

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086992.D
 Acq On : 12 Jun 2025 20:48
 Operator : JC\MD
 Sample : Q2268-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605MS

Quant Time: Jun 13 01:35:43 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	8.236	168	232985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	427205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	372041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171326	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	141302	45.298	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.600%
35) Dibromofluoromethane	8.177	113	127855	50.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	10.571	98	475637	47.457	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.847	95	179151	48.112	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	95206	40.984	ug/l	96
3) Chloromethane	2.395	50	107133	35.714	ug/l	99
4) Vinyl Chloride	2.554	62	140948	45.550	ug/l	99
5) Bromomethane	2.983	94	31603	18.250	ug/l	91
6) Chloroethane	3.154	64	96111	48.084	ug/l	98
7) Trichlorofluoromethane	3.524	101	198275	49.042	ug/l	99
8) Diethyl Ether	3.983	74	93986	53.356	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.395	101	113796	44.801	ug/l	97
10) Methyl Iodide	4.612	142	53304	16.188	ug/l	94
11) Tert butyl alcohol	5.547	59	219086	258.838	ug/l	100
12) 1,1-Dichloroethene	4.365	96	130958	50.501	ug/l	92
13) Acrolein	4.200	56	42311	157.923	ug/l	# 15
14) Allyl chloride	5.048	41	171692	39.922	ug/l	# 92
15) Acrylonitrile	5.742	53	495167	250.288	ug/l	97
16) Acetone	4.448	43	428120	258.800	ug/l	98
17) Carbon Disulfide	4.736	76	319157	44.494	ug/l	100
18) Methyl Acetate	5.048	43	218341	45.292	ug/l	95
19) Methyl tert-butyl Ether	5.818	73	572010	60.921	ug/l	# 1
20) Methylene Chloride	5.300	84	152310	49.179	ug/l	92
21) trans-1,2-Dichloroethene	5.806	96	139888	48.486	ug/l	91
22) Diisopropyl ether	6.689	45	430366	47.473	ug/l	96
23) Vinyl Acetate	6.624	43	1641904	214.367	ug/l	96
24) 1,1-Dichloroethane	6.589	63	260618	49.956	ug/l	99
25) 2-Butanone	7.494	43	647510	240.806	ug/l	94
26) 2,2-Dichloropropane	7.500	77	152729	37.635	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	180414	52.287	ug/l	92
28) Bromochloromethane	7.824	49	104333	40.675	ug/l	86
29) Tetrahydrofuran	7.847	42	400335	228.548	ug/l	91
30) Chloroform	7.977	83	290791	55.814	ug/l	95
31) Cyclohexane	8.265	56	401420	79.342	ug/l	# 88
32) 1,1,1-Trichloroethane	8.177	97	222435	50.197	ug/l	97
36) 1,1-Dichloropropene	8.377	75	177427	47.031	ug/l	97
37) Ethyl Acetate	7.571	43	202261	42.117	ug/l	95
38) Carbon Tetrachloride	8.371	117	184700	49.869	ug/l	99
39) Methylcyclohexane	9.606	83	429688	83.136	ug/l	94
40) Benzene	8.612	78	2008592	162.820	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	127639	47.325	ug/l	94
42) 1,2-Dichloroethane	8.677	62	179592	47.997	ug/l	96
43) Isopropyl Acetate	8.694	43	368031	47.747	ug/l	99
44) Trichloroethene	9.359	130	151965	51.951	ug/l	98
45) 1,2-Dichloropropane	9.624	63	149989	49.976	ug/l	97
46) Dibromomethane	9.712	93	104726	52.535	ug/l	93
47) Bromodichloromethane	9.894	83	218861	53.361	ug/l	100
48) Methyl methacrylate	9.682	41	141952	40.013	ug/l #	83
49) 1,4-Dioxane	9.706	88	72823	1128.338	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	1091222	235.166	ug/l	93
52) Toluene	10.630	92	453063	60.096	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	223962	48.833	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	243114	49.542	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	189646	65.376	ug/l	87
56) Ethyl methacrylate	10.882	69	262788	56.876	ug/l	90
57) 1,3-Dichloropropane	11.165	76	257363	51.143	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	641	0.233	ug/l #	46
59) 2-Hexanone	11.200	43	763906	255.579	ug/l	89
60) Dibromochloromethane	11.359	129	168431	55.728	ug/l	99
61) 1,2-Dibromoethane	11.471	107	160869	54.104	ug/l	98
64) Tetrachloroethene	11.106	164	112563	47.807	ug/l	95
65) Chlorobenzene	11.894	112	425514	51.857	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	142834	54.152	ug/l	100
67) Ethyl Benzene	11.965	91	6864452	485.676	ug/l	98
68) m/p-Xylenes	12.076	106	3554679	657.006	ug/l	96
69) o-Xylene	12.400	106	307969	59.433	ug/l	96
70) Styrene	12.412	104	461140	52.006	ug/l	99
71) Bromoform	12.576	173	114944	58.815	ug/l #	99
73) Isopropylbenzene	12.694	105	1259395	100.903	ug/l	99
74) N-amyl acetate	12.512	43	215181	49.337	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	236672	55.972	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	305389	74.988	ug/l	70
77) Bromobenzene	12.982	156	163979	57.288	ug/l	94
78) n-propylbenzene	13.035	91	2168323	142.954	ug/l	98
79) 2-Chlorotoluene	13.123	91	595579	65.474	ug/l	90
80) 1,3,5-Trimethylbenzene	13.171	105	1374121	133.348	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	79134	44.730	ug/l	95
82) 4-Chlorotoluene	13.223	91	462419	50.241	ug/l	97
83) tert-Butylbenzene	13.435	119	468897	49.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	3780929	365.899	ug/l	96
85) sec-Butylbenzene	13.618	105	675844	49.338	ug/l	94
86) p-Isopropyltoluene	13.729	119	518206	45.764	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	288870	51.294	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	295025	51.383	ug/l	99
89) n-Butylbenzene	14.053	91	513089	46.780	ug/l #	87
90) Hexachloroethane	14.329	117	159701	83.204	ug/l	65
91) 1,2-Dichlorobenzene	14.106	146	282685	52.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	51901	51.325	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	156064	45.170	ug/l	98
94) Hexachlorobutadiene	15.494	225	41374	32.142	ug/l	97
95) Naphthalene	15.635	128	4309972	335.143	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	156650	45.635	ug/l	97

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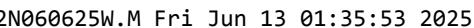
Instrument :
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ClientSampleId :
MW-2-20250605MS

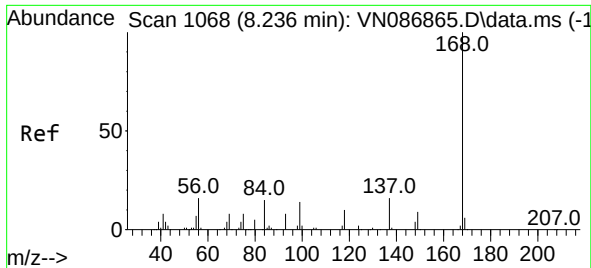
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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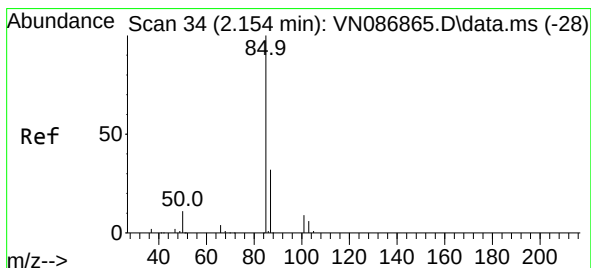
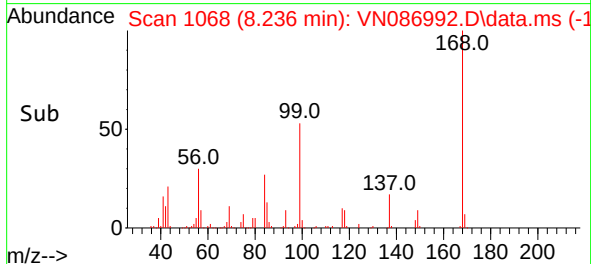
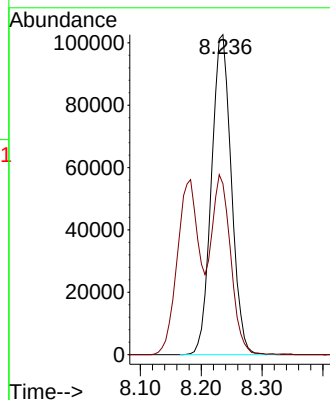
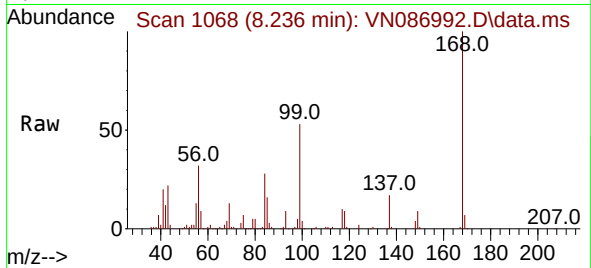




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
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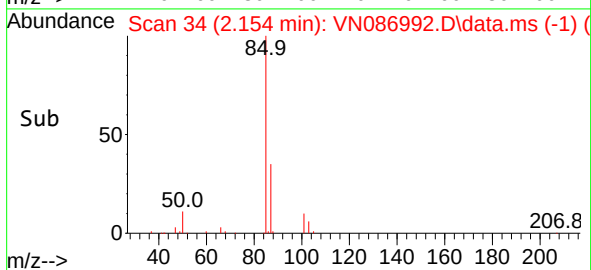
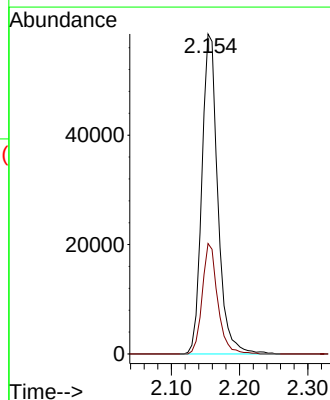
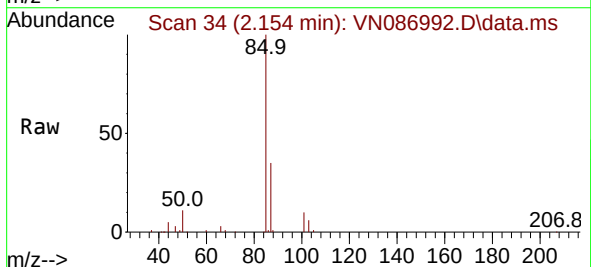
Instrument :
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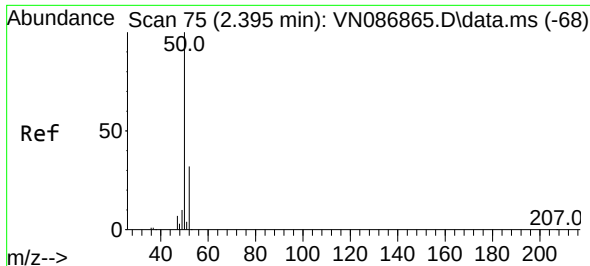
Tgt Ion:168 Resp: 232985
Ion Ratio Lower Upper
168 100
99 53.2 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 40.984 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 85 Resp: 95206
Ion Ratio Lower Upper
85 100
87 34.5 16.2 48.6

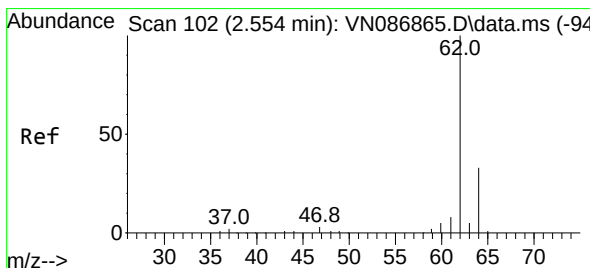
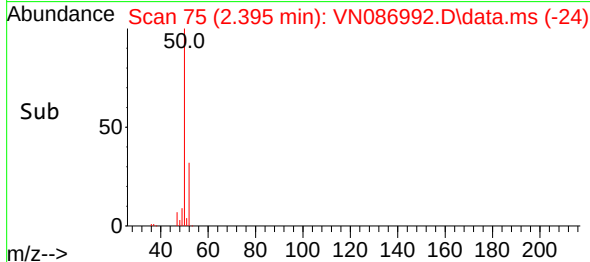
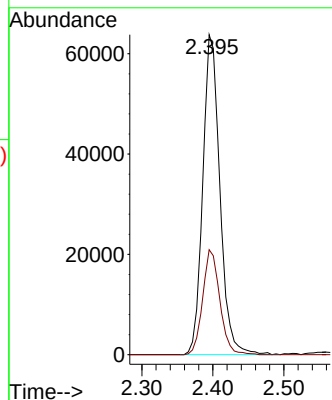
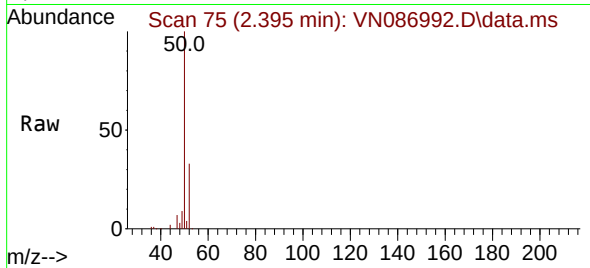




#3
Chloromethane
Concen: 35.714 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086992.D
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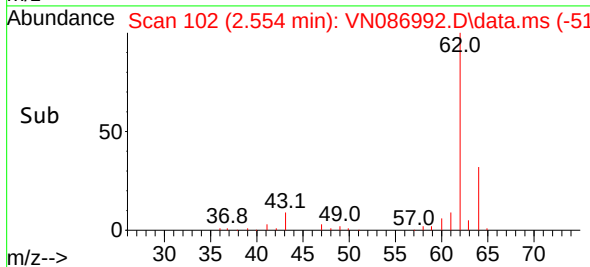
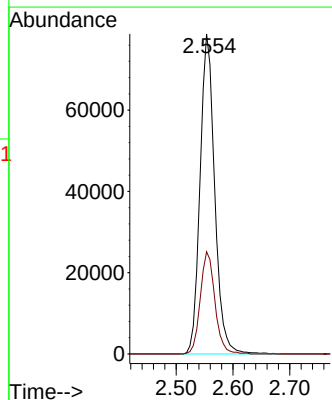
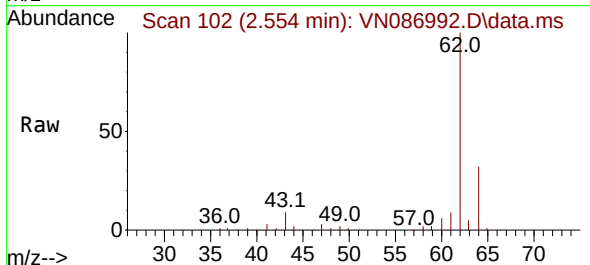
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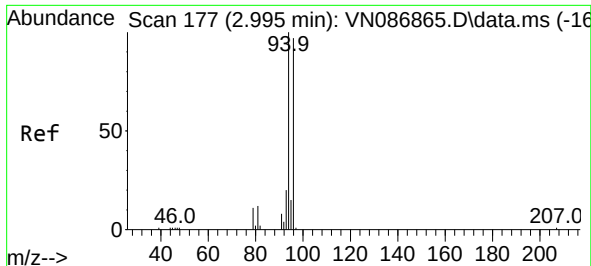
Tgt Ion: 50 Resp: 107133
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 45.550 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 62 Resp: 140948
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0

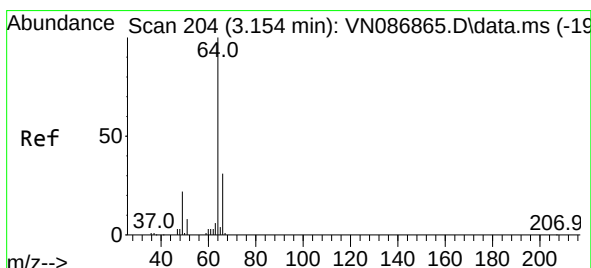
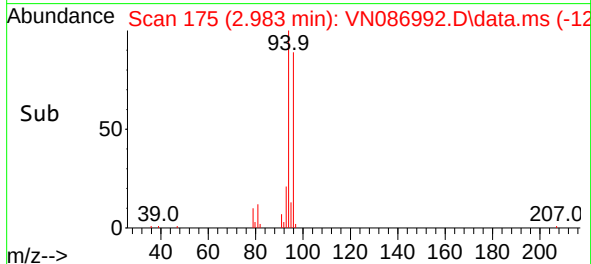
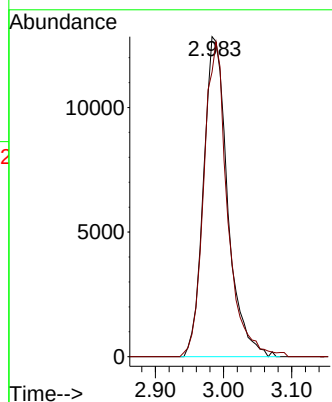
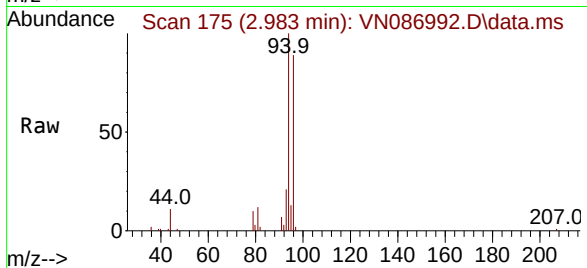




#5
Bromomethane
Concen: 18.250 ug/l
RT: 2.983 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN086992.D
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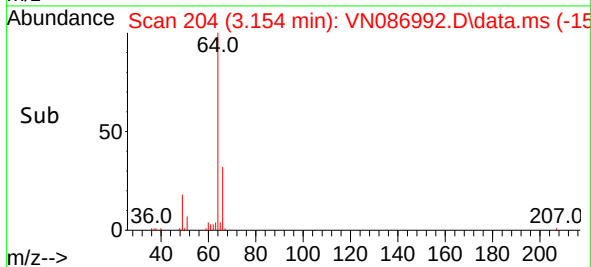
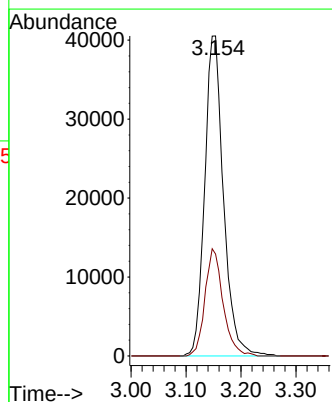
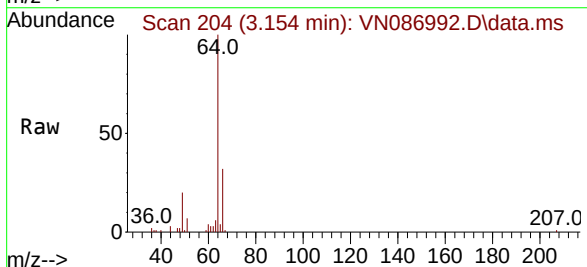
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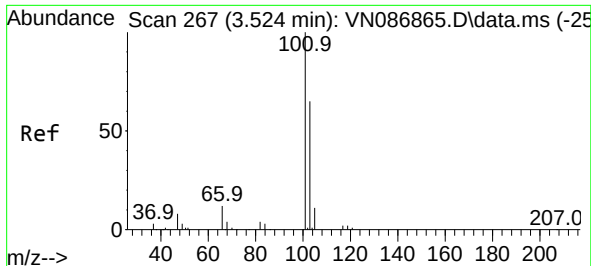
Tgt Ion: 94 Resp: 31603
Ion Ratio Lower Upper
94 100
96 88.9 77.9 116.9



#6
Chloroethane
Concen: 48.084 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 64 Resp: 96111
Ion Ratio Lower Upper
64 100
66 31.9 24.6 36.8

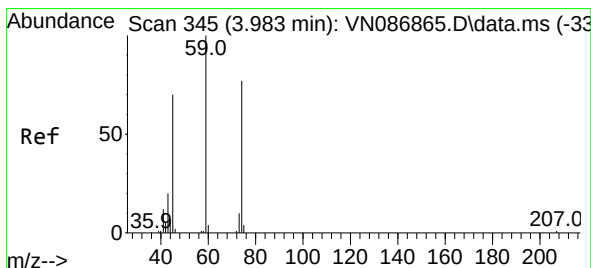
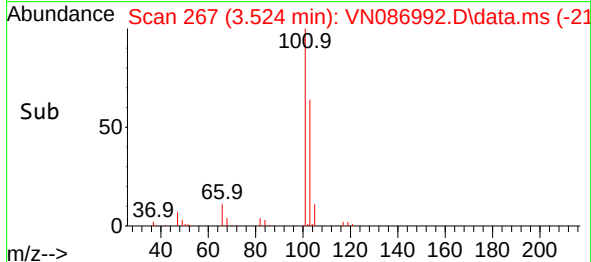
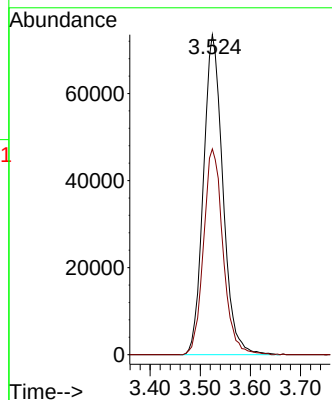
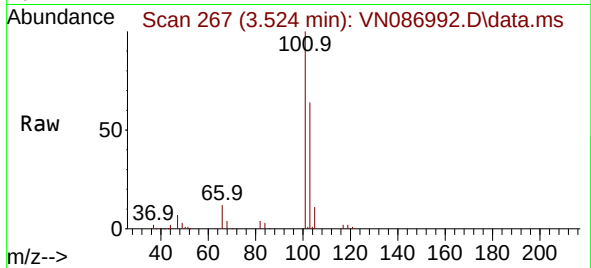




#7
Trichlorofluoromethane
Concen: 49.042 ug/l
RT: 3.524 min Scan# 20
Delta R.T. -0.000 min
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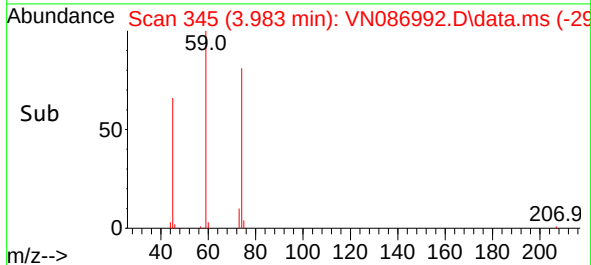
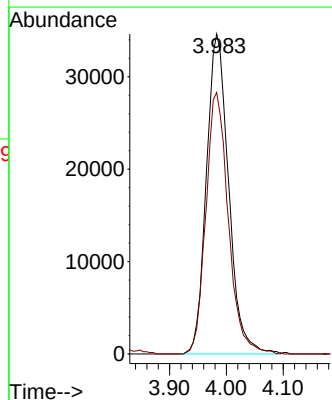
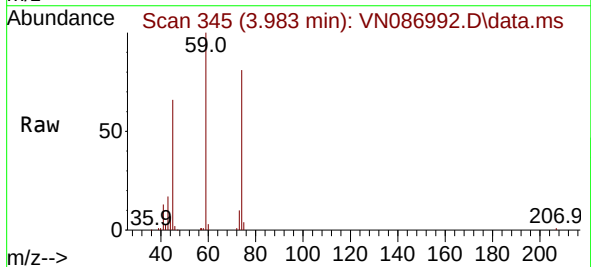
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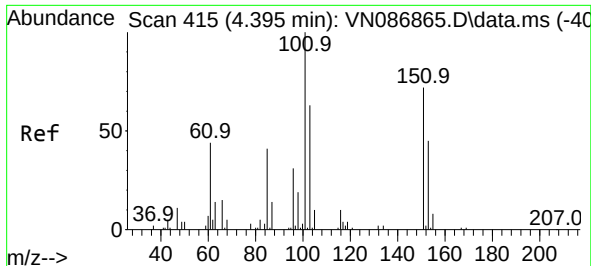
Tgt Ion:101 Resp: 198275
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2



#8
Diethyl Ether
Concen: 53.356 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086992.D
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Tgt Ion: 74 Resp: 93986
Ion Ratio Lower Upper
74 100
45 82.6 45.5 136.5

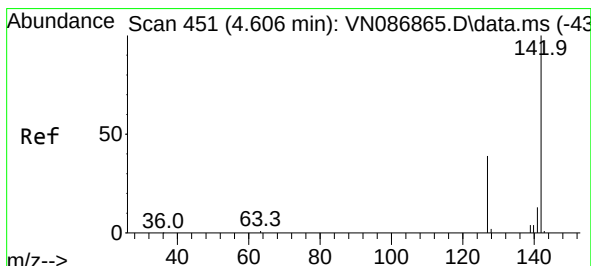
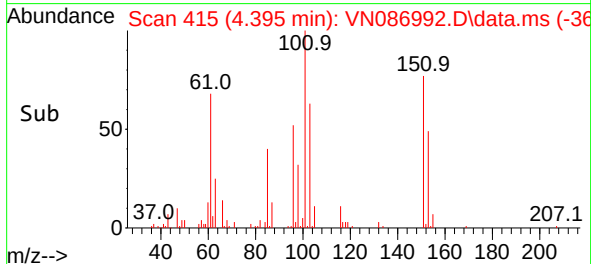
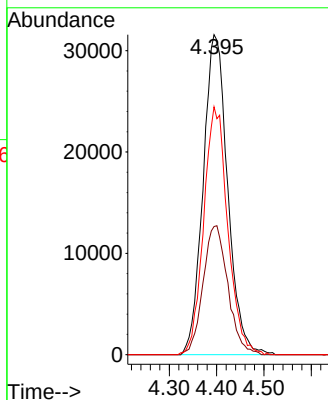
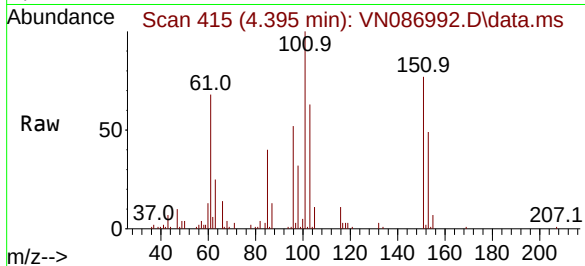




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.801 ug/l
RT: 4.395 min Scan# 415
Delta R.T. -0.000 min
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Acq: 12 Jun 2025 20:48

