

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088154.D
 Acq On : 29 Oct 2025 13:03
 Operator : JC\MD
 Sample : Q3468-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06

Quant Time: Oct 30 04:05:07 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	239807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	555035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	540568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	270083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	249897	60.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.520%	
35) Dibromofluoromethane	8.153	113	182386	48.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.820%	
50) Toluene-d8	10.547	98	674436	46.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.880%	
62) 4-Bromofluorobenzene	12.829	95	278818	54.950	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.900%	

Target Compounds				Qvalue		
5) Bromomethane	3.001	94	588	0.284	ug/l	91
10) Methyl Iodide	4.583	142	111	4.247	ug/l #	38
11) Tert butyl alcohol	5.512	59	619	0.866	ug/l #	71
13) Acrolein	4.183	56	227	0.282	ug/l #	1
15) Acrylonitrile	5.812	53	1682	0.864	ug/l #	19
16) Acetone	4.418	43	14339	6.883	ug/l #	73
19) Methyl tert-butyl Ether	5.783	73	2786	0.252	ug/l #	1
20) Methylene Chloride	5.247	84	564	0.944	ug/l #	27
25) 2-Butanone	7.483	43	8196	2.985	ug/l #	89
27) cis-1,2-Dichloroethene	7.477	96	1363	0.358	ug/l	60
30) Chloroform	7.924	83	3872	0.630	ug/l #	19
31) Cyclohexane	8.206	56	11771	2.028	ug/l #	71
36) 1,1-Dichloropropene	8.206	75	24342	4.471	ug/l #	53
38) Carbon Tetrachloride	8.206	117	29366	5.222	ug/l #	14
39) Methylcyclohexane	9.577	83	27550	3.937	ug/l #	85
40) Benzene	8.588	78	105170	6.343	ug/l	99
43) Isopropyl Acetate	8.683	43	11618	1.076	ug/l #	58
47) Bromodichloromethane	9.853	83	2286	0.382	ug/l #	23
48) Methyl methacrylate	9.706	41	12315	2.471	ug/l #	40
51) 4-Methyl-2-Pentanone	10.477	43	5456	0.854	ug/l #	76
52) Toluene	10.618	92	11927	1.167	ug/l	98
55) 1,1,2-Trichloroethane	10.982	97	10679	2.753	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.130	63	1294	0.405	ug/l #	49
67) Ethyl Benzene	11.941	91	104057	4.830	ug/l	97
68) m/p-Xylenes	12.059	106	39145	4.849	ug/l	96
69) o-Xylene	12.376	106	28759	3.758	ug/l	96
73) Isopropylbenzene	12.671	105	419665	20.146	ug/l	99
76) 1,2,3-Trichloropropane	13.012	75	9412	1.524	ug/l #	1
78) n-propylbenzene	13.012	91	1189938	46.810	ug/l	99
79) 2-Chlorotoluene	13.012	91	1189938	82.081	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.318	105	94970	5.490	ug/l	75
81) trans-1,4-Dichloro-2-b...	12.676	75	5999	2.710	ug/l #	56
82) 4-Chlorotoluene	13.012	91	1189938	75.868	ug/l #	43
83) tert-Butylbenzene	13.412	119	7116	0.460	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	98069	5.666	ug/l	99
85) sec-Butylbenzene	13.594	105	91716	4.039	ug/l #	60

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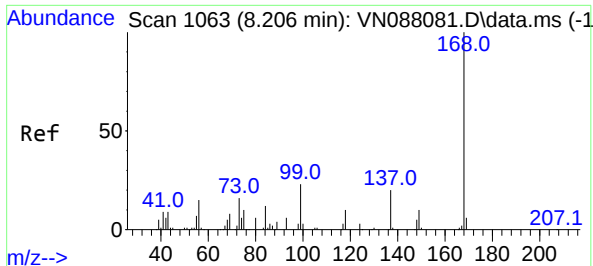
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.859	119	19181	1.053	ug/l	83
89) n-Butylbenzene	14.035	91	80547	4.464	ug/l #	71
90) Hexachloroethane	14.306	117	59707	16.927	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.706	75	959	0.635	ug/l #	8
95) Naphthalene	15.611	128	869407	48.479	ug/l	100

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

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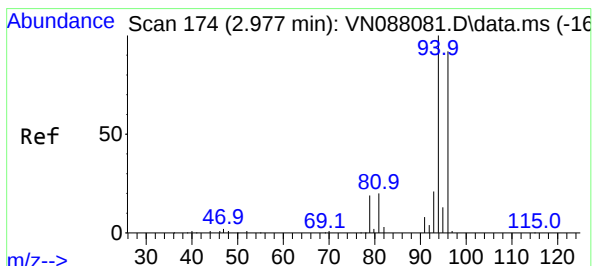
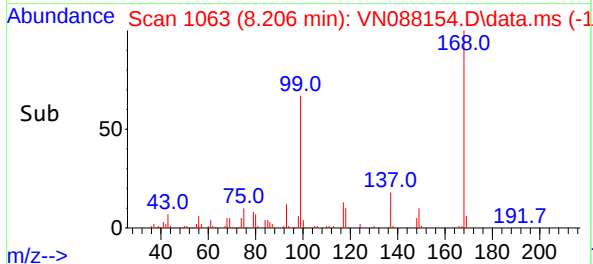
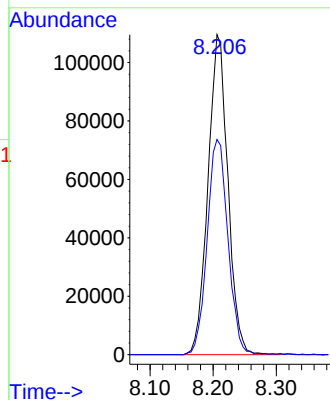
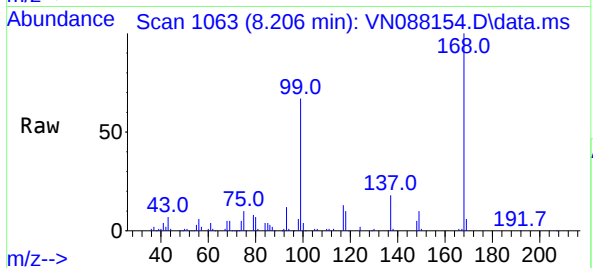




