

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087105.D
 Acq On : 19 Jun 2025 12:56
 Operator : JC\MD
 Sample : VN0619WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 01:22:44 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	156502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104317	49.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.560%		
35) Dibromofluoromethane	8.171	113	89854	54.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.140%		
50) Toluene-d8	10.565	98	329809	50.136	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.280%		
62) 4-Bromofluorobenzene	12.847	95	124425	50.910	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	31378	20.109	ug/l	97
3) Chloromethane	2.395	50	34051	16.899	ug/l	96
4) Vinyl Chloride	2.554	62	41795	20.107	ug/l	99
5) Bromomethane	2.995	94	22472	19.319	ug/l	95
6) Chloroethane	3.159	64	26845	19.994	ug/l	93
7) Trichlorofluoromethane	3.530	101	53716	19.779	ug/l	99
8) Diethyl Ether	3.983	74	23075	19.501	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	34405	20.165	ug/l	99
10) Methyl Iodide	4.612	142	24125	10.907	ug/l	98
11) Tert butyl alcohol	5.542	59	50376	88.602	ug/l	98
12) 1,1-Dichloroethene	4.365	96	34380	19.737	ug/l	93
13) Acrolein	4.201	56	14158	78.669	ug/l	98
14) Allyl chloride	5.053	41	49808	17.241	ug/l	97
15) Acrylonitrile	5.736	53	125030	94.083	ug/l	99
16) Acetone	4.448	43	100998	90.891	ug/l	95
17) Carbon Disulfide	4.736	76	97905	20.319	ug/l	97
18) Methyl Acetate	5.048	43	53029	16.376	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	118085	18.723	ug/l	97
20) Methylene Chloride	5.295	84	39851	19.156	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	37142	19.165	ug/l	89
22) Diisopropyl ether	6.689	45	111516	18.313	ug/l	98
23) Vinyl Acetate	6.618	43	487932	94.837	ug/l	97
24) 1,1-Dichloroethane	6.589	63	66786	19.058	ug/l	98
25) 2-Butanone	7.494	43	156048	86.395	ug/l	97
26) 2,2-Dichloropropane	7.500	77	57217	20.990	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	44747	19.306	ug/l	98
28) Bromochloromethane	7.824	49	30290	17.580	ug/l	94
29) Tetrahydrofuran	7.847	42	103954	88.349	ug/l	97
30) Chloroform	7.971	83	68555	19.589	ug/l	92
31) Cyclohexane	8.265	56	59848	17.610	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	57008	19.152	ug/l	93
36) 1,1-Dichloropropene	8.377	75	48536	19.602	ug/l	96
37) Ethyl Acetate	7.571	43	60547	19.209	ug/l	99
38) Carbon Tetrachloride	8.371	117	48001	19.746	ug/l	92
39) Methylcyclohexane	9.606	83	55963	16.497	ug/l	99
40) Benzene	8.612	78	158023	19.516	ug/l	99

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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	7.789	41	32801	18.529	ug/l	97
42) 1,2-Dichloroethane	8.677	62	48636	19.804	ug/l	100
43) Isopropyl Acetate	8.694	43	91276	18.042	ug/l	98
44) Trichloroethene	9.353	130	38235	19.915	ug/l	94
45) 1,2-Dichloropropane	9.624	63	38989	19.793	ug/l	99
46) Dibromomethane	9.712	93	26641	20.361	ug/l	98
47) Bromodichloromethane	9.894	83	53533	19.886	ug/l	97
48) Methyl methacrylate	9.683	41	40660	17.462	ug/l	97
49) 1,4-Dioxane	9.706	88	17077	403.129	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	282388	92.719	ug/l	99
52) Toluene	10.630	92	97582	19.720	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	59590	19.796	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	64579	20.050	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	38600	20.273	ug/l	97
56) Ethyl methacrylate	10.882	69	55356	18.254	ug/l	99
57) 1,3-Dichloropropane	11.165	76	65598	19.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	170045	94.010	ug/l	99
59) 2-Hexanone	11.206	43	158402	80.743	ug/l	95
60) Dibromochloromethane	11.359	129	40977	20.656	ug/l	99
61) 1,2-Dibromoethane	11.471	107	38968	19.967	ug/l	99
64) Tetrachloroethene	11.106	164	29572	18.630	ug/l	96
65) Chlorobenzene	11.888	112	107725	19.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	35515	19.973	ug/l	97
67) Ethyl Benzene	11.965	91	175778	18.448	ug/l	99
68) m/p-Xylenes	12.071	106	139244	38.176	ug/l	98
69) o-Xylene	12.394	106	65997	18.892	ug/l	96
70) Styrene	12.412	104	113231	18.942	ug/l	99
71) Bromoform	12.582	173	26740	20.296	ug/l #	99
73) Isopropylbenzene	12.694	105	162855	17.700	ug/l	100
74) N-amyl acetate	12.535	43	55477m	17.255	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	61618	19.768	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	60596m	20.184	ug/l	
77) Bromobenzene	12.976	156	40932	19.398	ug/l	99
78) n-propylbenzene	13.035	91	196468	17.571	ug/l	100
79) 2-Chlorotoluene	13.123	91	119747	17.857	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	135300	17.811	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22301	17.100	ug/l	94
82) 4-Chlorotoluene	13.218	91	123967	18.271	ug/l	99
83) tert-Butylbenzene	13.435	119	111716	16.066	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	134392	17.642	ug/l	98
85) sec-Butylbenzene	13.612	105	162647	16.106	ug/l	98
86) p-Isopropyltoluene	13.729	119	136862	16.396	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	78738	18.966	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82218	19.425	ug/l	99
89) n-Butylbenzene	14.053	91	122608	15.164	ug/l	99
90) Hexachloroethane	14.335	117	24681	17.443	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	74610	18.706	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13513	18.127	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	41751	16.392	ug/l	100
94) Hexachlorobutadiene	15.500	225	13315	14.032	ug/l	99
95) Naphthalene	15.641	128	160678	16.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	40193	15.883	ug/l	100

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MSVOA_N
ClientSampleId :
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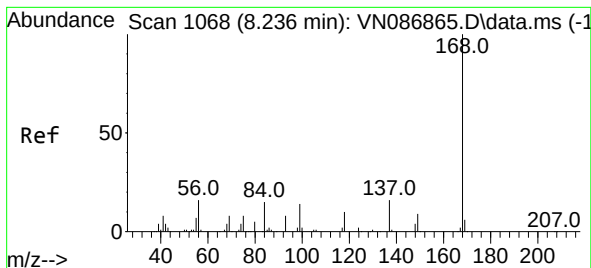
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 01:22:44 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

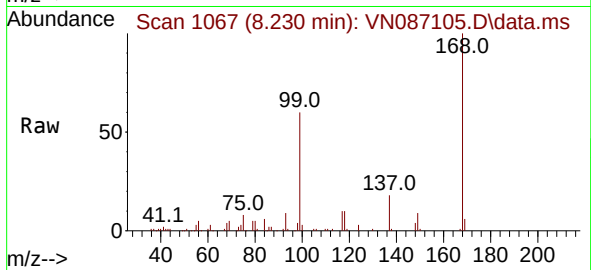
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
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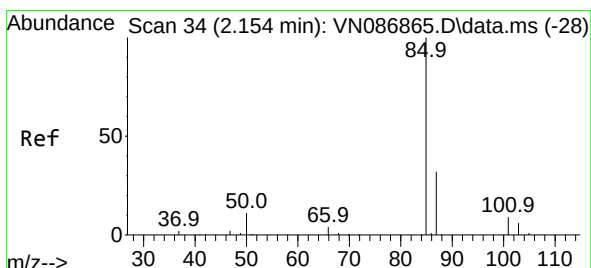
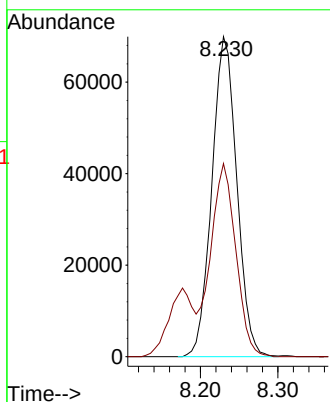
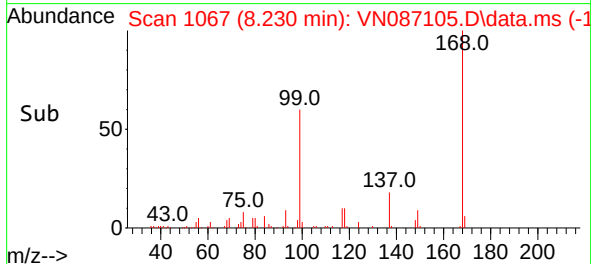
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion:168 Resp: 156502
Ion Ratio Lower Upper
168 100
99 60.4 49.1 73.7

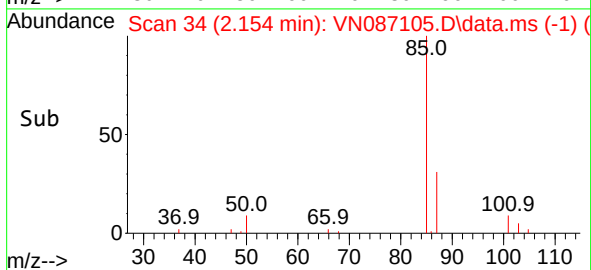
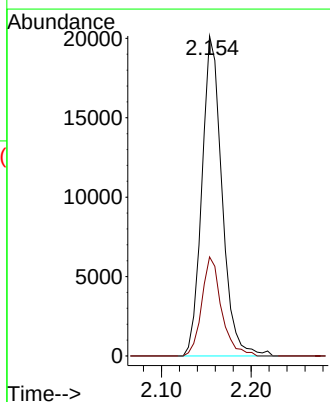
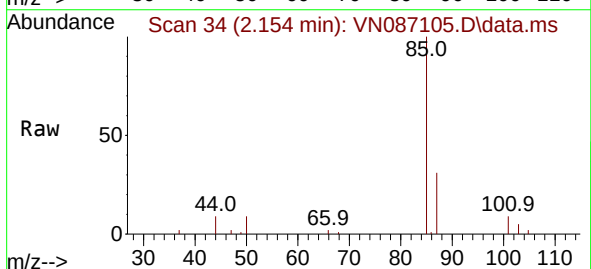
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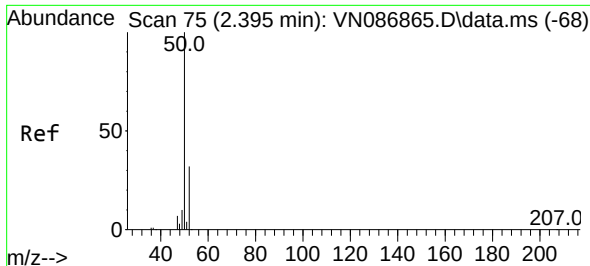
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 20.109 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

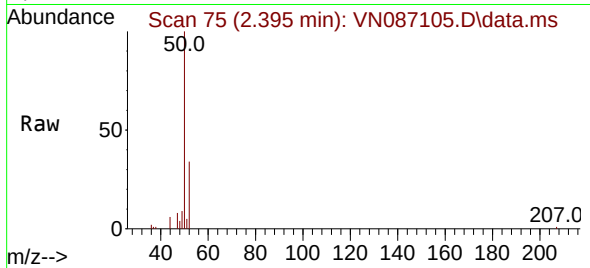
Tgt Ion: 85 Resp: 31378
Ion Ratio Lower Upper
85 100
87 31.0 16.2 48.6





#3
Chloromethane
Concen: 16.899 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

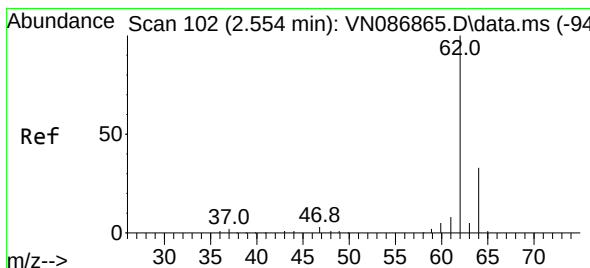
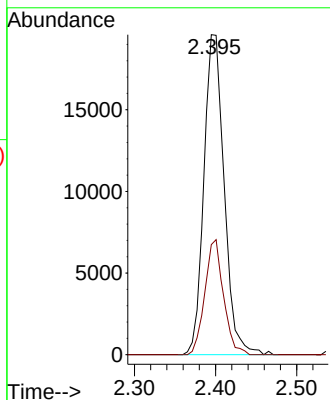
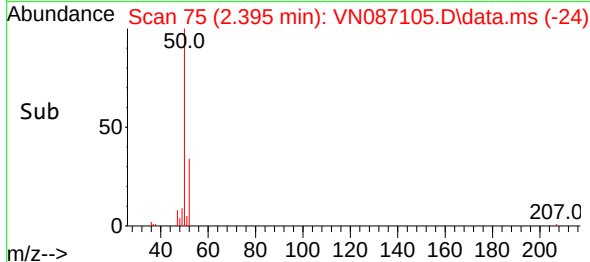
Instrument :
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Tgt Ion: 50 Resp: 3405
Ion Ratio Lower Upper
50 100
52 34.4 25.7 38.5

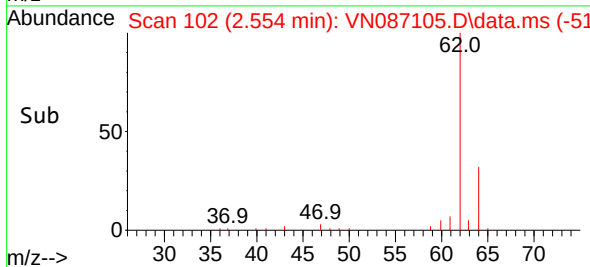
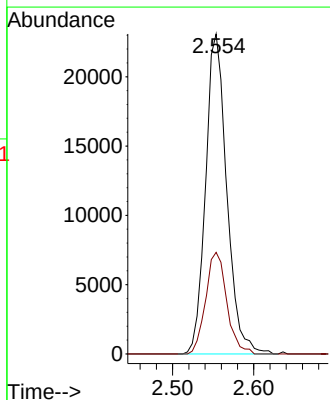
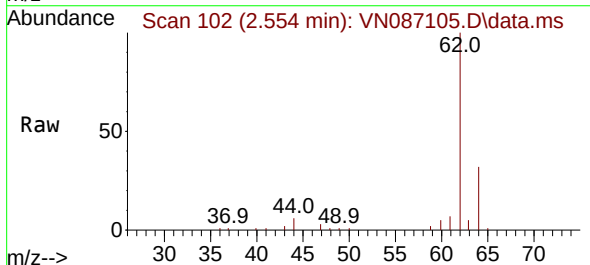
Manual Integrations
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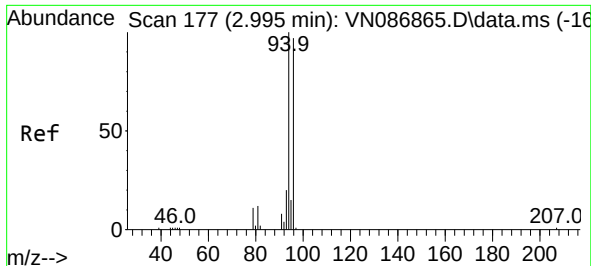
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#4
Vinyl Chloride
Concen: 20.107 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087105.D
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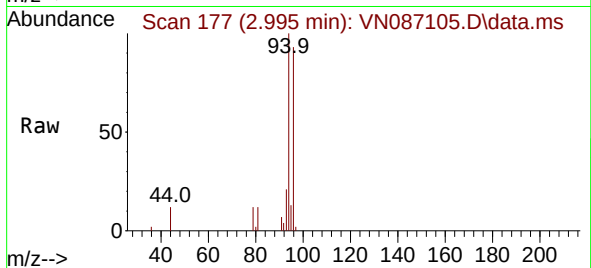
Tgt Ion: 62 Resp: 41795
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





#5
Bromomethane
Concen: 19.319 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087105.D
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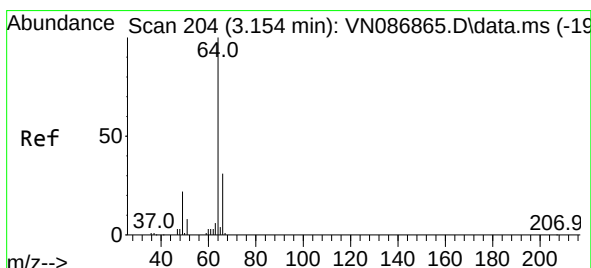
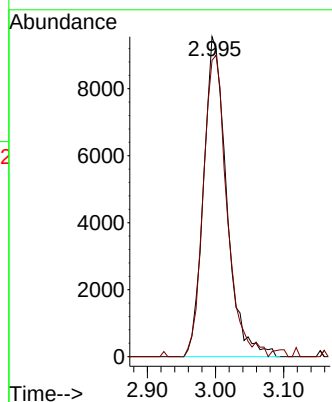
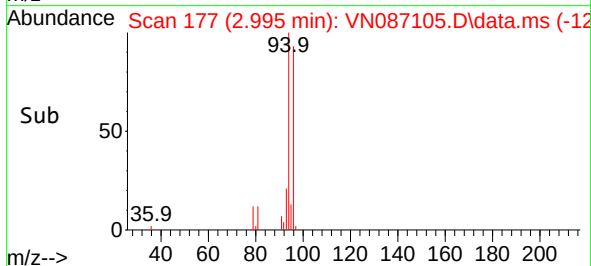
Instrument :
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Tgt Ion: 94 Resp: 22472
Ion Ratio Lower Upper
94 100
96 92.6 77.9 116.9

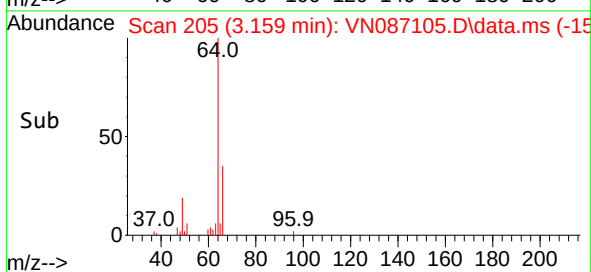
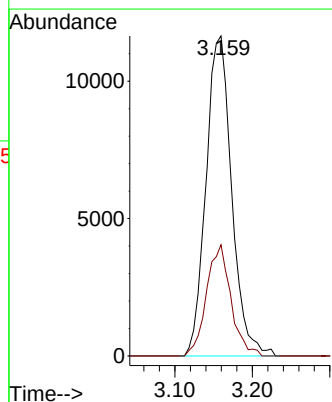
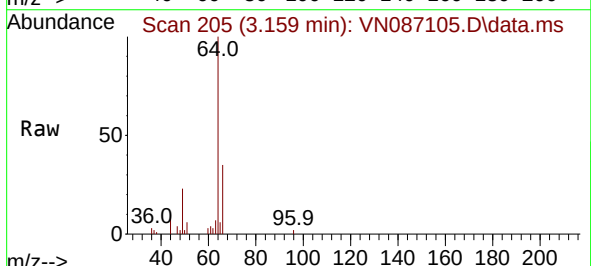
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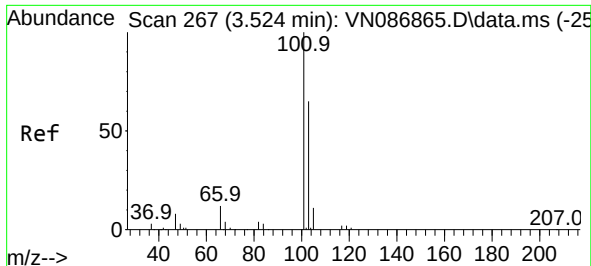
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#6
Chloroethane
Concen: 19.994 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 64 Resp: 26845
Ion Ratio Lower Upper
64 100
66 34.7 24.6 36.8





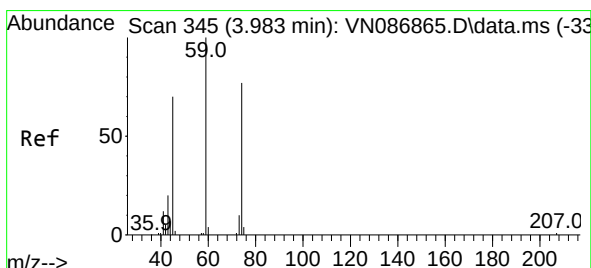
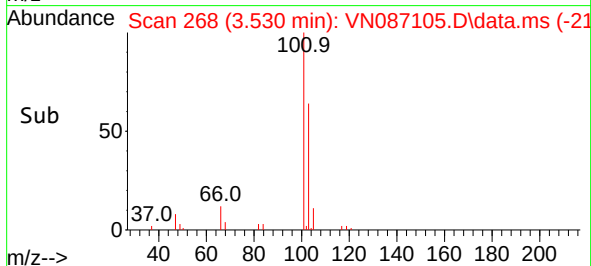
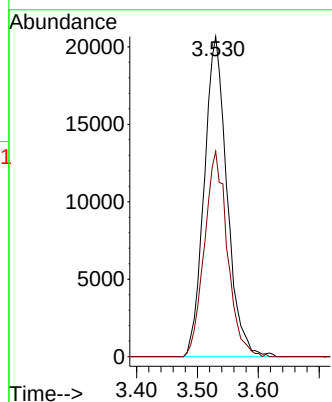
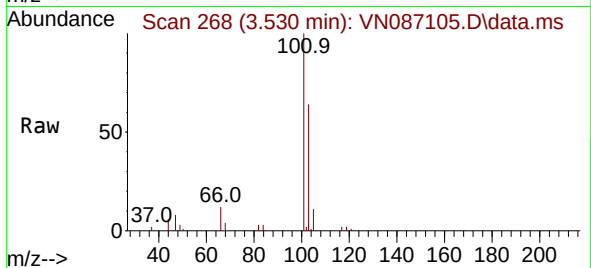
#7
Trichlorofluoromethane
Concen: 19.779 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:101 Resp: 53710
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2

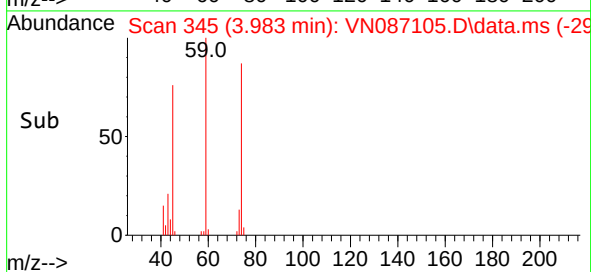
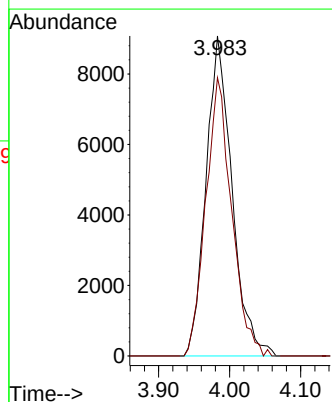
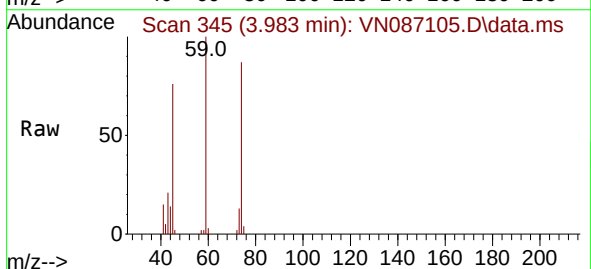
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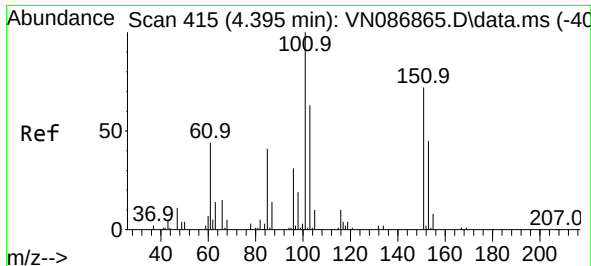
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#8
Diethyl Ether
Concen: 19.501 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 74 Resp: 23075
Ion Ratio Lower Upper
74 100
45 86.7 45.5 136.5





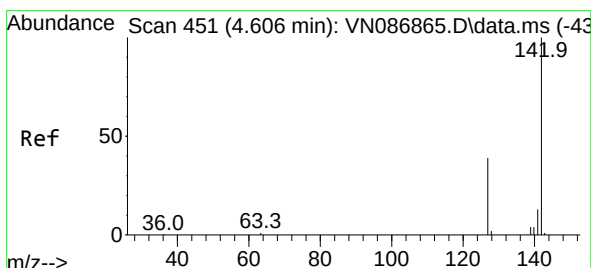
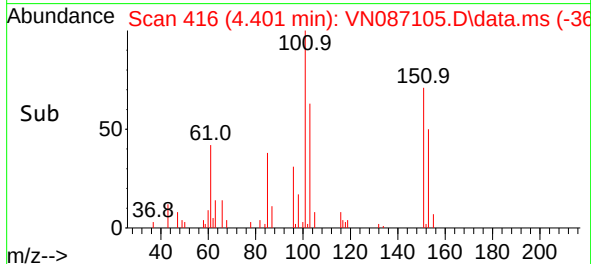
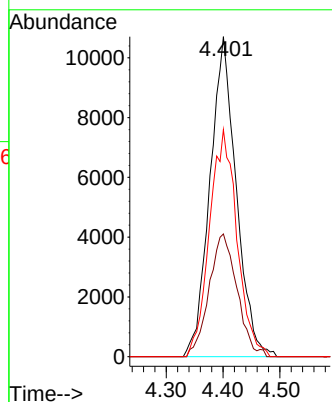
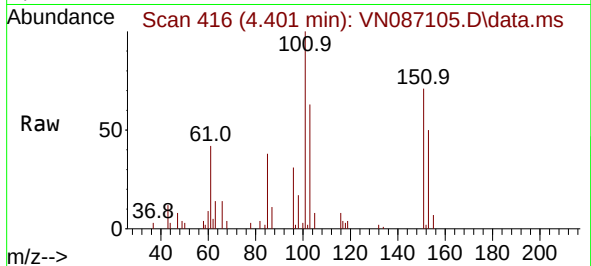
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.165 ug/l
RT: 4.401 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:101 Resp: 3440
Ion Ratio Lower Upper
101 100
85 40.8 33.8 50.8
151 74.1 58.7 88.1

