

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087126.D
 Acq On : 20 Jun 2025 10:40
 Operator : JC\MD
 Sample : VN0620WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2025
 Supervised By : Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 23:00:59 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)

Internal Standards						
1) Pentafluorobenzene	8.230	168	165924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	109313	49.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.420%		
35) Dibromofluoromethane	8.177	113	93740	53.328	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.660%		
50) Toluene-d8	10.565	98	338168	48.596	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.200%		
62) 4-Bromofluorobenzene	12.847	95	128895	49.855	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	29127	17.606	ug/l	96
3) Chloromethane	2.395	50	31138	14.576	ug/l #	88
4) Vinyl Chloride	2.553	62	40616	18.431	ug/l	95
5) Bromomethane	3.000	94	24440	19.818	ug/l	92
6) Chloroethane	3.159	64	26090	18.328	ug/l	92
7) Trichlorofluoromethane	3.530	101	53088	18.438	ug/l	99
8) Diethyl Ether	3.989	74	23389	18.644	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.400	101	33757	18.661	ug/l	98
10) Methyl Iodide	4.612	142	25126	10.715	ug/l	96
11) Tert butyl alcohol	5.530	59	44748	74.234	ug/l	100
12) 1,1-Dichloroethene	4.371	96	33725	18.261	ug/l	91
13) Acrolein	4.206	56	21448	112.408	ug/l	99
14) Allyl chloride	5.047	41	48588	15.864	ug/l	94
15) Acrylonitrile	5.736	53	121205	86.026	ug/l	100
16) Acetone	4.447	43	92971	78.916	ug/l	93
17) Carbon Disulfide	4.736	76	95114	18.619	ug/l	99
18) Methyl Acetate	5.047	43	52788	15.376	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	121995	18.244	ug/l	99
20) Methylene Chloride	5.300	84	40698	18.452	ug/l #	91
21) trans-1,2-Dichloroethene	5.800	96	36566	17.796	ug/l	87
22) Diisopropyl ether	6.683	45	112420	17.413	ug/l	97
23) Vinyl Acetate	6.618	43	489438	89.728	ug/l	99
24) 1,1-Dichloroethane	6.588	63	67845	18.261	ug/l	97
25) 2-Butanone	7.494	43	150937	78.820	ug/l	95
26) 2,2-Dichloropropane	7.500	77	56823	19.661	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	44677	18.181	ug/l	100
28) Bromochloromethane	7.818	49	30197	16.530	ug/l	95
29) Tetrahydrofuran	7.847	42	100272	80.381	ug/l	95
30) Chloroform	7.977	83	67361	18.155	ug/l	98
31) Cyclohexane	8.265	56	60080	16.674	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	57523	18.228	ug/l	94
36) 1,1-Dichloropropene	8.377	75	48186	18.396	ug/l	98
37) Ethyl Acetate	7.565	43	57727	17.313	ug/l	98
38) Carbon Tetrachloride	8.371	117	47087	18.311	ug/l	92
39) Methylcyclohexane	9.606	83	56497	15.744	ug/l	96
40) Benzene	8.612	78	155094	18.107	ug/l	100

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 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)
41) Methacrylonitrile	7.782	41	30614	16.348	ug/l	94
42) 1,2-Dichloroethane	8.677	62	49897	19.206	ug/l	100
43) Isopropyl Acetate	8.694	43	91091	17.021	ug/l	97
44) Trichloroethene	9.353	130	38010	18.715	ug/l	97
45) 1,2-Dichloropropane	9.624	63	38484	18.468	ug/l	99
46) Dibromomethane	9.712	93	27197	19.650	ug/l	98
47) Bromodichloromethane	9.888	83	52686	18.501	ug/l	99
48) Methyl methacrylate	9.682	41	39288	15.950	ug/l	93
49) 1,4-Dioxane	9.706	88	14542	324.516	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	278482	86.437	ug/l	100
52) Toluene	10.629	92	97851	18.694	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	58578	18.396	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	63447	18.622	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	38628	19.179	ug/l	98
56) Ethyl methacrylate	10.882	69	57681	17.980	ug/l	94
57) 1,3-Dichloropropane	11.165	76	65821	18.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	187581	98.034	ug/l	97
59) 2-Hexanone	11.206	43	156321	75.326	ug/l	93
60) Dibromochloromethane	11.359	129	39991	19.057	ug/l	99
61) 1,2-Dibromoethane	11.470	107	38714	18.753	ug/l	98
64) Tetrachloroethene	11.100	164	29858	18.043	ug/l	90
65) Chlorobenzene	11.888	112	107797	18.692	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	35426	19.110	ug/l	98
67) Ethyl Benzene	11.965	91	175109	17.628	ug/l	98
68) m/p-Xylenes	12.070	106	138965	36.546	ug/l	98
69) o-Xylene	12.394	106	67891	18.642	ug/l	94
70) Styrene	12.412	104	113953	18.286	ug/l	99
71) Bromoform	12.576	173	27231	19.825	ug/l #	99
73) Isopropylbenzene	12.694	105	164856	17.283	ug/l	100
74) N-amyl acetate	12.541	43	59103m	17.732	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	63113	19.531	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	58103m	18.669	ug/l	
77) Bromobenzene	12.976	156	41545	18.992	ug/l	95
78) n-propylbenzene	13.035	91	197986	17.080	ug/l	99
79) 2-Chlorotoluene	13.123	91	120647	17.355	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	136950	17.390	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	24309	17.979	ug/l	92
82) 4-Chlorotoluene	13.217	91	122808	17.459	ug/l	99
83) tert-Butylbenzene	13.435	119	116014	16.093	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	137747	17.443	ug/l	98
85) sec-Butylbenzene	13.612	105	167567	16.006	ug/l	100
86) p-Isopropyltoluene	13.729	119	137806	15.924	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	79721	18.523	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	81795	18.641	ug/l	99
89) n-Butylbenzene	14.053	91	123565	14.741	ug/l	99
90) Hexachloroethane	14.329	117	24288	16.558	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	73654	17.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13009	16.833	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	40239	15.239	ug/l	99
94) Hexachlorobutadiene	15.500	225	11633	11.825	ug/l	95
95) Naphthalene	15.635	128	157515	16.027	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38813	14.795	ug/l	99

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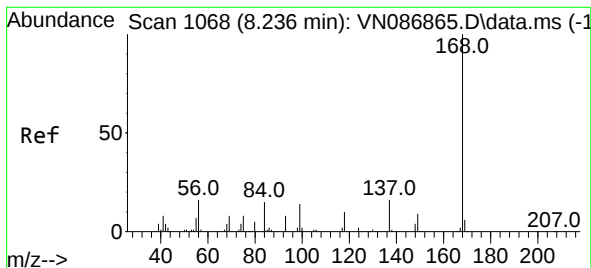
Manual Integrations
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Quant Time: Jun 20 23:00:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

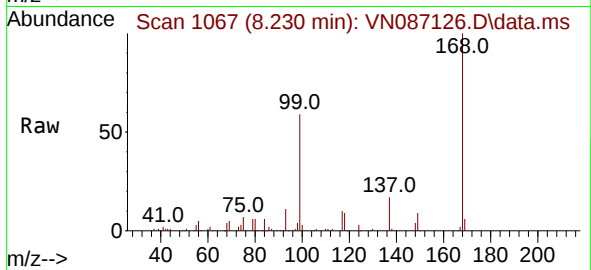
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
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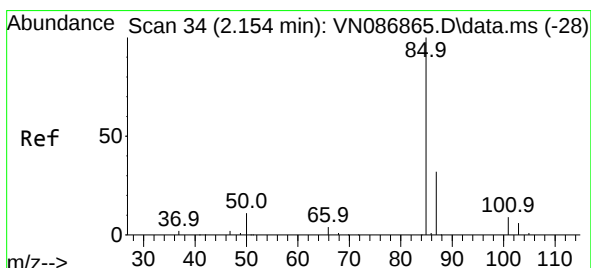
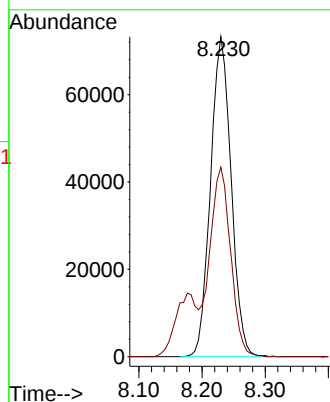
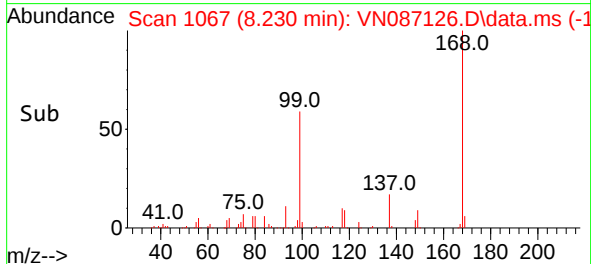
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion:168 Resp: 165924
Ion Ratio Lower Upper
168 100
99 59.2 49.1 73.7

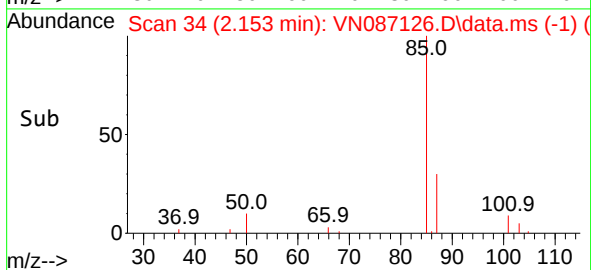
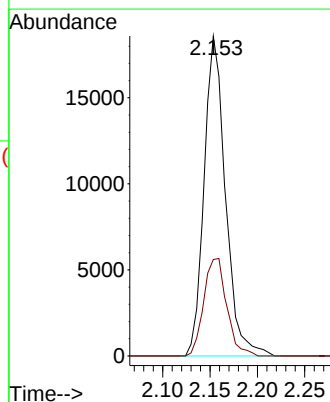
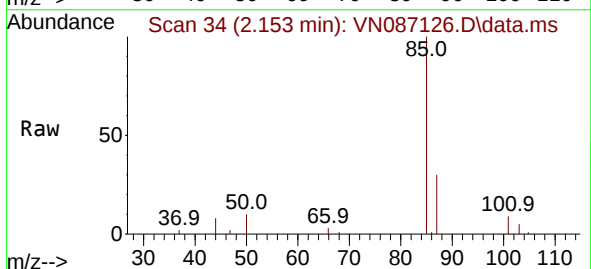
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#2
Dichlorodifluoromethane
Concen: 17.606 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

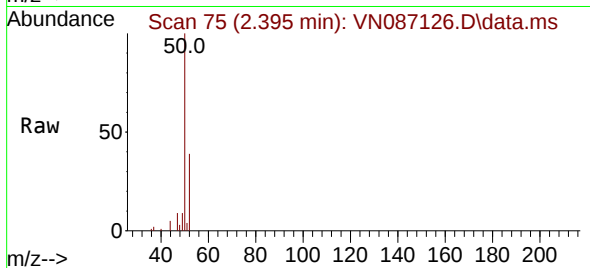
Tgt Ion: 85 Resp: 29127
Ion Ratio Lower Upper
85 100
87 30.2 16.2 48.6





#3
Chloromethane
Concen: 14.576 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

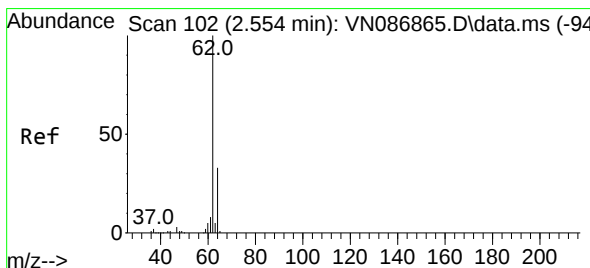
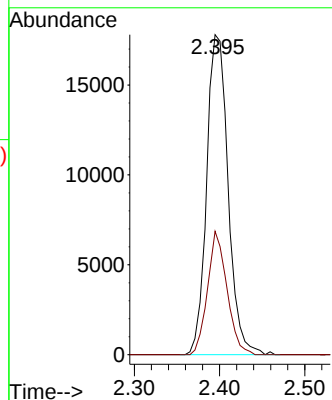
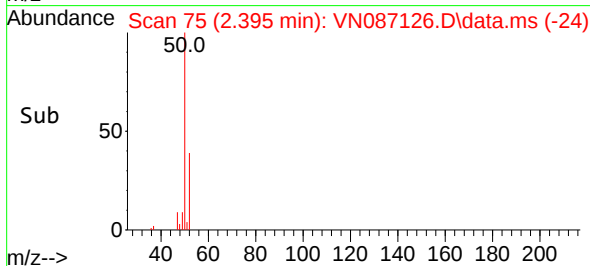
Instrument :
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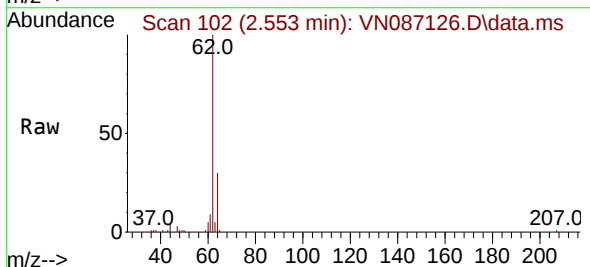
Tgt Ion: 50 Resp: 31138
Ion Ratio Lower Upper
50 100
52 38.6 25.7 38.5

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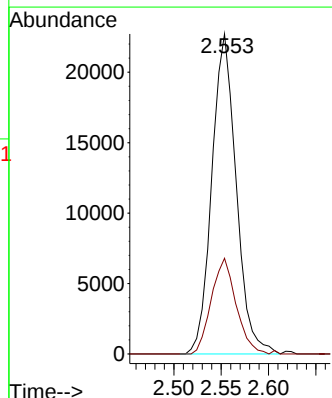
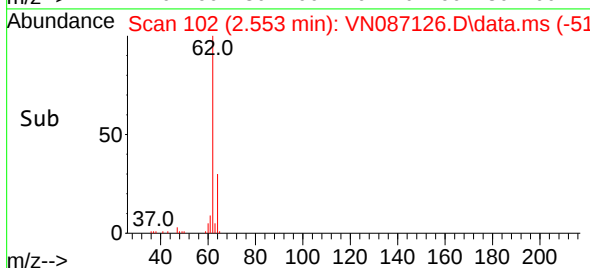
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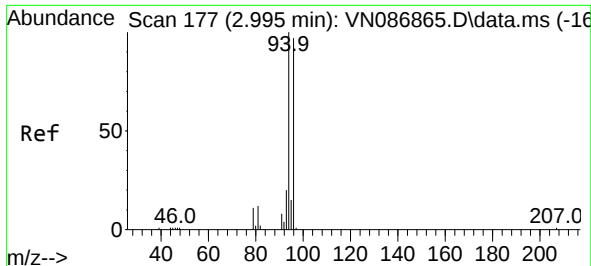


#4
Vinyl Chloride
Concen: 18.431 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



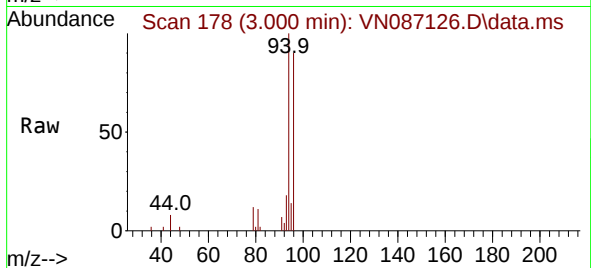
Tgt Ion: 62 Resp: 40616
Ion Ratio Lower Upper
62 100
64 29.9 26.0 39.0





#5
Bromomethane
Concen: 19.818 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

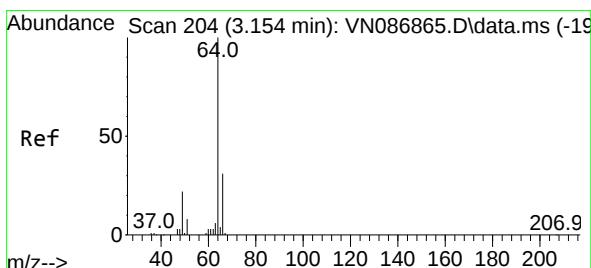
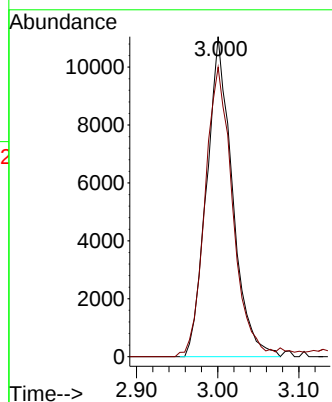
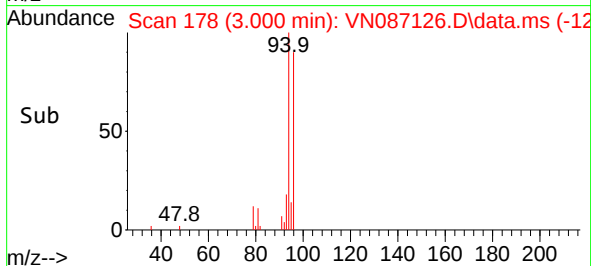
Instrument :
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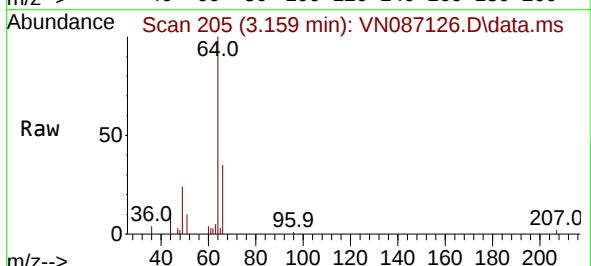
Tgt Ion: 94 Resp: 24440
Ion Ratio Lower Upper
94 100
96 89.1 77.9 116.9

Manual Integrations
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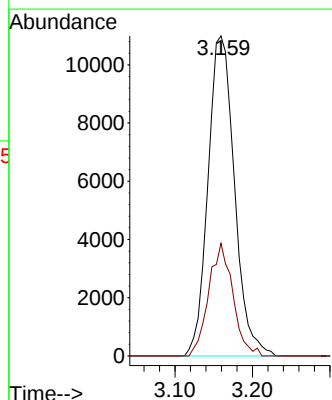
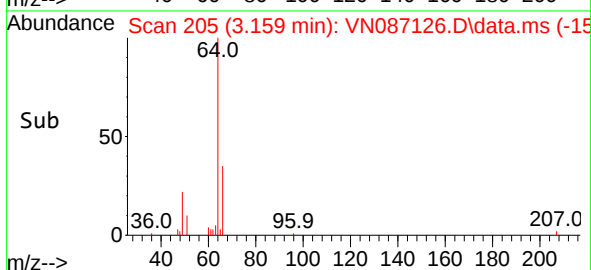
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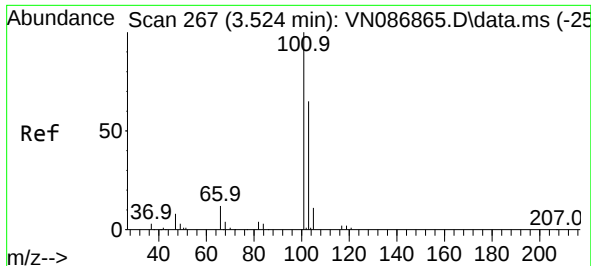


#6
Chloroethane
Concen: 18.328 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



Tgt Ion: 64 Resp: 26090
Ion Ratio Lower Upper
64 100
66 35.2 24.6 36.8





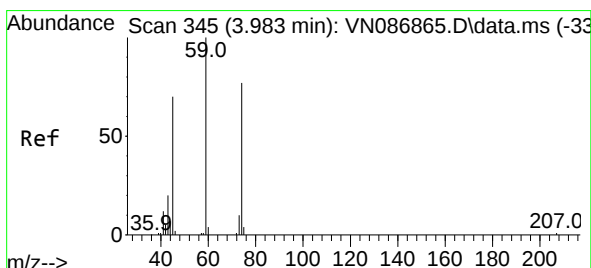
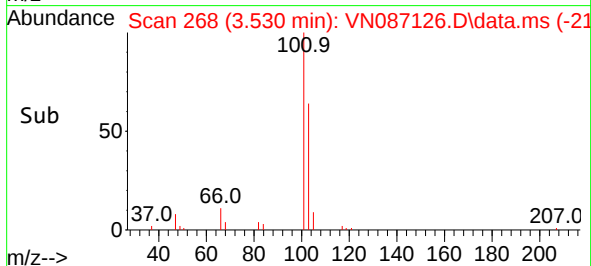
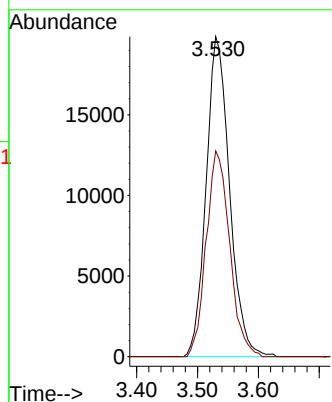
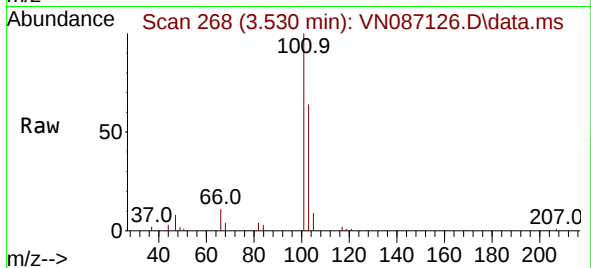
#7
 Trichlorofluoromethane
 Concen: 18.438 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN087126.D
 Acq: 20 Jun 2025 10:40

Instrument :
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 VN0620WBSD01

Tgt Ion:101 Resp: 5308
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.2

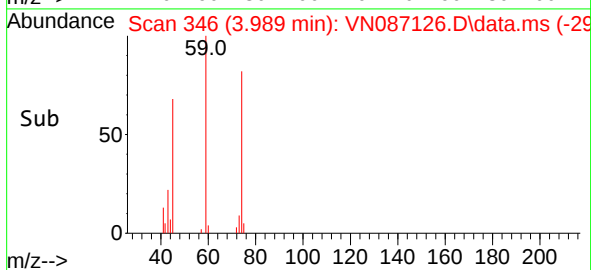
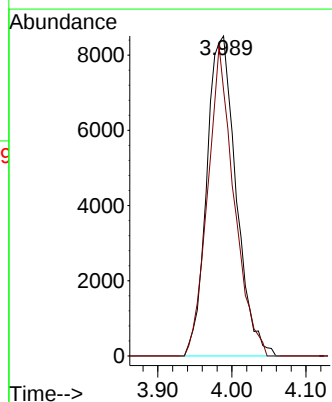
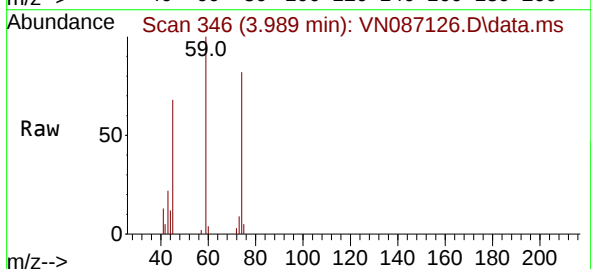
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#8
 Diethyl Ether
 Concen: 18.644 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087126.D
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Tgt Ion: 74 Resp: 23389
 Ion Ratio Lower Upper
 74 100
 45 86.9 45.5 136.5





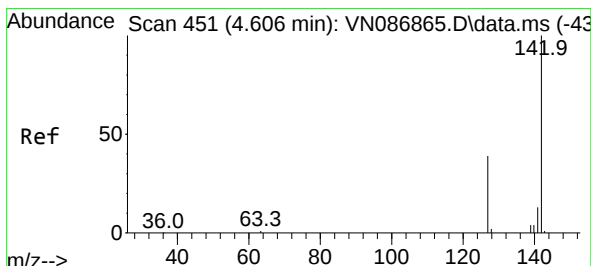
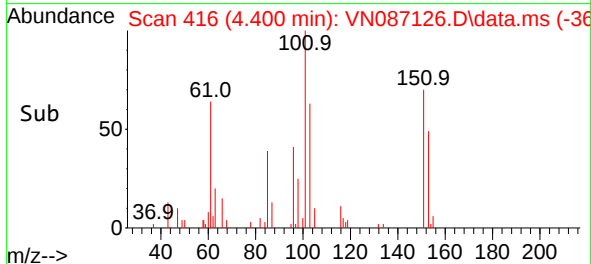
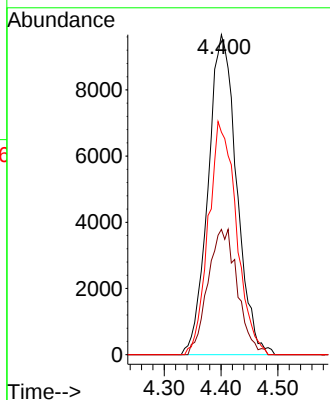
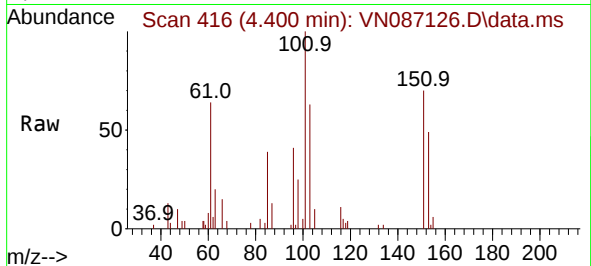
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.661 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087126.D
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Tgt Ion:101 Resp: 3375
Ion Ratio Lower Upper
101 100
85 40.7 33.8 50.8
151 71.6 58.7 88.1