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

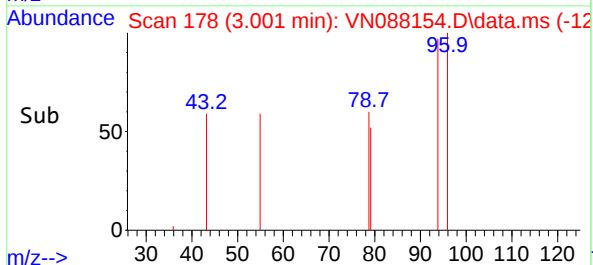
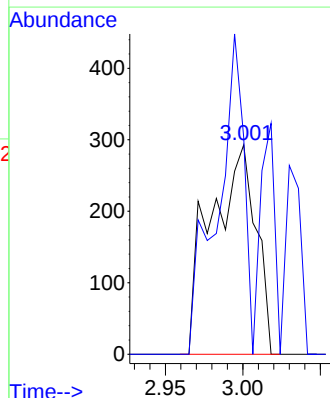
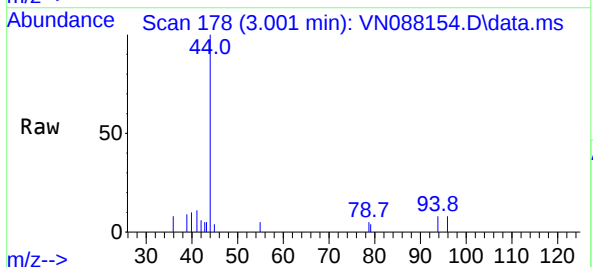
Instrument :
MSVOA_N
ClientSampleId :
MW-06

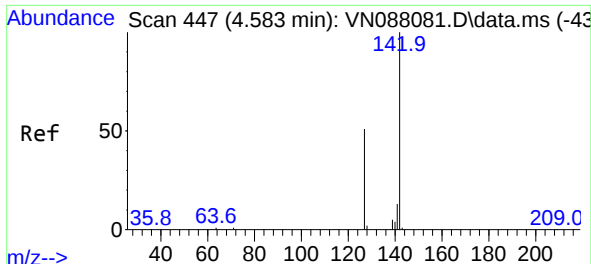
Tgt Ion:168 Resp: 239807
Ion Ratio Lower Upper
168 100
99 67.3 57.2 85.8



#5
Bromomethane
Concen: 0.284 ug/l
RT: 3.001 min Scan# 178
Delta R.T. 0.029 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 94 Resp: 588
Ion Ratio Lower Upper
94 100
96 103.4 75.4 113.2

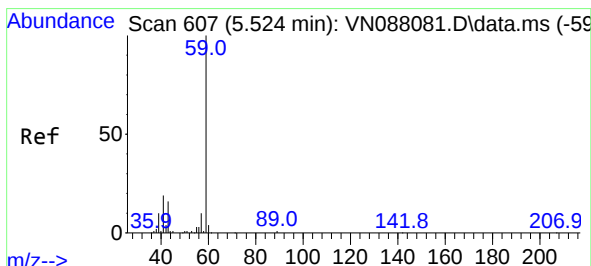
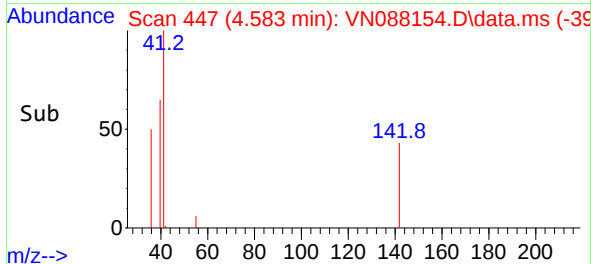
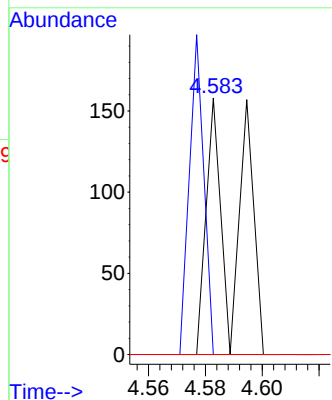
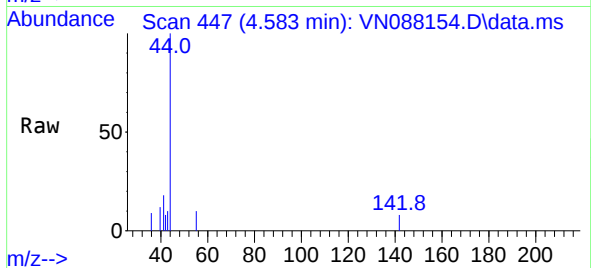




#10
Methyl Iodide
Concen: 4.247 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