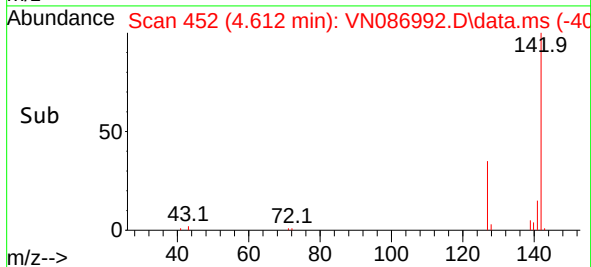
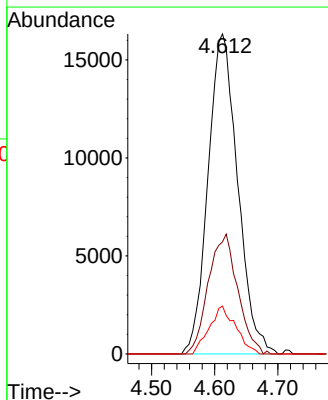
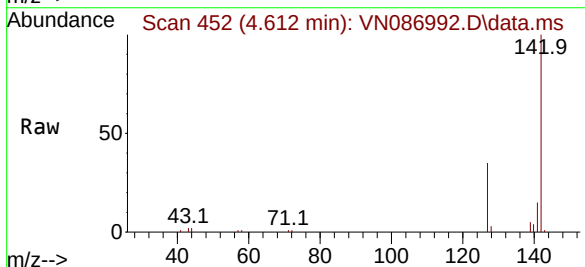
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

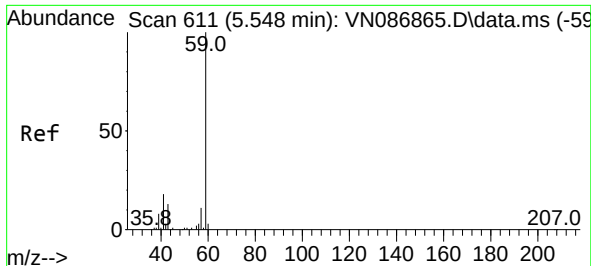
Tgt Ion:101 Resp: 113796
Ion Ratio Lower Upper
101 100
85 40.7 33.8 50.8
151 76.0 58.7 88.1



#10
Methyl Iodide
Concen: 16.188 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion:142 Resp: 53304
Ion Ratio Lower Upper
142 100
127 35.0 30.9 46.3
141 14.9 10.4 15.6

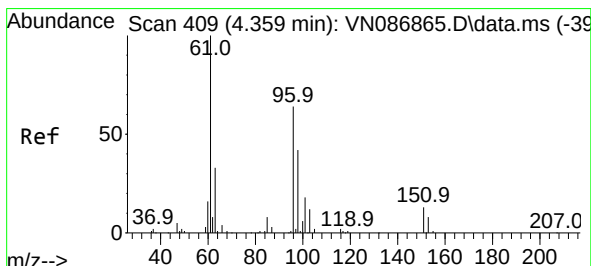
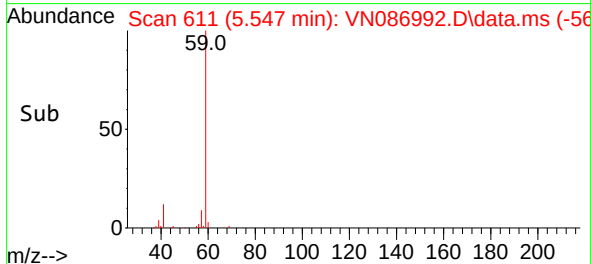
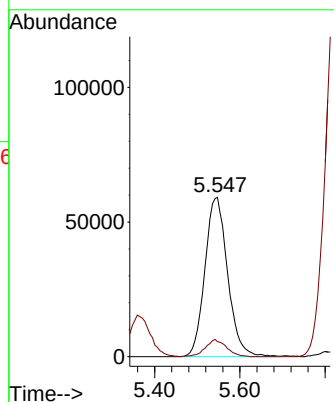
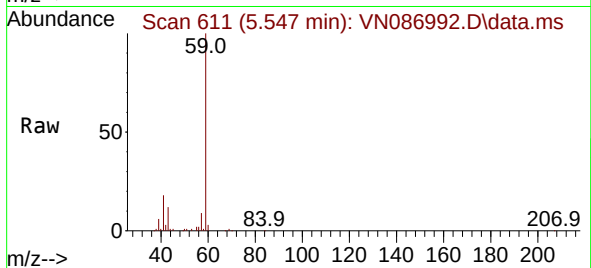




#11
Tert butyl alcohol
Concen: 258.838 ug/l
RT: 5.547 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

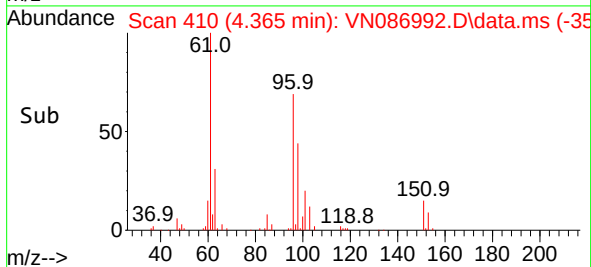
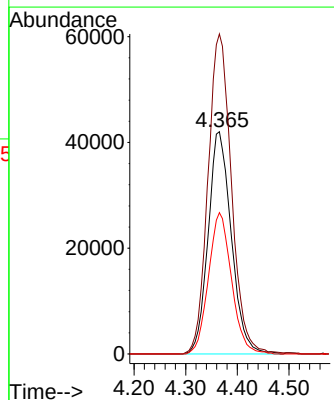
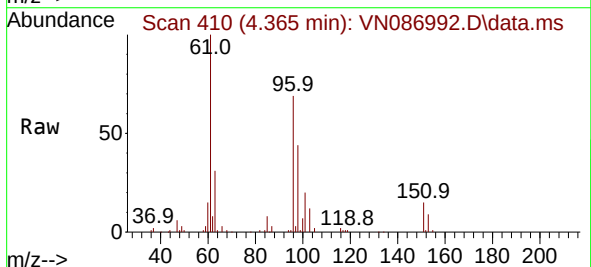
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

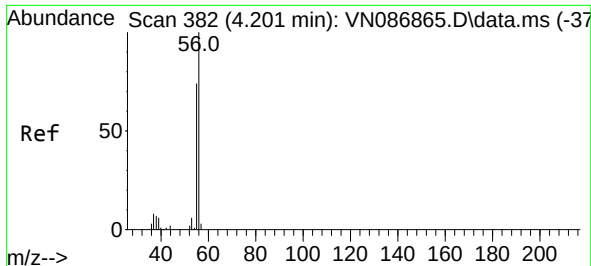
Tgt Ion: 59 Resp: 219086
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 50.501 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

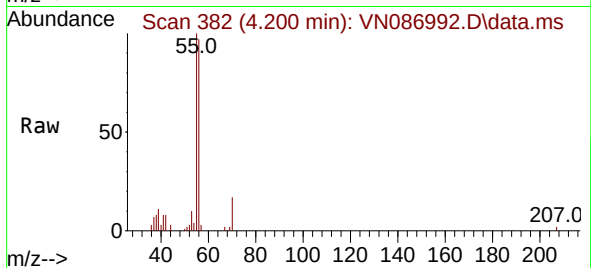
Tgt Ion: 96 Resp: 130958
Ion Ratio Lower Upper
96 100
61 144.0 125.8 188.6
98 63.5 52.5 78.7



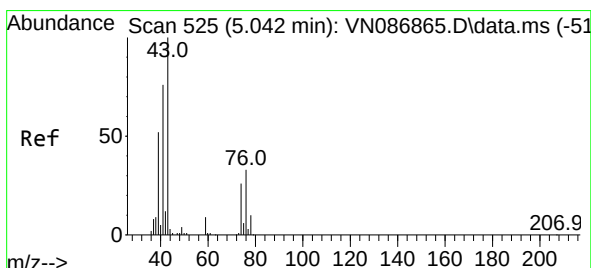
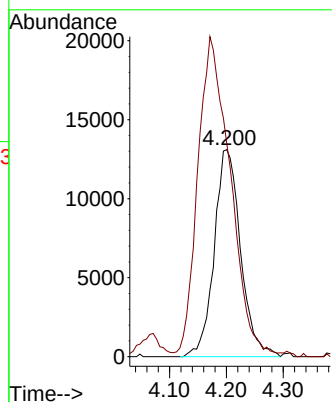
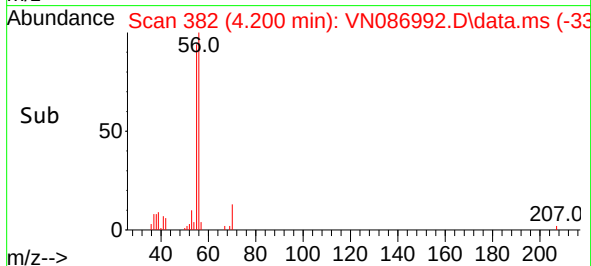


#13
Acrolein
Concen: 157.923 ug/l
RT: 4.200 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

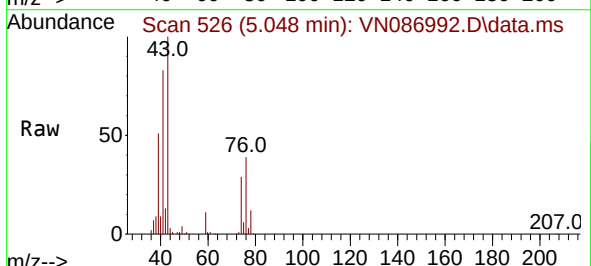
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS



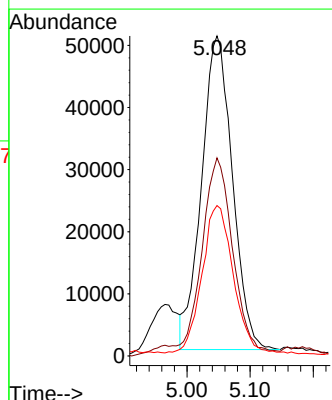
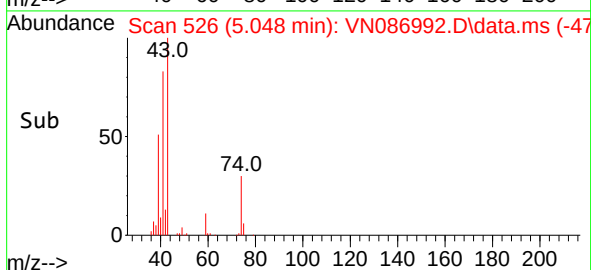
Tgt Ion: 56 Resp: 42311
Ion Ratio Lower Upper
56 100
55 0.0 55.6 83.4#

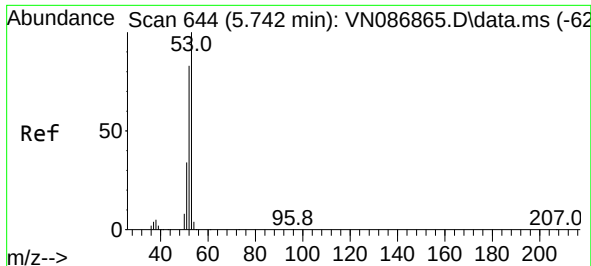


#14
Allyl chloride
Concen: 39.922 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48



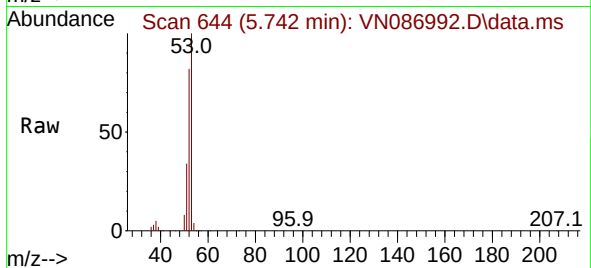
Tgt Ion: 41 Resp: 171692
Ion Ratio Lower Upper
41 100
39 61.2 51.3 76.9
76 49.1 31.4 47.0#



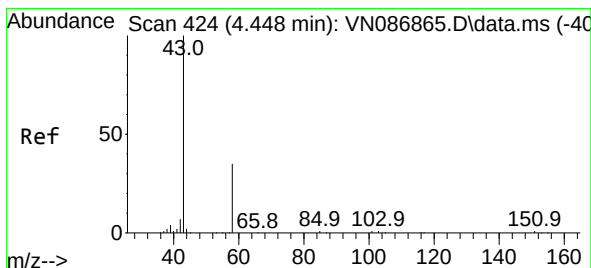
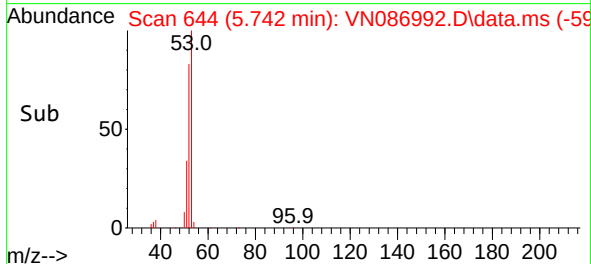
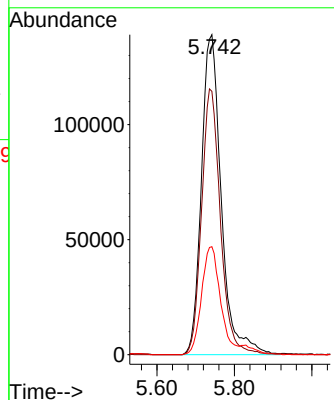


#15
Acrylonitrile
Concen: 250.288 ug/l
RT: 5.742 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

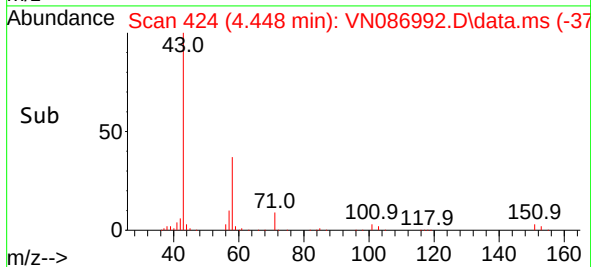
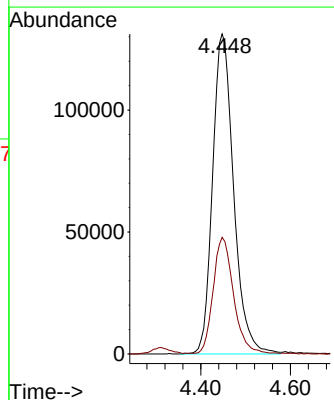
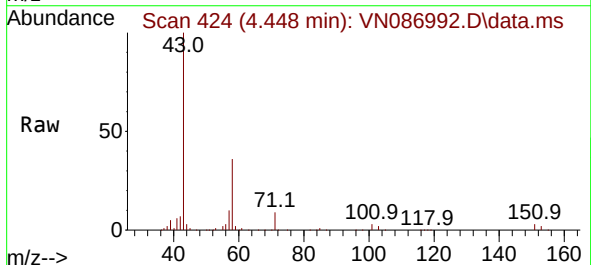


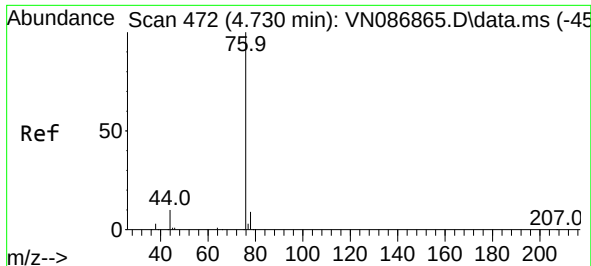
Tgt Ion: 53 Resp: 495167
Ion Ratio Lower Upper
53 100
52 78.7 65.0 97.6
51 32.3 27.2 40.8



#16
Acetone
Concen: 258.800 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 43 Resp: 428120
Ion Ratio Lower Upper
43 100
58 36.3 28.0 42.0

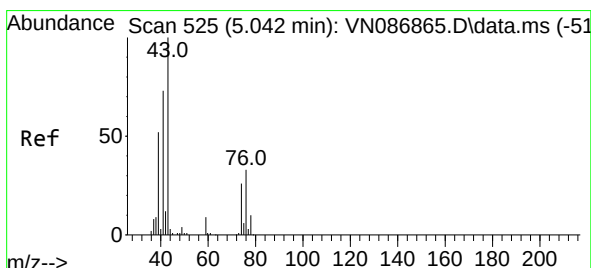
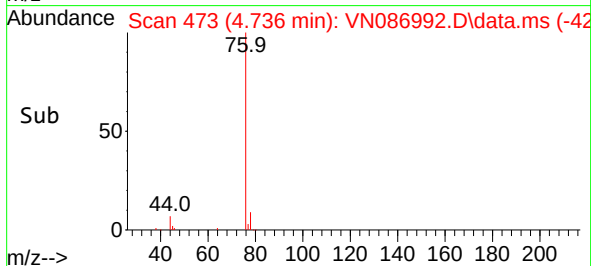
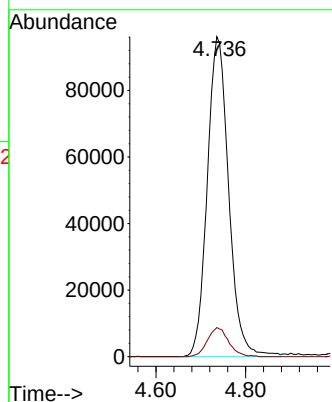
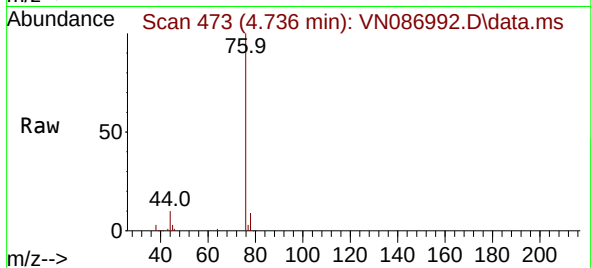




#17
Carbon Disulfide
Concen: 44.494 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

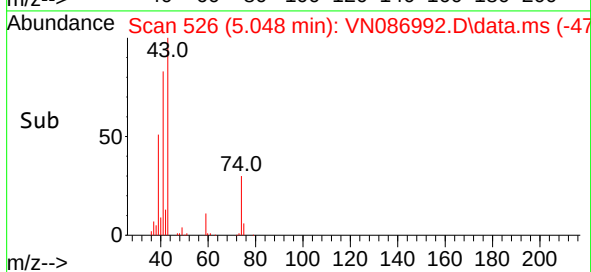
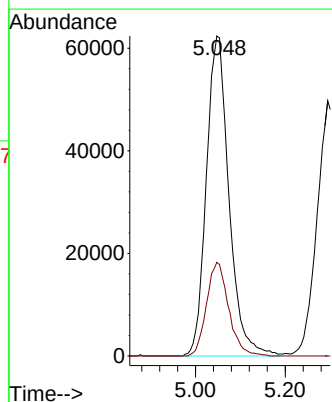
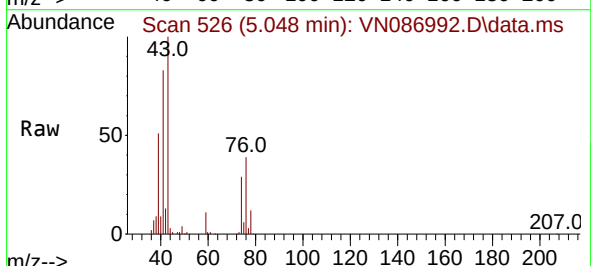
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

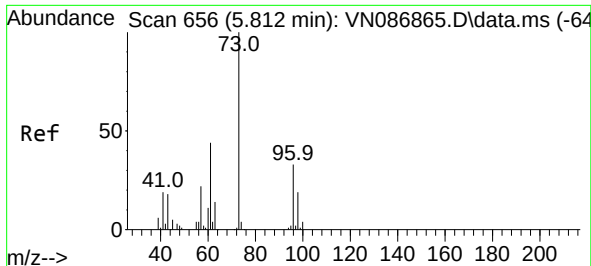
Tgt Ion: 76 Resp: 319157
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 45.292 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 43 Resp: 218341
Ion Ratio Lower Upper
43 100
74 28.6 20.7 31.1

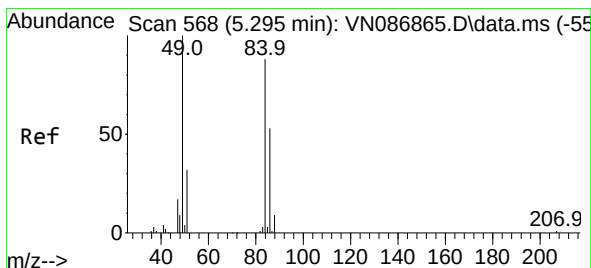
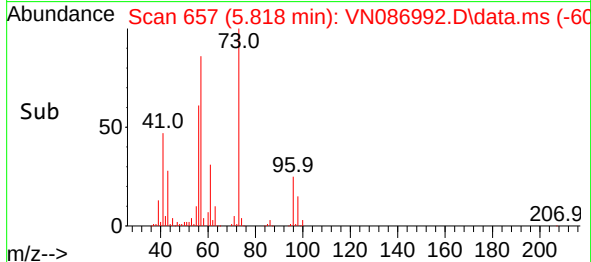
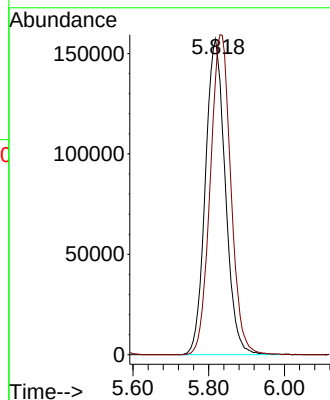
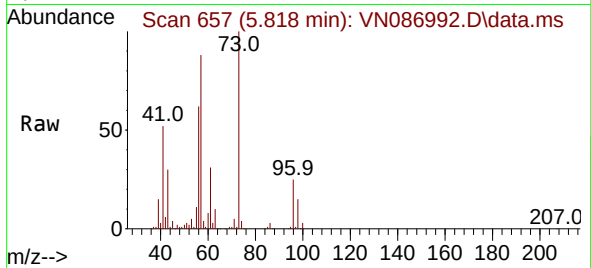




#19
Methyl tert-butyl Ether
Concen: 60.921 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

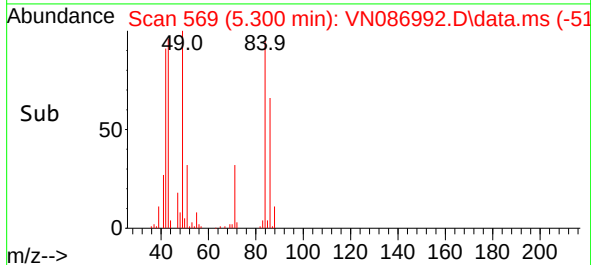
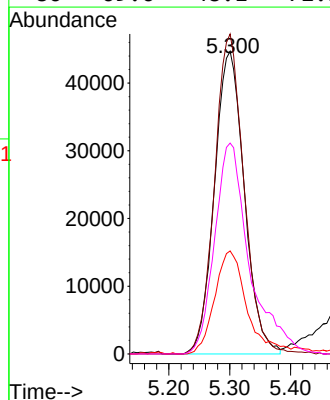
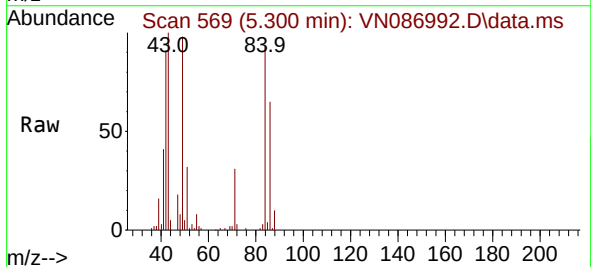
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

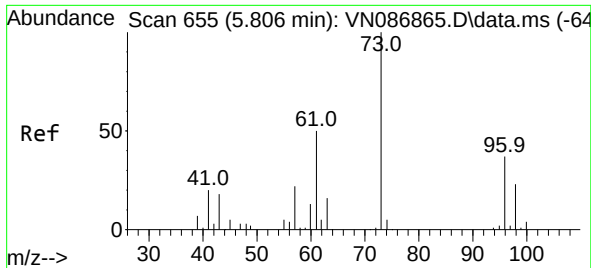
Tgt Ion: 73 Resp: 572010
Ion Ratio Lower Upper
73 100
57 87.6 17.4 26.2#



#20
Methylene Chloride
Concen: 49.179 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 84 Resp: 152310
Ion Ratio Lower Upper
84 100
49 105.7 90.5 135.7
51 34.0 28.5 42.7
86 69.6 48.1 72.1

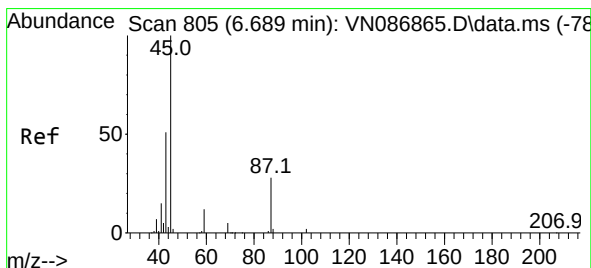
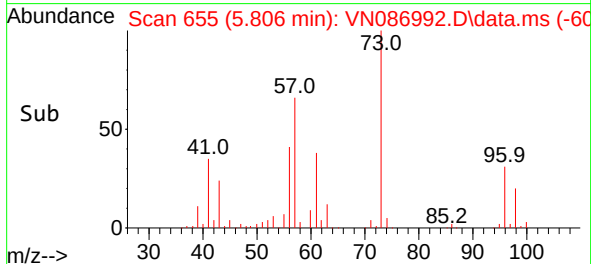
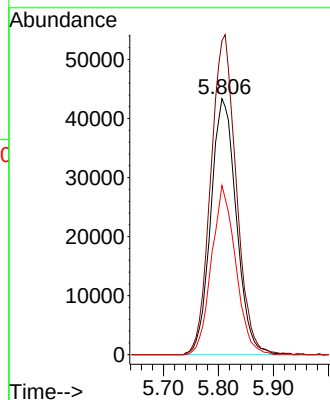
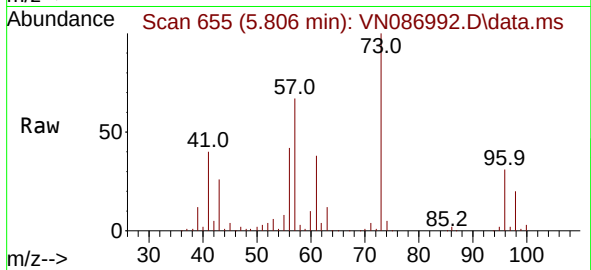




#21
trans-1,2-Dichloroethene
Concen: 48.486 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

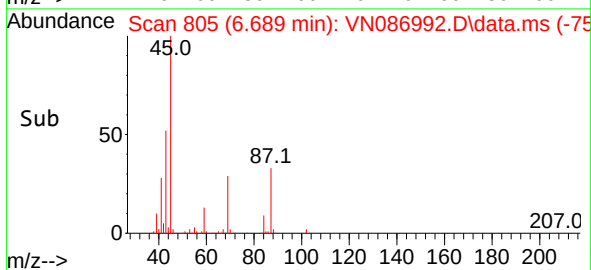
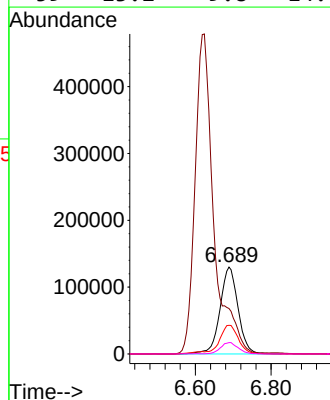
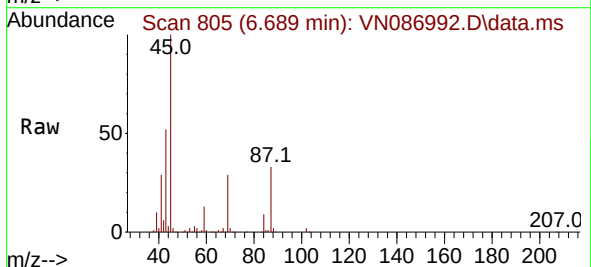
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