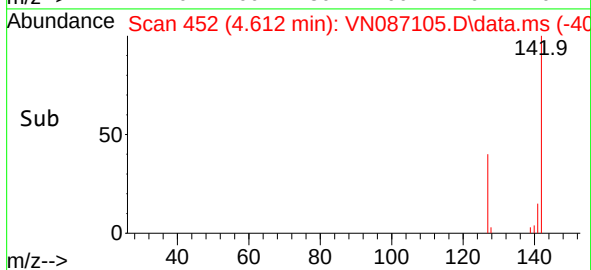
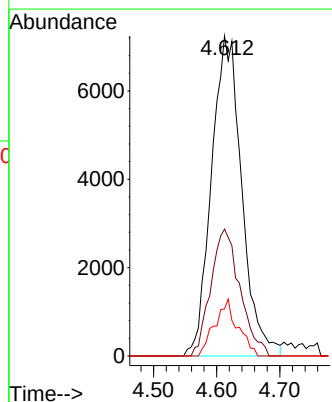
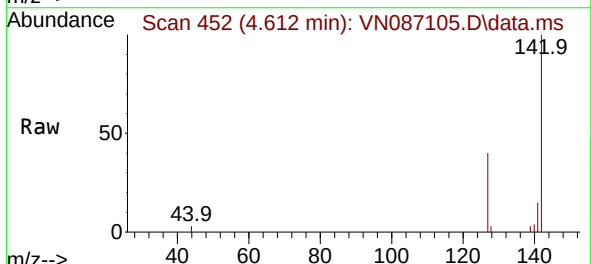
Manual Integrations
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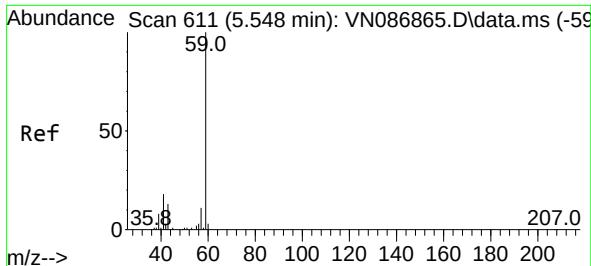
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 10.907 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion:142 Resp: 24125
Ion Ratio Lower Upper
142 100
127 39.7 30.9 46.3
141 14.7 10.4 15.6





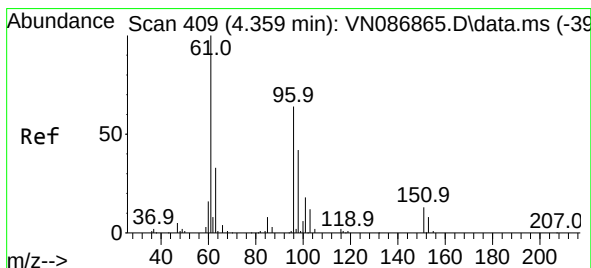
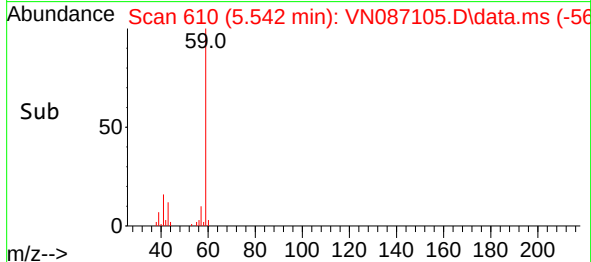
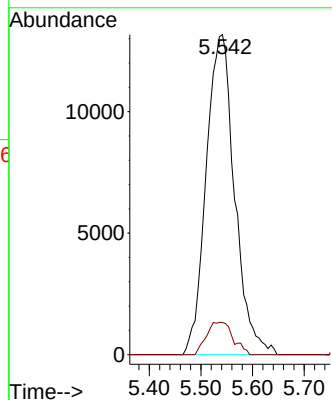
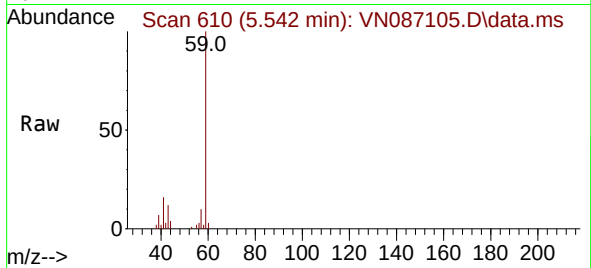
#11
Tert butyl alcohol
Concen: 88.602 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 59 Resp: 50370
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

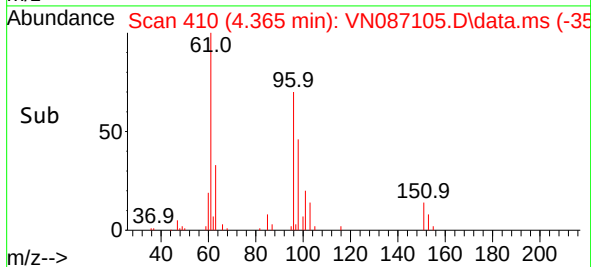
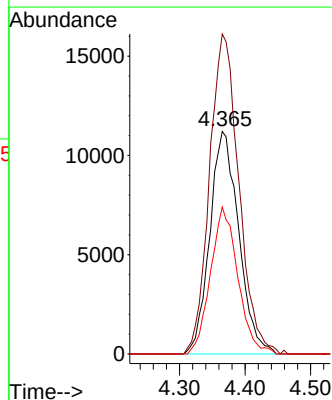
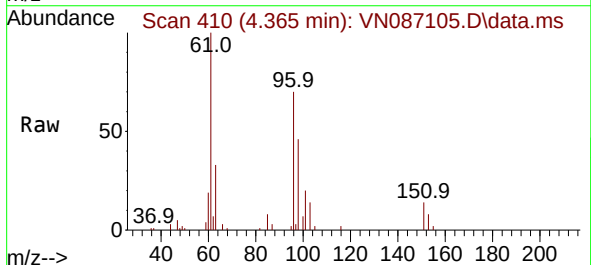
Manual Integrations
APPROVED

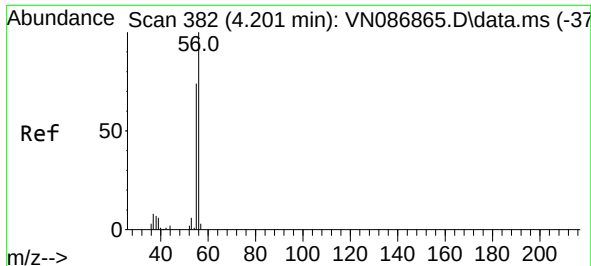
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#12
1,1-Dichloroethene
Concen: 19.737 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 96 Resp: 34380
Ion Ratio Lower Upper
96 100
61 143.8 125.8 188.6
98 66.0 52.5 78.7





#13

Acrolein

Concen: 78.669 ug/l

RT: 4.201 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 56 Resp: 14158

Ion Ratio Lower Upper

56 100

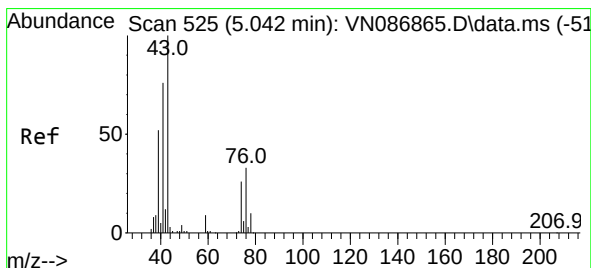
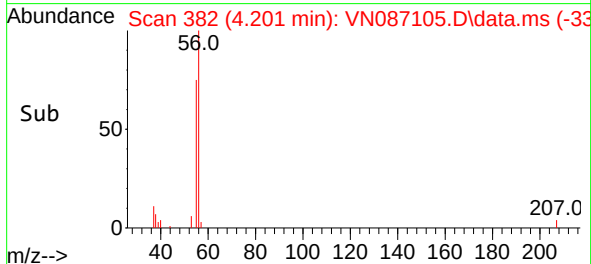
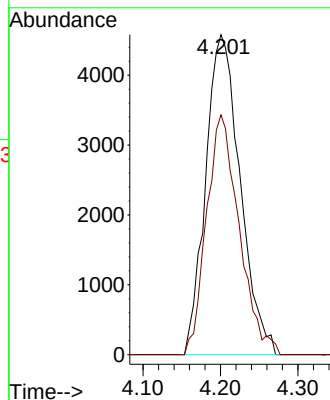
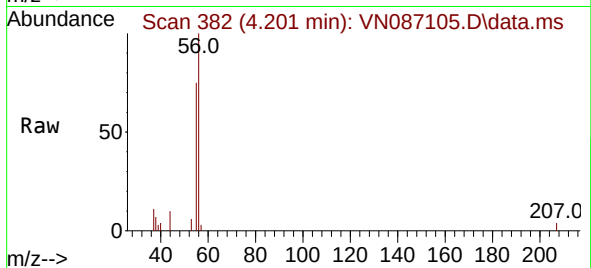
55 71.2 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#14

Allyl chloride

Concen: 17.241 ug/l

RT: 5.053 min Scan# 527

Delta R.T. 0.012 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

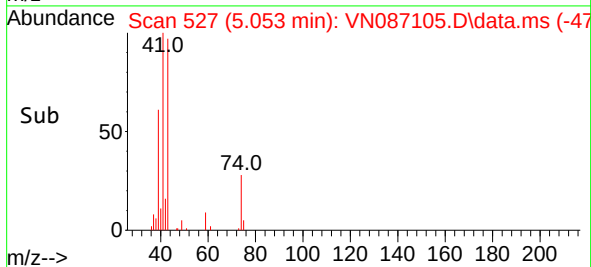
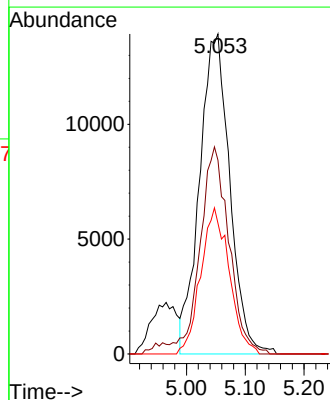
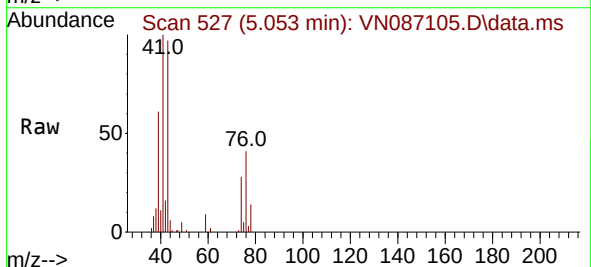
Tgt Ion: 41 Resp: 49808

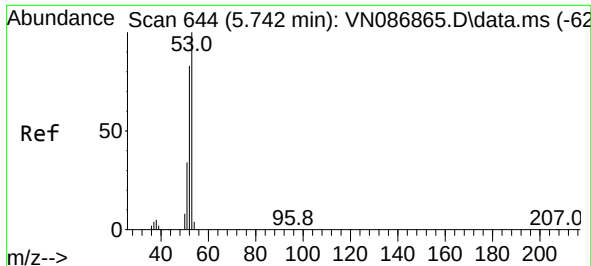
Ion Ratio Lower Upper

41 100

39 63.7 51.3 76.9

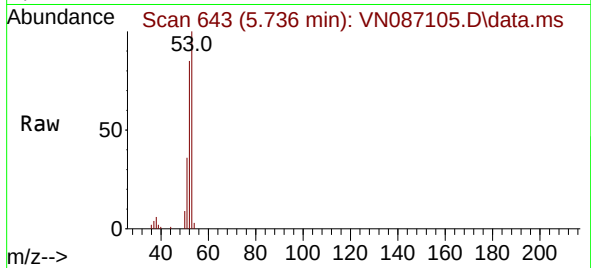
76 43.0 31.4 47.0





#15
Acrylonitrile
Concen: 94.083 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

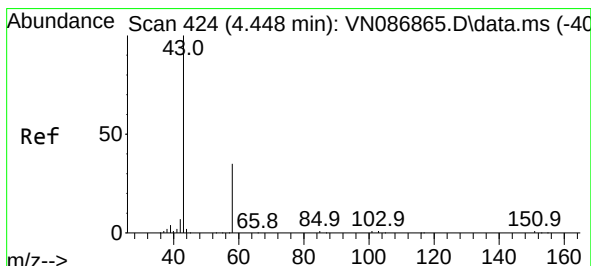
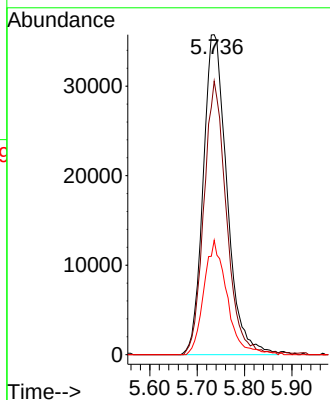
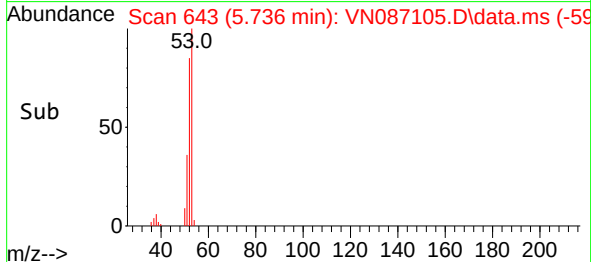
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 53 Resp: 125030
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.6
51 34.7 27.2 40.8

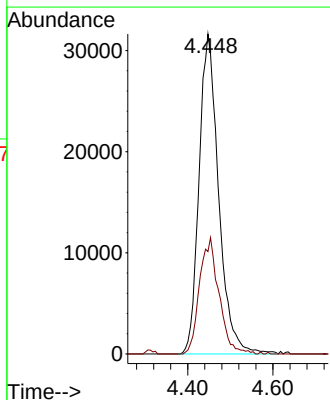
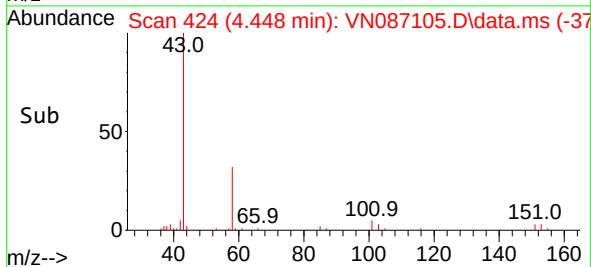
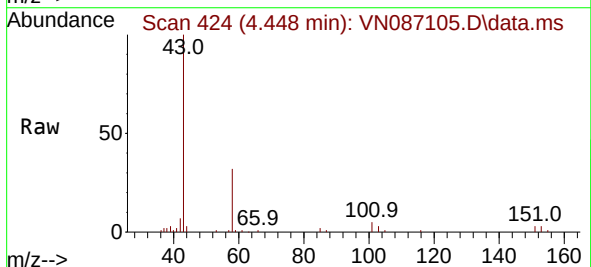
Manual Integrations
APPROVED

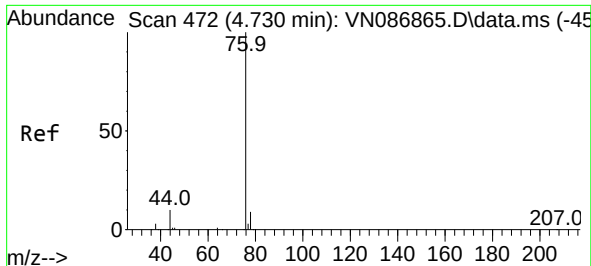
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 90.891 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 43 Resp: 100998
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0





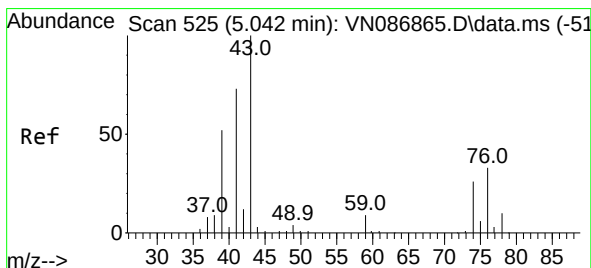
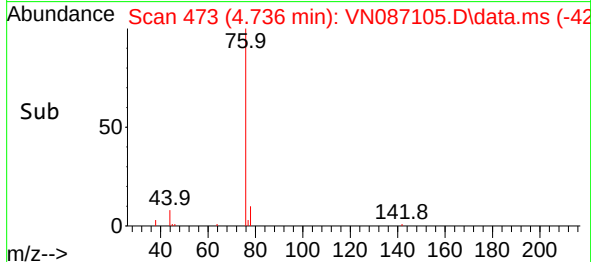
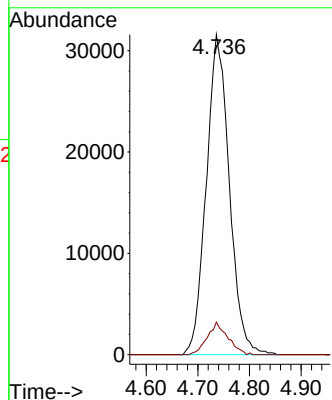
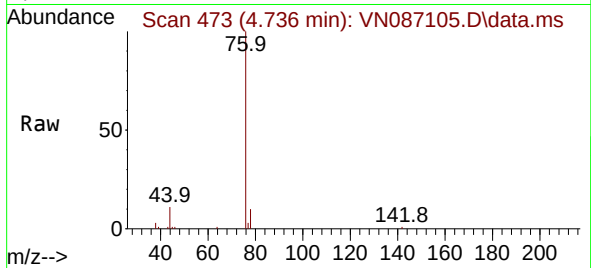
#17
Carbon Disulfide
Concen: 20.319 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 76 Resp: 9790
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9

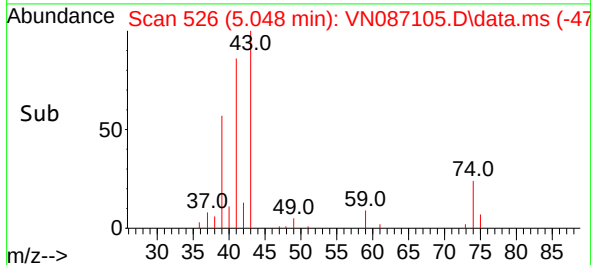
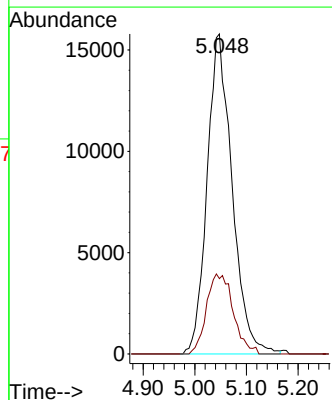
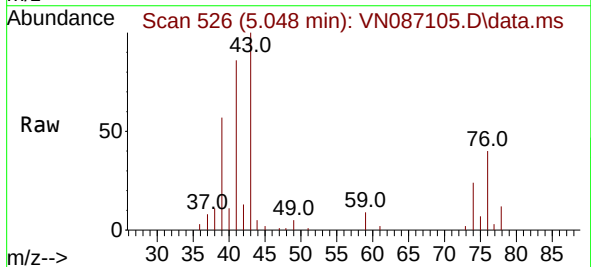
Manual Integrations
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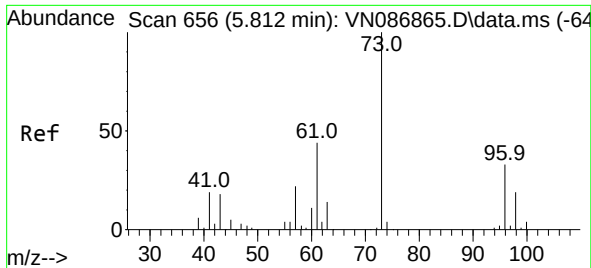
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 16.376 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 43 Resp: 53029
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1





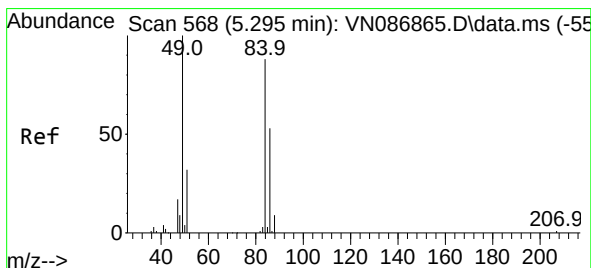
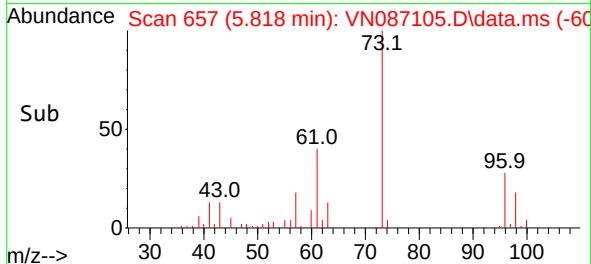
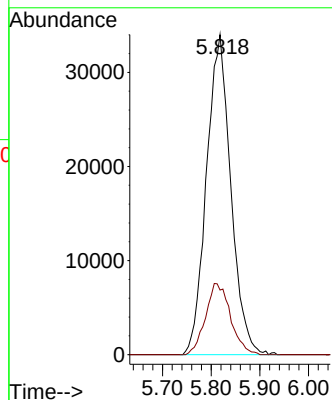
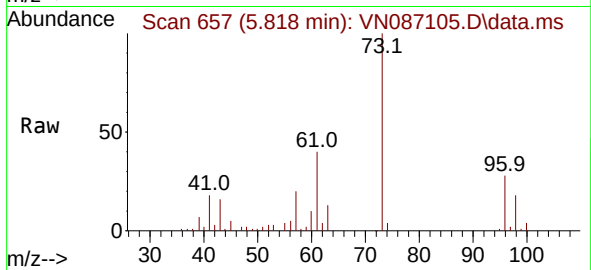
#19
Methyl tert-butyl Ether
Concen: 18.723 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 73 Resp: 11808
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.2

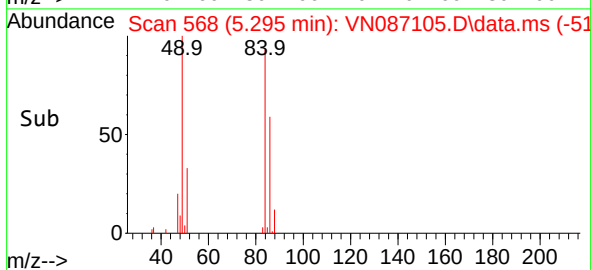
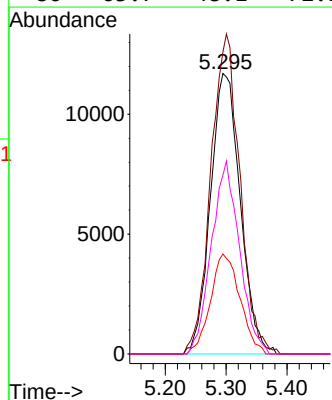
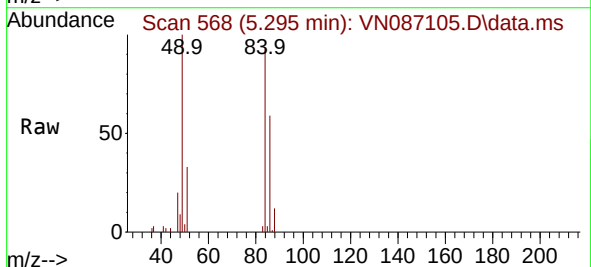
Manual Integrations
APPROVED

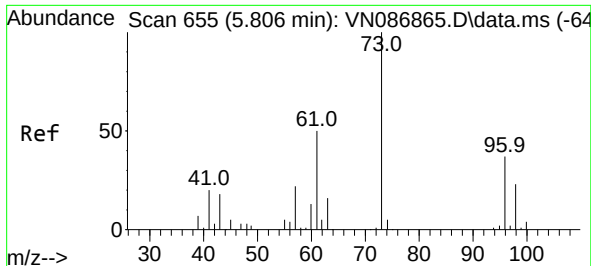
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 19.156 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 84 Resp: 39851
Ion Ratio Lower Upper
84 100
49 107.6 90.5 135.7
51 35.7 28.5 42.7
86 63.7 48.1 72.1





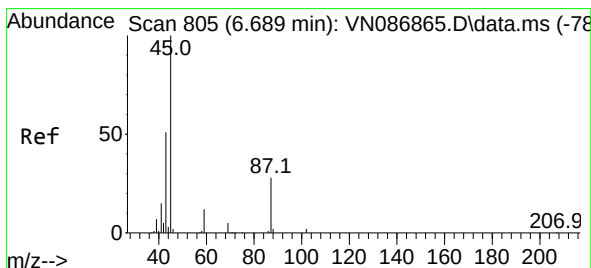
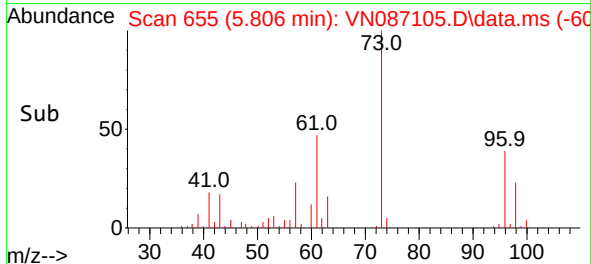
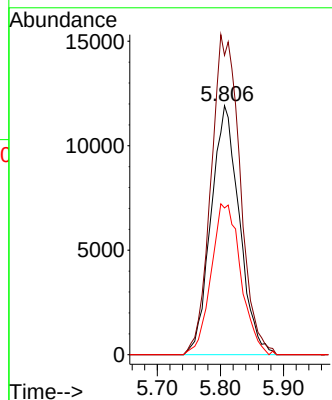
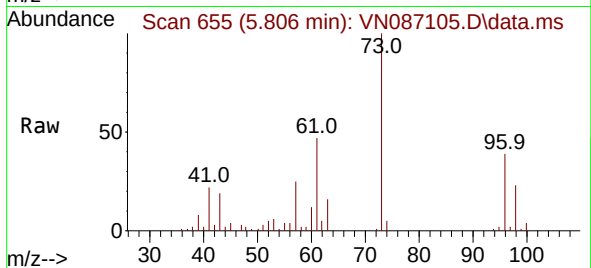
#21
trans-1,2-Dichloroethene
Concen: 19.165 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 96 Resp: 3714
Ion Ratio Lower Upper
96 100
61 120.2 109.2 163.8
98 59.0 49.8 74.8

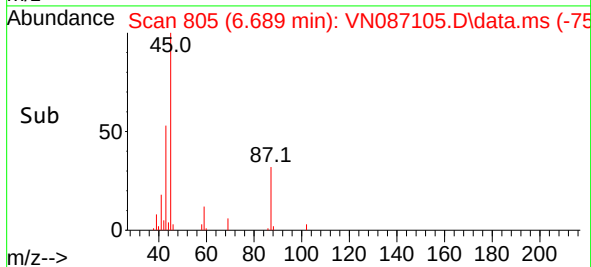
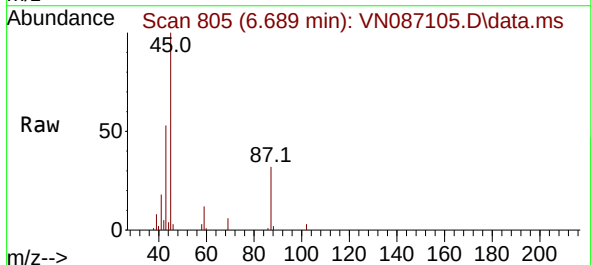
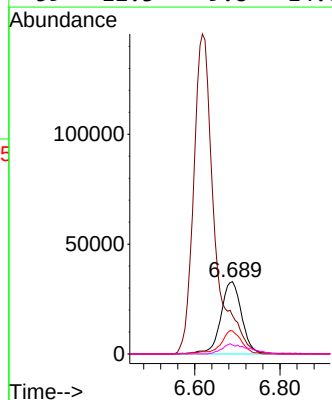
Manual Integrations
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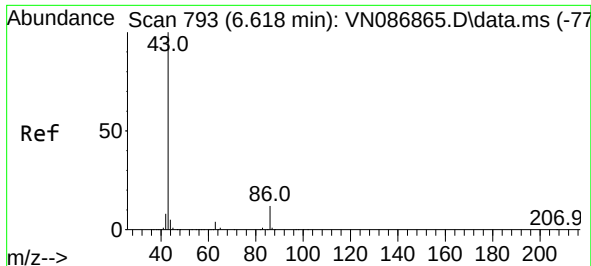
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 18.313 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 45 Resp: 111516
Ion Ratio Lower Upper
45 100
43 52.1 41.9 62.9
87 31.7 22.4 33.6
59 12.3 9.8 14.6