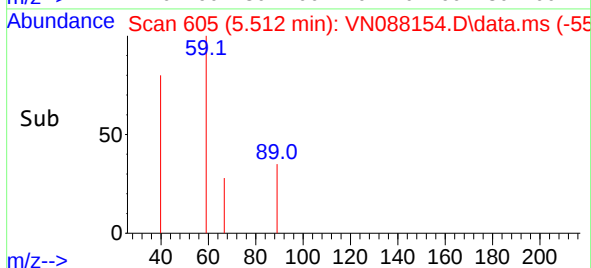
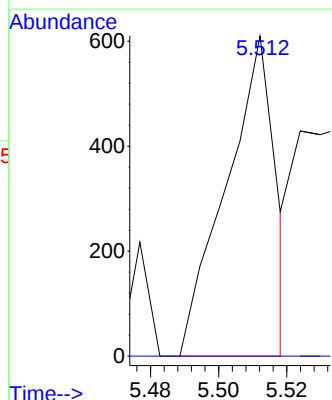
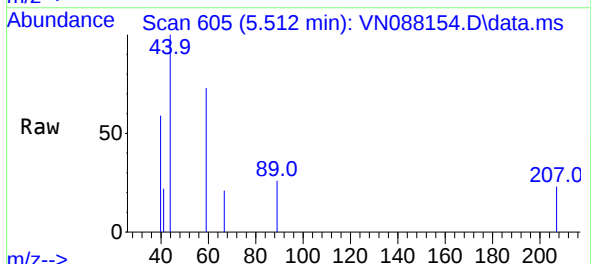
Instrument :
MSVOA_N
ClientSampleId :
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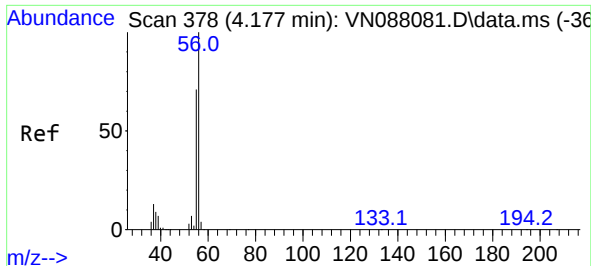
Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 0.866 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 59 Resp: 619
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

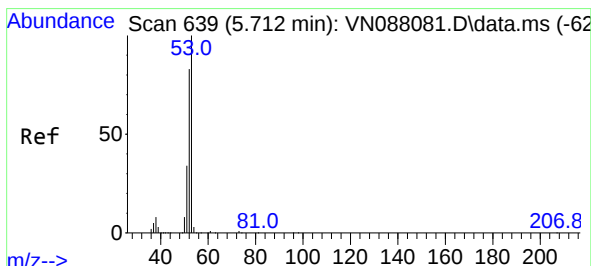
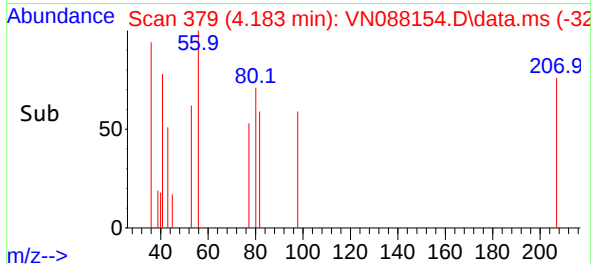
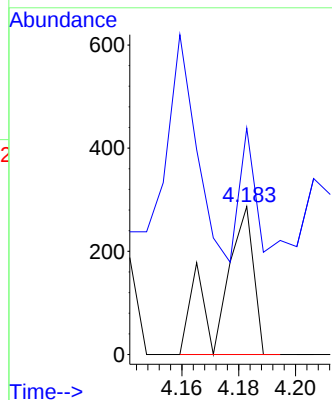
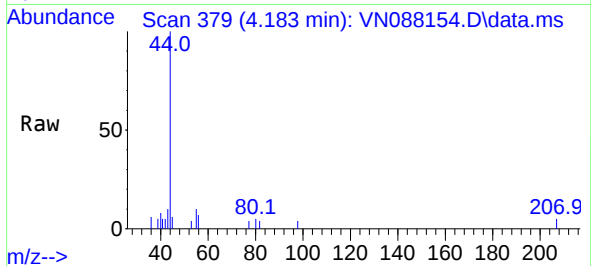




#13
Acrolein
Concen: 0.282 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

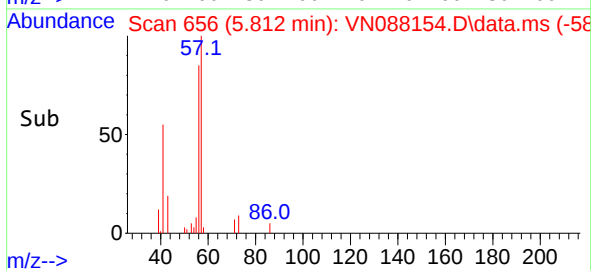
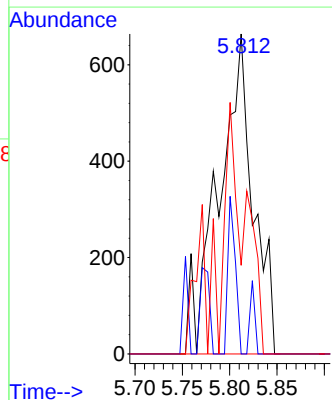
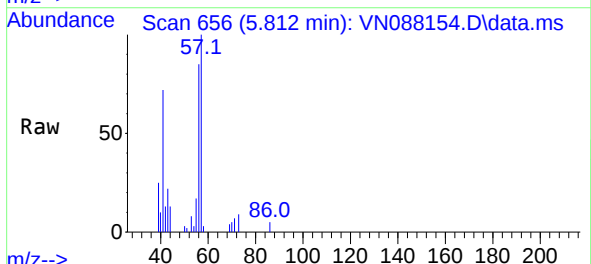
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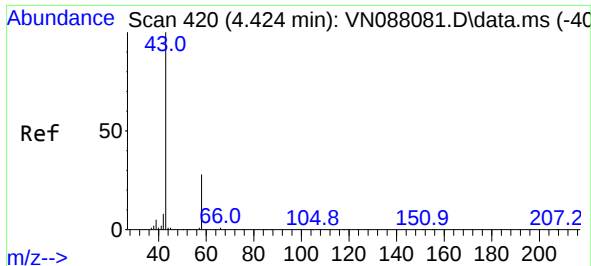
Tgt Ion: 56 Resp: 227
Ion Ratio Lower Upper
56 100
55 166.1 57.3 85.9#



