

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088152.D
 Acq On : 29 Oct 2025 12:21
 Operator : JC\MD
 Sample : Q3468-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL

Quant Time: Oct 30 04:04:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	214217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	486300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	458325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	202995	54.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.600%
35) Dibromofluoromethane	8.153	113	155367	47.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	10.547	98	569581	45.247	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.500%
62) 4-Bromofluorobenzene	12.829	95	227206	51.107	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.220%
Target Compounds						Qvalue
5) Bromomethane	3.006	94	782	0.422	ug/l #	63
10) Methyl Iodide	4.577	142	348	4.338	ug/l #	38
11) Tert butyl alcohol	5.518	59	4331	6.787	ug/l #	71
13) Acrolein	4.171	56	838	1.167	ug/l #	14
15) Acrylonitrile	5.712	53	526	0.303	ug/l #	39
16) Acetone	4.430	43	16674	8.960	ug/l #	88
17) Carbon Disulfide	4.712	76	2954	0.361	ug/l #	82
18) Methyl Acetate	5.018	43	849	0.223	ug/l #	69
19) Methyl tert-butyl Ether	5.789	73	76900	7.777	ug/l #	38
20) Methylene Chloride	5.271	84	1030	1.123	ug/l #	62
25) 2-Butanone	7.477	43	9142	3.728	ug/l #	83
29) Tetrahydrofuran	7.830	42	627	0.392	ug/l #	34
31) Cyclohexane	8.241	56	47366	9.135	ug/l	94
36) 1,1-Dichloropropene	8.212	75	20969	4.396	ug/l #	53
37) Ethyl Acetate	7.477	43	9142	1.485	ug/l #	81
38) Carbon Tetrachloride	8.200	117	26417	5.362	ug/l #	14
39) Methylcyclohexane	9.582	83	26693	4.353	ug/l	96
40) Benzene	8.588	78	555580	38.244	ug/l	98
42) 1,2-Dichloroethane	8.647	62	2461	0.477	ug/l	84
43) Isopropyl Acetate	8.694	43	1999	0.211	ug/l #	58
48) Methyl methacrylate	9.582	41	14370	3.290	ug/l #	61
51) 4-Methyl-2-Pentanone	10.429	43	3873	0.692	ug/l #	83
52) Toluene	10.612	92	25383	2.834	ug/l	96
55) 1,1,2-Trichloroethane	10.982	97	2547	0.750	ug/l #	14
58) 2-Chloroethyl Vinyl ether	10.135	63	573	0.205	ug/l #	49
59) 2-Hexanone	11.218	43	2042	0.550	ug/l	74
67) Ethyl Benzene	11.941	91	558460	30.571	ug/l	99
68) m/p-Xylenes	12.053	106	681526	99.571	ug/l	98
69) o-Xylene	12.376	106	520688	80.248	ug/l	98
70) Styrene	12.376	104	28203	2.666	ug/l #	1
73) Isopropylbenzene	12.670	105	53716	3.001	ug/l	98
76) 1,2,3-Trichloropropane	13.106	75	5525	1.041	ug/l #	1
78) n-propylbenzene	13.018	91	111420	5.100	ug/l	99
79) 2-Chlorotoluene	13.106	91	46678	3.747	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.153	105	81874	5.507	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.829	75	126889	66.701	ug/l #	1

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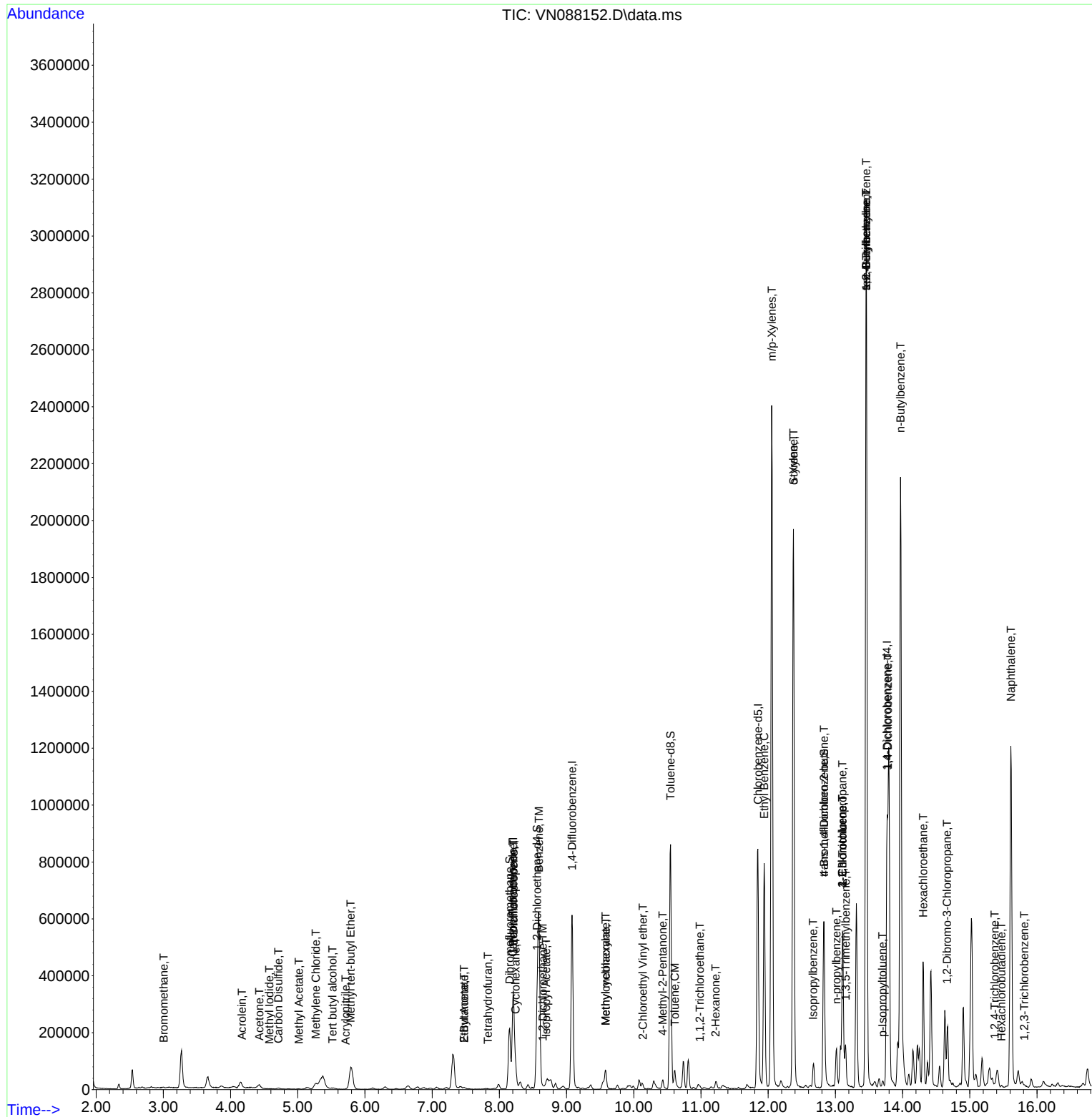
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.106	91	46678	3.463	ug/l #	46
83) tert-Butylbenzene	13.459	119	204520	15.399	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.459	105	1734065	116.574	ug/l	99
85) sec-Butylbenzene	13.459	105	1734065	88.868	ug/l #	58
86) p-Isopropyltoluene	13.700	119	7507	0.480	ug/l #	70
88) 1,4-Dichlorobenzene	13.782	146	1780	0.215	ug/l #	1
89) n-Butylbenzene	13.970	91	220069	14.193	ug/l #	44
90) Hexachloroethane	14.306	117	21603	7.127	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.664	75	932	0.718	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.370	180	2171	0.483	ug/l #	40
94) Hexachlorobutadiene	15.470	225	1102	0.658	ug/l	89
95) Naphthalene	15.611	128	1063636	69.014	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	2099	0.487	ug/l #	83

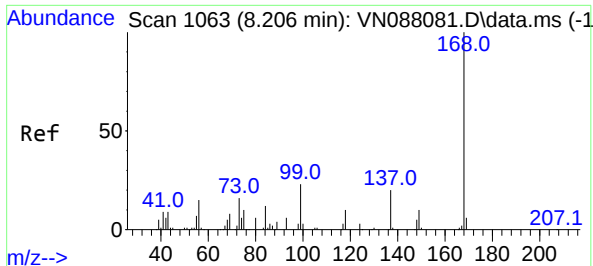
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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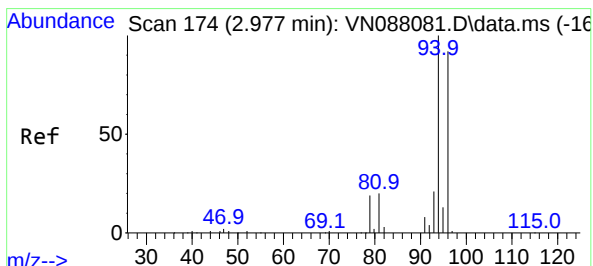
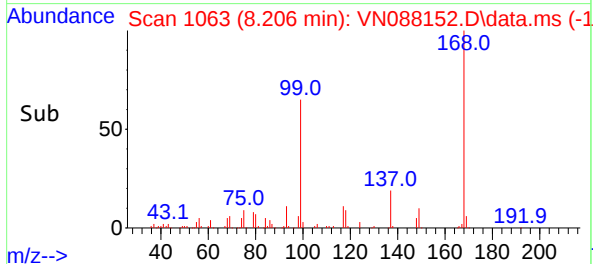
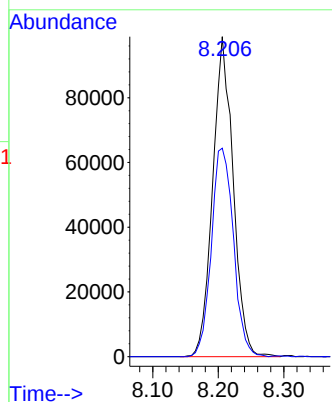
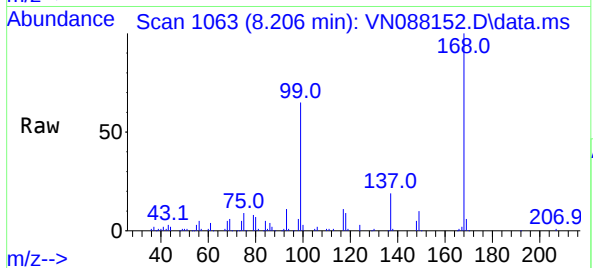




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

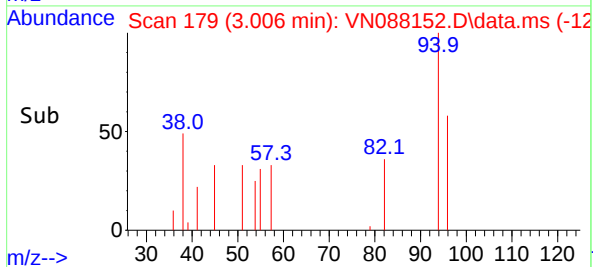
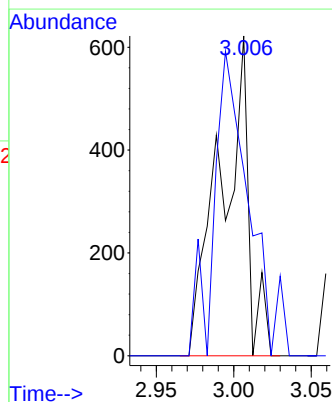
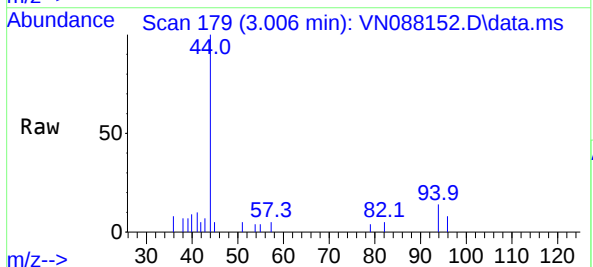
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

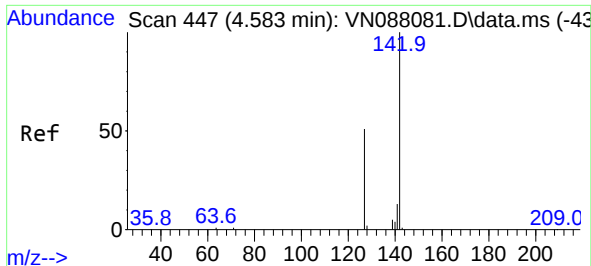
Tgt Ion:168 Resp: 214217
Ion Ratio Lower Upper
168 100
99 65.2 57.2 85.8



#5
Bromomethane
Concen: 0.422 ug/l
RT: 3.006 min Scan# 179
Delta R.T. 0.035 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 94 Resp: 782
Ion Ratio Lower Upper
94 100
96 58.0 75.4 113.2#

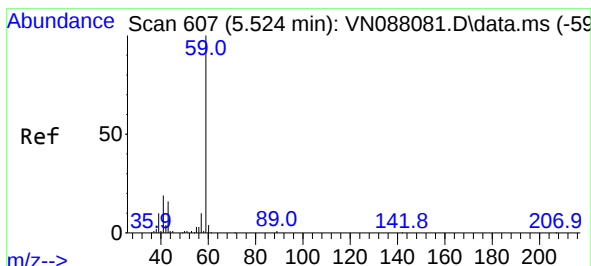
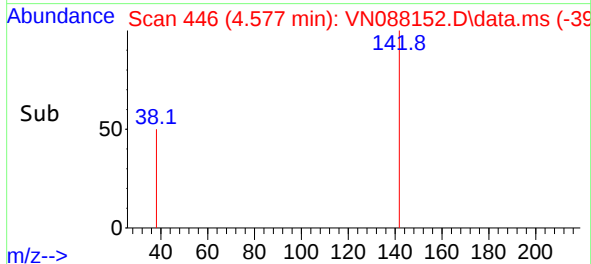
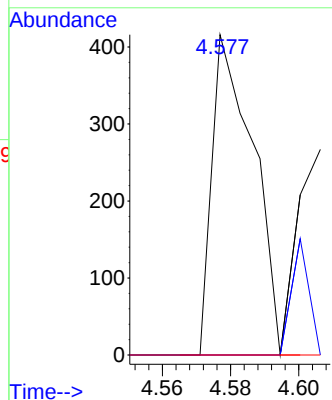
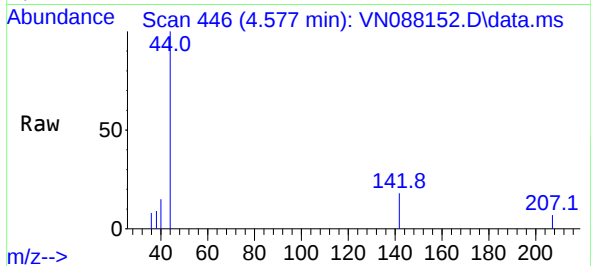




#10
Methyl Iodide
Concen: 4.338 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

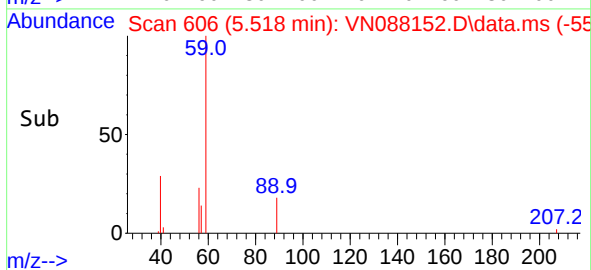
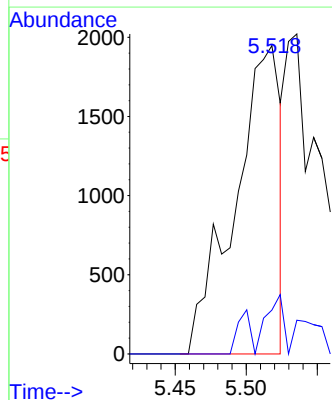
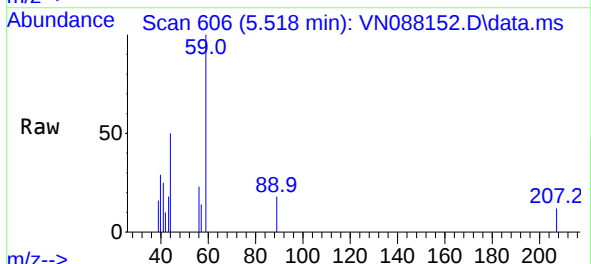
Instrument :
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ClientSampleId :
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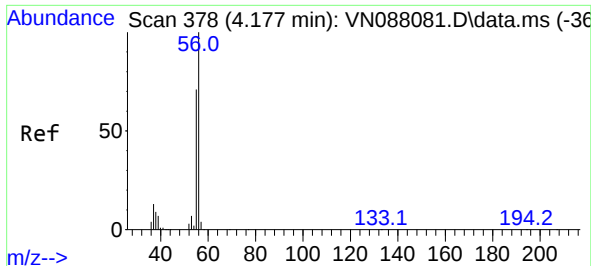
Tgt Ion:142 Resp: 348
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 6.787 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 59 Resp: 4331
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