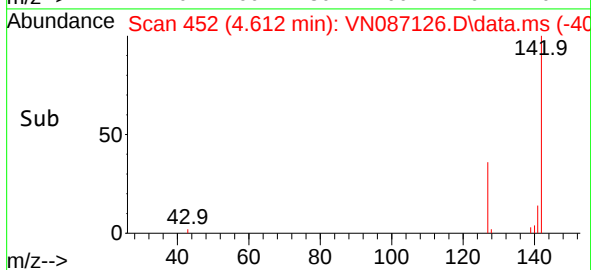
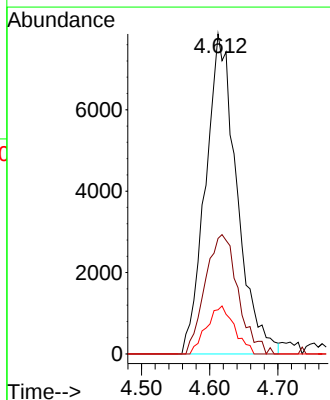
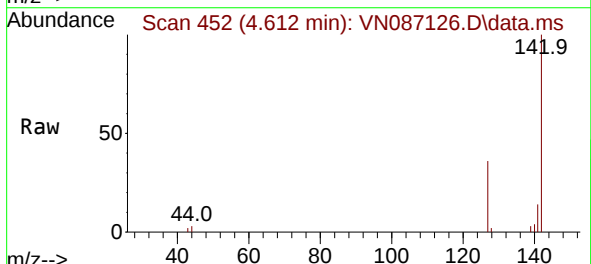
Manual Integrations
APPROVED

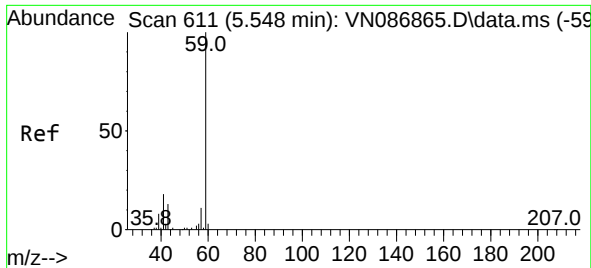
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#10
Methyl Iodide
Concen: 10.715 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion:142 Resp: 25126
Ion Ratio Lower Upper
142 100
127 36.1 30.9 46.3
141 13.8 10.4 15.6





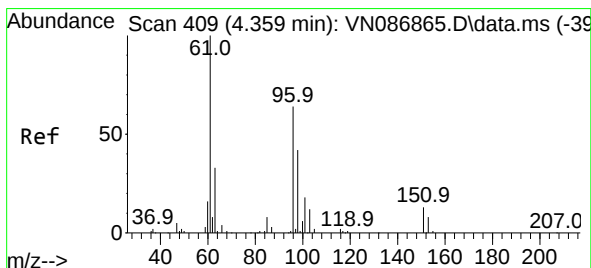
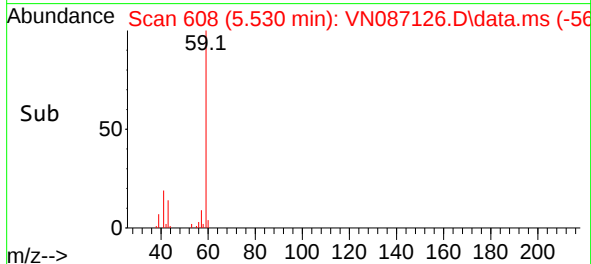
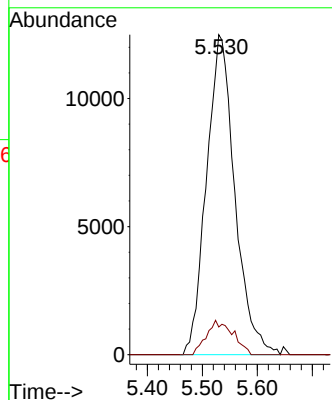
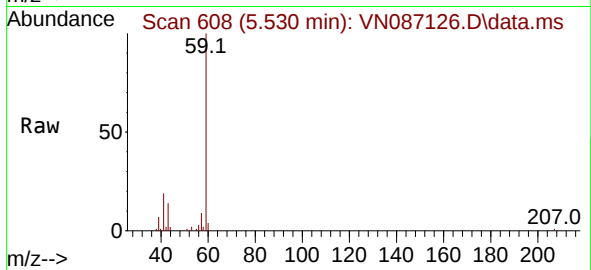
#11
Tert butyl alcohol
Concen: 74.234 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 59 Resp: 44748
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

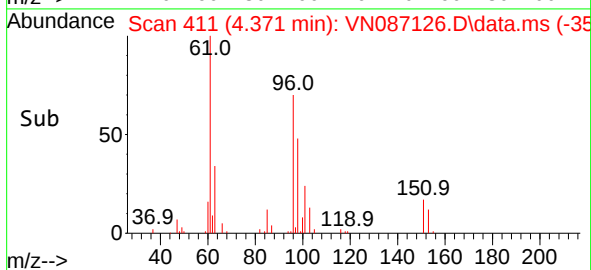
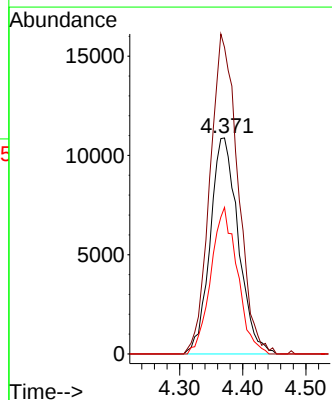
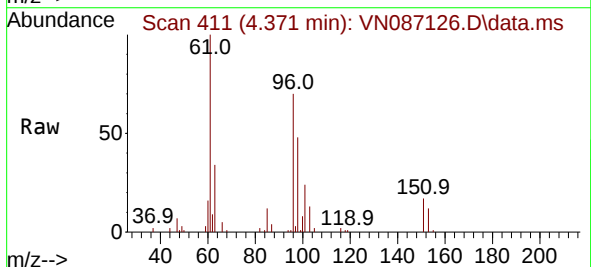
Manual Integrations
APPROVED

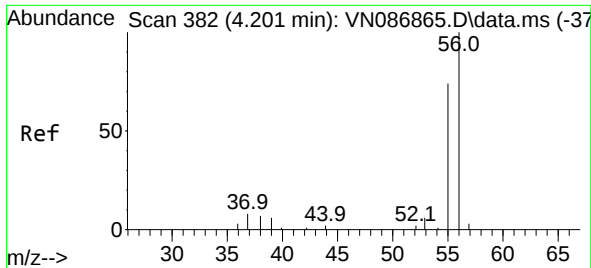
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#12
1,1-Dichloroethene
Concen: 18.261 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion: 96 Resp: 33725
Ion Ratio Lower Upper
96 100
61 141.9 125.8 188.6
98 67.9 52.5 78.7





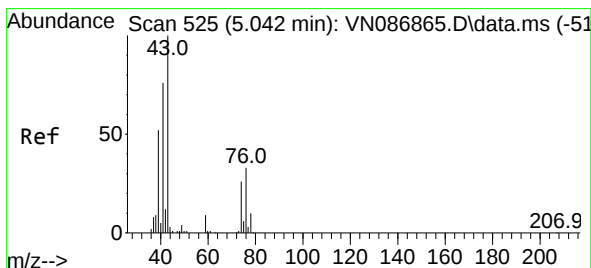
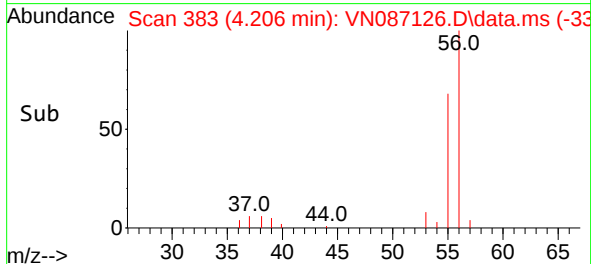
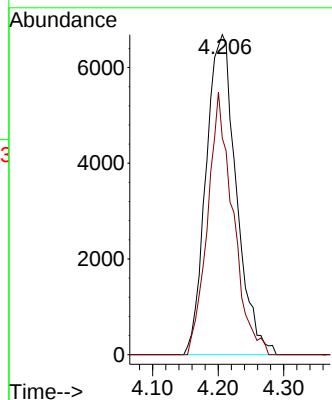
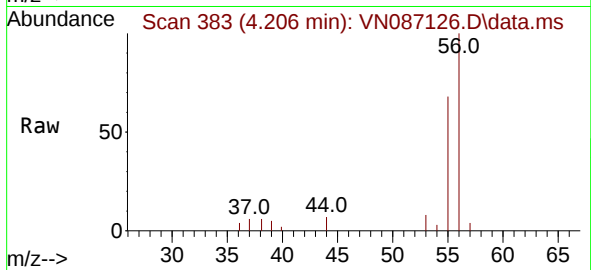
#13
Acrolein
Concen: 112.408 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 56 Resp: 21448
Ion Ratio Lower Upper
56 100
55 69.0 55.6 83.4

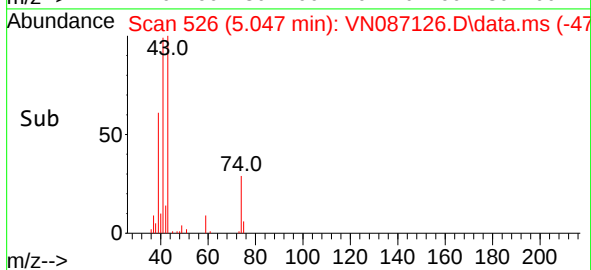
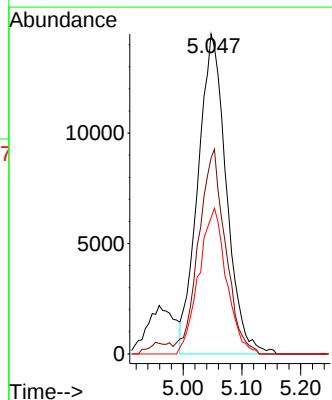
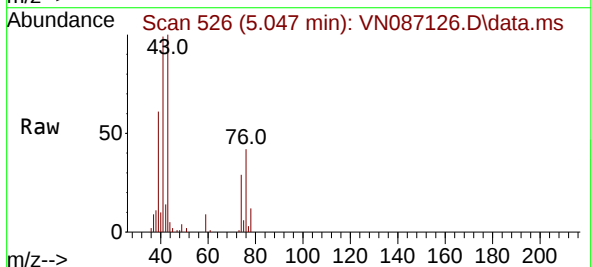
Manual Integrations
APPROVED

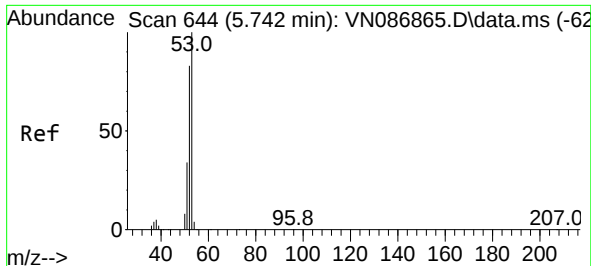
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#14
Allyl chloride
Concen: 15.864 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

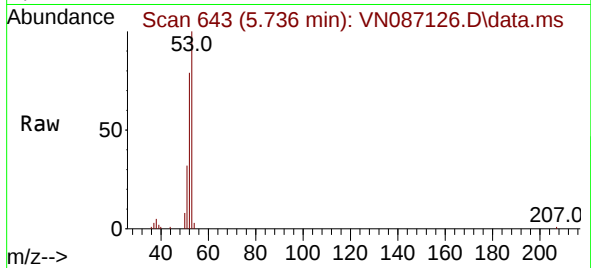
Tgt Ion: 41 Resp: 48588
Ion Ratio Lower Upper
41 100
39 60.8 51.3 76.9
76 44.2 31.4 47.0





#15
Acrylonitrile
Concen: 86.026 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

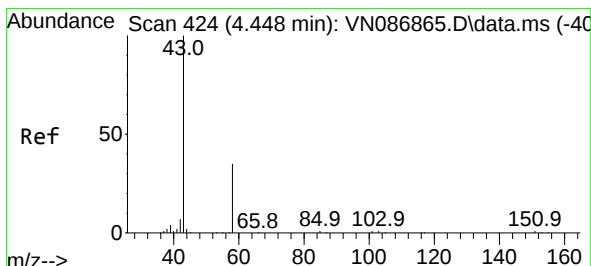
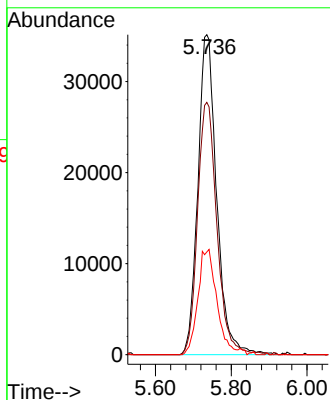
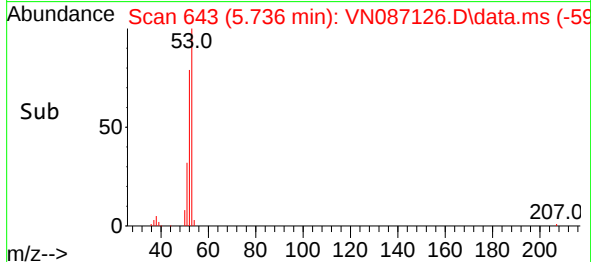
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 53 Resp: 121209
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.6
51 33.1 27.2 40.8

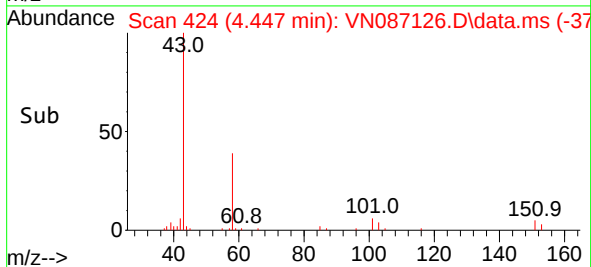
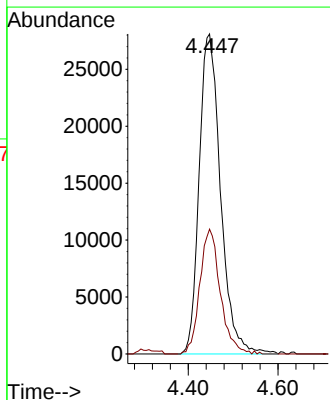
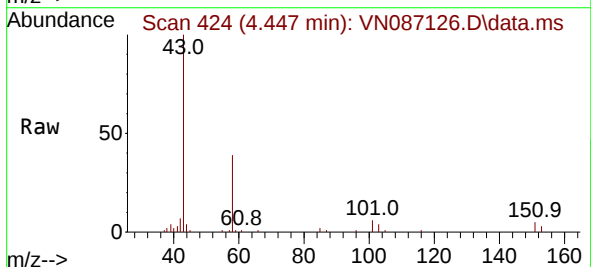
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#16
Acetone
Concen: 78.916 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion: 43 Resp: 92971
Ion Ratio Lower Upper
43 100
58 39.0 28.0 42.0





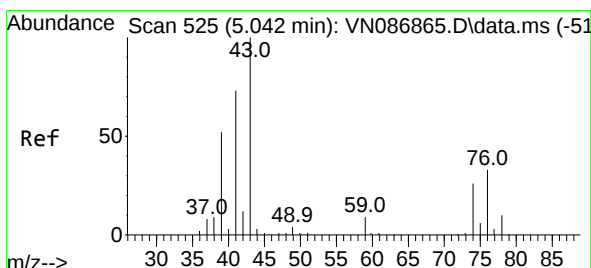
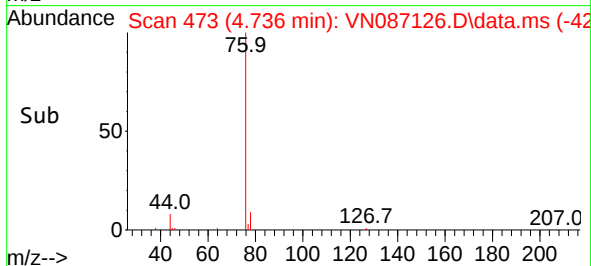
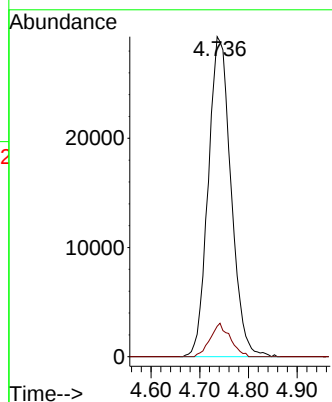
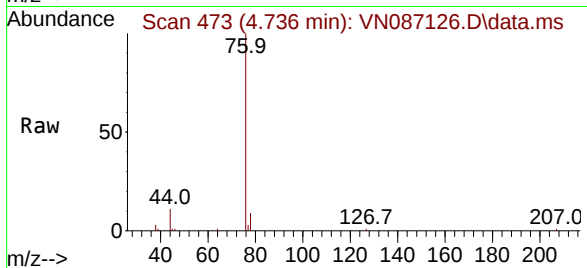
#17
Carbon Disulfide
Concen: 18.619 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 76 Resp: 95114
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

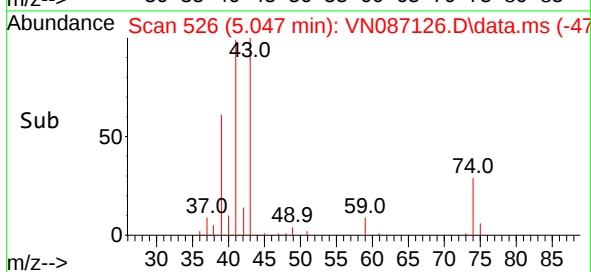
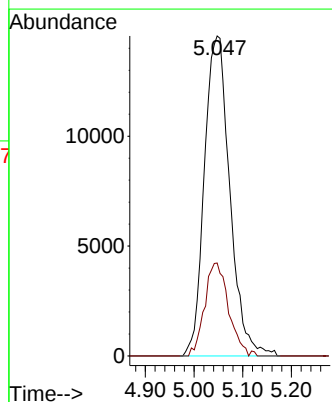
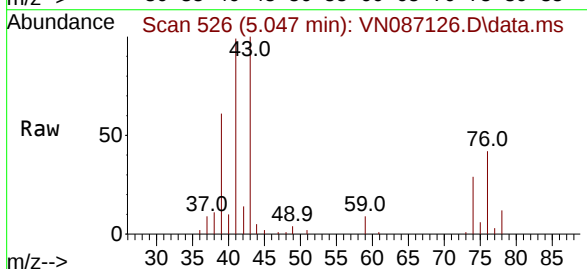
Manual Integrations
APPROVED

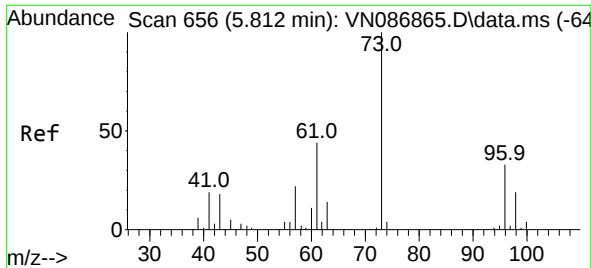
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#18
Methyl Acetate
Concen: 15.376 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion: 43 Resp: 52788
Ion Ratio Lower Upper
43 100
74 27.1 20.7 31.1





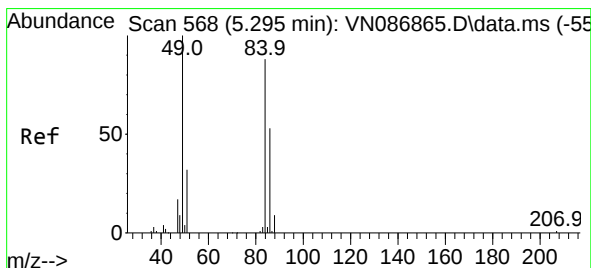
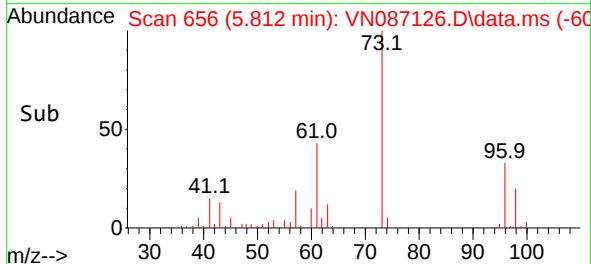
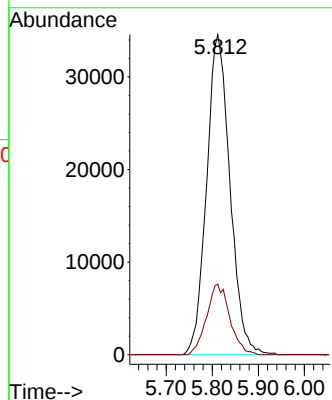
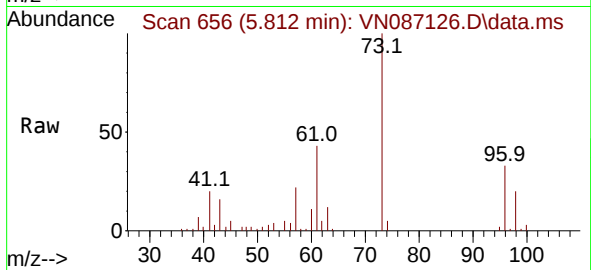
#19
Methyl tert-butyl Ether
Concen: 18.244 ug/l
RT: 5.812 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 73 Resp: 121998
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2

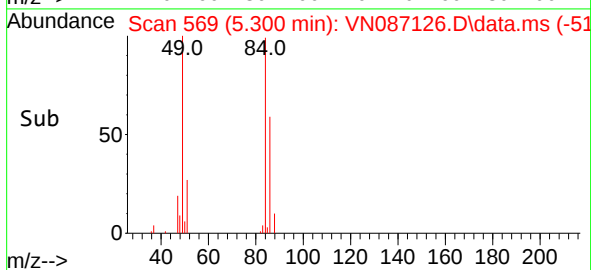
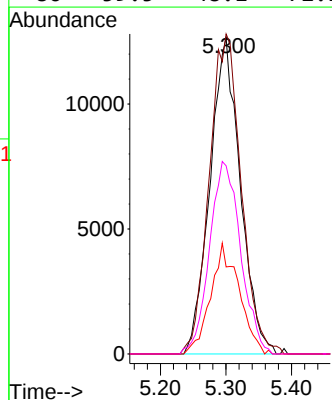
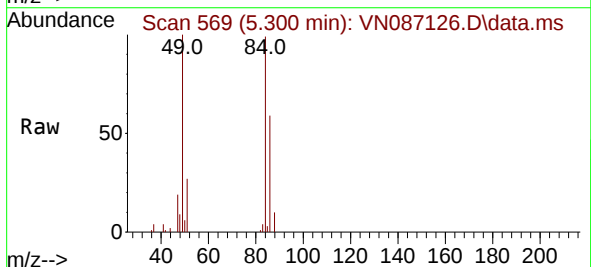
Manual Integrations
APPROVED

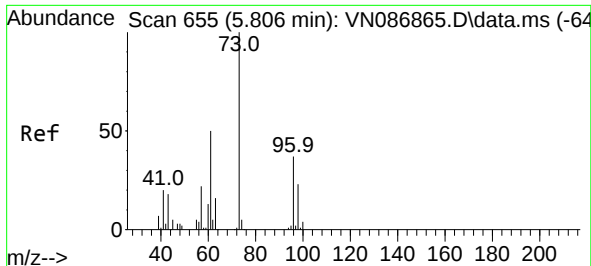
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#20
Methylene Chloride
Concen: 18.452 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

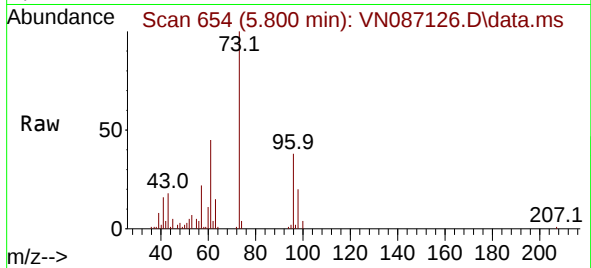
Tgt Ion: 84 Resp: 40698
Ion Ratio Lower Upper
84 100
49 101.1 90.5 135.7
51 27.5 28.5 42.7#
86 59.5 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 17.796 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

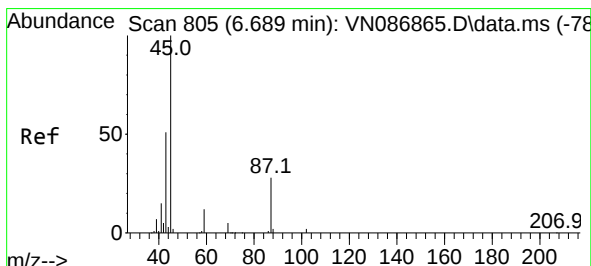
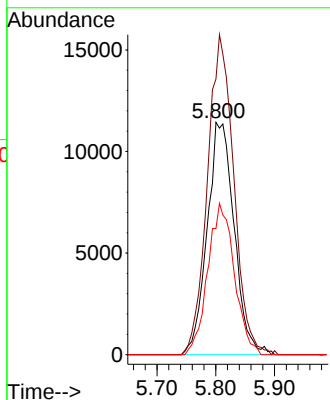
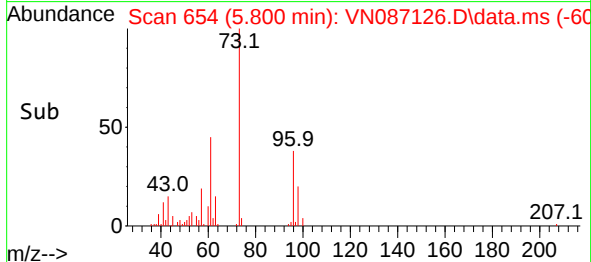
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



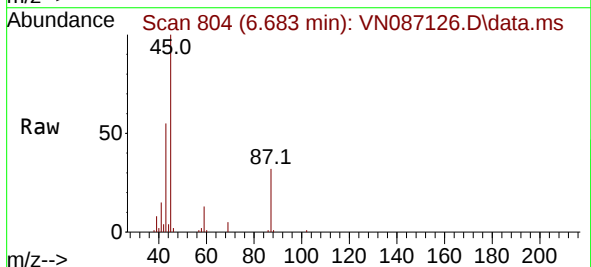
Tgt Ion: 96 Resp: 3656
Ion Ratio Lower Upper
96 100
61 118.7 109.2 163.8
98 54.3 49.8 74.8