#15
Acrylonitrile
Concen: 0.864 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.106 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 53 Resp: 1682
Ion Ratio Lower Upper
53 100
52 3.2 67.6 101.4#
51 0.0 30.1 45.1#

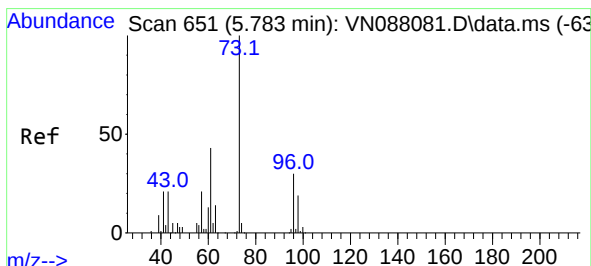
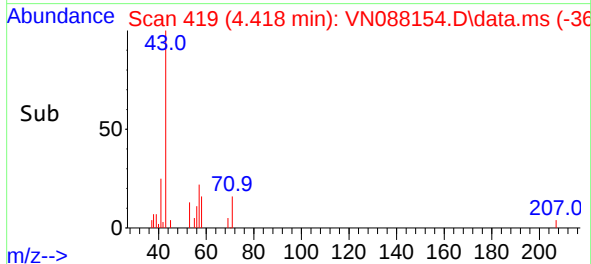
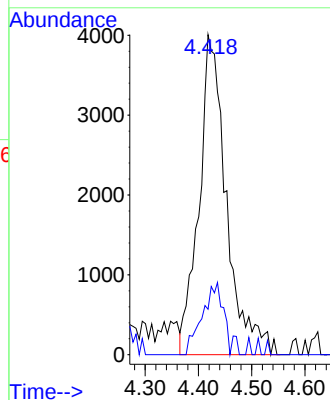
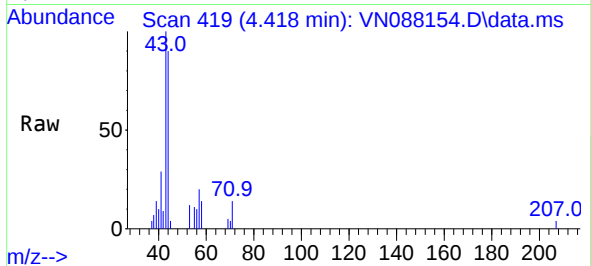




#16
Acetone
Concen: 6.883 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

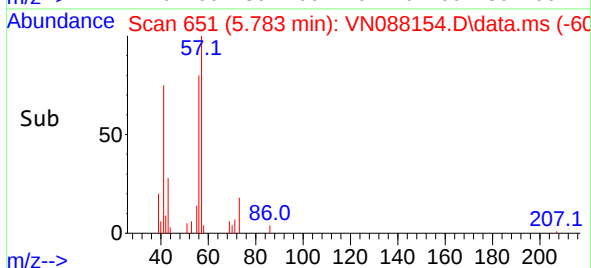
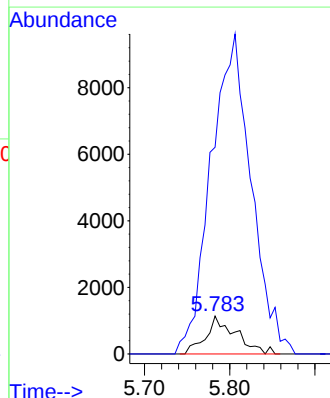
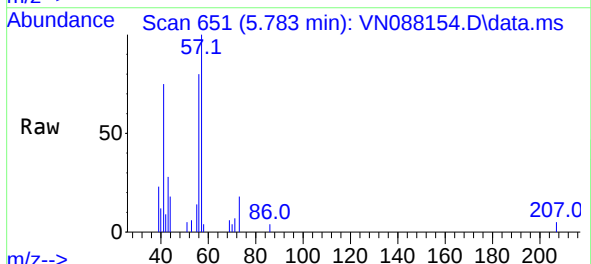
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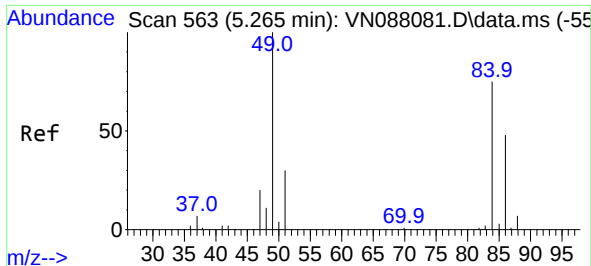
Tgt Ion: 43 Resp: 14339
Ion Ratio Lower Upper
43 100
58 14.2 22.6 33.8#



#19
Methyl tert-butyl Ether
Concen: 0.252 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 73 Resp: 2786
Ion Ratio Lower Upper
73 100
57 511.7 18.4 27.6#