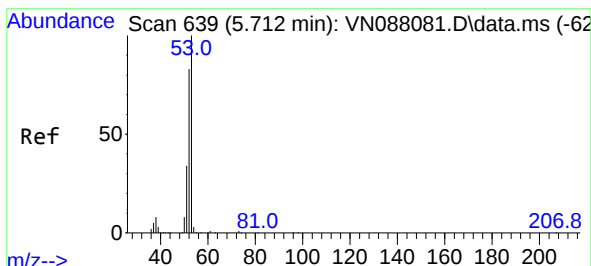
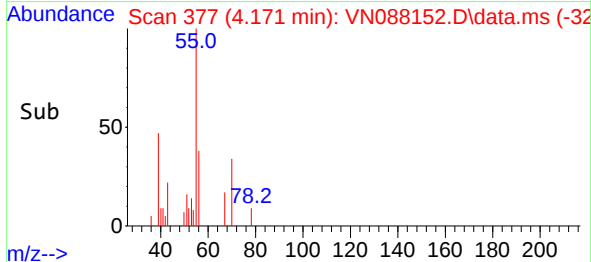
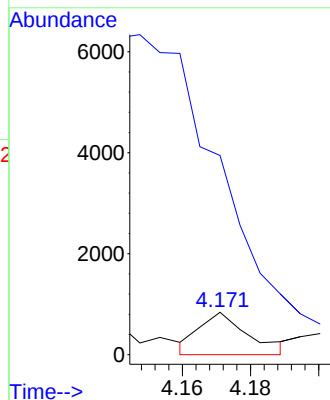
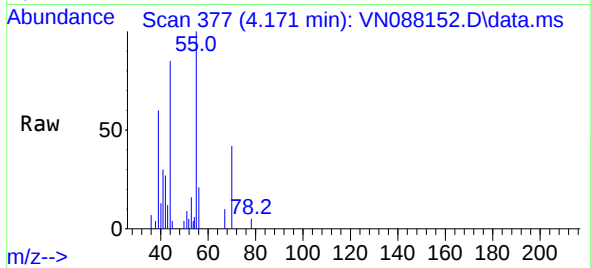




#13
Acrolein
Concen: 1.167 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

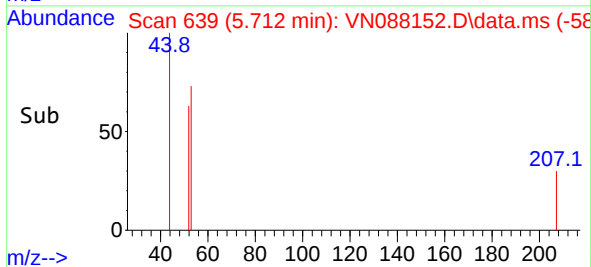
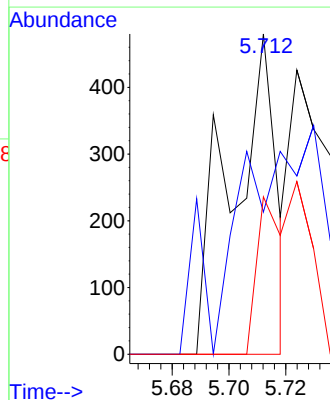
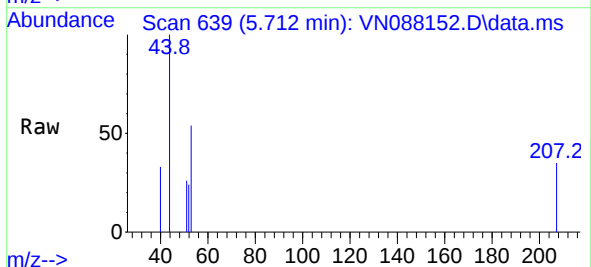
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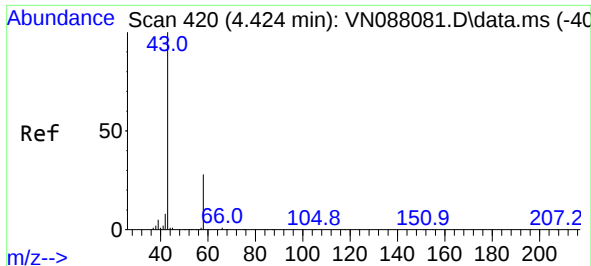
Tgt Ion: 56 Resp: 838
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#15
Acrylonitrile
Concen: 0.303 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 53 Resp: 526
Ion Ratio Lower Upper
53 100
52 152.9 67.6 101.4#
51 55.7 30.1 45.1#

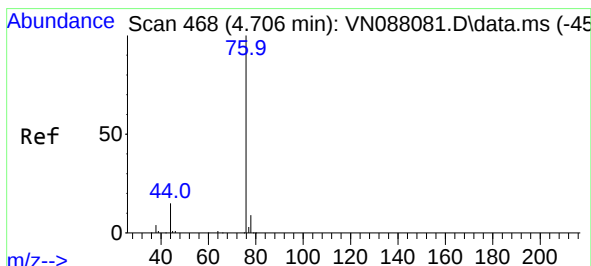
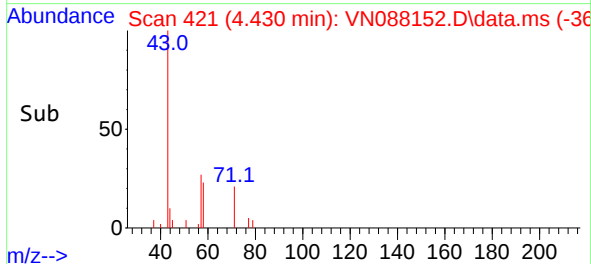
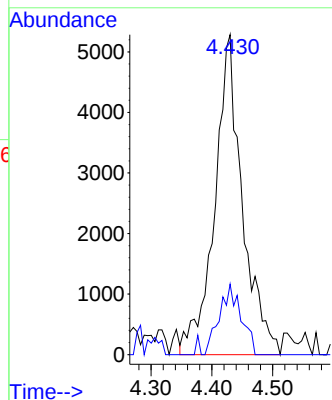
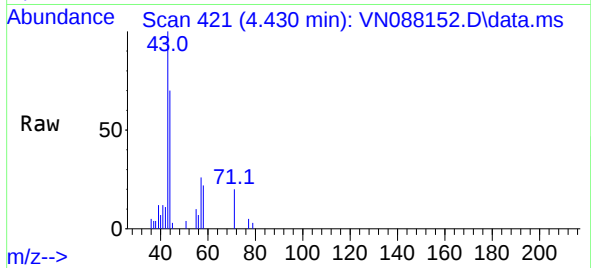




#16
Acetone
Concen: 8.960 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

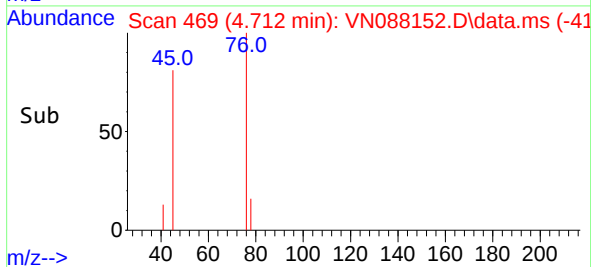
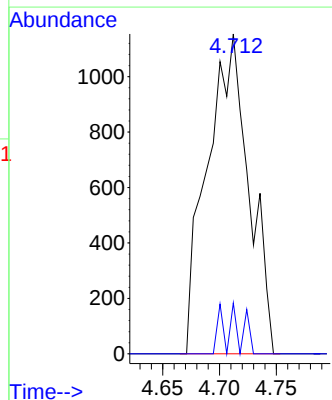
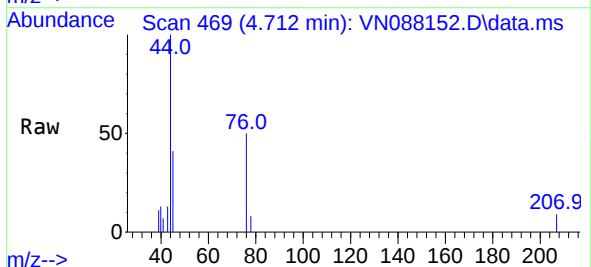
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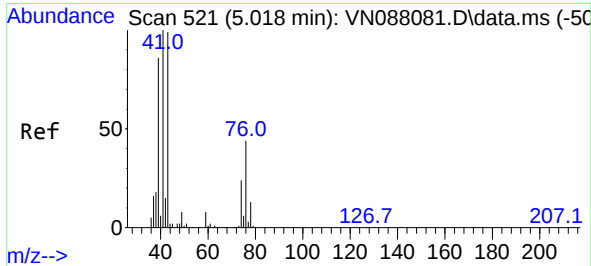
Tgt Ion: 43 Resp: 16674
Ion Ratio Lower Upper
43 100
58 22.1 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.361 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 76 Resp: 2954
Ion Ratio Lower Upper
76 100
78 15.9 7.6 11.4#

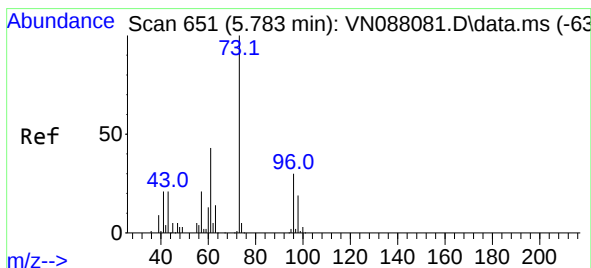
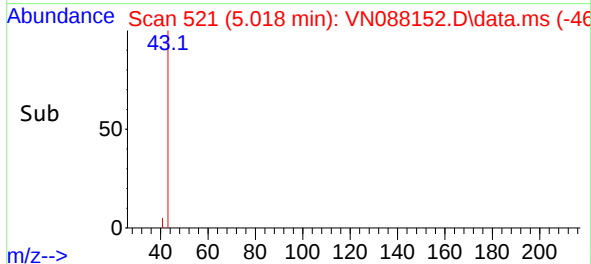
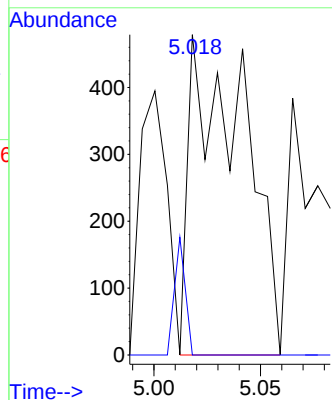
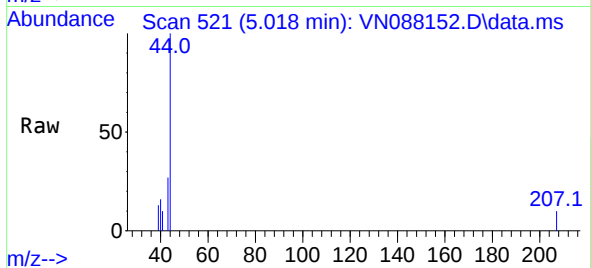




#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088152.D
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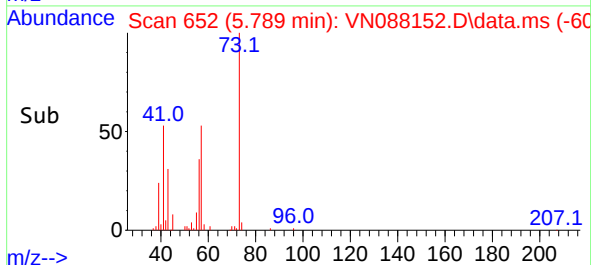
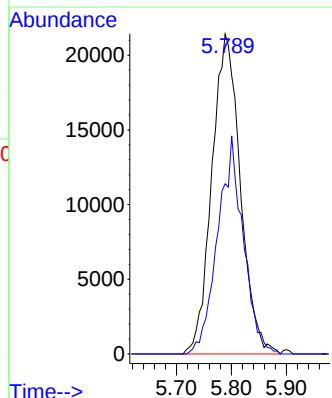
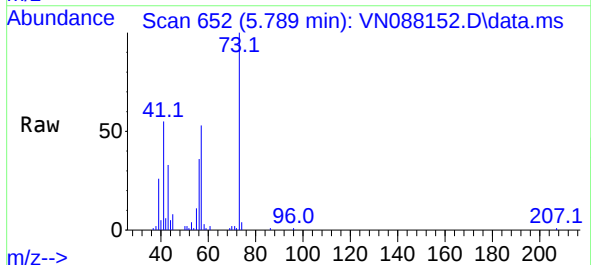
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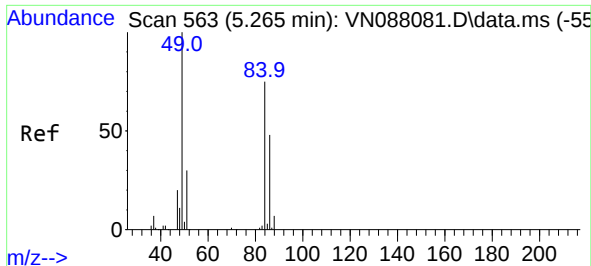
Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
74 7.3 17.6 26.4#



#19
Methyl tert-butyl Ether
Concen: 7.777 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 73 Resp: 76900
Ion Ratio Lower Upper
73 100
57 53.2 18.4 27.6#

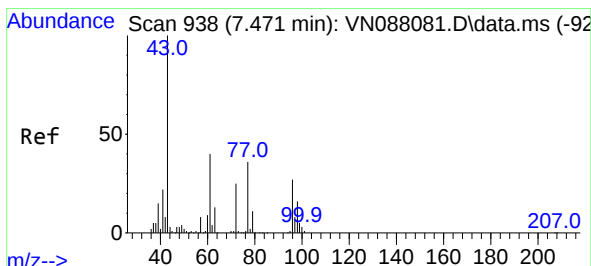
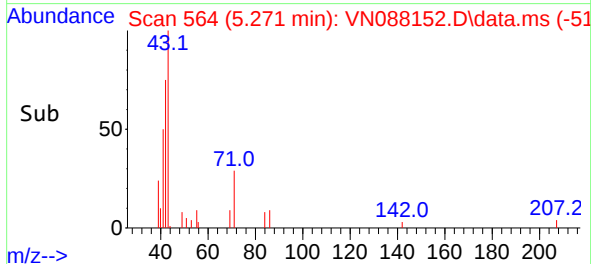
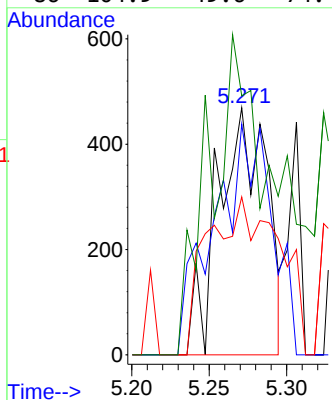
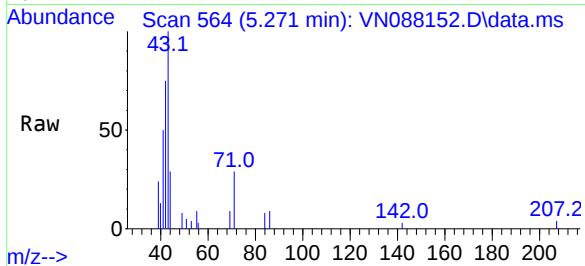