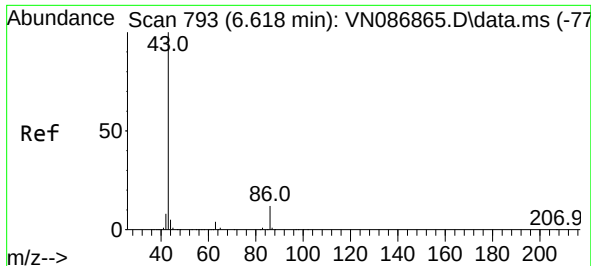
Tgt Ion: 96 Resp: 139888
Ion Ratio Lower Upper
96 100
61 122.7 109.2 163.8
98 66.0 49.8 74.8



#22
Diisopropyl ether
Concen: 47.473 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 45 Resp: 430366
Ion Ratio Lower Upper
45 100
43 51.3 41.9 62.9
87 32.9 22.4 33.6
59 13.2 9.8 14.6

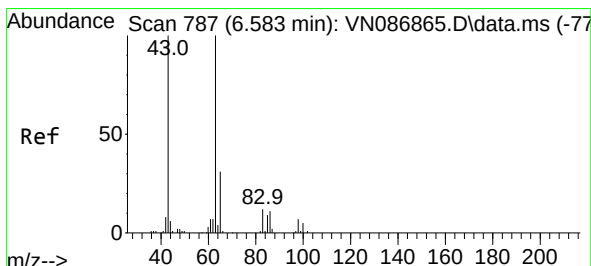
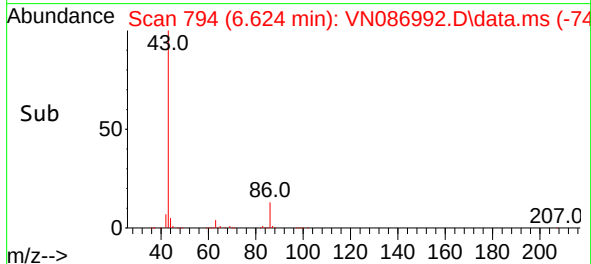
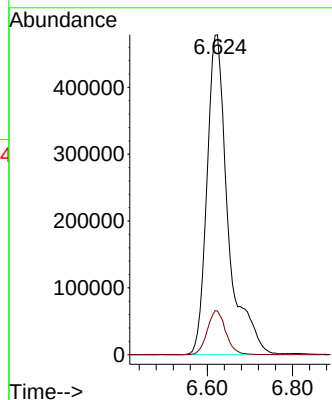
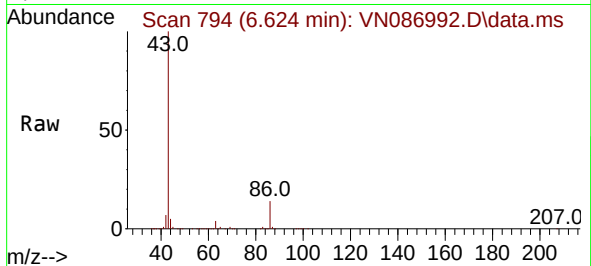




#23
 Vinyl Acetate
 Concen: 214.367 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.006 min
 Lab File: VN086992.D
 Acq: 12 Jun 2025 20:48

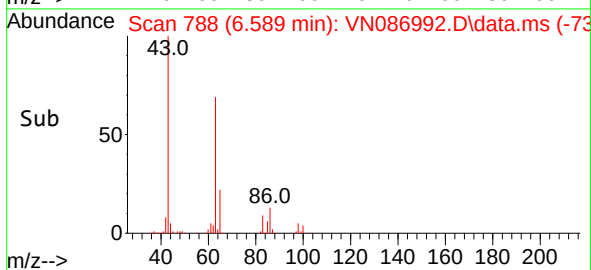
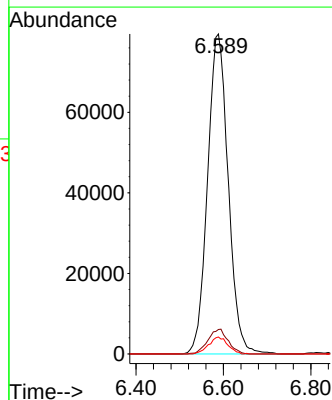
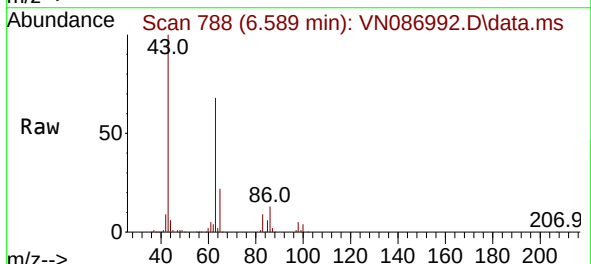
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605MS

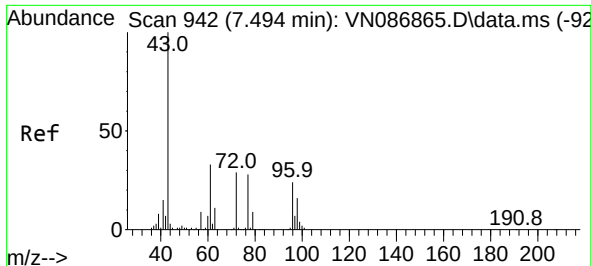
Tgt Ion: 43 Resp: 1641904
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 49.956 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086992.D
 Acq: 12 Jun 2025 20:48

Tgt Ion: 63 Resp: 260618
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 5.3 2.6 7.8

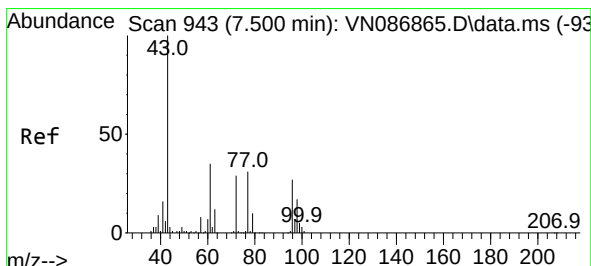
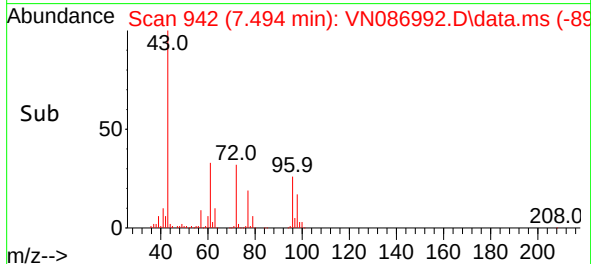
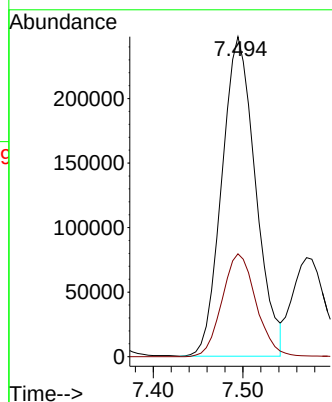
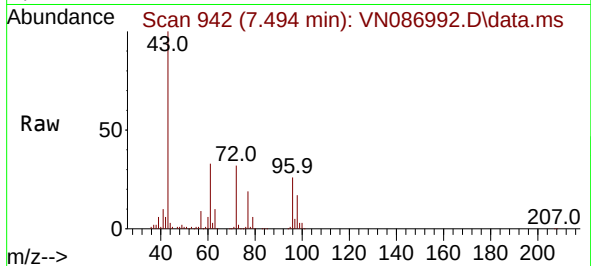




#25
2-Butanone
Concen: 240.806 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

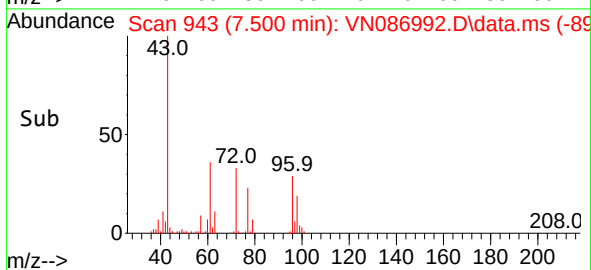
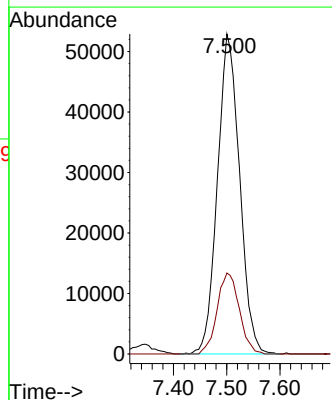
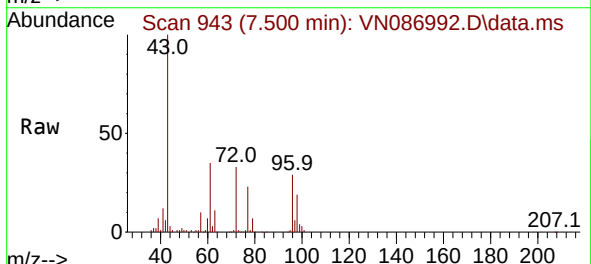
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

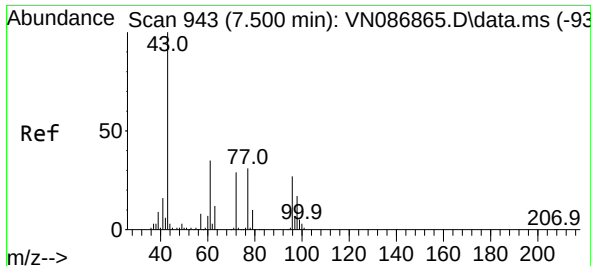
Tgt Ion: 43 Resp: 647510
Ion Ratio Lower Upper
43 100
72 32.2 23.0 34.6



#26
2,2-Dichloropropane
Concen: 37.635 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 77 Resp: 152729
Ion Ratio Lower Upper
77 100
97 25.3 11.6 34.7

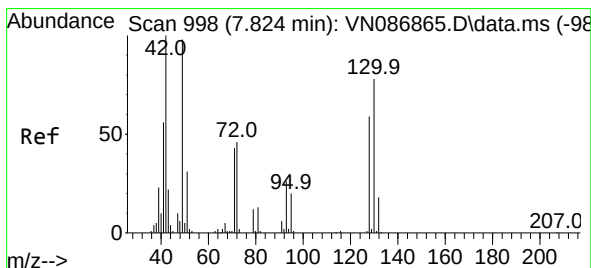
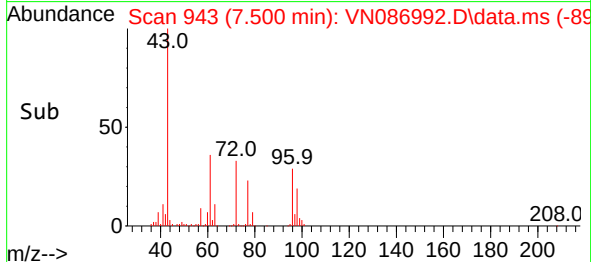
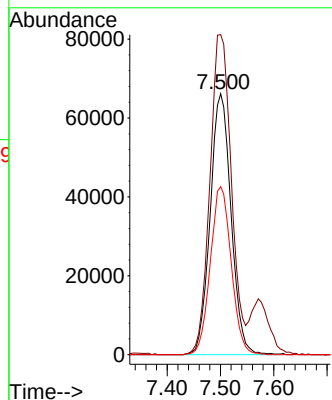
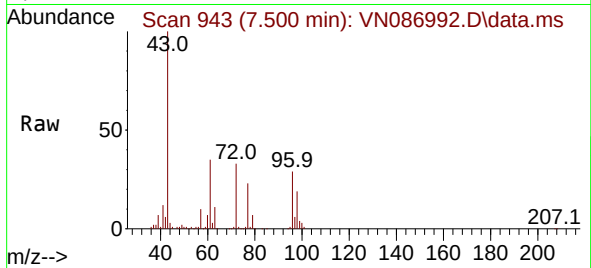




#27
 cis-1,2-Dichloroethene
 Concen: 52.287 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086992.D
 Acq: 12 Jun 2025 20:48

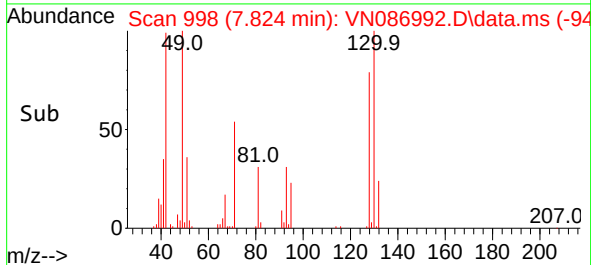
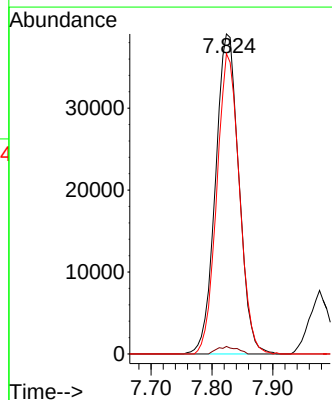
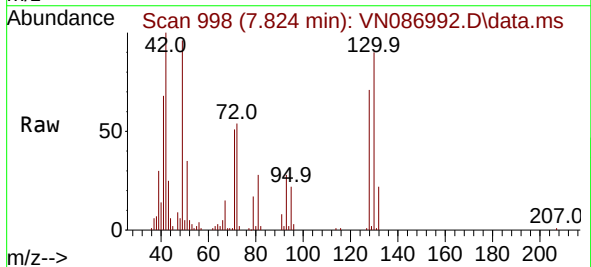
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20250605MS

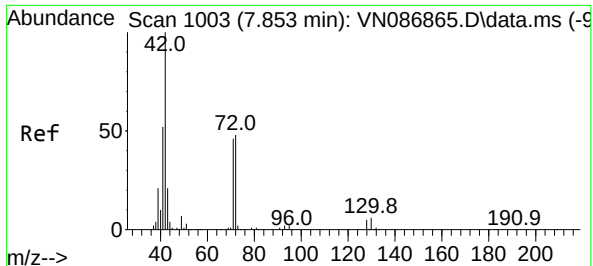
Tgt Ion: 96 Resp: 180414
 Ion Ratio Lower Upper
 96 100
 61 125.9 0.0 278.0
 98 64.4 0.0 128.2



#28
 Bromochloromethane
 Concen: 40.675 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086992.D
 Acq: 12 Jun 2025 20:48

Tgt Ion: 49 Resp: 104333
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 90.6 62.2 93.2

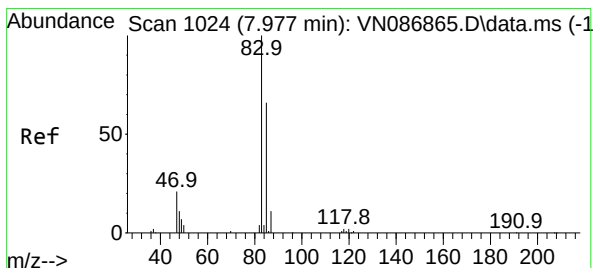
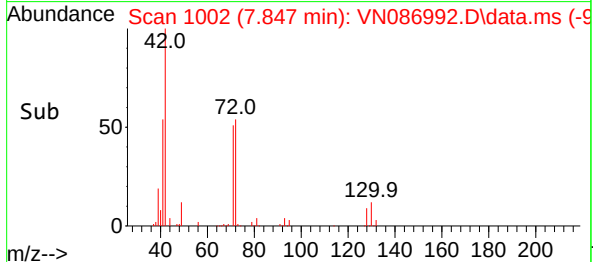
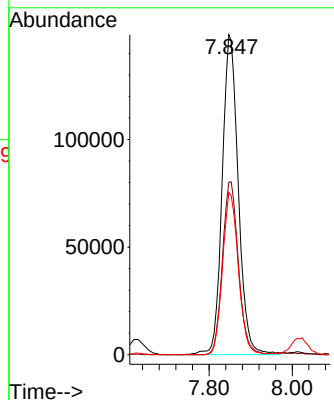
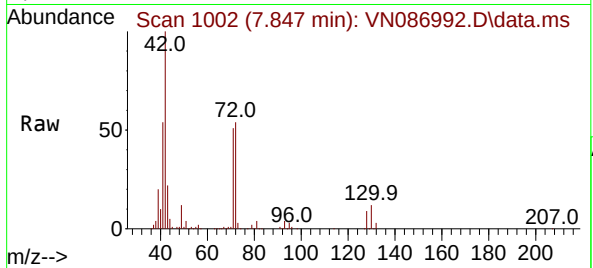




#29
Tetrahydrofuran
Concen: 228.548 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

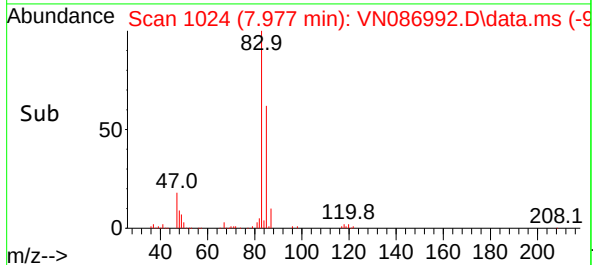
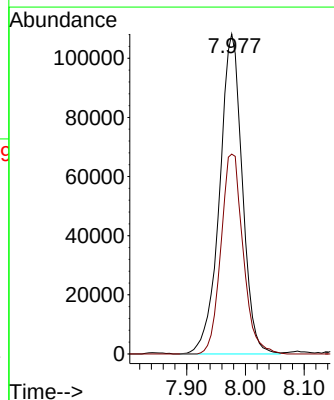
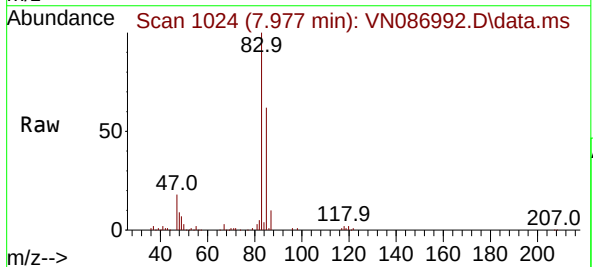
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

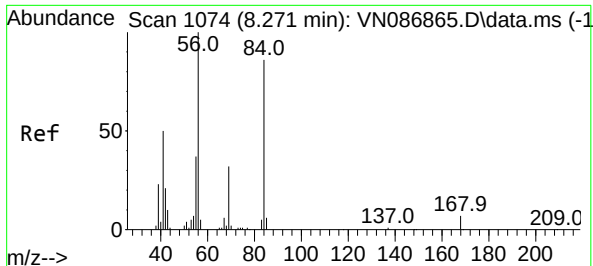
Tgt Ion: 42 Resp: 400335
Ion Ratio Lower Upper
42 100
72 53.7 37.8 56.6
71 49.5 35.6 53.4



#30
Chloroform
Concen: 55.814 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 83 Resp: 290791
Ion Ratio Lower Upper
83 100
85 62.4 52.9 79.3

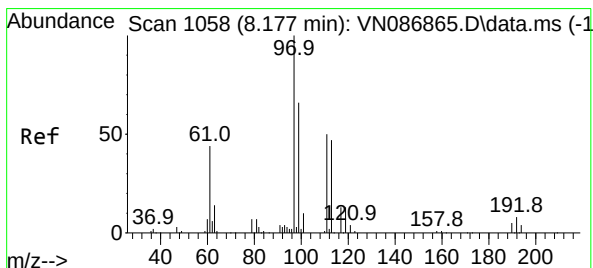
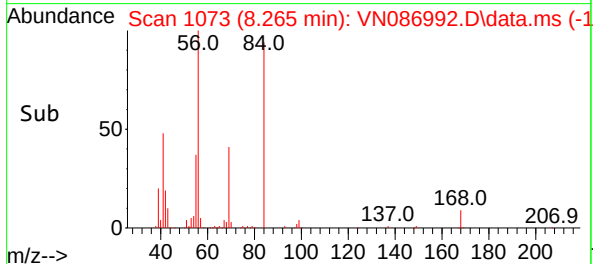
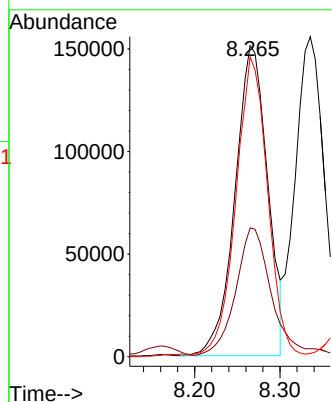
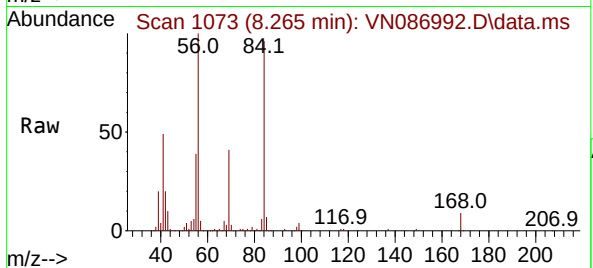




#31
Cyclohexane
Concen: 79.342 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

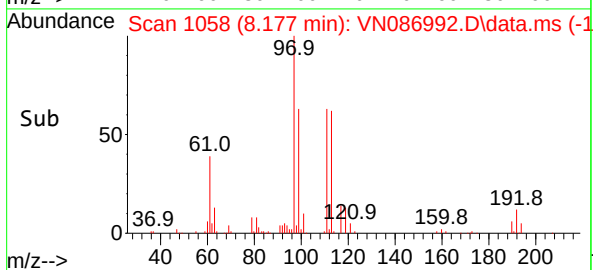
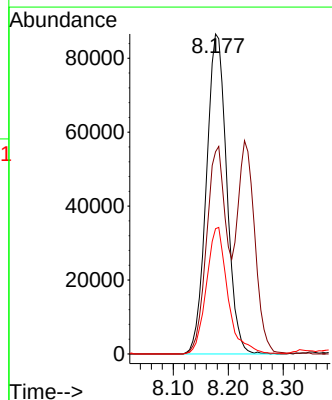
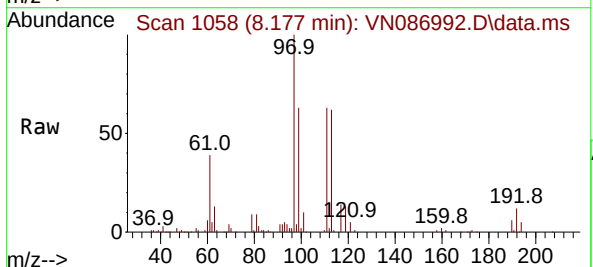
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

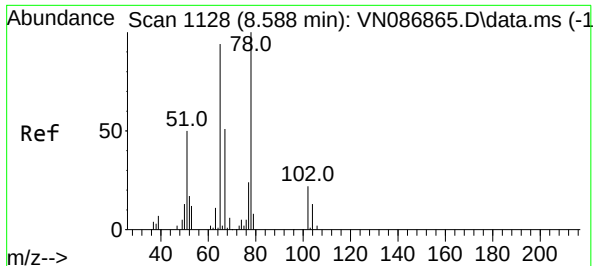
Tgt Ion: 56 Resp: 401420
Ion Ratio Lower Upper
56 100
69 39.9 25.4 38.0#
84 95.9 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 50.197 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 97 Resp: 222435
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 41.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.298 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

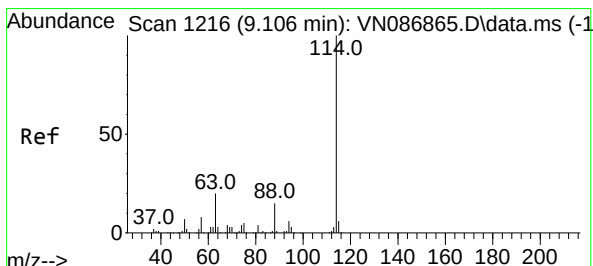
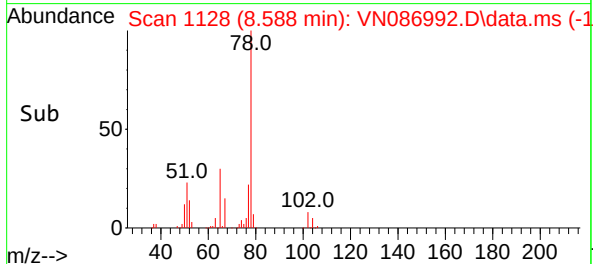
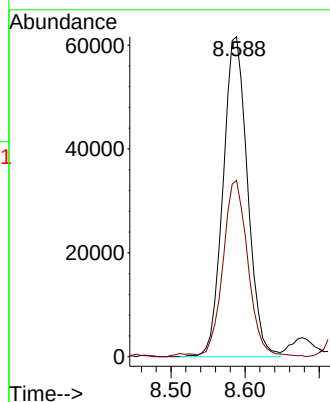
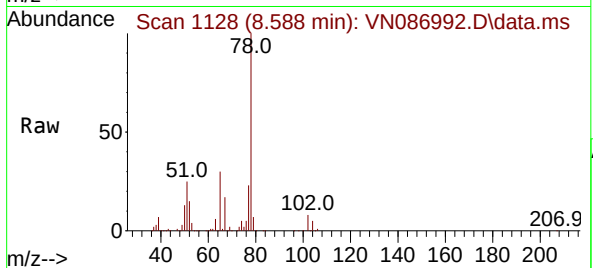
MW-2-20250605MS

Tgt Ion: 65 Resp: 141302

Ion Ratio Lower Upper

65 100

67 56.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

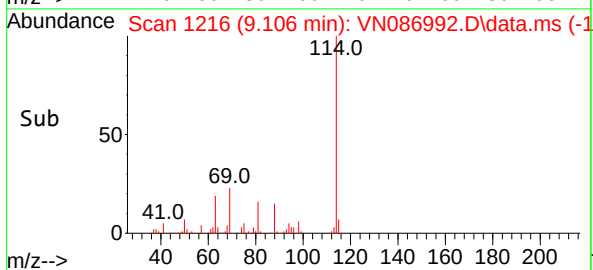
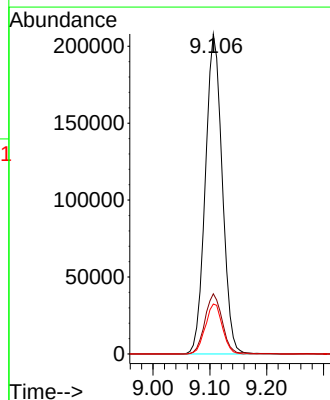
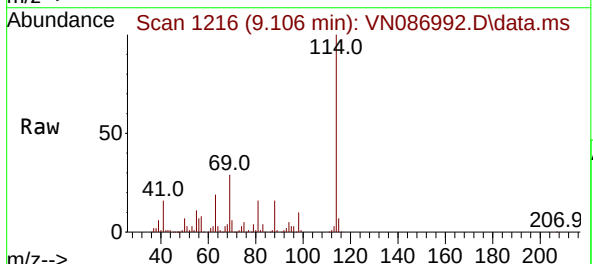
Tgt Ion: 114 Resp: 427205

