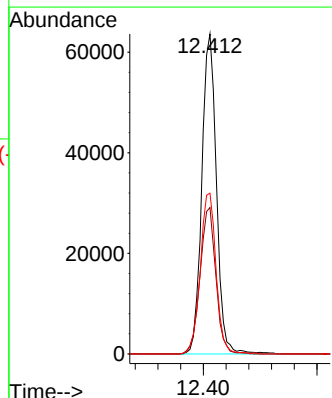
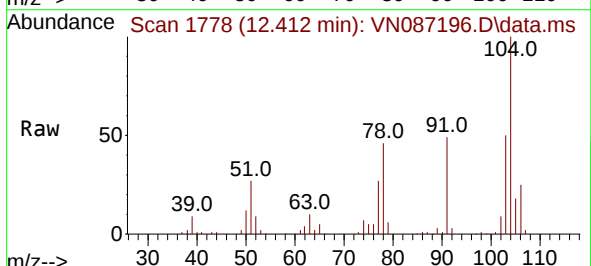
Manual Integrations
APPROVED

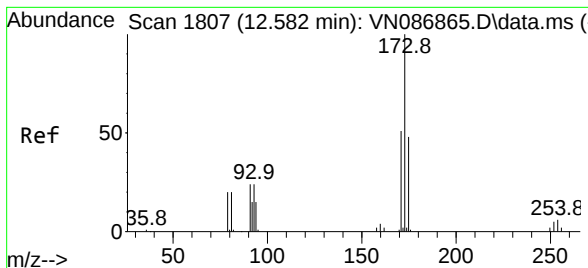
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#70
Styrene
Concen: 19.150 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

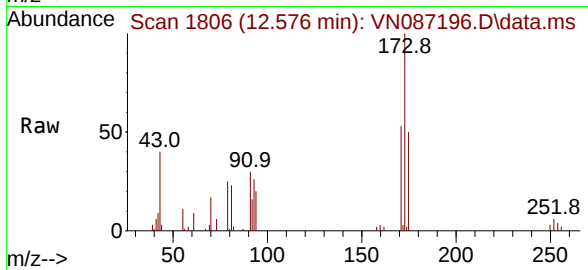
Tgt Ion:104 Resp: 113721
Ion Ratio Lower Upper
104 100
78 49.3 38.5 57.7
103 54.2 43.1 64.7





#71
Bromoform
Concen: 20.689 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

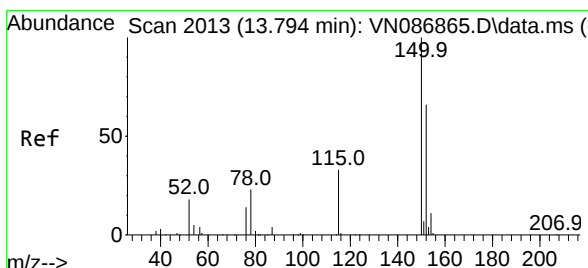
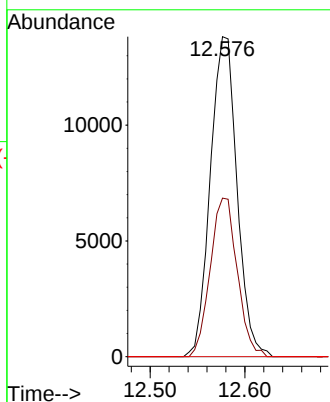
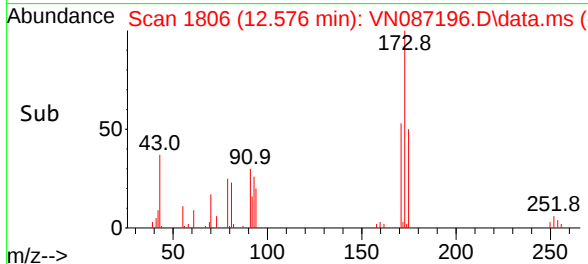
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



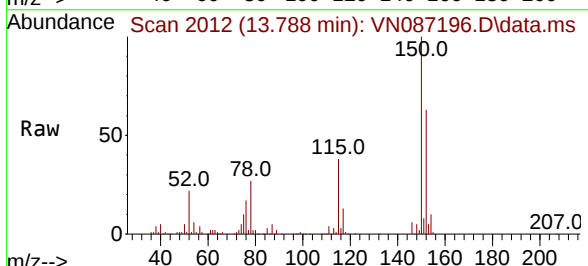
Tgt Ion:173 Resp: 27079
Ion Ratio Lower Upper
173 100
175 50.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

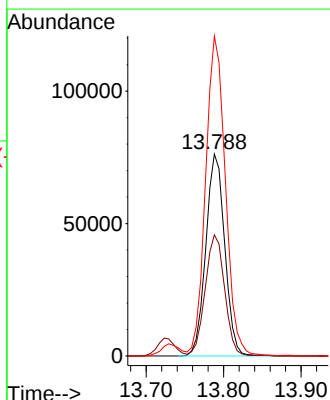
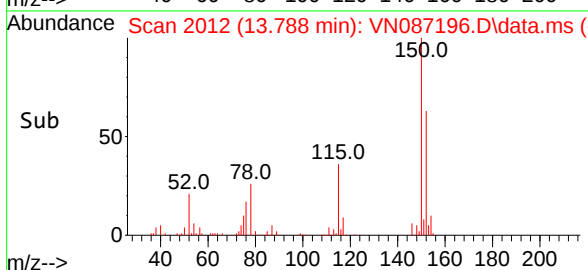
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

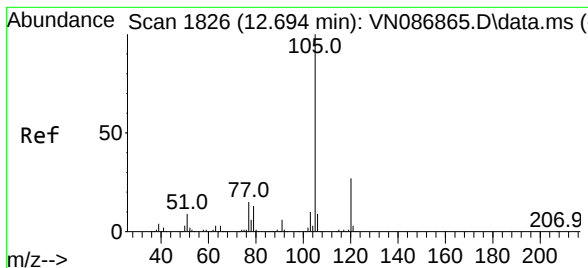


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



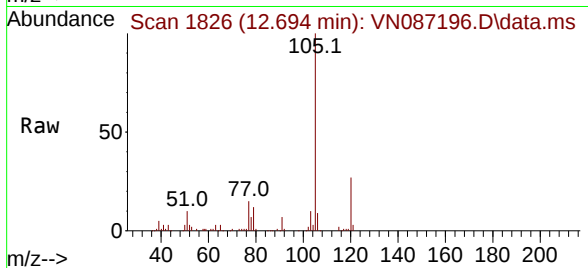
Tgt Ion:152 Resp: 129250
Ion Ratio Lower Upper
152 100
115 61.0 30.1 90.5
150 164.9 0.0 345.0





#73
Isopropylbenzene
Concen: 18.073 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