#20
Methylene Chloride
Concen: 1.123 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088152.D
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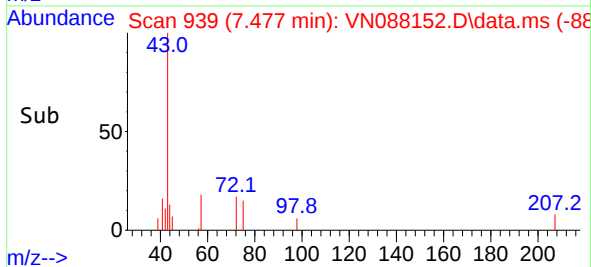
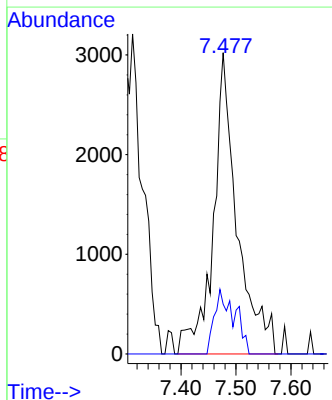
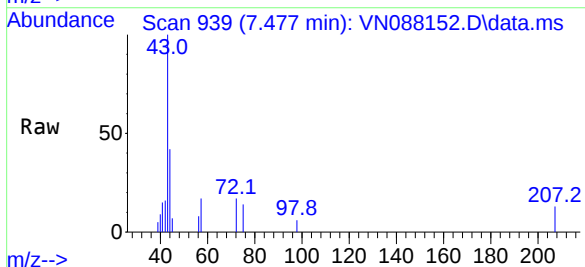
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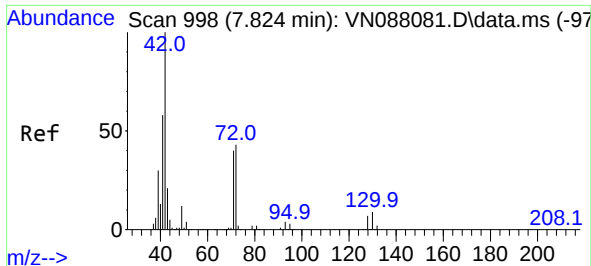
Tgt Ion: 84 Resp: 1030
Ion Ratio Lower Upper
84 100
49 93.4 103.4 155.2#
51 64.0 33.8 50.8#
86 104.9 49.6 74.4#



#25
2-Butanone
Concen: 3.728 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 43 Resp: 9142
Ion Ratio Lower Upper
43 100
72 16.5 19.9 29.9#

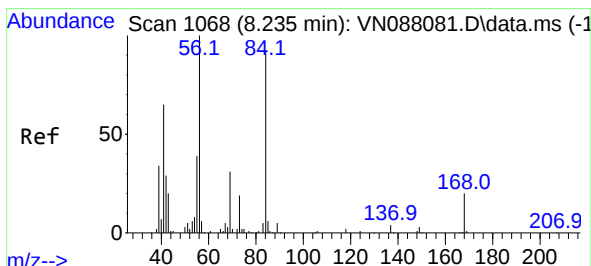
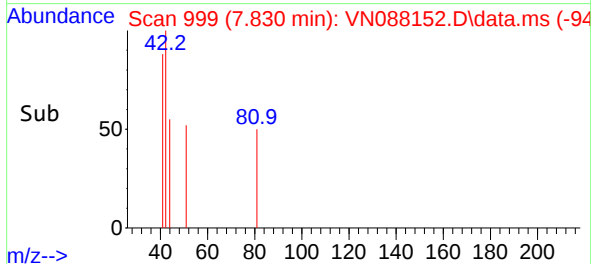
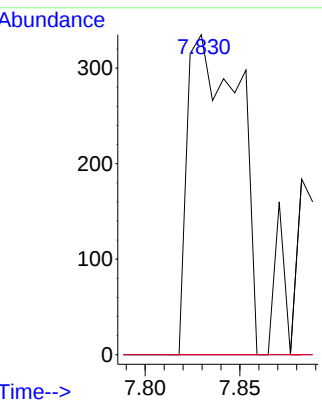
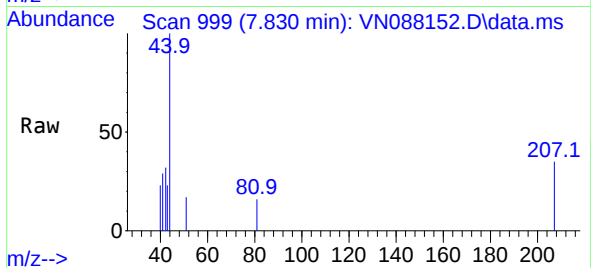




#29
Tetrahydrofuran
Concen: 0.392 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

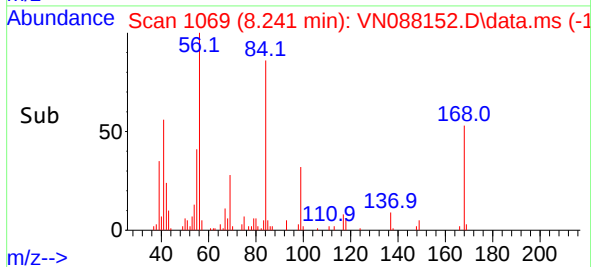
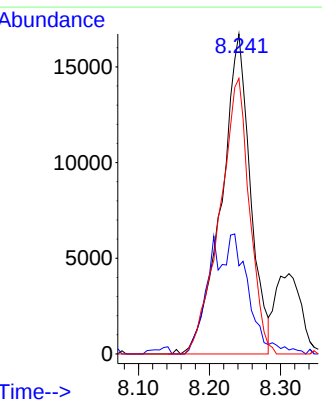
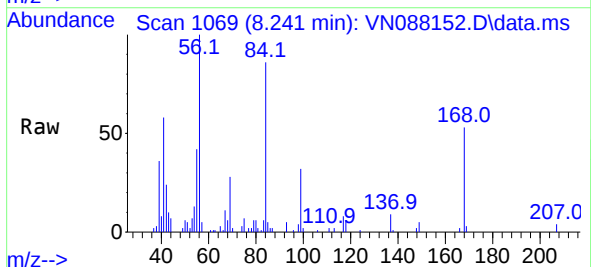
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

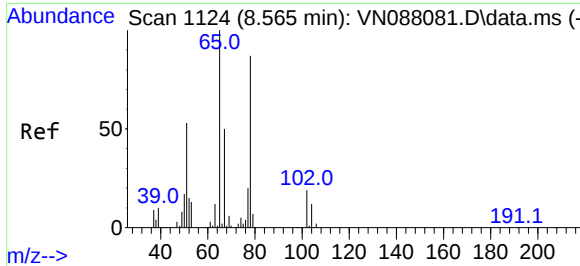
Tgt Ion:	42	Resp:	627
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	0.0	31.9	47.9#



#31
Cyclohexane
Concen: 9.135 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion:	56	Resp:	47366
Ion	Ratio	Lower	Upper
56	100		
69	25.3	23.7	35.5
84	86.1	64.7	97.1

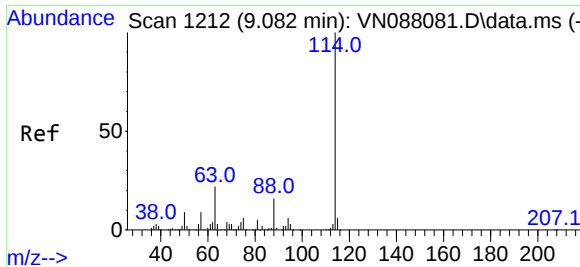
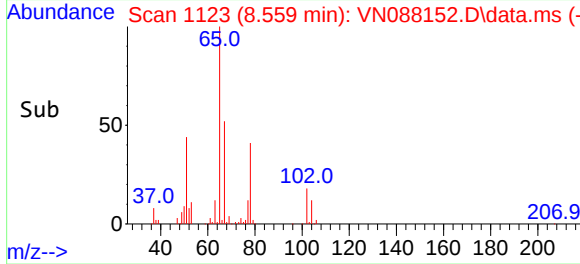
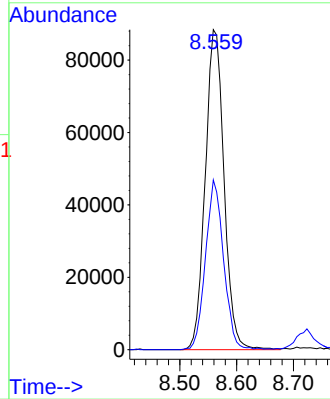
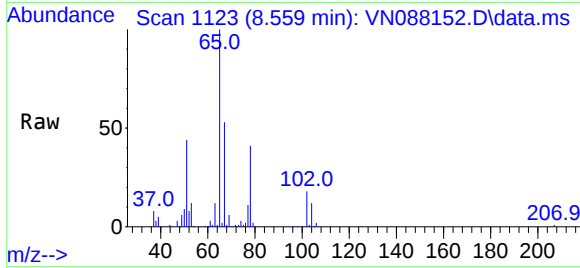




#33
1,2-Dichloroethane-d4
Concen: 54.800 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

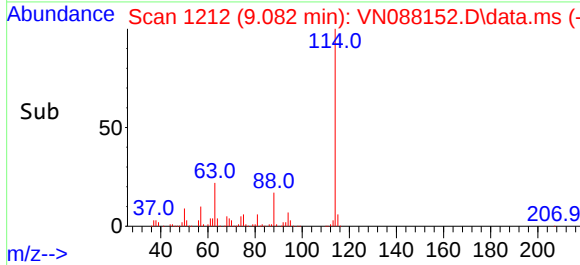
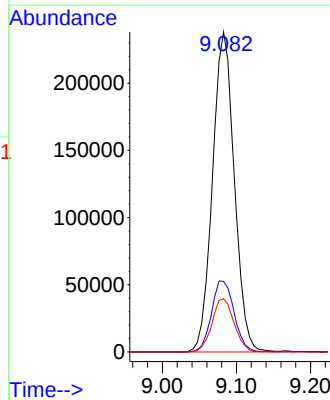
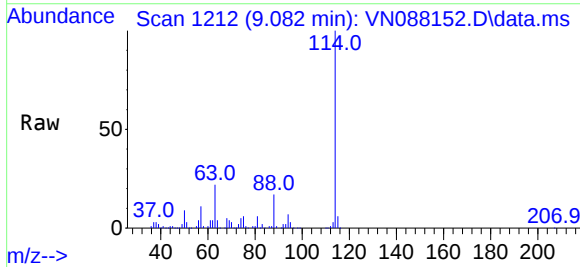
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

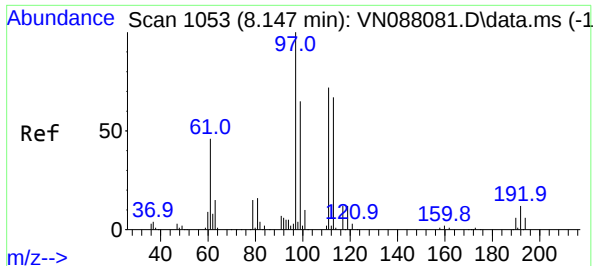
Tgt Ion: 65 Resp: 202995
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion:114 Resp: 486300
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.2
88 16.6 0.0 33.4

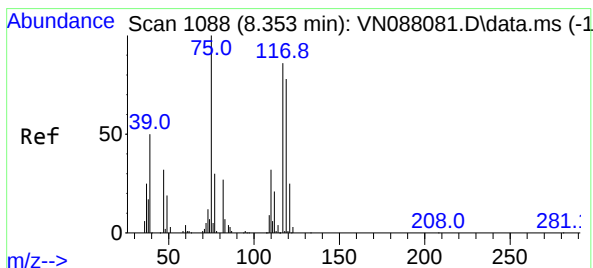
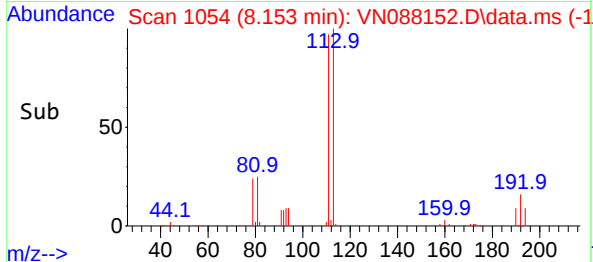
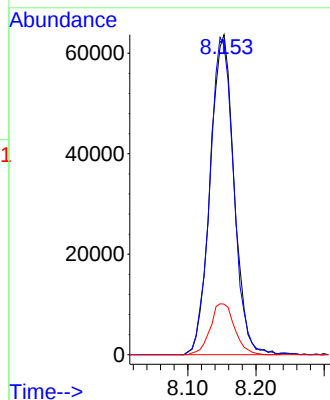
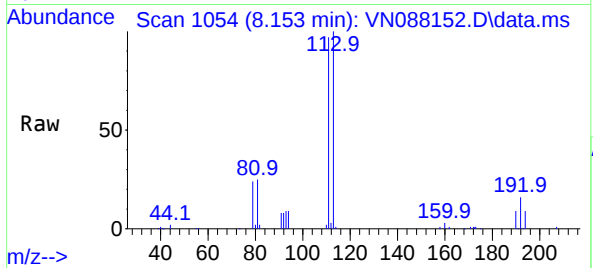




#35
Dibromofluoromethane
Concen: 47.557 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

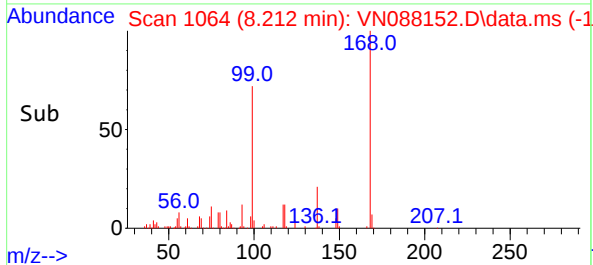
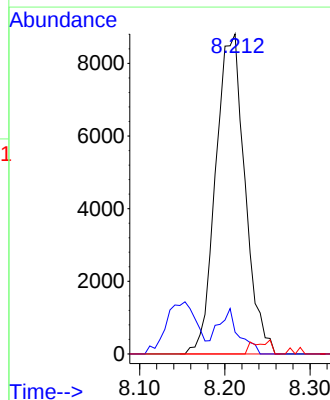
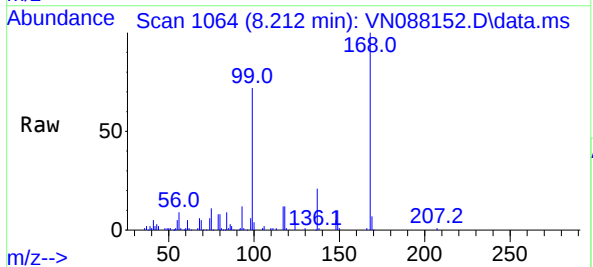
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

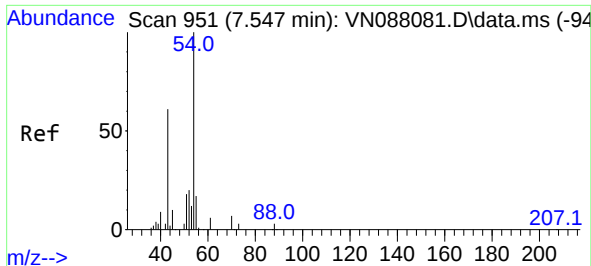
Tgt Ion:113 Resp: 155367
Ion Ratio Lower Upper
113 100
111 99.1 82.8 124.2
192 16.2 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.396 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.141 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 75 Resp: 20969
Ion Ratio Lower Upper
75 100
110 10.4 15.9 47.6#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.485 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.071 min

Lab File: VN088152.D

Acq: 29 Oct 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

MW-08DL

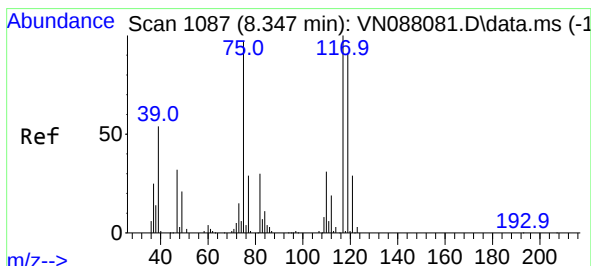
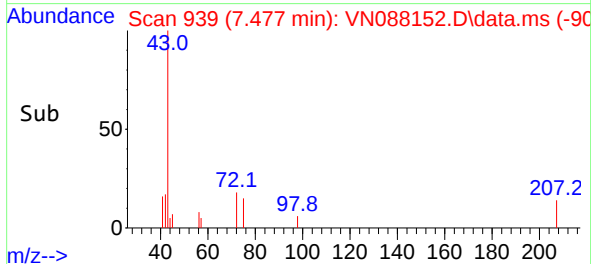
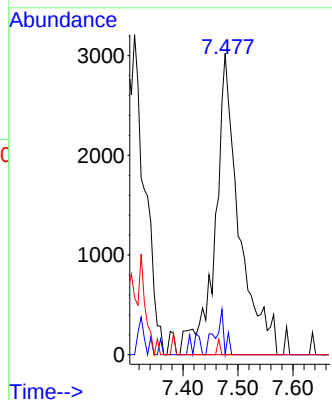
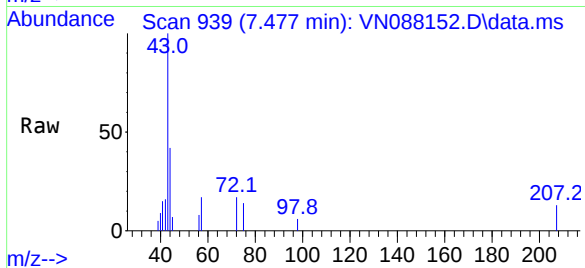
Tgt Ion: 43 Resp: 9142