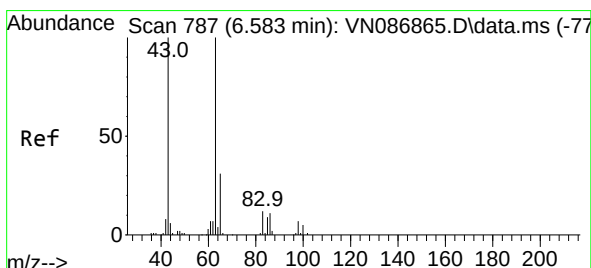
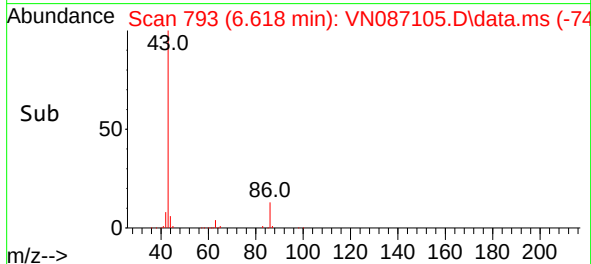
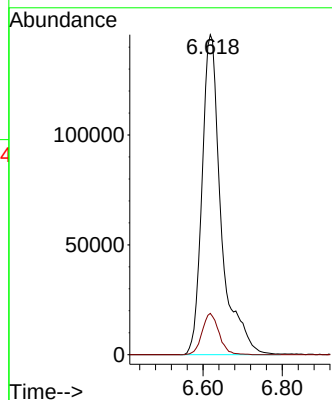
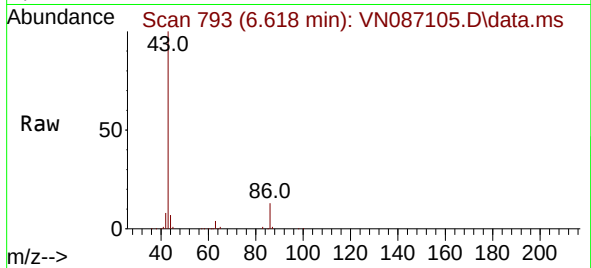
#23
 Vinyl Acetate
 Concen: 94.837 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087105.D
 Acq: 19 Jun 2025 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Tgt Ion: 43 Resp: 487932
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.5 14.3

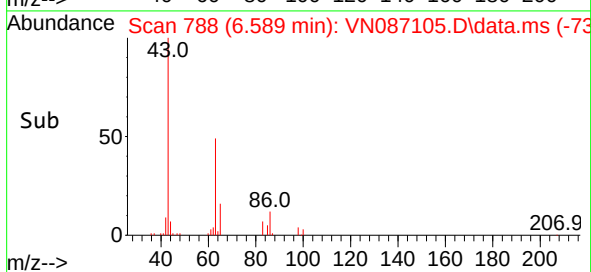
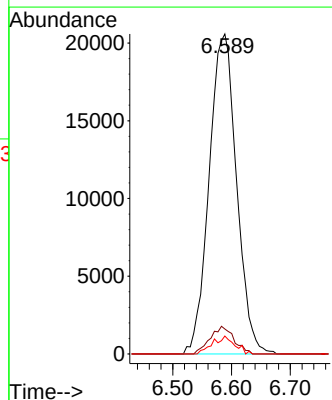
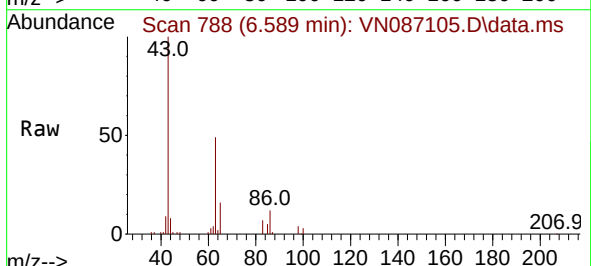
Manual Integrations
 APPROVED

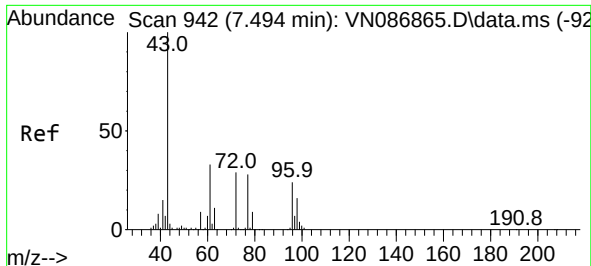
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 19.058 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087105.D
 Acq: 19 Jun 2025 12:56

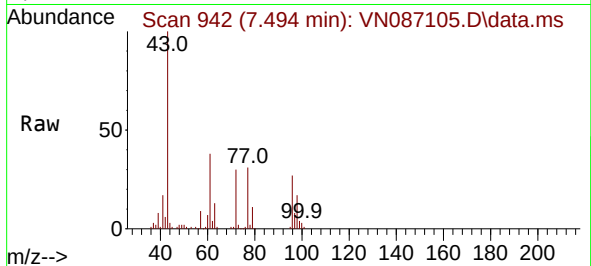
Tgt Ion: 63 Resp: 66786
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 5.6 2.6 7.8





#25
2-Butanone
Concen: 86.395 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

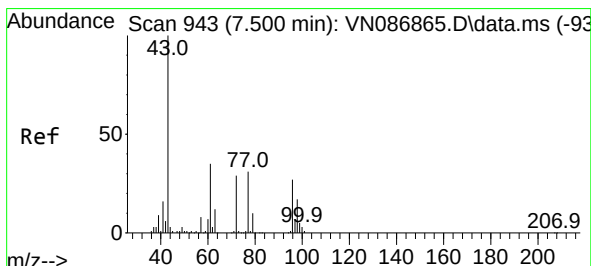
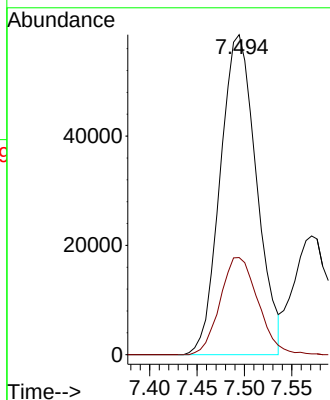
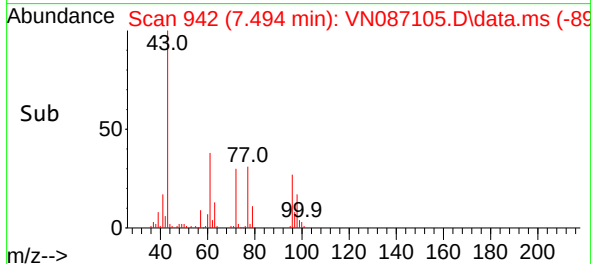
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



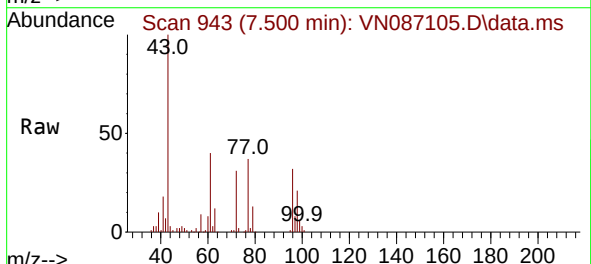
Tgt Ion: 43 Resp: 156048
Ion Ratio Lower Upper
43 100
72 30.5 23.0 34.6

Manual Integrations
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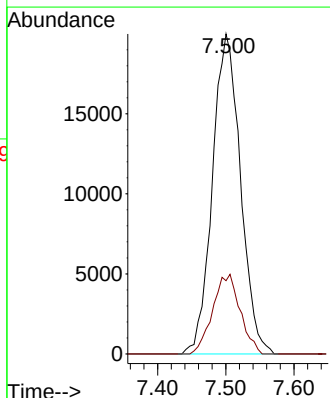
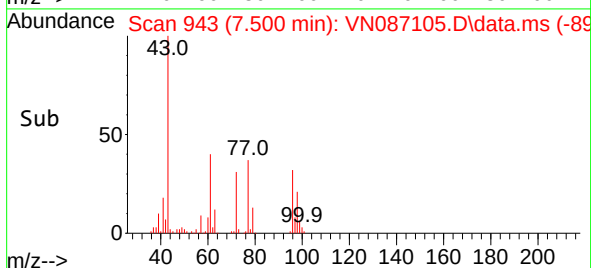
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

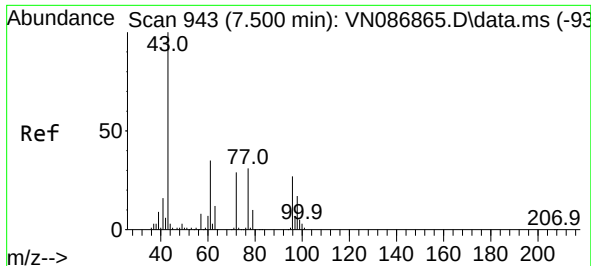


#26
2,2-Dichloropropane
Concen: 20.990 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



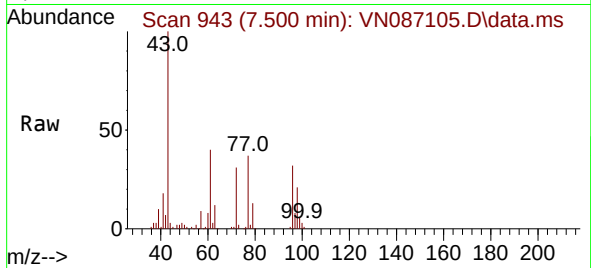
Tgt Ion: 77 Resp: 57217
Ion Ratio Lower Upper
77 100
97 24.4 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.306 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087105.D
 Acq: 19 Jun 2025 12:56

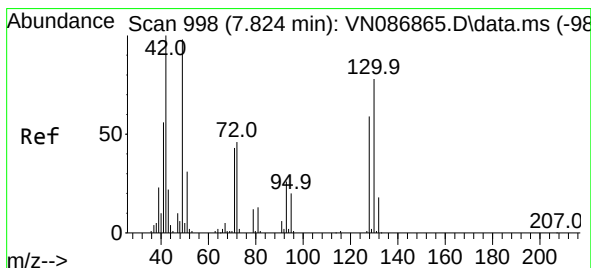
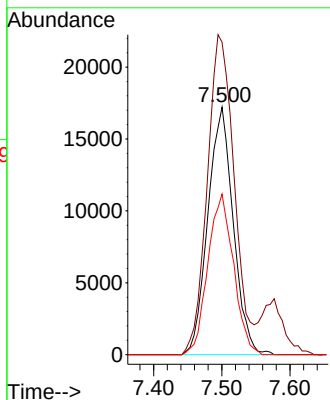
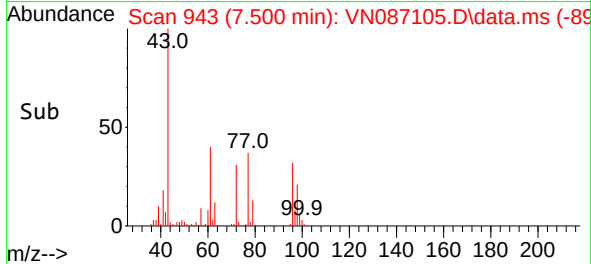
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01



Tgt Ion: 96 Resp: 4474
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 278.0
 98 65.4 0.0 128.2

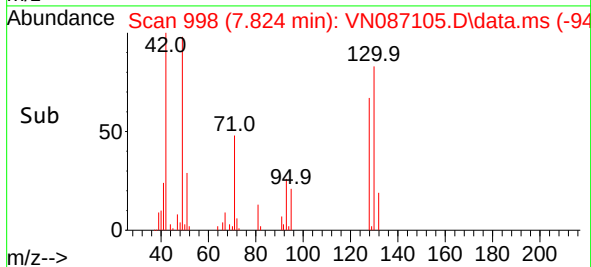
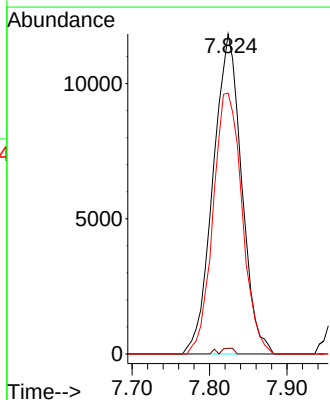
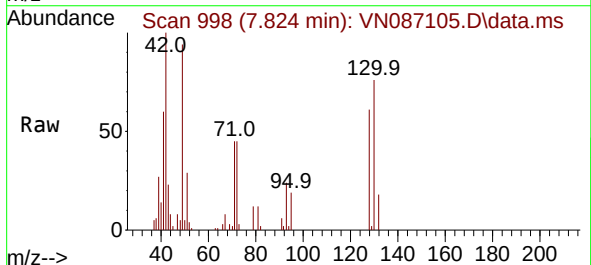
Manual Integrations
 APPROVED

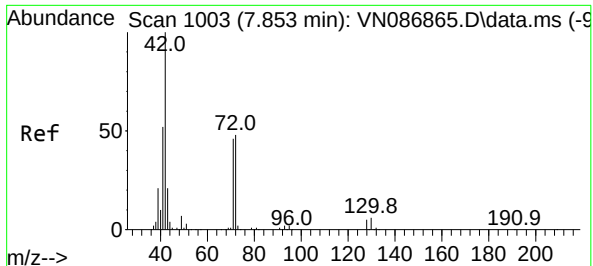
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#28
 Bromochloromethane
 Concen: 17.580 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087105.D
 Acq: 19 Jun 2025 12:56

Tgt Ion: 49 Resp: 30290
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.8
 130 82.9 62.2 93.2





#29

Tetrahydrofuran

Concen: 88.349 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

Instrument :

MSVOA_N

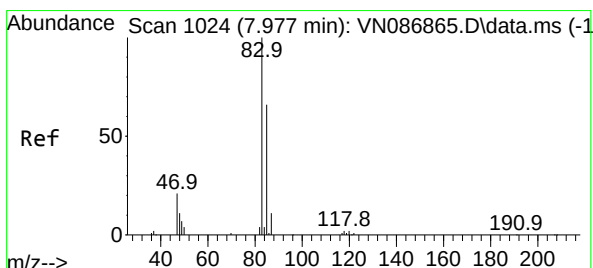
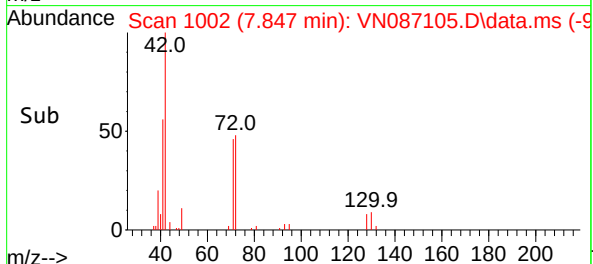
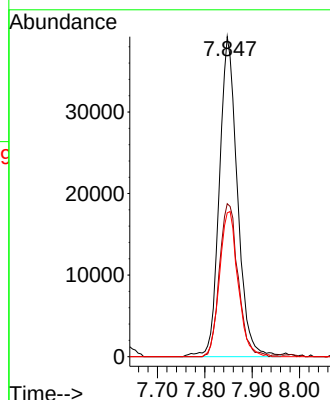
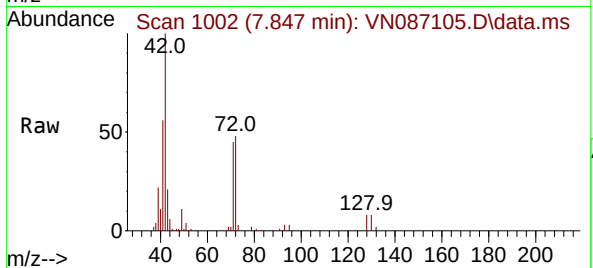
ClientSampleId :

VN0619WBSD01

Tgt Ion:	42	Resp:	103954
Ion Ratio	Lower	Upper	
42	100		
72	49.4	37.8	56.6
71	46.4	35.6	53.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#30

Chloroform

Concen: 19.589 ug/l

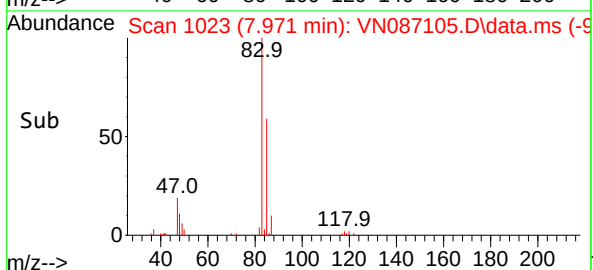
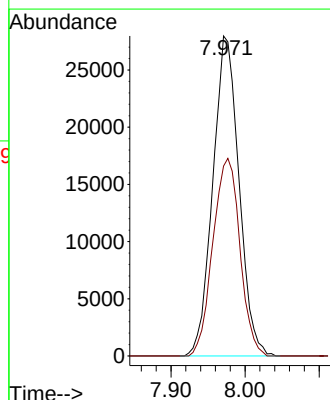
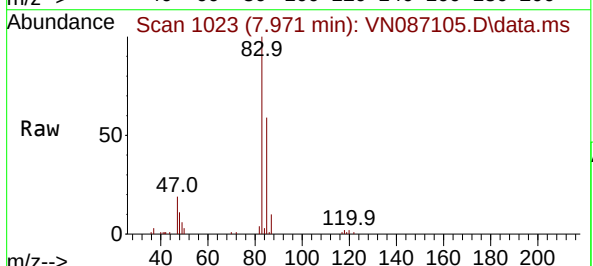
RT: 7.971 min Scan# 1023

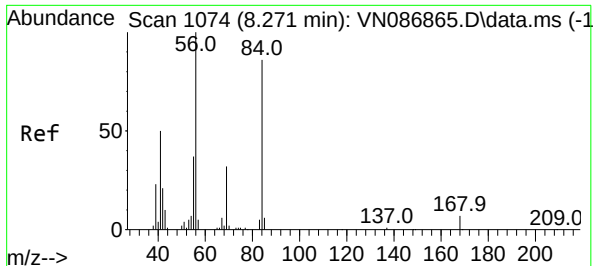
Delta R.T. -0.006 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

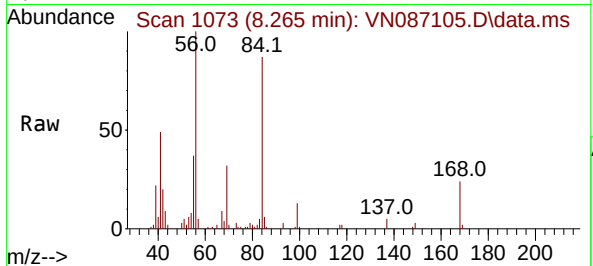
Tgt Ion:	83	Resp:	68555
Ion Ratio	Lower	Upper	
83	100		
85	59.3	52.9	79.3





#31
Cyclohexane
Concen: 17.610 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

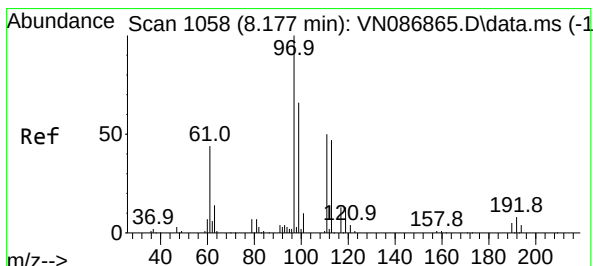
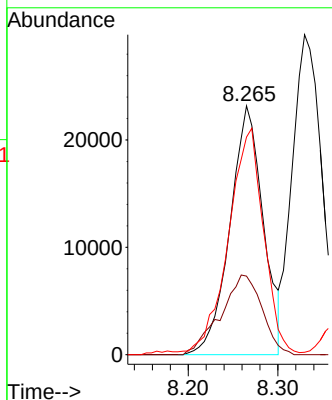
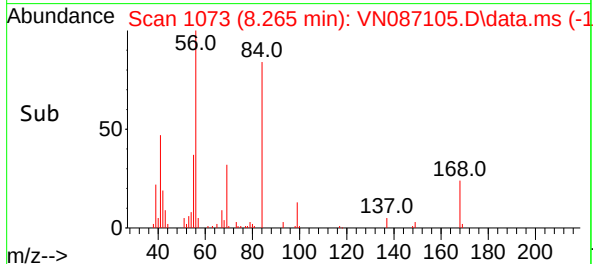
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 56 Resp: 5984
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 86.3 68.8 103.2

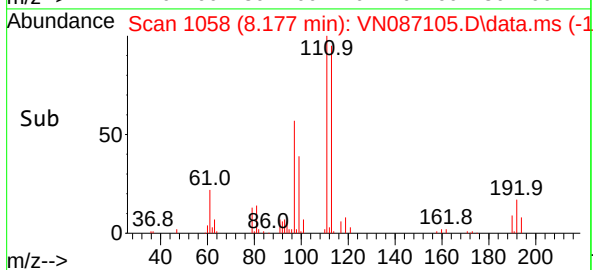
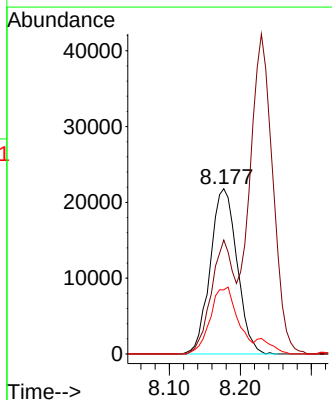
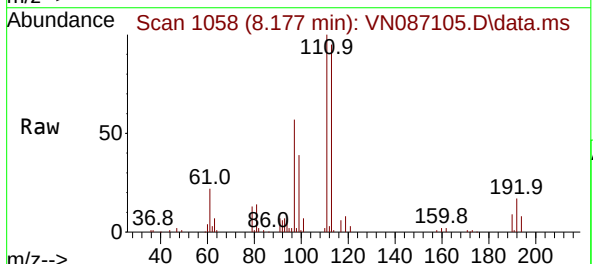
Manual Integrations
APPROVED

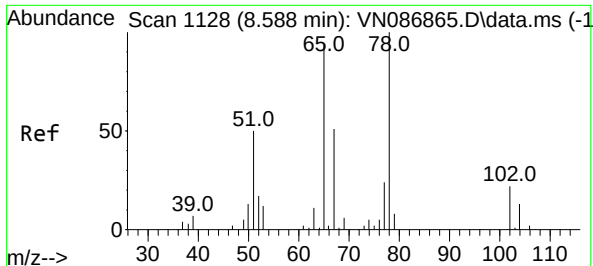
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 19.152 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 97 Resp: 57008
Ion Ratio Lower Upper
97 100
99 57.8 52.0 78.0
61 41.7 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 49.784 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 65 Resp: 10431

Ion Ratio Lower Upper

65 100

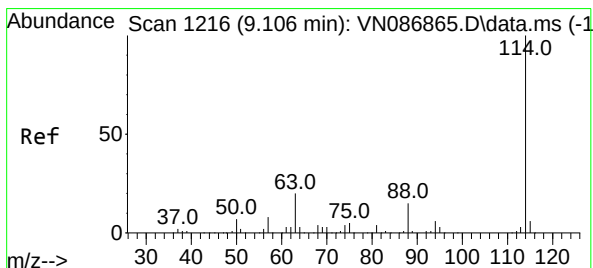
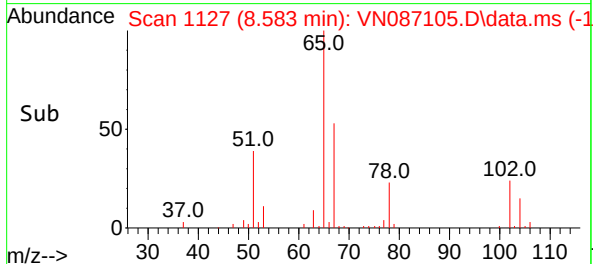
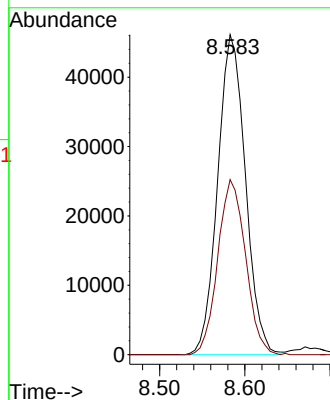
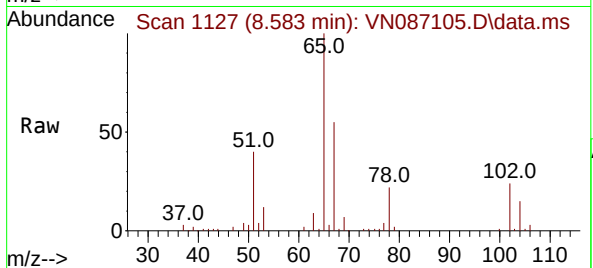
67 54.8 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

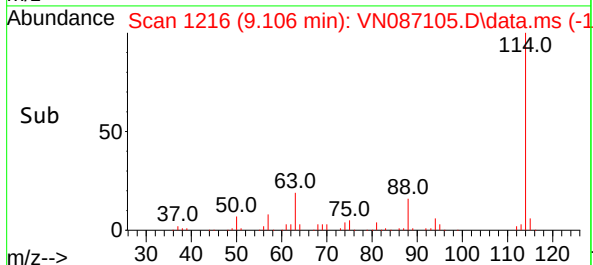
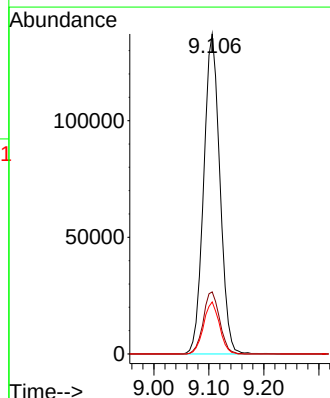
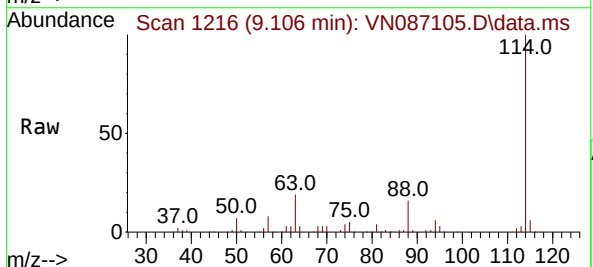
Tgt Ion:114 Resp: 280398