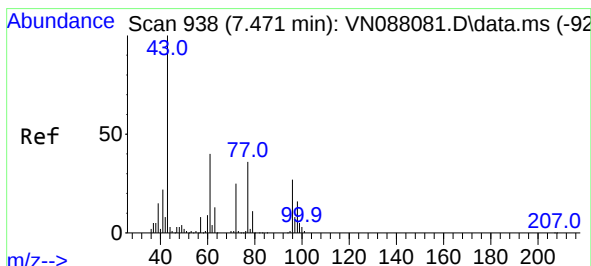
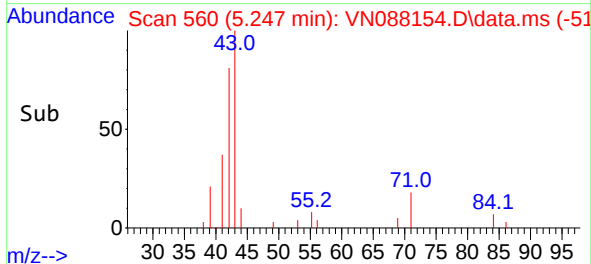
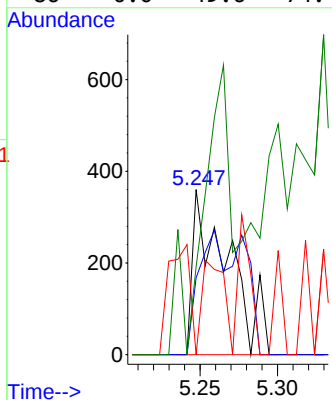
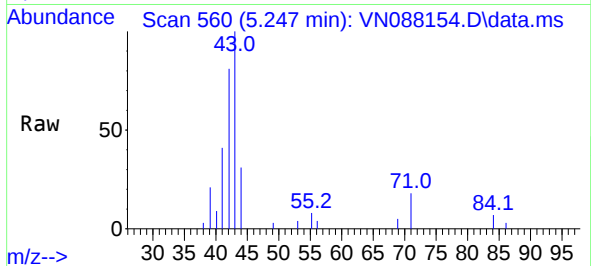




#20
Methylene Chloride
Concen: 0.944 ug/l
RT: 5.247 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

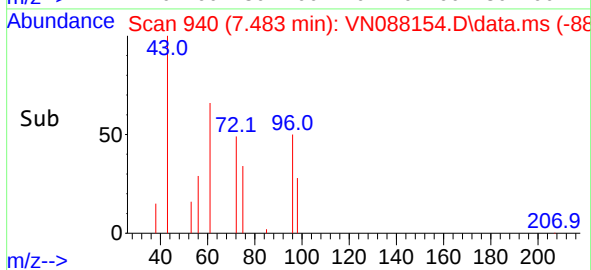
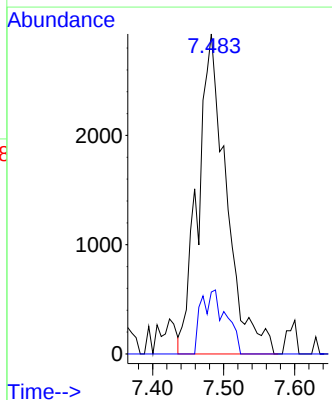
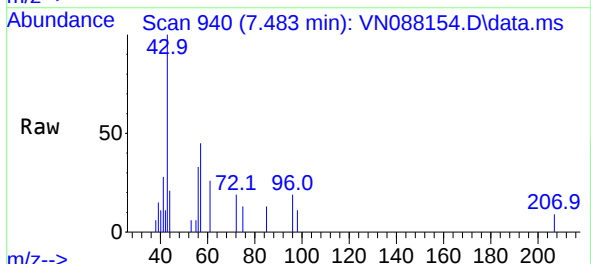
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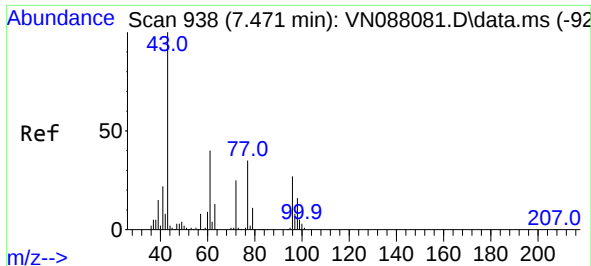
Tgt Ion:	84	Resp:	564
Ion	Ratio	Lower	Upper
84	100		
49	46.7	103.4	155.2#
51	0.0	33.8	50.8#
86	0.0	49.6	74.4#



#25
2-Butanone
Concen: 2.985 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN088154.D
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Tgt Ion:	43	Resp:	8196
Ion	Ratio	Lower	Upper
43	100		
72	19.3	19.9	29.9#

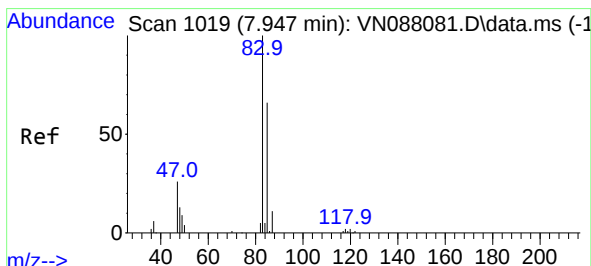
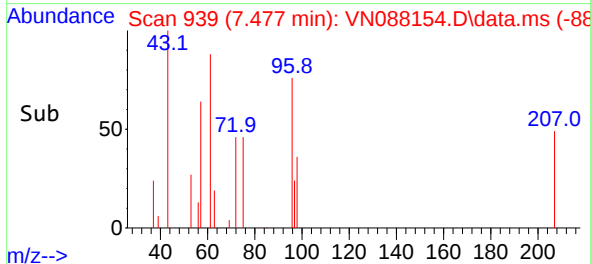
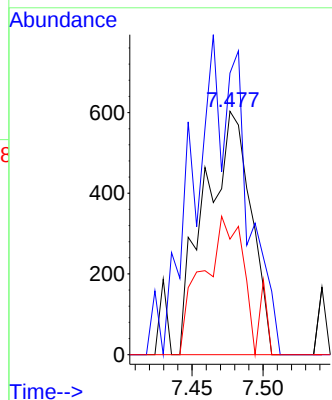
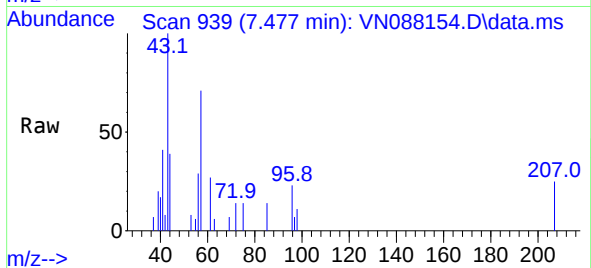