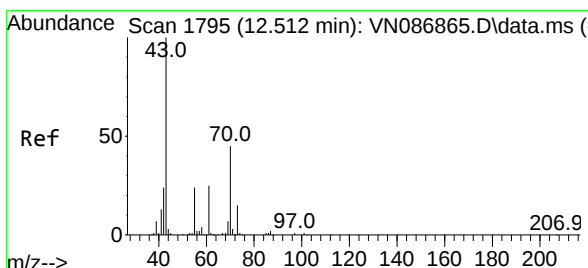
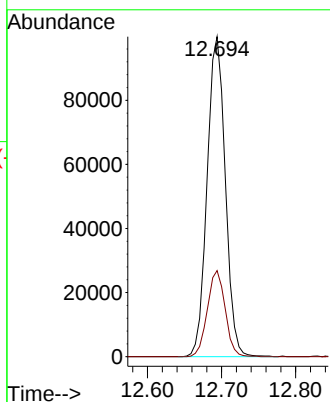
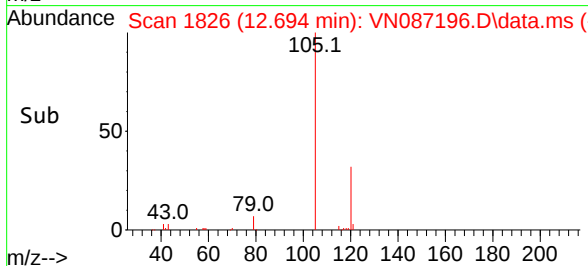
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



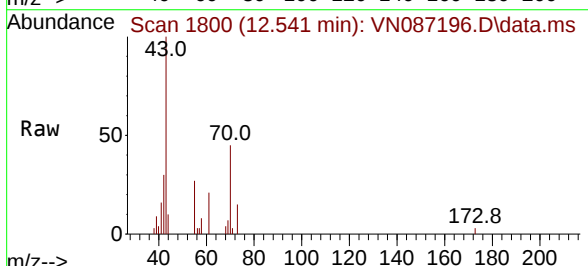
Tgt Ion:105 Resp: 17017
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

Manual Integrations
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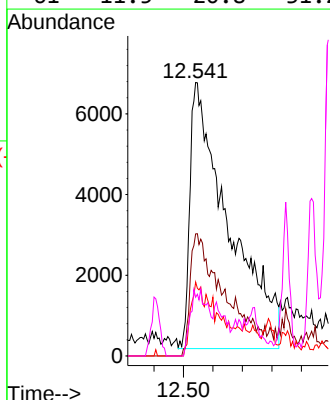
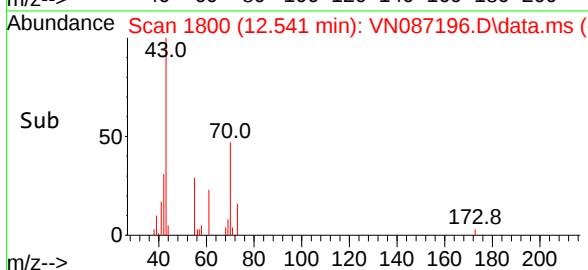
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

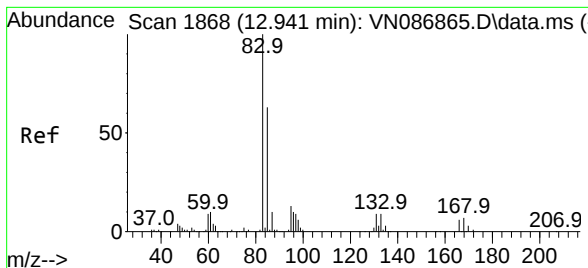


#74
N-ethyl acetate
Concen: 18.250 ug/l m
RT: 12.541 min Scan# 1800
Delta R.T. 0.029 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



Tgt Ion: 43 Resp: 60050
Ion Ratio Lower Upper
43 100
70 19.3 37.6 56.4#
55 8.6 19.0 28.6#
61 11.5 20.8 31.2#





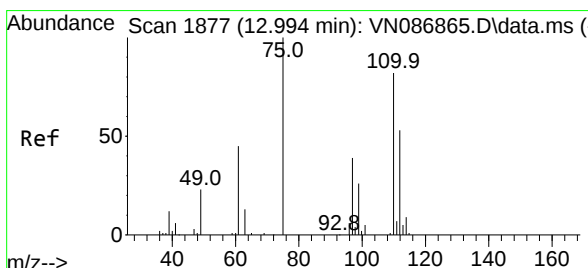
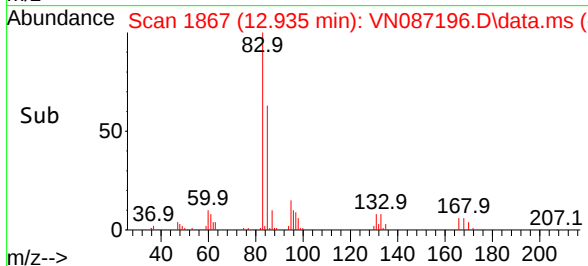
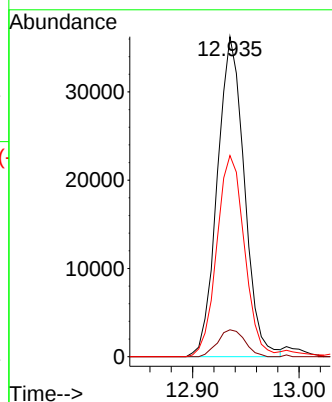
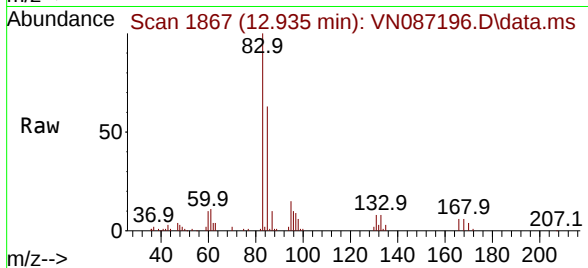
#75
1,1,2,2-Tetrachloroethane
Concen: 20.043 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion: 83 Resp: 63935
Ion Ratio Lower Upper
83 100
131 8.5 4.9 14.7
85 64.2 32.0 96.0

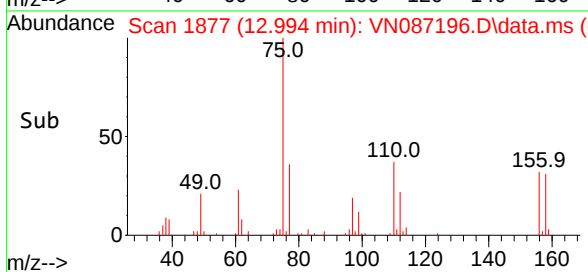
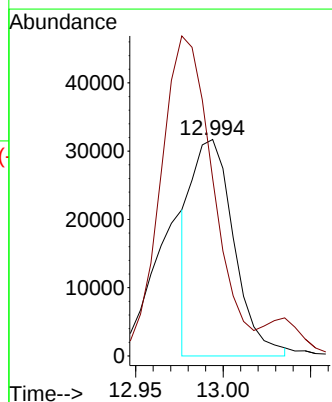
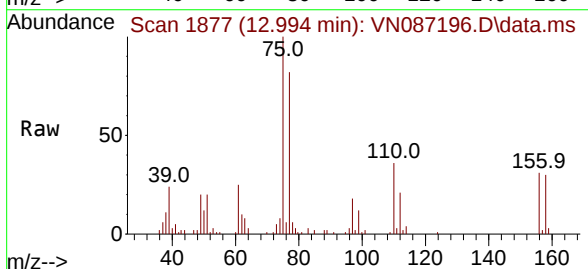
Manual Integrations
APPROVED