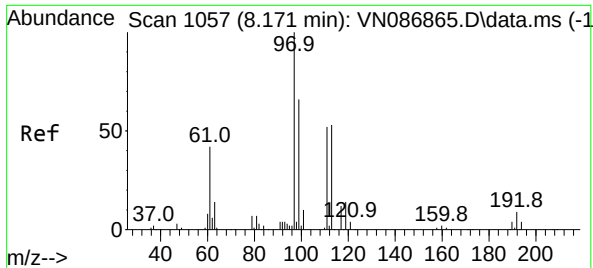
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.6 0.0 30.2

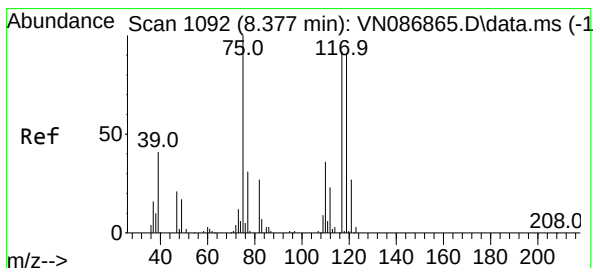
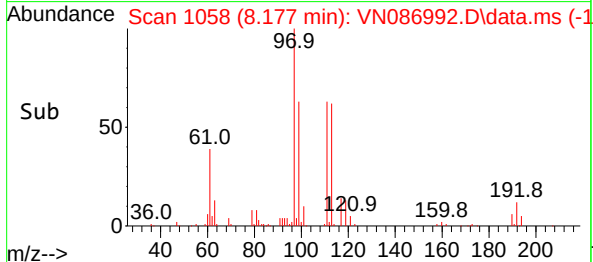
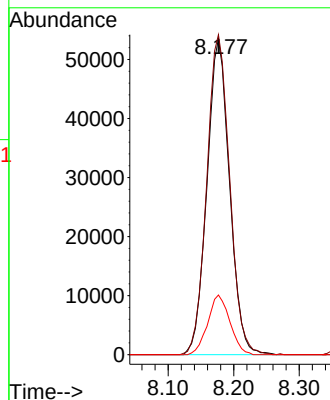
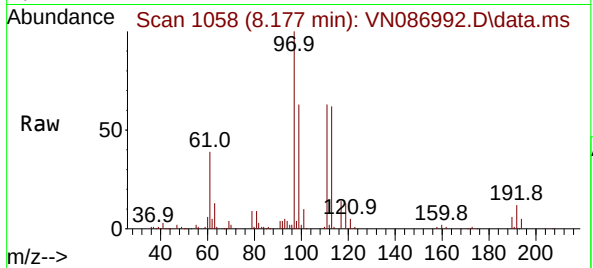




#35
Dibromofluoromethane
Concen: 50.501 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

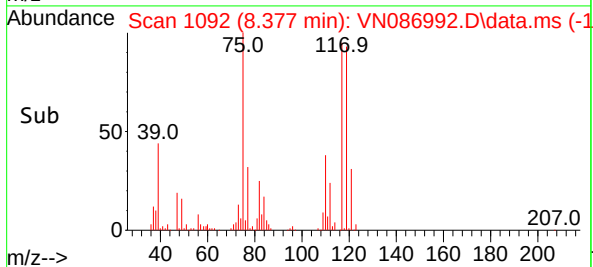
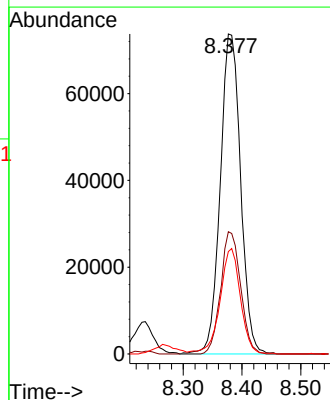
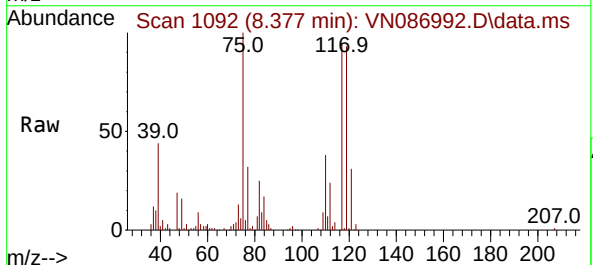
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

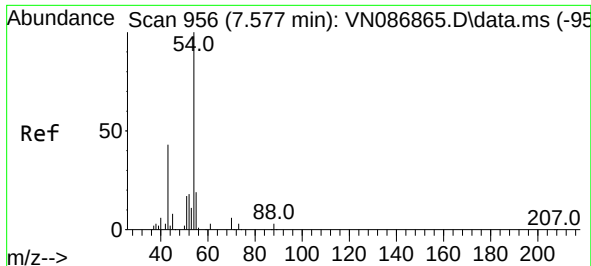
Tgt Ion:113 Resp: 127855
Ion Ratio Lower Upper
113 100
111 103.0 84.2 126.2
192 18.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 47.031 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 75 Resp: 177427
Ion Ratio Lower Upper
75 100
110 37.3 17.6 52.9
77 33.0 25.3 37.9

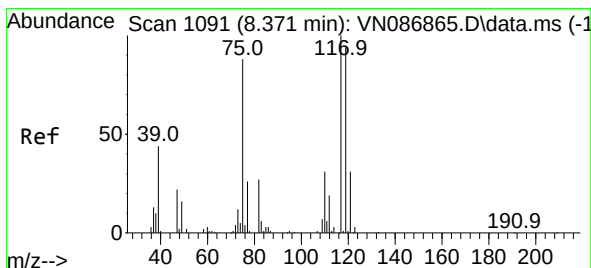
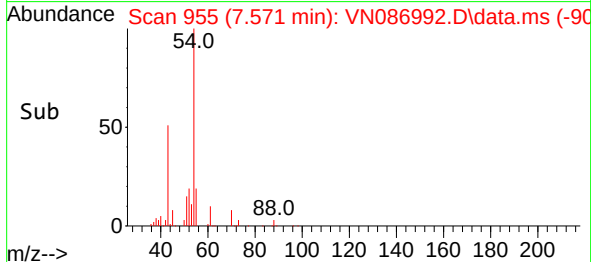
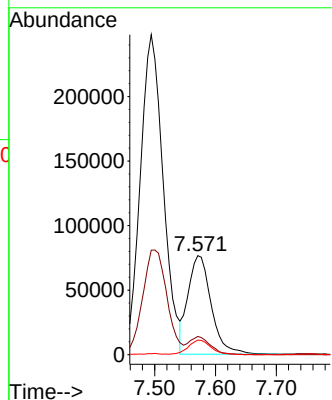
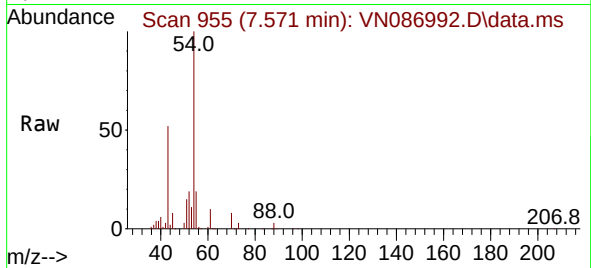




#37
Ethyl Acetate
Concen: 42.117 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

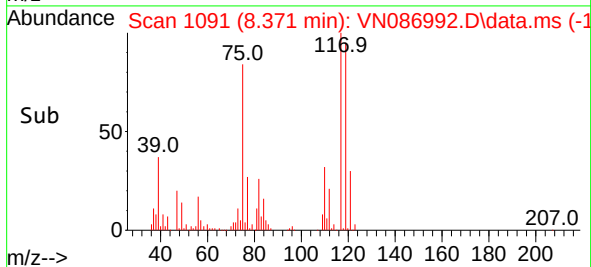
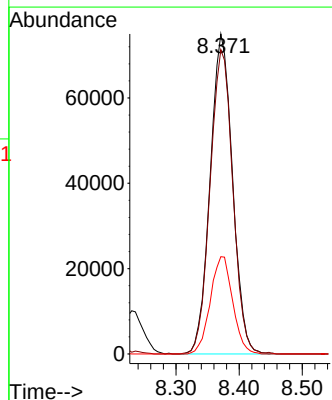
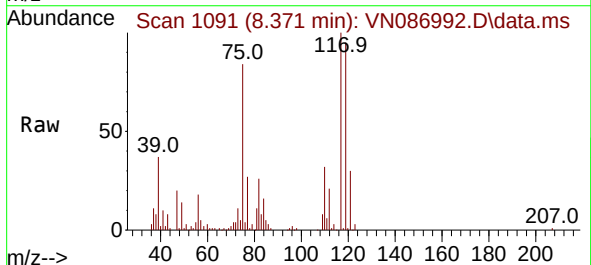
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

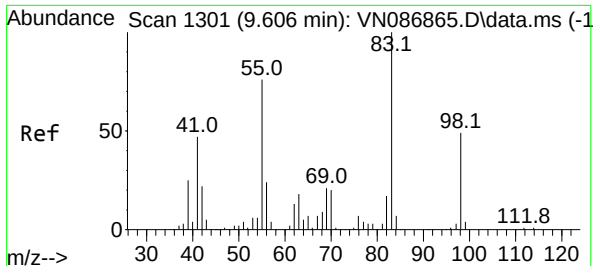
Tgt Ion: 43 Resp: 202261
Ion Ratio Lower Upper
43 100
61 17.0 12.1 18.1
70 14.4 9.8 14.6



#38
Carbon Tetrachloride
Concen: 49.869 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 117 Resp: 184700
Ion Ratio Lower Upper
117 100
119 95.1 75.0 112.6
121 30.4 24.9 37.3





#39

Methylcyclohexane

Concen: 83.136 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MS

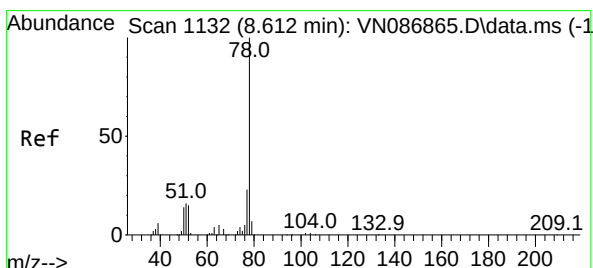
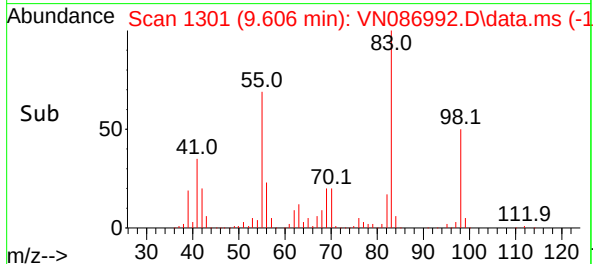
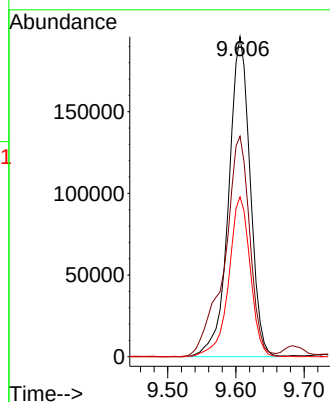
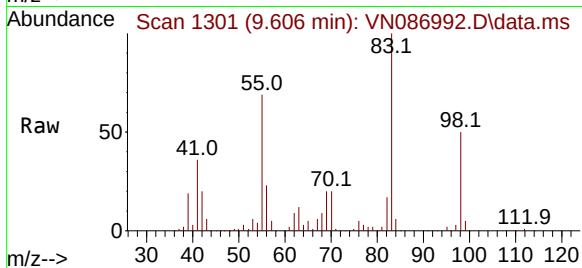
Tgt Ion: 83 Resp: 429688

Ion Ratio Lower Upper

83 100

55 68.9 61.0 91.6

98 49.9 38.9 58.3



#40

Benzene

Concen: 162.820 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086992.D

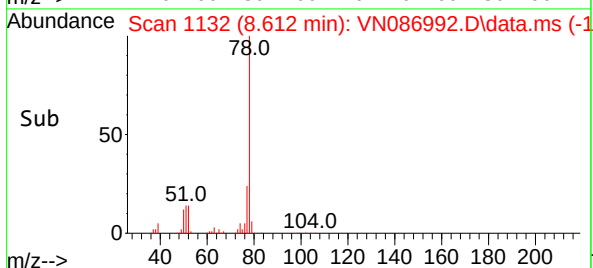
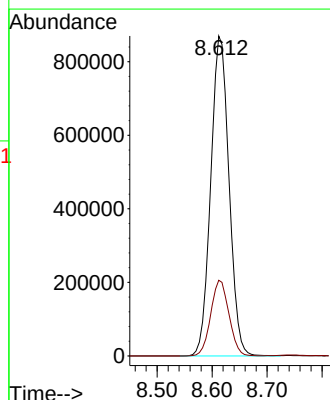
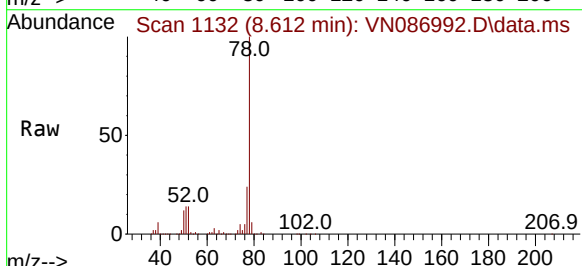
Acq: 12 Jun 2025 20:48

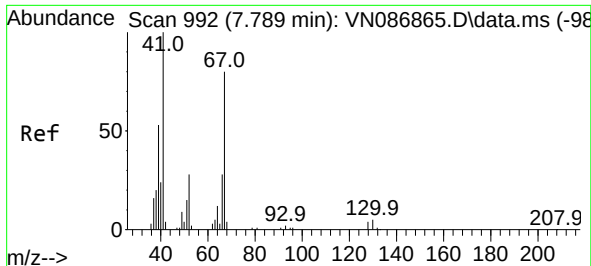
Tgt Ion: 78 Resp: 2008592

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1

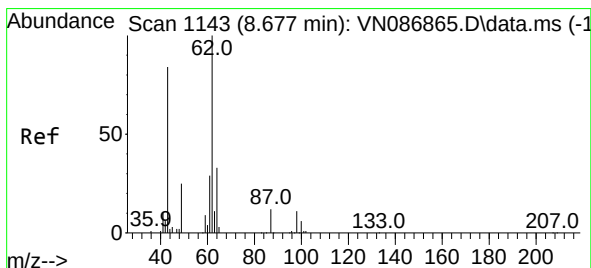
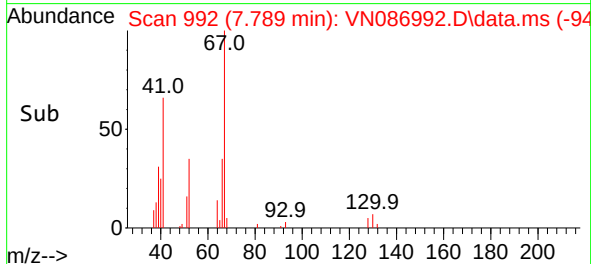
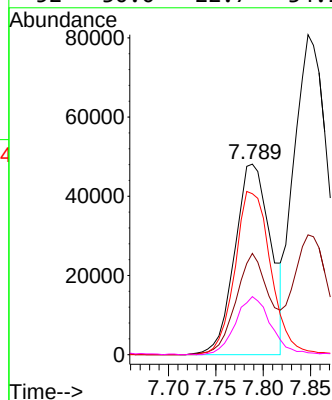
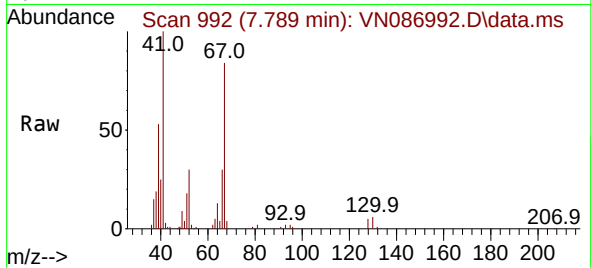




#41
Methacrylonitrile
Concen: 47.325 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

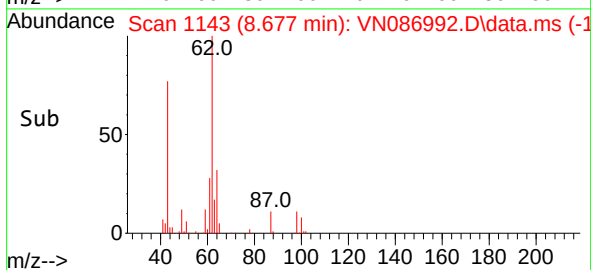
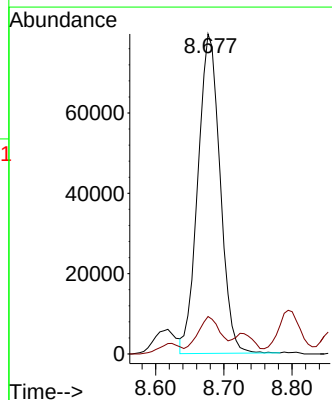
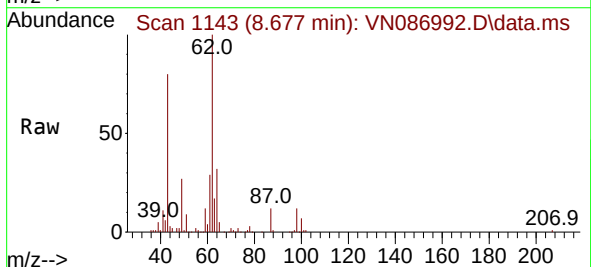
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

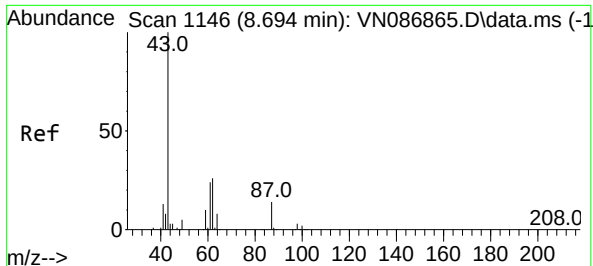
Tgt Ion:	41	Resp:	127639
Ion	Ratio	Lower	Upper
41	100		
39	49.9	41.2	61.8
67	85.8	61.4	92.2
52	30.0	22.7	34.1



#42
1,2-Dichloroethane
Concen: 47.997 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion:	62	Resp:	179592
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	21.2

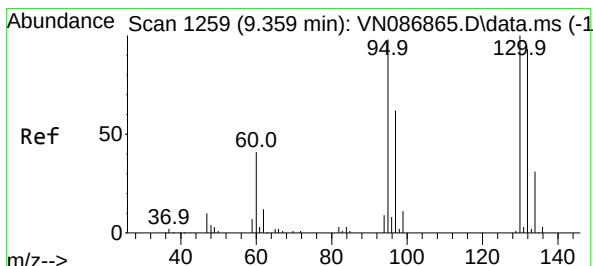
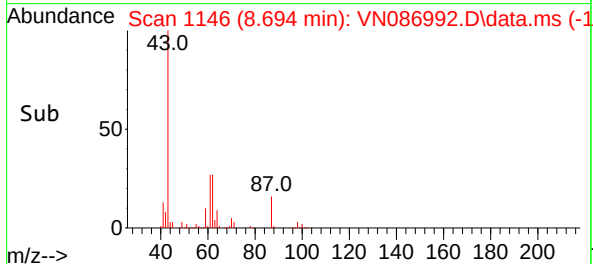
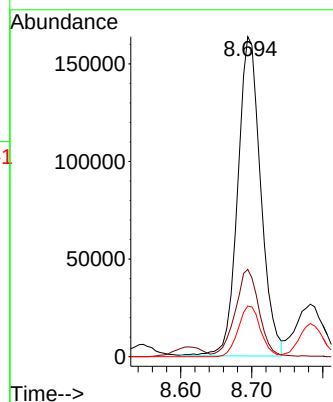
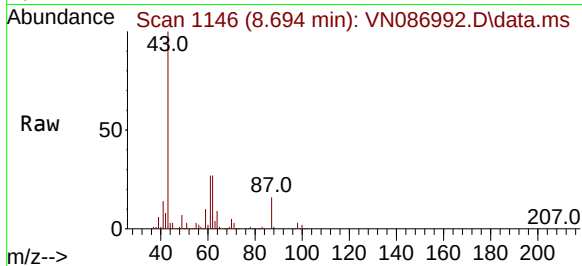




#43
Isopropyl Acetate
Concen: 47.747 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

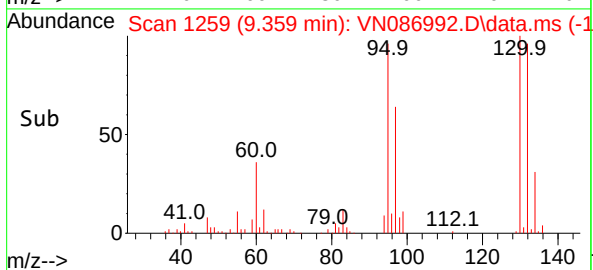
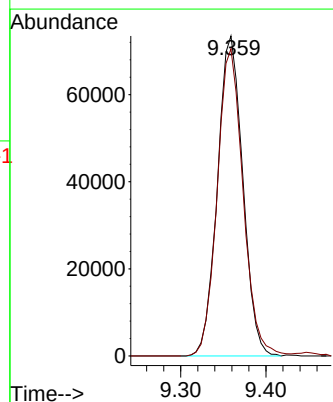
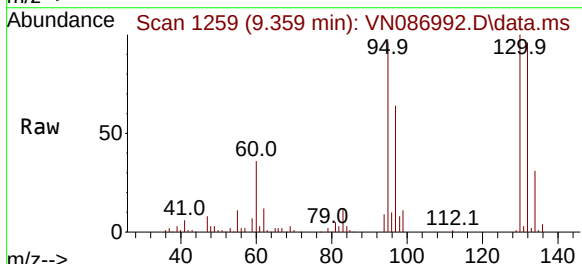
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

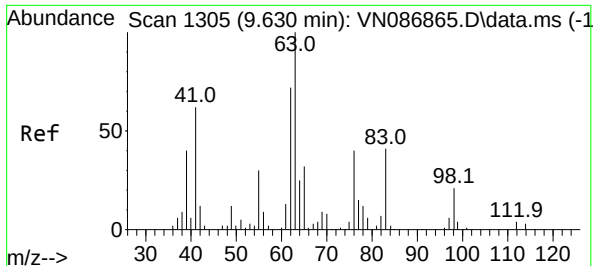
Tgt Ion: 43 Resp: 368031
Ion Ratio Lower Upper
43 100
61 28.1 22.1 33.1
87 15.5 11.8 17.6



#44
Trichloroethene
Concen: 51.951 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 130 Resp: 151965
Ion Ratio Lower Upper
130 100
95 95.9 0.0 196.2





#45

1,2-Dichloropropane

Concen: 49.976 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

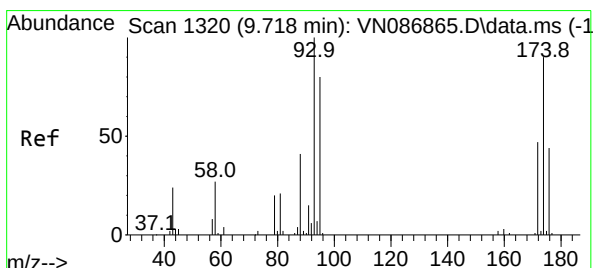
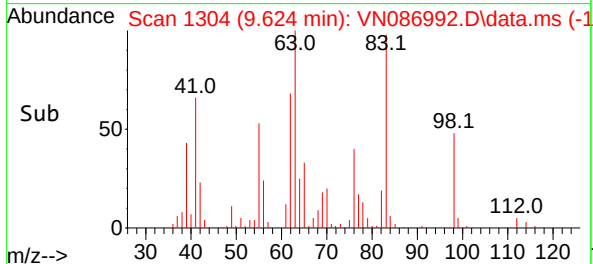
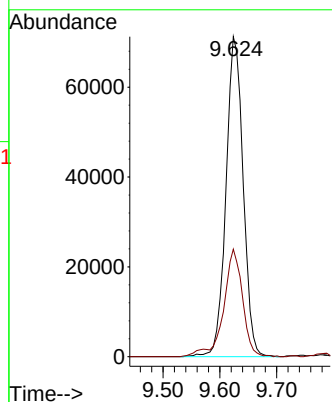
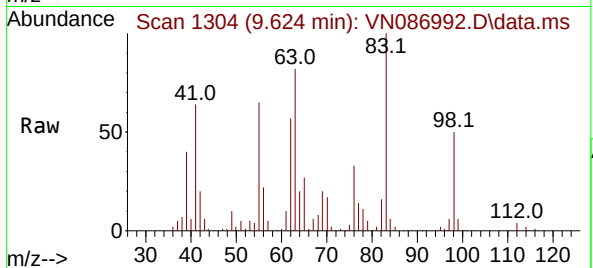
MW-2-20250605MS

Tgt Ion: 63 Resp: 149989

Ion Ratio Lower Upper

63 100

65 33.6 25.5 38.3



#46

Dibromomethane

Concen: 52.535 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

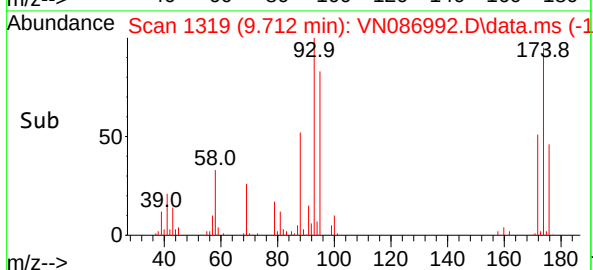
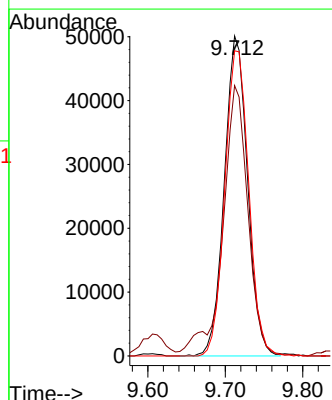
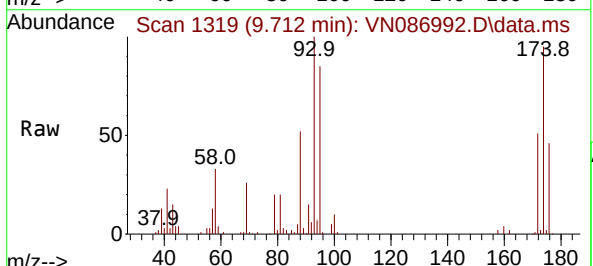
Tgt Ion: 93 Resp: 104726