Ion Ratio Lower Upper

43 100

61 5.7 9.3 13.9#

70 0.6 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.362 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.141 min

Lab File: VN088152.D

Acq: 29 Oct 2025 12:21

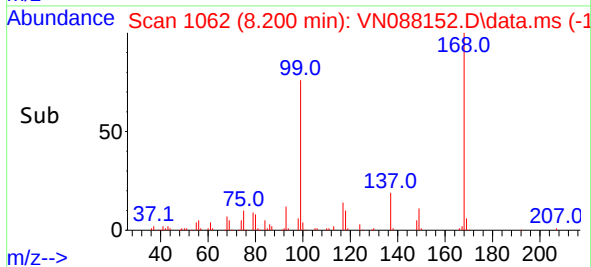
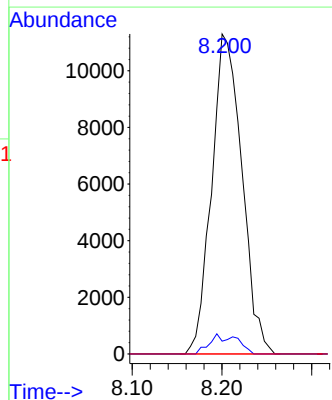
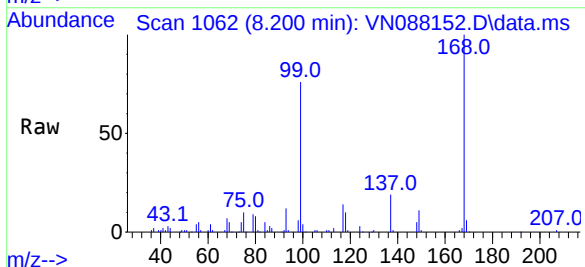
Tgt Ion: 117 Resp: 26417

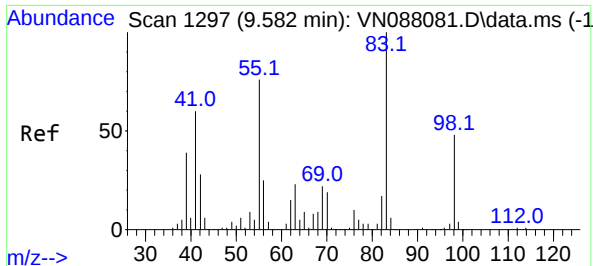
Ion Ratio Lower Upper

117 100

119 4.0 79.0 118.6#

121 0.0 25.0 37.6#

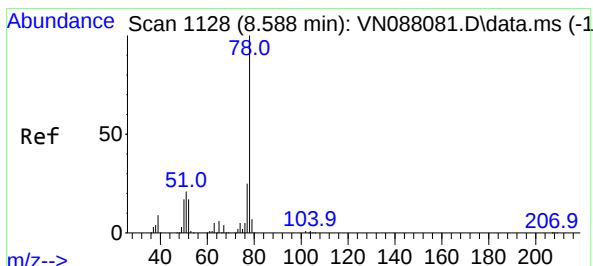
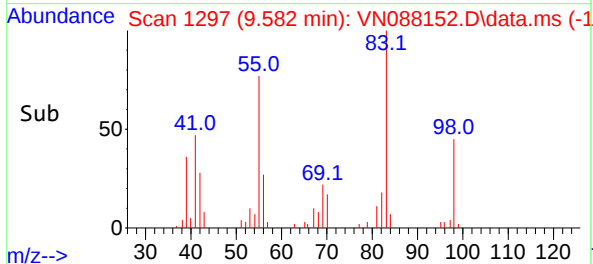
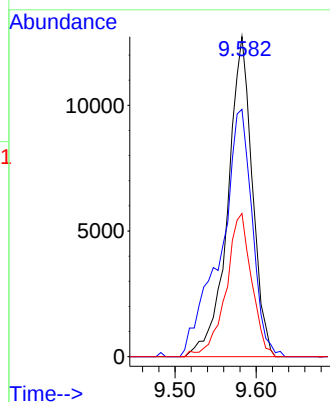
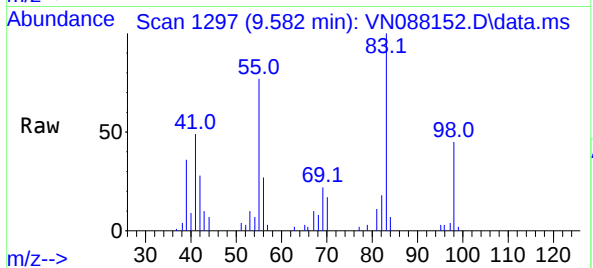




#39
Methylcyclohexane
Concen: 4.353 ug/l
RT: 9.582 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

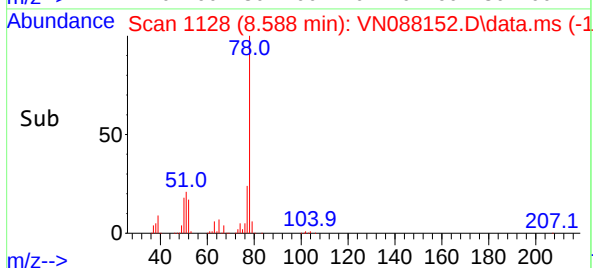
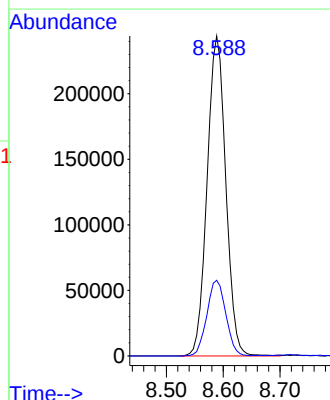
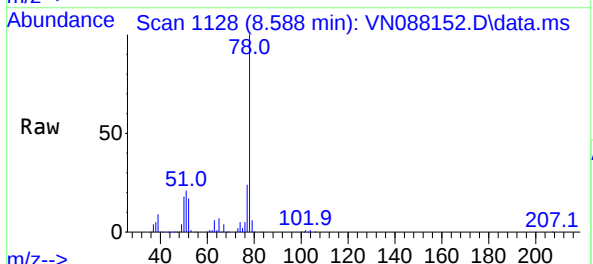
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

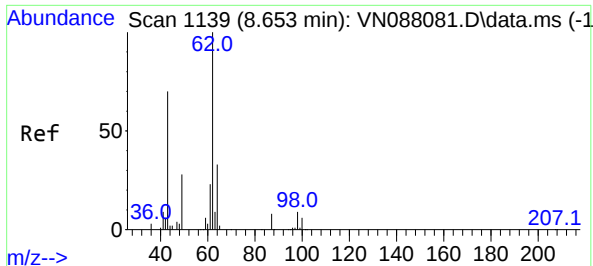
Tgt Ion: 83 Resp: 26693
Ion Ratio Lower Upper
83 100
55 77.3 64.6 96.8
98 44.7 38.4 57.6



#40
Benzene
Concen: 38.244 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 78 Resp: 555580
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5

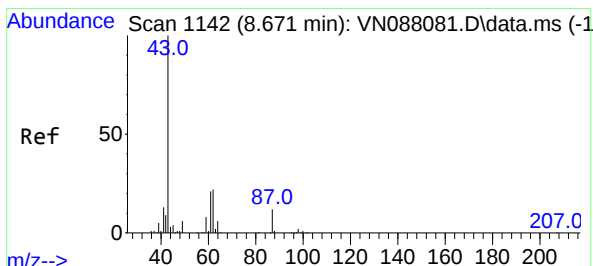
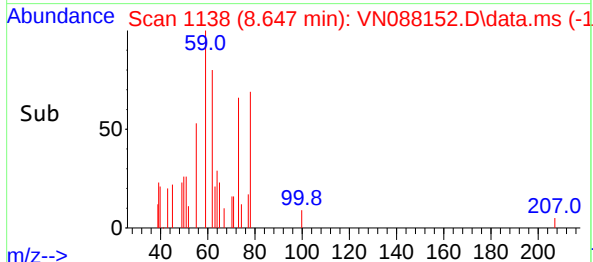
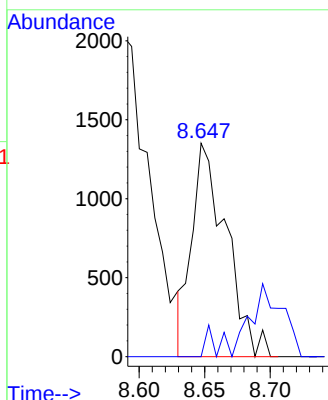
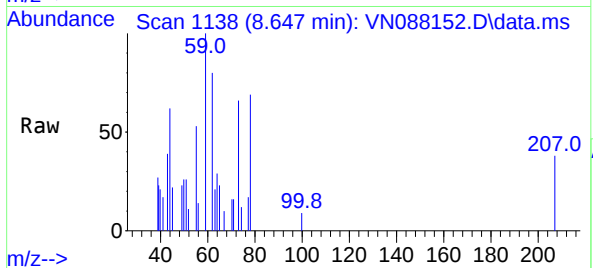




#42
1,2-Dichloroethane
Concen: 0.477 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

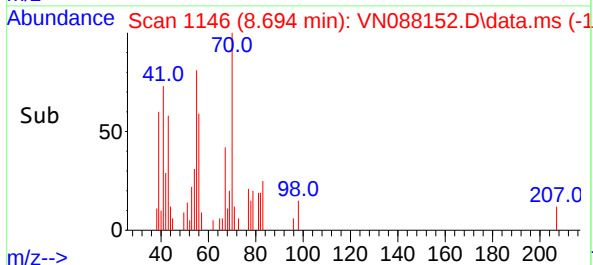
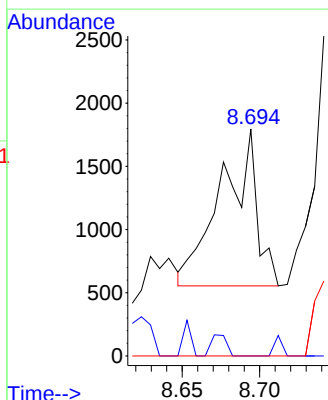
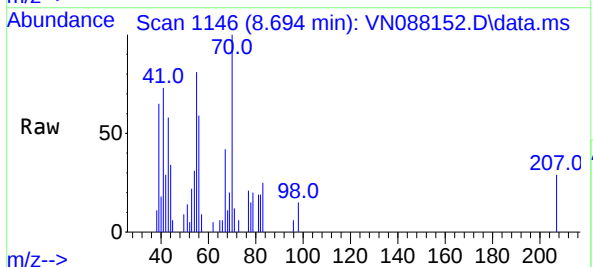
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

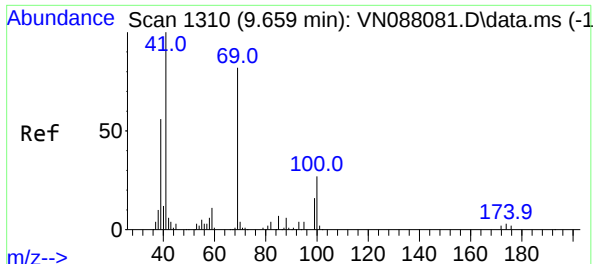
Tgt Ion: 62 Resp: 2461
Ion Ratio Lower Upper
62 100
98 2.9 0.0 17.4



#43
Isopropyl Acetate
Concen: 0.211 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.023 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 43 Resp: 1999
Ion Ratio Lower Upper
43 100
61 0.0 18.8 28.2#
87 0.0 9.6 14.4#





#48

Methyl methacrylate

Concen: 3.290 ug/l

RT: 9.582 min Scan# 1

Delta R.T. -0.082 min

Lab File: VN088152.D

Acq: 29 Oct 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

MW-08DL

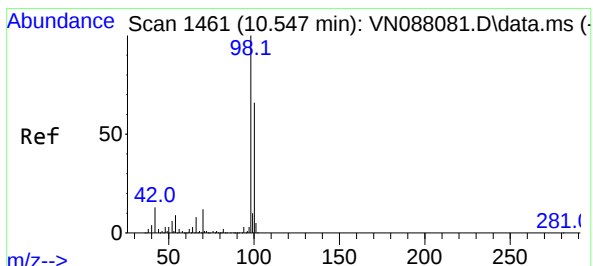
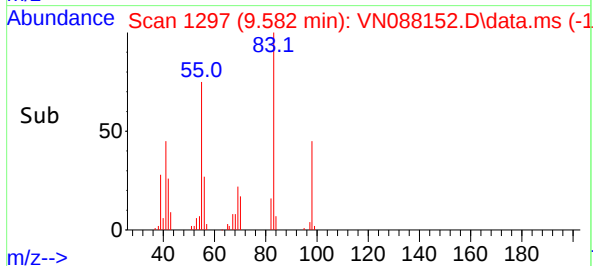
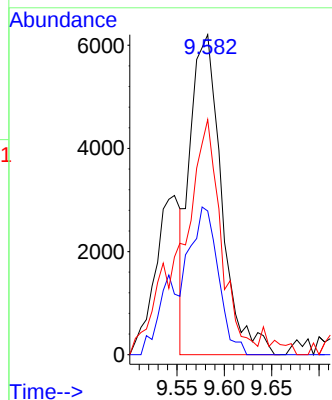
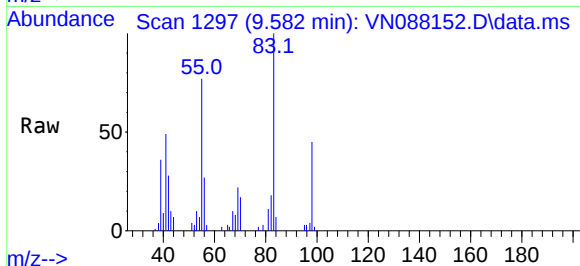
Tgt Ion: 41 Resp: 14370

Ion Ratio Lower Upper

41 100

69 42.6 62.7 94.1#

39 95.0 52.9 79.3#



#50

Toluene-d8

Concen: 45.247 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088152.D

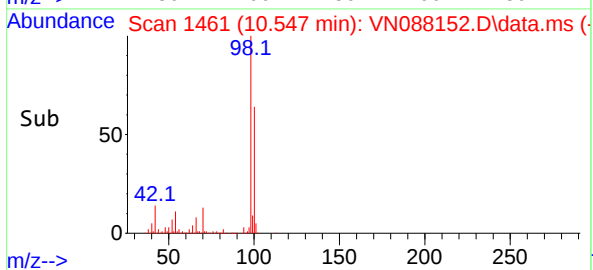
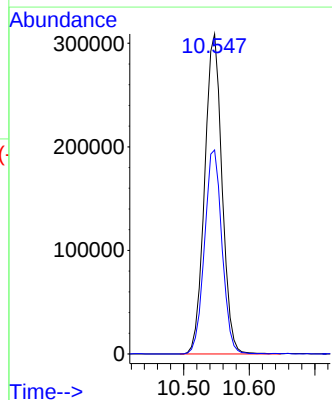
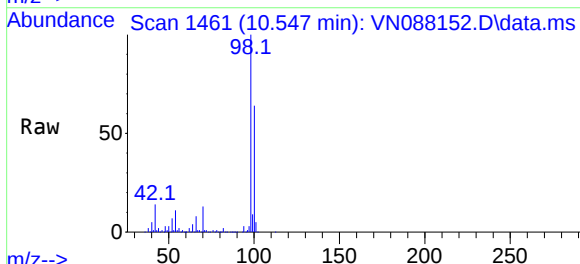
Acq: 29 Oct 2025 12:21