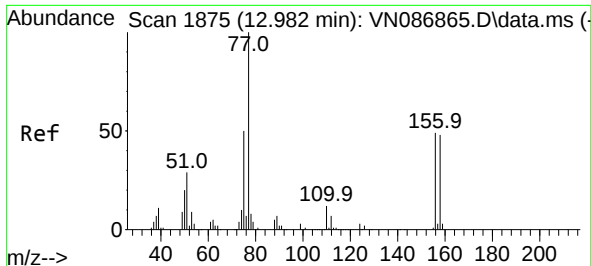
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#76
1,2,3-Trichloropropane
Concen: 17.380 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion: 75 Resp: 53397
Ion Ratio Lower Upper
75 100
77 184.1 79.3 237.9





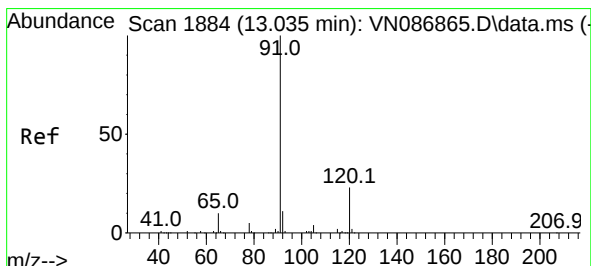
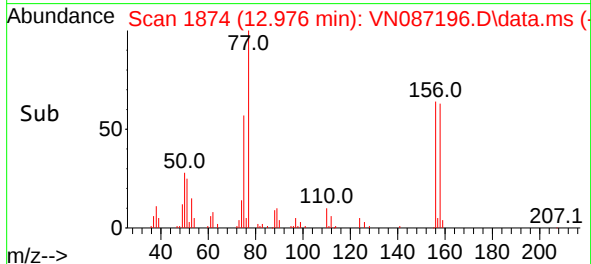
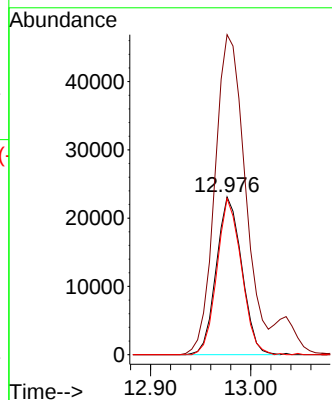
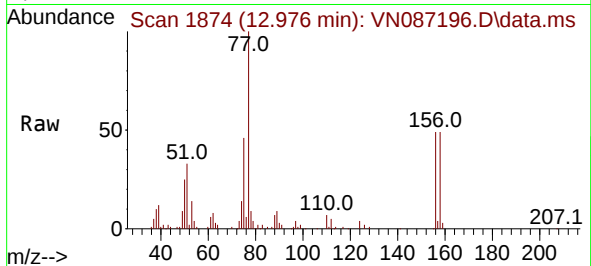
#77
Bromobenzene
Concen: 18.895 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion:156 Resp: 4080
Ion Ratio Lower Upper
156 100
77 240.9 117.7 353.1
158 95.2 48.1 144.4

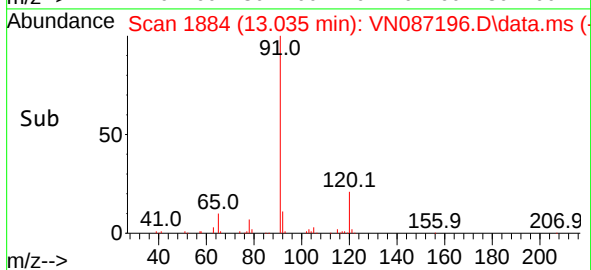
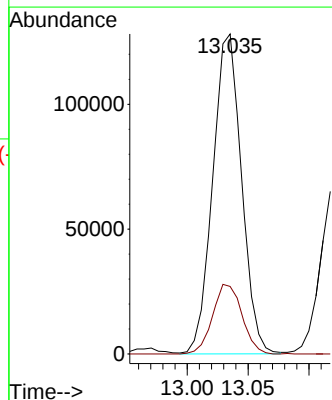
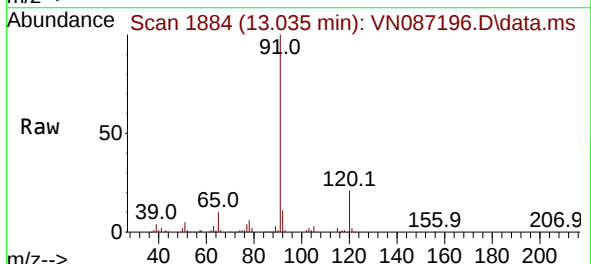
Manual Integrations
APPROVED

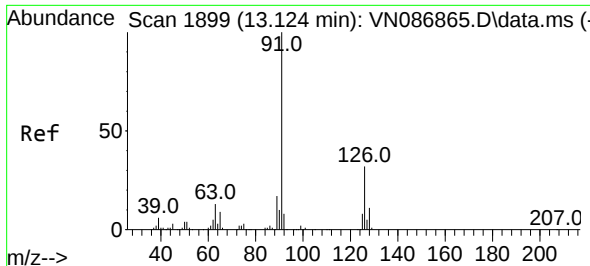
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#78
n-propylbenzene
Concen: 18.396 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

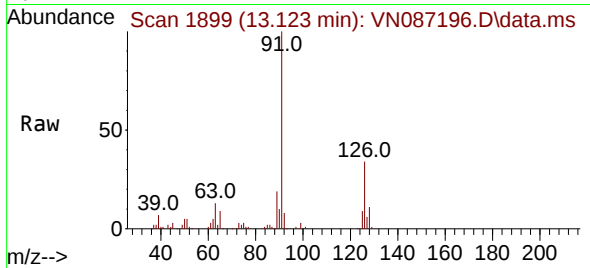
Tgt Ion: 91 Resp: 210500
Ion Ratio Lower Upper
91 100
120 22.2 11.4 34.2





#79
2-Chlorotoluene
Concen: 18.009 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

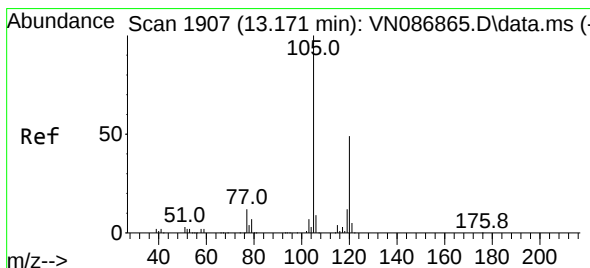
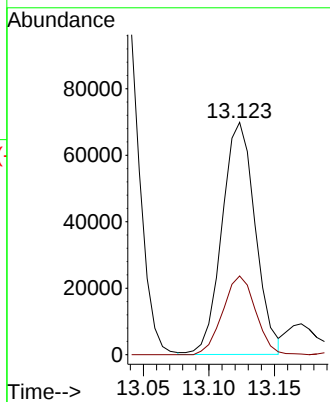
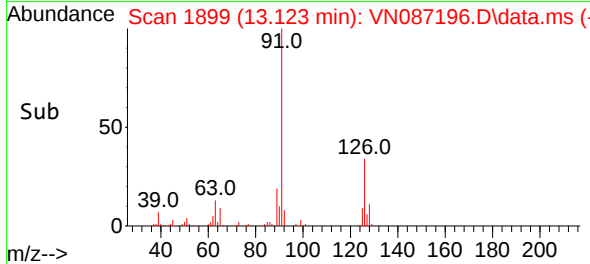
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