Manual Integrations
APPROVED

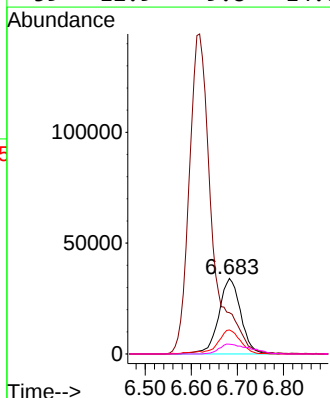
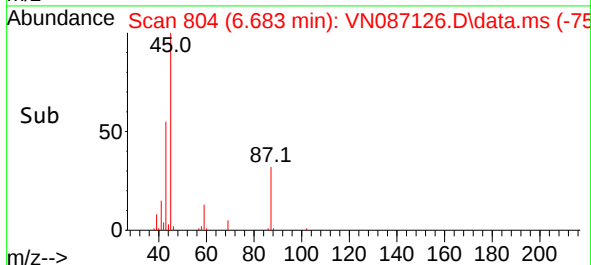
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

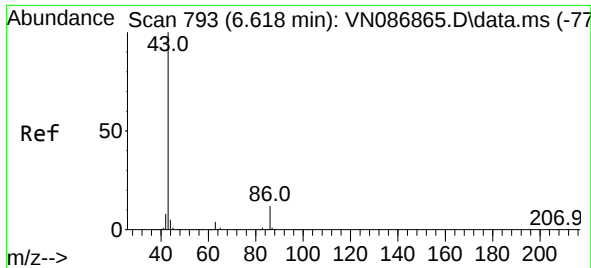


#22
Diisopropyl ether
Concen: 17.413 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



Tgt Ion: 45 Resp: 112420
Ion Ratio Lower Upper
45 100
43 53.2 41.9 62.9
87 31.7 22.4 33.6
59 12.9 9.8 14.6





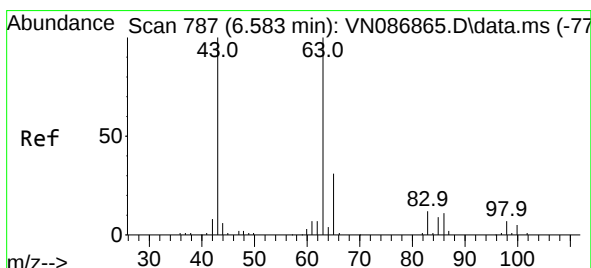
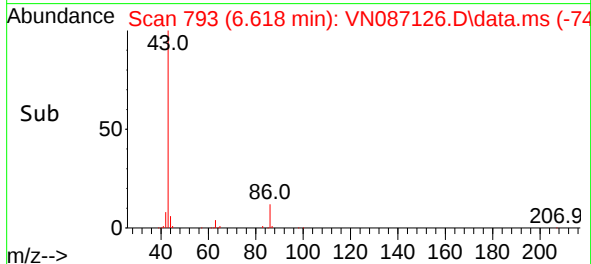
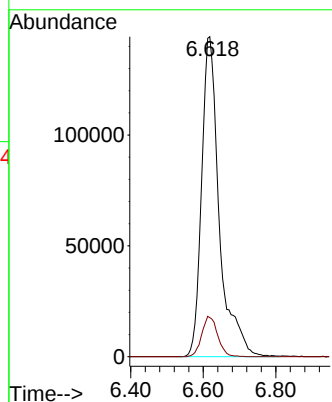
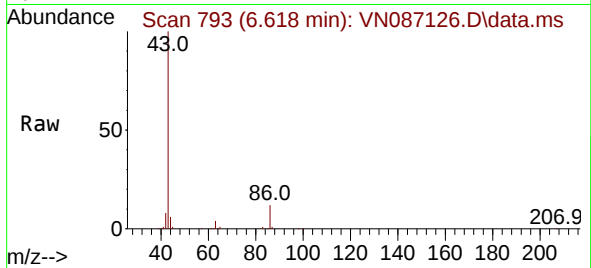
#23
 Vinyl Acetate
 Concen: 89.728 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087126.D
 Acq: 20 Jun 2025 10:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01

Tgt Ion: 43 Resp: 489438
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.5 14.3

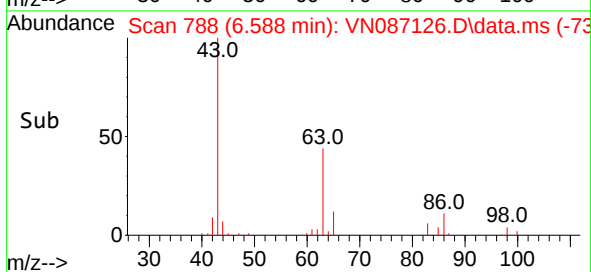
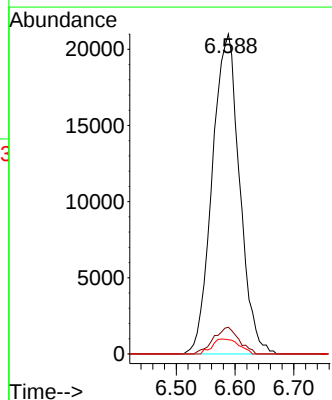
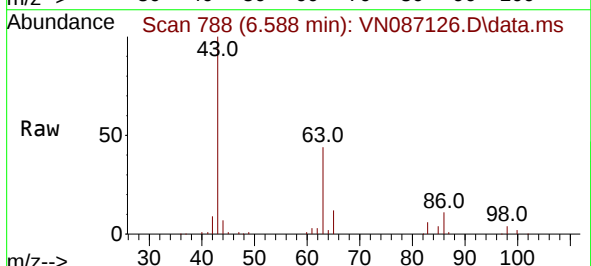
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#24
 1,1-Dichloroethane
 Concen: 18.261 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087126.D
 Acq: 20 Jun 2025 10:40

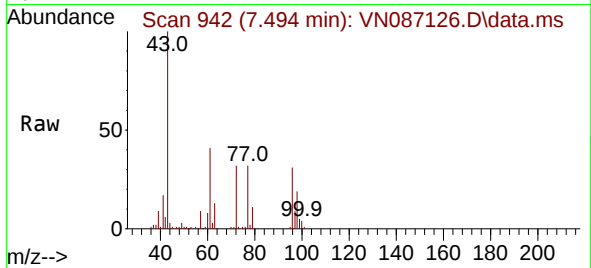
Tgt Ion: 63 Resp: 67845
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 4.5 2.6 7.8





#25
2-Butanone
Concen: 78.820 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

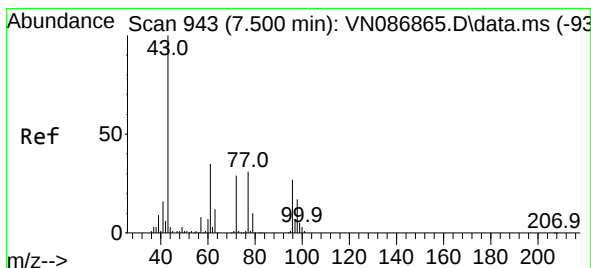
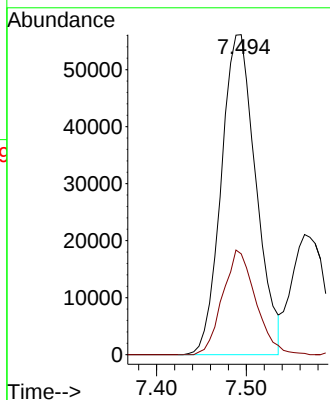
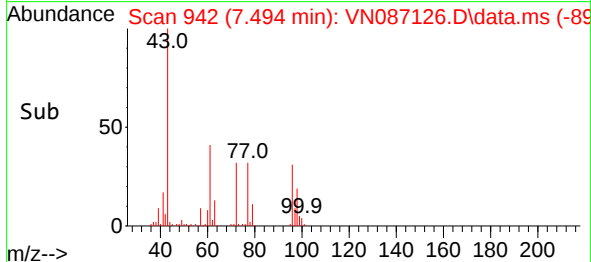
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



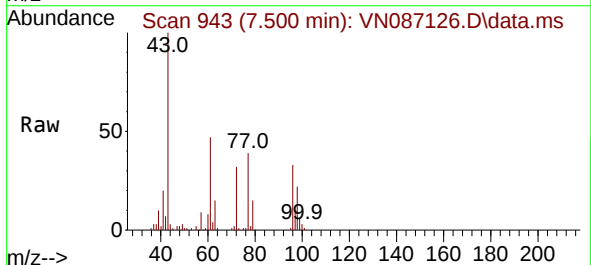
Tgt Ion: 43 Resp: 15093
Ion Ratio Lower Upper
43 100
72 31.5 23.0 34.6

Manual Integrations
APPROVED

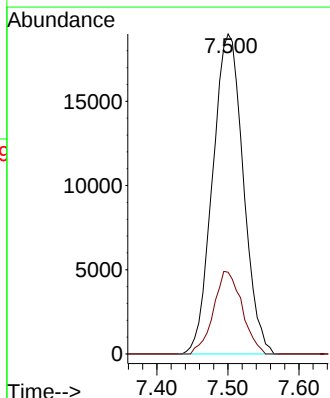
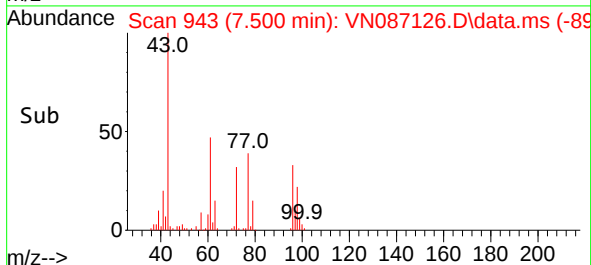
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#26
2,2-Dichloropropane
Concen: 19.661 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



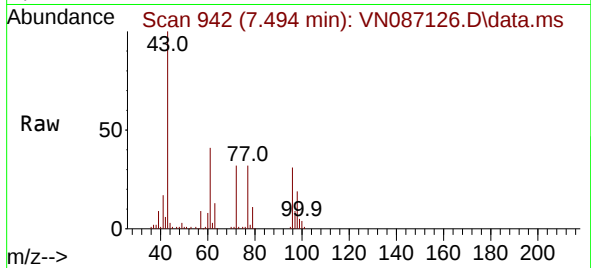
Tgt Ion: 77 Resp: 56823
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.181 ug/l
 RT: 7.494 min Scan# 943
 Delta R.T. -0.006 min
 Lab File: VN087126.D
 Acq: 20 Jun 2025 10:40

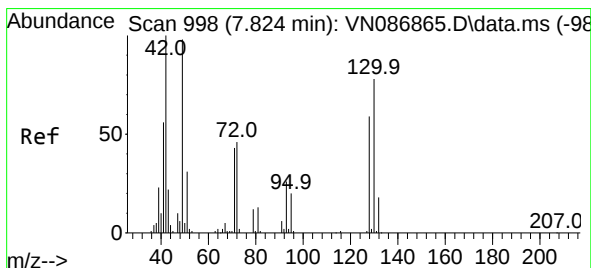
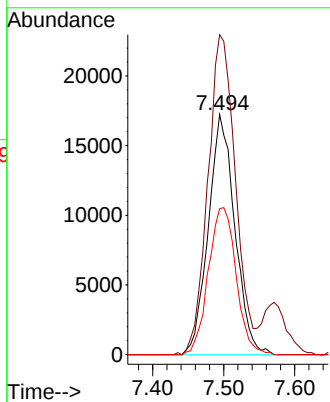
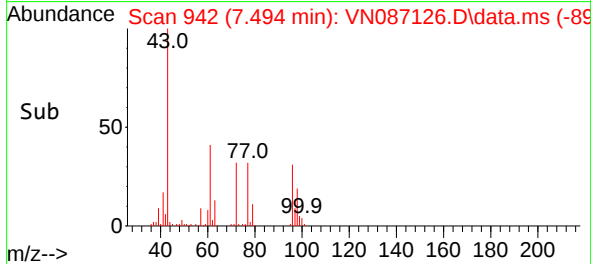
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01



Tgt Ion: 96 Resp: 4467
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 278.0
 98 64.1 0.0 128.2

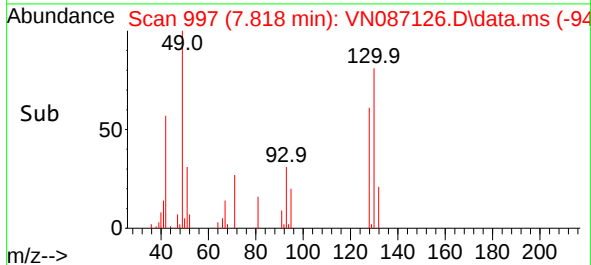
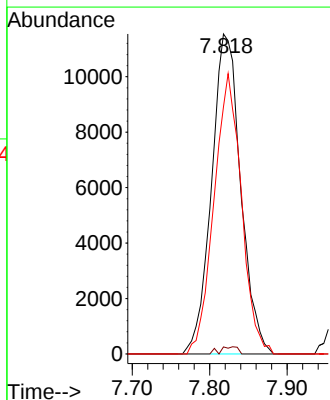
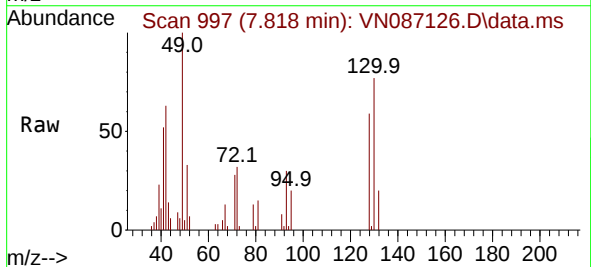
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#28
 Bromochloromethane
 Concen: 16.530 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN087126.D
 Acq: 20 Jun 2025 10:40

Tgt Ion: 49 Resp: 30197
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 82.3 62.2 93.2





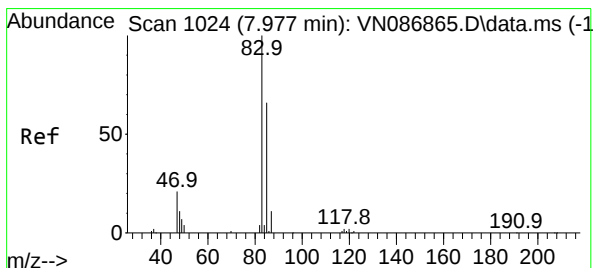
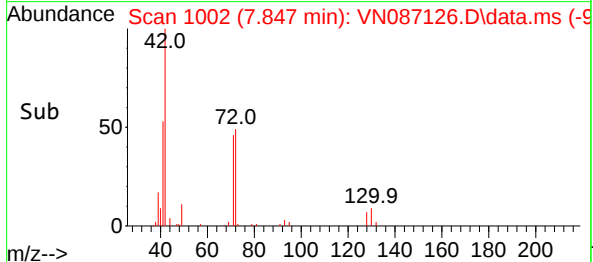
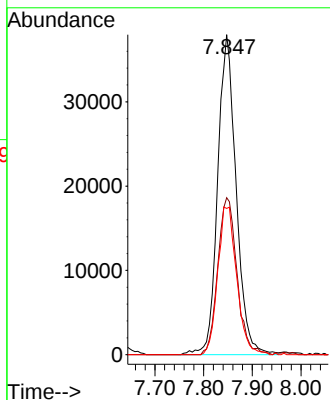
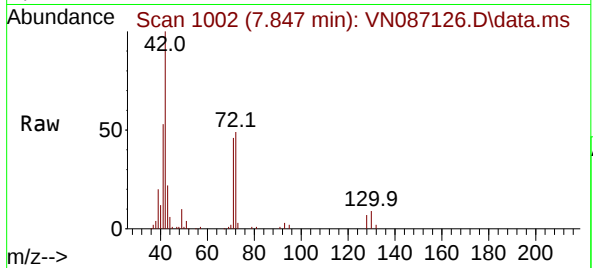
#29
Tetrahydrofuran
Concen: 80.381 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 42 Resp: 100272
Ion Ratio Lower Upper
42 100
72 50.9 37.8 56.6
71 47.4 35.6 53.4

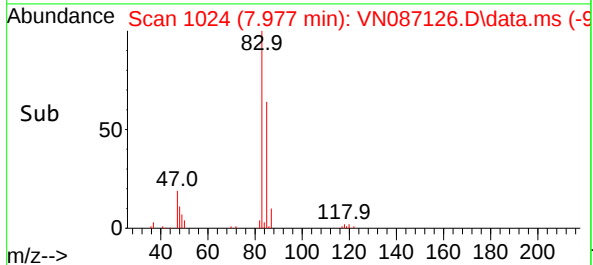
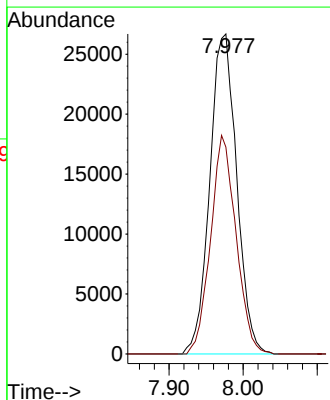
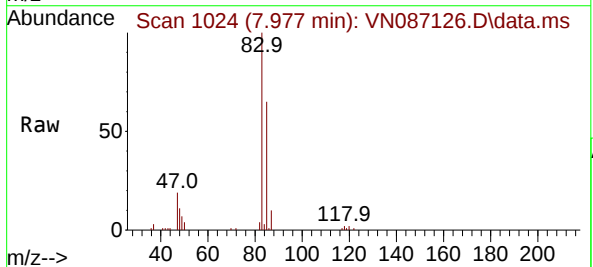
Manual Integrations
APPROVED

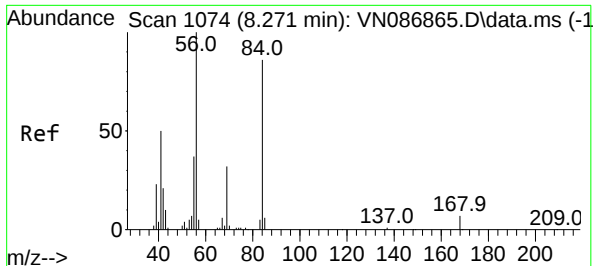
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#30
Chloroform
Concen: 18.155 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

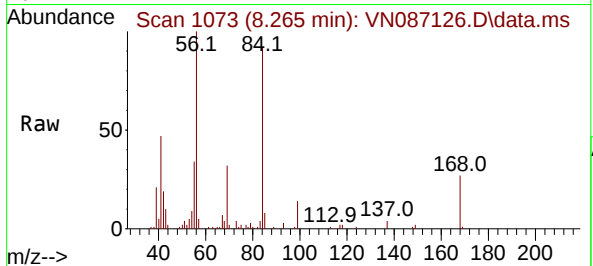
Tgt Ion: 83 Resp: 67361
Ion Ratio Lower Upper
83 100
85 64.6 52.9 79.3





#31
Cyclohexane
Concen: 16.674 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

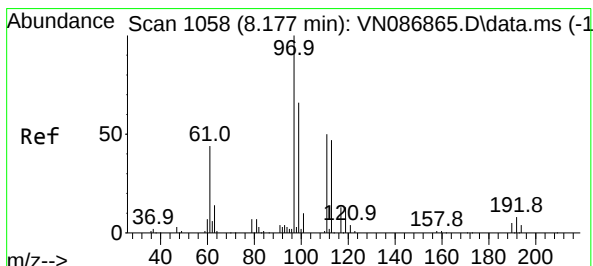
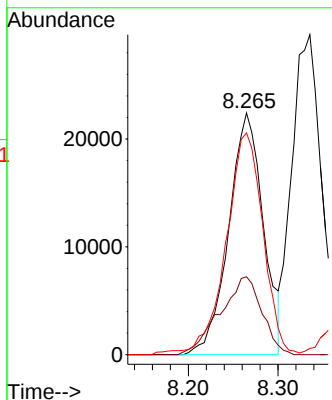
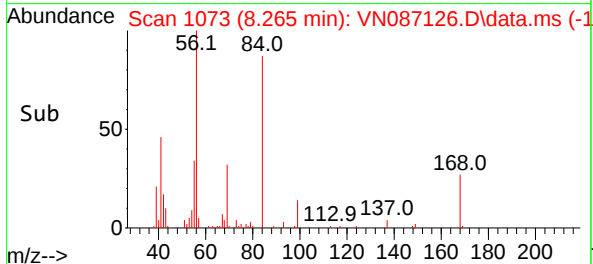
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



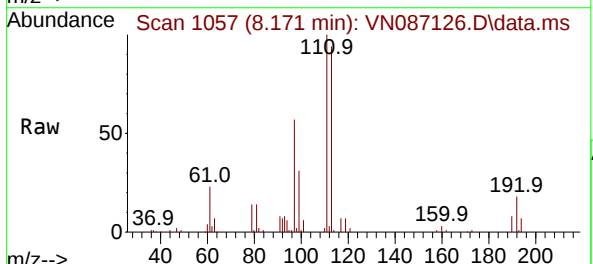
Tgt Ion: 56 Resp: 60080
Ion Ratio Lower Upper
56 100
69 32.3 25.4 38.0
84 90.1 68.8 103.2

Manual Integrations
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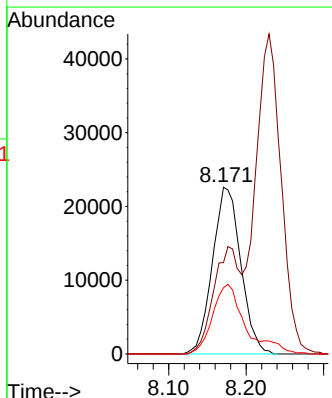
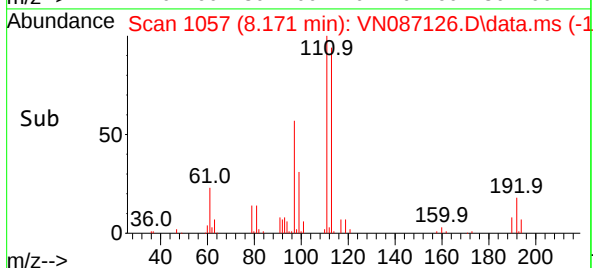
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

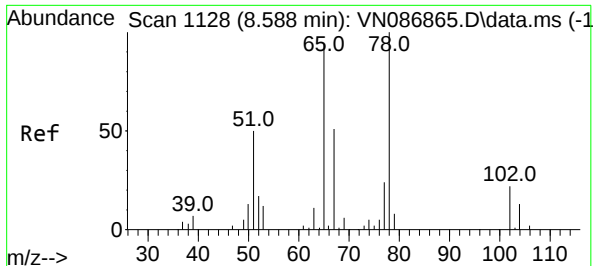


#32
1,1,1-Trichloroethane
Concen: 18.228 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



Tgt Ion: 97 Resp: 57523
Ion Ratio Lower Upper
97 100
99 59.7 52.0 78.0
61 48.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 49.206 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

Tgt Ion: 65 Resp: 10931

Ion Ratio Lower Upper

65 100

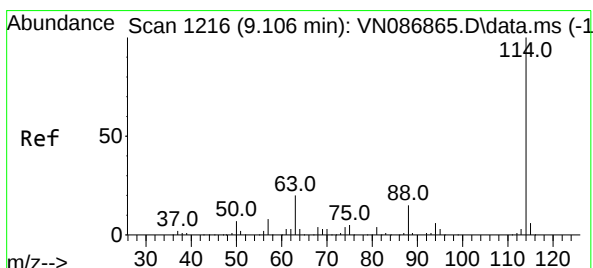
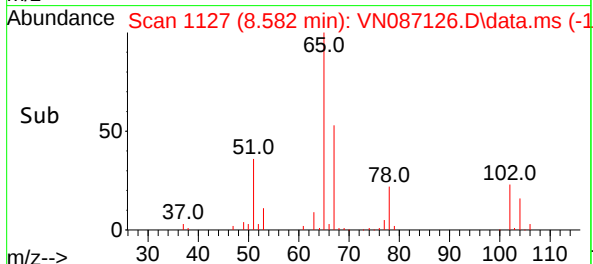
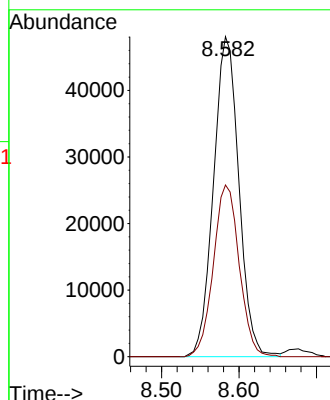
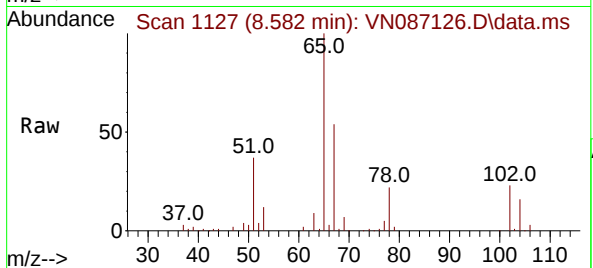
67 54.7 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

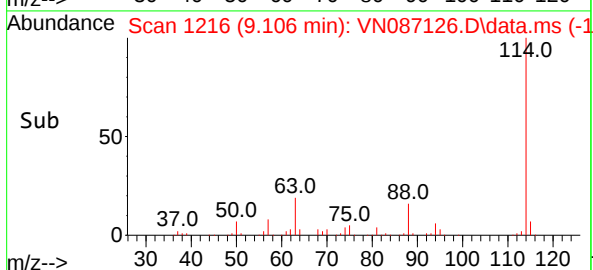
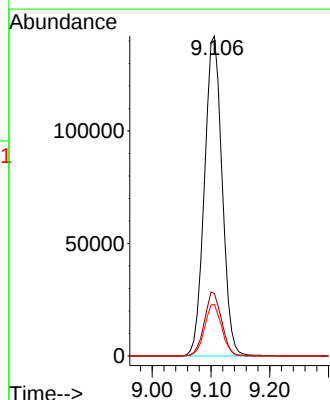
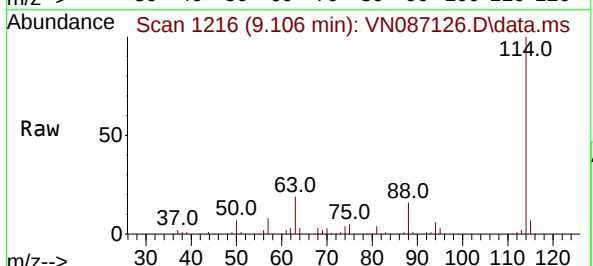
Tgt Ion:114 Resp: 296616

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

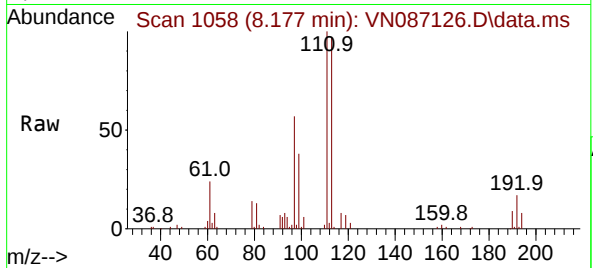
88 16.1 0.0 30.2





#35
Dibromofluoromethane
Concen: 53.328 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