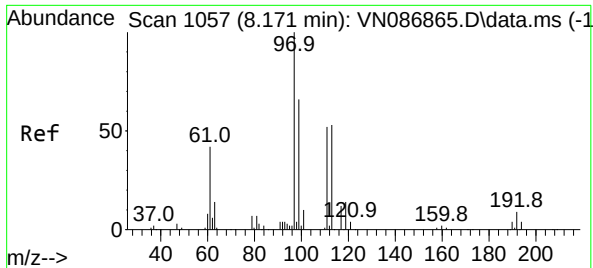
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

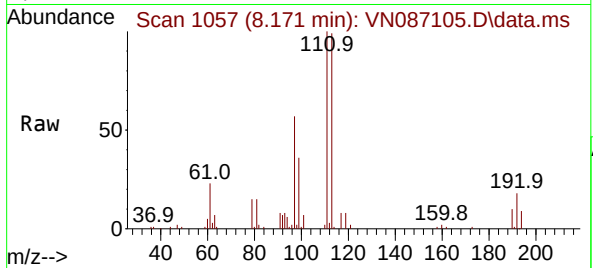
88 16.2 0.0 30.2





#35
Dibromofluoromethane
Concen: 54.073 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

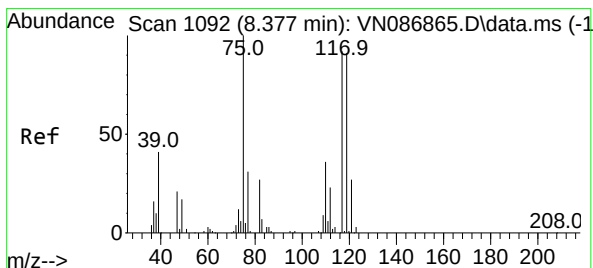
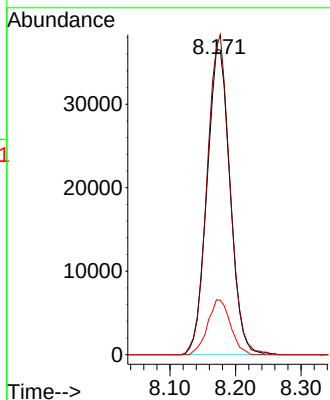
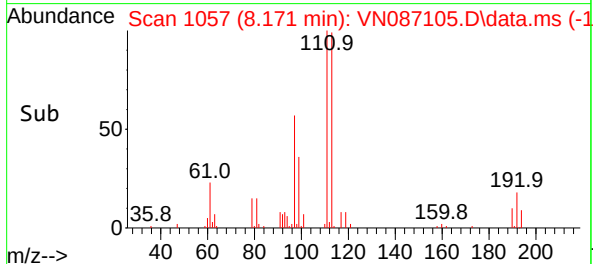
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



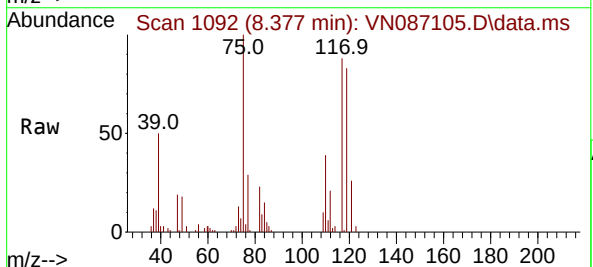
Tgt Ion: 113 Resp: 89854
Ion Ratio Lower Upper
113 100
111 102.6 84.2 126.2
192 17.6 14.2 21.4

Manual Integrations
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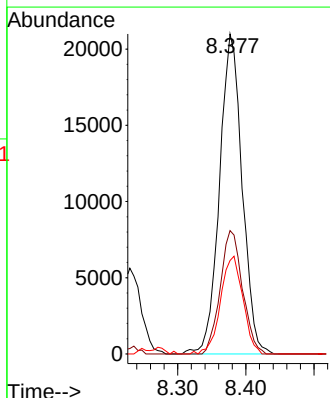
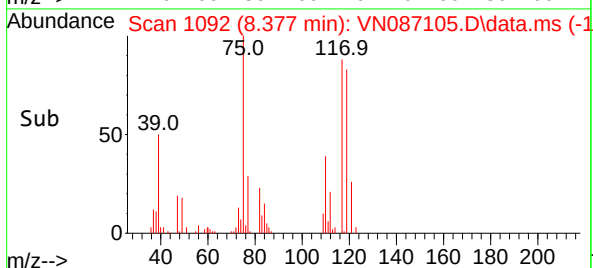
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

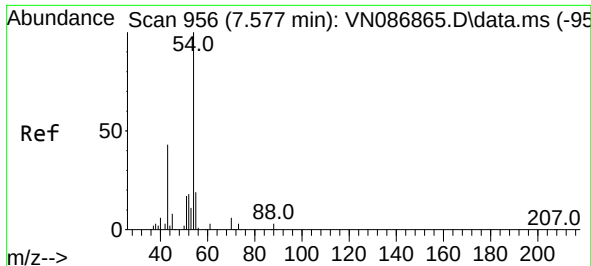


#36
1,1-Dichloropropene
Concen: 19.602 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



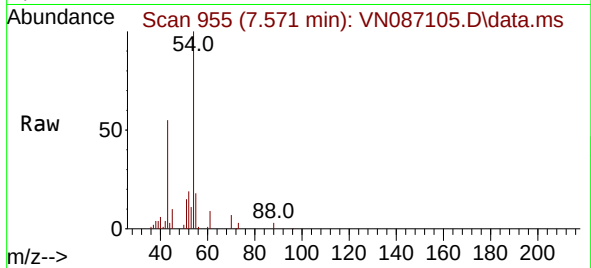
Tgt Ion: 75 Resp: 48536
Ion Ratio Lower Upper
75 100
110 37.9 17.6 52.9
77 30.1 25.3 37.9





#37
Ethyl Acetate
Concen: 19.209 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

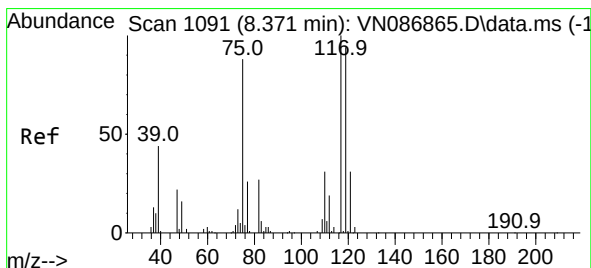
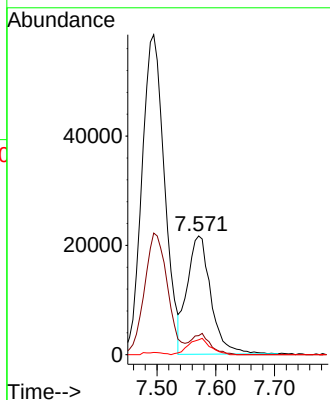
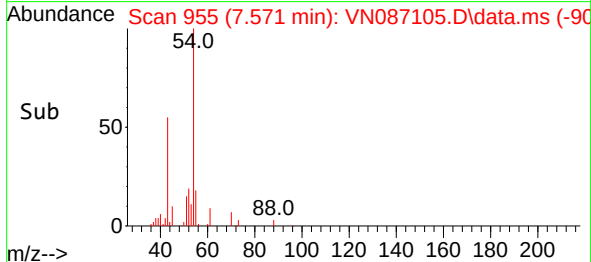
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 43 Resp: 6054
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 12.6 9.8 14.6

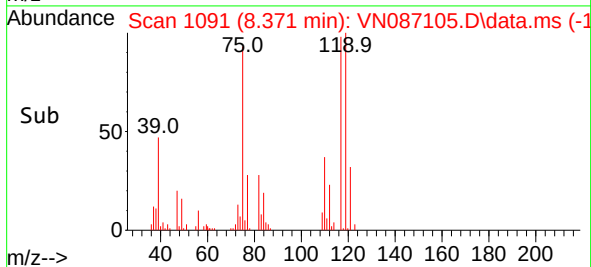
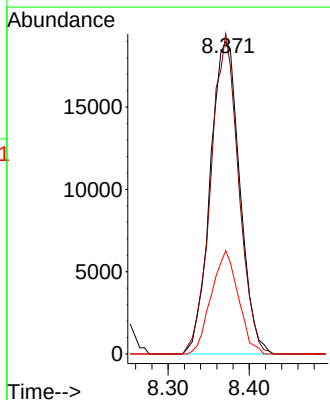
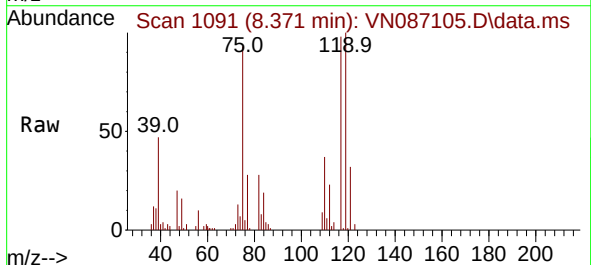
Manual Integrations
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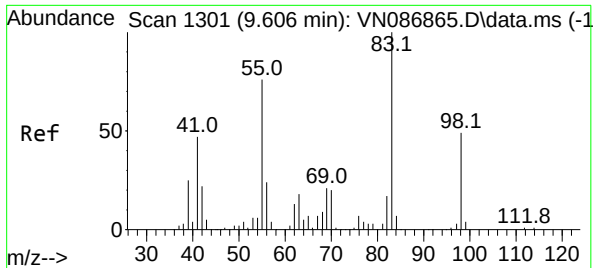
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 19.746 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

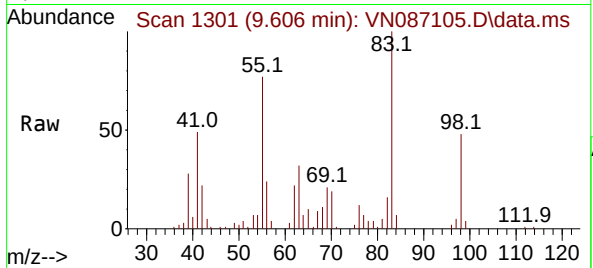
Tgt Ion:117 Resp: 48001
Ion Ratio Lower Upper
117 100
119 102.5 75.0 112.6
121 33.1 24.9 37.3





#39
Methylcyclohexane
Concen: 16.497 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

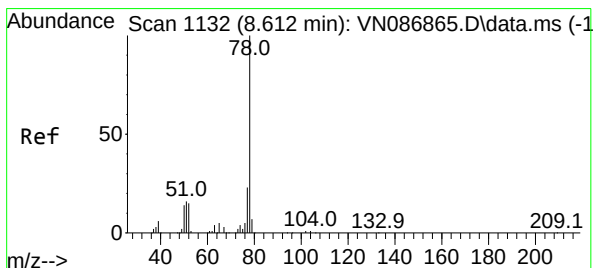
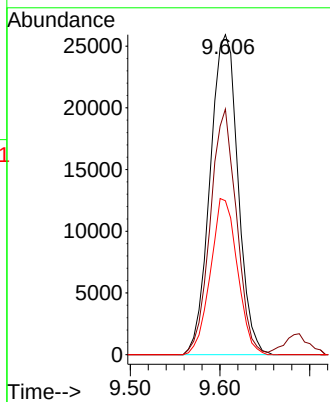
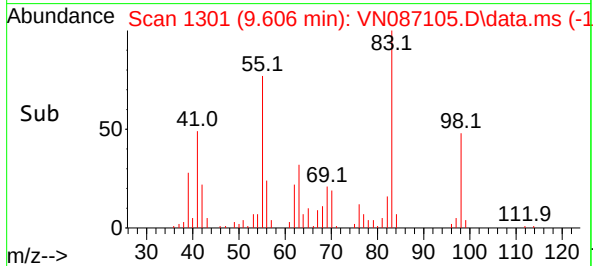
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



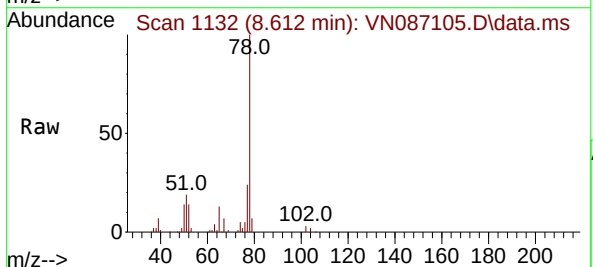
Tgt Ion: 83 Resp: 5596
Ion Ratio Lower Upper
83 100
55 76.7 61.0 91.6
98 48.1 38.9 58.3

Manual Integrations
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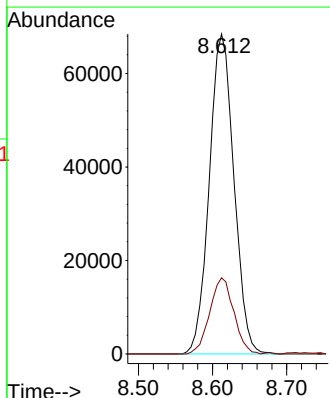
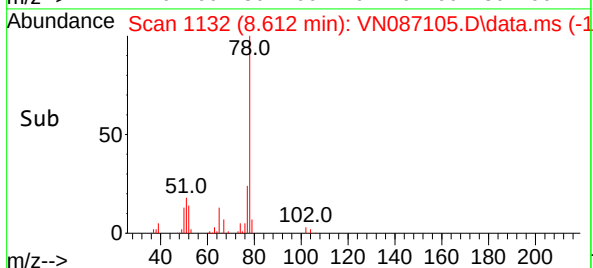
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

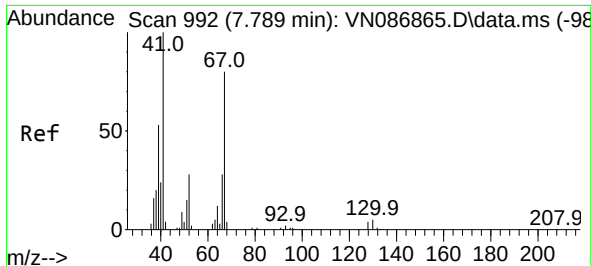


#40
Benzene
Concen: 19.516 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



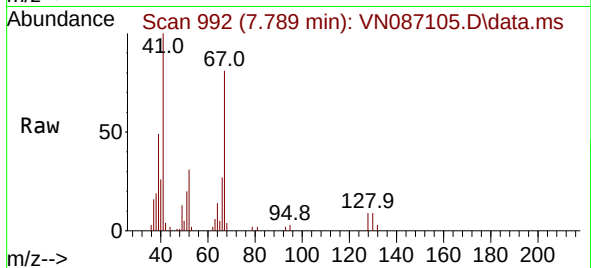
Tgt Ion: 78 Resp: 158023
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1





#41
Methacrylonitrile
Concen: 18.529 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

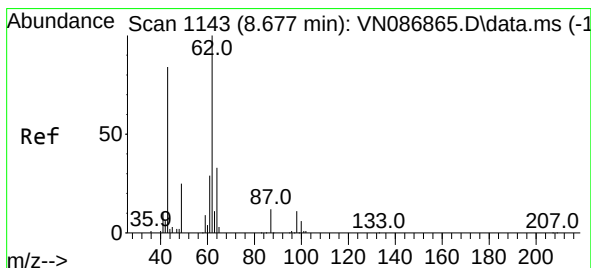
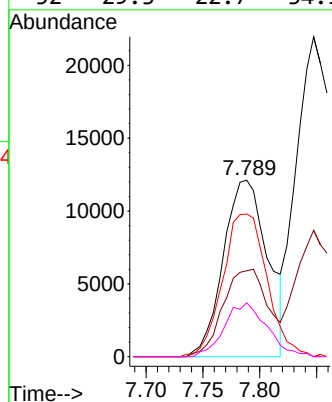
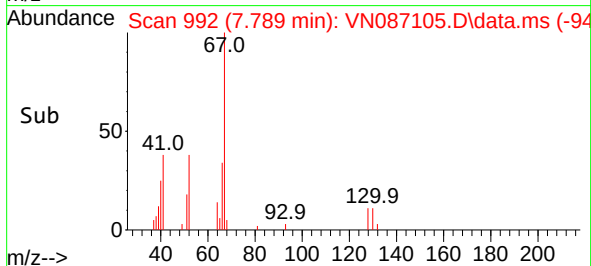
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion:	41	Resp:	3280
Ion Ratio	100	Lower	Upper
39	50.4	41.2	61.8
67	80.8	61.4	92.2
52	29.3	22.7	34.1

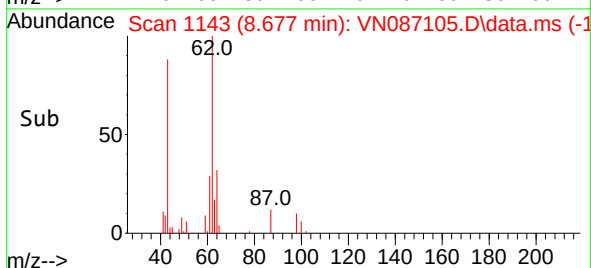
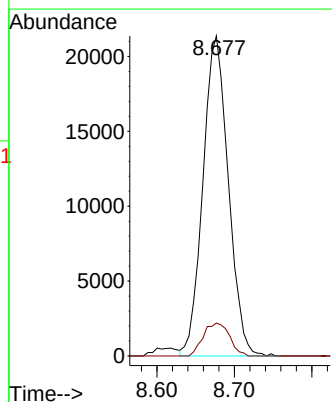
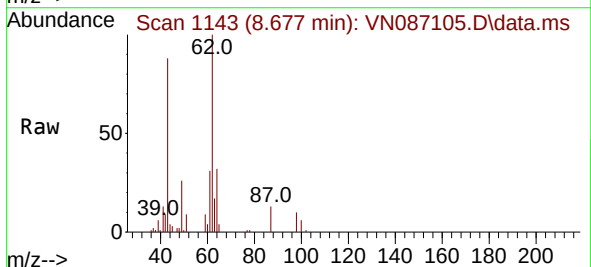
Manual Integrations
APPROVED

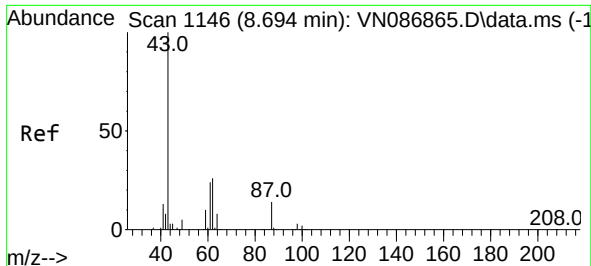
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 19.804 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

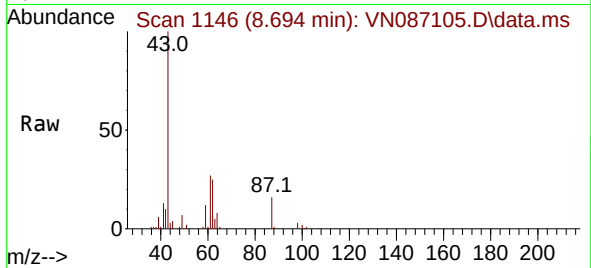
Tgt Ion:	62	Resp:	48636
Ion Ratio	100	Lower	Upper
98	10.6	0.0	21.2





#43
Isopropyl Acetate
Concen: 18.042 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

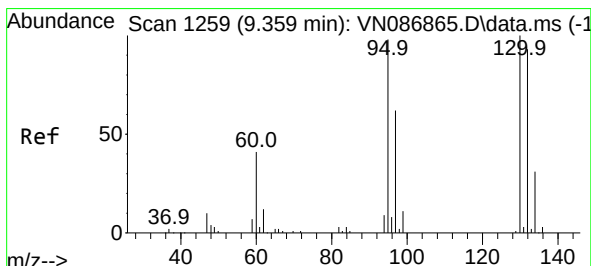
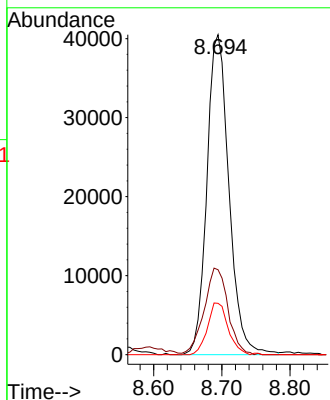
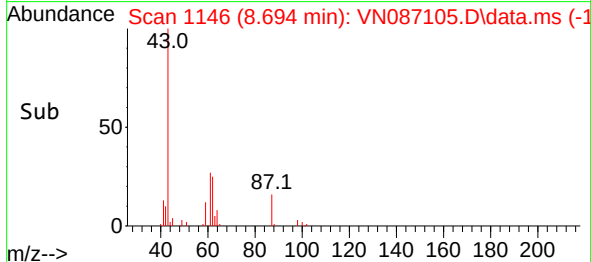
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



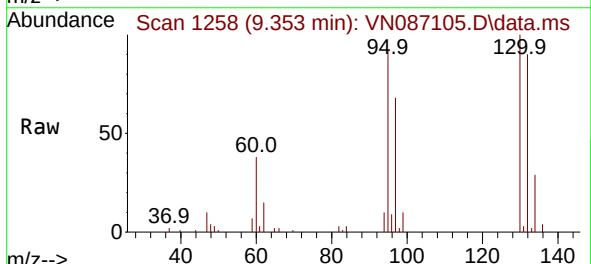
Tgt Ion: 43 Resp: 91270
Ion Ratio Lower Upper
43 100
61 29.2 22.1 33.1
87 15.1 11.8 17.6

Manual Integrations
APPROVED

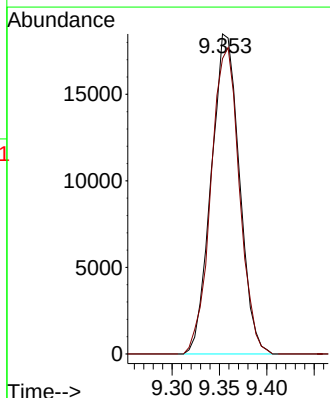
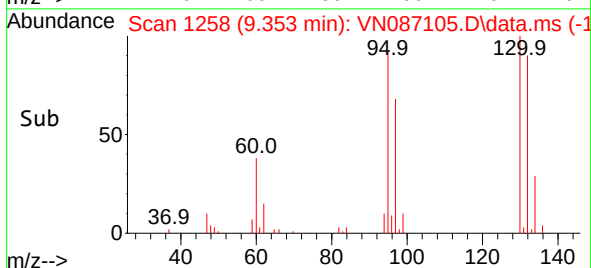
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

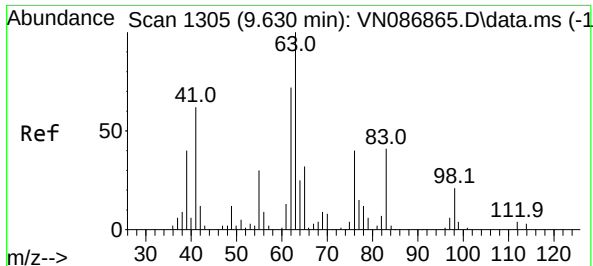


#44
Trichloroethene
Concen: 19.915 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



Tgt Ion:130 Resp: 38235
Ion Ratio Lower Upper
130 100
95 92.3 0.0 196.2





#45

1,2-Dichloropropane

Concen: 19.793 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 63 Resp: 3898

Ion Ratio Lower Upper

63 100

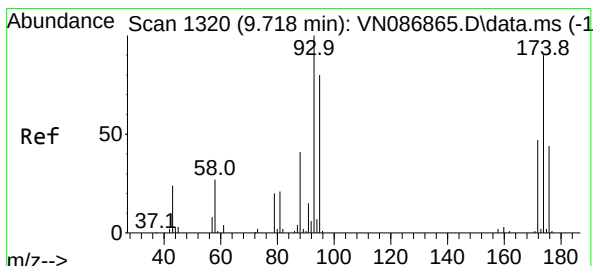
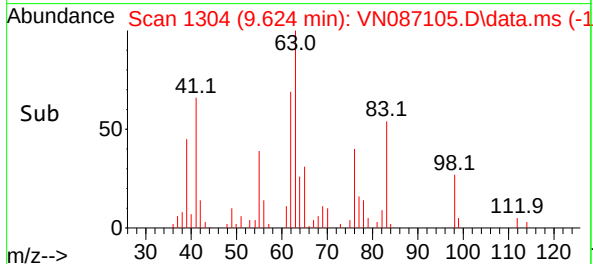
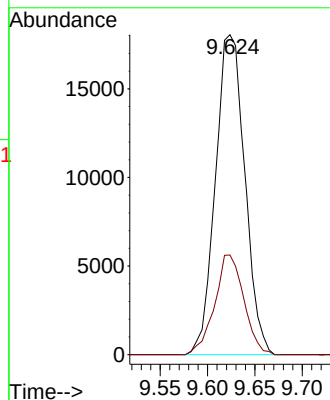
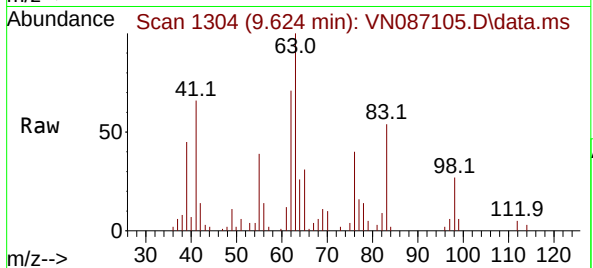
65 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 20.361 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

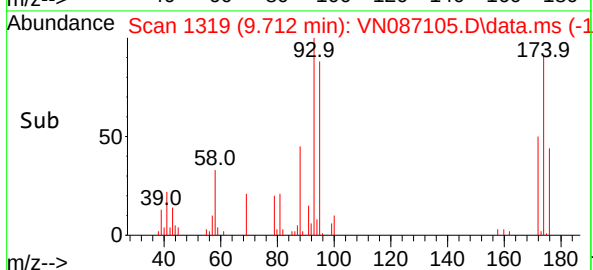
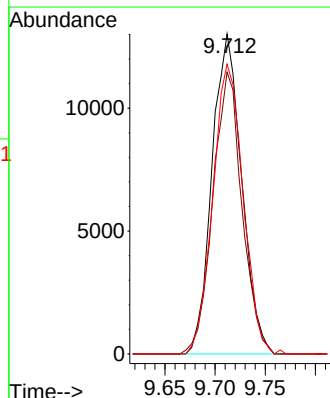
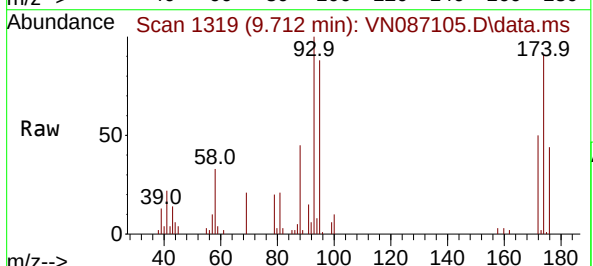
Tgt Ion: 93 Resp: 26641