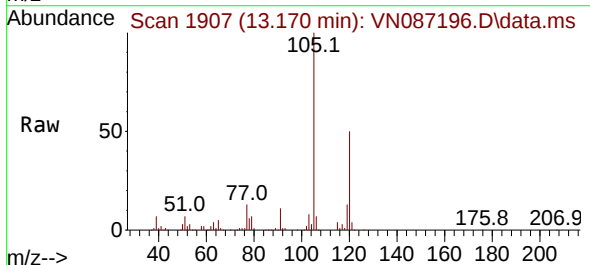
Tgt Ion: 91 Resp: 12358
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.5

Manual Integrations
APPROVED

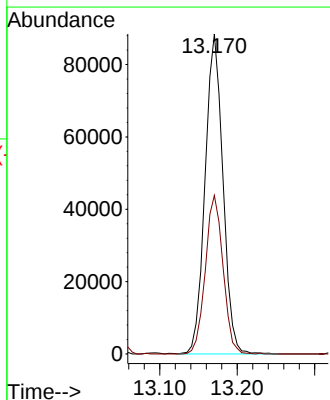
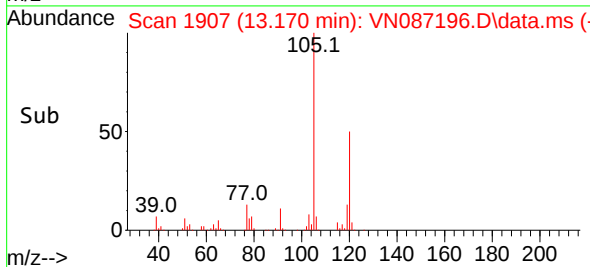
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

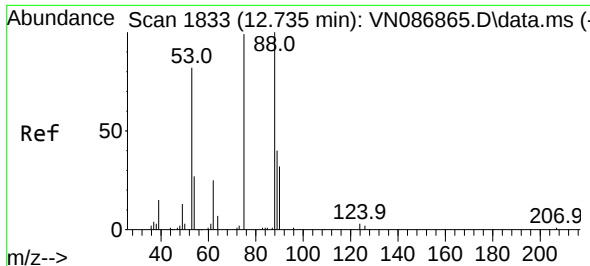


#80
1,3,5-Trimethylbenzene
Concen: 18.168 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



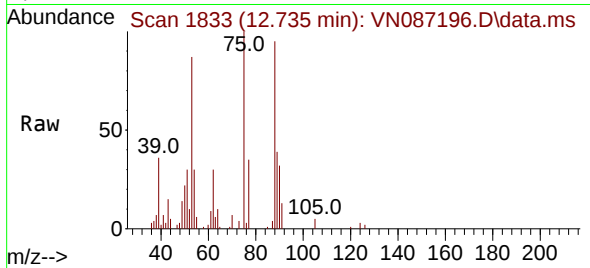
Tgt Ion:105 Resp: 141237
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.453 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

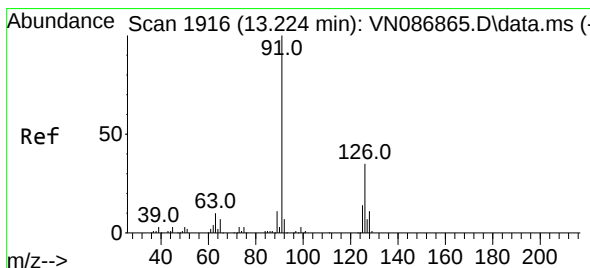
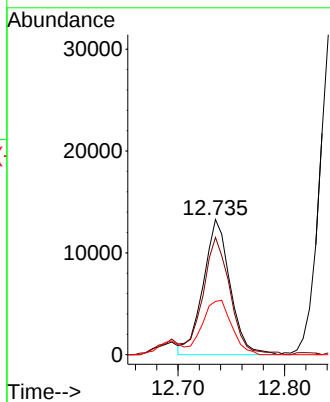
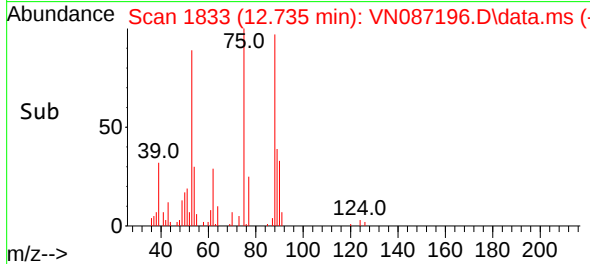
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



Tgt Ion: 75 Resp: 23294
Ion Ratio Lower Upper
75 100
53 88.1 66.6 99.8
89 43.8 36.7 55.1

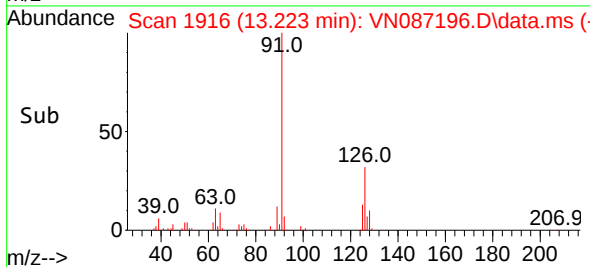
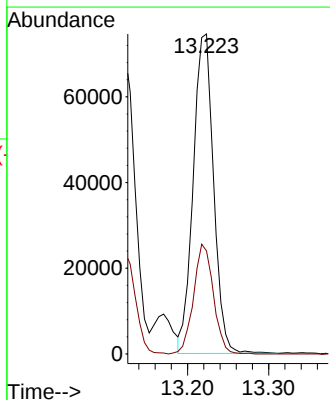
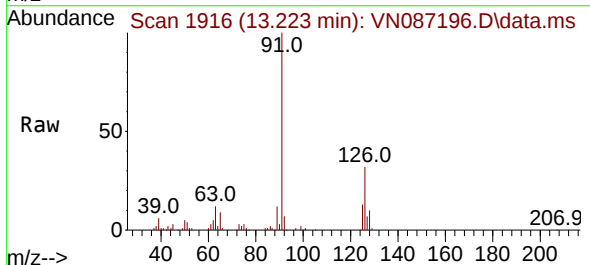
Manual Integrations
APPROVED

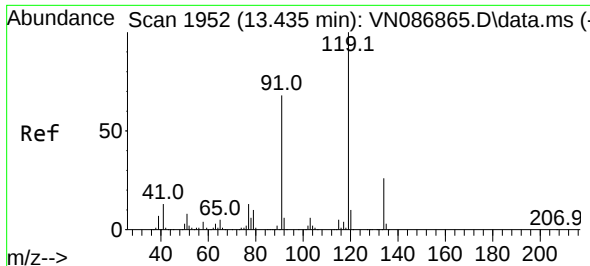
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#82
4-Chlorotoluene
Concen: 18.745 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

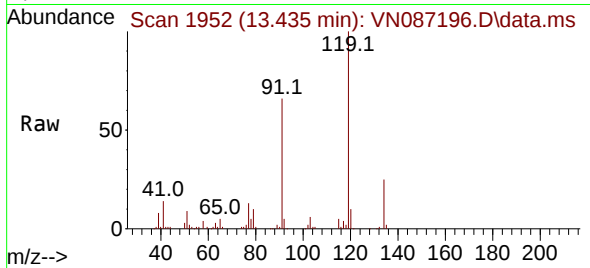
Tgt Ion: 91 Resp: 130155
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.1