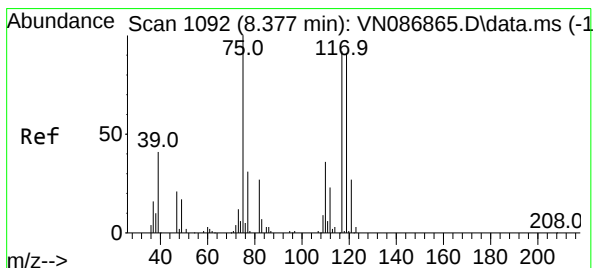
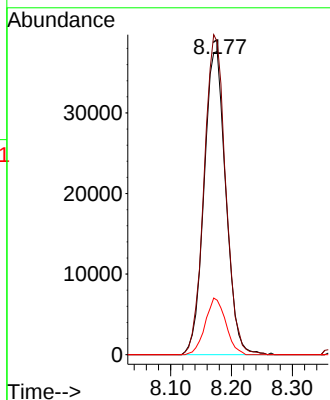
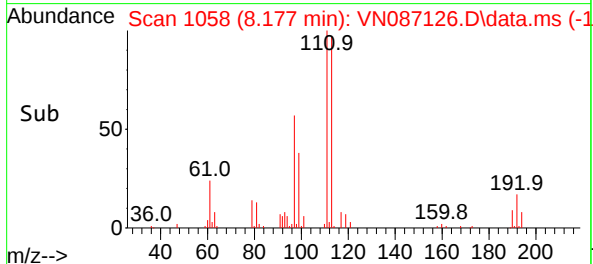
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



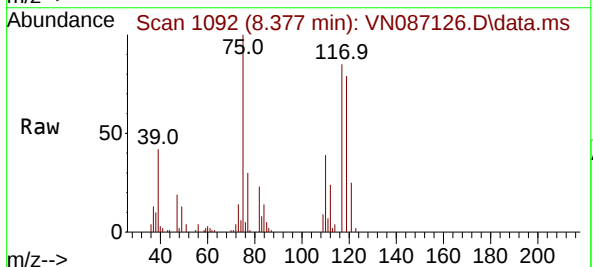
Tgt Ion: 113 Resp: 93740
Ion Ratio Lower Upper
113 100
111 104.0 84.2 126.2
192 17.6 14.2 21.4

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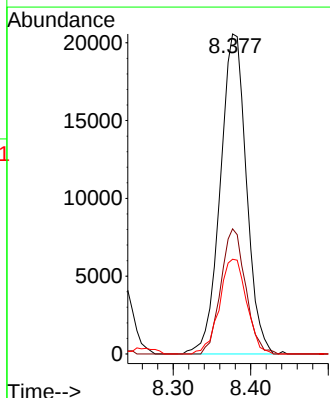
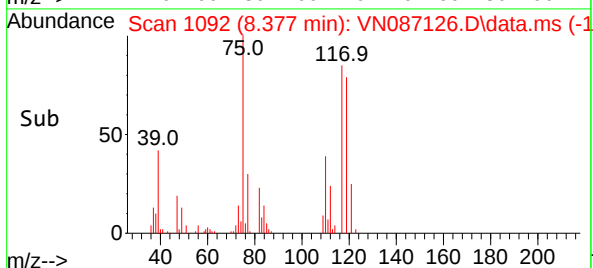
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#36
1,1-Dichloropropene
Concen: 18.396 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



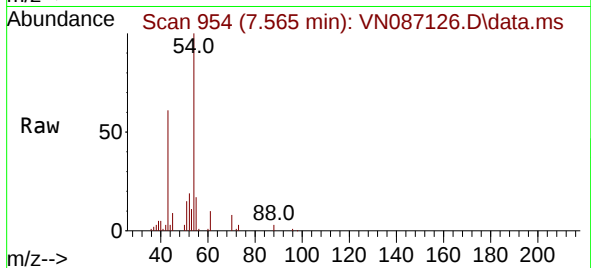
Tgt Ion: 75 Resp: 48186
Ion Ratio Lower Upper
75 100
110 37.0 17.6 52.9
77 30.9 25.3 37.9





#37
Ethyl Acetate
Concen: 17.313 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

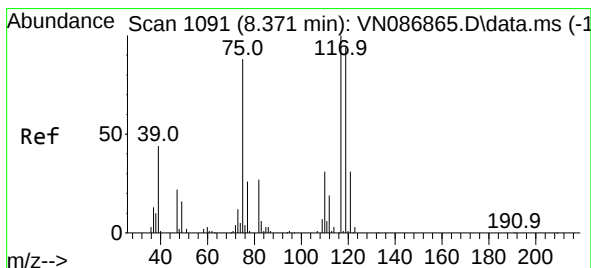
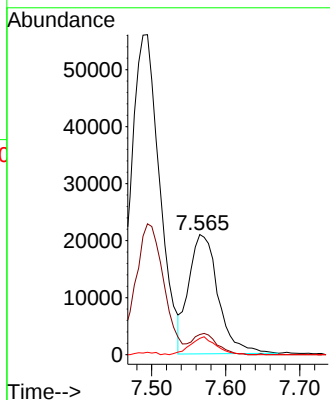
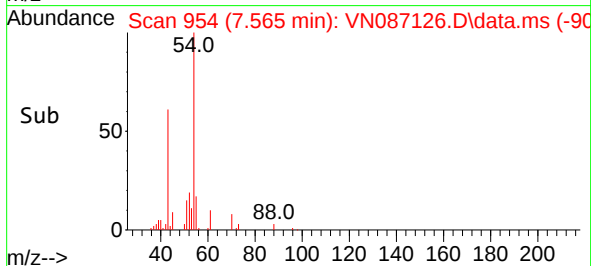
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 43 Resp: 5772
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 13.1 9.8 14.6

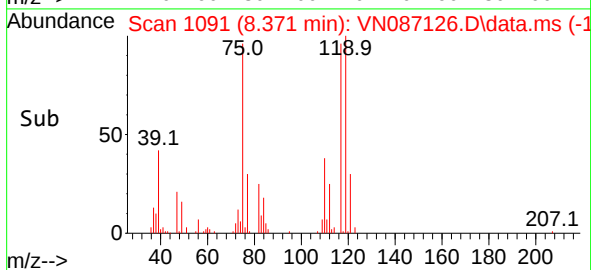
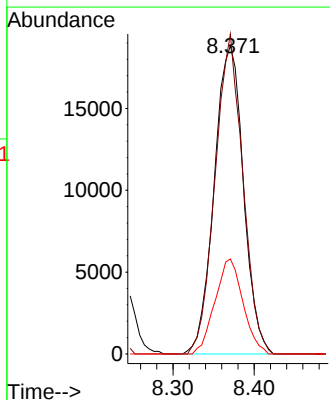
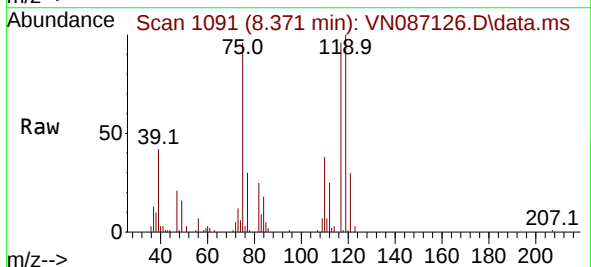
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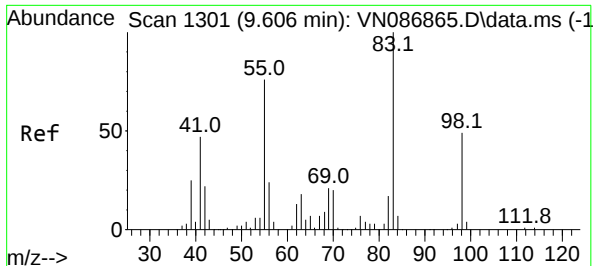
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#38
Carbon Tetrachloride
Concen: 18.311 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion:117 Resp: 47087
Ion Ratio Lower Upper
117 100
119 103.8 75.0 112.6
121 30.8 24.9 37.3





#39

Methylcyclohexane

Concen: 15.744 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

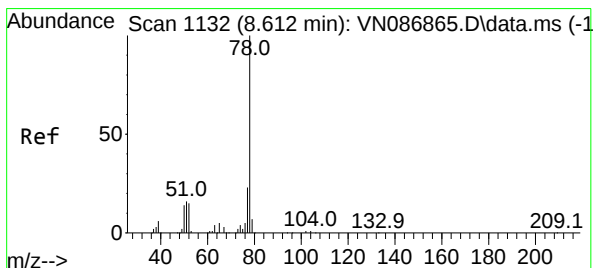
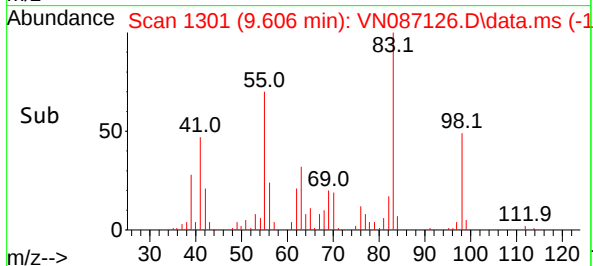
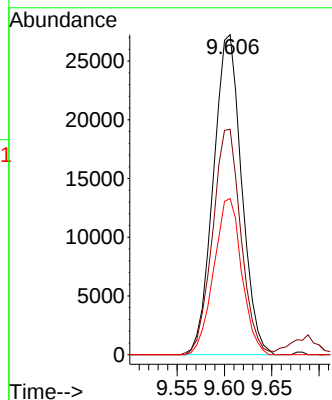
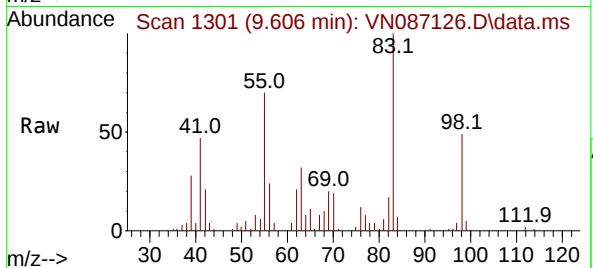
Tgt Ion: 83	Resp: 5649
Ion Ratio	Lower Upper
83	100
55	70.5 61.0 91.6
98	48.8 38.9 58.3

Manual Integrations

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Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#40

Benzene

Concen: 18.107 ug/l

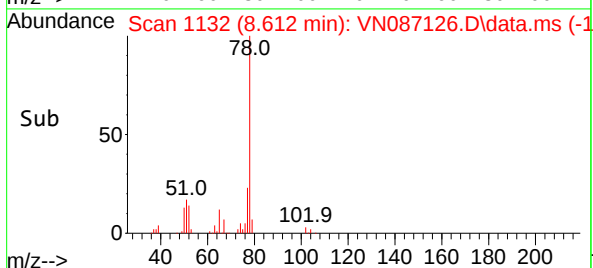
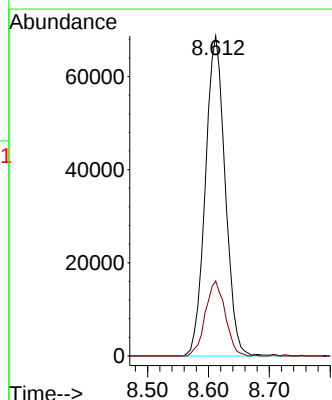
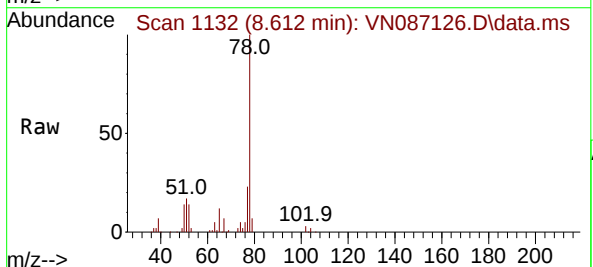
RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

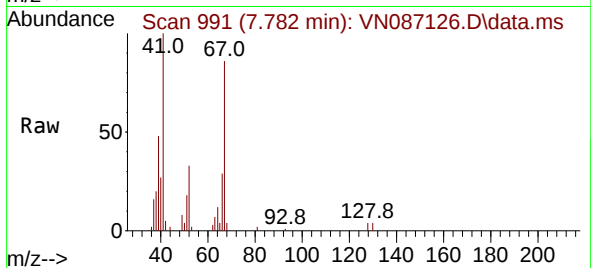
Tgt Ion: 78	Resp: 155094
Ion Ratio	Lower Upper
78	100
77	23.5 18.7 28.1





#41
Methacrylonitrile
Concen: 16.348 ug/l
RT: 7.782 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

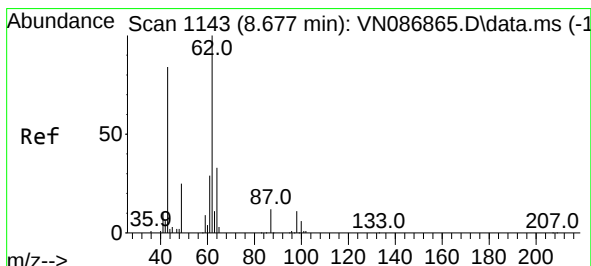
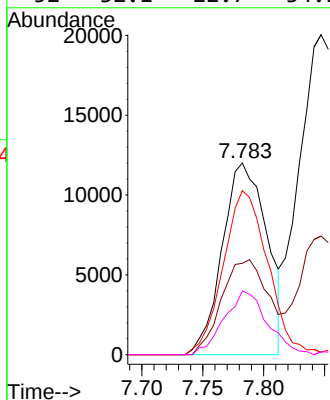
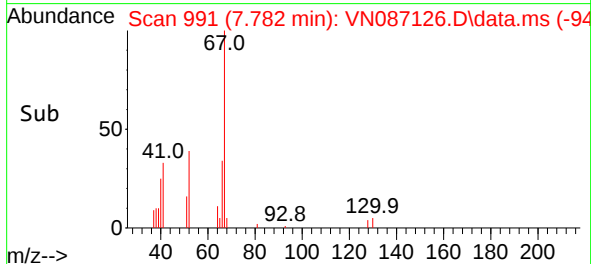
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 41	Resp: 30614
Ion Ratio	Lower Upper
41	100
39	51.2 41.2 61.8
67	85.7 61.4 92.2
52	32.1 22.7 34.1

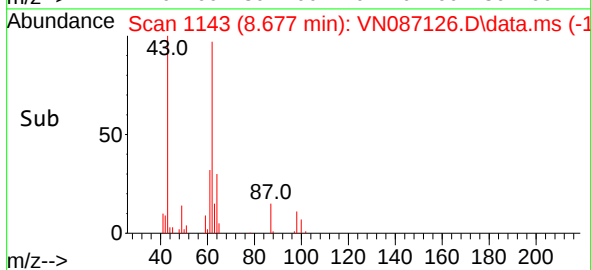
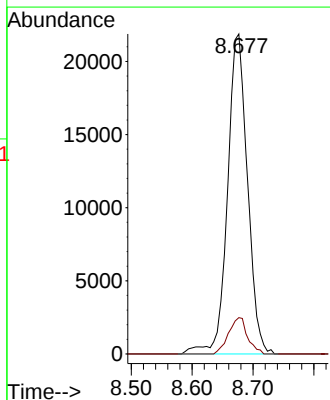
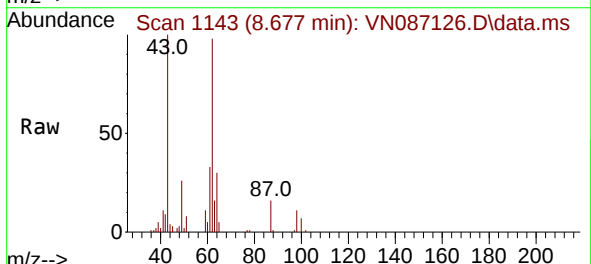
Manual Integrations
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Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#42
1,2-Dichloroethane
Concen: 19.206 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion: 62	Resp: 49897
Ion Ratio	Lower Upper
62	100
98	10.8 0.0 21.2





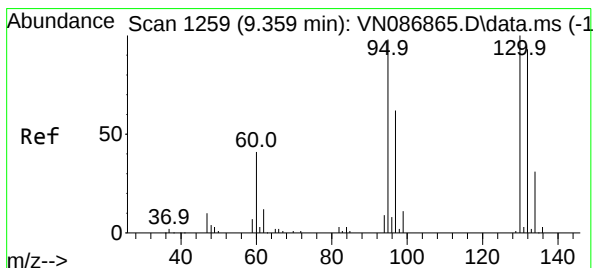
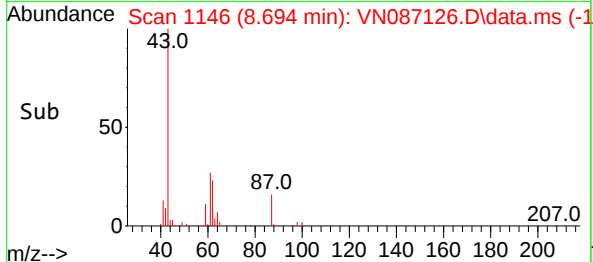
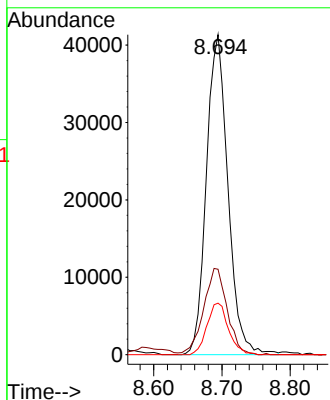
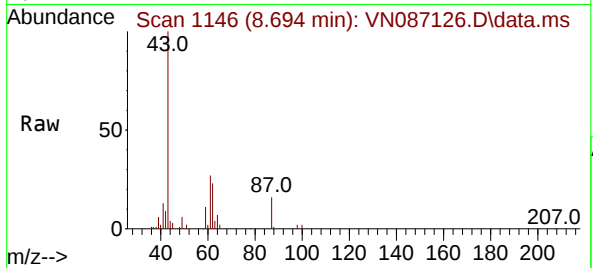
#43
Isopropyl Acetate
Concen: 17.021 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 43 Resp: 9109
Ion Ratio Lower Upper
43 100
61 29.4 22.1 33.1
87 16.0 11.8 17.6

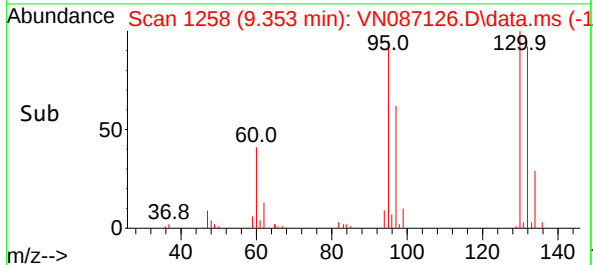
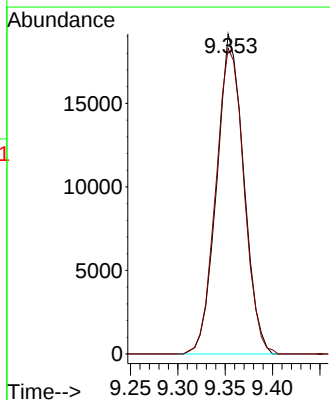
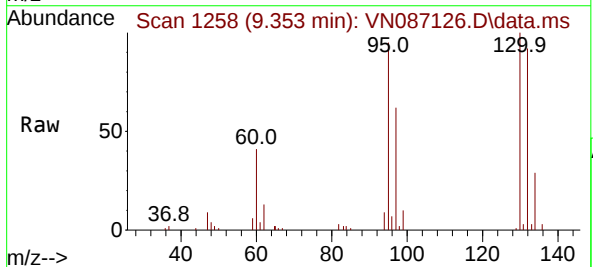
Manual Integrations
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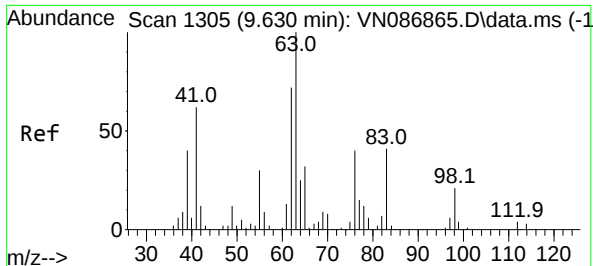
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#44
Trichloroethene
Concen: 18.715 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion:130 Resp: 38010
Ion Ratio Lower Upper
130 100
95 95.5 0.0 196.2





#45

1,2-Dichloropropane

Concen: 18.468 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

Tgt Ion: 63 Resp: 3848

Ion Ratio Lower Upper

63 100

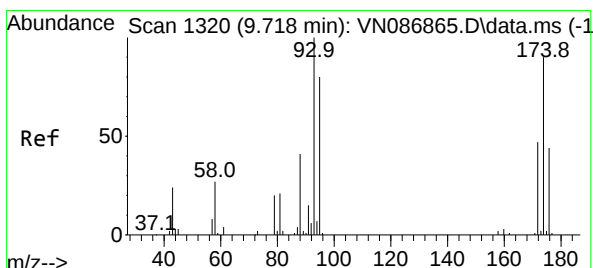
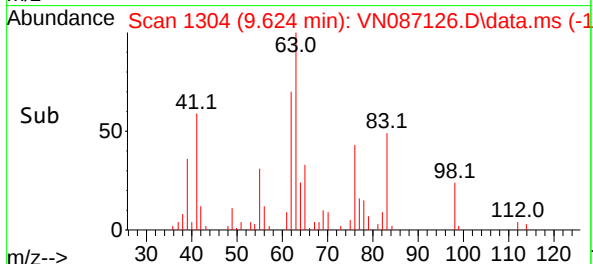
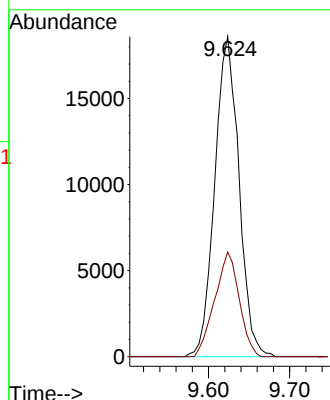
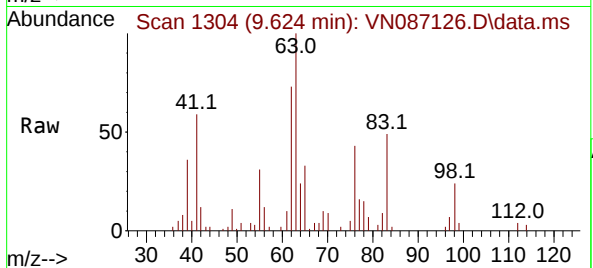
65 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#46

Dibromomethane

Concen: 19.650 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

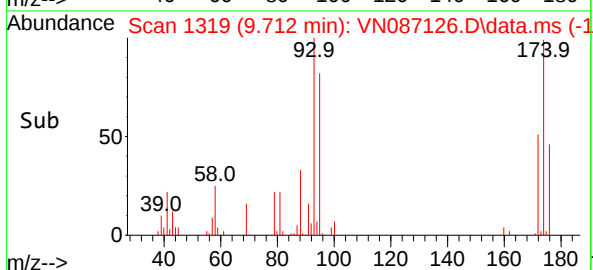
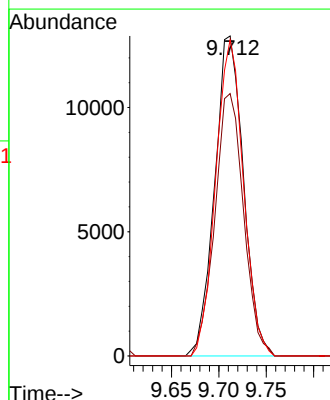
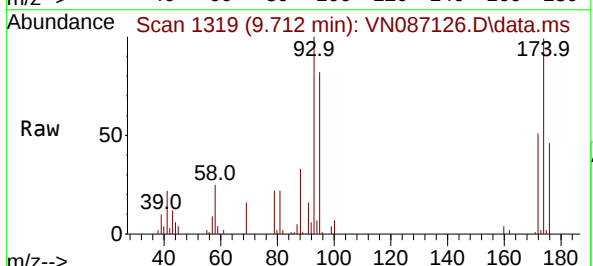
Tgt Ion: 93 Resp: 27197

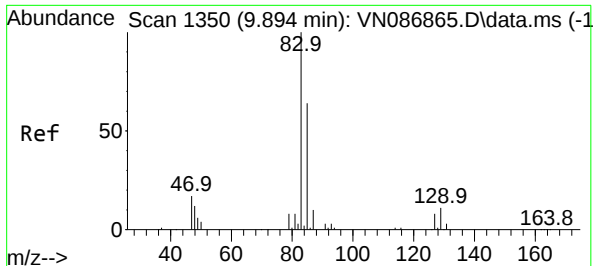
Ion Ratio Lower Upper

93 100

95 81.9 67.1 100.7

174 95.2 74.2 111.4





#47

Bromodichloromethane

Concen: 18.501 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

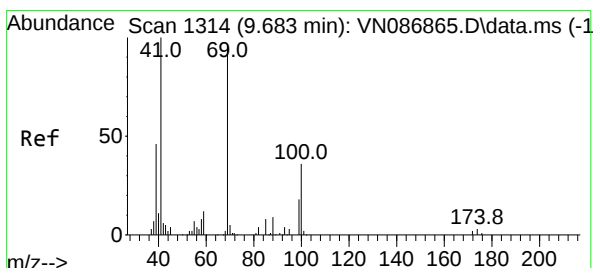
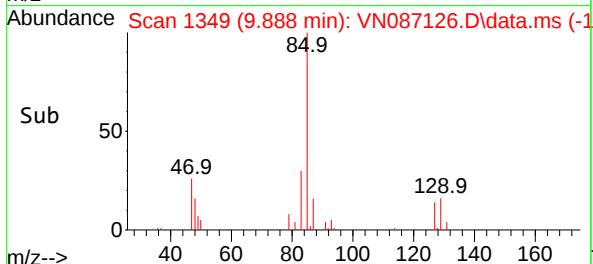
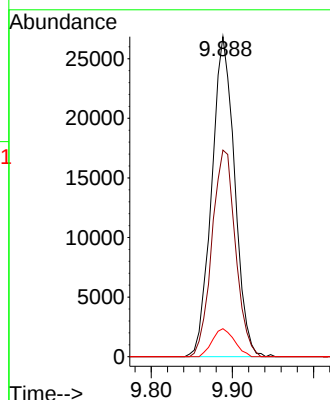
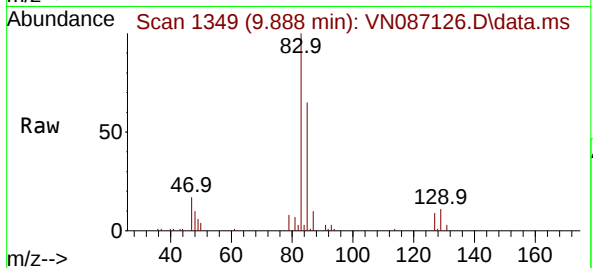
Tgt Ion:	83	Resp:	5268
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.9	76.3
127	8.7	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#48