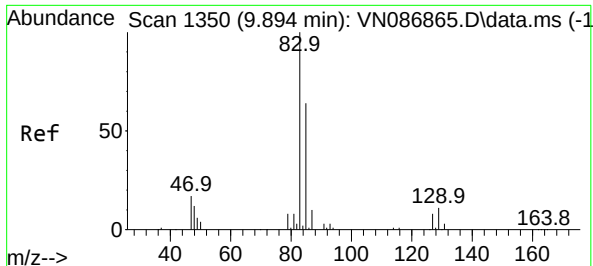
Ion Ratio Lower Upper

93 100

95 91.5 67.1 100.7

174 98.3 74.2 111.4

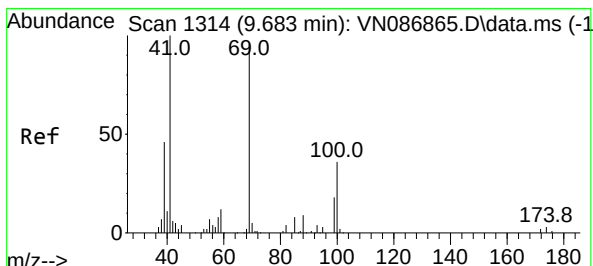
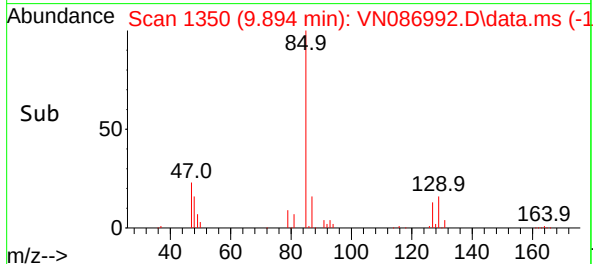
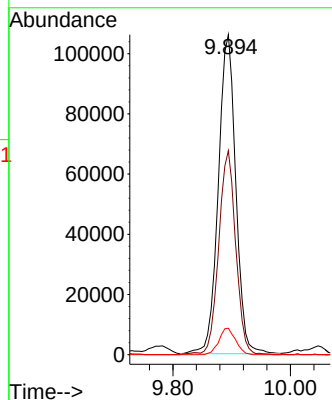
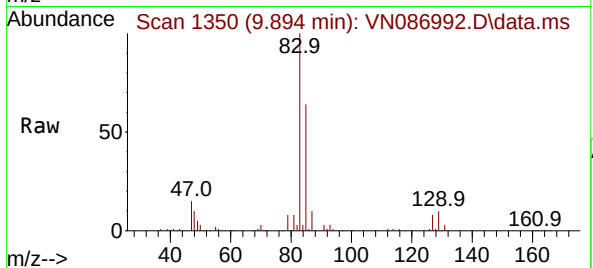




#47
Bromodichloromethane
Concen: 53.361 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

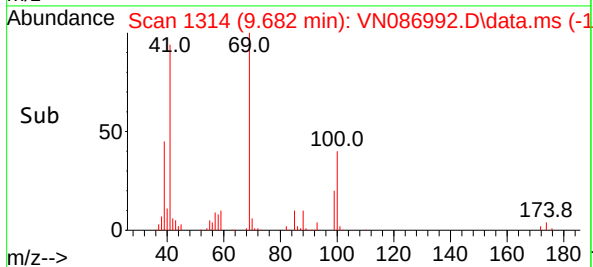
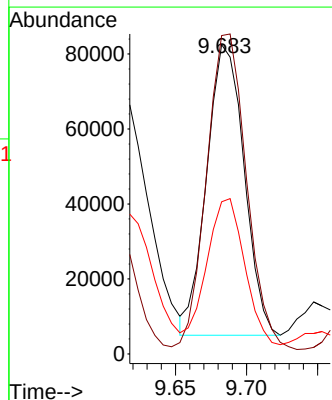
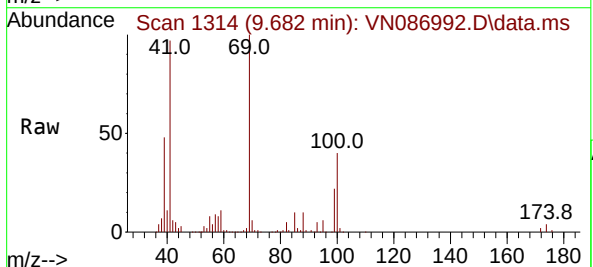
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

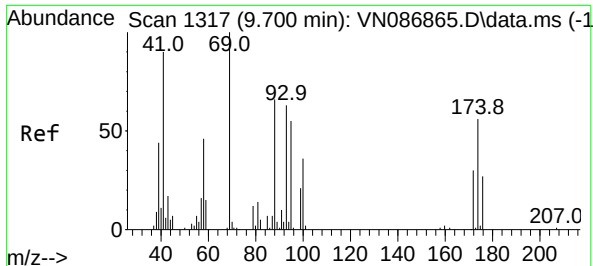
Tgt Ion: 83 Resp: 218861
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 40.013 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 41 Resp: 141952
Ion Ratio Lower Upper
41 100
69 118.9 74.6 112.0#
39 50.6 40.2 60.4





#49

1,4-Dioxane

Concen: 1128.338 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MS

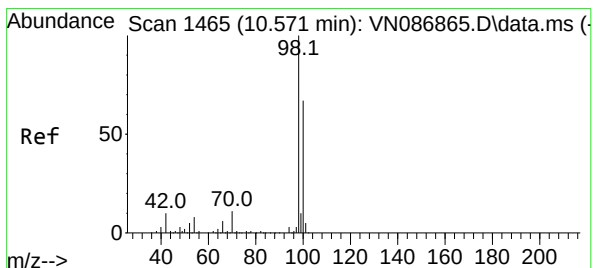
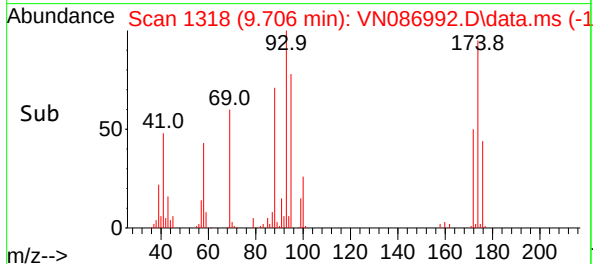
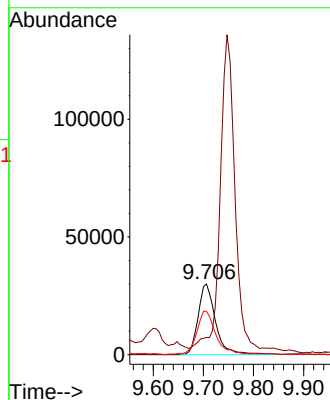
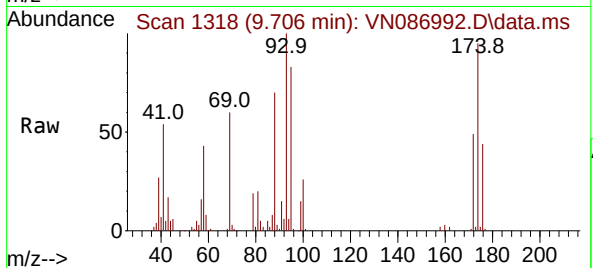
Tgt Ion: 88 Resp: 72823

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.9 57.7 86.5



#50

Toluene-d8

Concen: 47.457 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086992.D

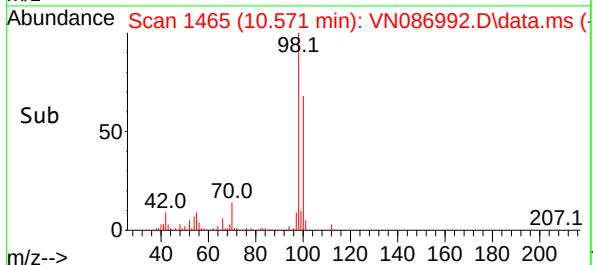
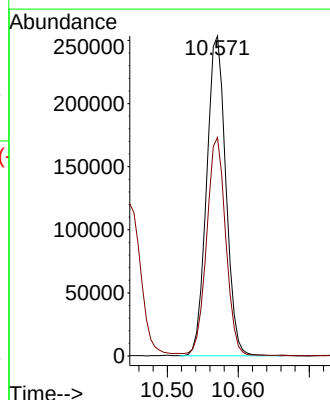
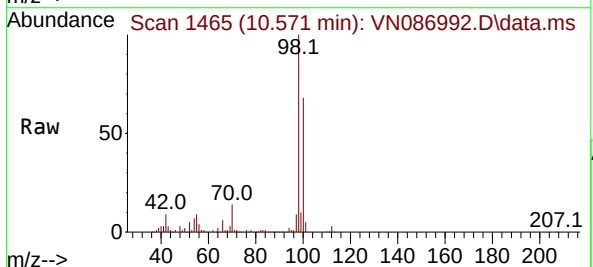
Acq: 12 Jun 2025 20:48

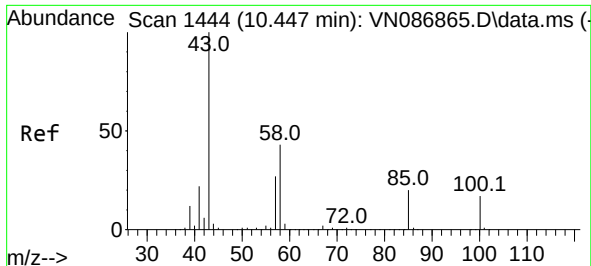
Tgt Ion: 98 Resp: 475637

Ion Ratio Lower Upper

98 100

100 67.8 53.4 80.0

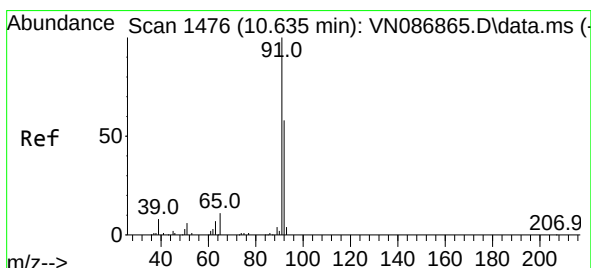
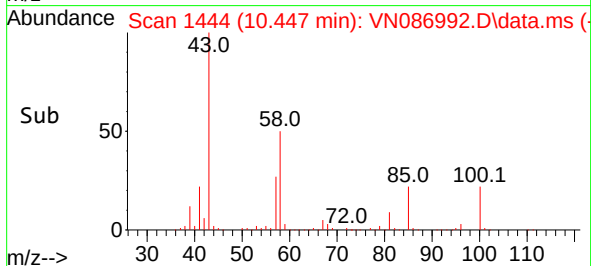
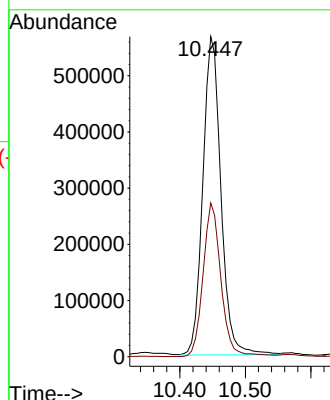
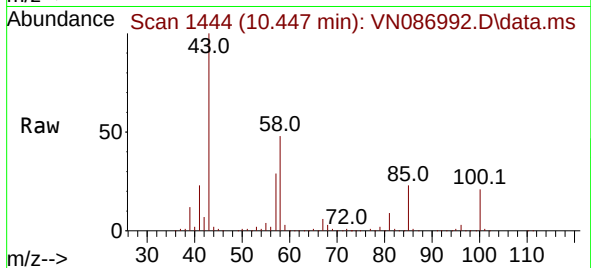




#51
4-Methyl-2-Pentanone
Concen: 235.166 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

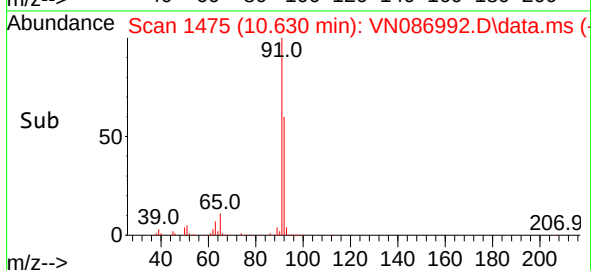
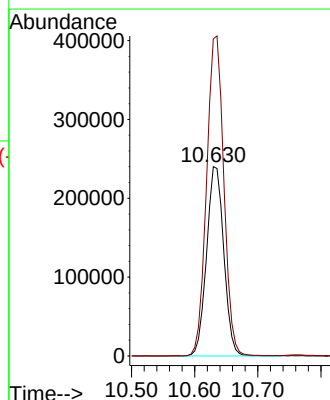
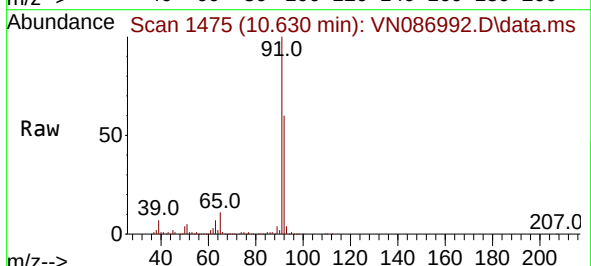
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

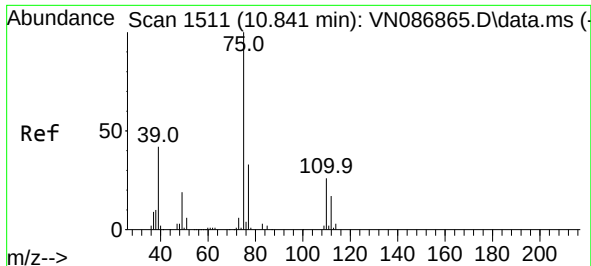
Tgt Ion: 43 Resp: 1091222
Ion Ratio Lower Upper
43 100
58 47.6 34.2 51.4



#52
Toluene
Concen: 60.096 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 92 Resp: 453063
Ion Ratio Lower Upper
92 100
91 169.6 136.5 204.7

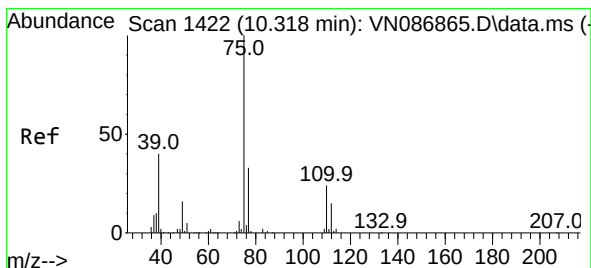
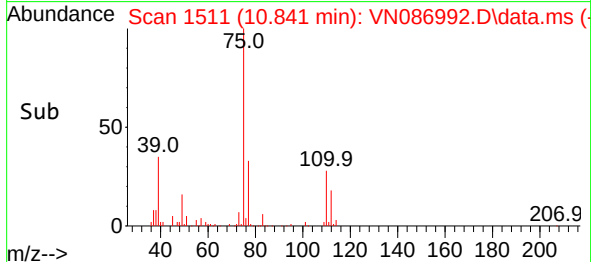
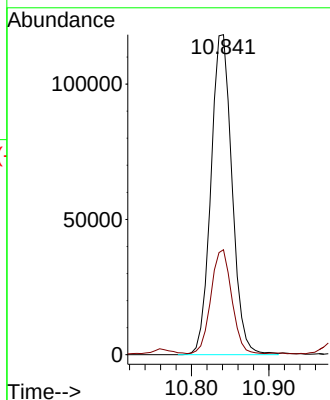
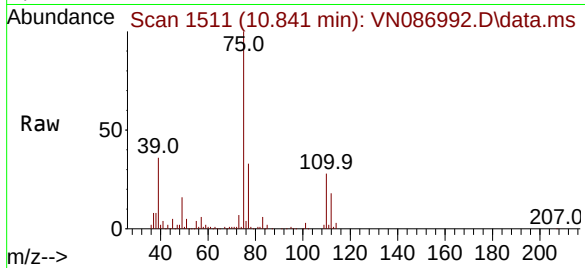




#53
t-1,3-Dichloropropene
Concen: 48.833 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

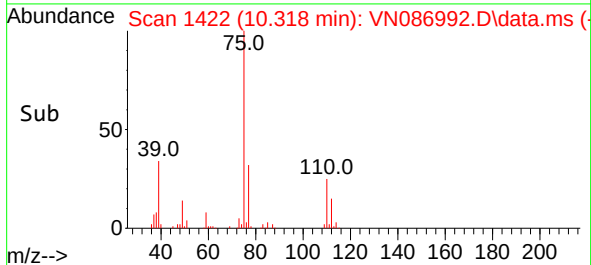
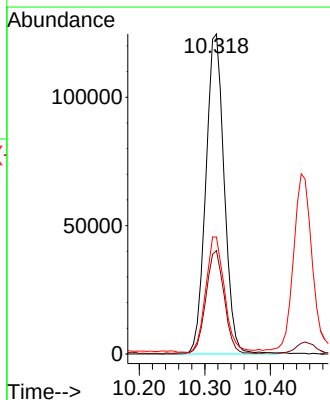
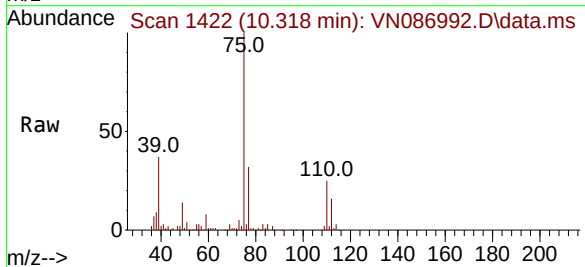
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

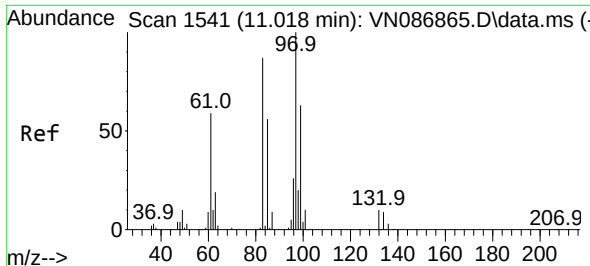
Tgt Ion: 75 Resp: 223962
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 49.542 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 75 Resp: 243114
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4
39 36.0 32.3 48.5

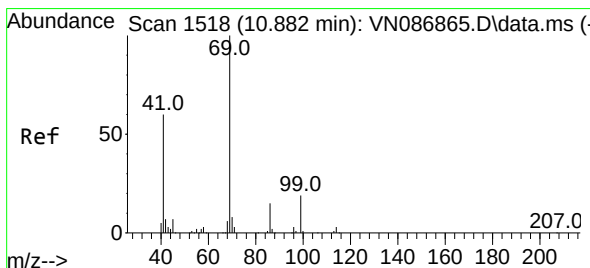
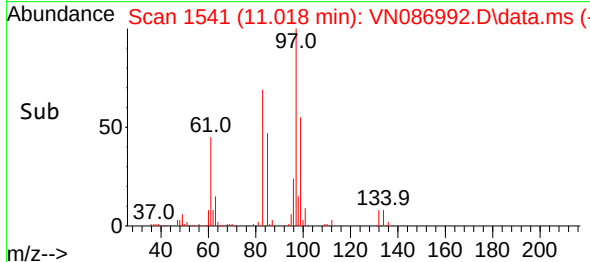
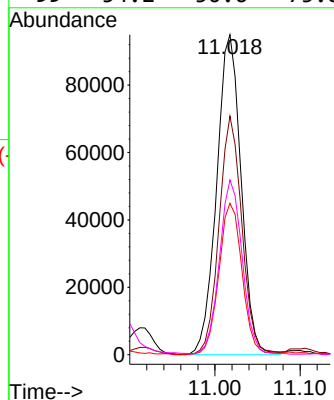
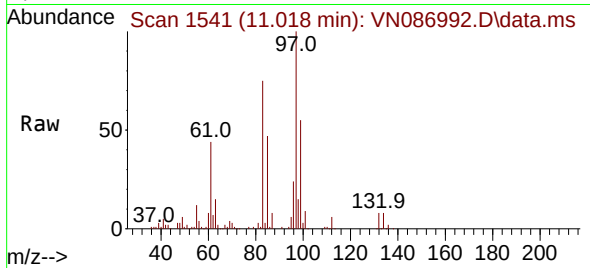




#55
1,1,2-Trichloroethane
Concen: 65.376 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

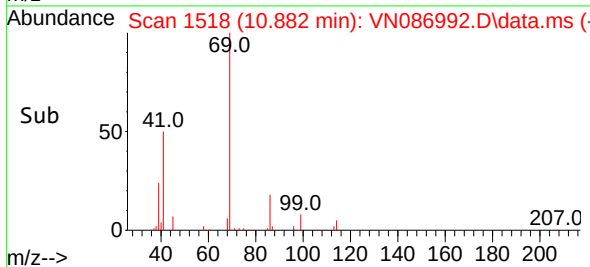
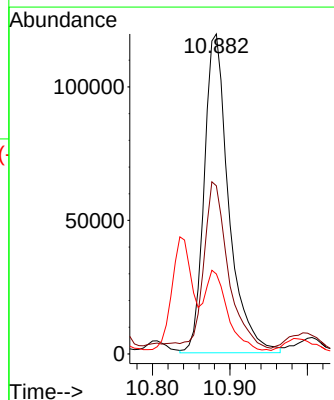
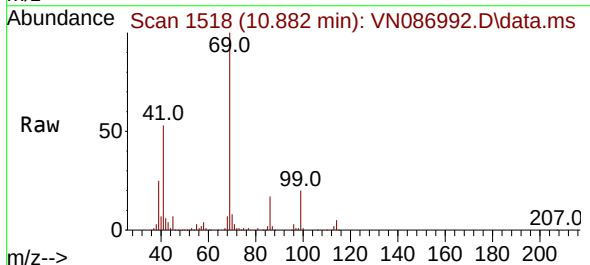
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

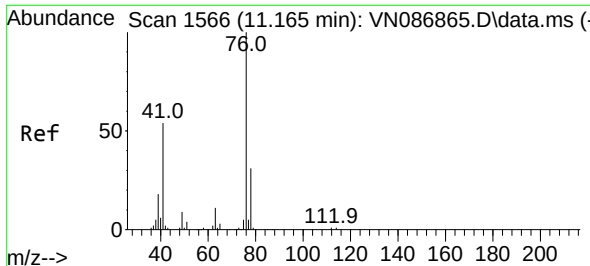
Tgt Ion:	97	Resp:	189646
Ion	Ratio	Lower	Upper
97	100		
83	74.6	69.7	104.5
85	47.1	45.1	67.7
99	54.2	50.6	75.8



#56
Ethyl methacrylate
Concen: 56.876 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion:	69	Resp:	262788
Ion	Ratio	Lower	Upper
69	100		
41	51.2	47.2	70.8
39	24.4	23.0	34.6





#57

1,3-Dichloropropane

Concen: 51.143 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

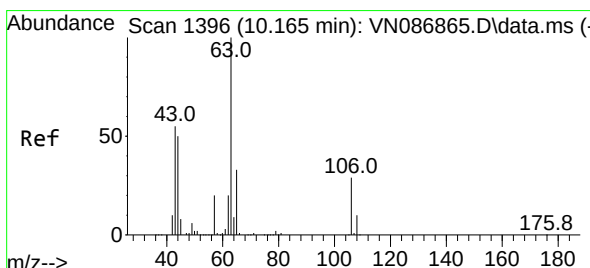
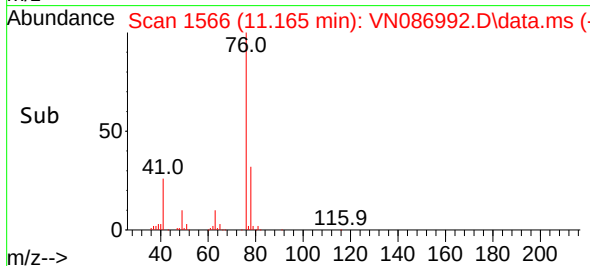
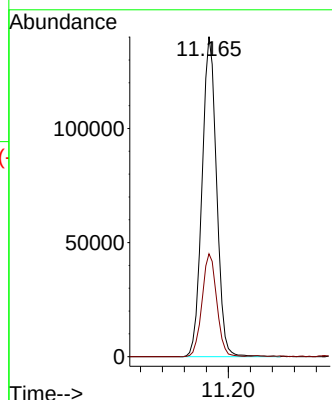
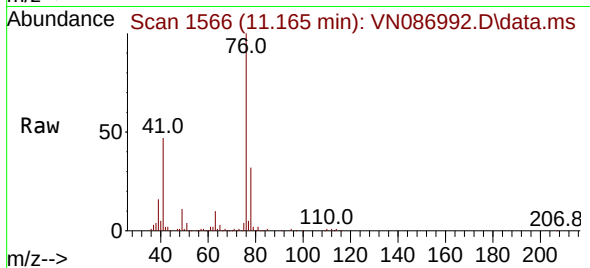
MW-2-20250605MS

Tgt Ion: 76 Resp: 257363

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 0.233 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN086992.D

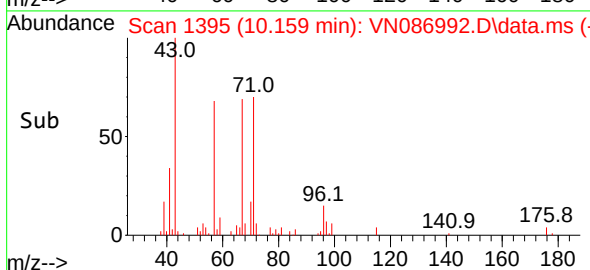
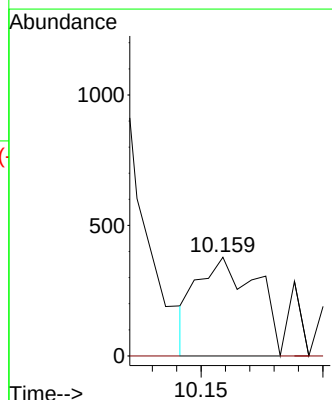
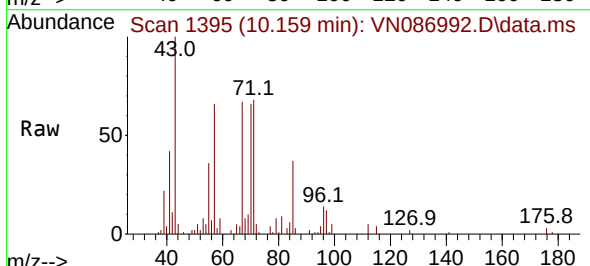
Acq: 12 Jun 2025 20:48