#83
tert-Butylbenzene
Concen: 16.792 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

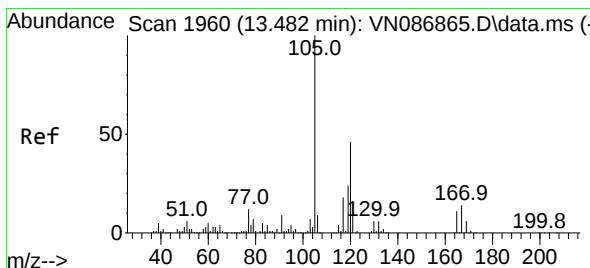
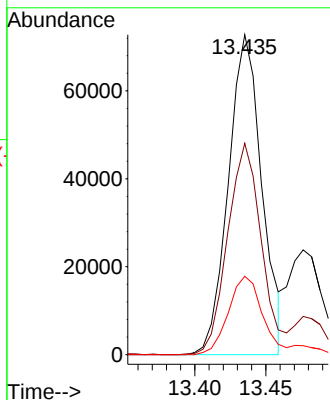
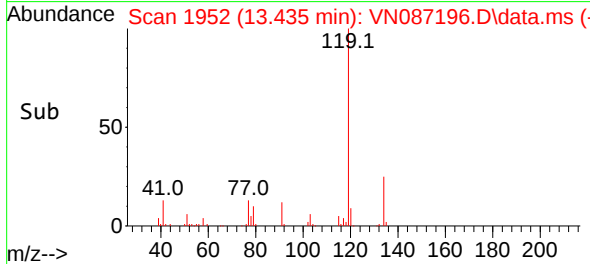
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



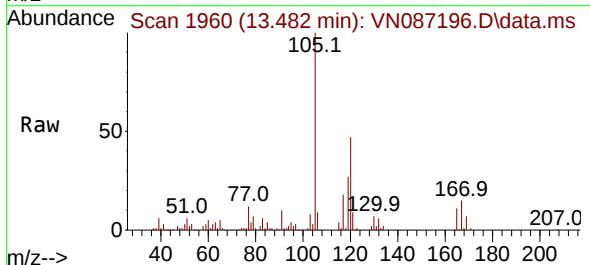
Tgt Ion:119 Resp: 119492
Ion Ratio Lower Upper
119 100
91 66.9 32.1 96.5
134 24.8 13.4 40.1

Manual Integrations
APPROVED

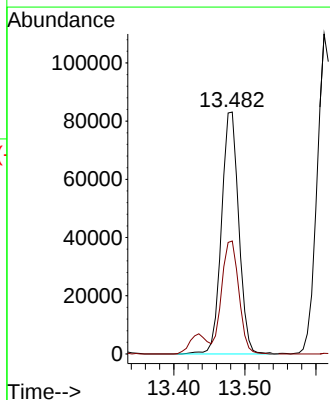
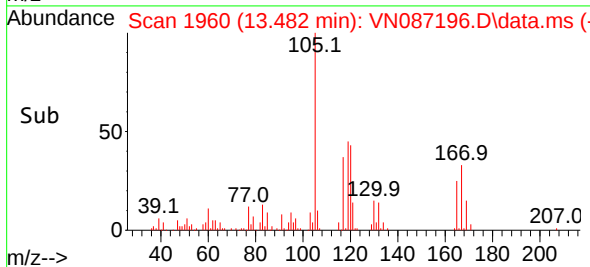
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

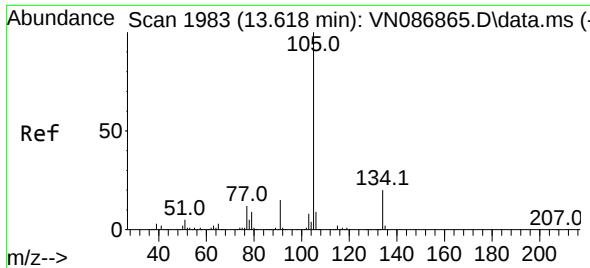


#84
1,2,4-Trimethylbenzene
Concen: 17.948 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31



Tgt Ion:105 Resp: 139910
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





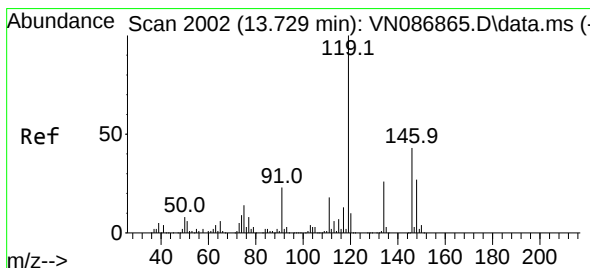
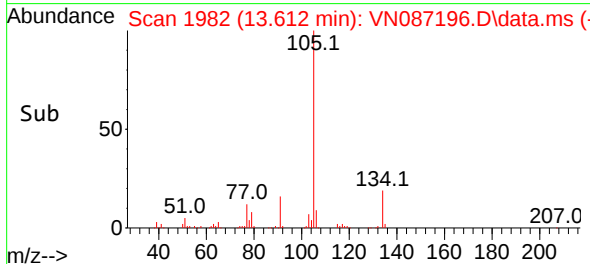
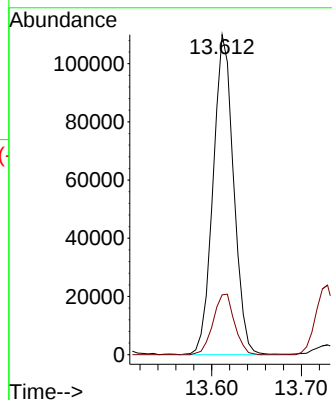
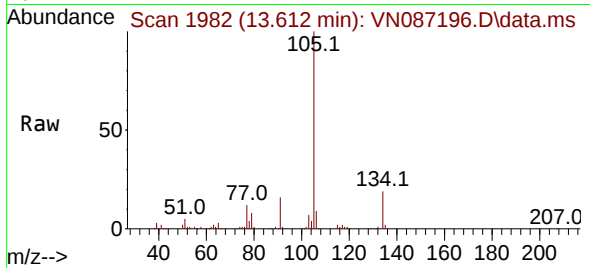
#85
 sec-Butylbenzene
 Concen: 16.888 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087196.D
 Acq: 26 Jun 2025 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Tgt Ion:105 Resp: 174520
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0

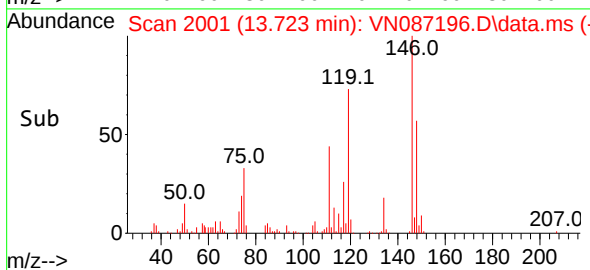
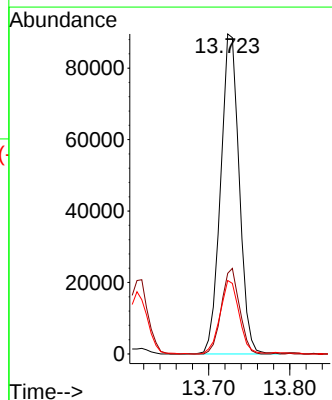
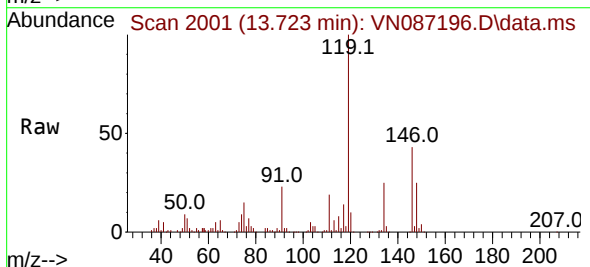
Manual Integrations
 APPROVED