Methyl methacrylate

Concen: 15.950 ug/l

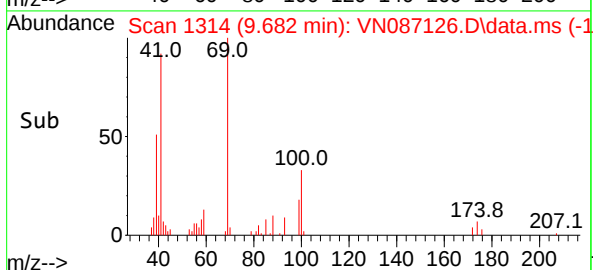
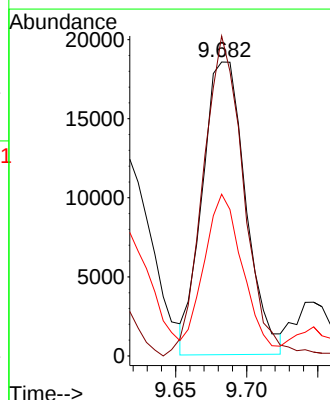
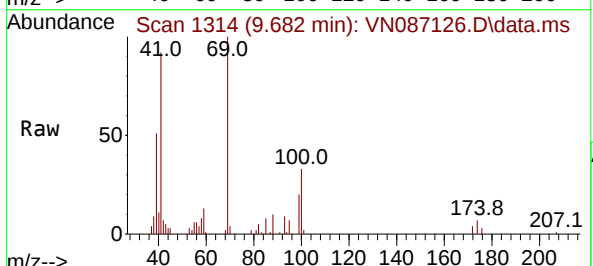
RT: 9.682 min Scan# 1314

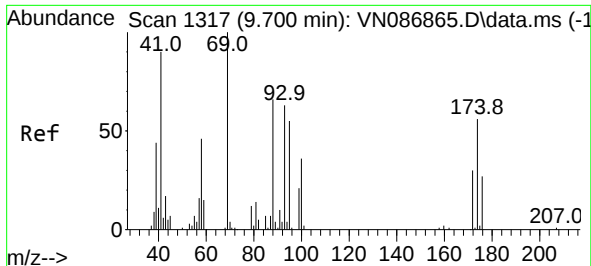
Delta R.T. -0.000 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

Tgt Ion:	41	Resp:	39288
Ion Ratio	Lower	Upper	
41	100		
69	102.8	74.6	112.0
39	50.6	40.2	60.4





#49

1,4-Dioxane

Concen: 324.516 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

Tgt Ion: 88 Resp: 1454

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

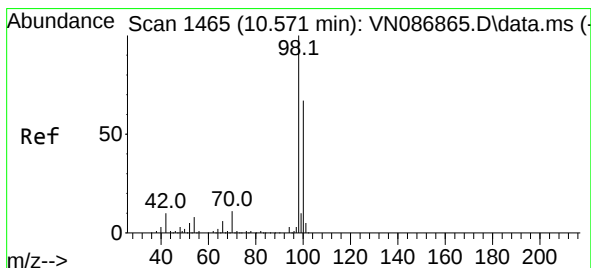
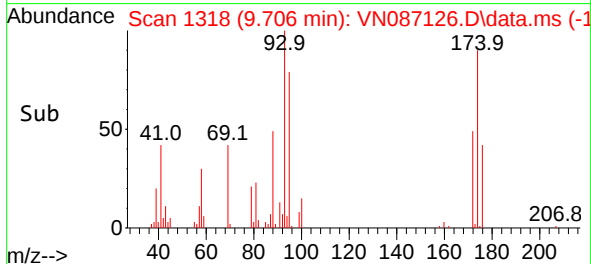
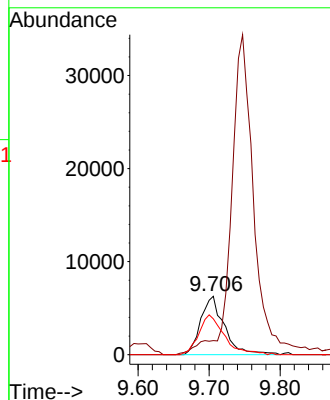
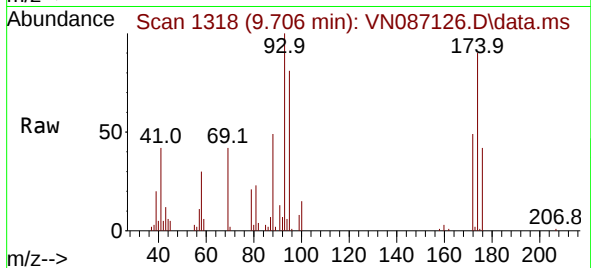
58 73.6 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#50

Toluene-d8

Concen: 48.596 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087126.D

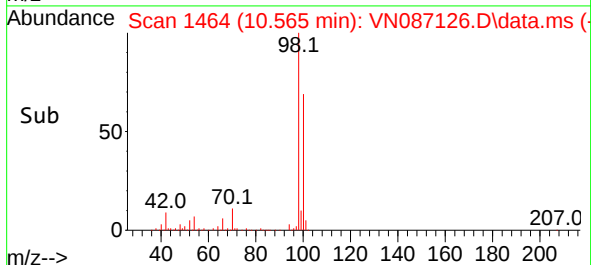
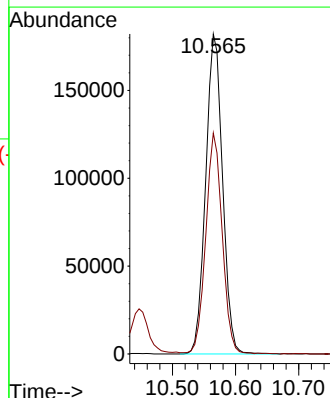
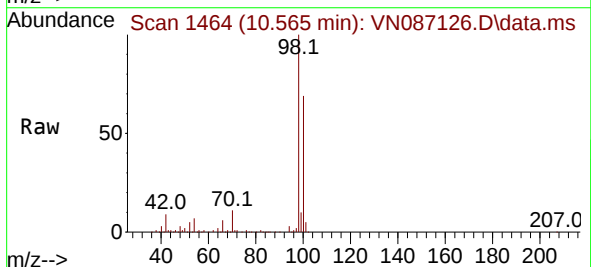
Acq: 20 Jun 2025 10:40

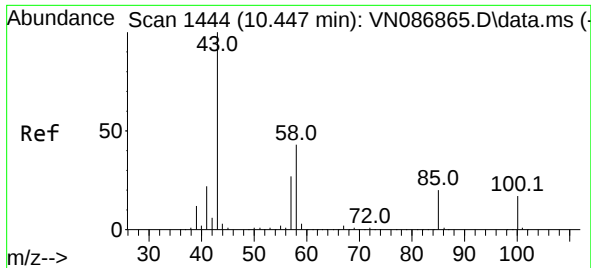
Tgt Ion: 98 Resp: 338168

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.0





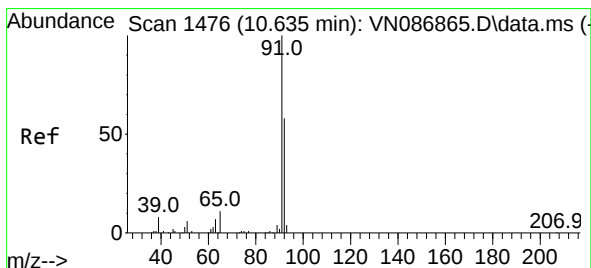
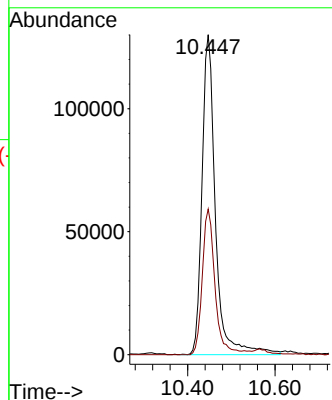
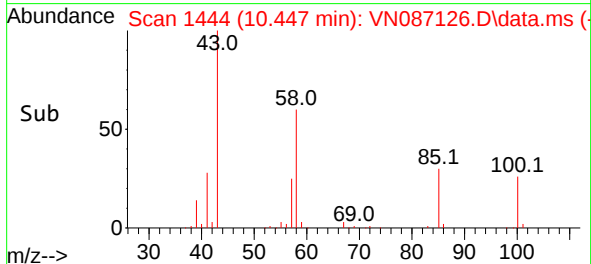
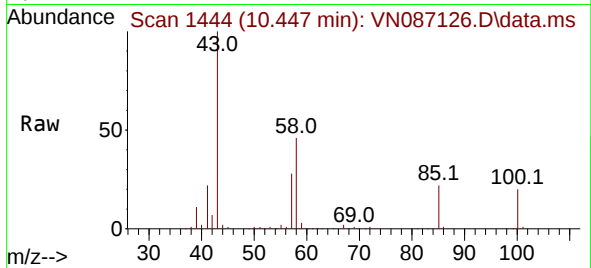
#51
4-Methyl-2-Pentanone
Concen: 86.437 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 43 Resp: 27848
Ion Ratio Lower Upper
43 100
58 42.8 34.2 51.4

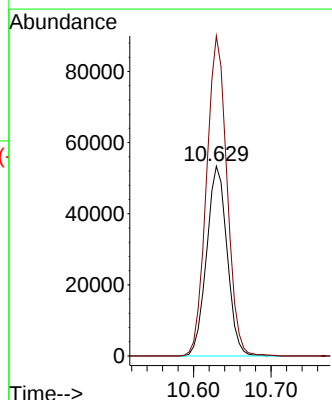
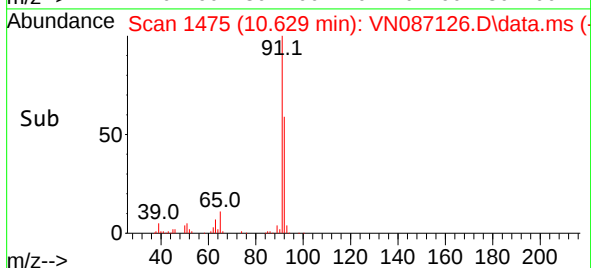
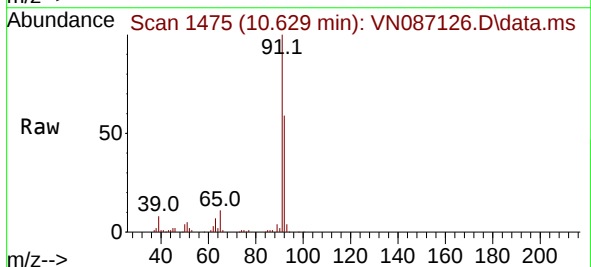
Manual Integrations
APPROVED

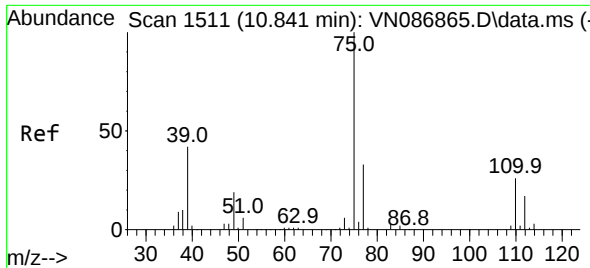
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#52
Toluene
Concen: 18.694 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

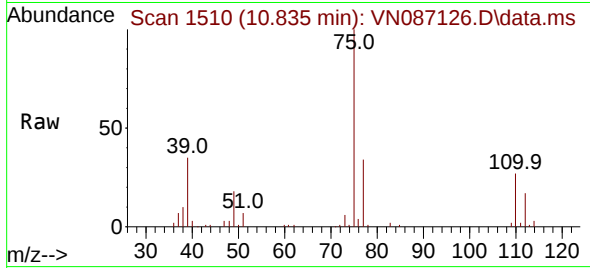
Tgt Ion: 92 Resp: 97851
Ion Ratio Lower Upper
92 100
91 168.8 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 18.396 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

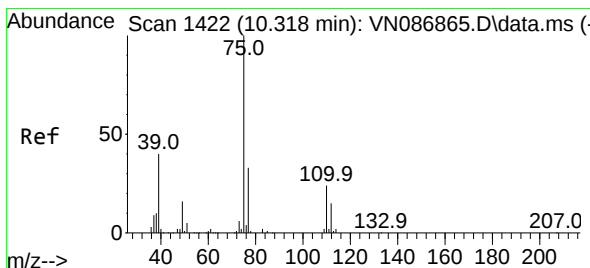
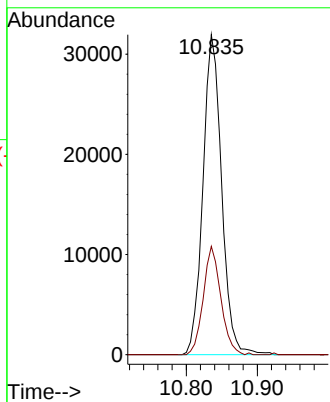
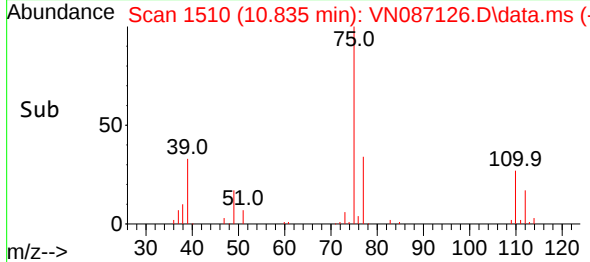
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 75 Resp: 58578
Ion Ratio Lower Upper
75 100
77 33.8 26.4 39.6

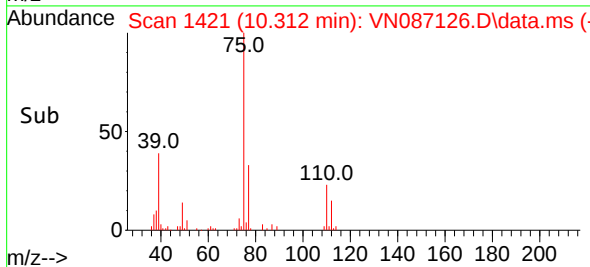
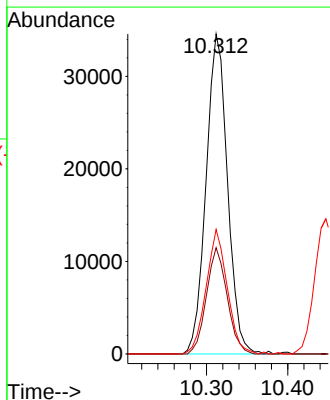
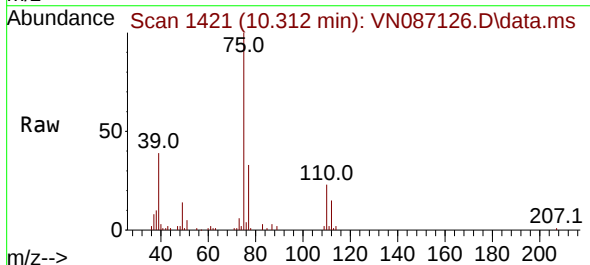
Manual Integrations
APPROVED

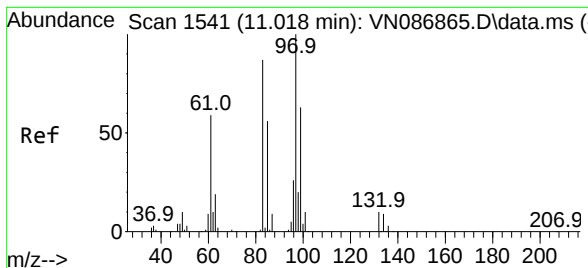
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#54
cis-1,3-Dichloropropene
Concen: 18.622 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

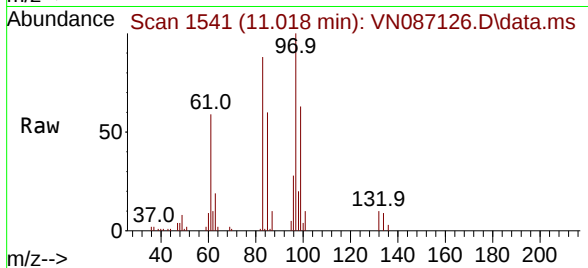
Tgt Ion: 75 Resp: 63447
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.4
39 38.9 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 19.179 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

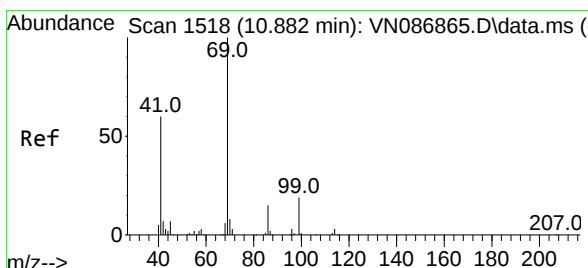
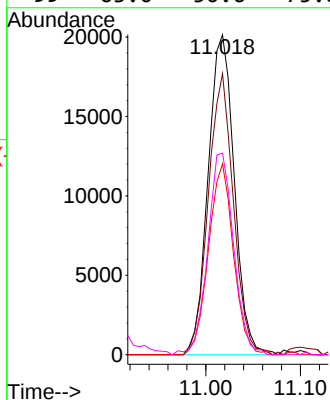
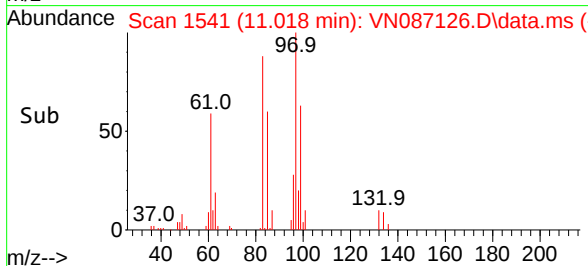
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



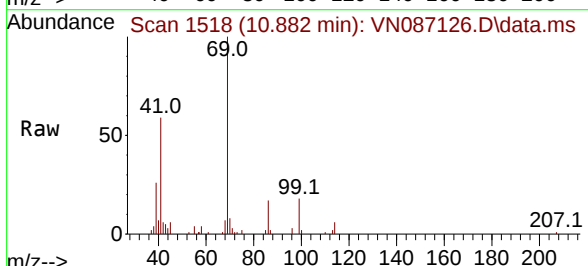
Tgt Ion:	97	Resp:	38628
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.7	104.5
85	59.6	45.1	67.7
99	63.0	50.6	75.8

Manual Integrations
APPROVED

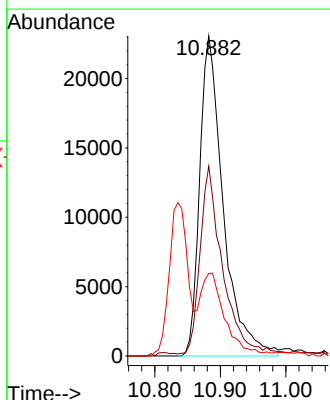
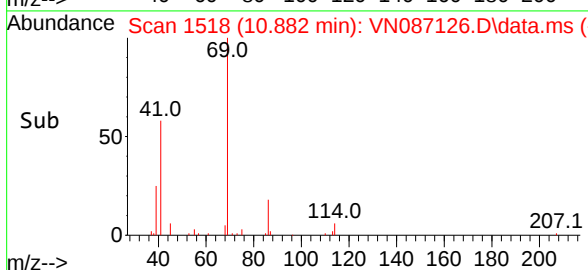
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

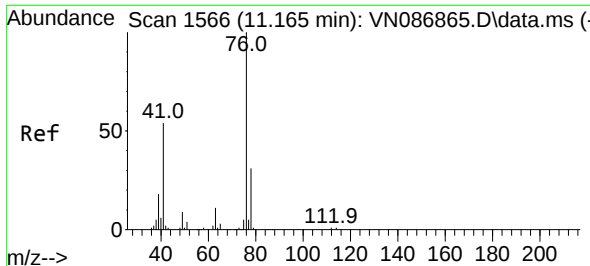


#56
Ethyl methacrylate
Concen: 17.980 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



Tgt Ion:	69	Resp:	57681
Ion	Ratio	Lower	Upper
69	100		
41	55.4	47.2	70.8
39	24.1	23.0	34.6





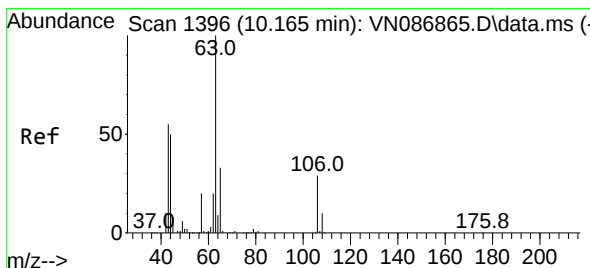
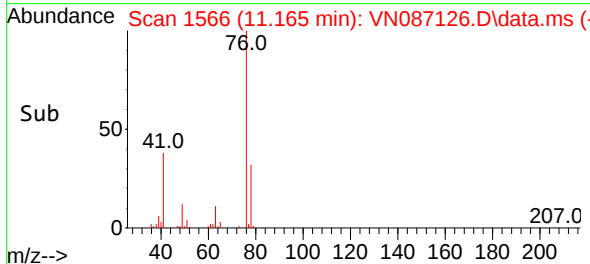
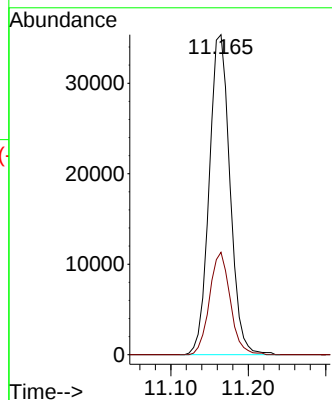
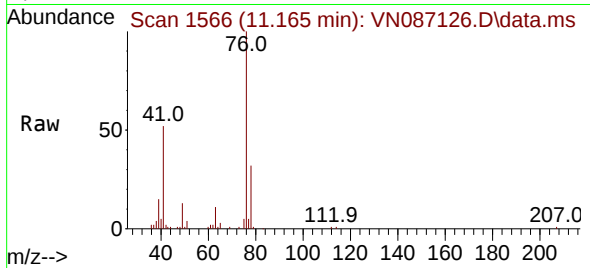
#57
1,3-Dichloropropane
Concen: 18.839 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 76 Resp: 6582
Ion Ratio Lower Upper
76 100
78 31.9 25.3 37.9

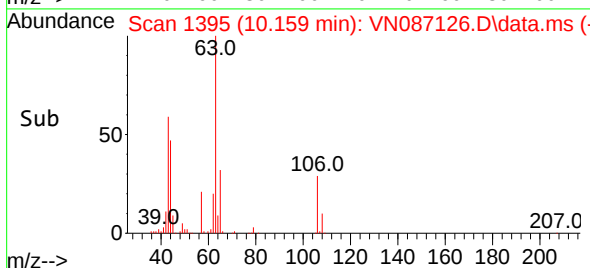
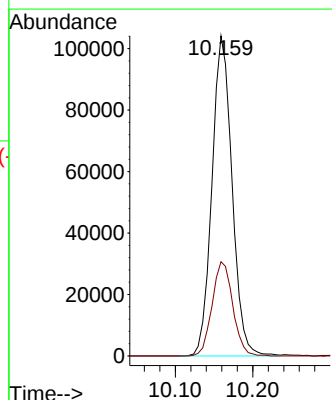
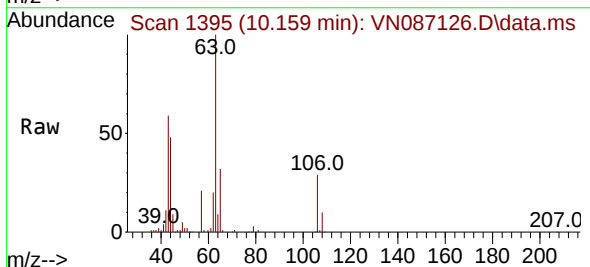
Manual Integrations
APPROVED

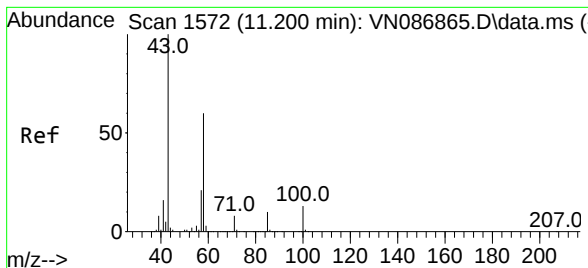
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#58
2-Chloroethyl Vinyl ether
Concen: 98.034 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

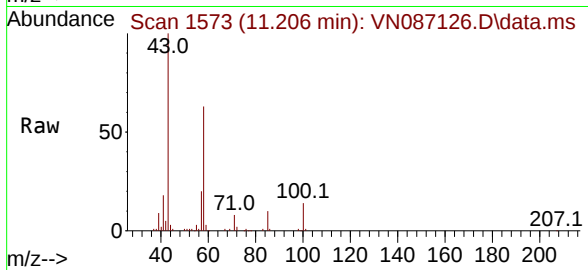
Tgt Ion: 63 Resp: 187581
Ion Ratio Lower Upper
63 100
106 30.2 23.0 34.6





#59
2-Hexanone
Concen: 75.326 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