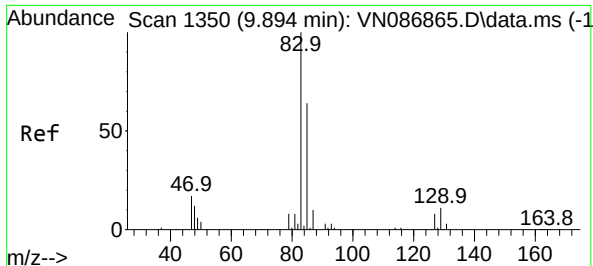
Ion Ratio Lower Upper

93 100

95 86.8 67.1 100.7

174 92.5 74.2 111.4





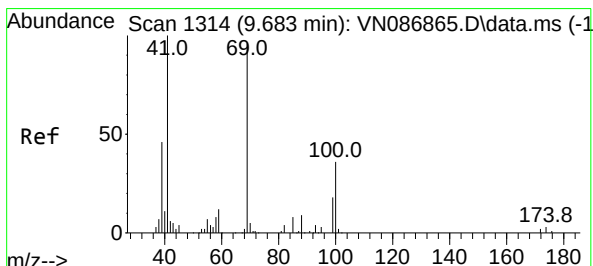
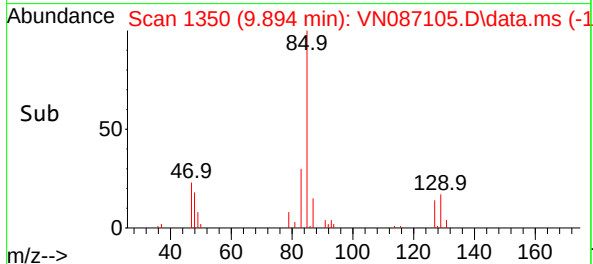
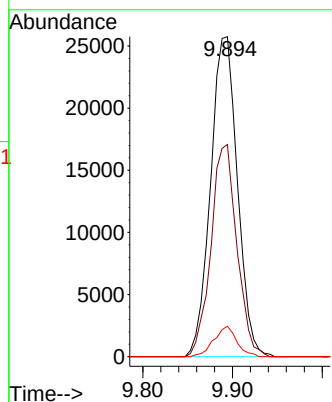
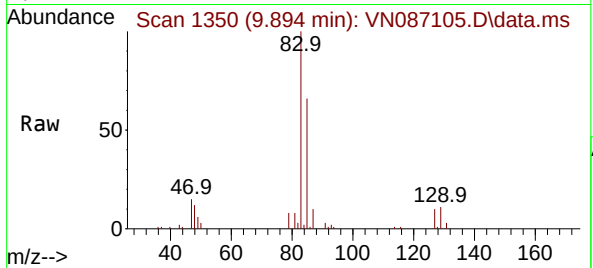
#47
Bromodichloromethane
Concen: 19.886 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 83 Resp: 5353
Ion Ratio Lower Upper
83 100
85 66.3 50.9 76.3
127 9.5 6.6 10.0

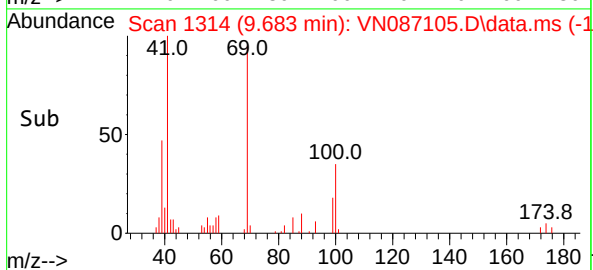
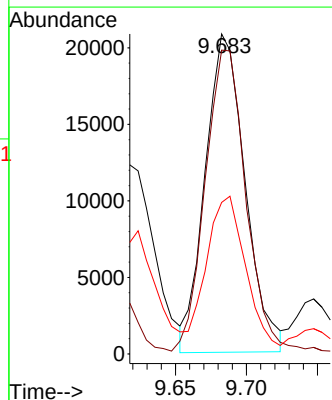
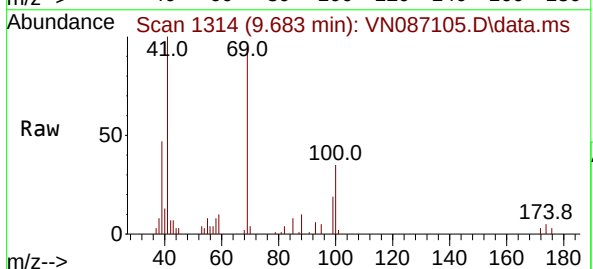
Manual Integrations
APPROVED

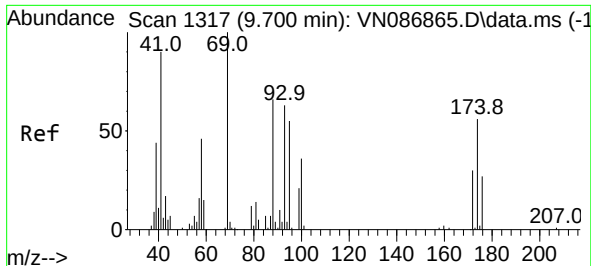
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#48
Methyl methacrylate
Concen: 17.462 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 41 Resp: 40660
Ion Ratio Lower Upper
41 100
69 97.1 74.6 112.0
39 49.7 40.2 60.4





#49

1,4-Dioxane

Concen: 403.129 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

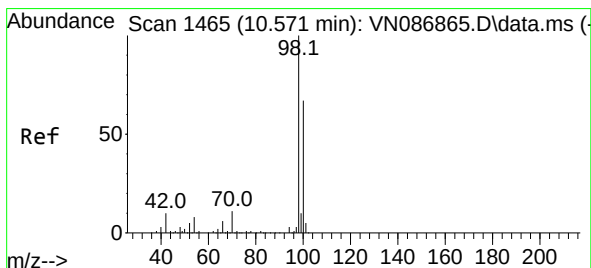
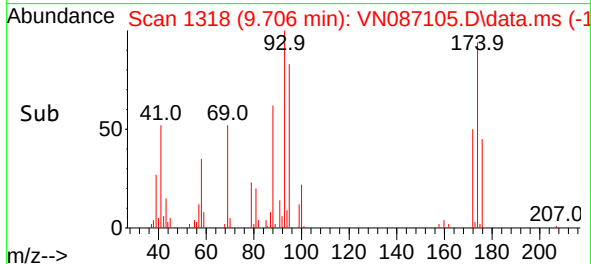
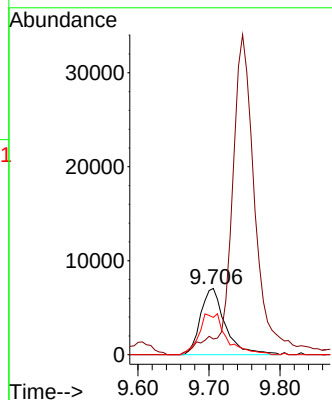
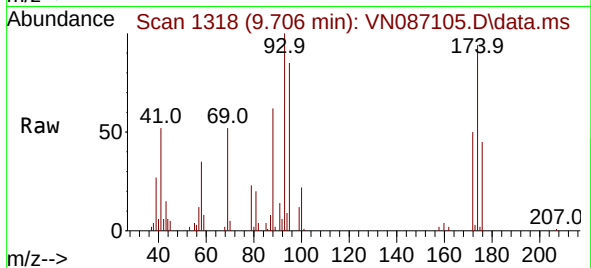
Tgt Ion: 88 Resp: 1707
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 67.8 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#50

Toluene-d8

Concen: 50.136 ug/l

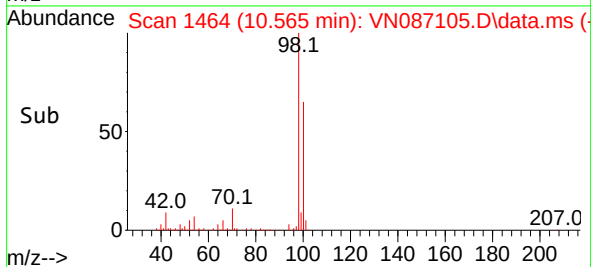
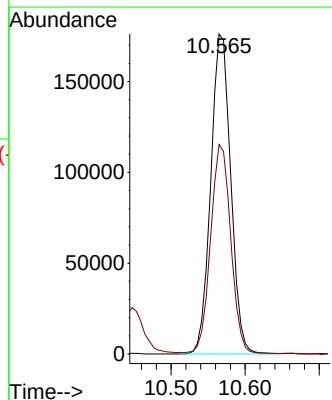
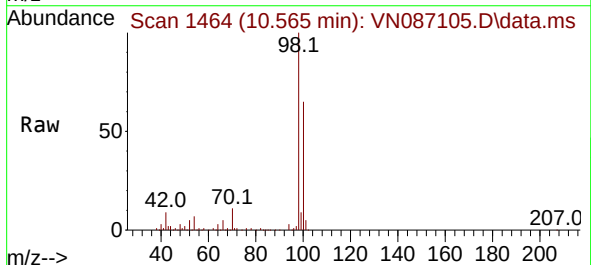
RT: 10.565 min Scan# 1464

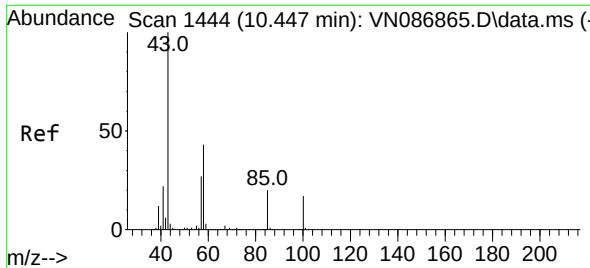
Delta R.T. -0.006 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

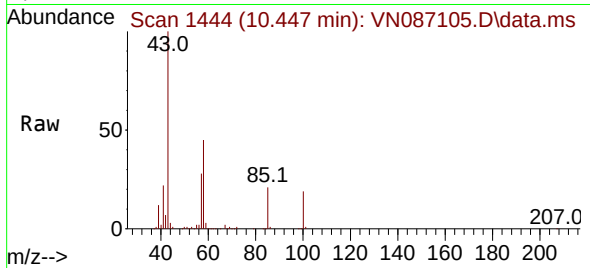
Tgt Ion: 98 Resp: 329809
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 92.719 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

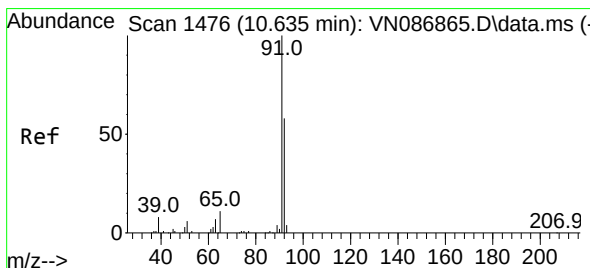
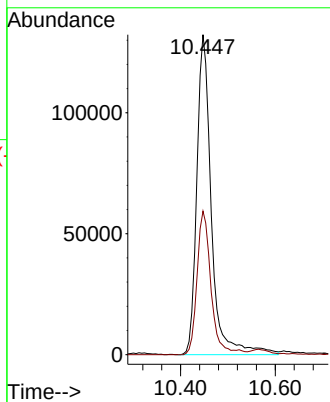
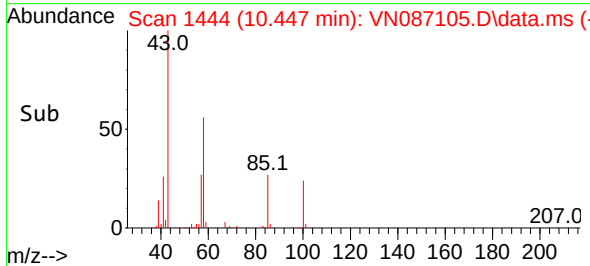
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



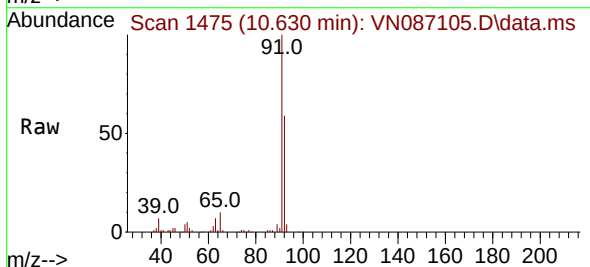
Tgt Ion: 43 Resp: 28238
Ion Ratio Lower Upper
43 100
58 42.4 34.2 51.4

Manual Integrations
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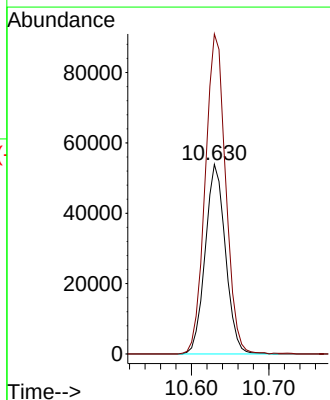
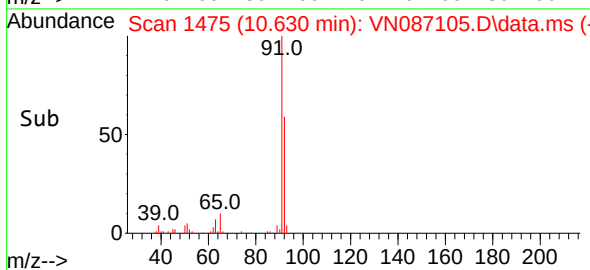
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

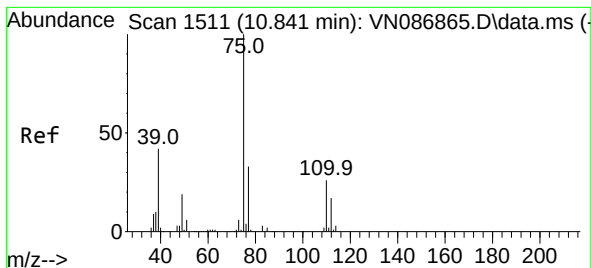


#52
Toluene
Concen: 19.720 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



Tgt Ion: 92 Resp: 97582
Ion Ratio Lower Upper
92 100
91 170.8 136.5 204.7





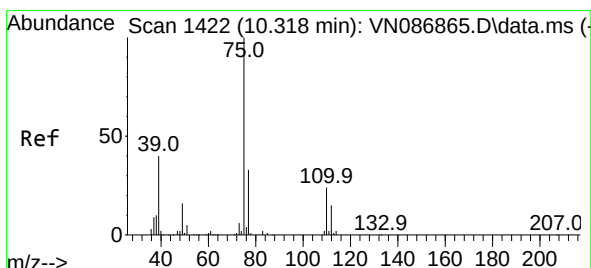
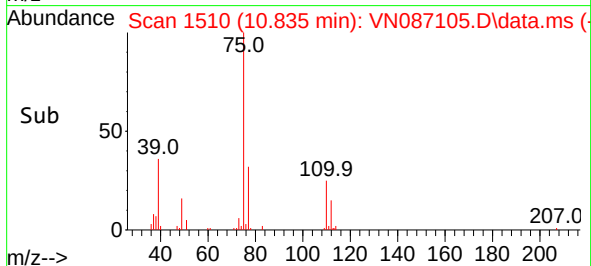
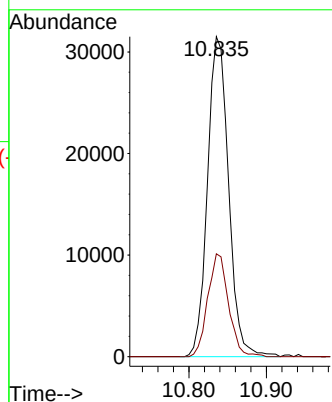
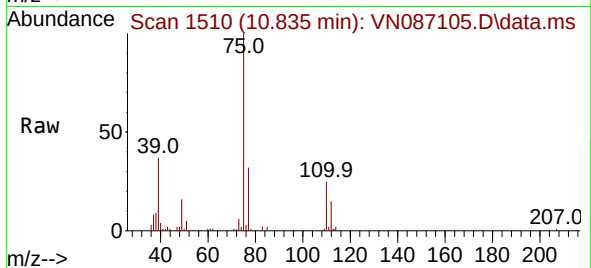
#53
t-1,3-Dichloropropene
Concen: 19.796 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 75 Resp: 59590
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6

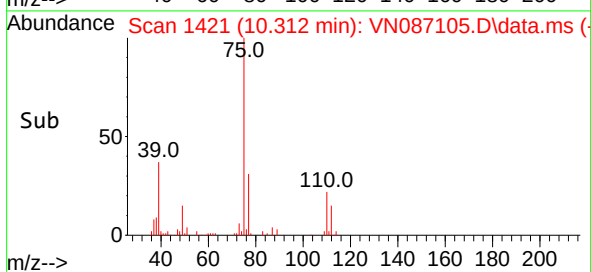
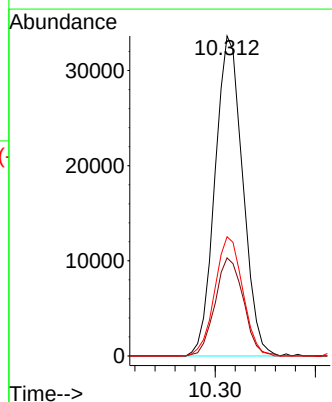
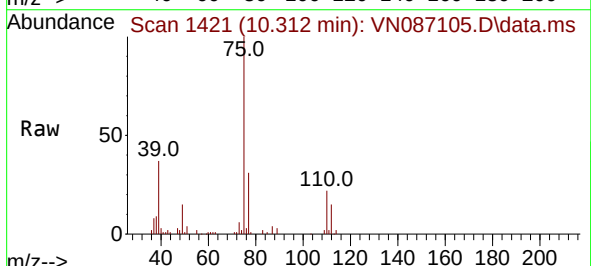
Manual Integrations
APPROVED

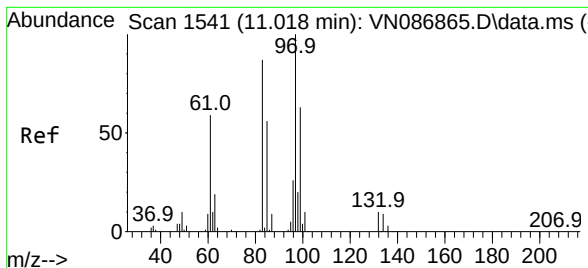
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#54
cis-1,3-Dichloropropene
Concen: 20.050 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

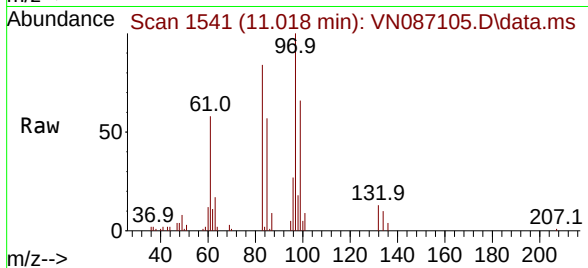
Tgt Ion: 75 Resp: 64579
Ion Ratio Lower Upper
75 100
77 30.6 26.2 39.4
39 37.3 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 20.273 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

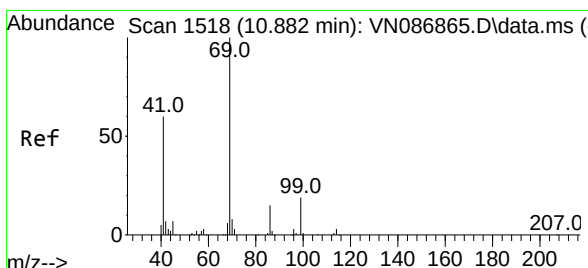
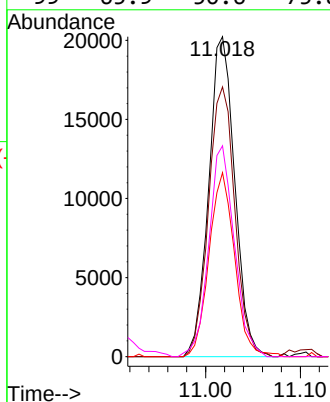
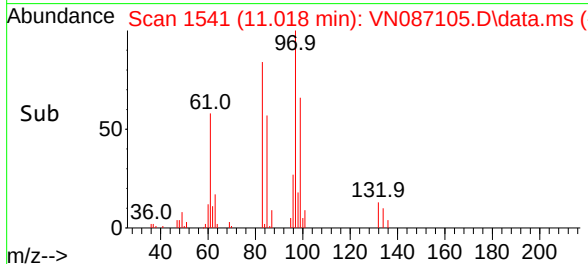
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.7	104.5
85	57.5	45.1	67.7
99	65.9	50.6	75.8

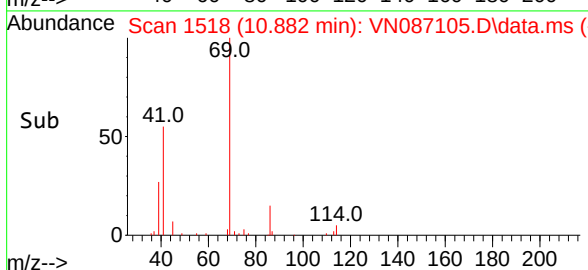
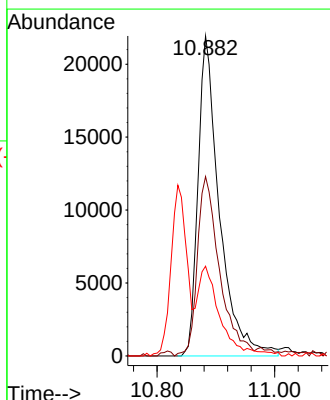
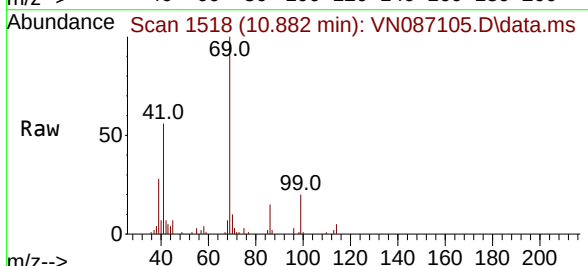
Manual Integrations
APPROVED

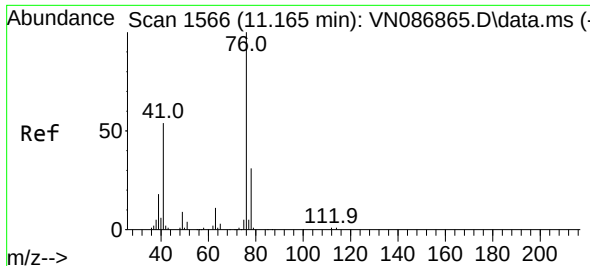
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#56
Ethyl methacrylate
Concen: 18.254 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.2	70.8
39	27.9	23.0	34.6





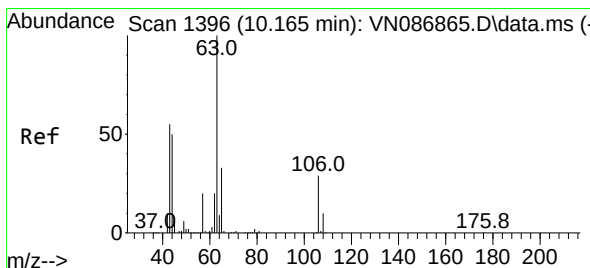
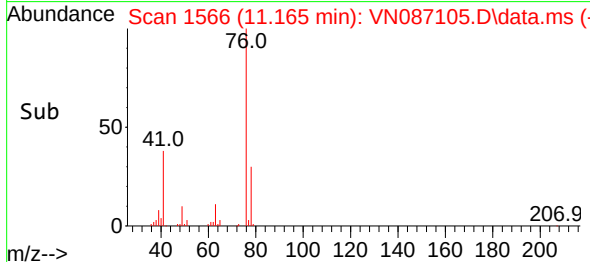
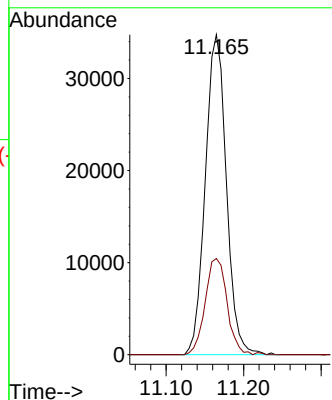
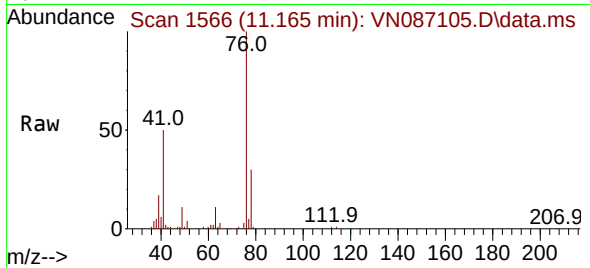
#57
1,3-Dichloropropane
Concen: 19.861 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 76 Resp: 65598
Ion Ratio Lower Upper
76 100
78 31.1 25.3 37.9

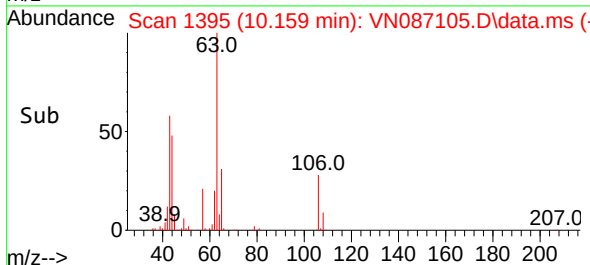
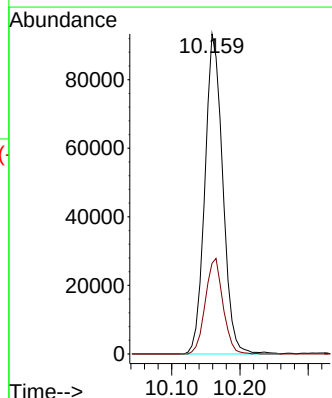
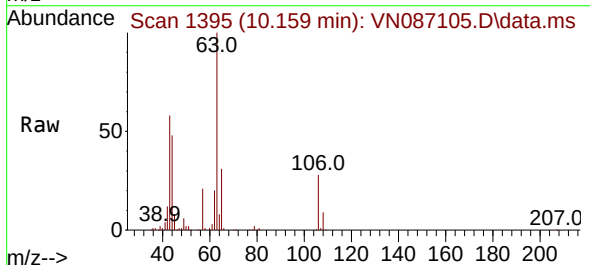
Manual Integrations
APPROVED

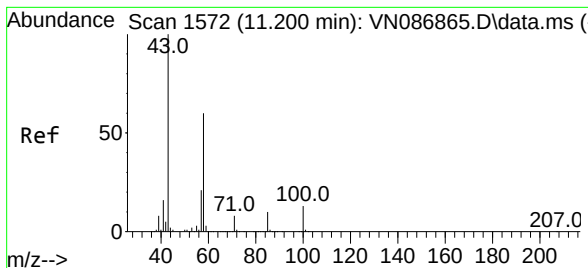
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 94.010 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