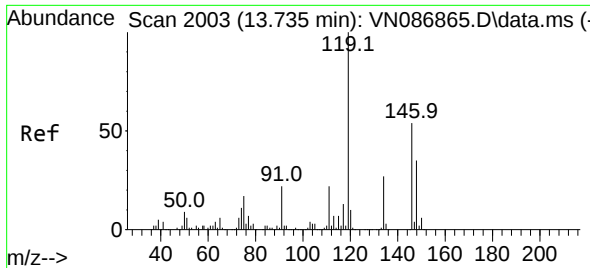
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#86
 p-Isopropyltoluene
 Concen: 16.716 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087196.D
 Acq: 26 Jun 2025 15:31

Tgt Ion:119 Resp: 142797
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.4
 91 23.6 11.5 34.4





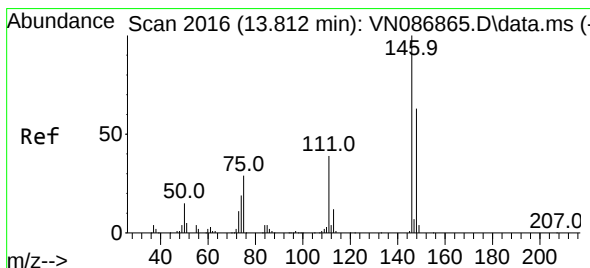
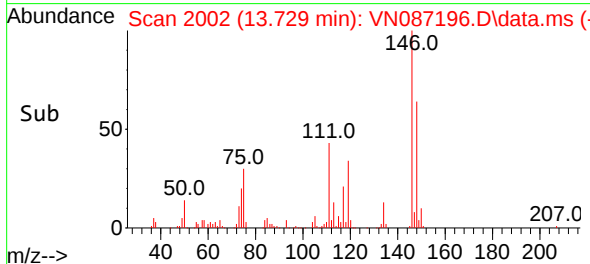
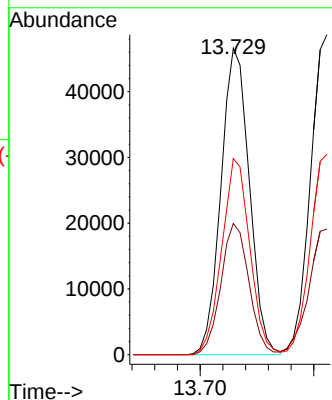
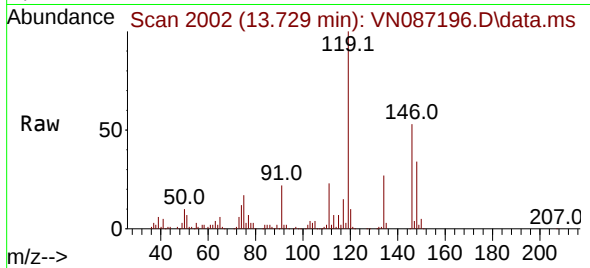
#87
1,3-Dichlorobenzene
Concen: 19.054 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion:146 Resp: 8095
Ion Ratio Lower Upper
146 100
111 42.4 20.9 62.8
148 63.2 32.0 96.2

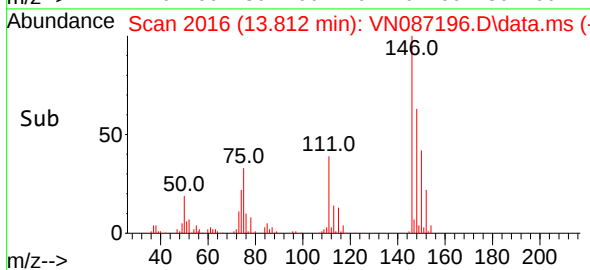
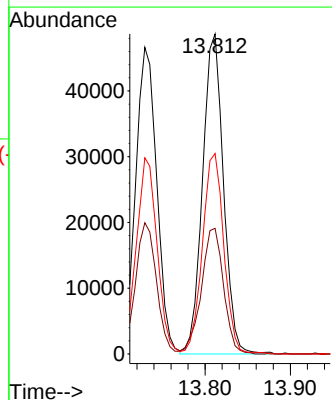
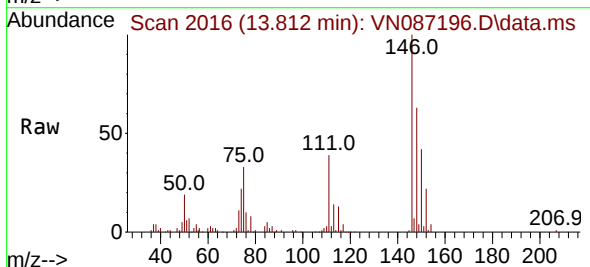
Manual Integrations
APPROVED

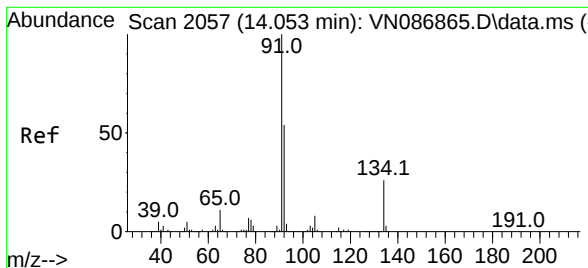
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#88
1,4-Dichlorobenzene
Concen: 19.160 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion:146 Resp: 82991
Ion Ratio Lower Upper
146 100
111 41.7 19.9 59.7
148 64.2 31.8 95.4





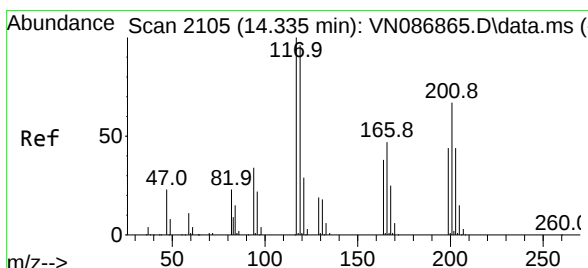
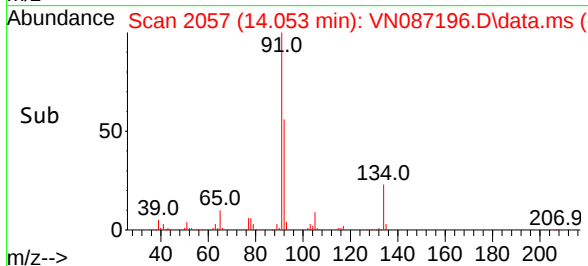
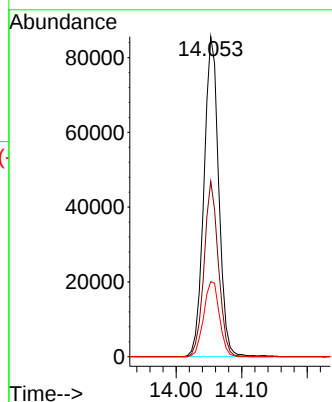
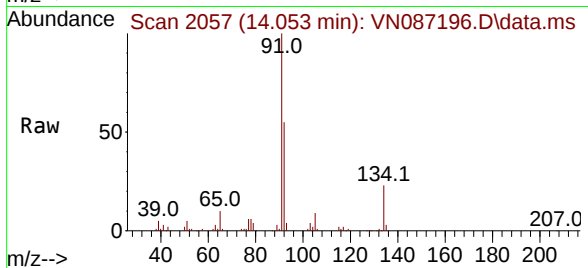
#89
n-Butylbenzene
Concen: 16.270 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion: 91 Resp: 134628
Ion Ratio Lower Upper
91 100
92 52.9 27.5 82.4
134 24.9 13.0 39.0