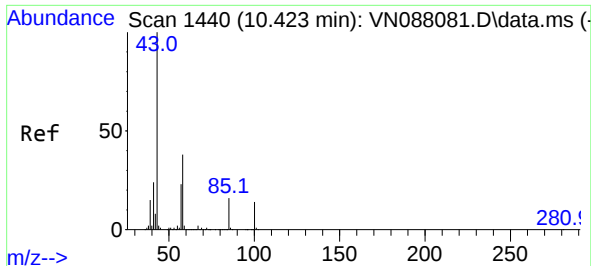
Tgt Ion: 98 Resp: 569581

Ion Ratio Lower Upper

98 100

100 64.1 52.8 79.2

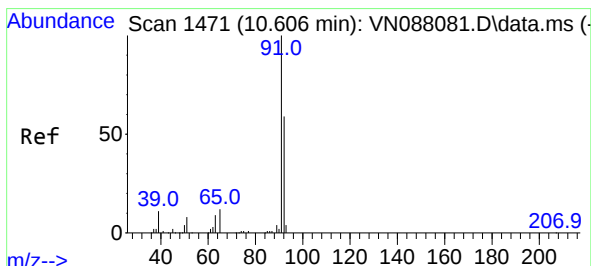
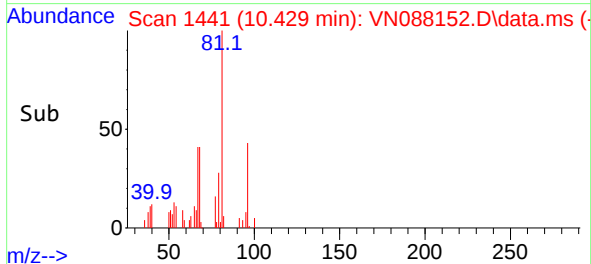
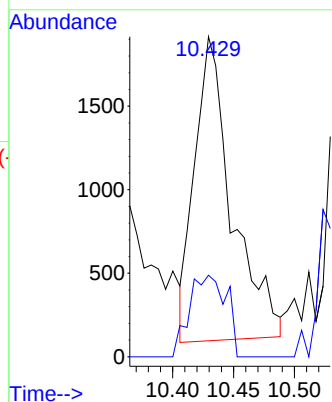
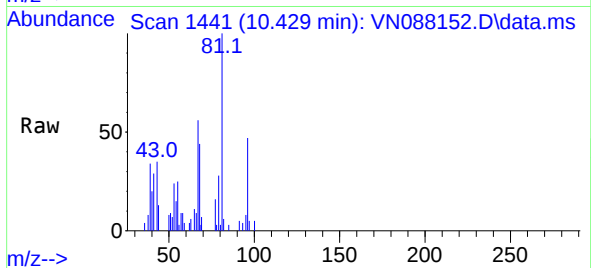




#51
4-Methyl-2-Pentanone
Concen: 0.692 ug/l
RT: 10.429 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

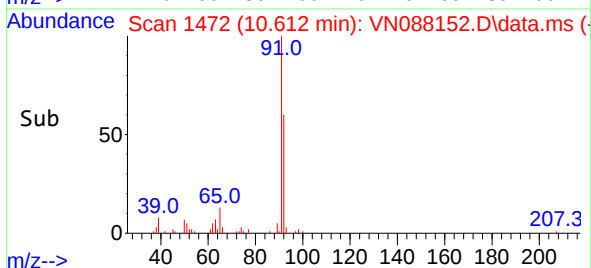
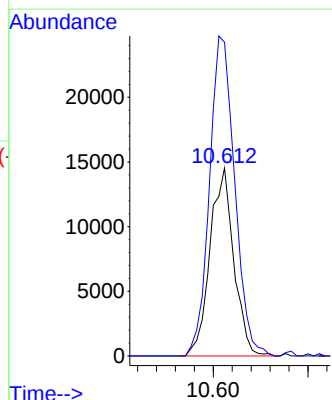
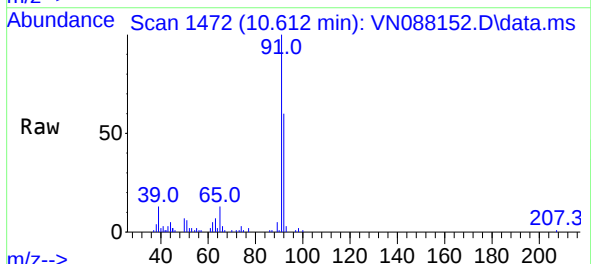
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

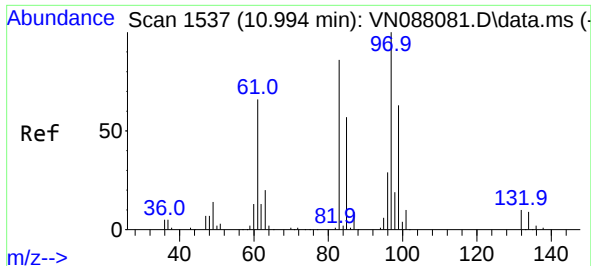
Tgt Ion: 43 Resp: 3873
Ion Ratio Lower Upper
43 100
58 26.7 29.6 44.4#



#52
Toluene
Concen: 2.834 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 92 Resp: 25383
Ion Ratio Lower Upper
92 100
91 180.5 140.4 210.6

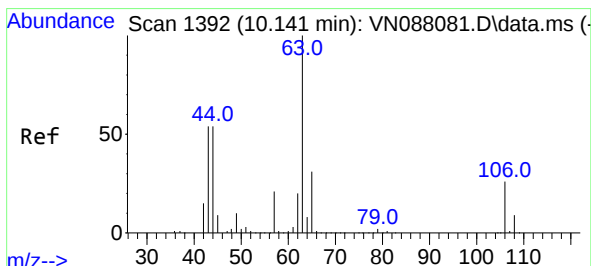
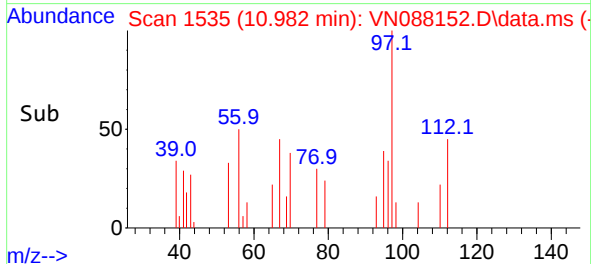
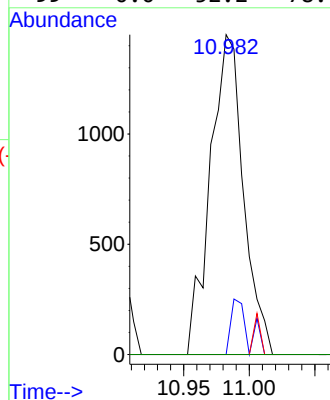
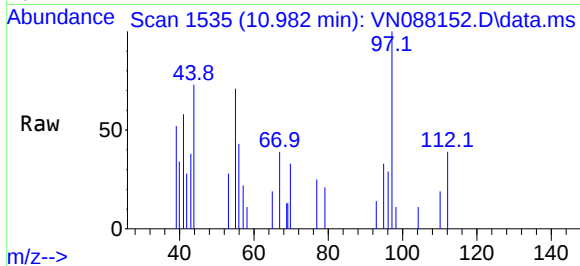




#55
1,1,2-Trichloroethane
Concen: 0.750 ug/l
RT: 10.982 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

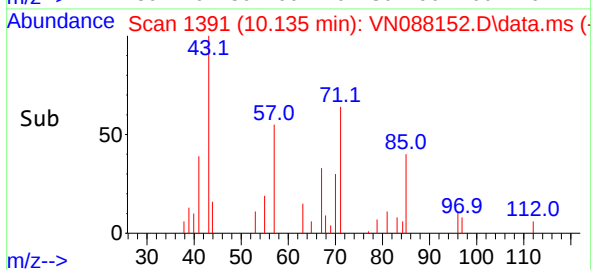
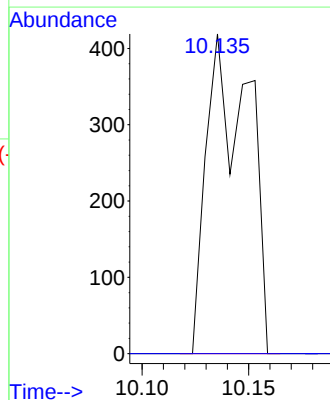
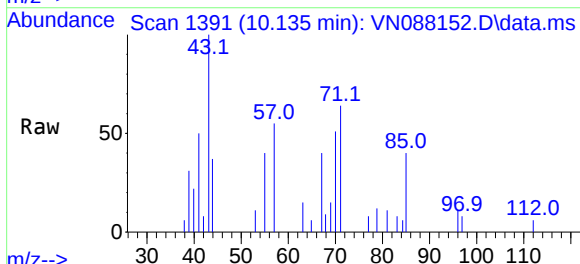
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

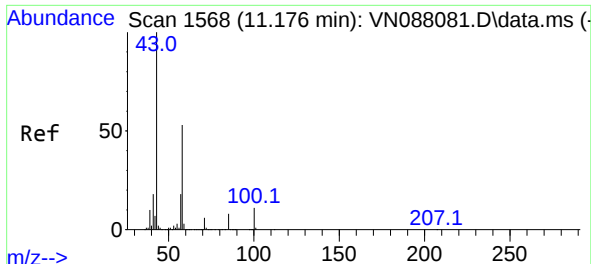
Tgt Ion:	97	Resp:	2547
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.2	102.4#
85	0.0	45.5	68.3#
99	0.0	52.2	78.4#



#58
2-Chloroethyl Vinyl ether
Concen: 0.205 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion:	63	Resp:	573
Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.1	31.7#

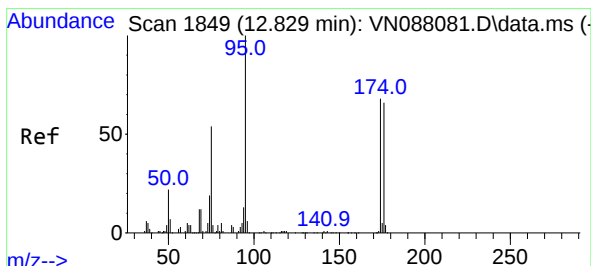
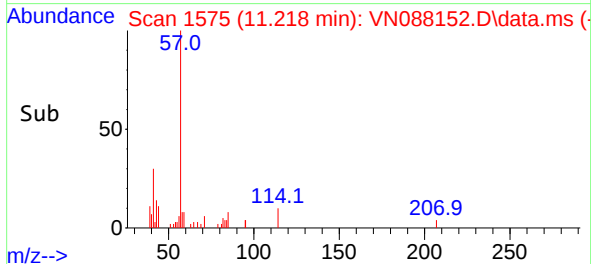
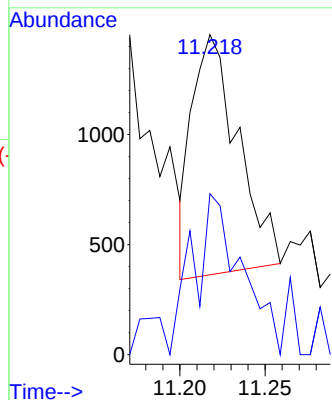
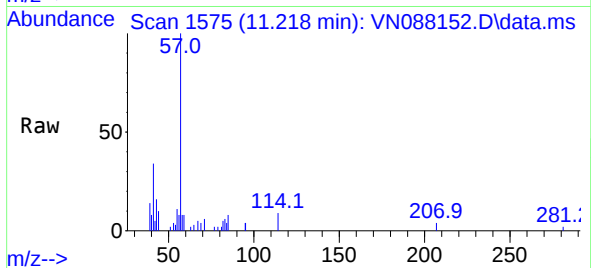




#59
2-Hexanone
Concen: 0.550 ug/l
RT: 11.218 min Scan# 1575
Delta R.T. 0.041 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

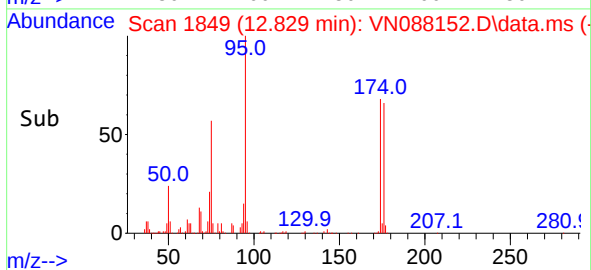
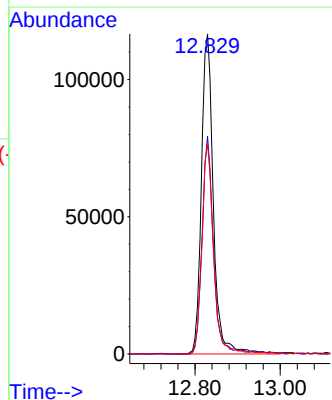
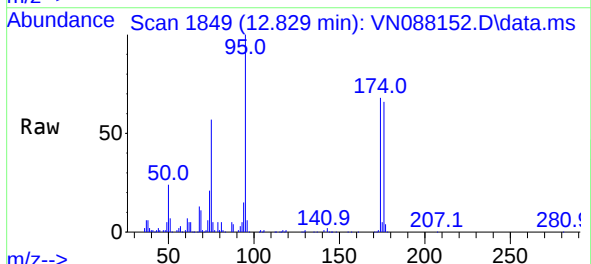
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

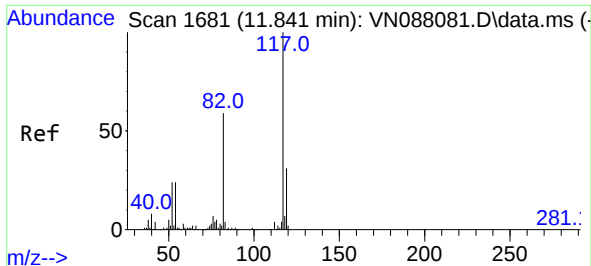
Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
58 70.5 25.9 77.8



#62
4-Bromofluorobenzene
Concen: 51.107 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 95 Resp: 227206
Ion Ratio Lower Upper
95 100
174 64.8 0.0 138.4
176 62.9 0.0 132.6

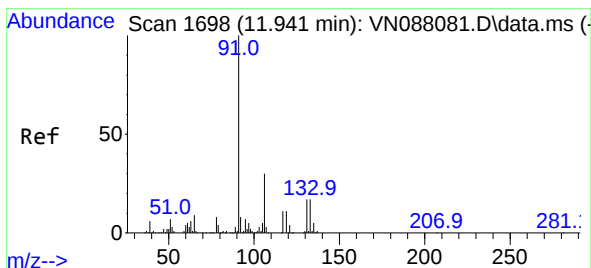
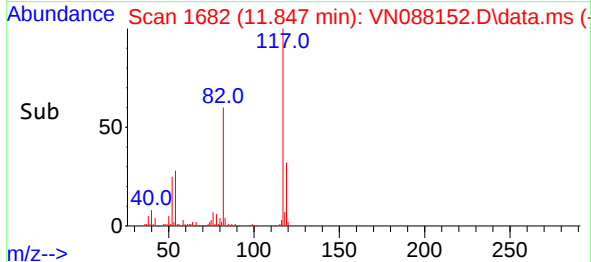
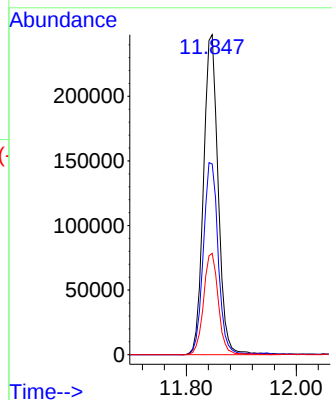
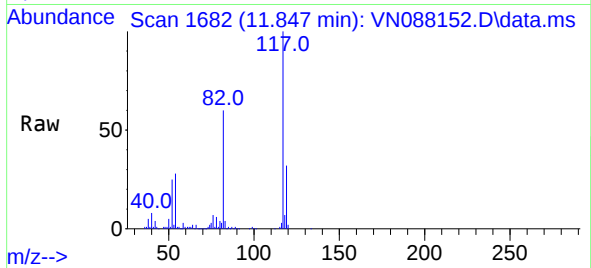




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

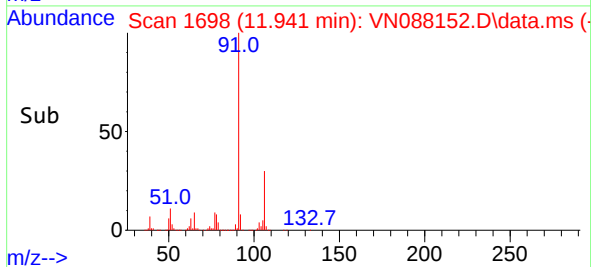
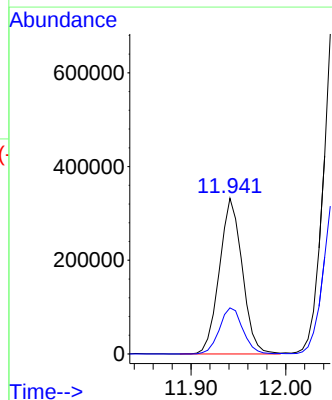
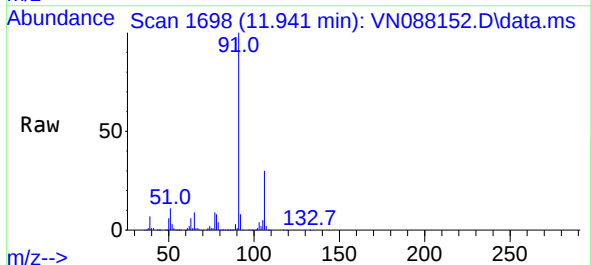
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