#27
cis-1,2-Dichloroethene
Concen: 0.358 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

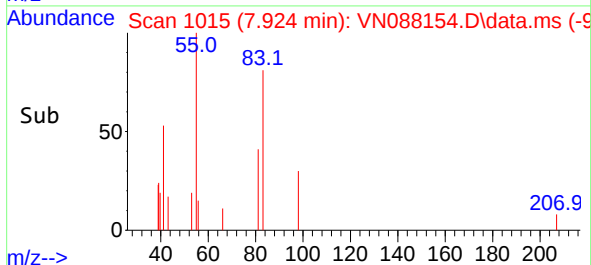
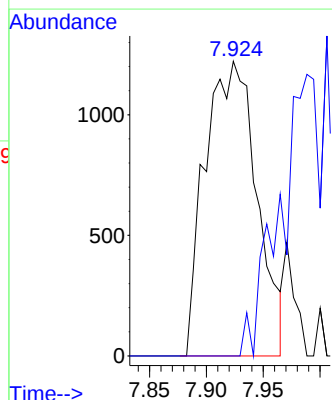
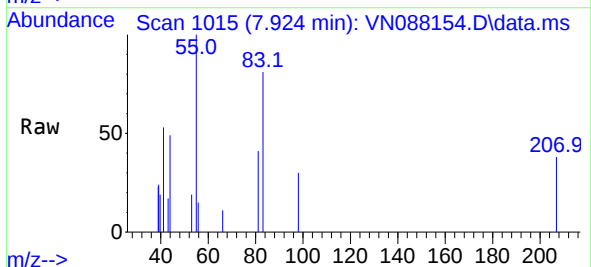
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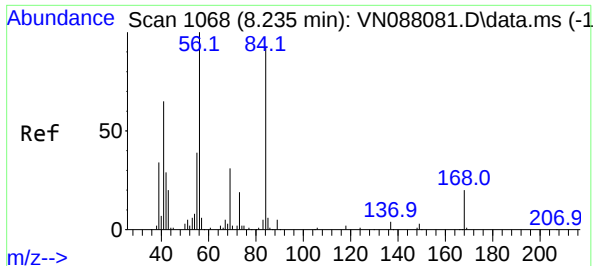
Tgt Ion: 96 Resp: 1363
Ion Ratio Lower Upper
96 100
61 85.5 0.0 301.8
98 54.1 0.0 126.2



#30
Chloroform
Concen: 0.630 ug/l
RT: 7.924 min Scan# 1015
Delta R.T. -0.024 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 83 Resp: 3872
Ion Ratio Lower Upper
83 100
85 0.0 50.7 76.1#

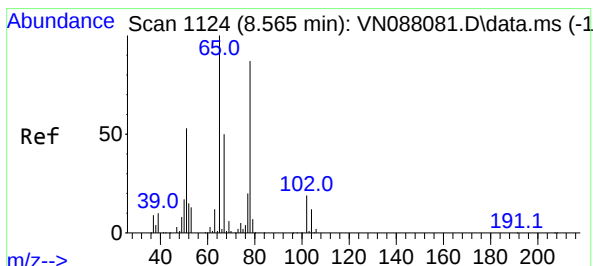
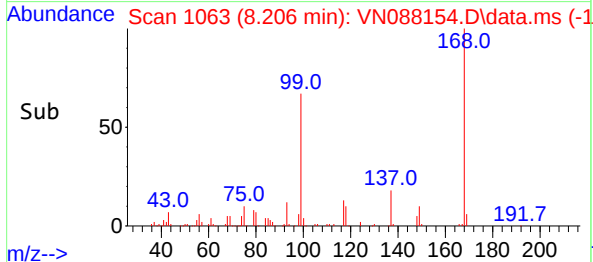
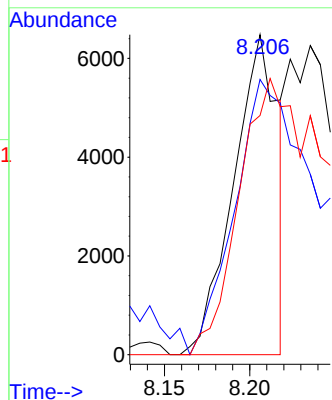
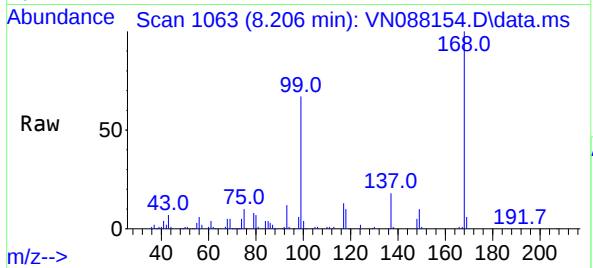




#31
Cyclohexane
Concen: 2.028 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

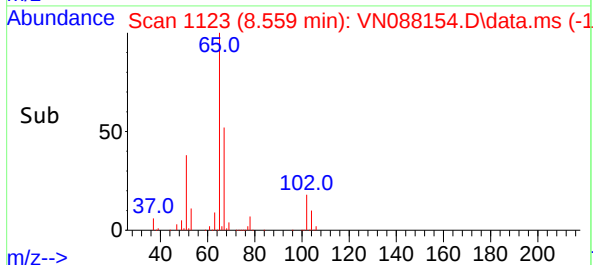
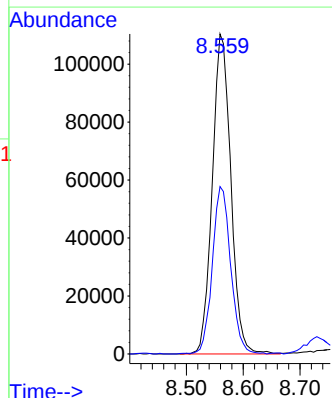
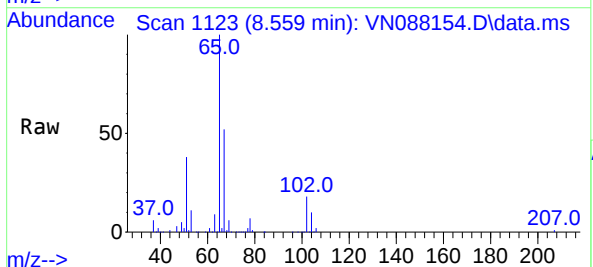
Instrument :
MSVOA_N
ClientSampleId :
MW-06