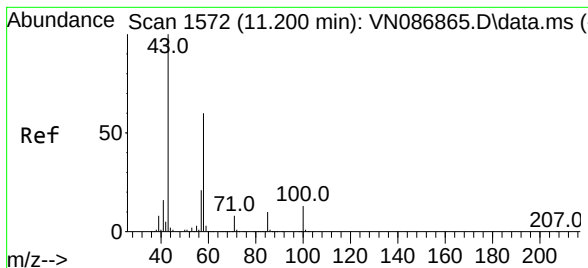
Tgt Ion: 63 Resp: 641

Ion Ratio Lower Upper

63 100

106 0.0 23.0 34.6#

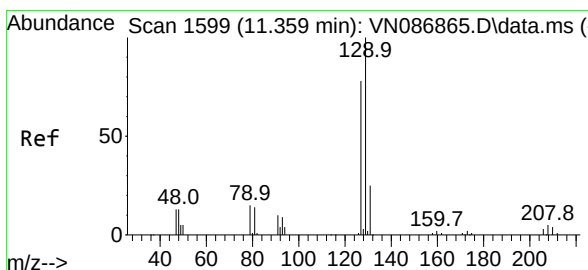
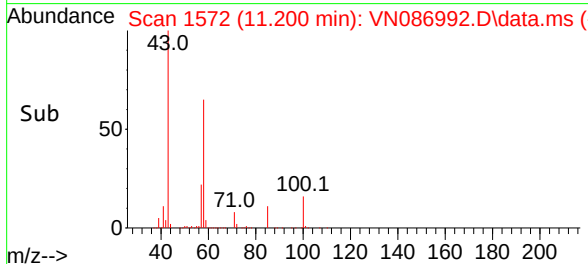
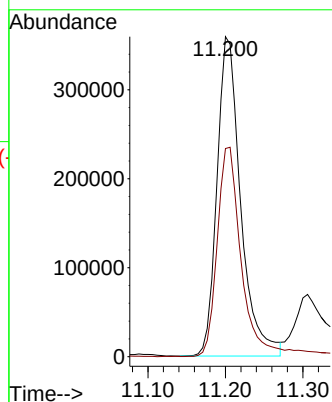
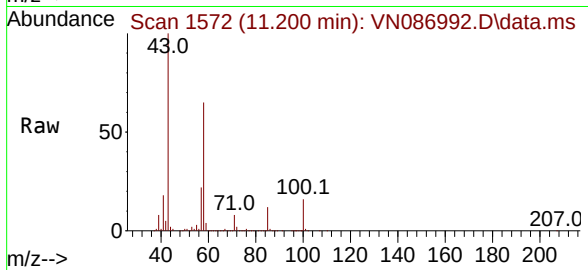




#59
2-Hexanone
Concen: 255.579 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

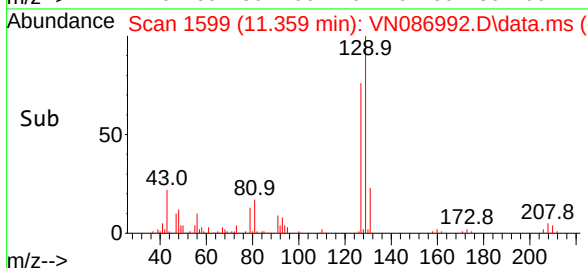
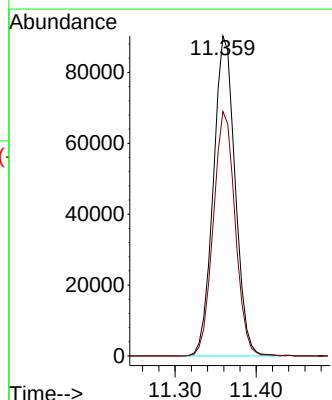
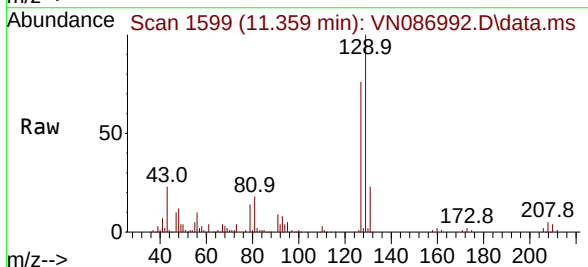
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

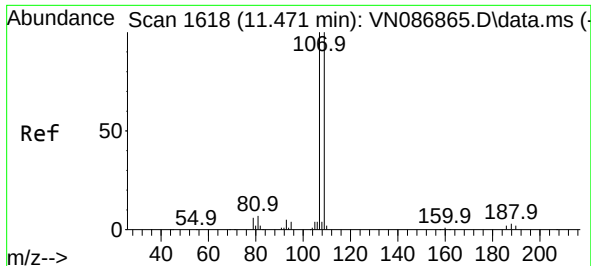
Tgt Ion: 43 Resp: 763906
Ion Ratio Lower Upper
43 100
58 69.3 30.4 91.3



#60
Dibromochloromethane
Concen: 55.728 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 129 Resp: 168431
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

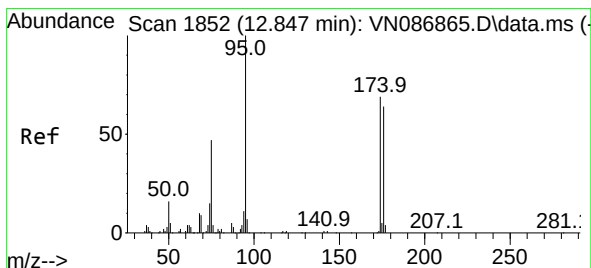
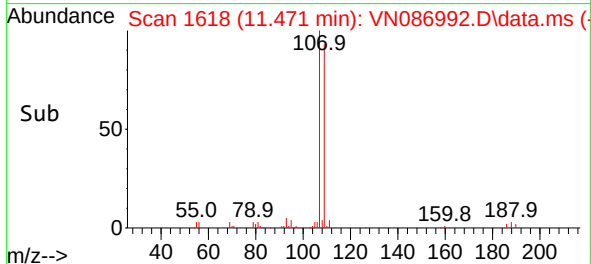
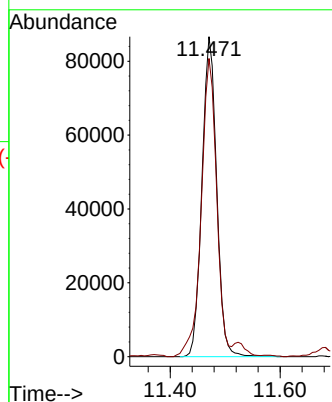
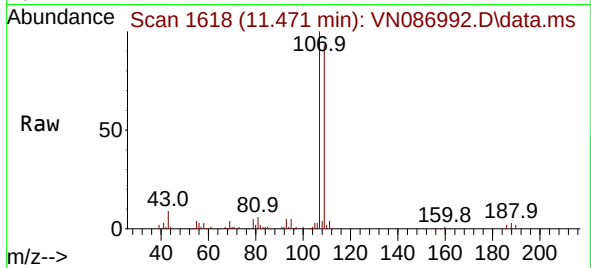




#61
1,2-Dibromoethane
Concen: 54.104 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

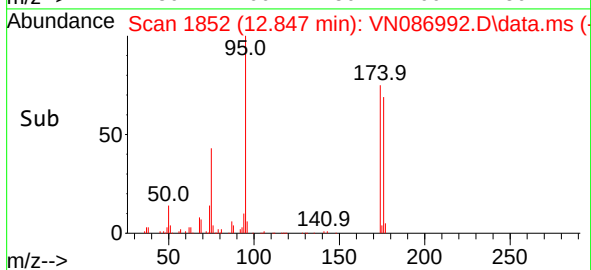
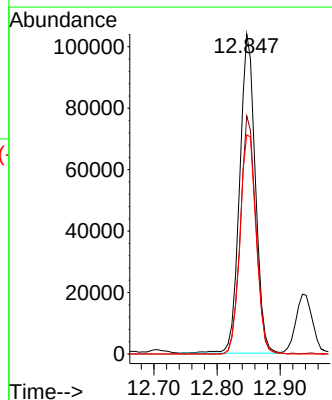
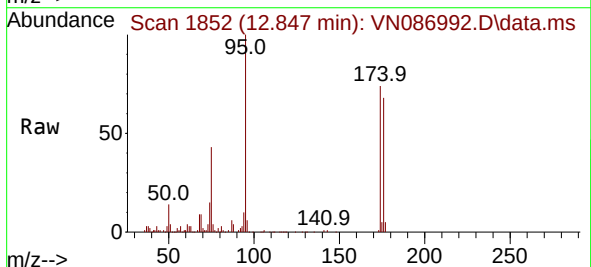
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

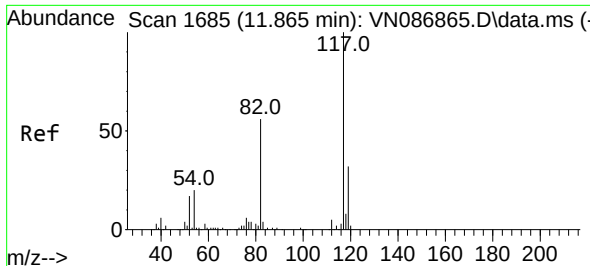
Tgt Ion:107 Resp: 160869
Ion Ratio Lower Upper
107 100
109 97.6 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 48.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 95 Resp: 179151
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 70.7 0.0 132.6

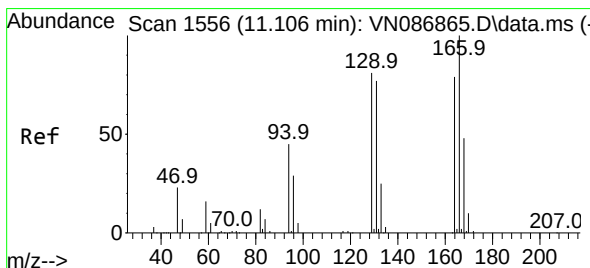
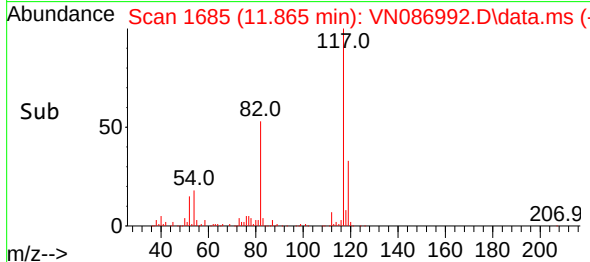
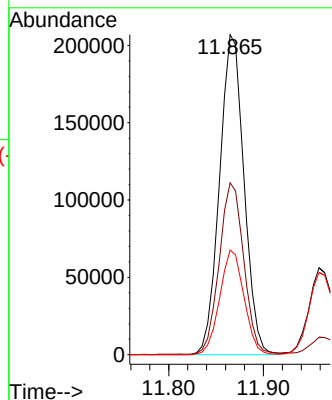
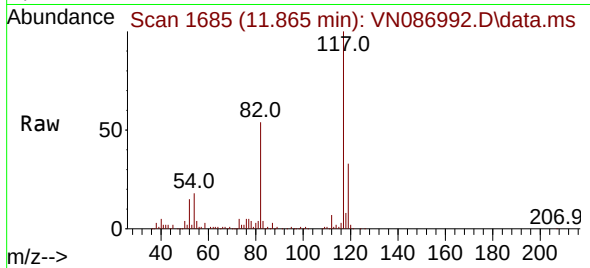




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

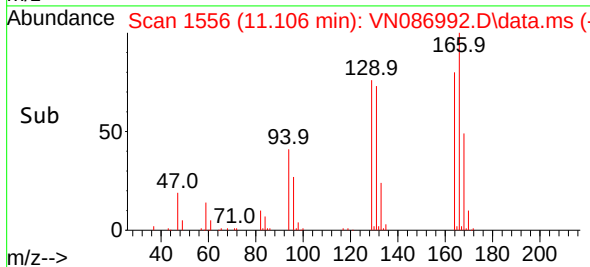
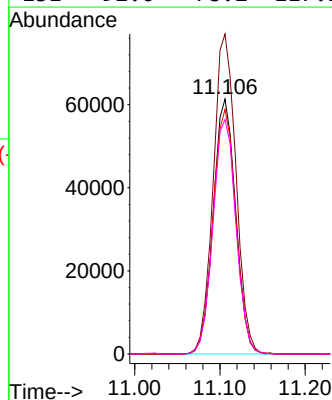
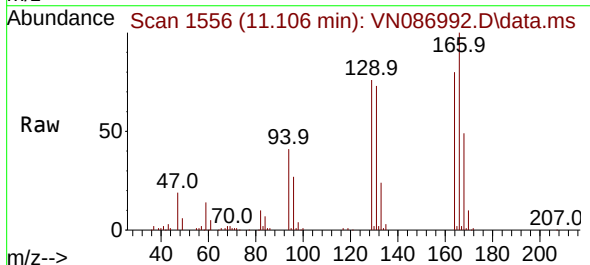
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

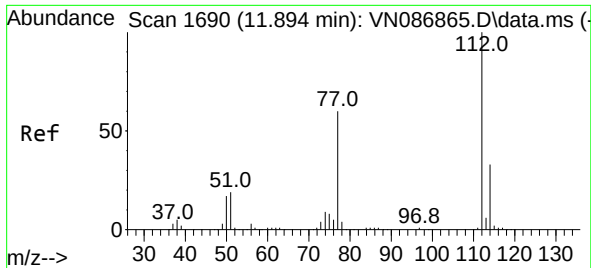
Tgt Ion:117 Resp: 372041
Ion Ratio Lower Upper
117 100
82 53.5 44.6 67.0
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 47.807 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion:164 Resp: 112563
Ion Ratio Lower Upper
164 100
166 125.6 101.8 152.8
129 95.9 83.0 124.4
131 92.0 78.2 117.2

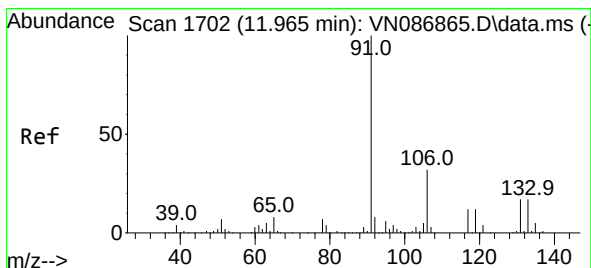
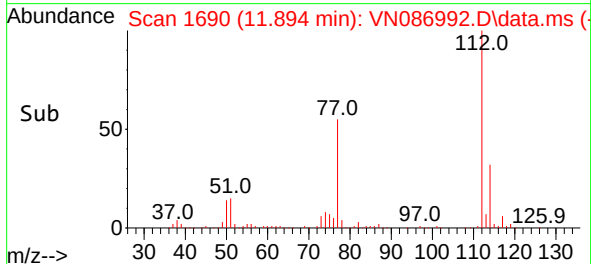
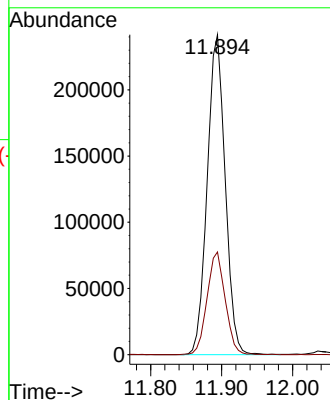
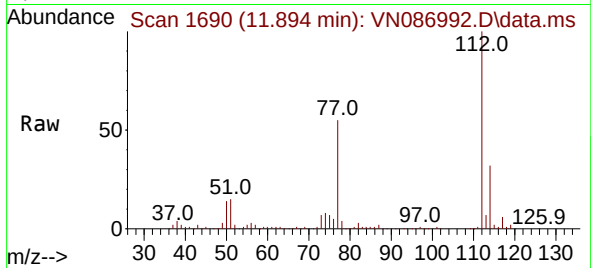




#65
Chlorobenzene
Concen: 51.857 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

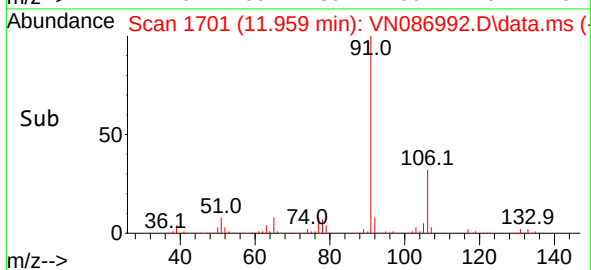
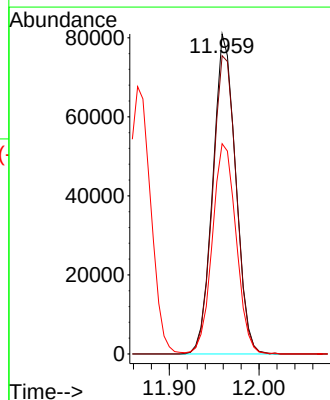
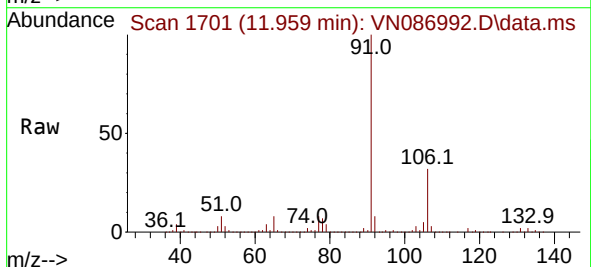
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

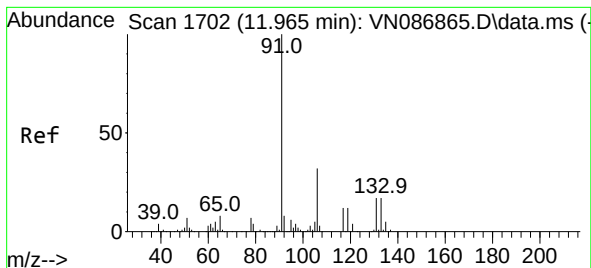
Tgt Ion:112 Resp: 425514
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.152 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion:131 Resp: 142834
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.8
119 68.7 34.0 101.8





#67

Ethyl Benzene

Concen: 485.676 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

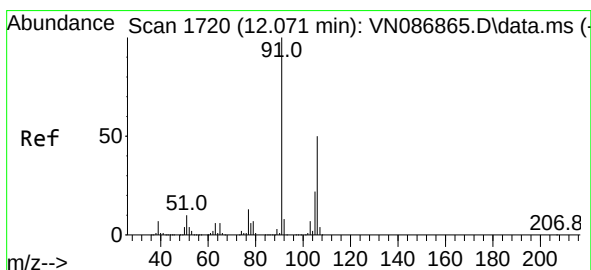
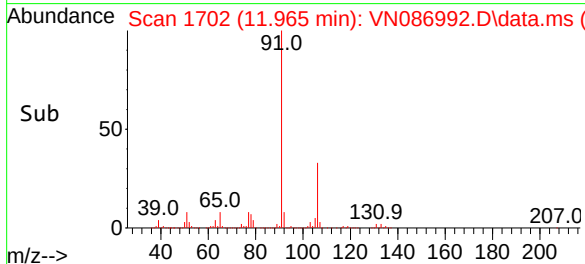
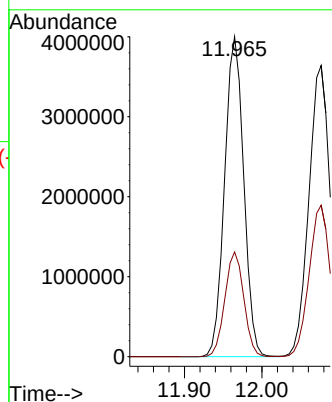
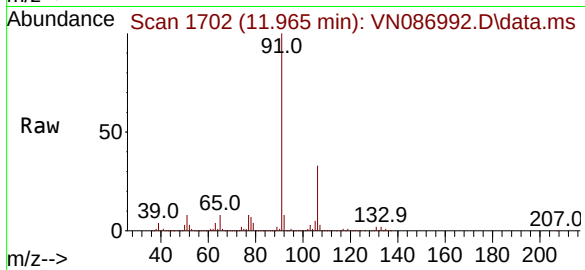
MW-2-20250605MS

Tgt Ion: 91 Resp: 6864452

Ion Ratio Lower Upper

91 100

106 32.7 25.4 38.2



#68

m/p-Xylenes

Concen: 657.006 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN086992.D

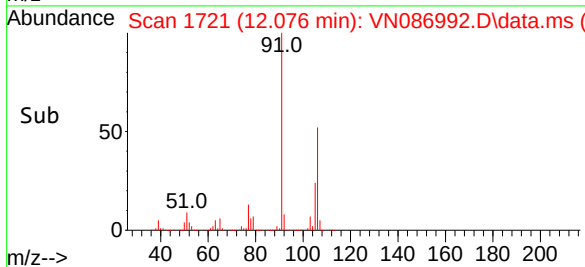
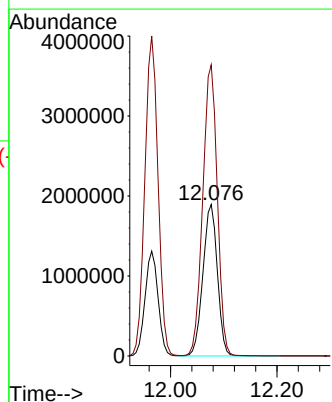
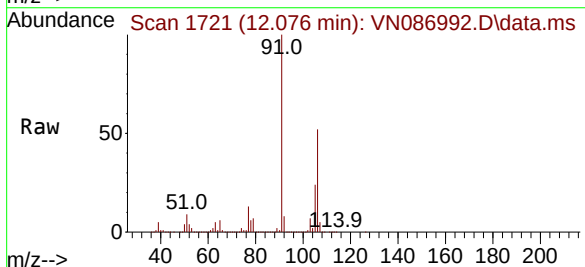
Acq: 12 Jun 2025 20:48

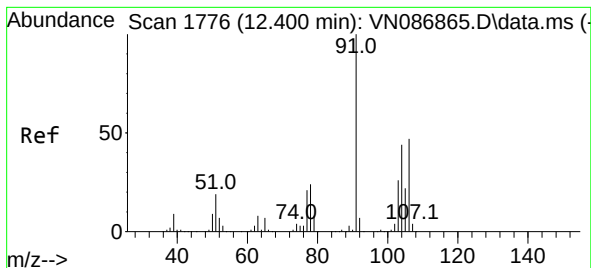
Tgt Ion: 106 Resp: 3554679

Ion Ratio Lower Upper

106 100

91 193.9 159.4 239.0





#69

o-Xylene

Concen: 59.433 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

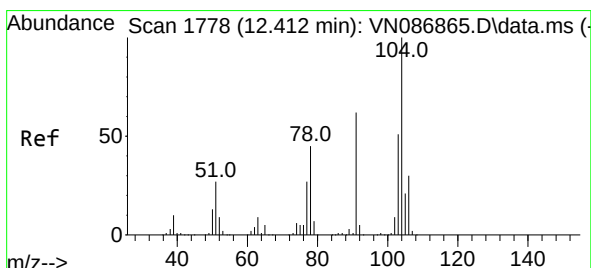
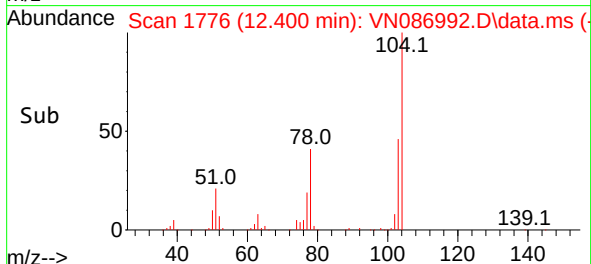
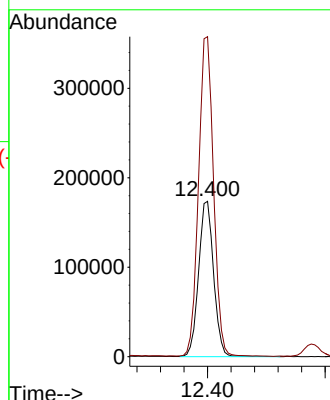
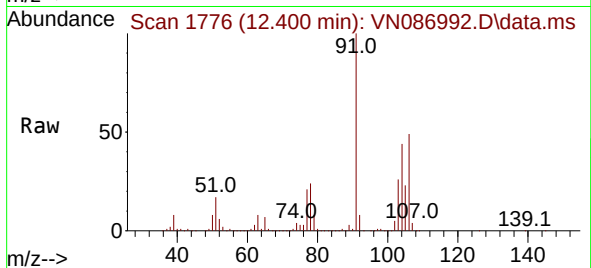
MW-2-20250605MS

Tgt Ion:106 Resp: 307969

Ion Ratio Lower Upper

106 100

91 205.6 106.1 318.1



#70

Styrene

Concen: 52.006 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

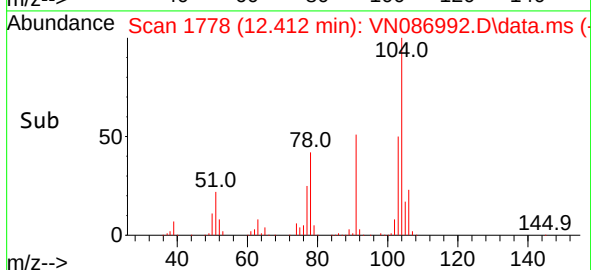
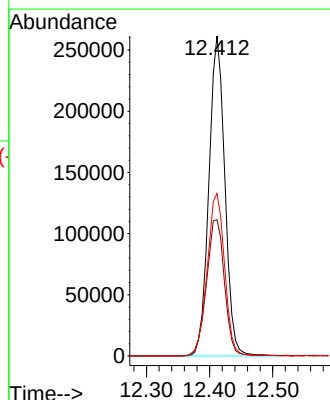
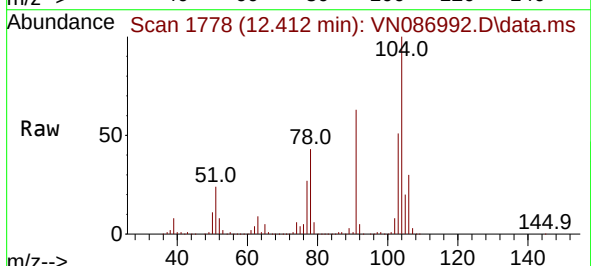
Tgt Ion:104 Resp: 461140