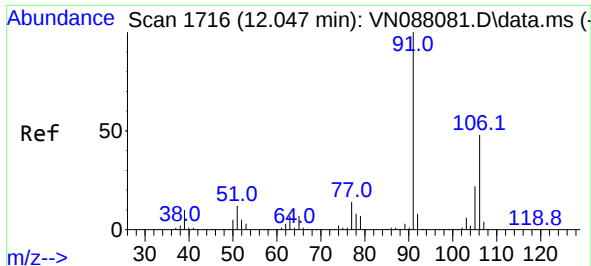
Tgt Ion:117 Resp: 458325
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.6 24.3 36.5



#67
Ethyl Benzene
Concen: 30.571 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 91 Resp: 558460
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1

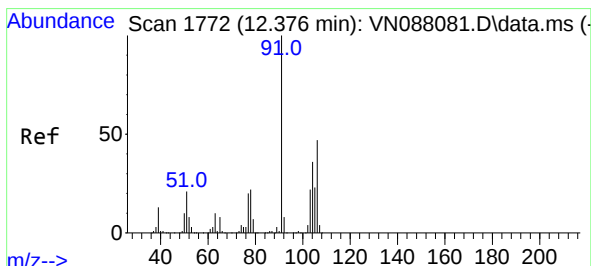
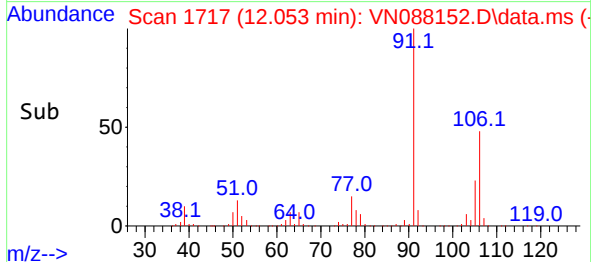
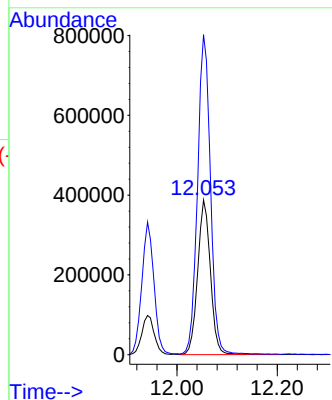
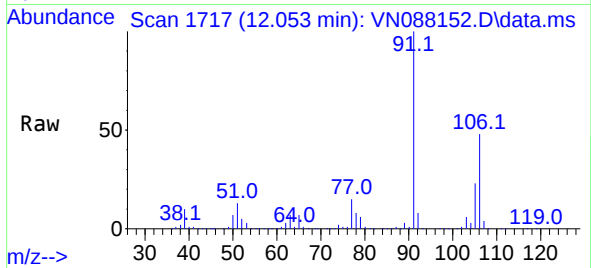




#68
m/p-Xylenes
Concen: 99.571 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

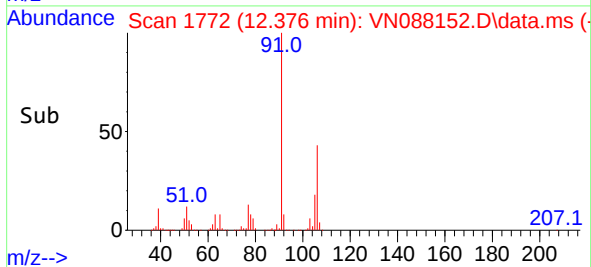
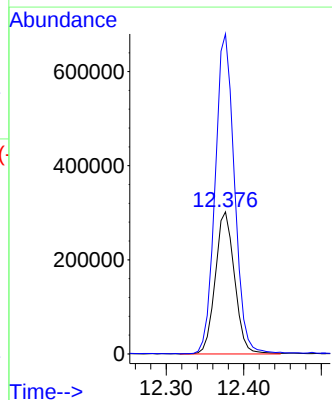
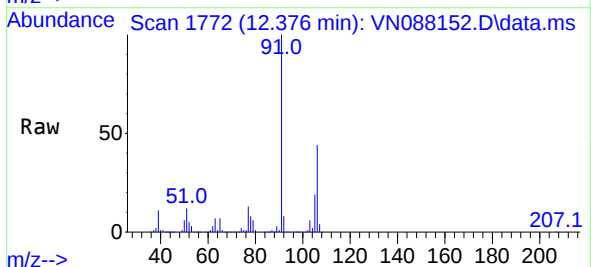
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

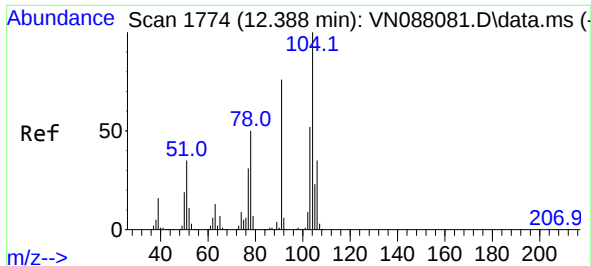
Tgt Ion:106 Resp: 681526
Ion Ratio Lower Upper
106 100
91 208.6 169.3 253.9



#69
o-Xylene
Concen: 80.248 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion:106 Resp: 520688
Ion Ratio Lower Upper
106 100
91 226.2 111.4 334.2

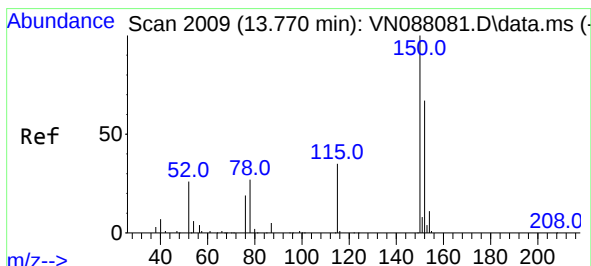
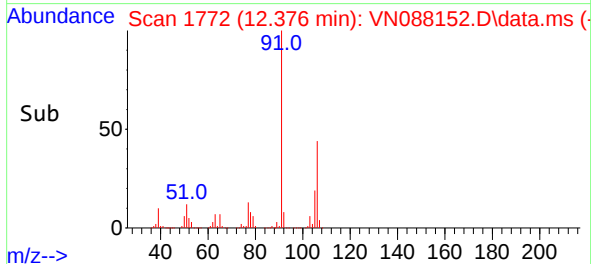
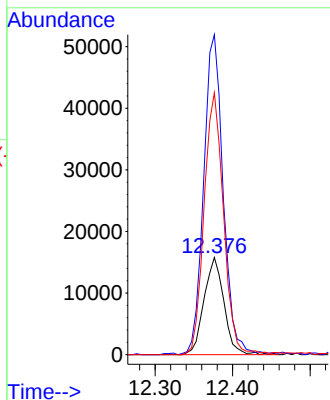
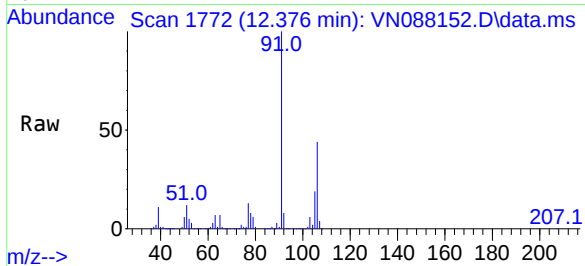




#70
Styrene
Concen: 2.666 ug/l
RT: 12.376 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

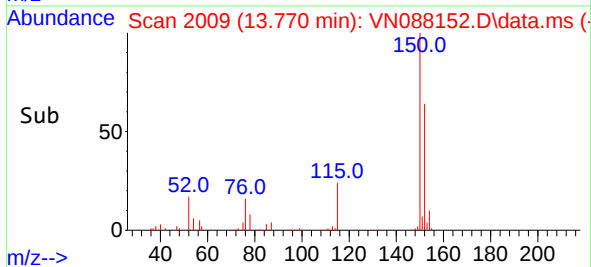
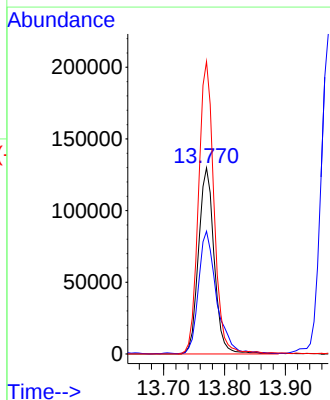
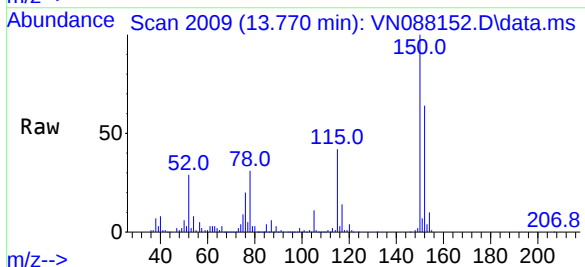
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

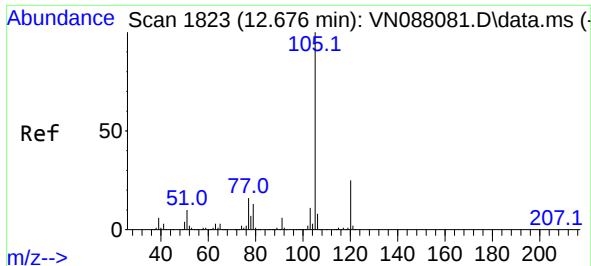
Tgt Ion:104 Resp: 28203
Ion Ratio Lower Upper
104 100
78 322.4 42.2 63.2#
103 263.1 43.4 65.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion:152 Resp: 232108
Ion Ratio Lower Upper
152 100
115 75.9 32.3 96.8
150 155.7 0.0 351.0

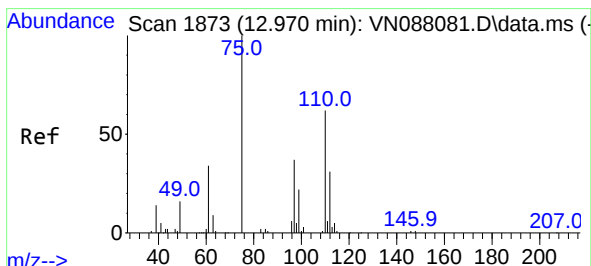
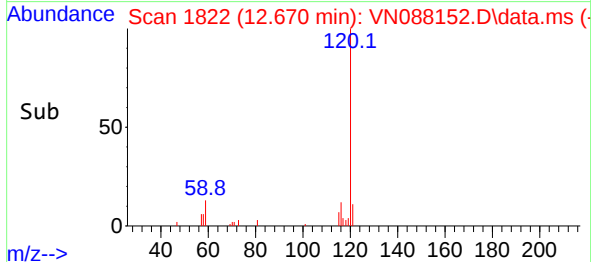
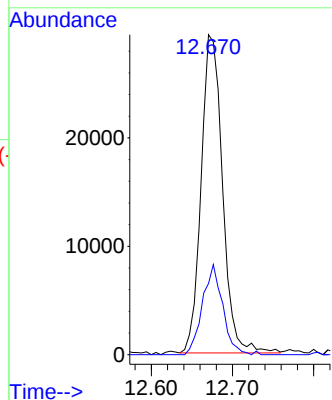
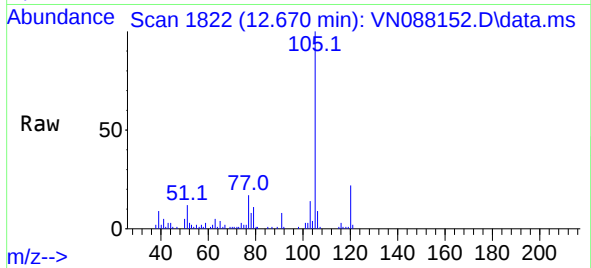




#73
Isopropylbenzene
Concen: 3.001 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

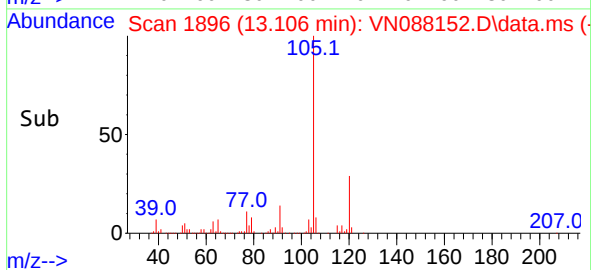
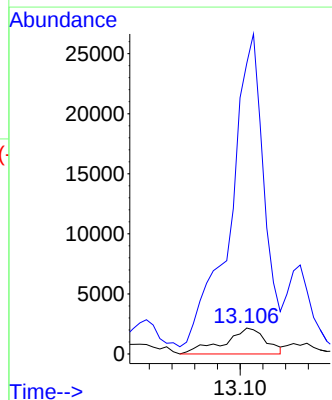
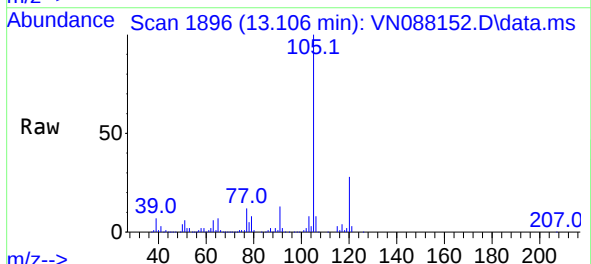
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

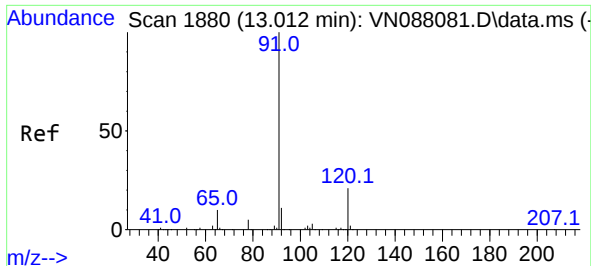
Tgt Ion:105 Resp: 53716
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.3



#76
1,2,3-Trichloropropane
Concen: 1.041 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.135 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 75 Resp: 5525
Ion Ratio Lower Upper
75 100
77 1018.2 89.1 267.4#

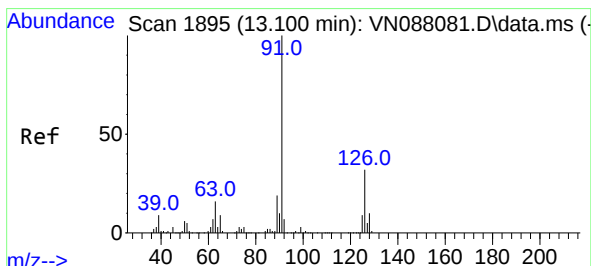
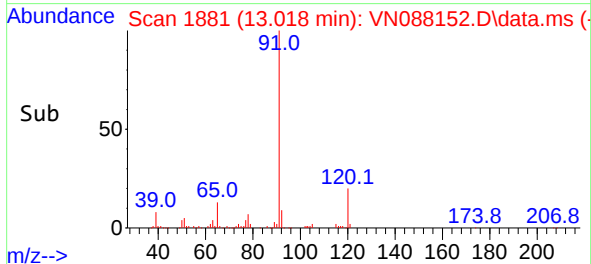
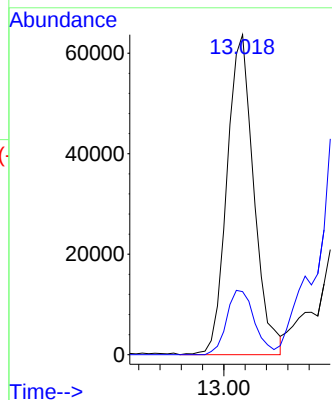
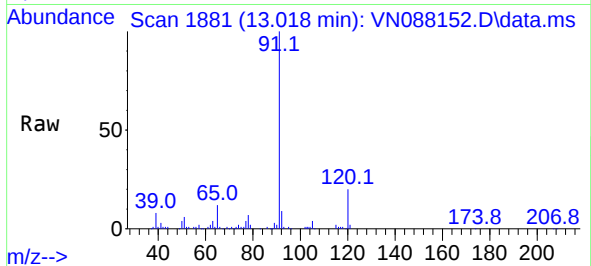




#78
n-propylbenzene
Concen: 5.100 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

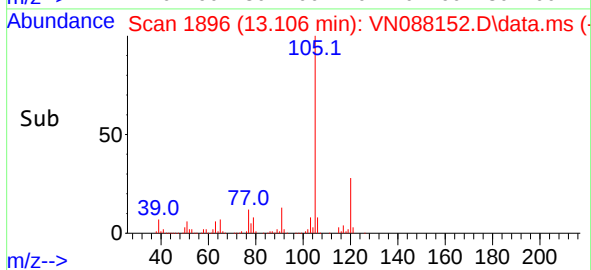
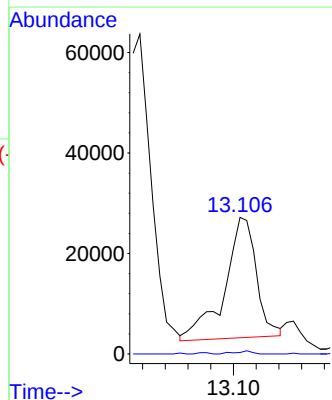
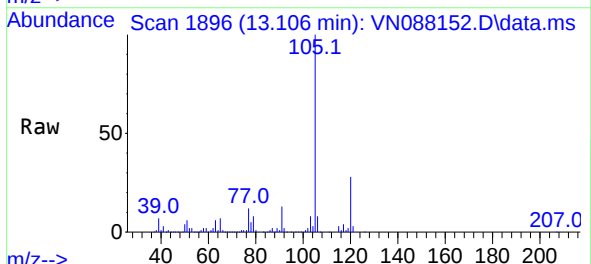
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