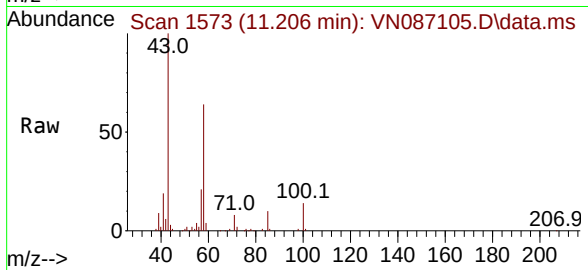
Tgt Ion: 63 Resp: 170045
Ion Ratio Lower Upper
63 100
106 29.4 23.0 34.6





#59
2-Hexanone
Concen: 80.743 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

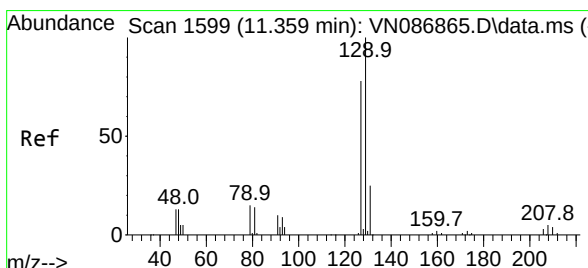
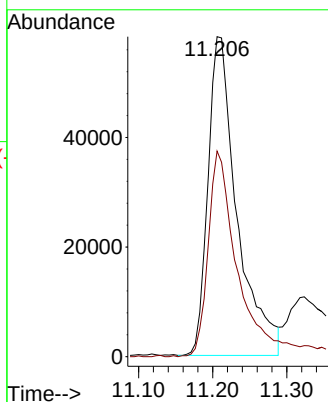
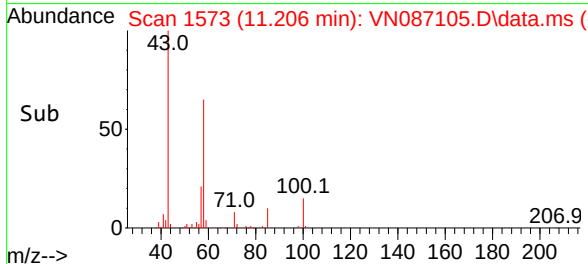
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 43 Resp: 15840
Ion Ratio Lower Upper
43 100
58 65.1 30.4 91.3

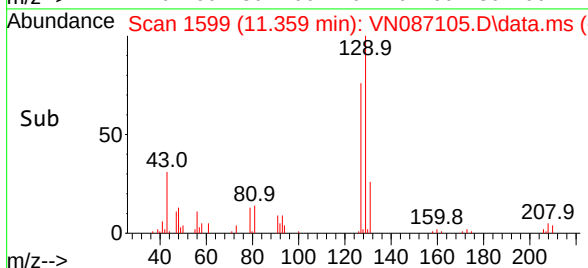
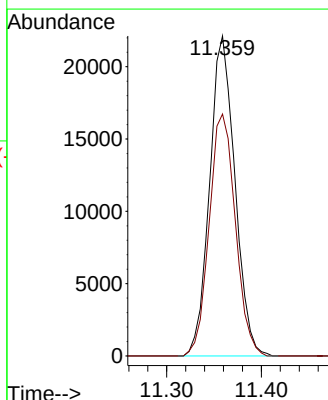
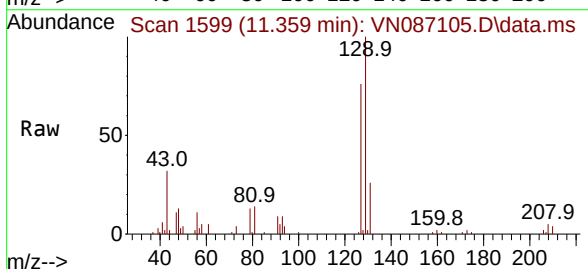
Manual Integrations
APPROVED

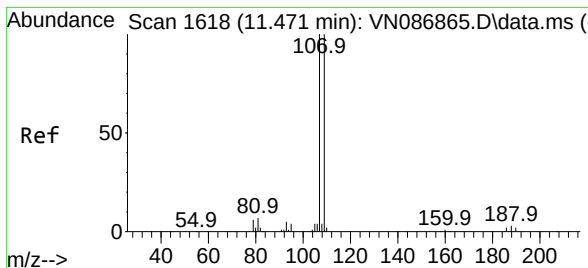
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 20.656 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

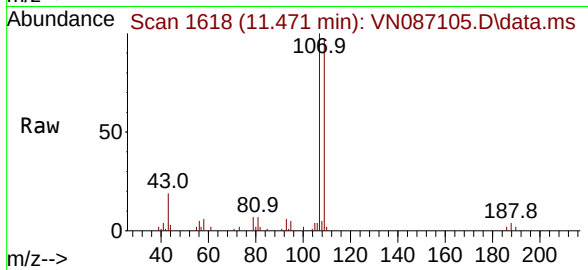
Tgt Ion:129 Resp: 40977
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.967 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

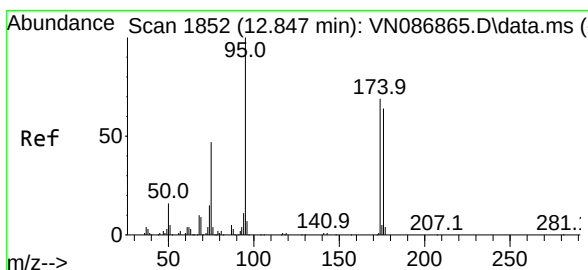
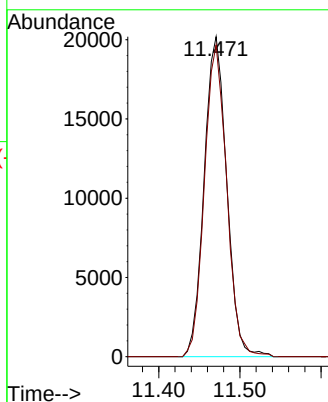
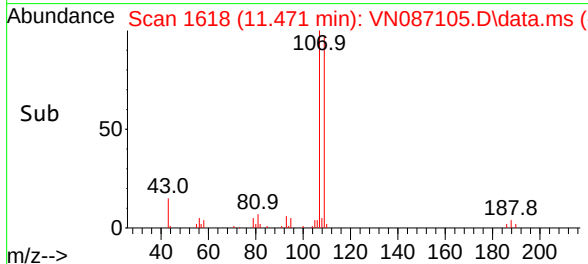
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



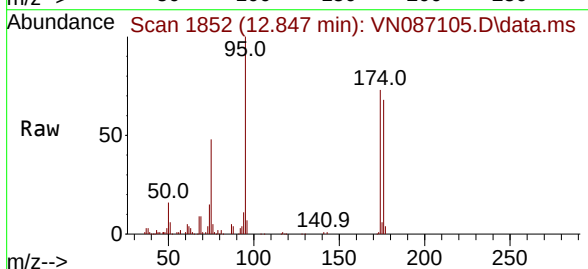
Tgt Ion:107 Resp: 3896
Ion Ratio Lower Upper
107 100
109 96.2 76.3 114.5

Manual Integrations
APPROVED

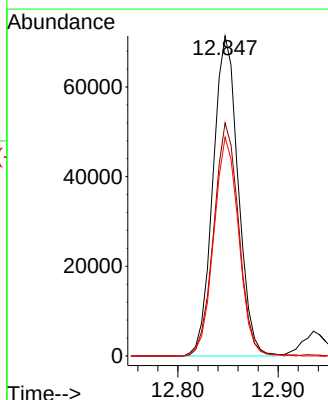
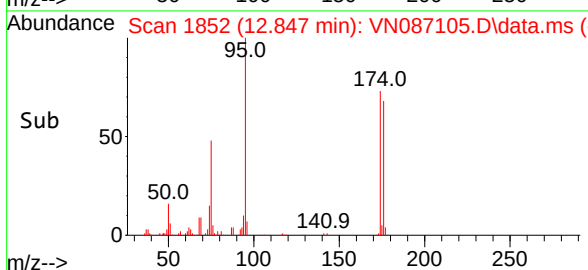
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

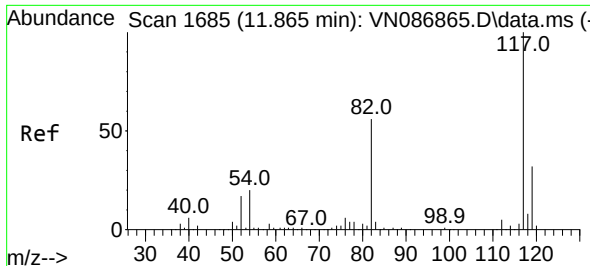


#62
4-Bromofluorobenzene
Concen: 50.910 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



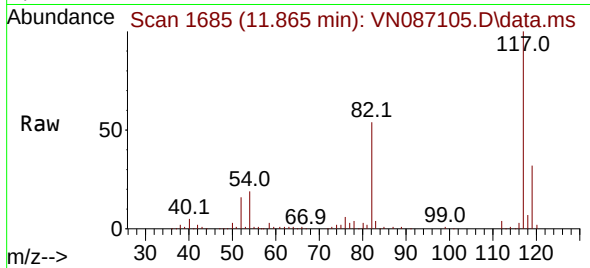
Tgt Ion: 95 Resp: 124425
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.8
176 67.5 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

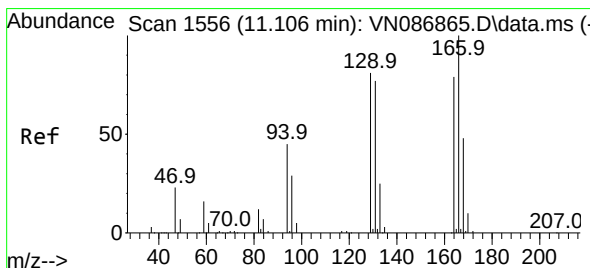
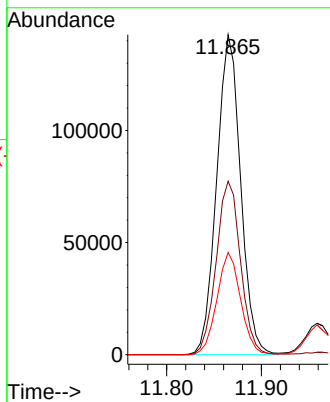
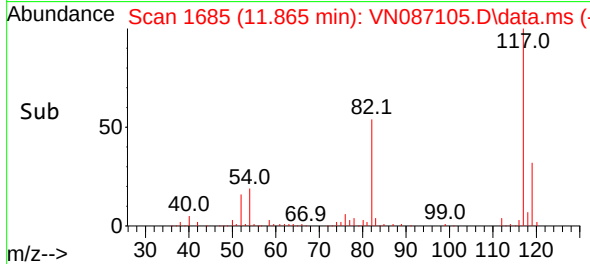
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



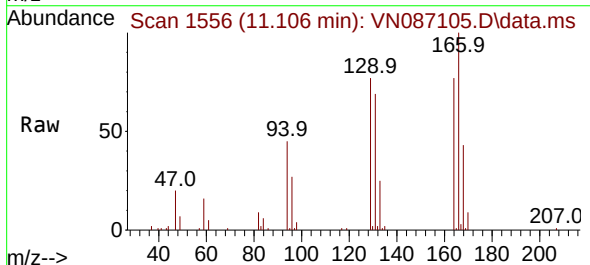
Tgt Ion:117 Resp: 25081
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 31.9 25.5 38.3

Manual Integrations
APPROVED

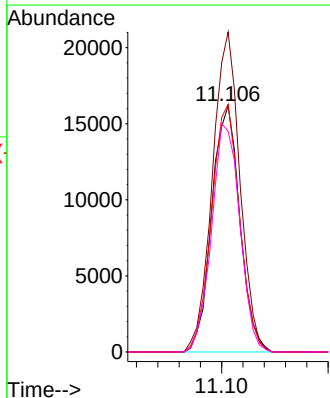
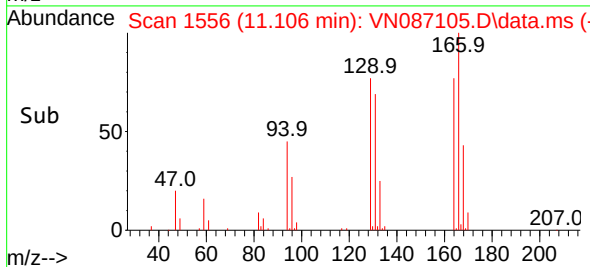
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

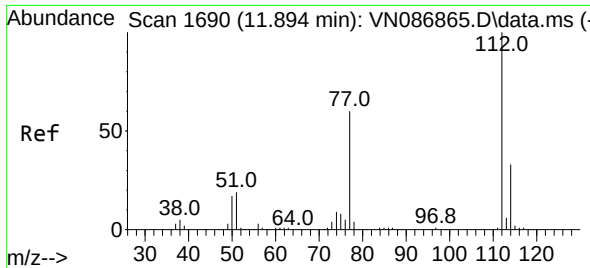


#64
Tetrachloroethene
Concen: 18.630 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



Tgt Ion:164 Resp: 29572
Ion Ratio Lower Upper
164 100
166 130.0 101.8 152.8
129 100.7 83.0 124.4
131 89.6 78.2 117.2





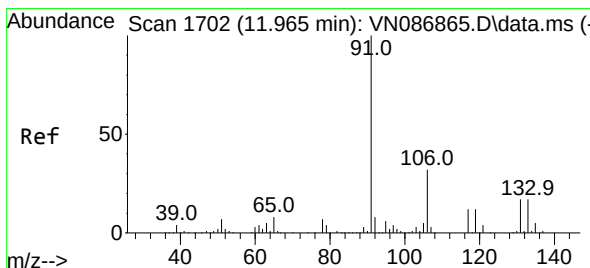
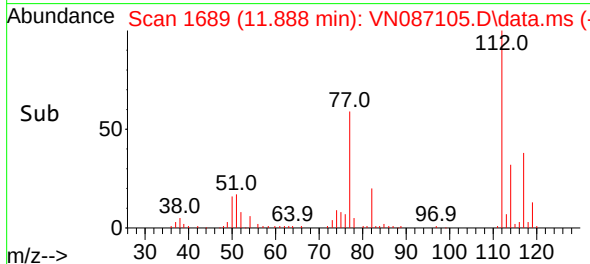
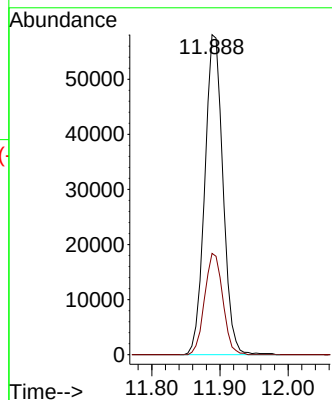
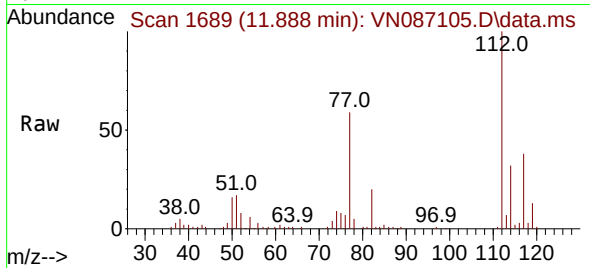
#65
Chlorobenzene
Concen: 19.474 ug/l
RT: 11.888 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:112 Resp: 107725
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

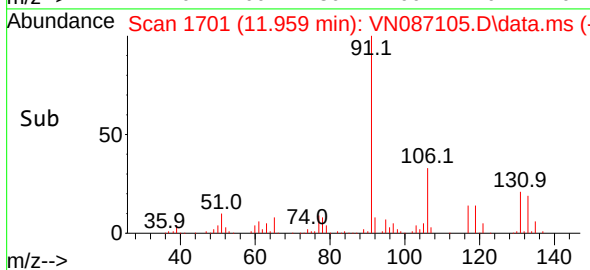
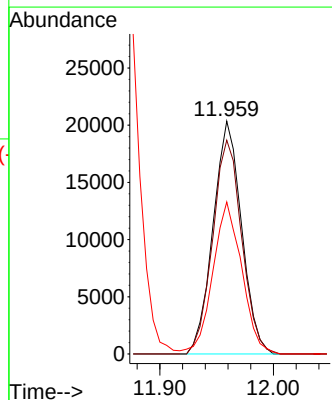
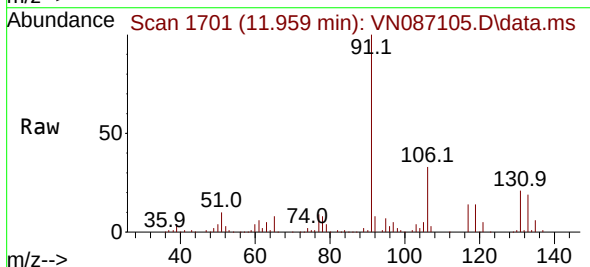
Manual Integrations
APPROVED

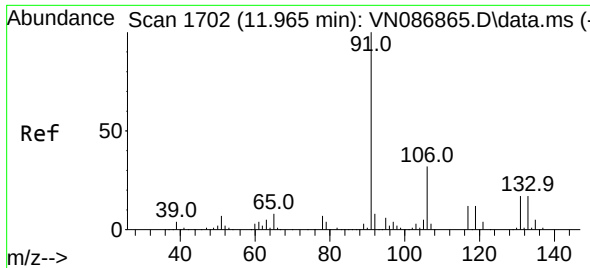
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.973 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion:131 Resp: 35515
Ion Ratio Lower Upper
131 100
133 93.8 48.3 144.8
119 66.1 34.0 101.8





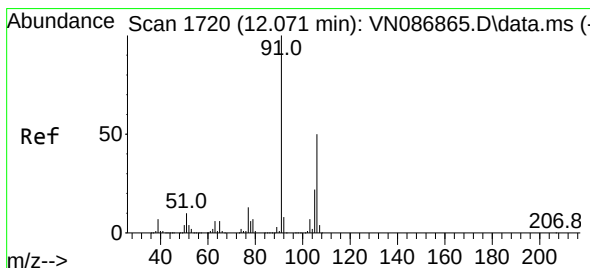
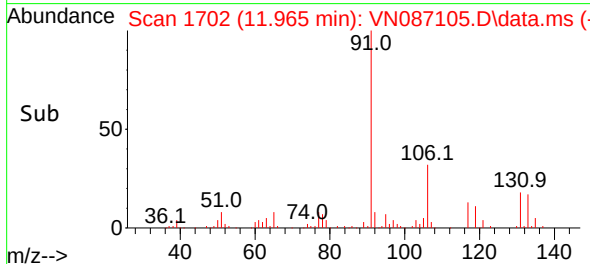
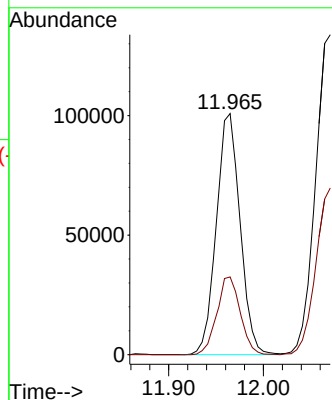
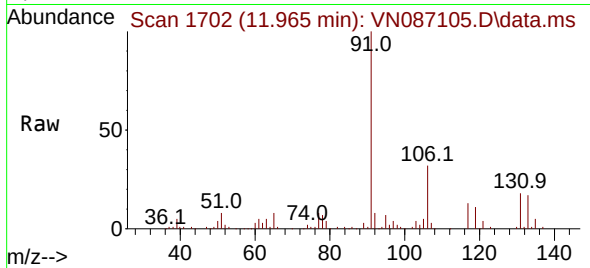
#67
Ethyl Benzene
Concen: 18.448 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 91 Resp: 175778
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2

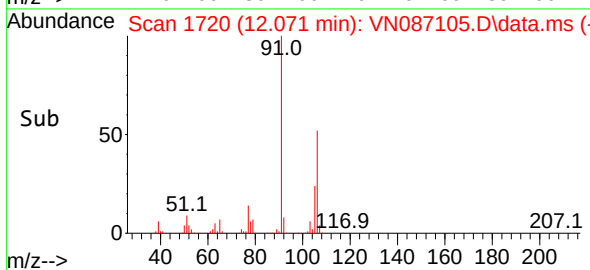
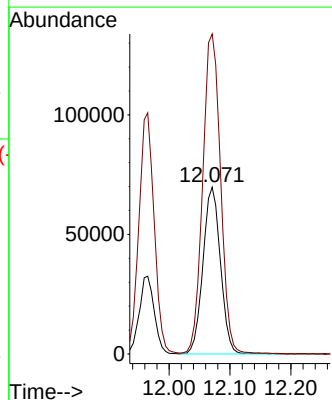
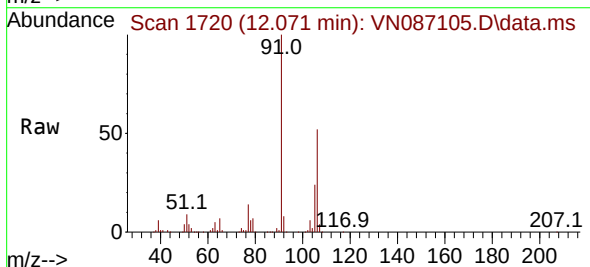
Manual Integrations
APPROVED

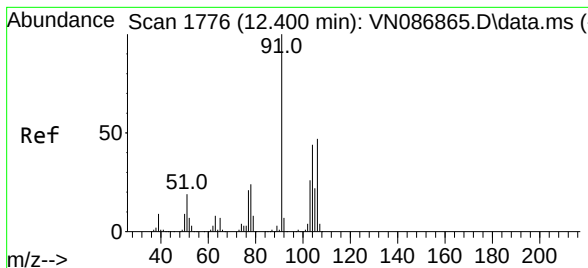
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#68
m/p-Xylenes
Concen: 38.176 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion:106 Resp: 139244
Ion Ratio Lower Upper
106 100
91 196.5 159.4 239.0





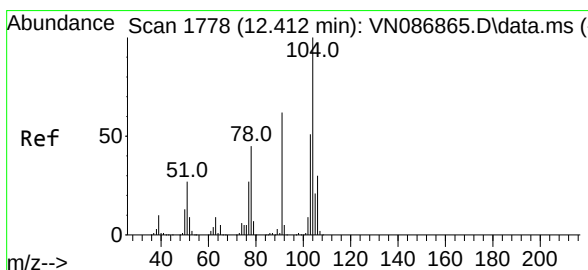
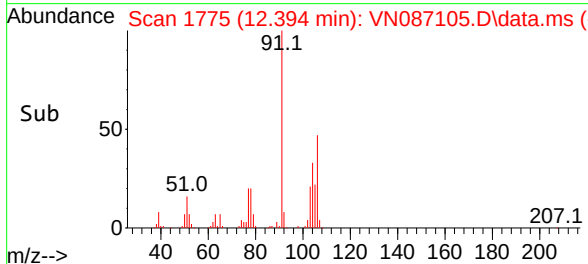
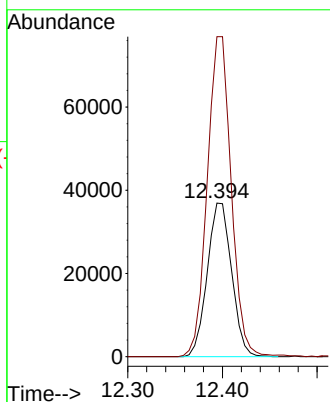
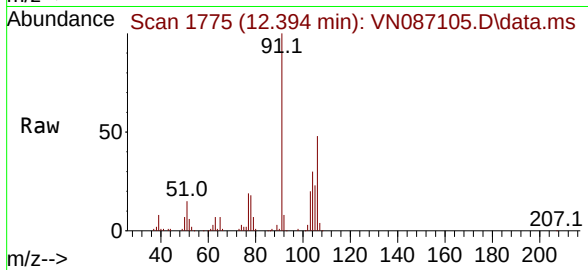
#69
o-Xylene
Concen: 18.892 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:106 Resp: 65997
Ion Ratio Lower Upper
106 100
91 205.5 106.1 318.1

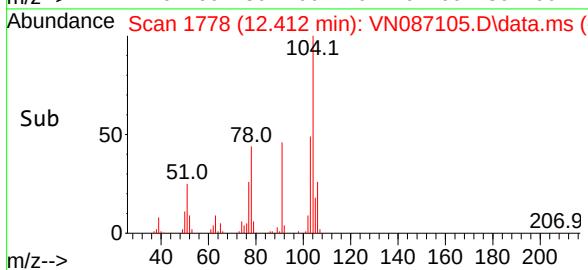
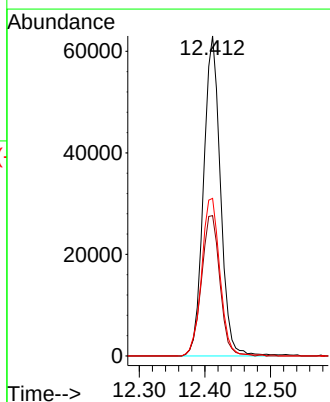
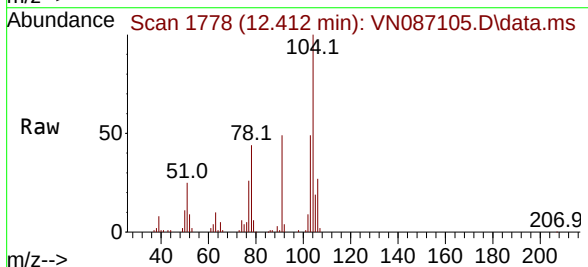
Manual Integrations
APPROVED

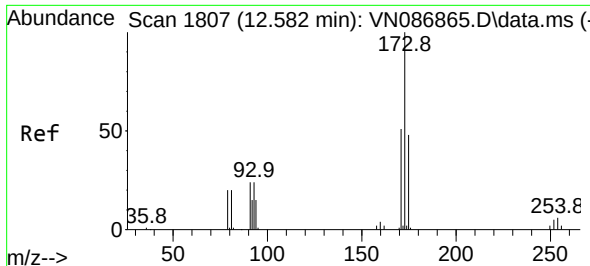
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 18.942 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

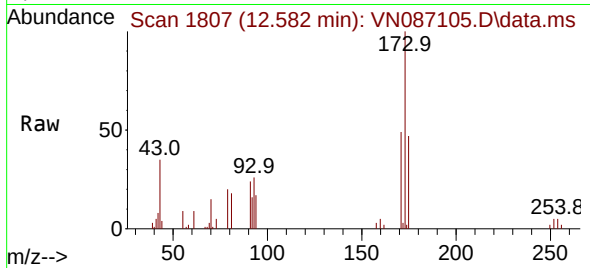
Tgt Ion:104 Resp: 113231
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 53.3 43.1 64.7





#71
Bromoform
Concen: 20.296 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