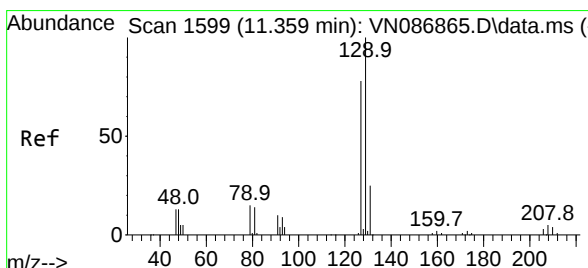
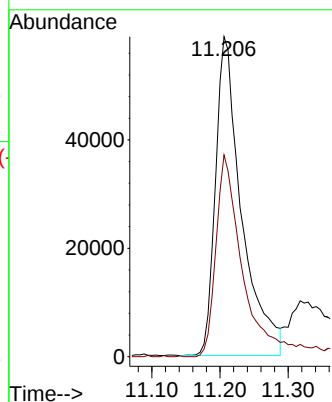
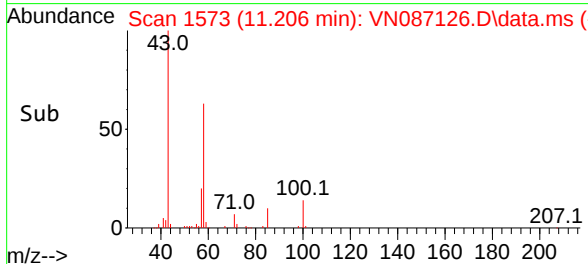
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 43 Resp: 15632
Ion Ratio Lower Upper
43 100
58 66.5 30.4 91.3

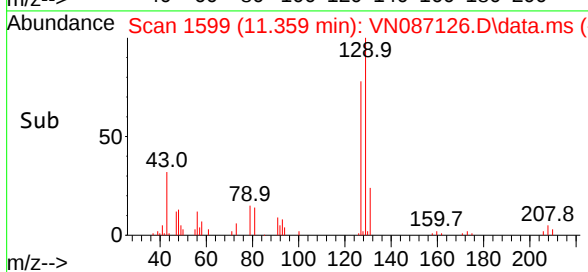
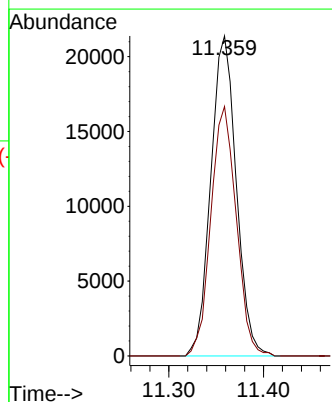
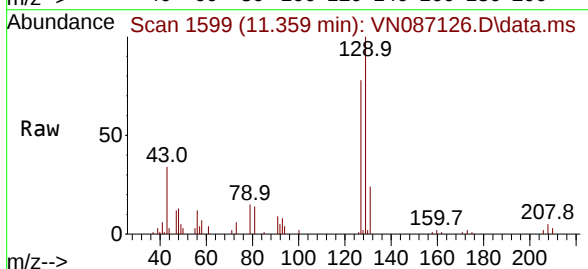
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#60
Dibromochloromethane
Concen: 19.057 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion:129 Resp: 39991
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





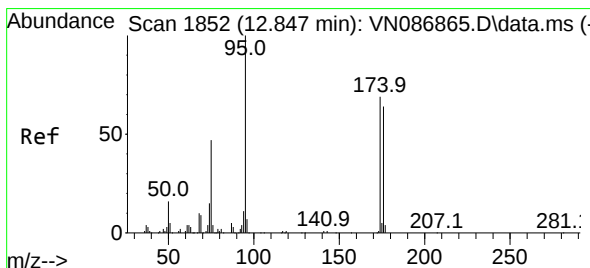
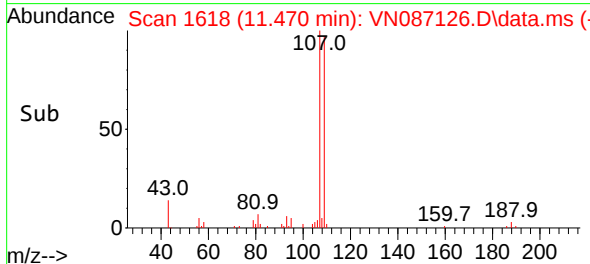
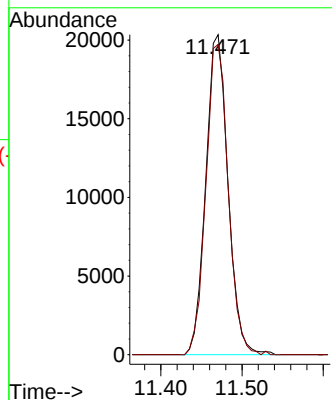
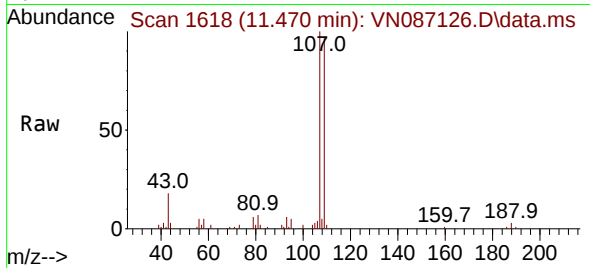
#61
1,2-Dibromoethane
Concen: 18.753 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion:107 Resp: 38714
Ion Ratio Lower Upper
107 100
109 97.4 76.3 114.5

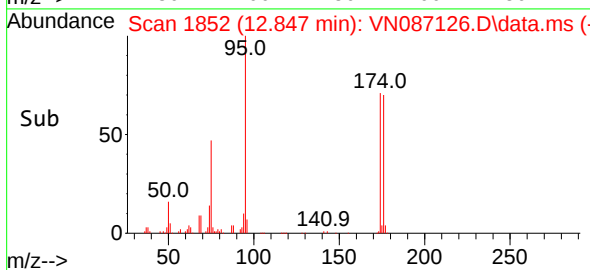
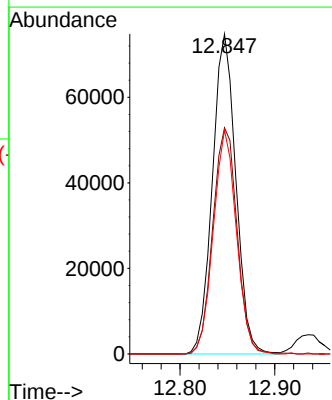
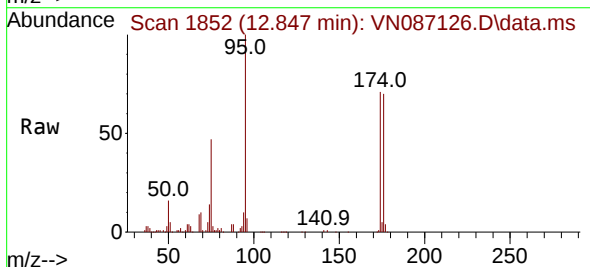
Manual Integrations
APPROVED

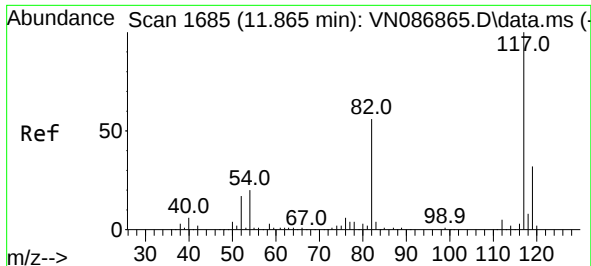
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#62
4-Bromofluorobenzene
Concen: 49.855 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

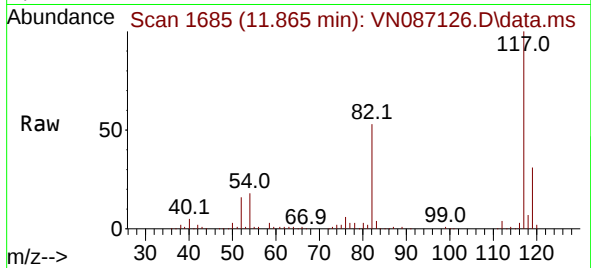
Tgt Ion: 95 Resp: 128895
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.8
176 68.9 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

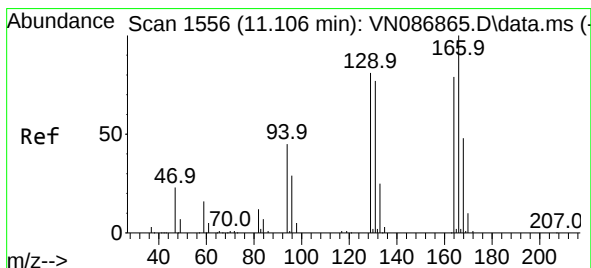
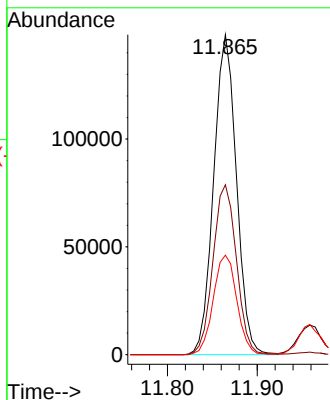
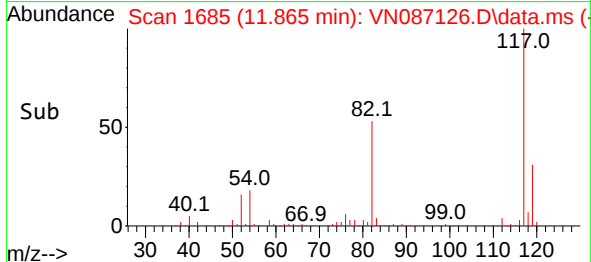
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



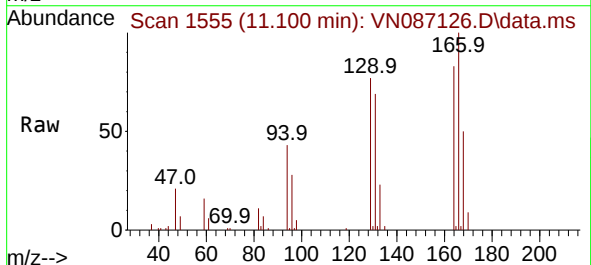
Tgt Ion:117 Resp: 261475
Ion Ratio Lower Upper
117 100
82 53.1 44.6 67.0
119 31.1 25.5 38.3

Manual Integrations
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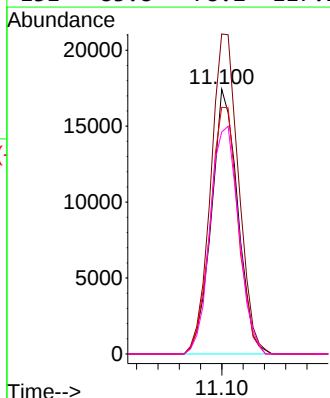
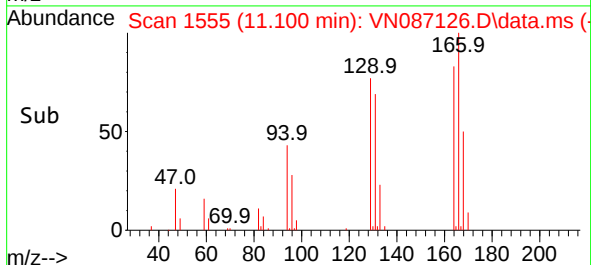
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

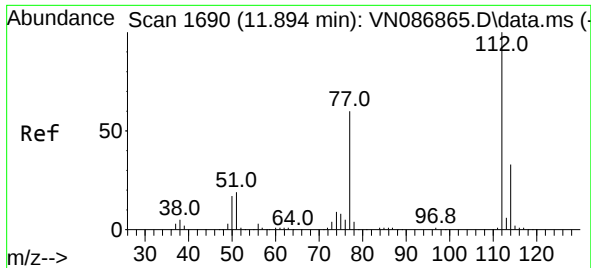


#64
Tetrachloroethene
Concen: 18.043 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



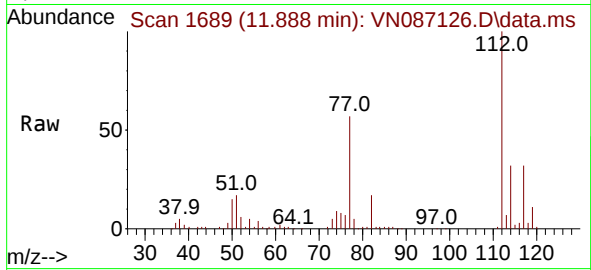
Tgt Ion:164 Resp: 29858
Ion Ratio Lower Upper
164 100
166 120.8 101.8 152.8
129 93.2 83.0 124.4
131 83.8 78.2 117.2





#65
Chlorobenzene
Concen: 18.692 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

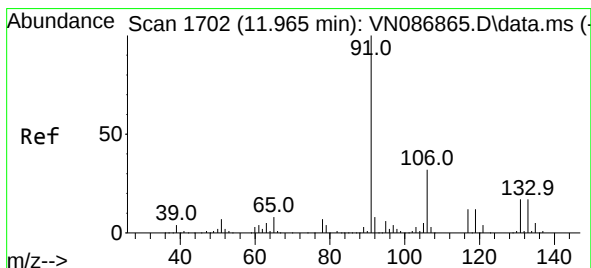
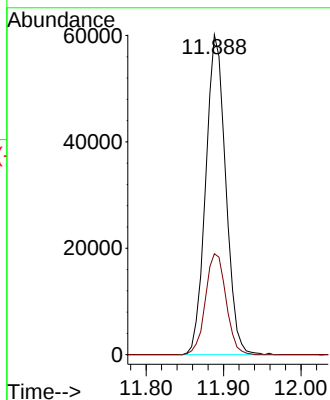
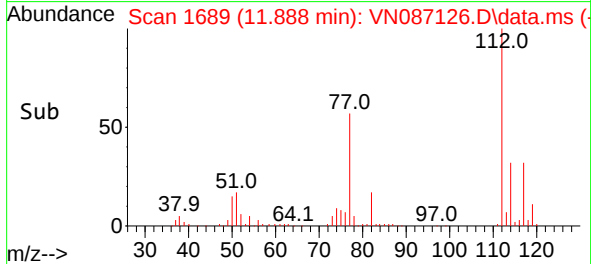
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion:112 Resp: 10779
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

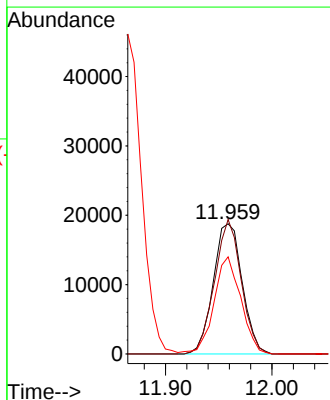
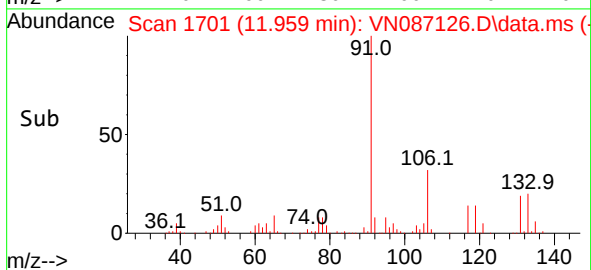
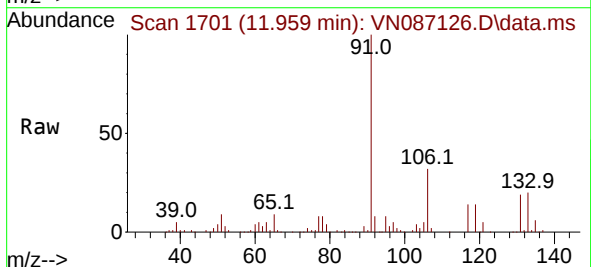
Manual Integrations
APPROVED

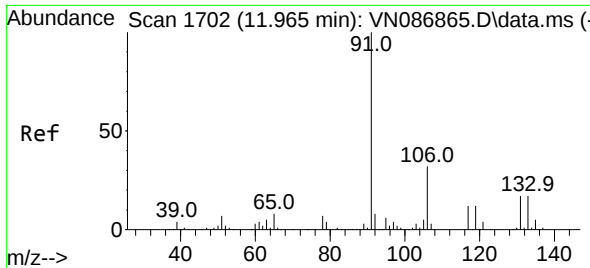
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.110 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion:131 Resp: 35426
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.8
119 69.4 34.0 101.8





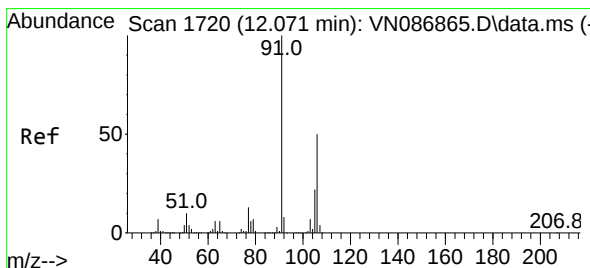
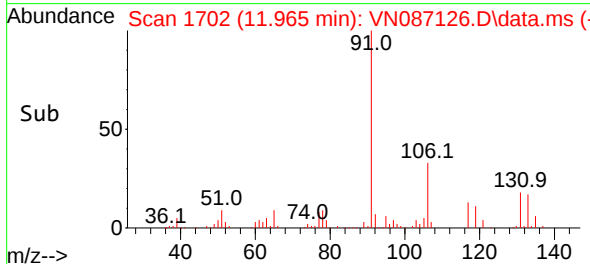
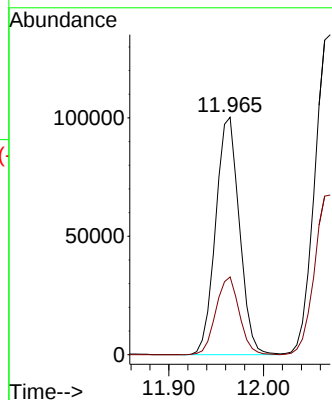
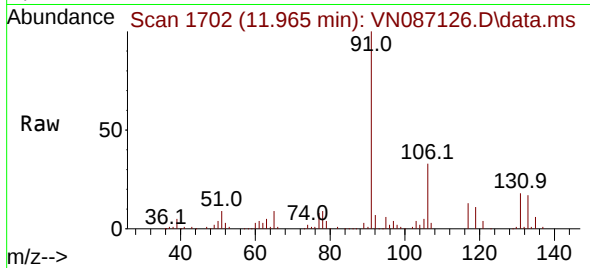
#67
Ethyl Benzene
Concen: 17.628 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 91 Resp: 175109
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.2

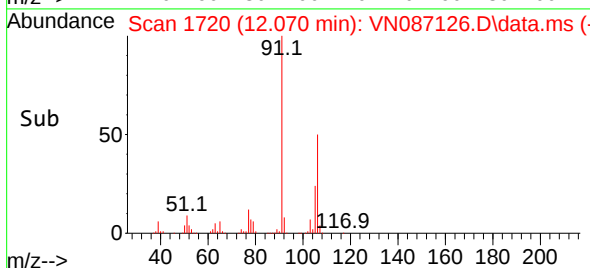
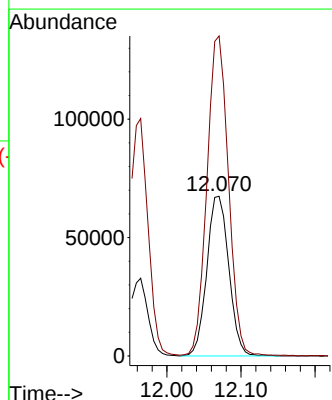
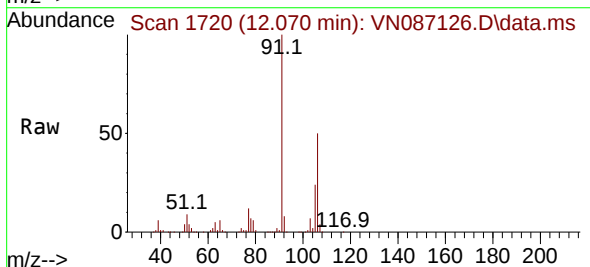
Manual Integrations
APPROVED

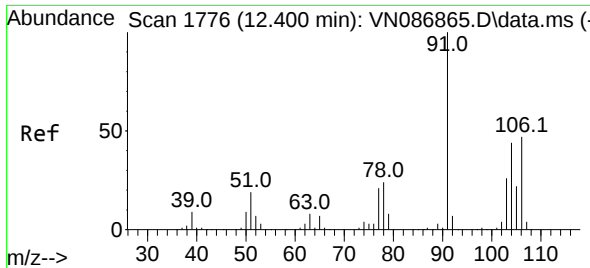
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#68
m/p-Xylenes
Concen: 36.546 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion:106 Resp: 138965
Ion Ratio Lower Upper
106 100
91 196.6 159.4 239.0





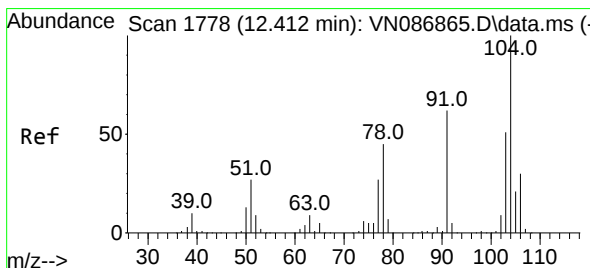
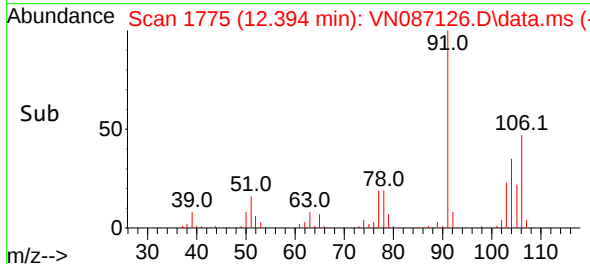
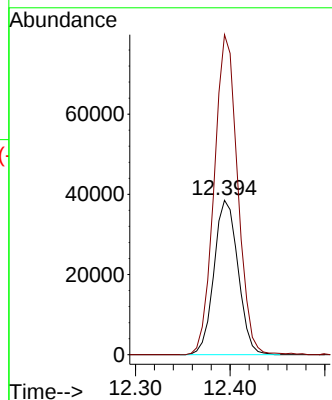
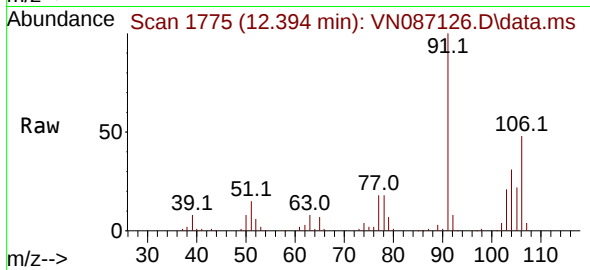
#69
o-Xylene
Concen: 18.642 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion:106 Resp: 6789
Ion Ratio Lower Upper
106 100
91 203.2 106.1 318.1

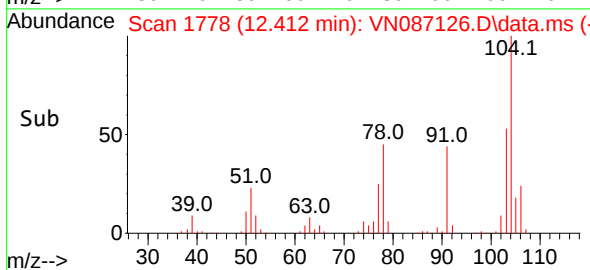
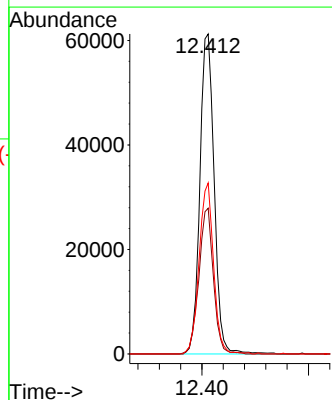
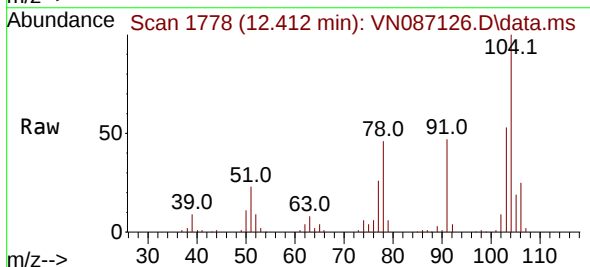
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#70
Styrene
Concen: 18.286 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

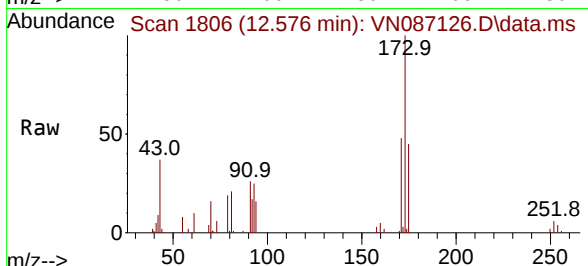
Tgt Ion:104 Resp: 113953
Ion Ratio Lower Upper
104 100
78 46.4 38.5 57.7
103 54.1 43.1 64.7





#71
Bromoform
Concen: 19.825 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

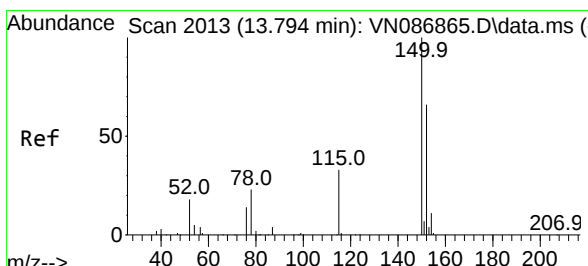
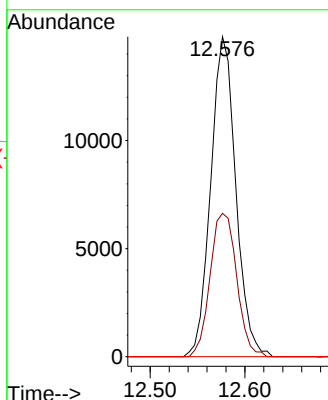
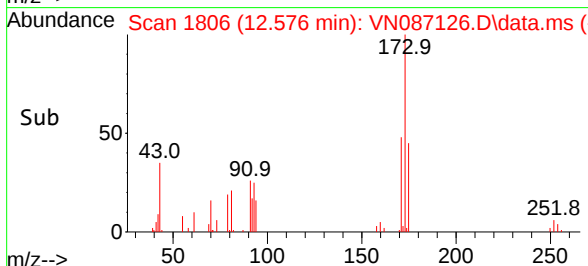
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