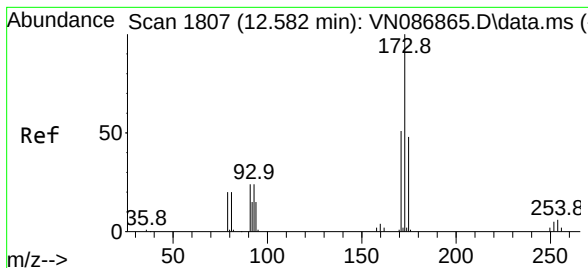
Ion Ratio Lower Upper

104 100

78 47.8 38.5 57.7

103 55.4 43.1 64.7





#71

Bromoform

Concen: 58.815 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MS

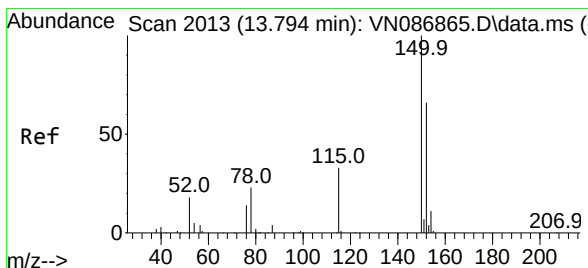
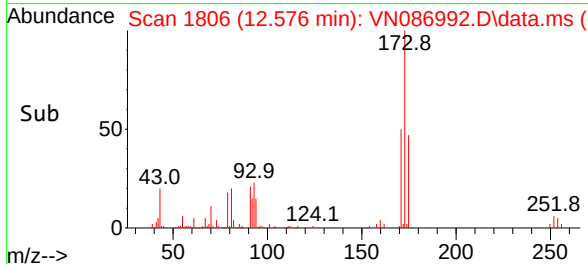
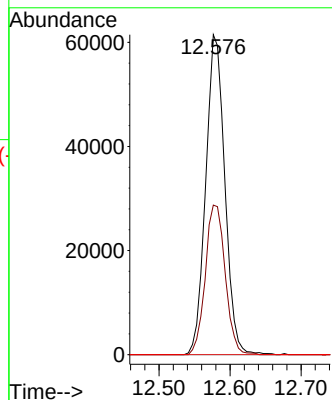
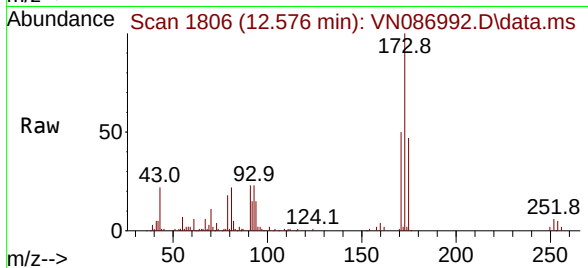
Tgt Ion:173 Resp: 114944

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

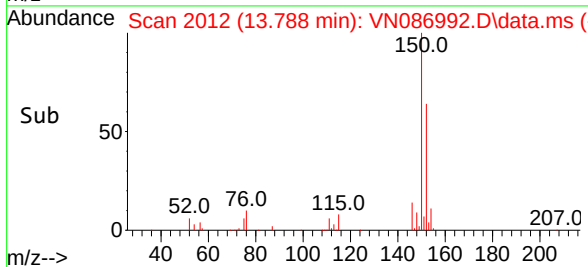
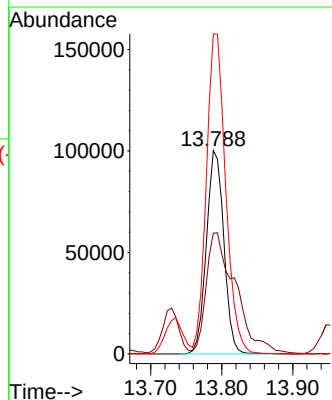
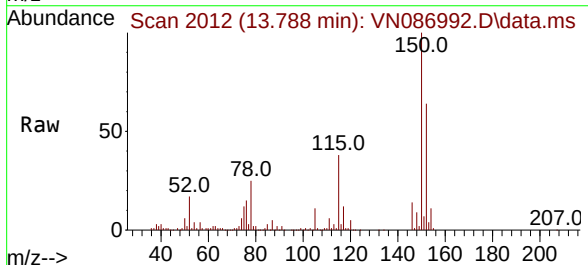
Tgt Ion:152 Resp: 171326

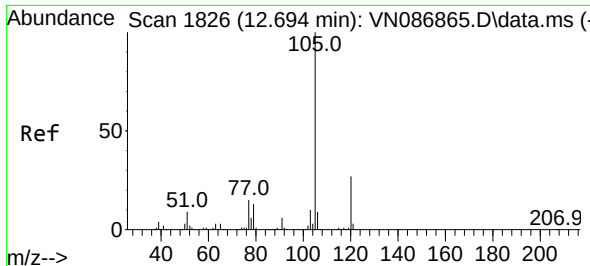
Ion Ratio Lower Upper

152 100

115 98.5 30.1 90.5#

150 174.3 0.0 345.0

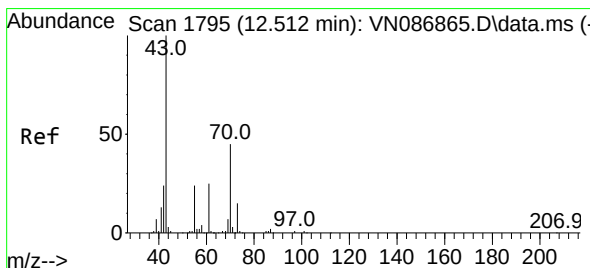
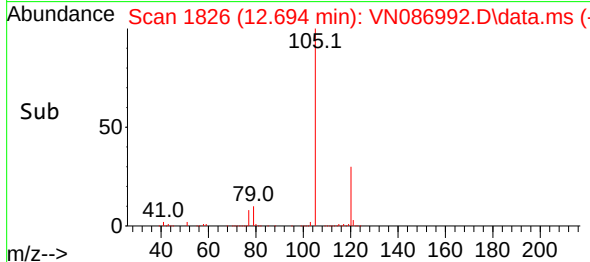
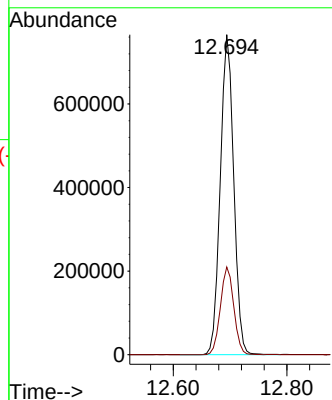
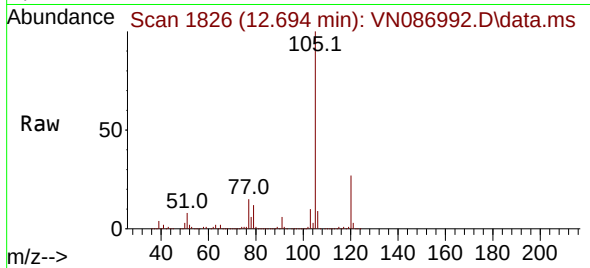




#73
Isopropylbenzene
Concen: 100.903 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

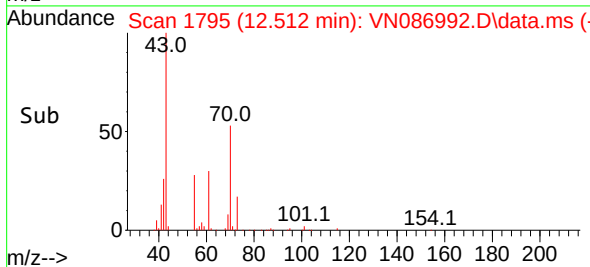
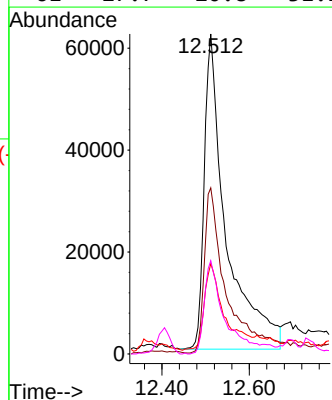
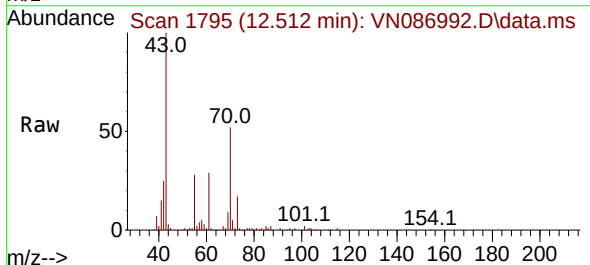
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

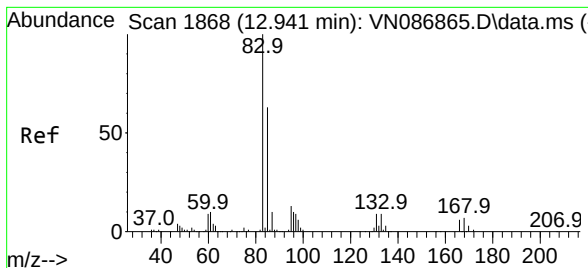
Tgt Ion:105 Resp: 1259395
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 49.337 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 43 Resp: 215181
Ion Ratio Lower Upper
43 100
70 53.8 37.6 56.4
55 25.2 19.0 28.6
61 27.7 20.8 31.2

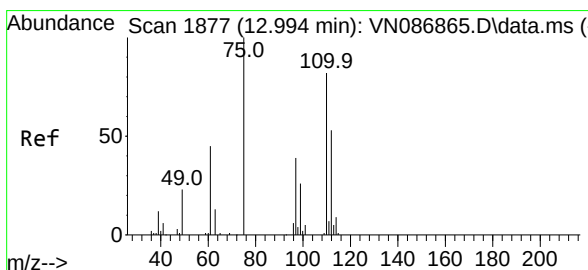
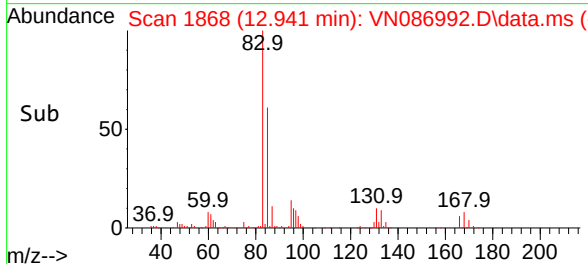
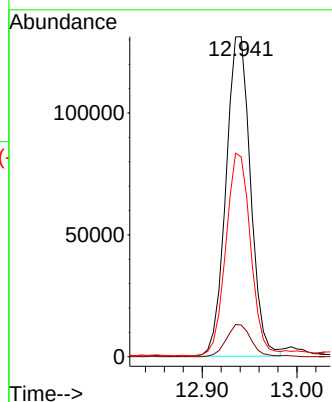
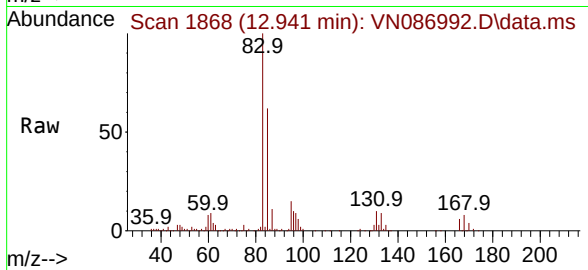




#75
1,1,2-Tetrachloroethane
Concen: 55.972 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

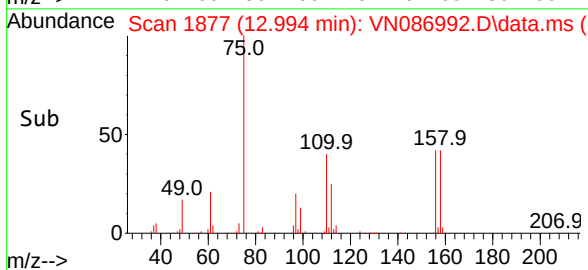
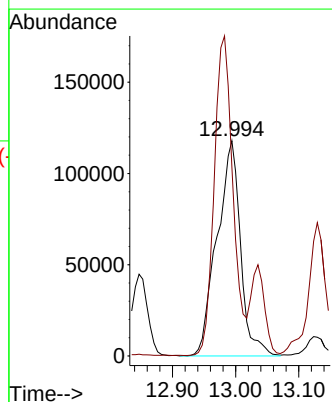
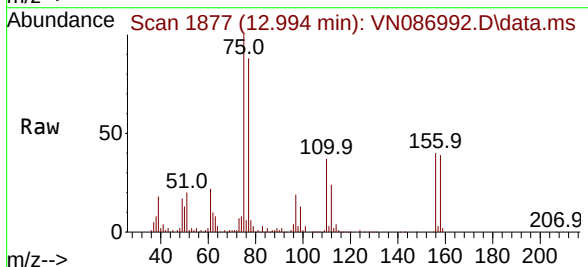
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

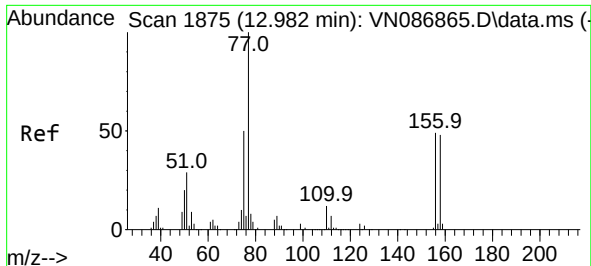
Tgt Ion: 83 Resp: 236672
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 63.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 74.988 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 75 Resp: 305389
Ion Ratio Lower Upper
75 100
77 118.6 79.3 237.9

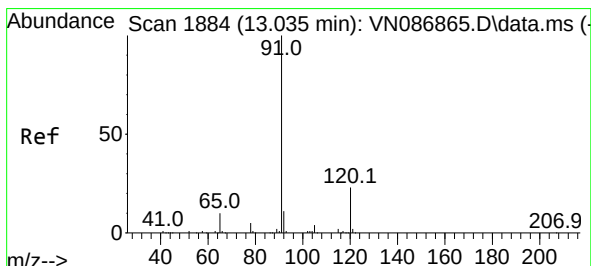
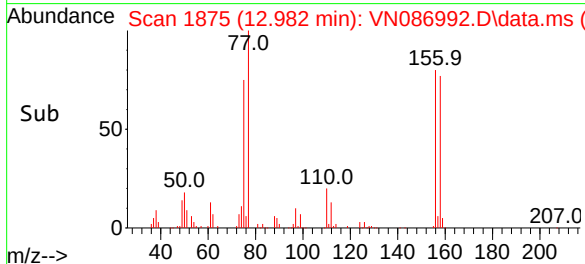
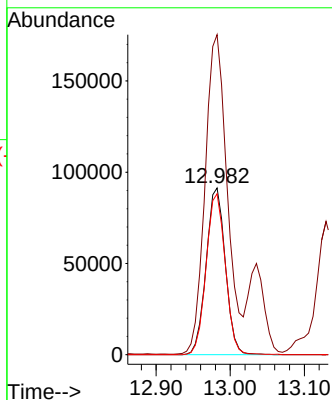
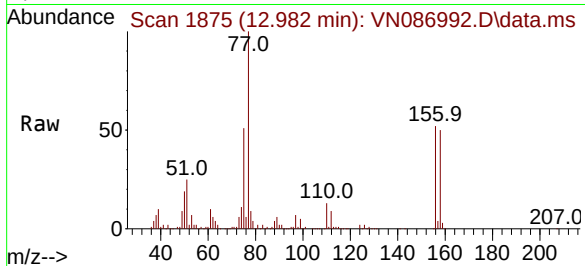




#77
Bromobenzene
Concen: 57.288 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

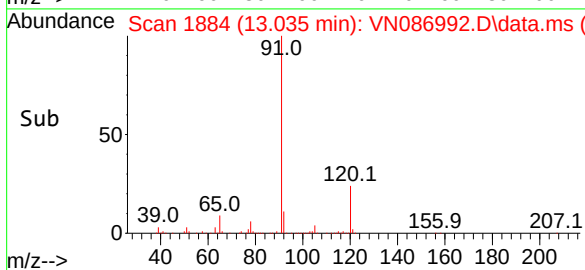
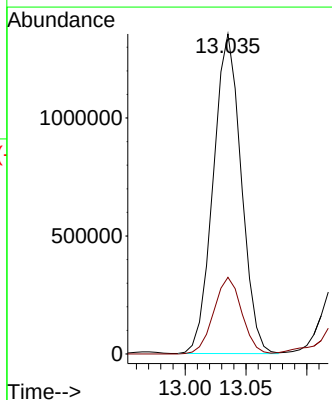
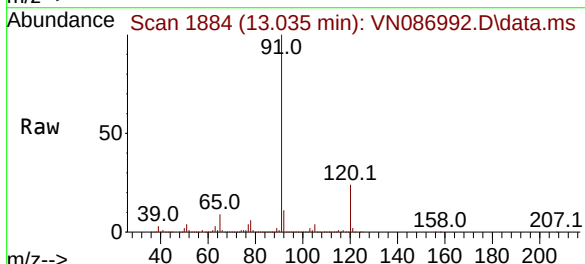
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

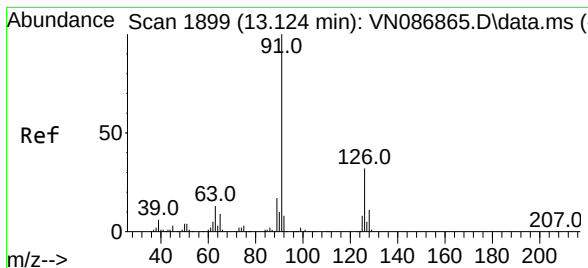
Tgt Ion:156 Resp: 163979
Ion Ratio Lower Upper
156 100
77 221.0 117.7 353.1
158 96.9 48.1 144.4



#78
n-propylbenzene
Concen: 142.954 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 91 Resp: 2168323
Ion Ratio Lower Upper
91 100
120 24.0 11.4 34.2

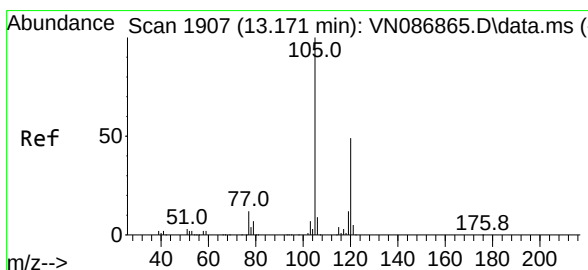
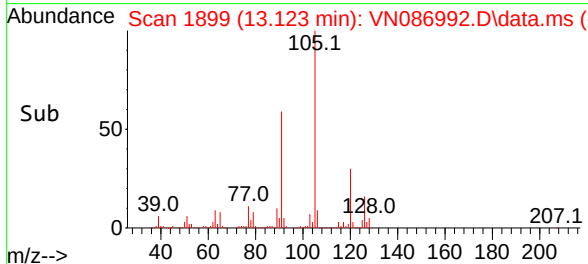
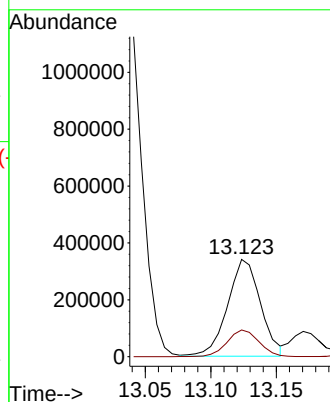
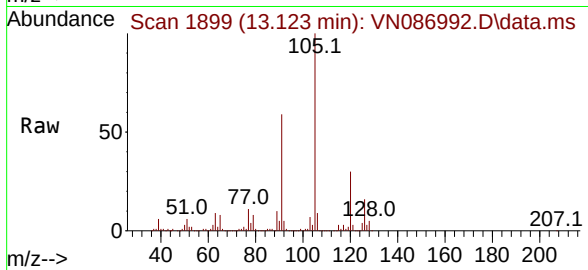




#79
2-Chlorotoluene
Concen: 65.474 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

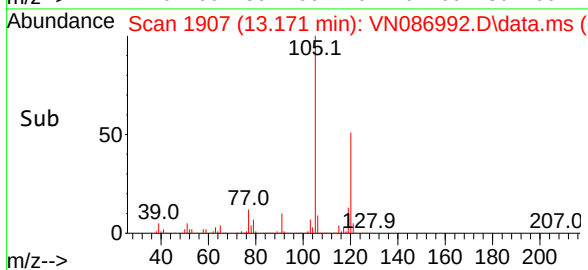
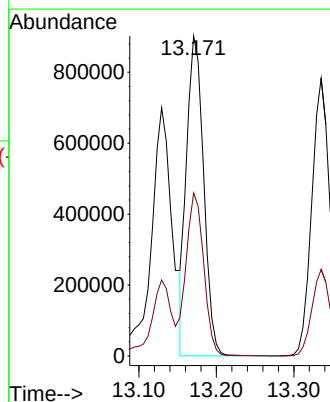
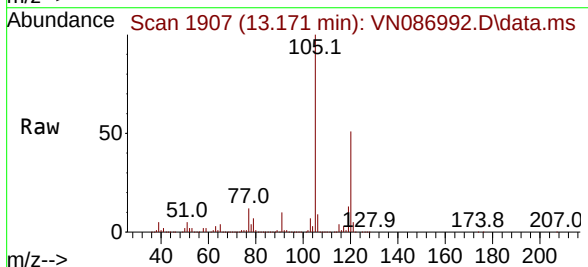
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

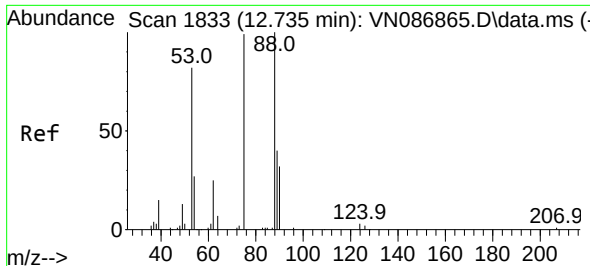
Tgt Ion: 91 Resp: 595579
Ion Ratio Lower Upper
91 100
126 26.9 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 133.348 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion:105 Resp: 1374121
Ion Ratio Lower Upper
105 100
120 53.7 24.9 74.6

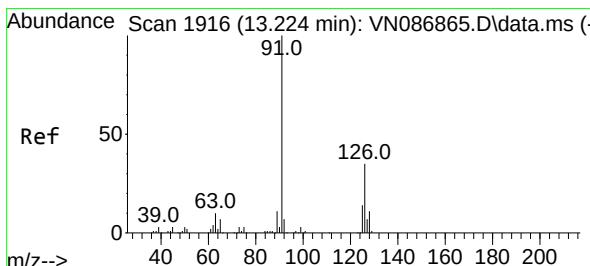
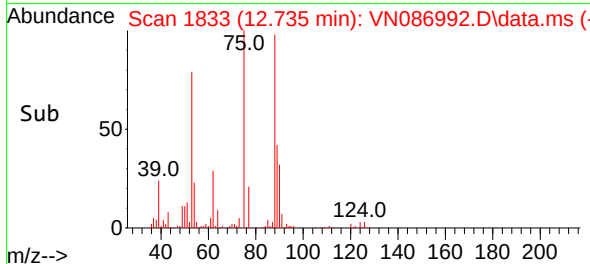
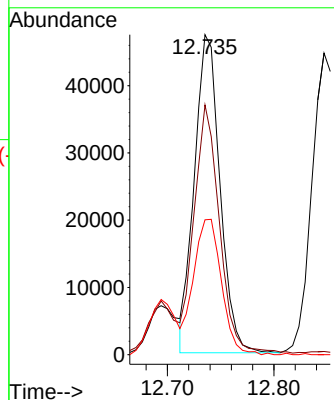
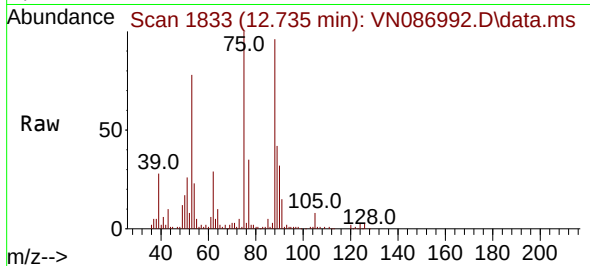




#81
trans-1,4-Dichloro-2-butene
Concen: 44.730 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

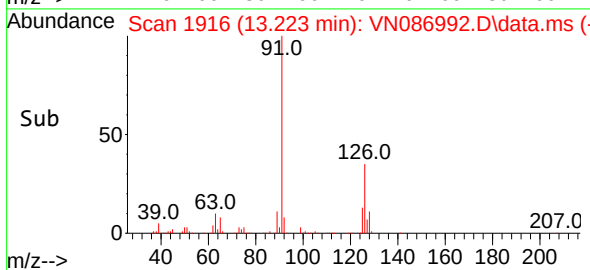
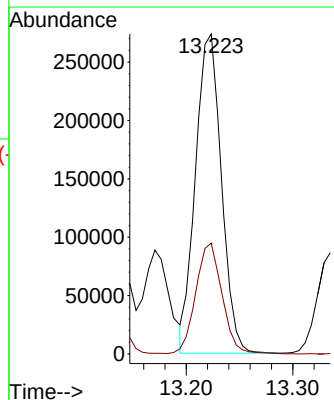
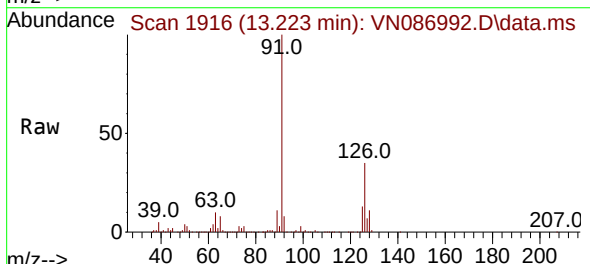
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

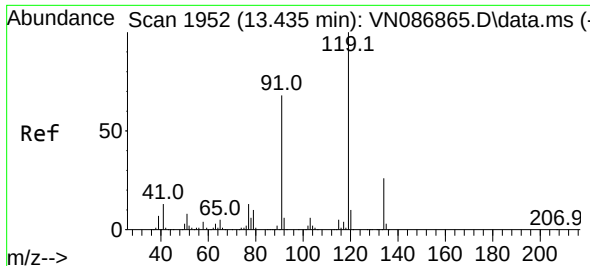
Tgt Ion:	75	Resp:	79134
Ion	Ratio	Lower	Upper
75	100		
53	76.7	66.6	99.8
89	46.6	36.7	55.1



#82
4-Chlorotoluene
Concen: 50.241 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion:	91	Resp:	462419
Ion	Ratio	Lower	Upper
91	100		
126	35.4	16.7	50.1

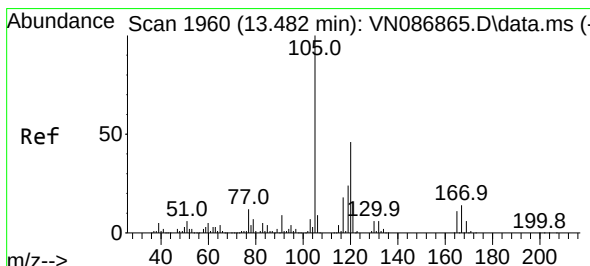
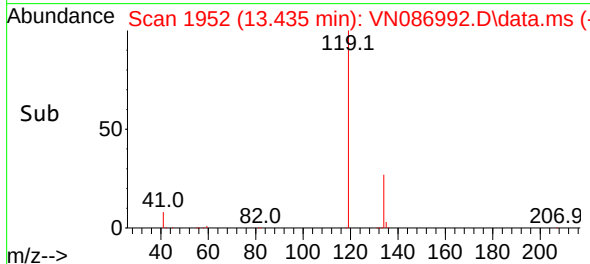
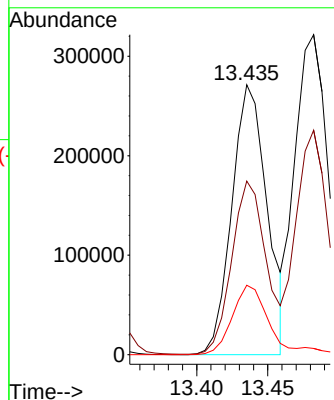
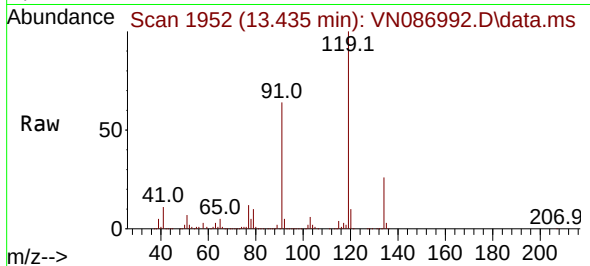