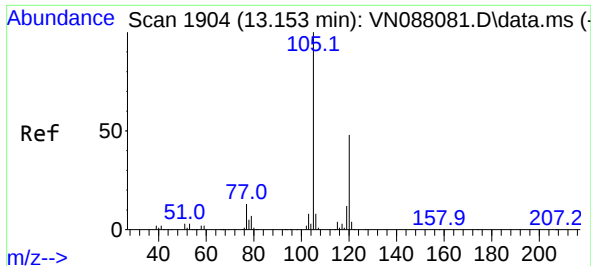
Tgt Ion: 91 Resp: 111420
Ion Ratio Lower Upper
91 100
120 20.8 10.7 32.1



#79
2-Chlorotoluene
Concen: 3.747 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 91 Resp: 46678
Ion Ratio Lower Upper
91 100
126 1.3 16.1 48.3#

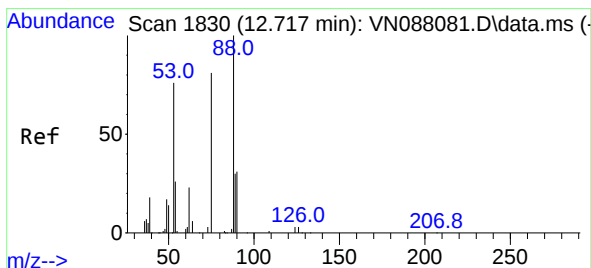
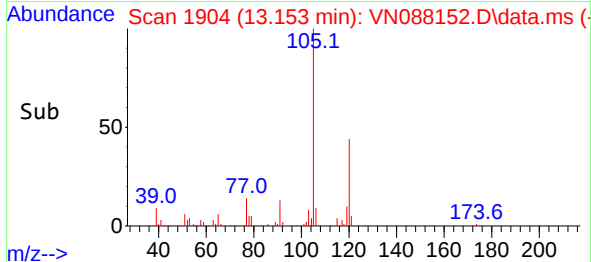
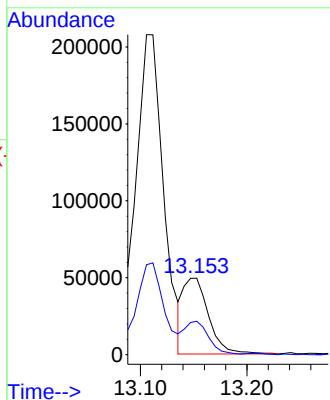
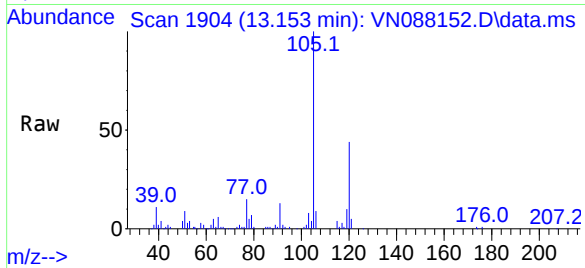




#80
1,3,5-Trimethylbenzene
Concen: 5.507 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

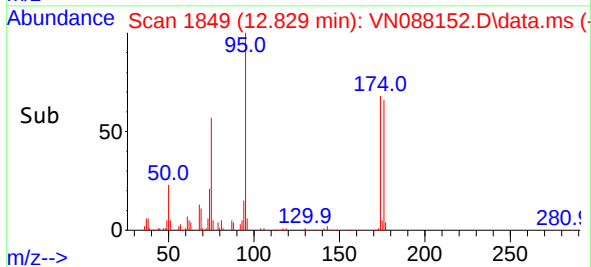
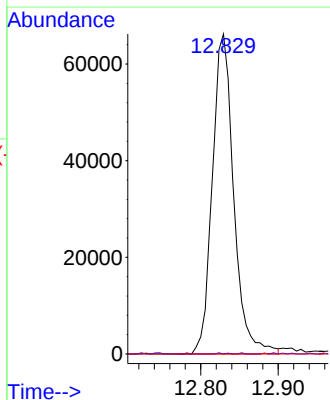
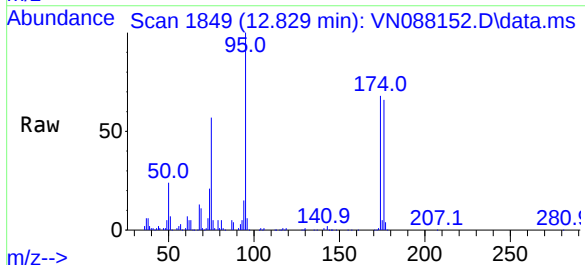
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

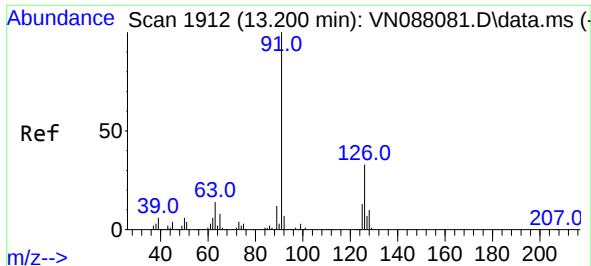
Tgt Ion:105 Resp: 81874
Ion Ratio Lower Upper
105 100
120 40.8 23.2 69.6



#81
trans-1,4-Dichloro-2-butene
Concen: 66.701 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 75 Resp: 126889
Ion Ratio Lower Upper
75 100
53 0.1 101.8 152.6#
89 0.0 35.6 53.4#

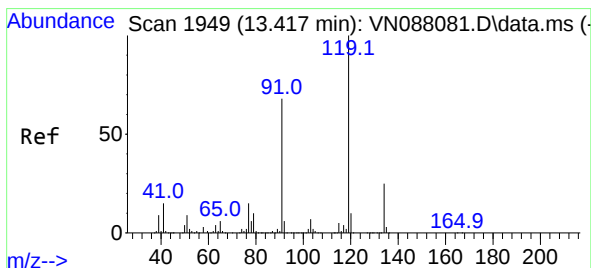
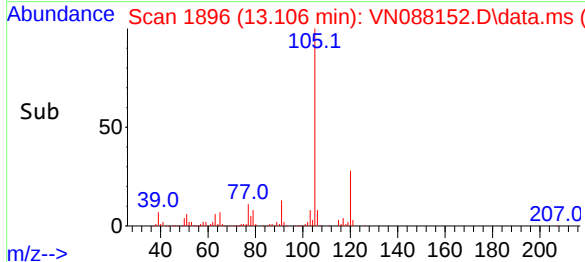
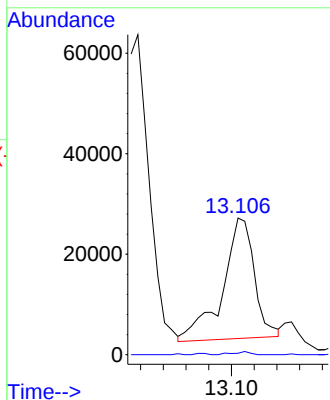
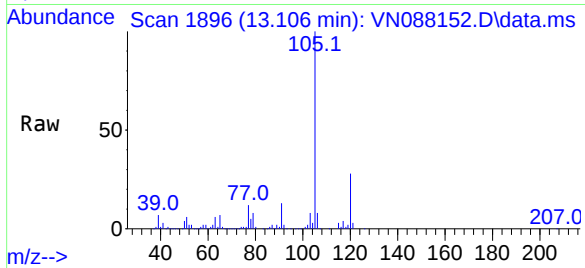




#82
4-Chlorotoluene
Concen: 3.463 ug/l
RT: 13.106 min Scan# 1912
Delta R.T. -0.094 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

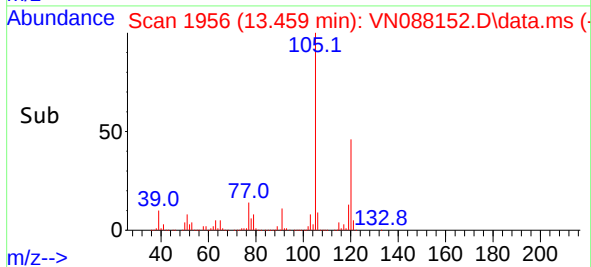
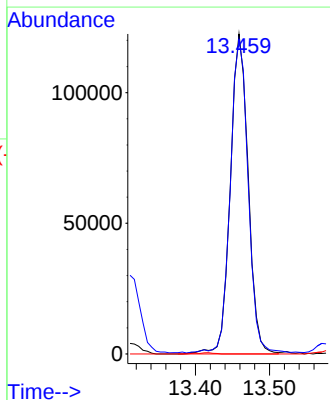
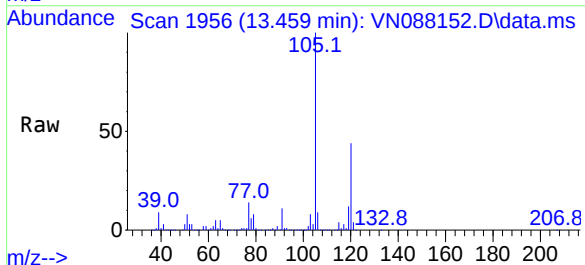
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

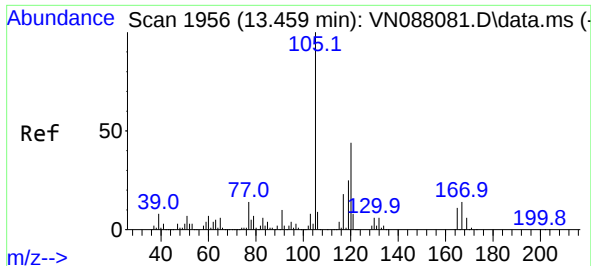
Tgt Ion: 91 Resp: 46678
Ion Ratio Lower Upper
91 100
126 1.3 15.6 46.8#



#83
tert-Butylbenzene
Concen: 15.399 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.041 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 119 Resp: 204520
Ion Ratio Lower Upper
119 100
91 98.9 35.0 105.0
134 0.0 12.6 37.8#

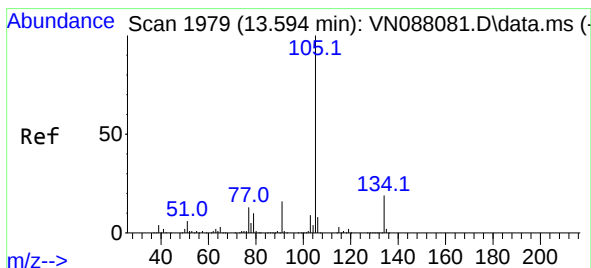
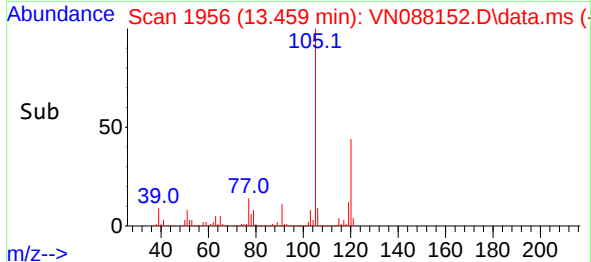
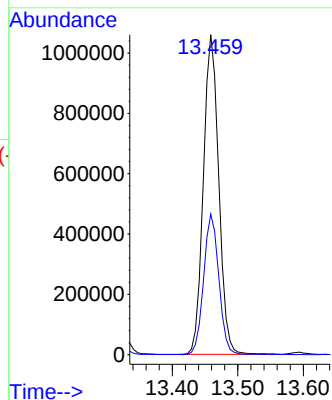
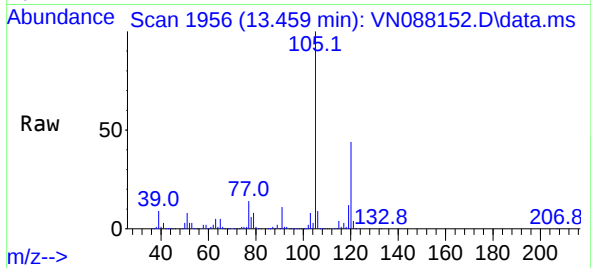




#84
1,2,4-Trimethylbenzene
Concen: 116.574 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

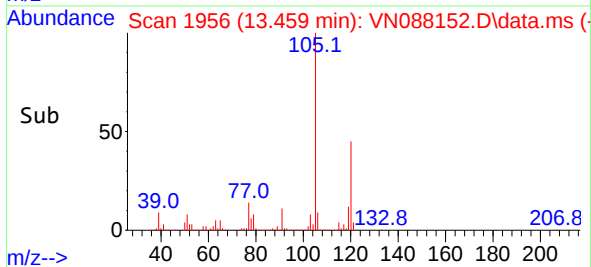
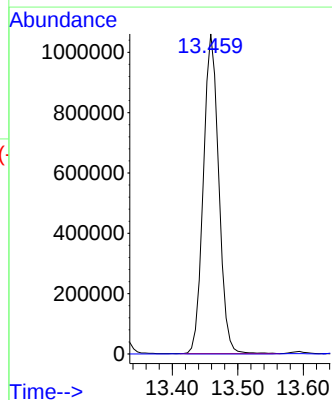
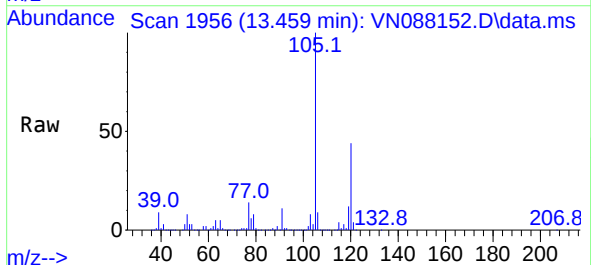
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

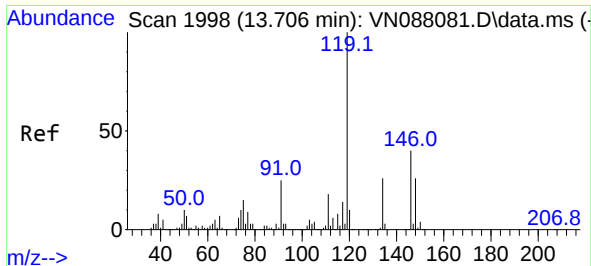
Tgt Ion:105 Resp: 1734065
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0



#85
sec-Butylbenzene
Concen: 88.868 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.135 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion:105 Resp: 1734065
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#

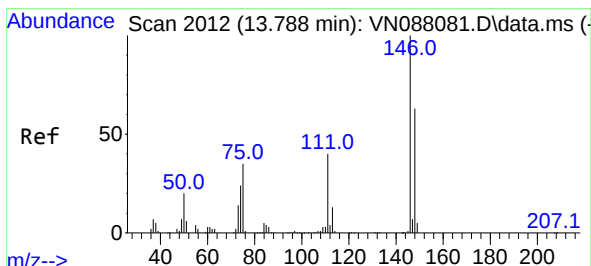
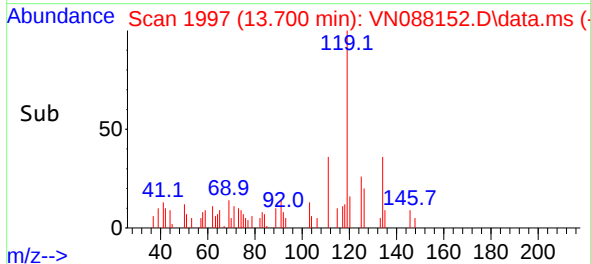
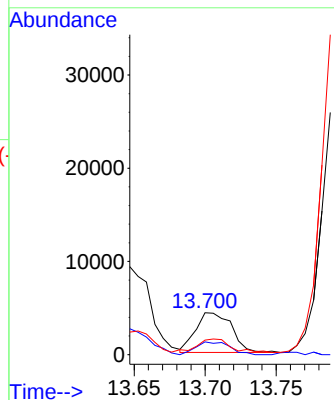
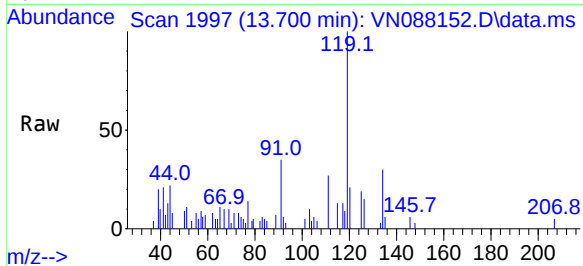