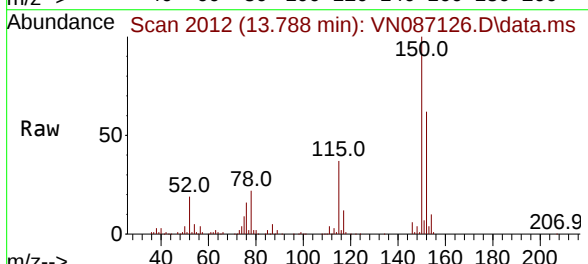
Tgt Ion:173 Resp: 2723
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

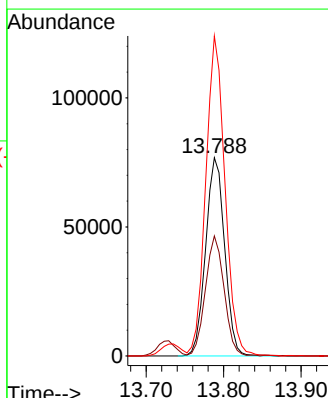
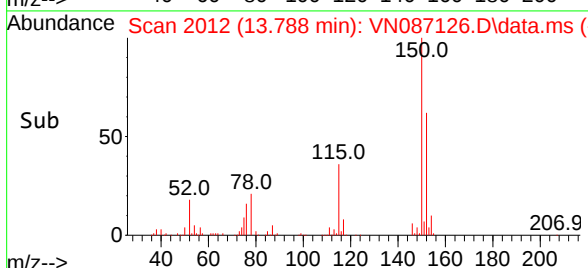
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

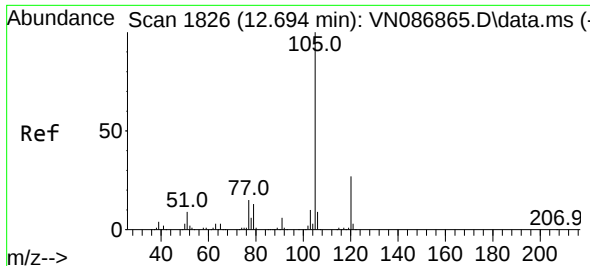


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



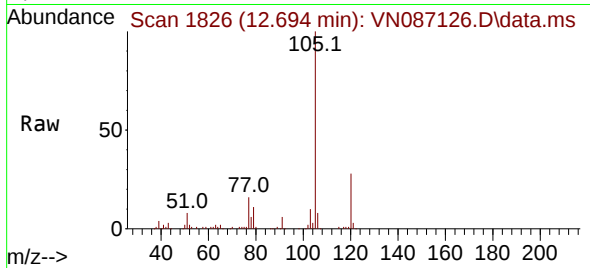
Tgt Ion:152 Resp: 130934
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.5
150 163.1 0.0 345.0





#73
Isopropylbenzene
Concen: 17.283 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

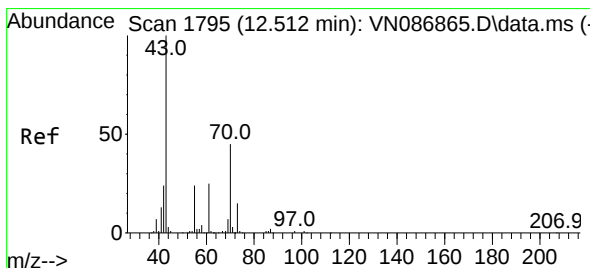
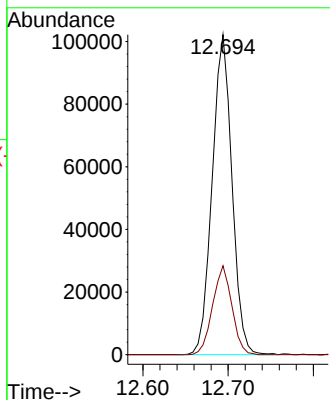
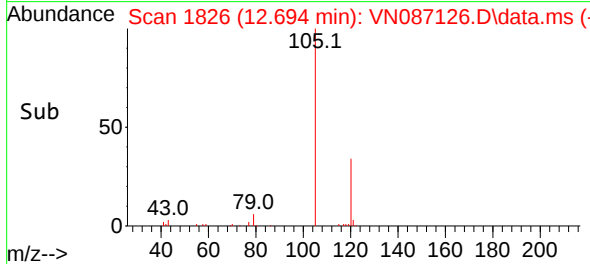
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



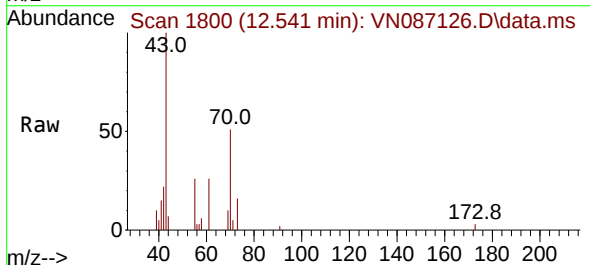
Tgt Ion:105 Resp: 164850
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations
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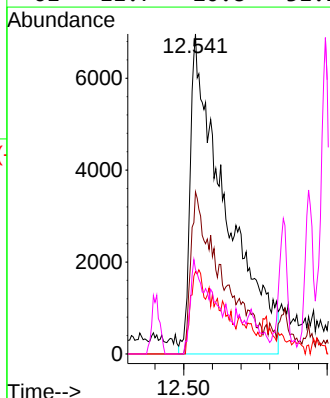
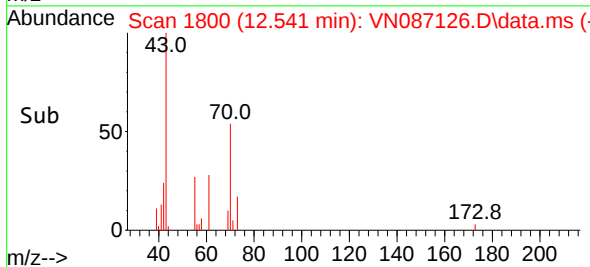
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

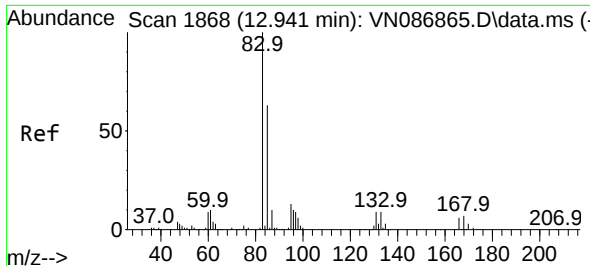


#74
N-ethyl acetate
Concen: 17.732 ug/l m
RT: 12.541 min Scan# 1800
Delta R.T. 0.029 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



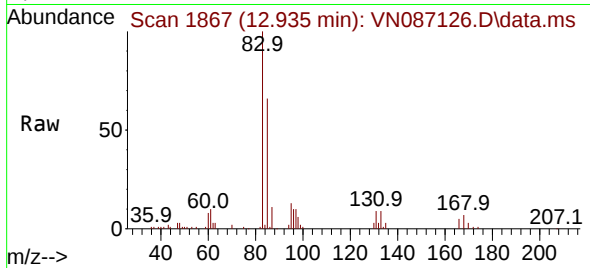
Tgt Ion: 43 Resp: 59103
Ion Ratio Lower Upper
43 100
70 18.1 37.6 56.4#
55 9.8 19.0 28.6#
61 11.7 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.531 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

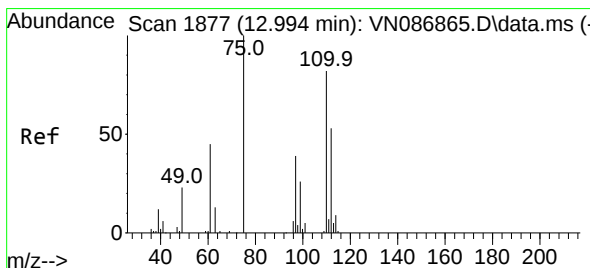
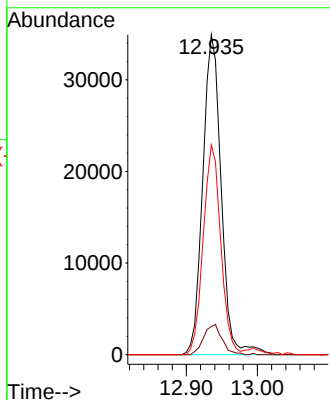
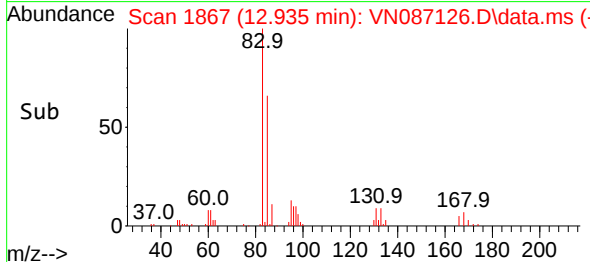
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



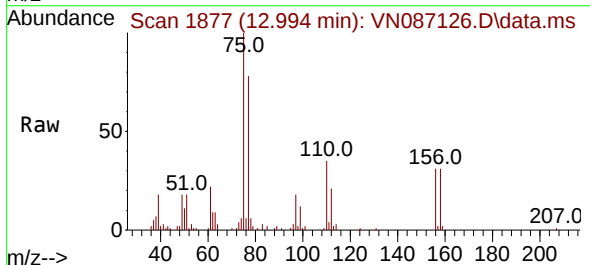
Tgt Ion: 83 Resp: 6311
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 62.4 32.0 96.0

Manual Integrations
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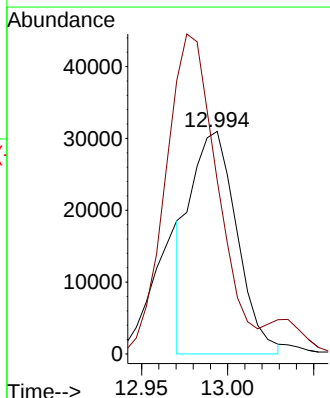
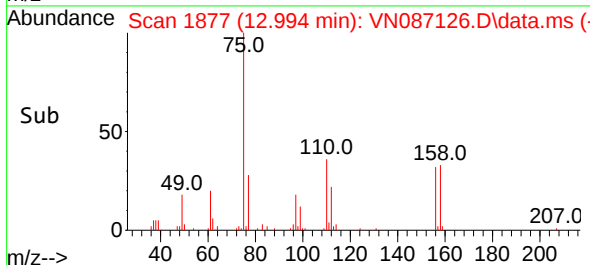
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

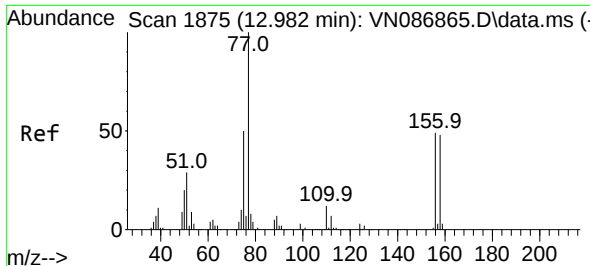


#76
1,2,3-Trichloropropane
Concen: 18.669 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



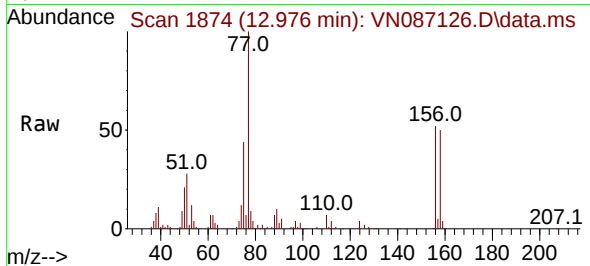
Tgt Ion: 75 Resp: 58103
Ion Ratio Lower Upper
75 100
77 161.0 79.3 237.9





#77
Bromobenzene
Concen: 18.992 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

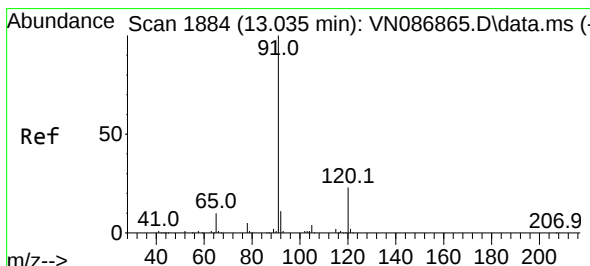
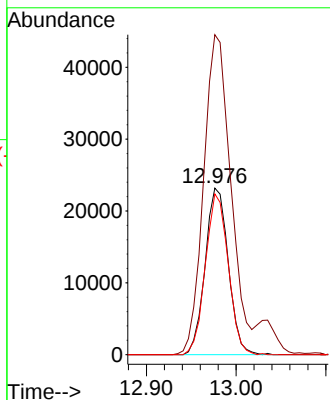
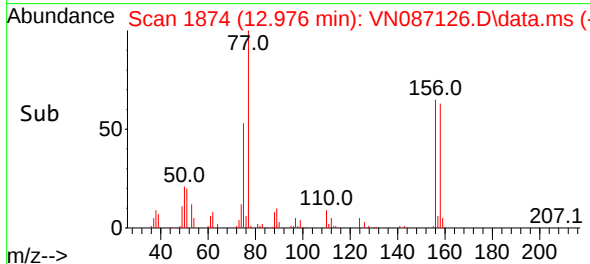
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion:156 Resp: 4154
Ion Ratio Lower Upper
156 100
77 225.1 117.7 353.1
158 95.4 48.1 144.4

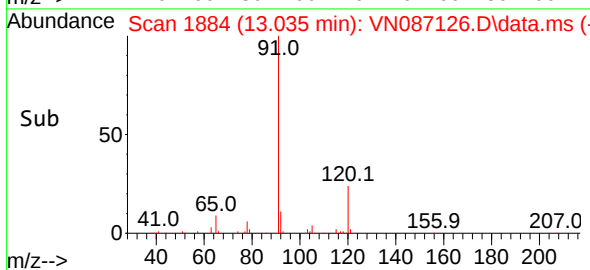
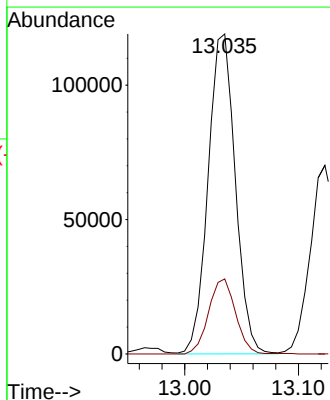
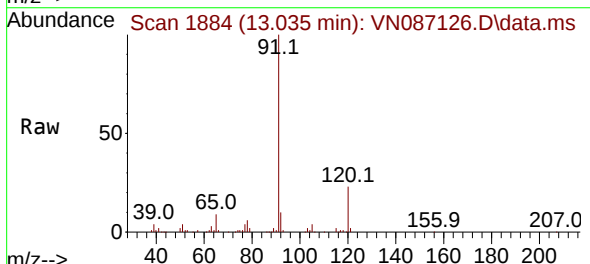
Manual Integrations
APPROVED

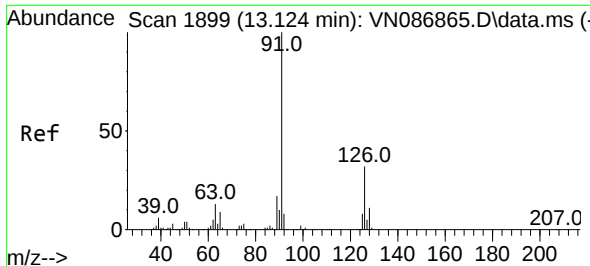
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#78
n-propylbenzene
Concen: 17.080 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion: 91 Resp: 197986
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2





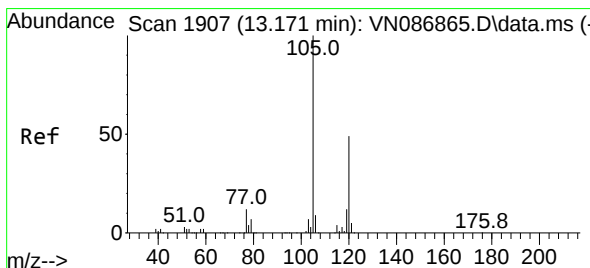
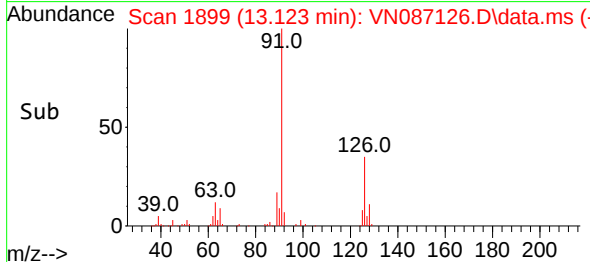
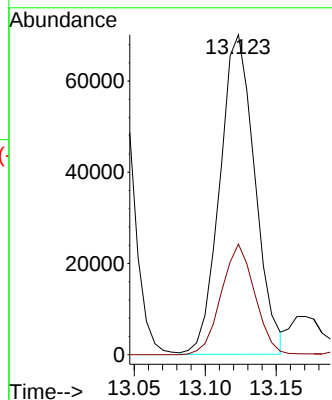
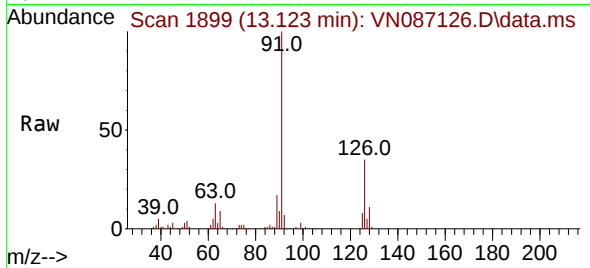
#79
2-Chlorotoluene
Concen: 17.355 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 91 Resp: 12064
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.5

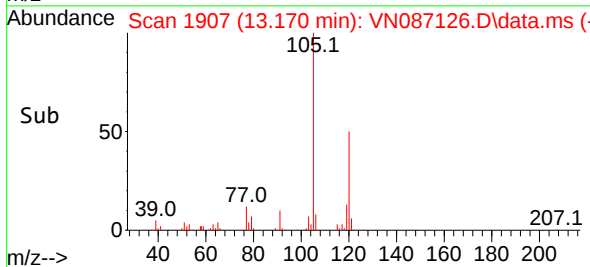
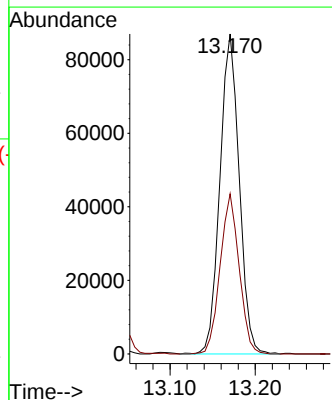
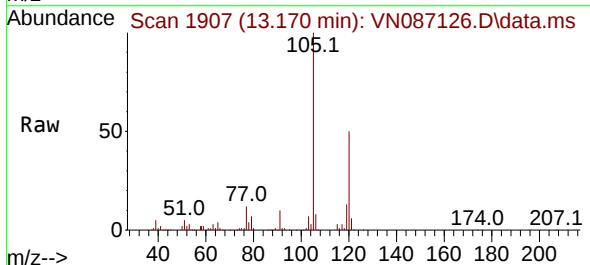
Manual Integrations
APPROVED

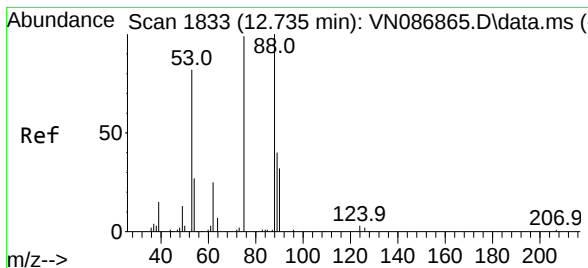
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.390 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

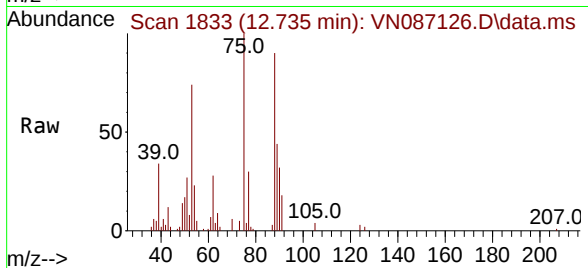
Tgt Ion:105 Resp: 136950
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.979 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

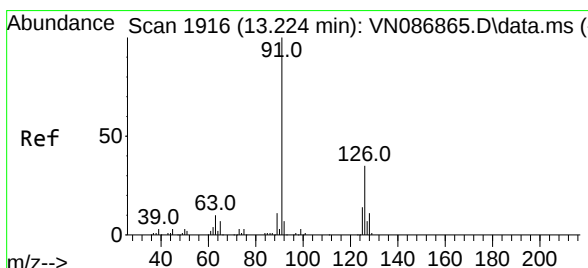
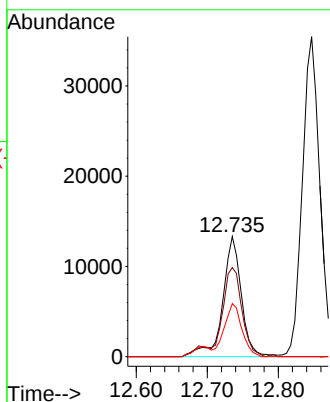
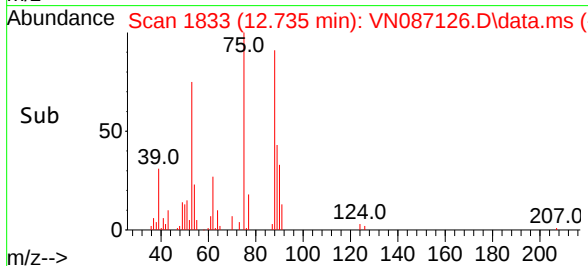
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion: 75 Resp: 24309
Ion Ratio Lower Upper
75 100
53 75.6 66.6 99.8
89 41.9 36.7 55.1

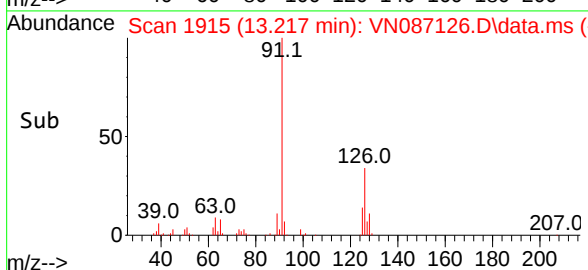
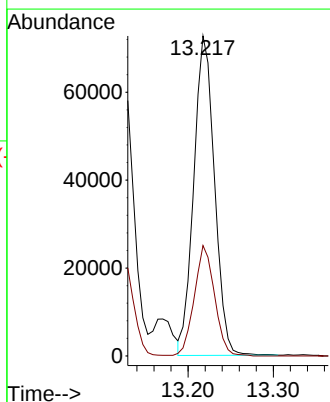
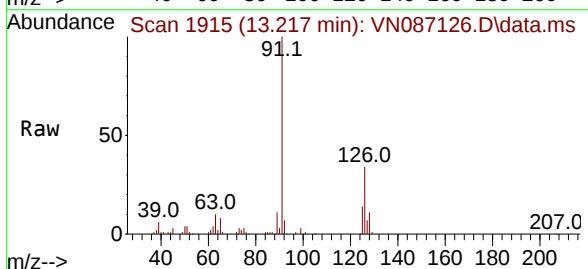
Manual Integrations
APPROVED

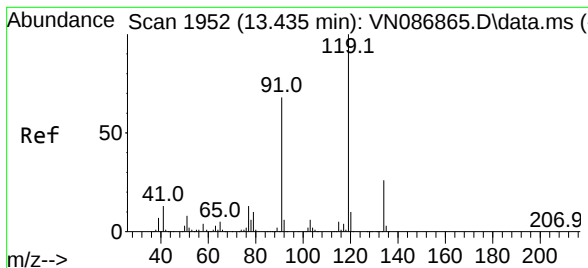
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#82
4-Chlorotoluene
Concen: 17.459 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

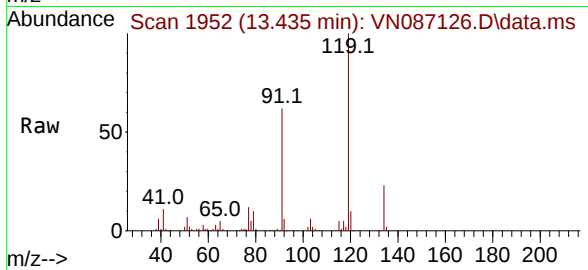
Tgt Ion: 91 Resp: 122808
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.1





#83
tert-Butylbenzene
Concen: 16.093 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

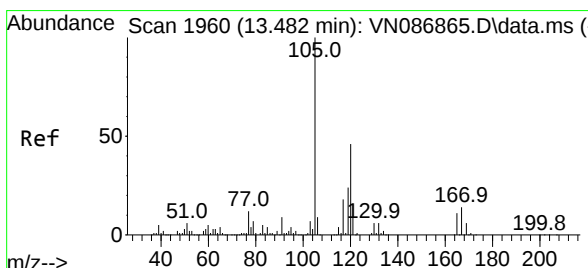
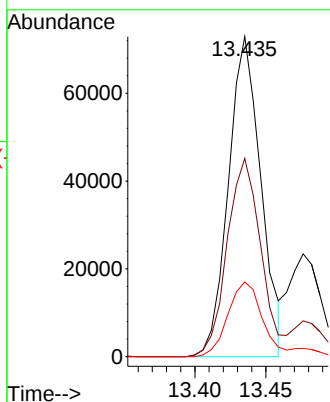
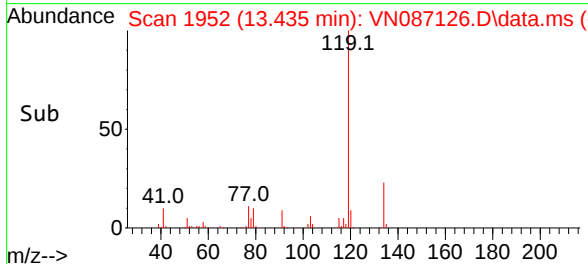
Instrument : MSVOA_N
ClientSampleId : VN0620WBSD01



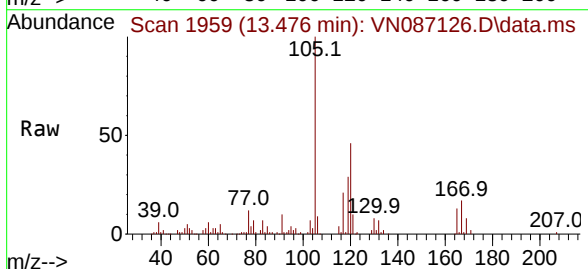
Tgt Ion:119 Resp: 116014
Ion Ratio Lower Upper
119 100
91 64.9 32.1 96.5
134 26.6 13.4 40.1