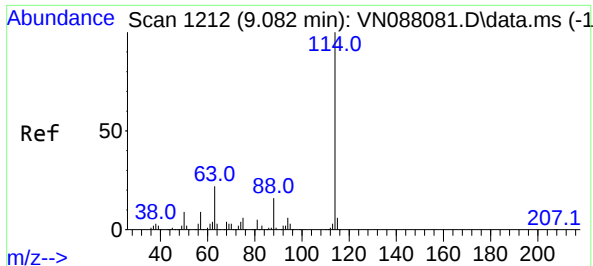
Tgt Ion: 56 Resp: 11771
Ion Ratio Lower Upper
56 100
69 77.8 23.7 35.5#
84 74.8 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 60.263 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 65 Resp: 249897
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088154.D

Acq: 29 Oct 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

MW-06

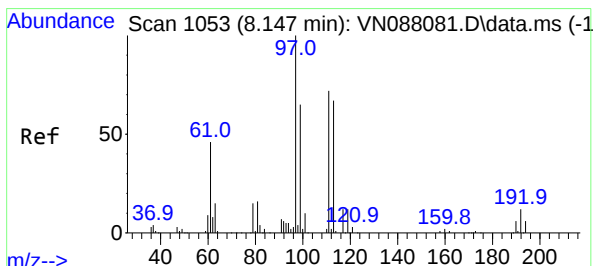
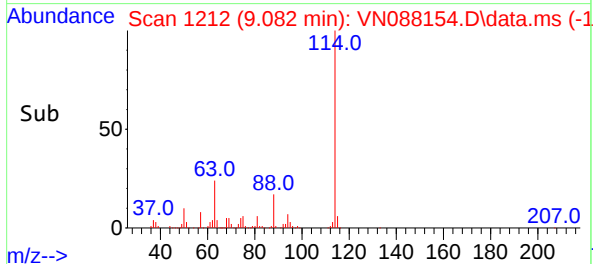
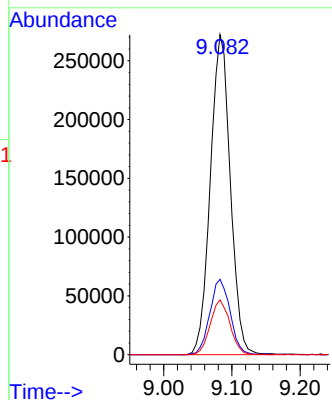
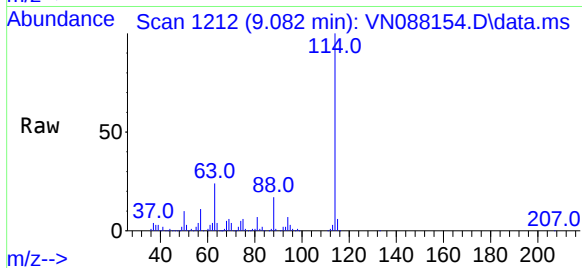
Tgt Ion:114 Resp: 555035

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.2

88 17.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.913 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN088154.D

Acq: 29 Oct 2025 13:03

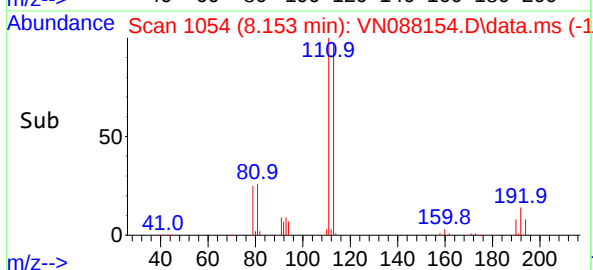
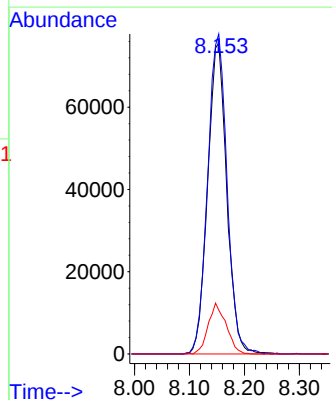
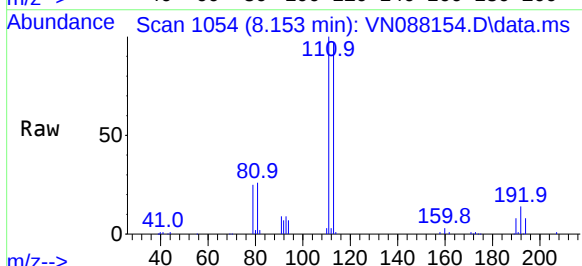
Tgt Ion:113 Resp: 182386