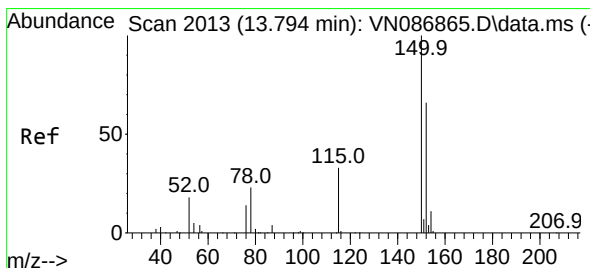
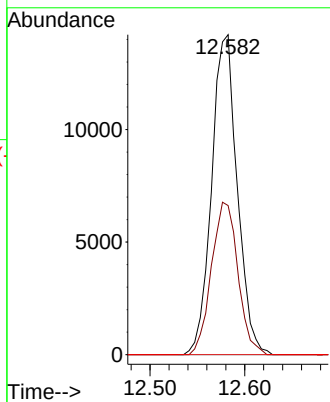
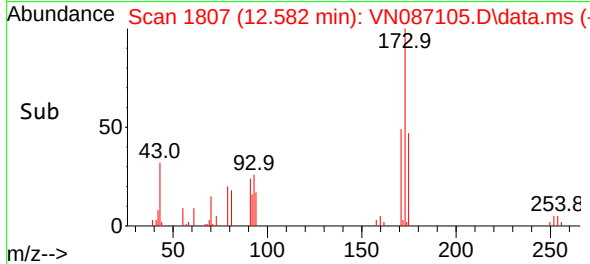
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



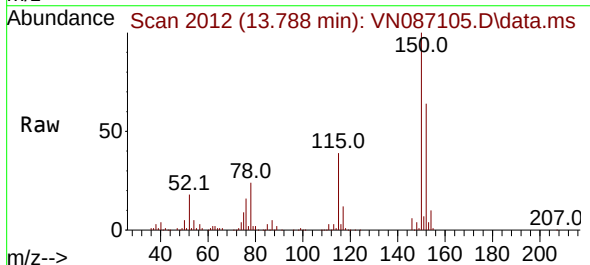
Tgt Ion:173 Resp: 26740
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

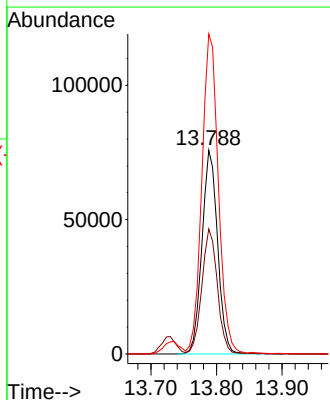
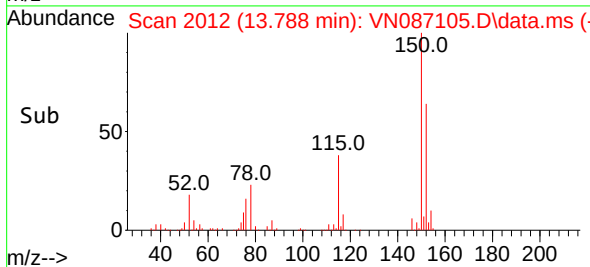
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

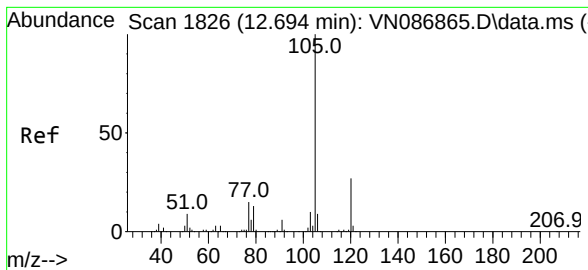


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



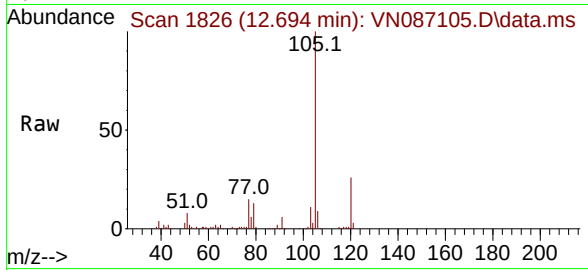
Tgt Ion:152 Resp: 126299
Ion Ratio Lower Upper
152 100
115 61.0 30.1 90.5
150 164.3 0.0 345.0





#73
Isopropylbenzene
Concen: 17.700 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

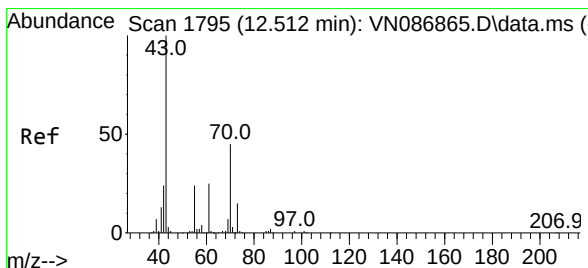
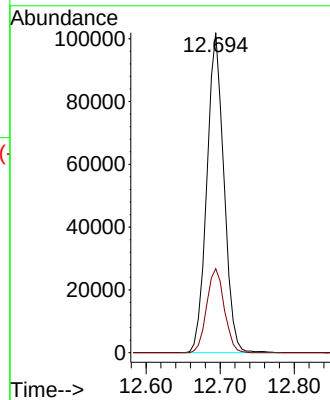
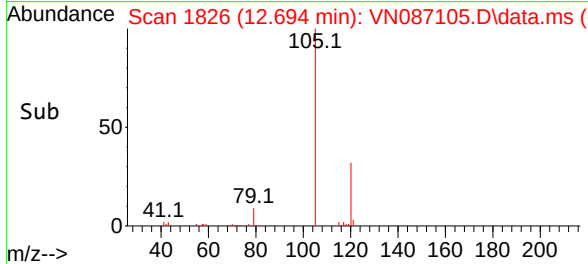
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion:105 Resp: 16285
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

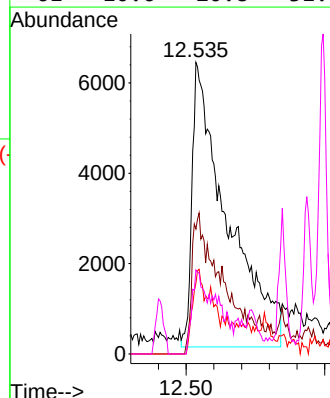
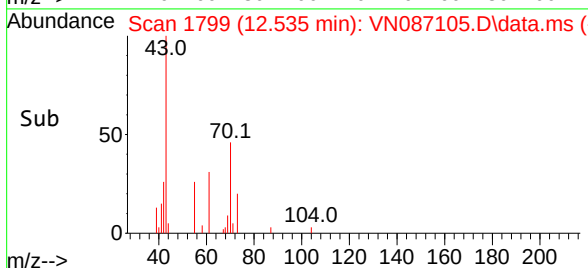
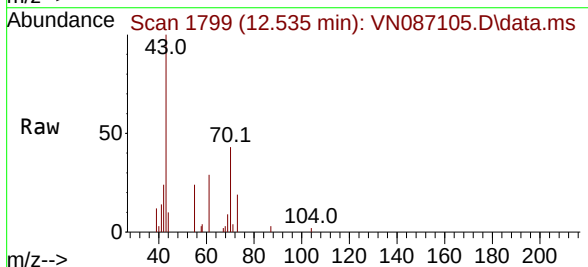
Manual Integrations
APPROVED

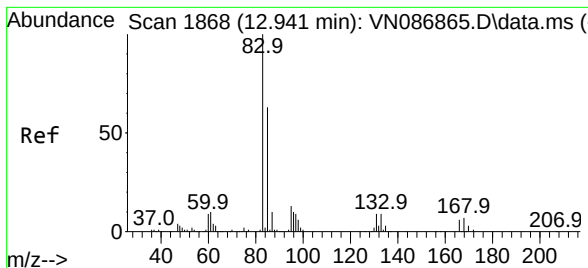
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#74
N-ethyl acetate
Concen: 17.255 ug/l m
RT: 12.535 min Scan# 1799
Delta R.T. 0.024 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

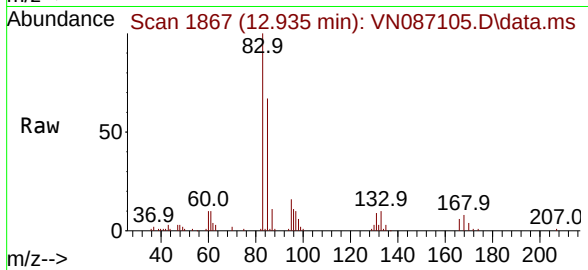
Tgt Ion: 43 Resp: 55477
Ion Ratio Lower Upper
43 100
70 28.0 37.6 56.4#
55 10.2 19.0 28.6#
61 10.6 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.768 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

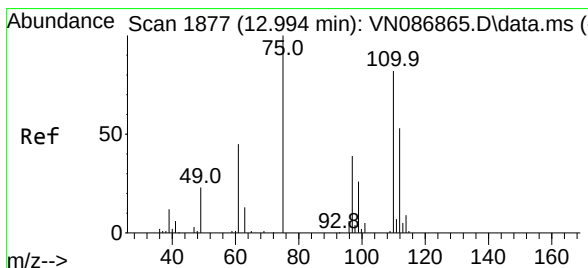
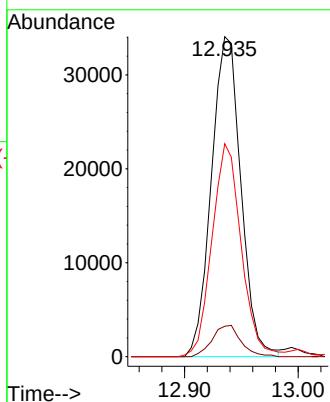
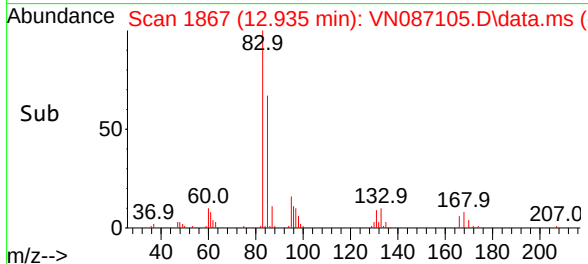
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 83 Resp: 61618
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 65.7 32.0 96.0

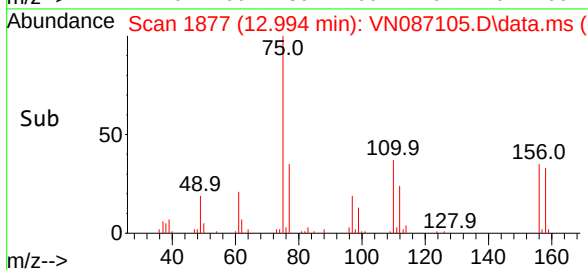
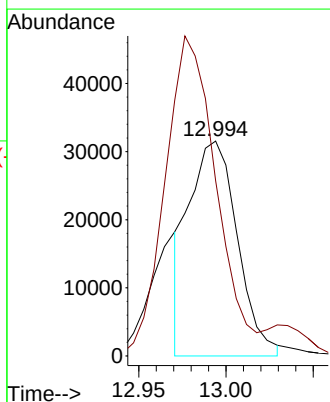
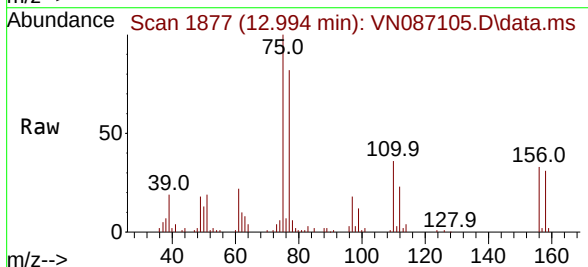
Manual Integrations
APPROVED

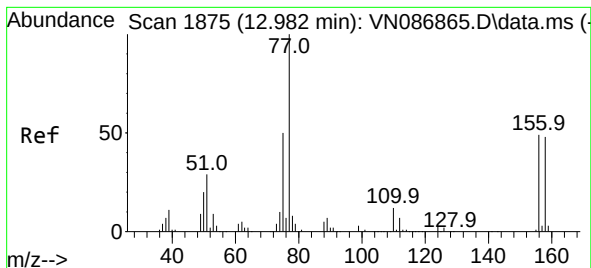
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 20.184 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion: 75 Resp: 60596
Ion Ratio Lower Upper
75 100
77 157.6 79.3 237.9





#77

Bromobenzene

Concen: 19.398 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

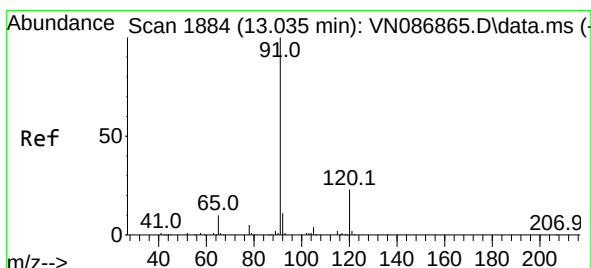
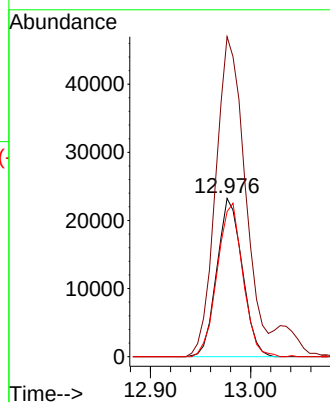
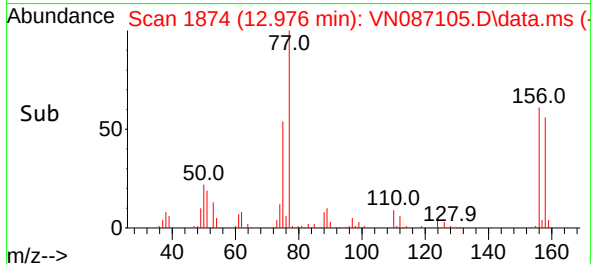
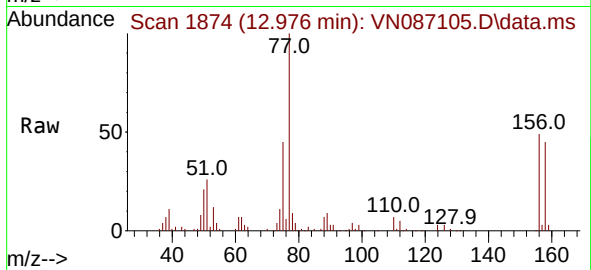
Tgt Ion:156 Resp: 40932
 Ion Ratio Lower Upper
 156 100
 77 233.4 117.7 353.1
 158 97.6 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#78

n-propylbenzene

Concen: 17.571 ug/l

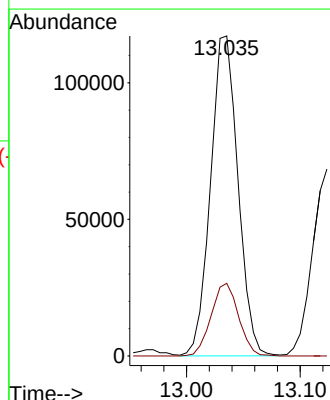
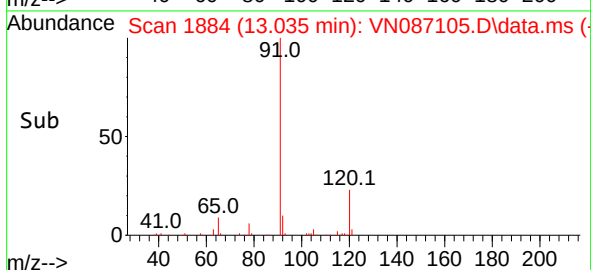
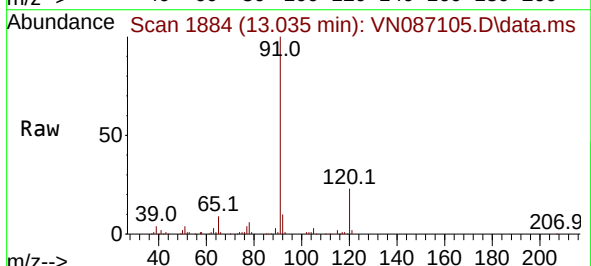
RT: 13.035 min Scan# 1884

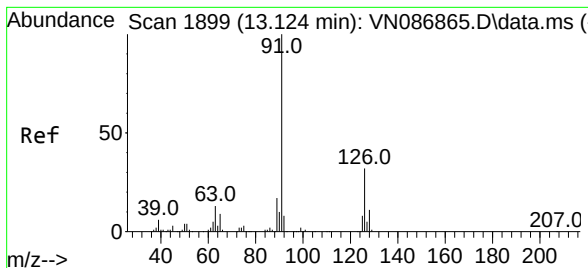
Delta R.T. -0.000 min

Lab File: VN087105.D

Acq: 19 Jun 2025 12:56

Tgt Ion: 91 Resp: 196468
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.4 34.2





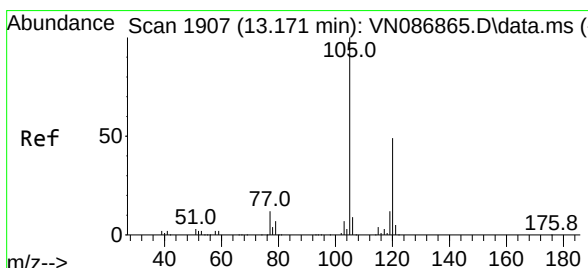
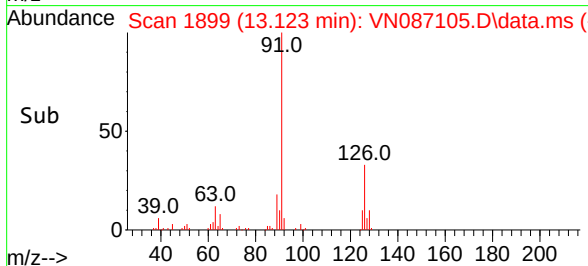
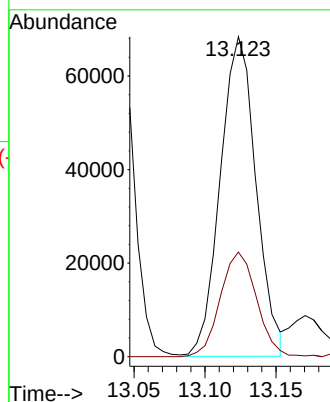
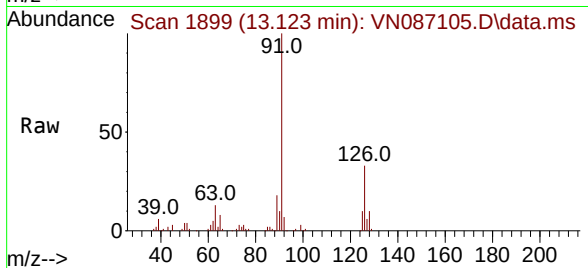
#79
2-Chlorotoluene
Concen: 17.857 ug/l
RT: 13.123 min Scan# 11974
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 91 Resp: 11974
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.5

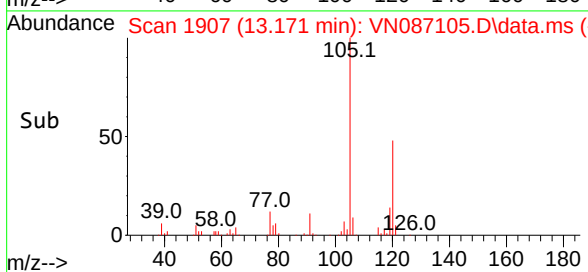
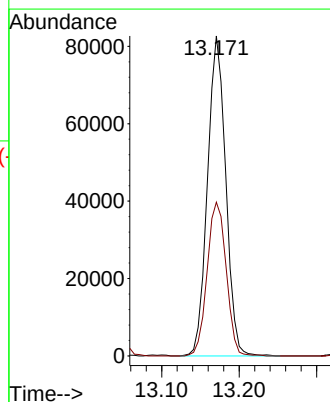
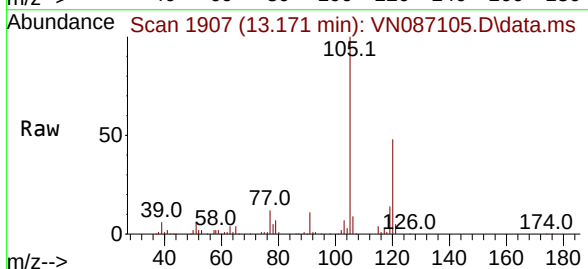
Manual Integrations
APPROVED

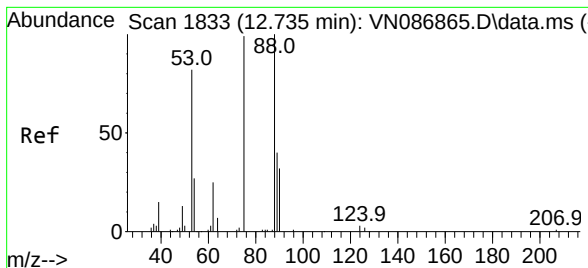
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.811 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

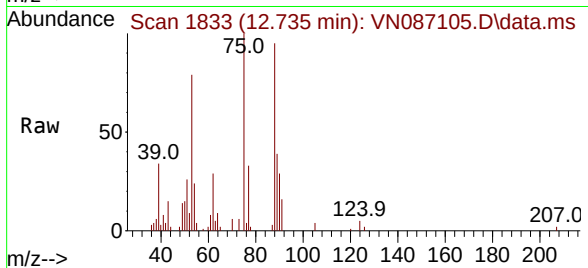
Tgt Ion:105 Resp: 135300
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.100 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

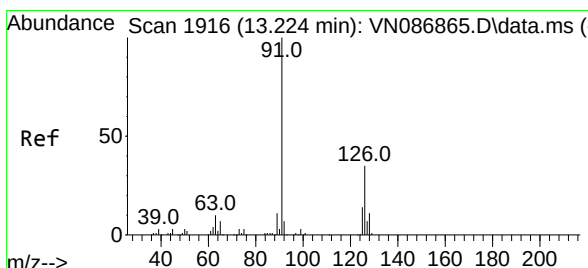
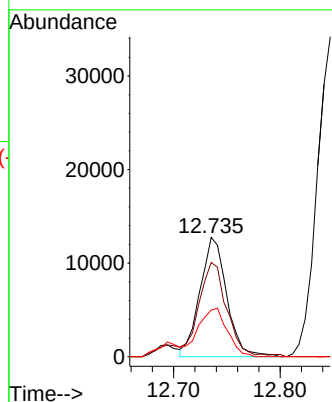
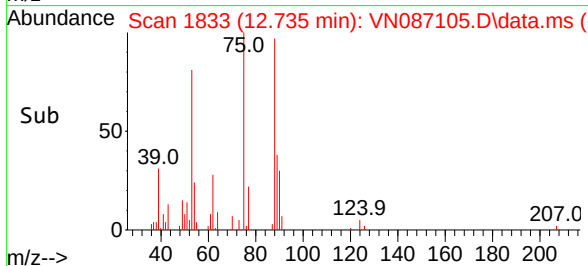
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 75 Resp: 2230
Ion Ratio Lower Upper
75 100
53 91.0 66.6 99.8
89 44.4 36.7 55.1

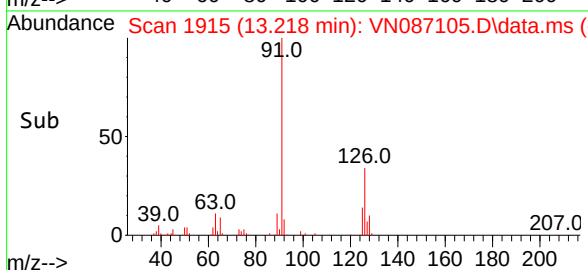
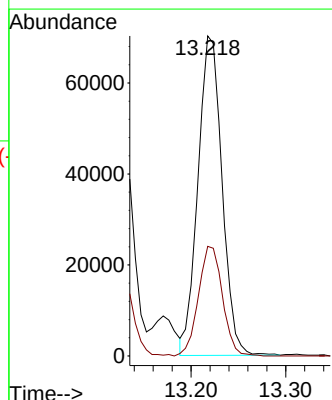
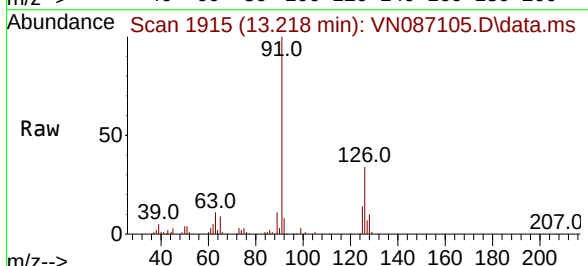
Manual Integrations
APPROVED

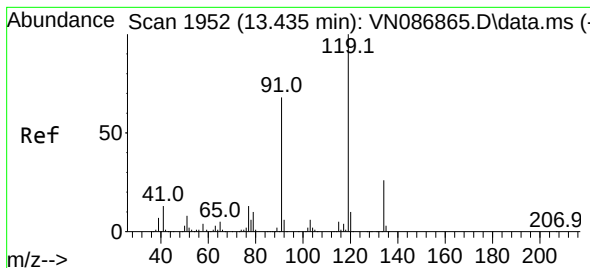
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#82
4-Chlorotoluene
Concen: 18.271 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

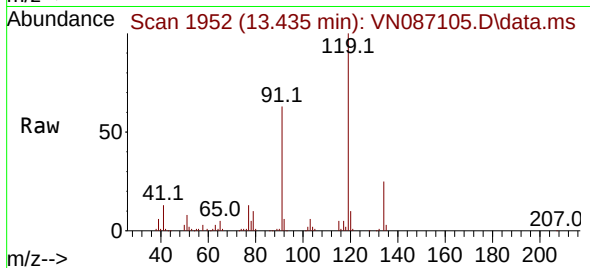
Tgt Ion: 91 Resp: 123967
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.1





#83
tert-Butylbenzene
Concen: 16.066 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

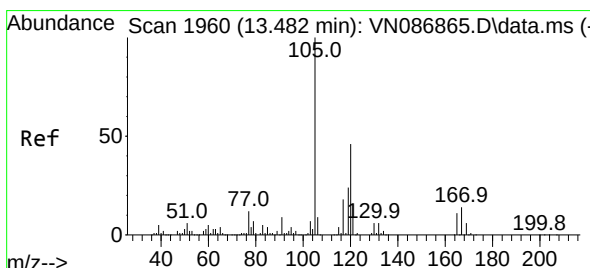
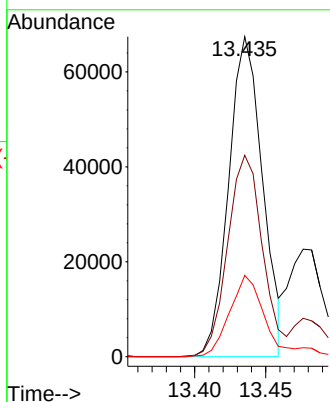
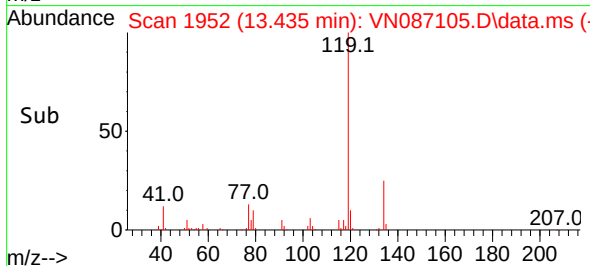
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