Manual Integrations
APPROVED

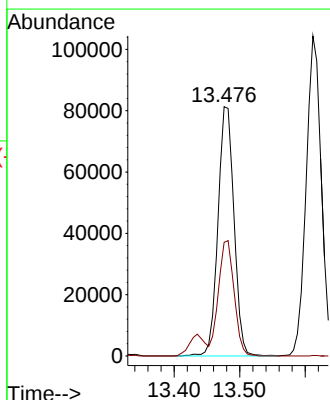
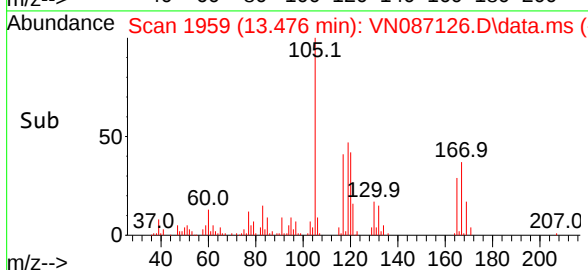
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

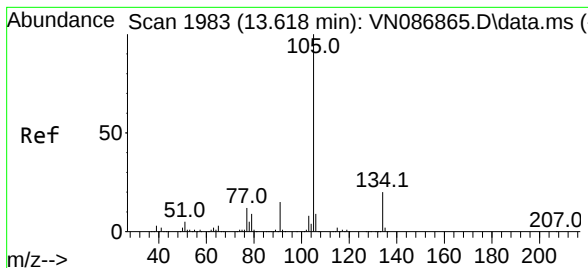


#84
1,2,4-Trimethylbenzene
Concen: 17.443 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



Tgt Ion:105 Resp: 137747
Ion Ratio Lower Upper
105 100
120 45.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 16.006 ug/l

RT: 13.612 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBSD01

Tgt Ion:105 Resp: 16756

Ion Ratio Lower Upper

105 100

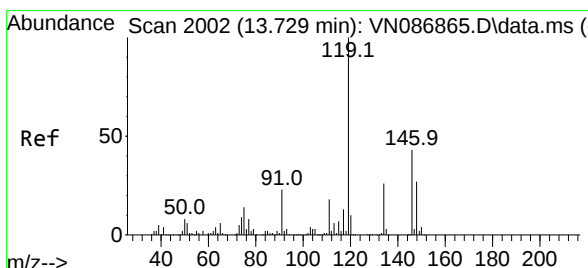
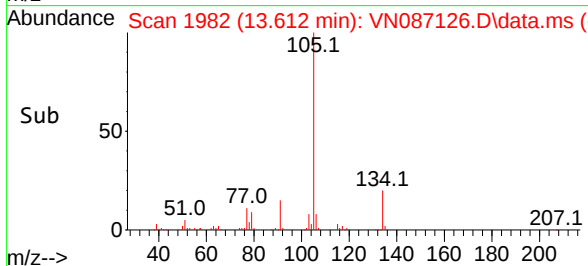
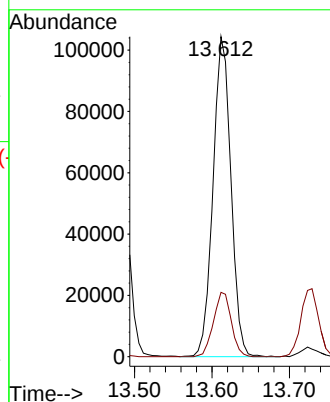
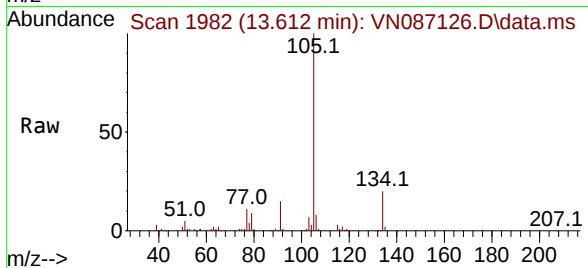
134 20.0 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#86

p-Isopropyltoluene

Concen: 15.924 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087126.D

Acq: 20 Jun 2025 10:40

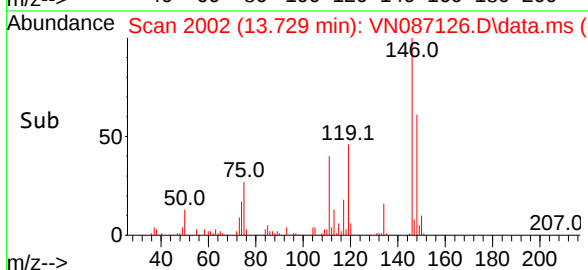
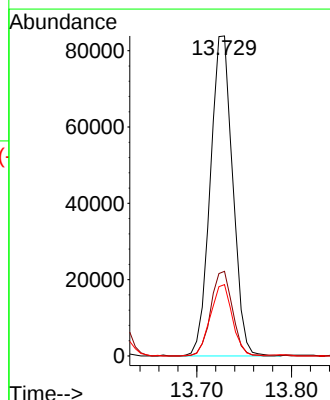
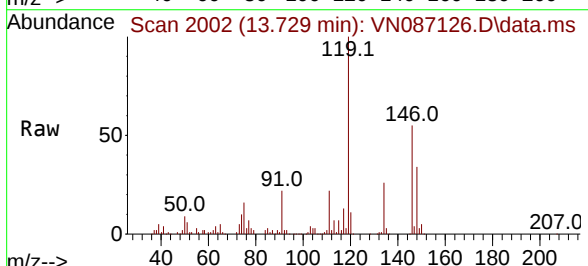
Tgt Ion:119 Resp: 137806

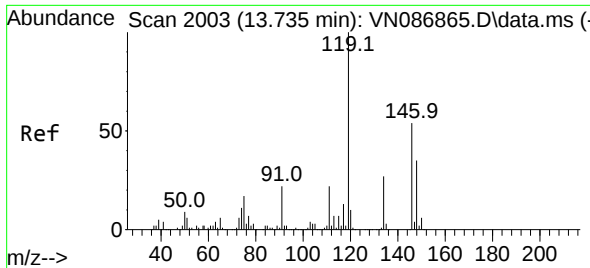
Ion Ratio Lower Upper

119 100

134 25.6 13.5 40.4

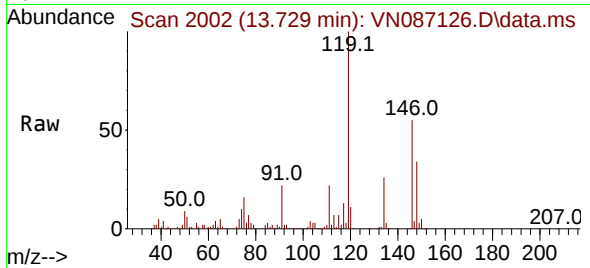
91 22.0 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 18.523 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

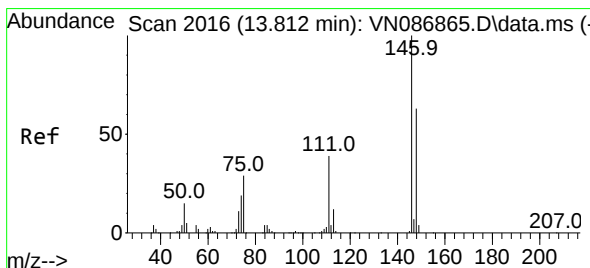
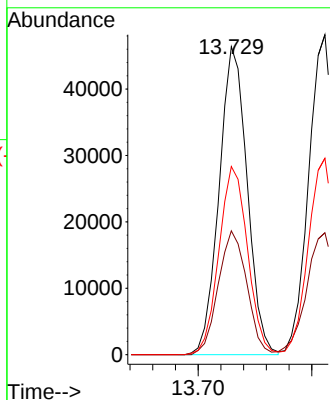
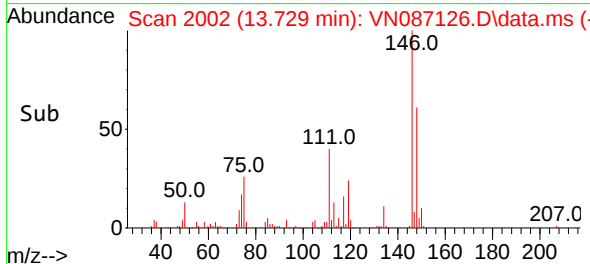
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



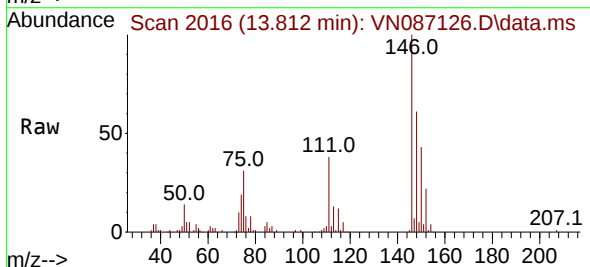
Tgt Ion:146 Resp: 7972
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.8
148 62.4 32.0 96.2

Manual Integrations
APPROVED

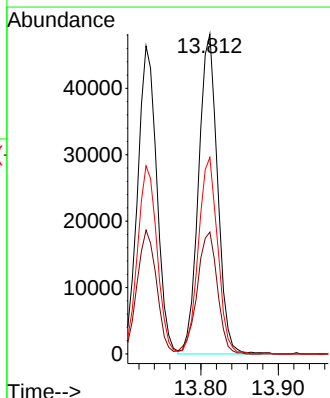
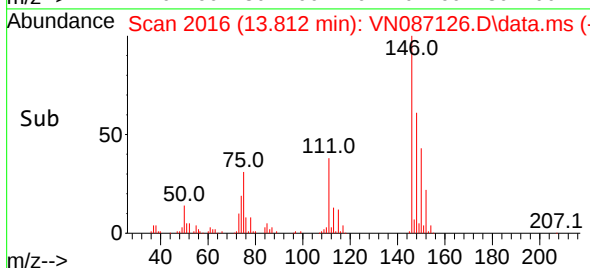
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

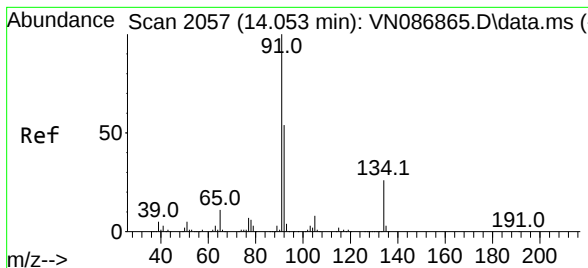


#88
1,4-Dichlorobenzene
Concen: 18.641 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40



Tgt Ion:146 Resp: 81795
Ion Ratio Lower Upper
146 100
111 40.8 19.9 59.7
148 62.6 31.8 95.4





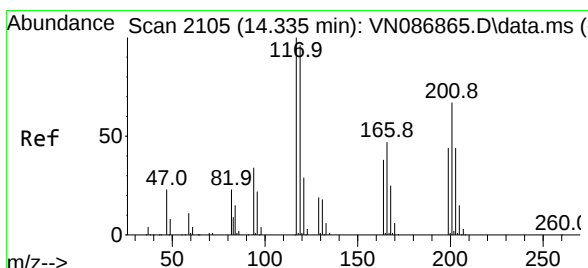
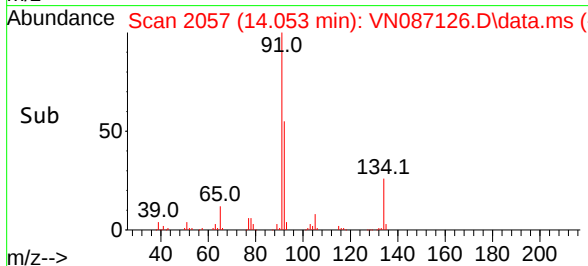
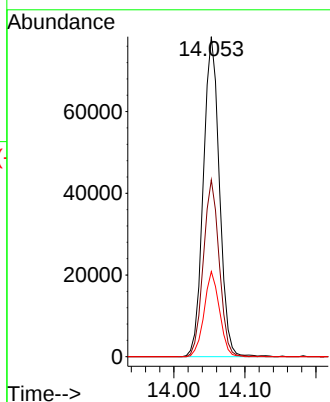
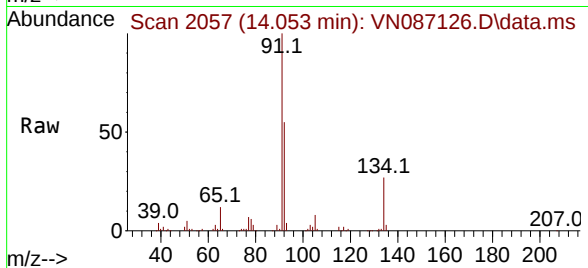
#89
n-Butylbenzene
Concen: 14.741 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion: 91 Resp: 12356
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 25.4 13.0 39.0

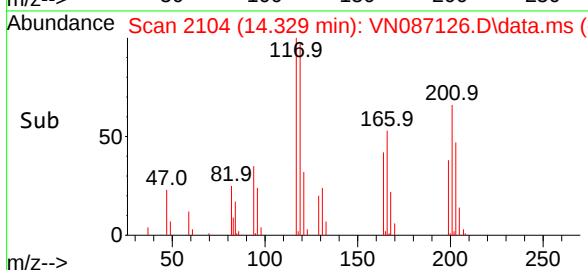
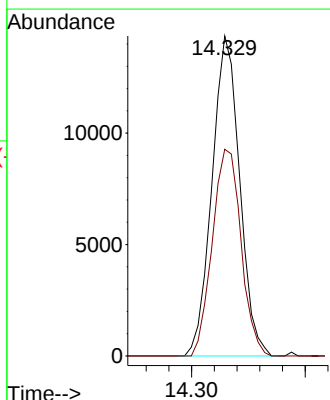
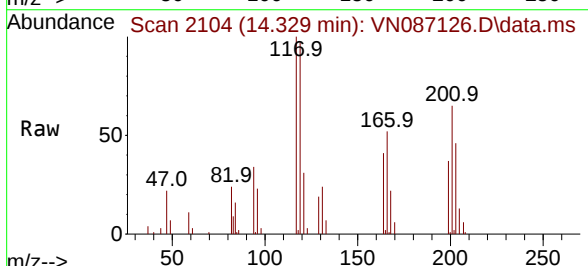
Manual Integrations
APPROVED

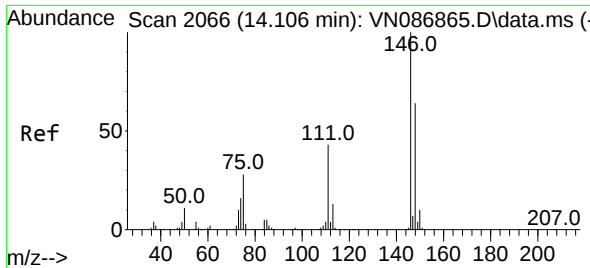
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#90
Hexachloroethane
Concen: 16.558 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion:117 Resp: 24288
Ion Ratio Lower Upper
117 100
201 67.0 33.2 99.6





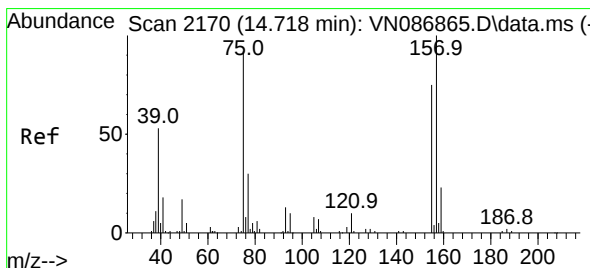
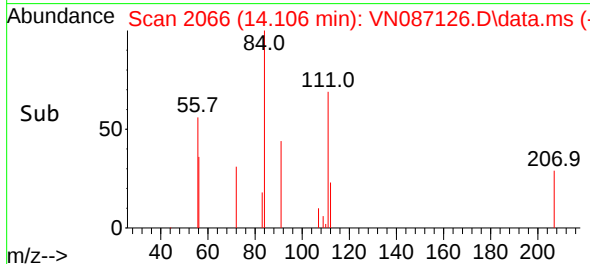
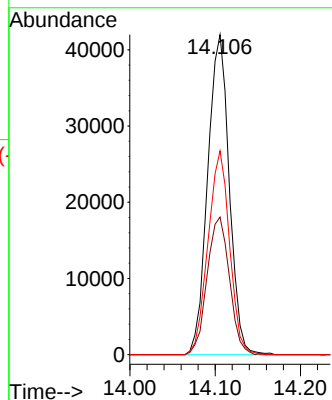
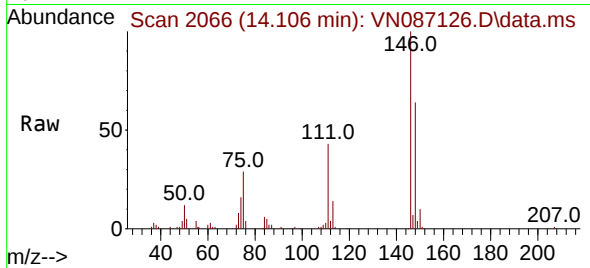
#91
1,2-Dichlorobenzene
Concen: 17.812 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.6	64.6
148	63.6	31.7	95.1

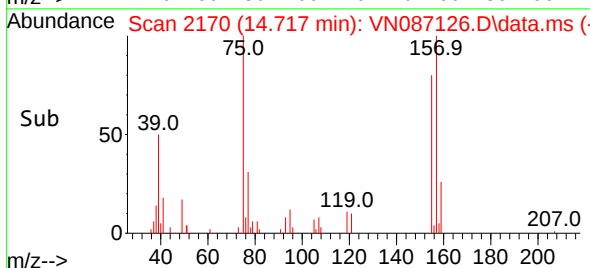
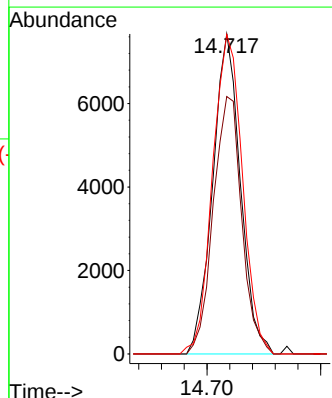
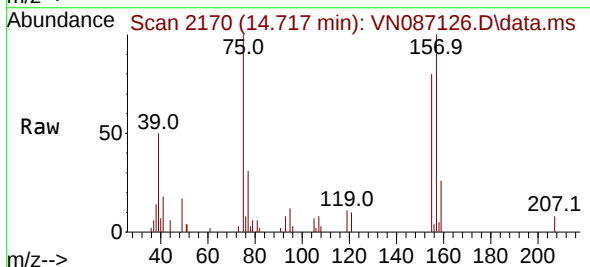
Manual Integrations
APPROVED

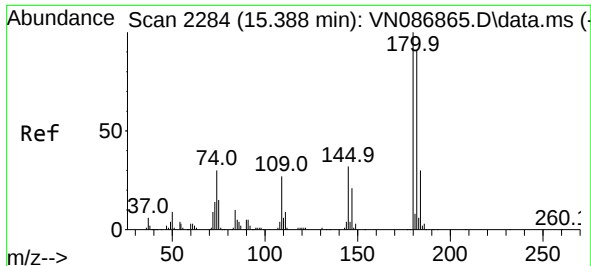
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.833 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

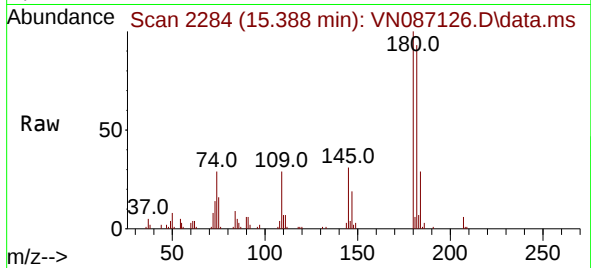
Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	41.1	123.4
157	107.0	52.7	158.1





#93
 1,2,4-Trichlorobenzene
 Concen: 15.239 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: VN087126.D
 Acq: 20 Jun 2025 10:40

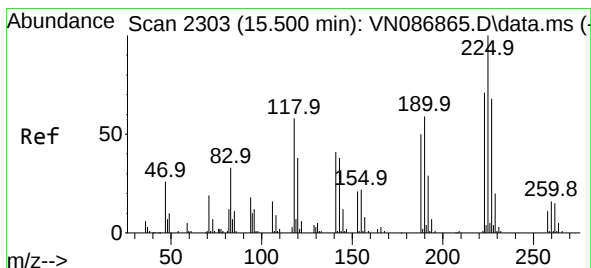
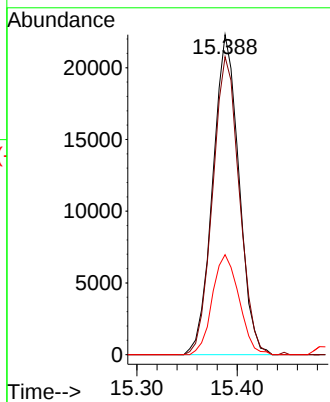
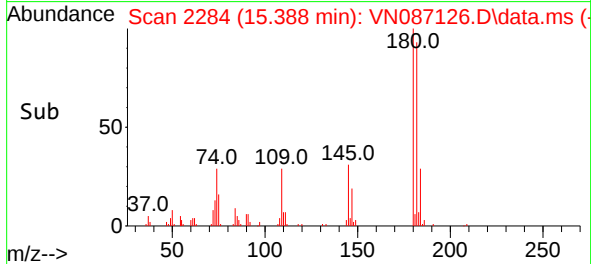
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01



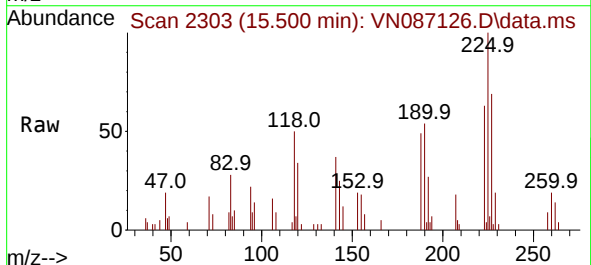
Tgt Ion:180 Resp: 40239
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.7
 145 31.9 16.0 47.9

Manual Integrations
 APPROVED

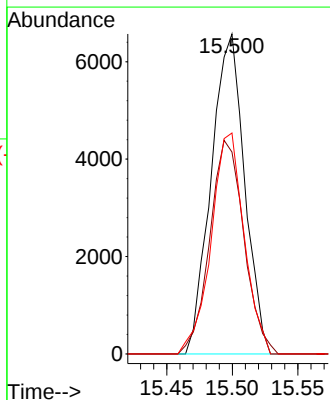
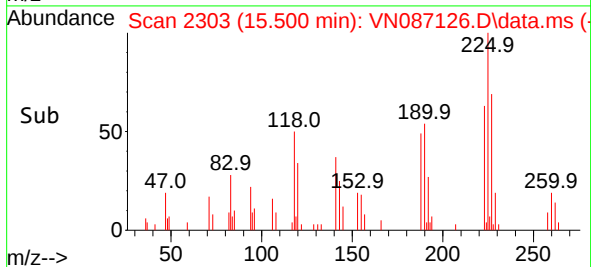
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

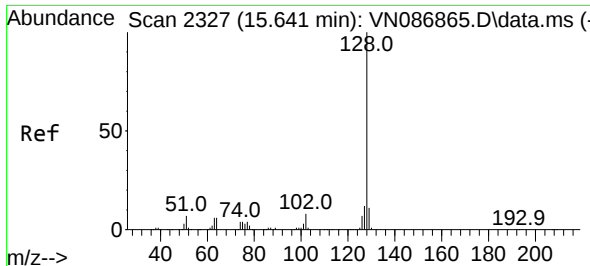


#94
 Hexachlorobutadiene
 Concen: 11.825 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN087126.D
 Acq: 20 Jun 2025 10:40



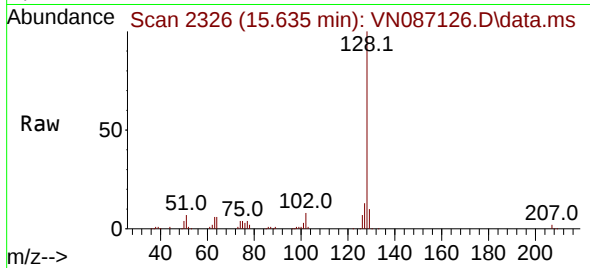
Tgt Ion:225 Resp: 11633
 Ion Ratio Lower Upper
 225 100
 223 68.4 33.5 100.4
 227 68.1 31.1 93.5





#95
Naphthalene
Concen: 16.027 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

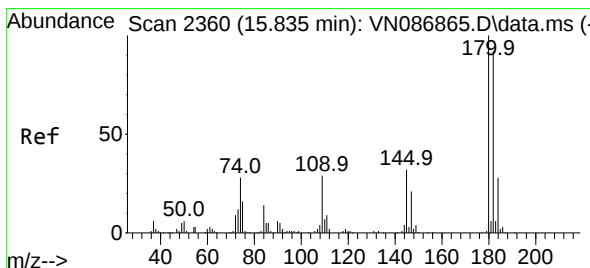
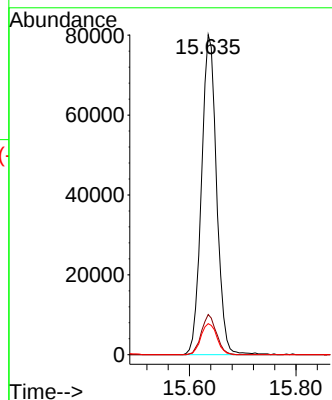
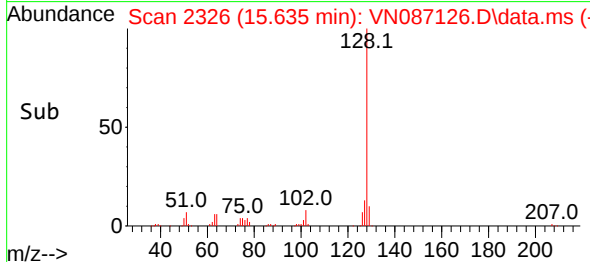
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBSD01



Tgt Ion:128 Resp: 15751
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.3 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 14.795 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN087126.D
Acq: 20 Jun 2025 10:40

Tgt Ion:180 Resp: 38813
Ion Ratio Lower Upper
180 100
182 93.1 47.0 141.0
145 33.2 16.6 49.8