#86
p-Isopropyltoluene
Concen: 0.480 ug/l
RT: 13.700 min Scan# 1998
Delta R.T. -0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

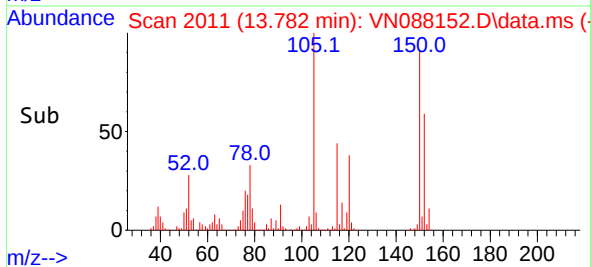
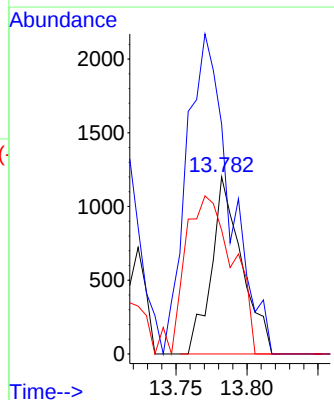
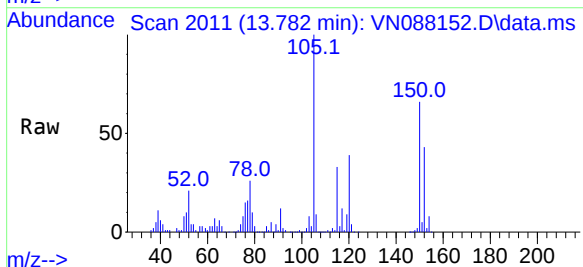
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

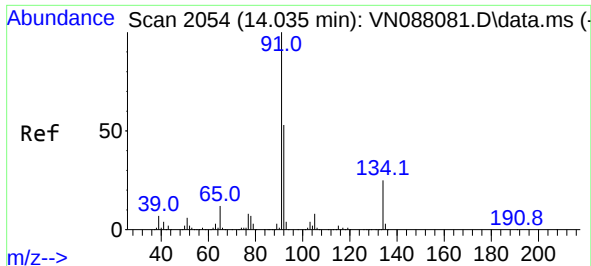
Tgt Ion:119 Resp: 7507
Ion Ratio Lower Upper
119 100
134 30.2 12.7 38.0
91 0.0 12.5 37.5#



#88
1,4-Dichlorobenzene
Concen: 0.215 ug/l
RT: 13.782 min Scan# 2011
Delta R.T. -0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion:146 Resp: 1780
Ion Ratio Lower Upper
146 100
111 258.8 21.0 63.0#
148 141.9 32.0 96.0#

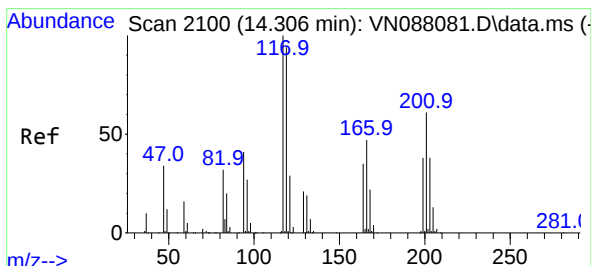
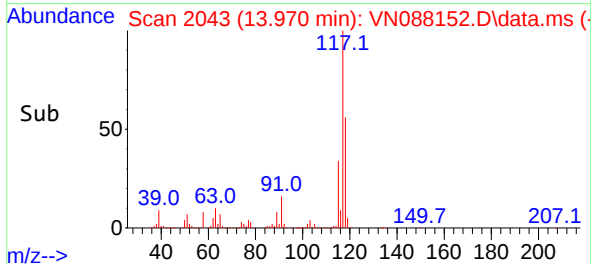
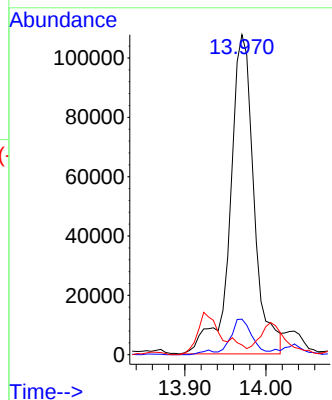
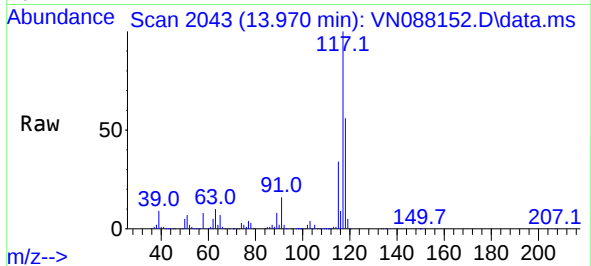




#89
n-Butylbenzene
Concen: 14.193 ug/l
RT: 13.970 min Scan# 2054
Delta R.T. -0.059 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

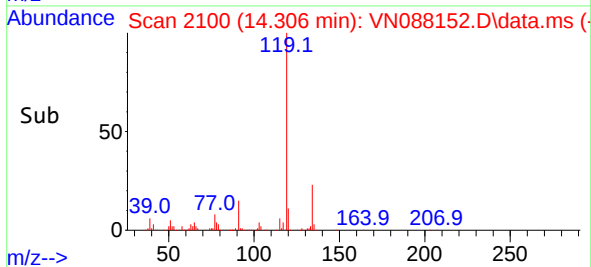
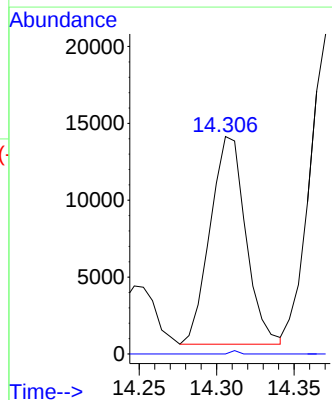
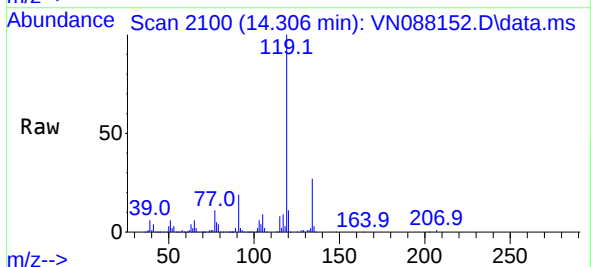
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

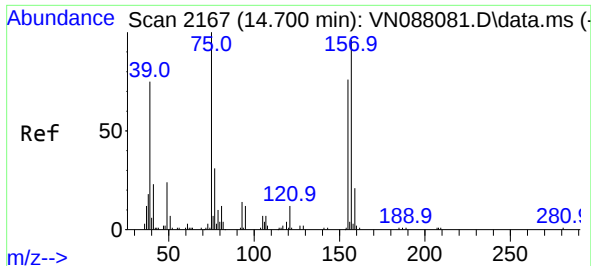
Tgt Ion: 91 Resp: 220069
Ion Ratio Lower Upper
91 100
92 9.8 25.9 77.8#
134 0.0 11.7 35.0#



#90
Hexachloroethane
Concen: 7.127 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 117 Resp: 21603
Ion Ratio Lower Upper
117 100
201 0.4 29.1 87.4#

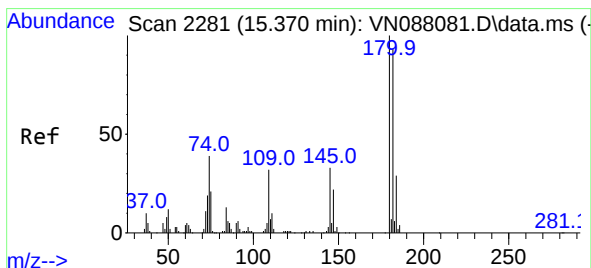
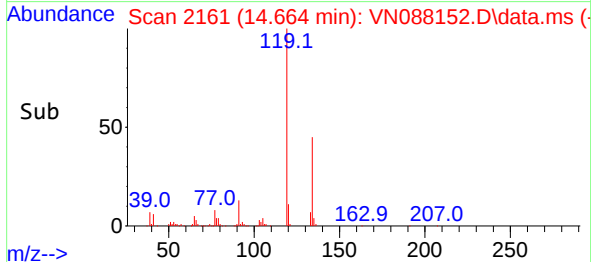
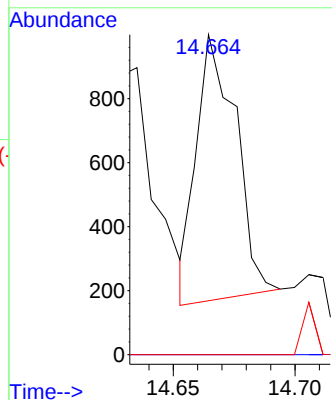
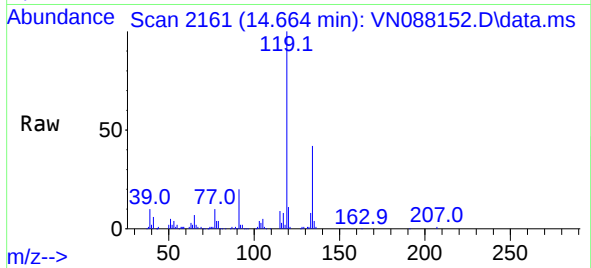




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.718 ug/l
RT: 14.664 min Scan# 2167
Delta R.T. -0.035 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

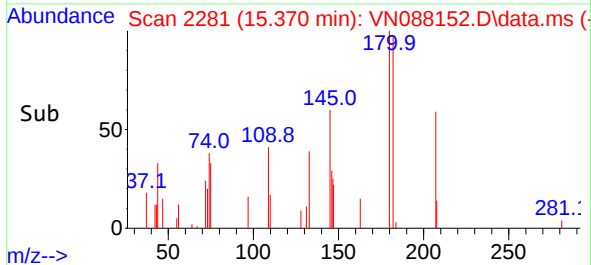
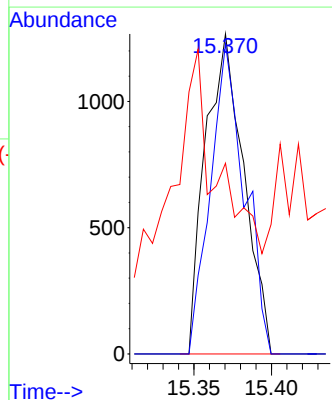
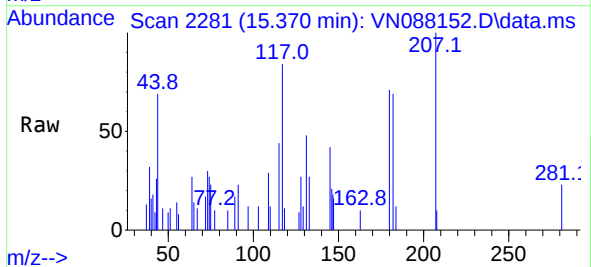
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

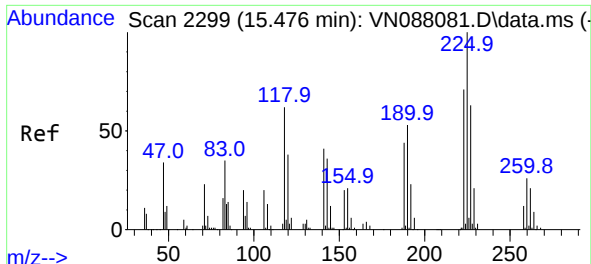
Tgt Ion: 75 Resp: 932
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.9#
157 0.0 45.6 136.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.483 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion: 180 Resp: 2171
Ion Ratio Lower Upper
180 100
182 86.4 47.6 142.9
145 149.4 16.5 49.5#

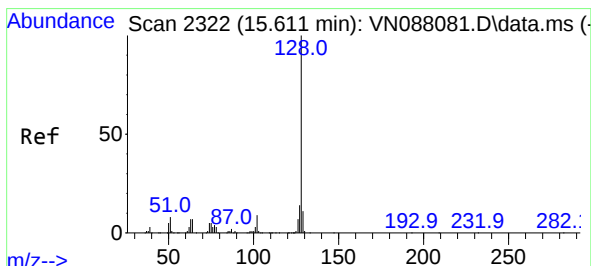
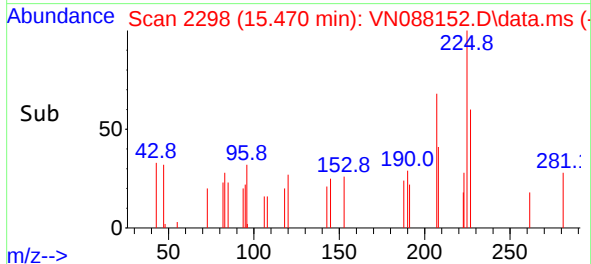
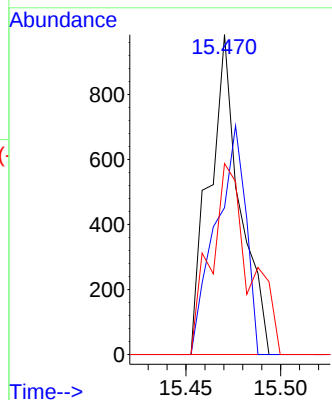
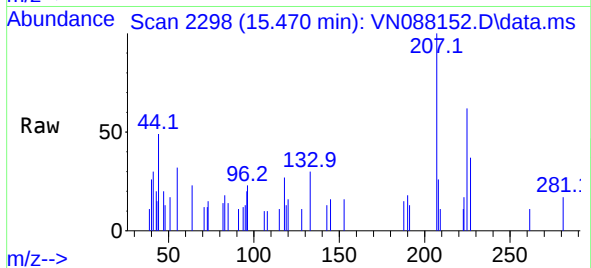




#94
Hexachlorobutadiene
Concen: 0.658 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

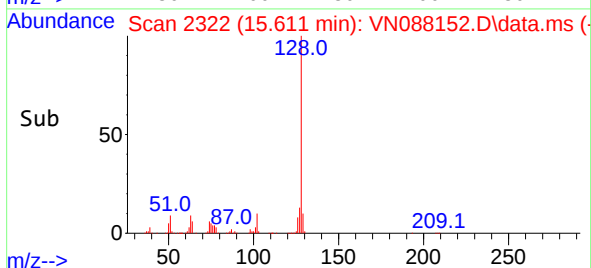
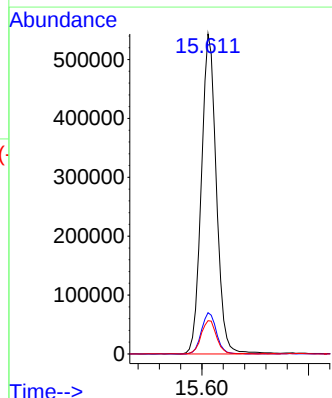
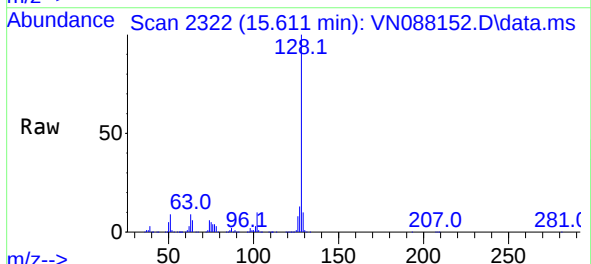
Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

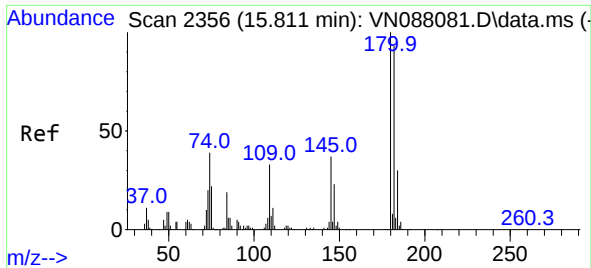
Tgt Ion:225 Resp: 1102
Ion Ratio Lower Upper
225 100
223 70.1 32.0 96.2
227 75.5 32.1 96.5



#95
Naphthalene
Concen: 69.014 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Tgt Ion:128 Resp: 1063636
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.7 8.6 12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.487 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088152.D
Acq: 29 Oct 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
MW-08DL

Tgt Ion:180 Resp: 2099
Ion Ratio Lower Upper
180 100
182 102.9 46.8 140.3
145 55.2 17.3 52.0#