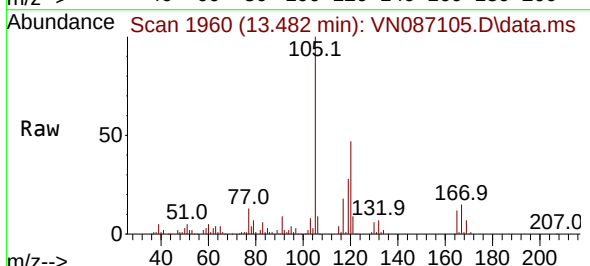
Tgt Ion:119 Resp: 111710
Ion Ratio Lower Upper
119 100
91 65.5 32.1 96.5
134 27.3 13.4 40.1

Manual Integrations
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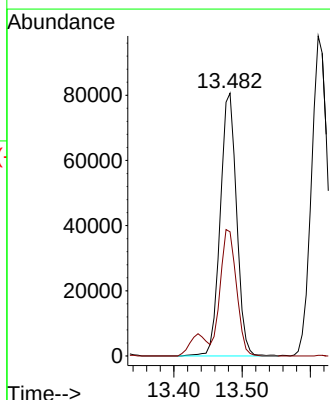
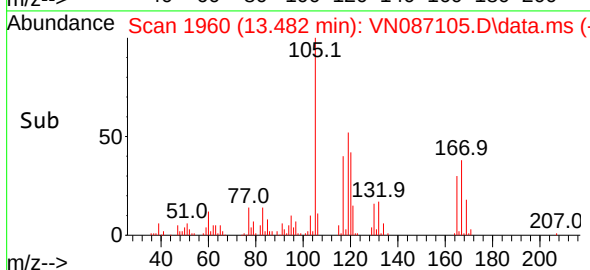
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

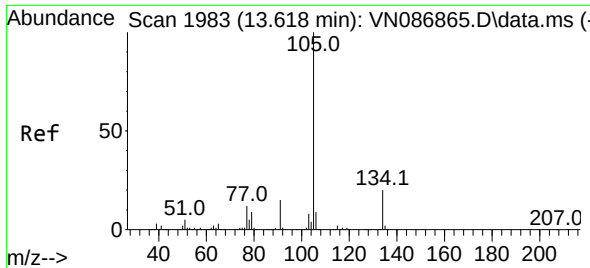


#84
1,2,4-Trimethylbenzene
Concen: 17.642 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



Tgt Ion:105 Resp: 134392
Ion Ratio Lower Upper
105 100
120 47.7 23.2 69.6





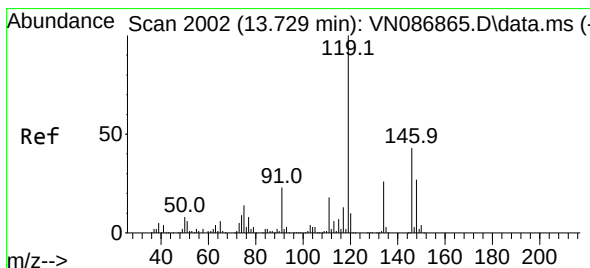
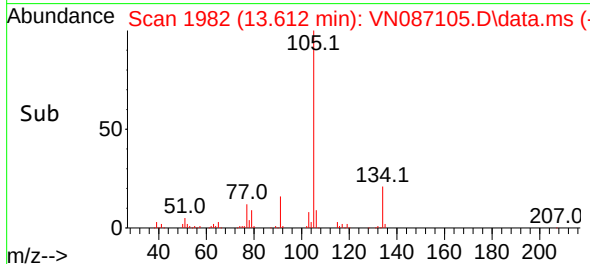
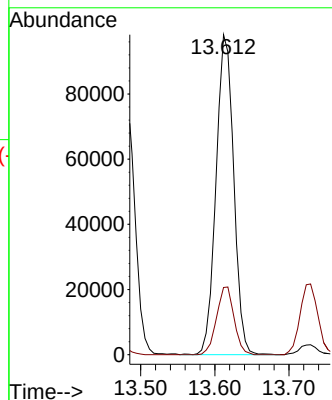
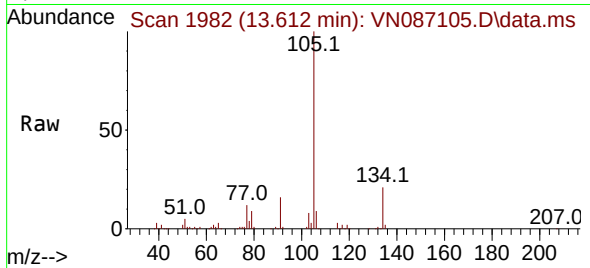
#85
 sec-Butylbenzene
 Concen: 16.106 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087105.D
 Acq: 19 Jun 2025 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Tgt Ion:105 Resp: 16264
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.0 30.0

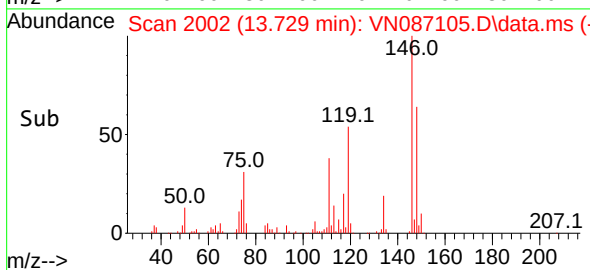
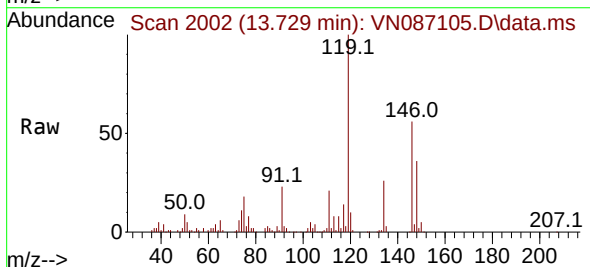
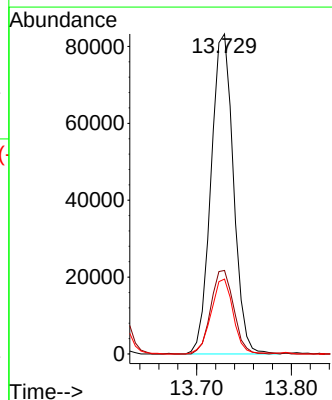
Manual Integrations
 APPROVED

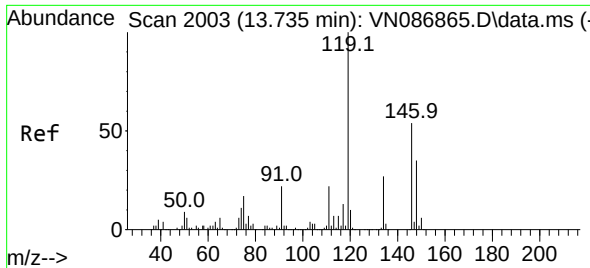
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#86
 p-Isopropyltoluene
 Concen: 16.396 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087105.D
 Acq: 19 Jun 2025 12:56

Tgt Ion:119 Resp: 136862
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 23.3 11.5 34.4





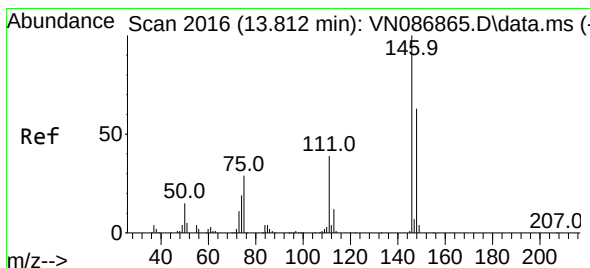
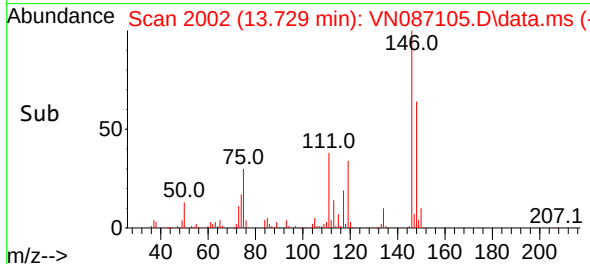
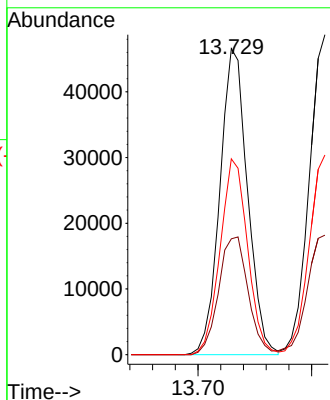
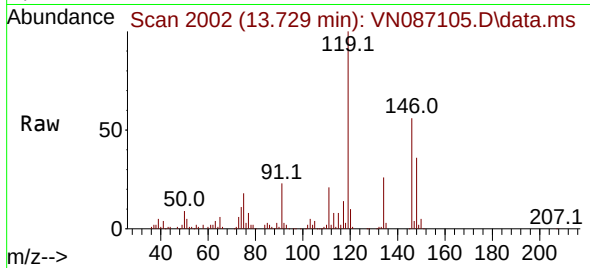
#87
1,3-Dichlorobenzene
Concen: 18.966 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:146 Resp: 78738
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.8
148 63.7 32.0 96.2

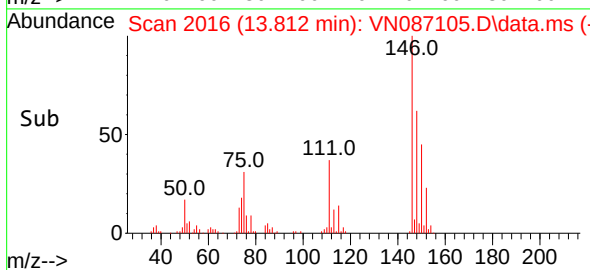
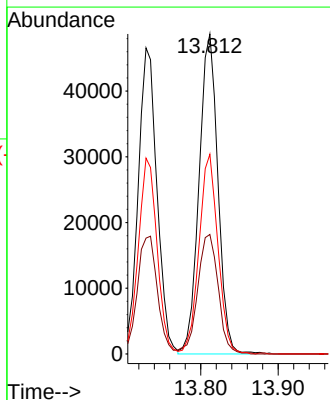
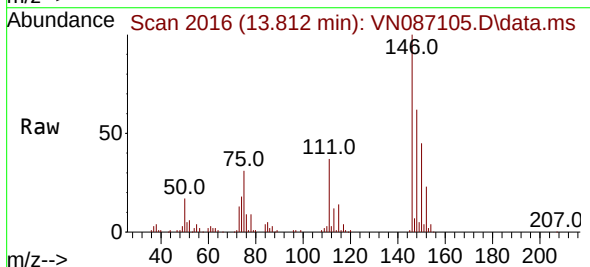
Manual Integrations
APPROVED

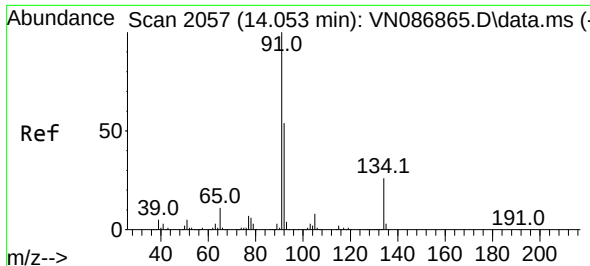
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#88
1,4-Dichlorobenzene
Concen: 19.425 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion:146 Resp: 82218
Ion Ratio Lower Upper
146 100
111 40.6 19.9 59.7
148 62.7 31.8 95.4





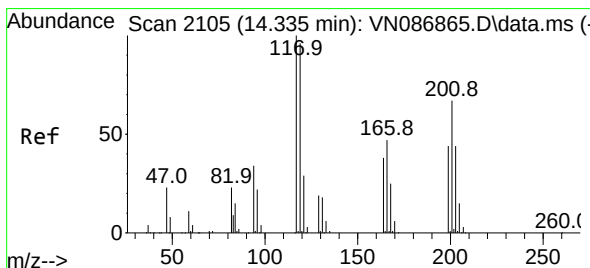
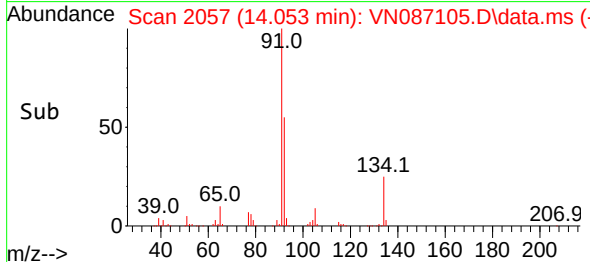
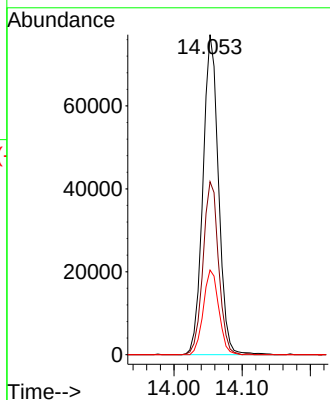
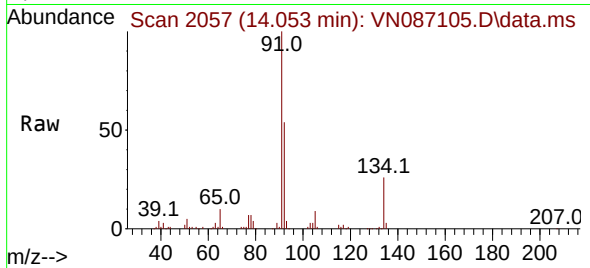
#89
n-Butylbenzene
Concen: 15.164 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 91 Resp: 122608
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.4
134 26.3 13.0 39.0

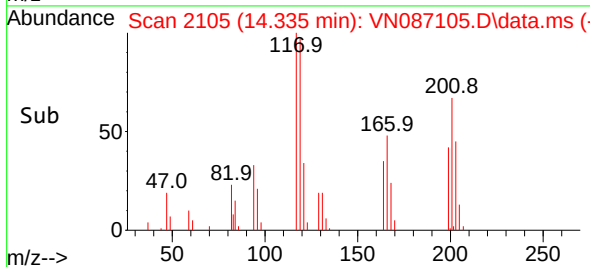
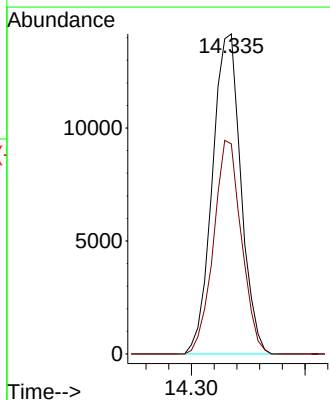
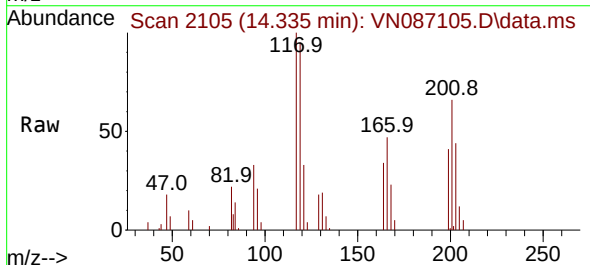
Manual Integrations
APPROVED

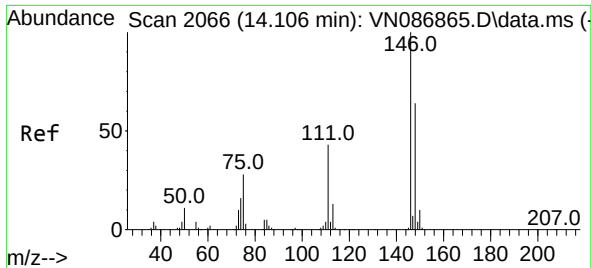
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#90
Hexachloroethane
Concen: 17.443 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion:117 Resp: 24681
Ion Ratio Lower Upper
117 100
201 65.3 33.2 99.6





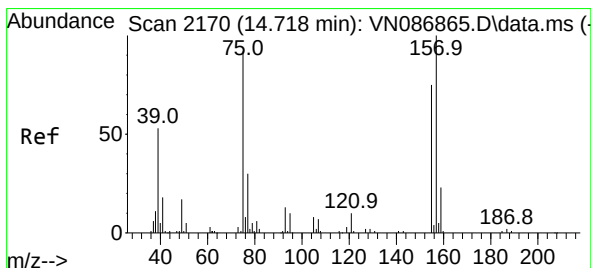
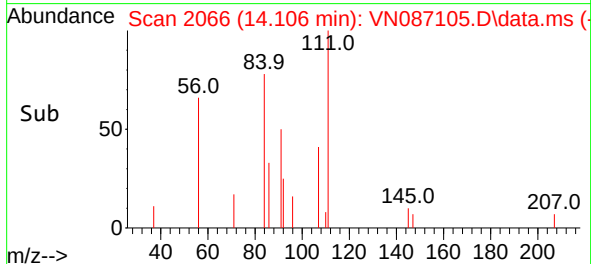
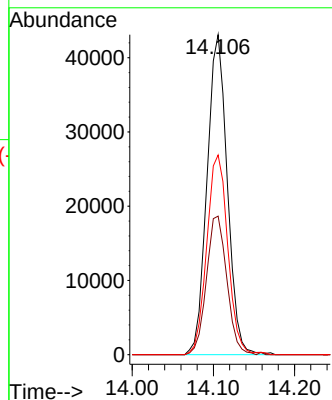
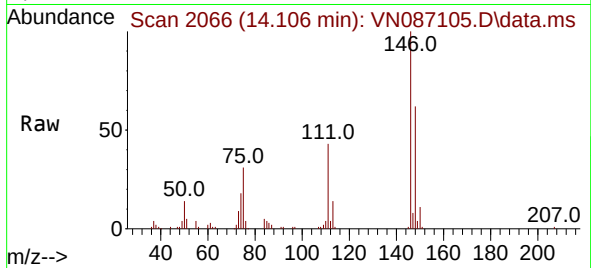
#91
1,2-Dichlorobenzene
Concen: 18.706 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:146 Resp: 74610
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.6
148 65.1 31.7 95.1

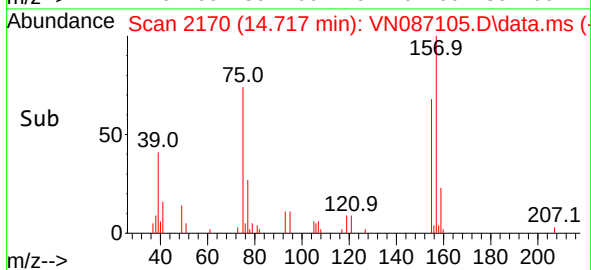
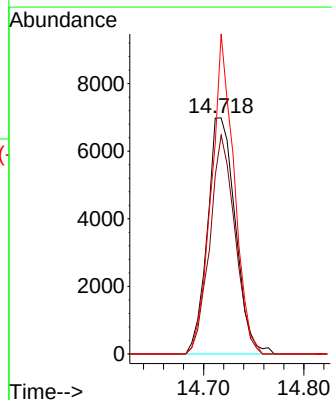
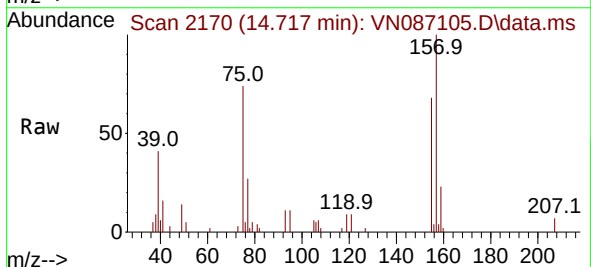
Manual Integrations
APPROVED

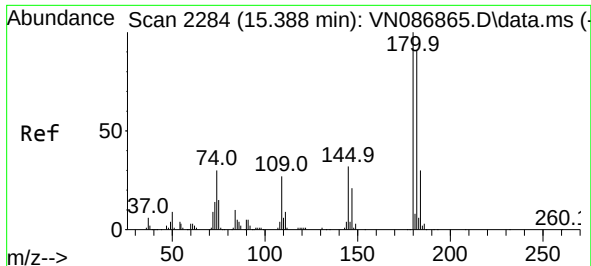
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.127 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

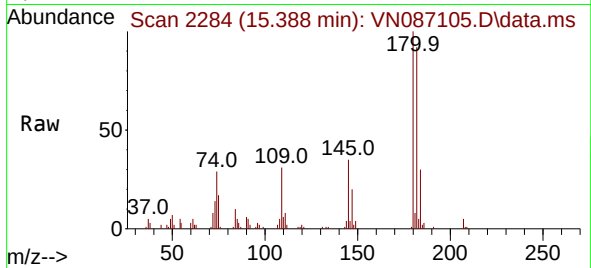
Tgt Ion: 75 Resp: 13513
Ion Ratio Lower Upper
75 100
155 83.4 41.1 123.4
157 110.2 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 16.392 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

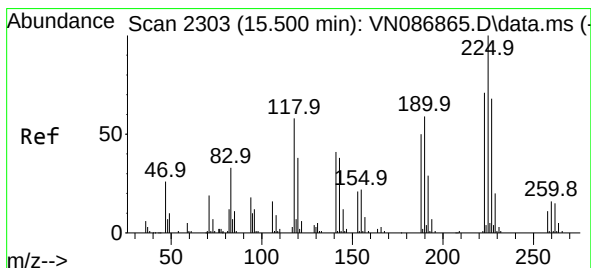
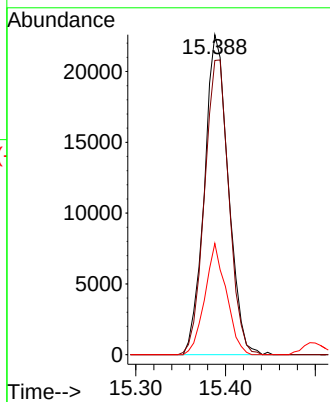
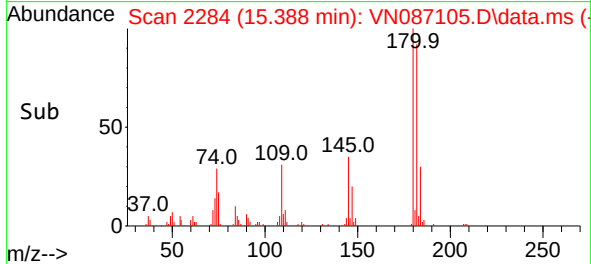
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



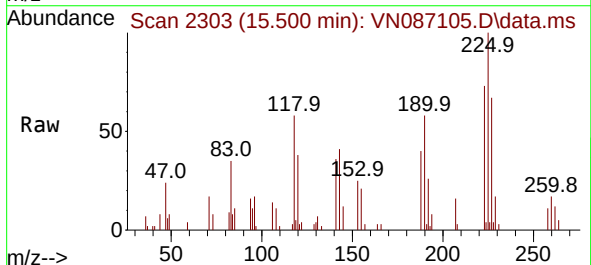
Tgt Ion:180 Resp: 4175
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.7
145 31.2 16.0 47.9

Manual Integrations
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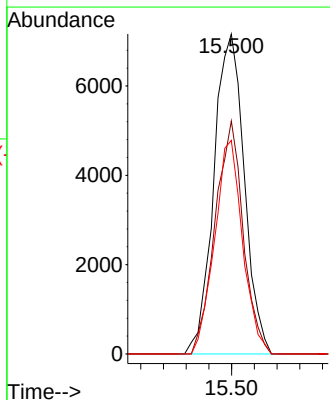
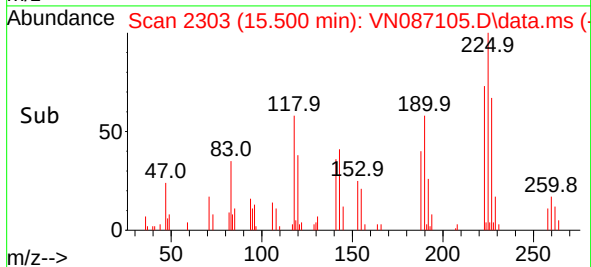
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

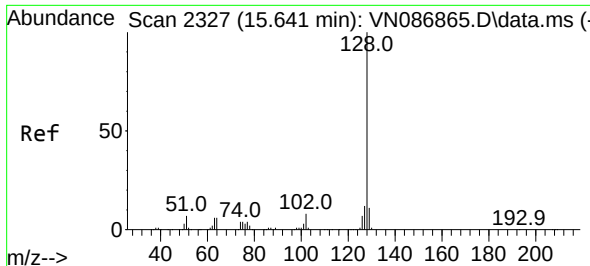


#94
Hexachlorobutadiene
Concen: 14.032 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56



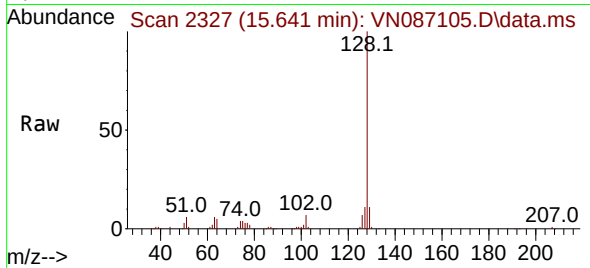
Tgt Ion:225 Resp: 13315
Ion Ratio Lower Upper
225 100
223 67.2 33.5 100.4
227 61.8 31.1 93.5





#95
Naphthalene
Concen: 16.949 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

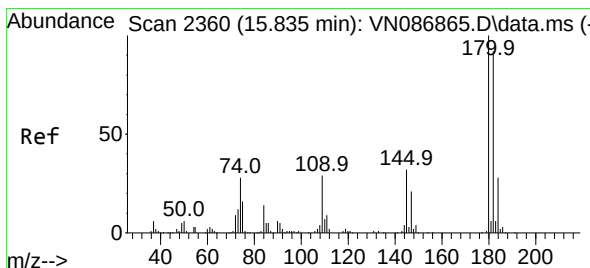
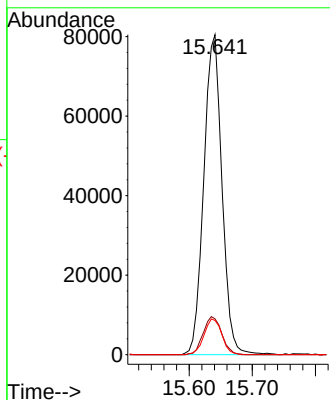
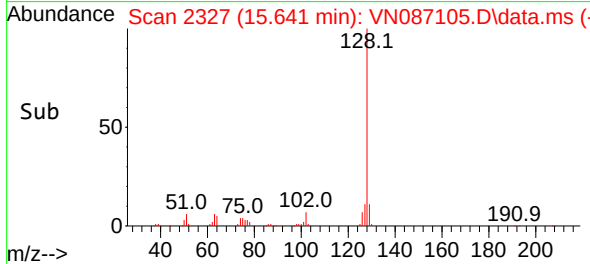
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion:128 Resp: 160678
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.883 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087105.D
Acq: 19 Jun 2025 12:56

Tgt Ion:180 Resp: 40193
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 33.0 16.6 49.8