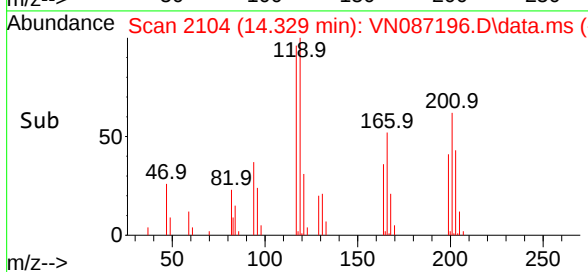
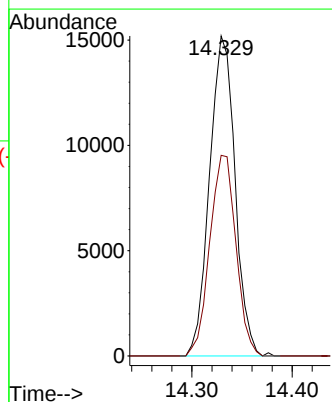
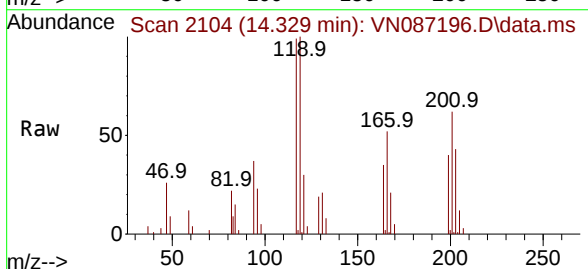
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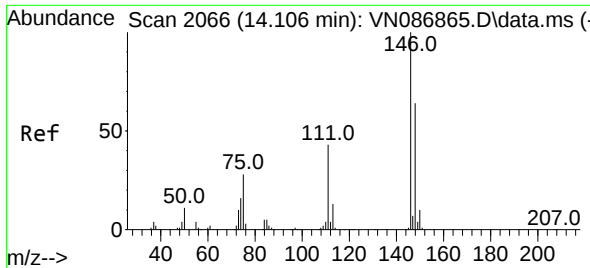
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#90
Hexachloroethane
Concen: 18.510 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion:117 Resp: 26802
Ion Ratio Lower Upper
117 100
201 64.4 33.2 99.6





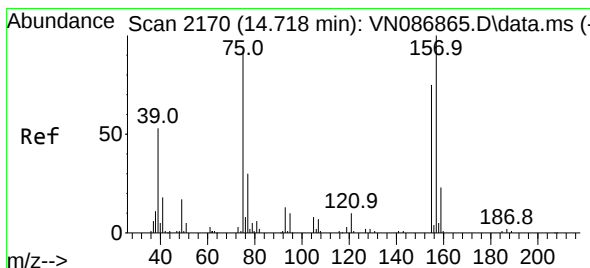
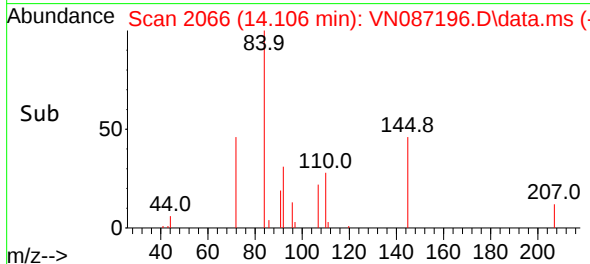
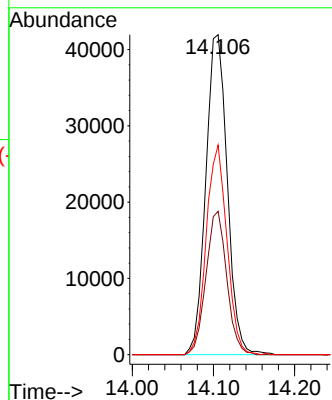
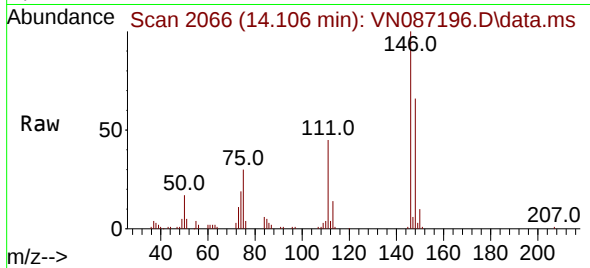
#91
1,2-Dichlorobenzene
Concen: 18.857 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02

Tgt Ion:146 Resp: 76972
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 63.0 31.7 95.1

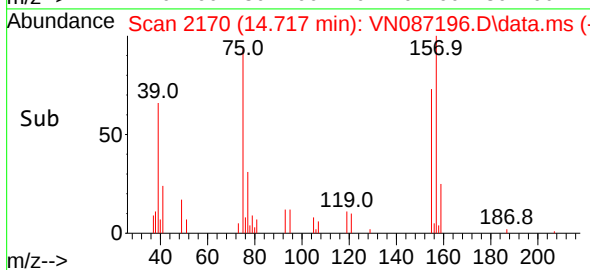
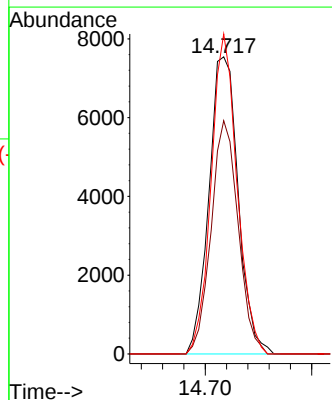
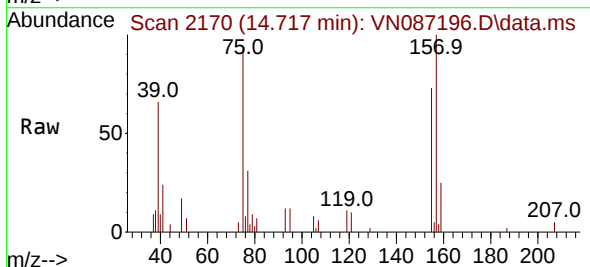
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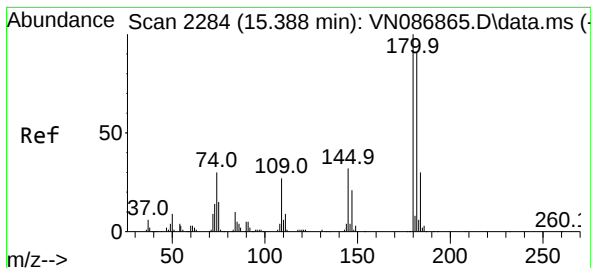
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.847 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion: 75 Resp: 14378
Ion Ratio Lower Upper
75 100
155 72.7 41.1 123.4
157 95.6 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 16.551 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS02