#83
tert-Butylbenzene
Concen: 49.710 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

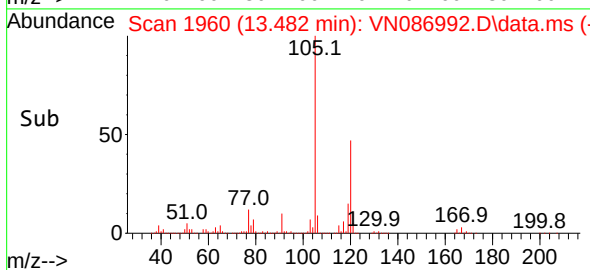
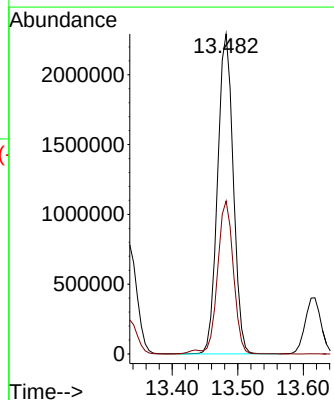
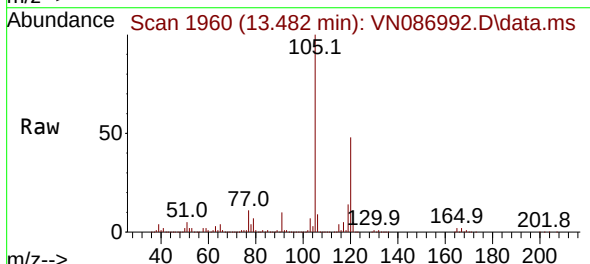
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

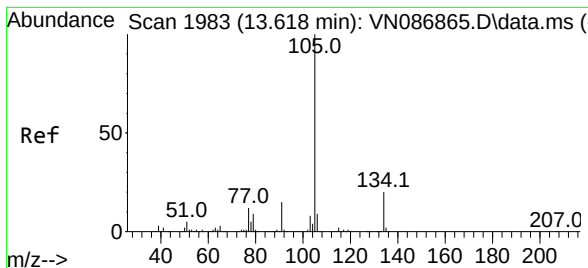
Tgt Ion:119 Resp: 468897
Ion Ratio Lower Upper
119 100
91 62.9 32.1 96.5
134 27.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 365.899 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion:105 Resp: 3780929
Ion Ratio Lower Upper
105 100
120 48.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.338 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

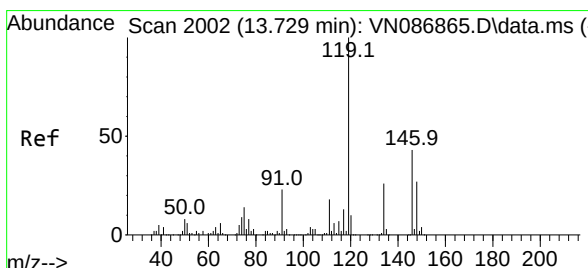
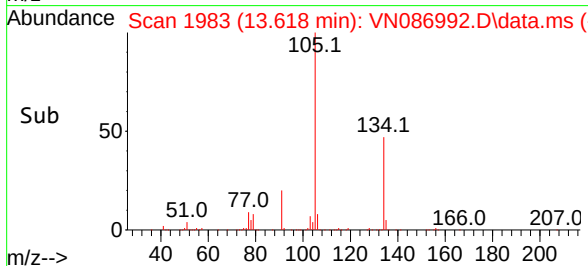
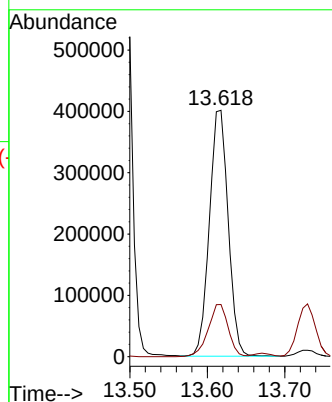
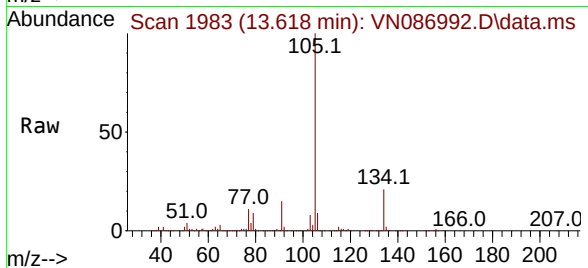
MW-2-20250605MS

Tgt Ion:105 Resp: 675844

Ion Ratio Lower Upper

105 100

134 22.7 10.0 30.0



#86

p-Isopropyltoluene

Concen: 45.764 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

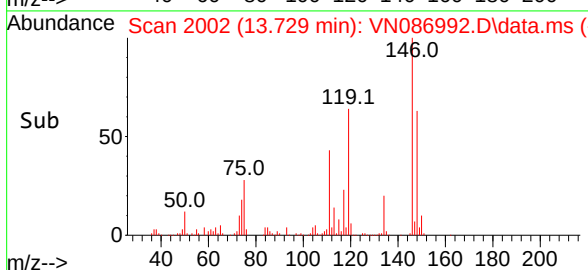
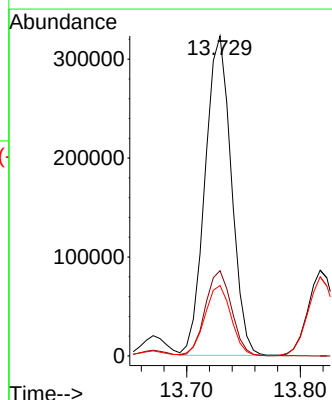
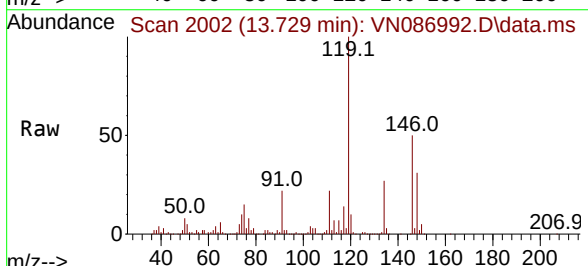
Tgt Ion:119 Resp: 518206

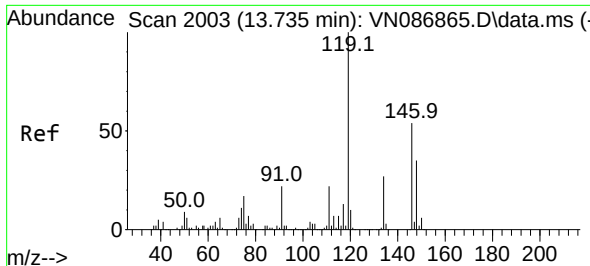
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 21.9 11.5 34.4

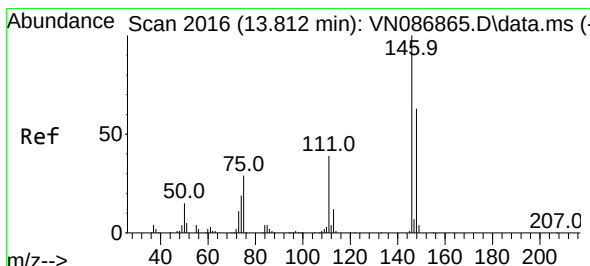
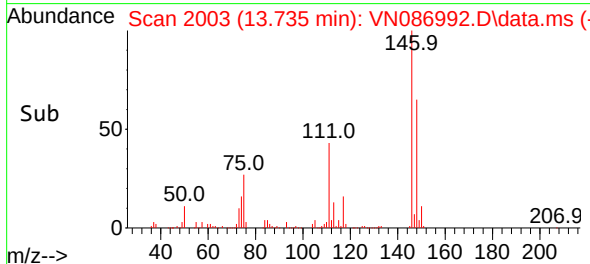
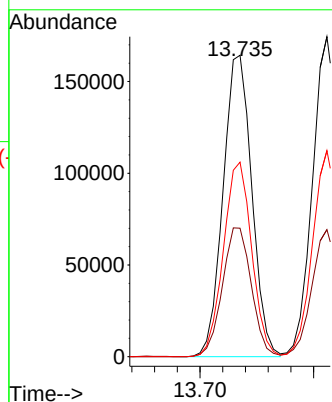
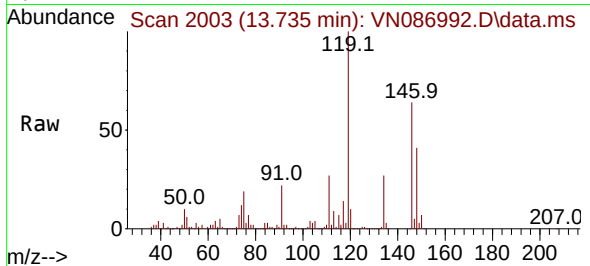




#87
1,3-Dichlorobenzene
Concen: 51.294 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

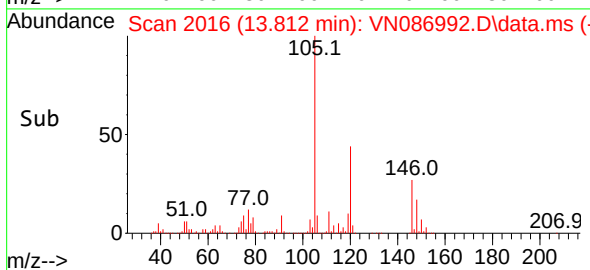
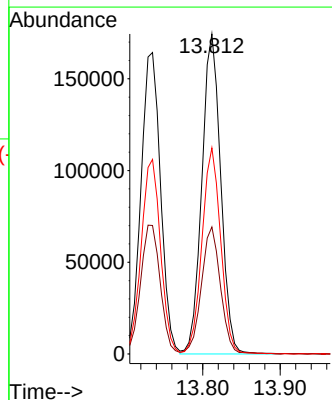
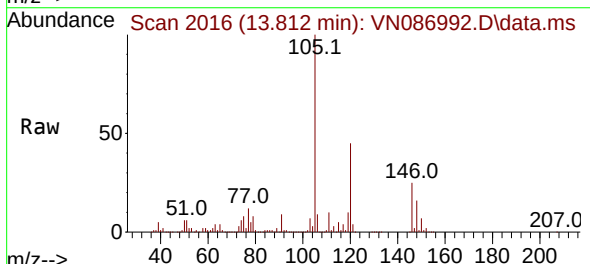
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

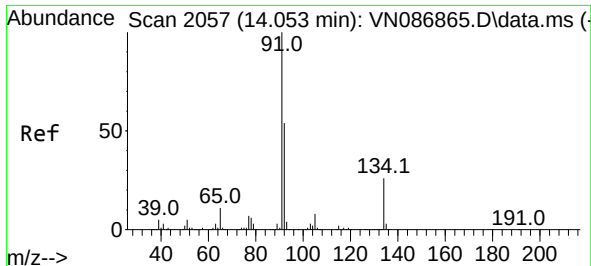
Tgt Ion:146 Resp: 288870
Ion Ratio Lower Upper
146 100
111 43.1 20.9 62.8
148 63.6 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 51.383 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion:146 Resp: 295025
Ion Ratio Lower Upper
146 100
111 40.4 19.9 59.7
148 64.1 31.8 95.4

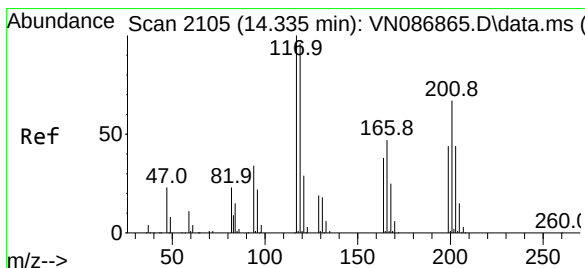
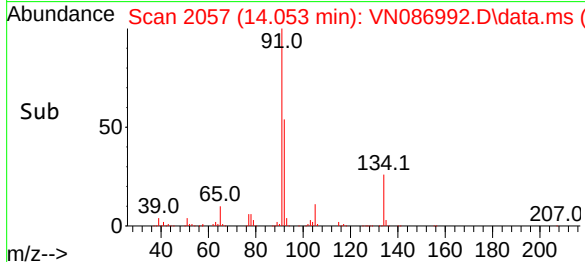
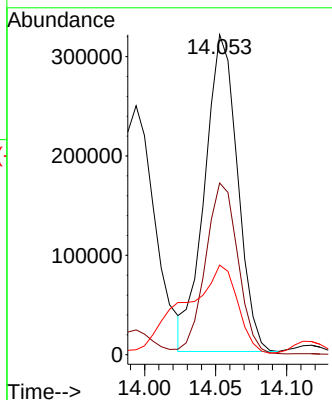
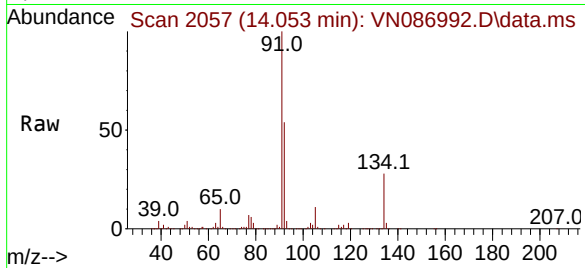




#89
n-Butylbenzene
Concen: 46.780 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

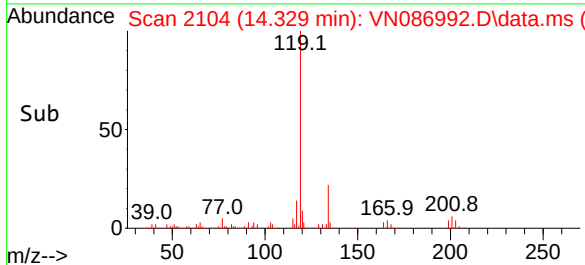
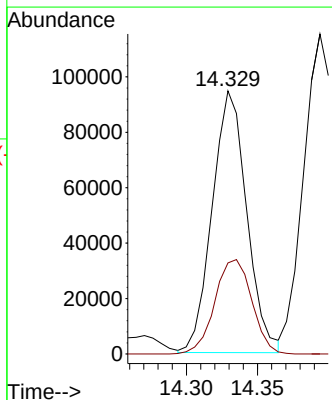
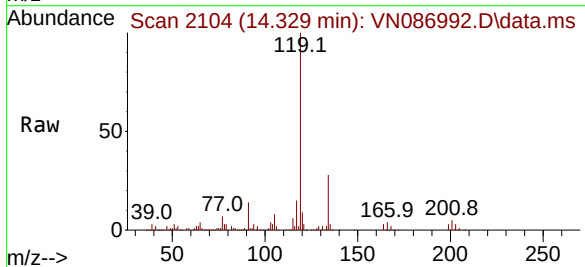
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

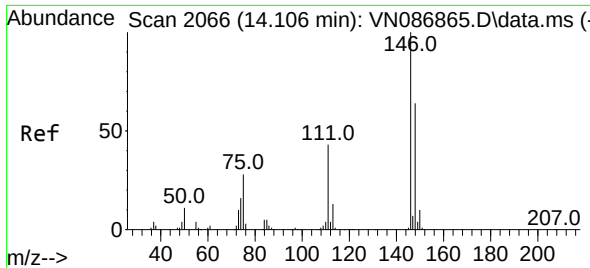
Tgt Ion: 91 Resp: 513089
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 45.4 13.0 39.0#



#90
Hexachloroethane
Concen: 83.204 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 117 Resp: 159701
Ion Ratio Lower Upper
117 100
201 38.7 33.2 99.6

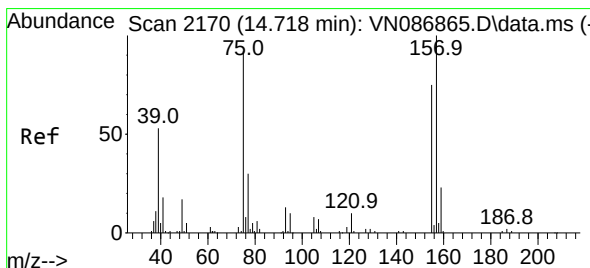
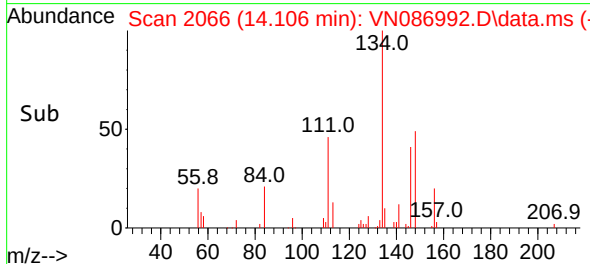
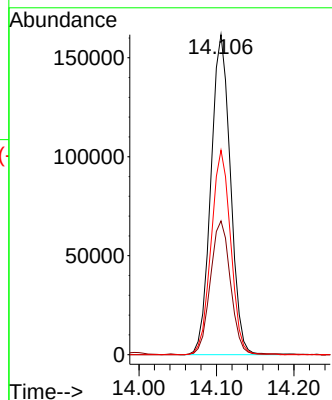
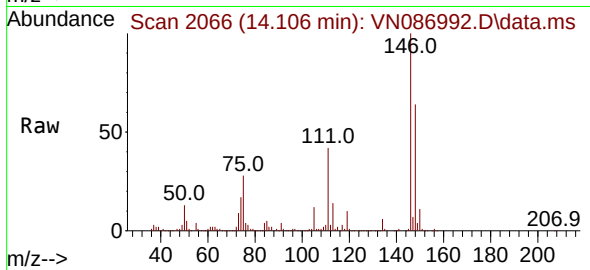




#91
1,2-Dichlorobenzene
Concen: 52.247 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

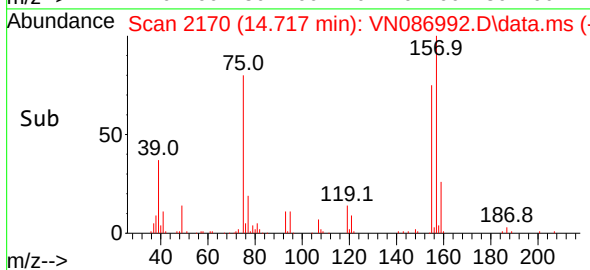
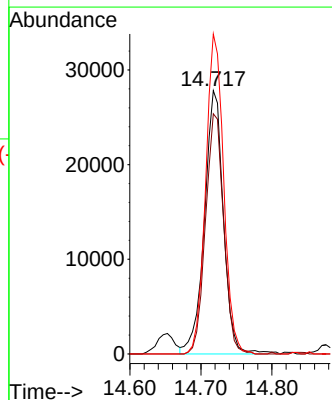
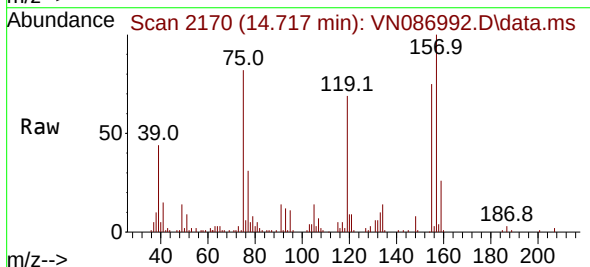
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20250605MS

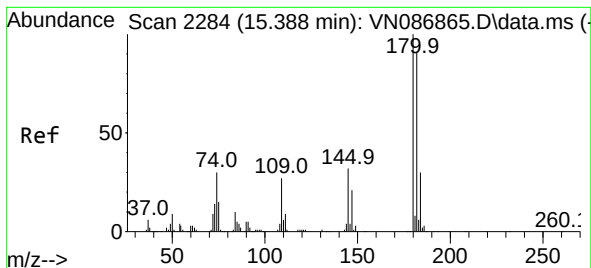
Tgt Ion:146 Resp: 282685
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.6
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.325 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086992.D
Acq: 12 Jun 2025 20:48

Tgt Ion: 75 Resp: 51901
Ion Ratio Lower Upper
75 100
155 86.7 41.1 123.4
157 114.6 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 45.170 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MS

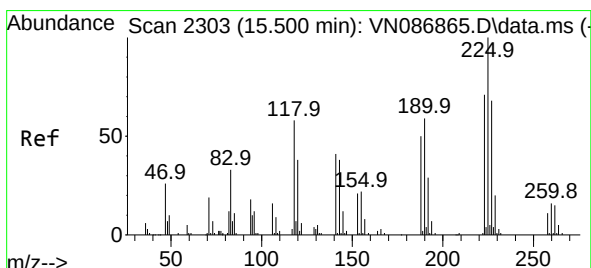
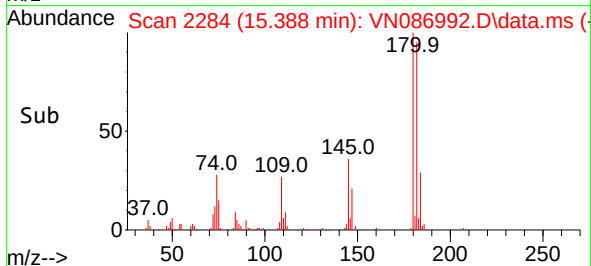
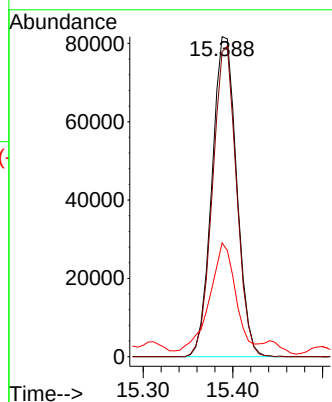
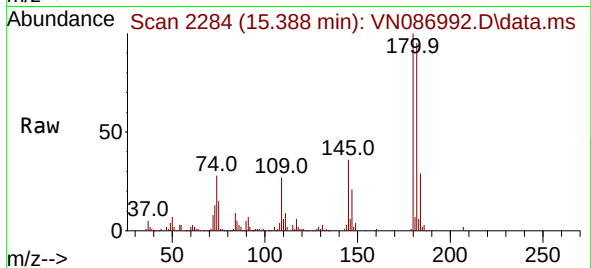
Tgt Ion:180 Resp: 156064

Ion Ratio Lower Upper

180 100

182 94.4 46.9 140.7

145 35.3 16.0 47.9



#94

Hexachlorobutadiene

Concen: 32.142 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

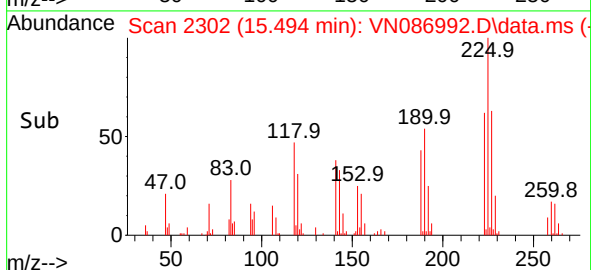
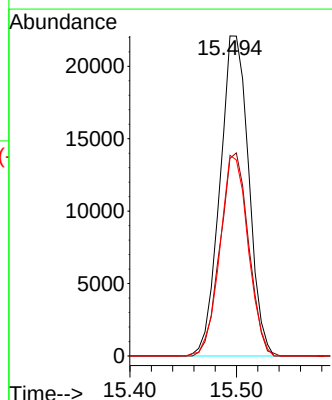
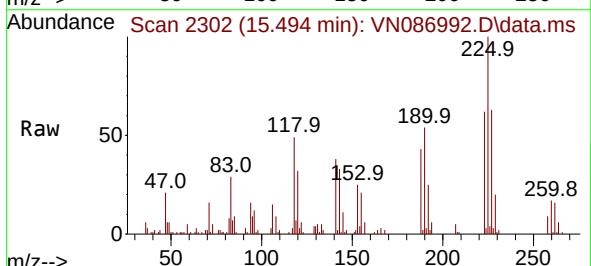
Tgt Ion:225 Resp: 41374

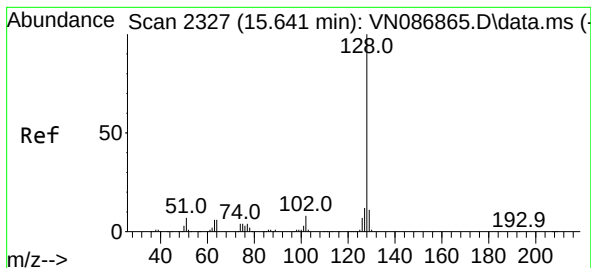
Ion Ratio Lower Upper

225 100

223 62.6 33.5 100.4

227 61.5 31.1 93.5





#95

Naphthalene

Concen: 335.143 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20250605MS

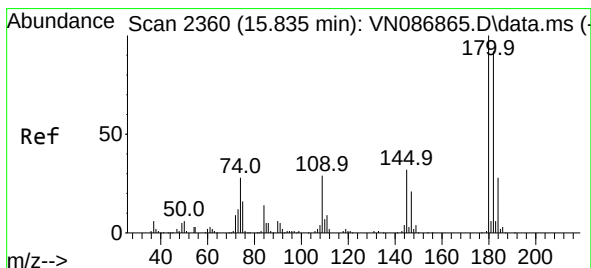
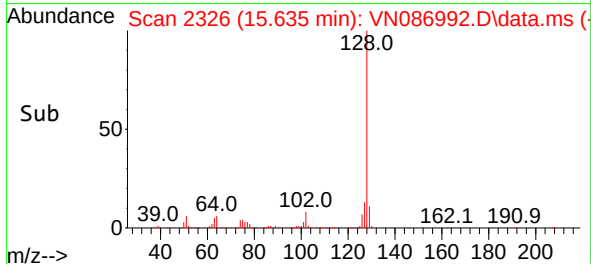
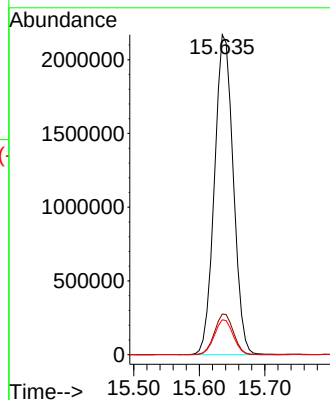
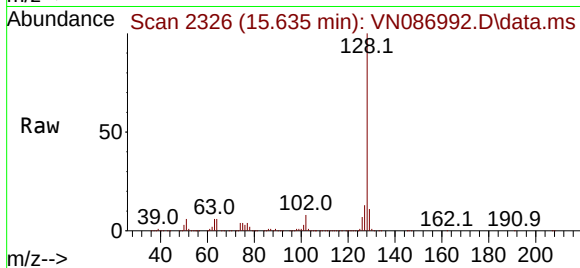
Tgt Ion:128 Resp: 4309972

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 45.635 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086992.D

Acq: 12 Jun 2025 20:48

Tgt Ion:180 Resp: 156650

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.0

145 38.9 16.6 49.8