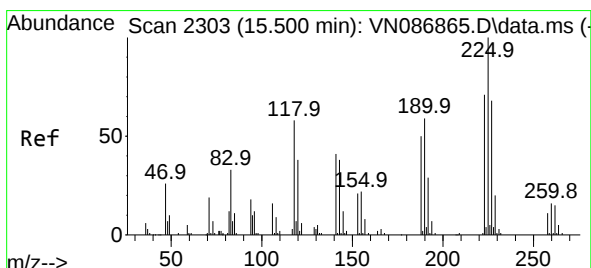
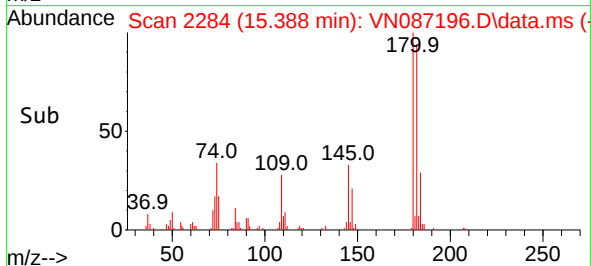
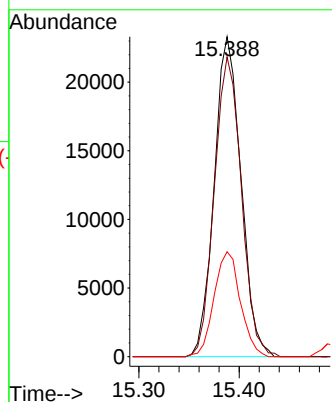
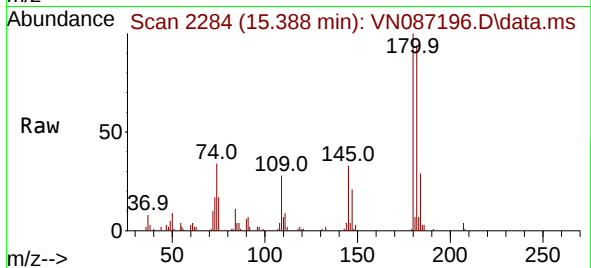
Tgt Ion:180	Resp:	43140
Ion Ratio	Lower	Upper
180	100	
182	94.4	46.9 140.7
145	32.2	16.0 47.9

Manual Integrations

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Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#94

Hexachlorobutadiene

Concen: 14.049 ug/l

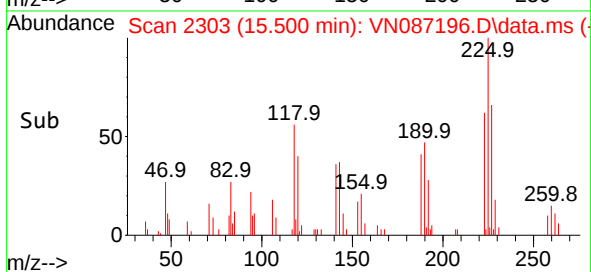
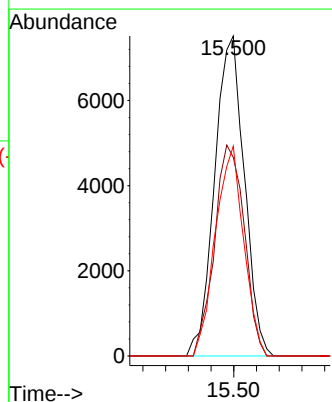
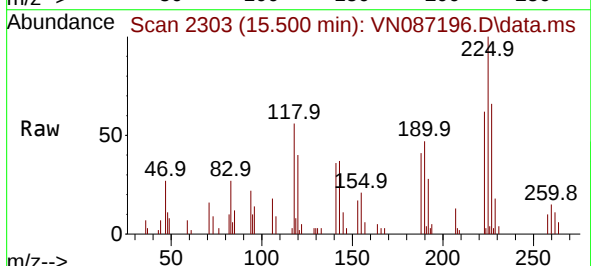
RT: 15.500 min Scan# 2303

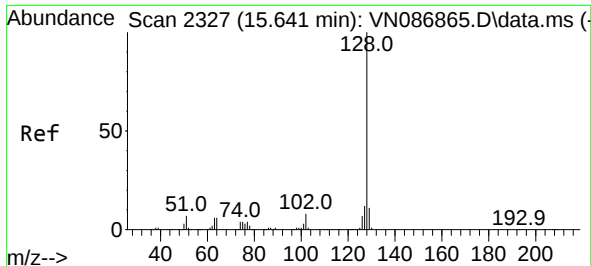
Delta R.T. -0.000 min

Lab File: VN087196.D

Acq: 26 Jun 2025 15:31

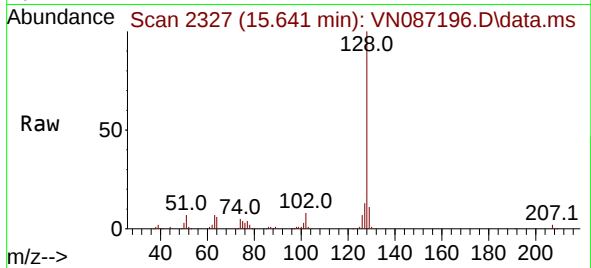
Tgt Ion:225	Resp:	13643
Ion Ratio	Lower	Upper
225	100	
223	66.2	33.5 100.4
227	62.5	31.1 93.5





#95
Naphthalene
Concen: 16.199 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

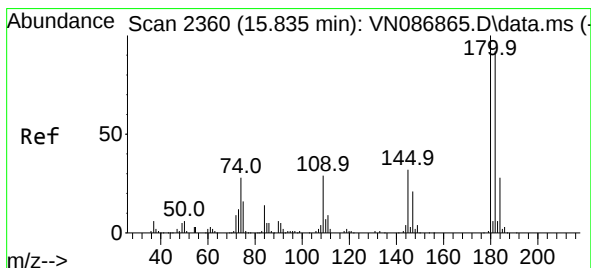
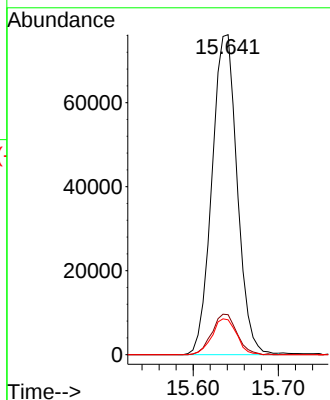
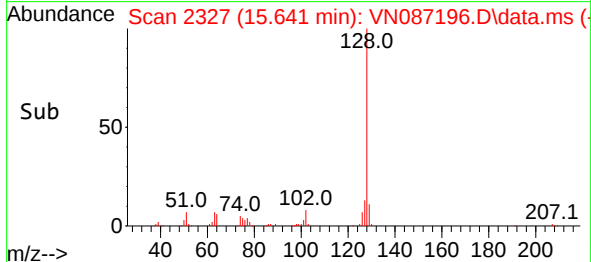
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS02



Tgt Ion:128 Resp: 157159
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.232 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087196.D
Acq: 26 Jun 2025 15:31

Tgt Ion:180 Resp: 42036
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.0
145 32.8 16.6 49.8