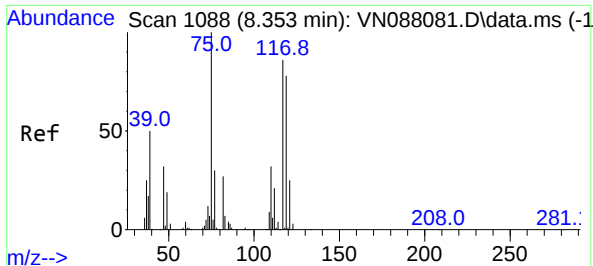
Ion Ratio Lower Upper

113 100

111 104.6 82.8 124.2

192 15.5 12.8 19.2

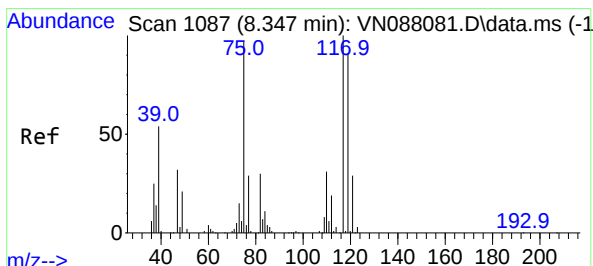
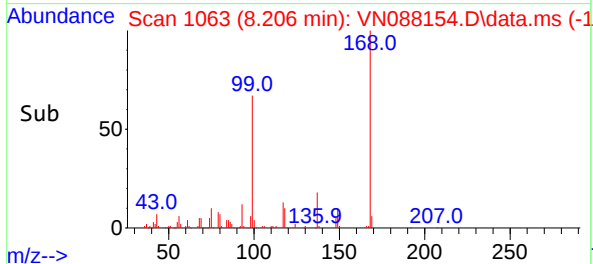
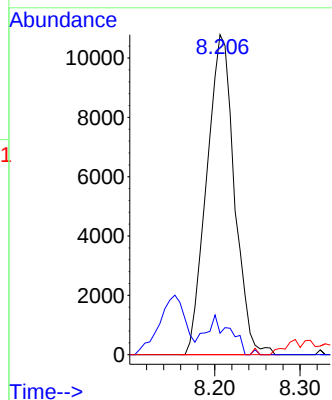
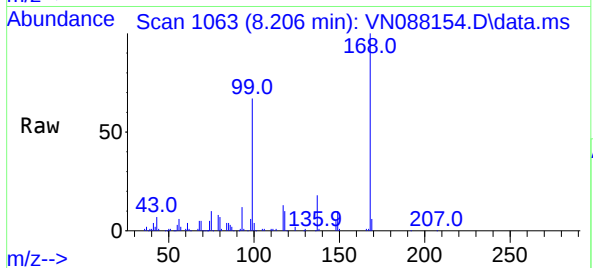




#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

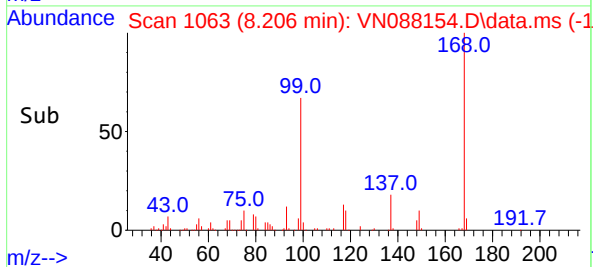
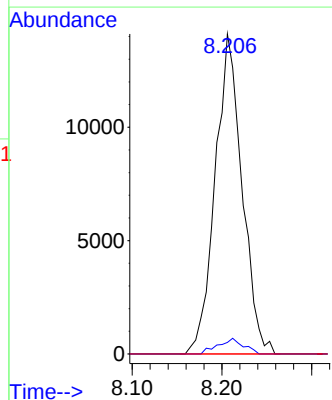
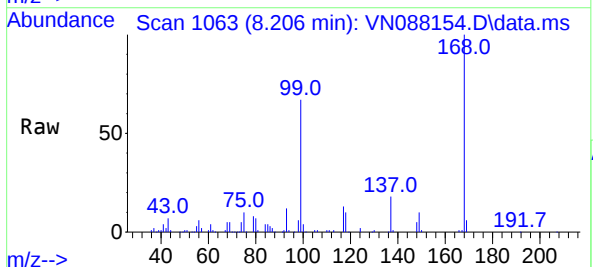
Instrument :
MSVOA_N
ClientSampleId :
MW-06

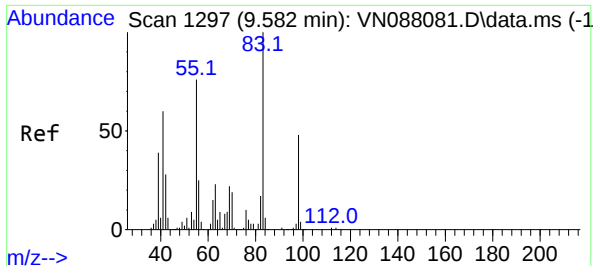
Tgt Ion: 75 Resp: 24342
Ion Ratio Lower Upper
75 100
110 10.7 15.9 47.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.222 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 117 Resp: 29366
Ion Ratio Lower Upper
117 100
119 3.6 79.0 118.6#
121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 3.937 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088154.D

Acq: 29 Oct 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

MW-06

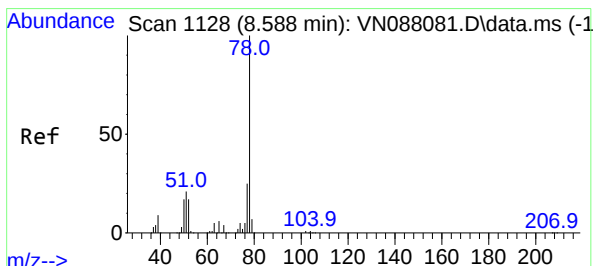
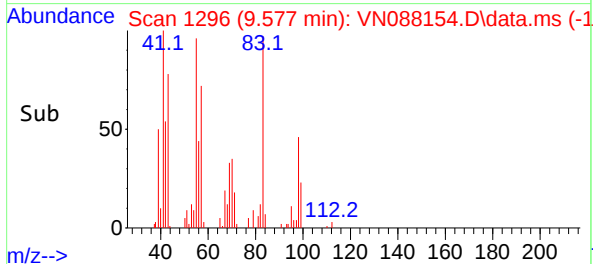
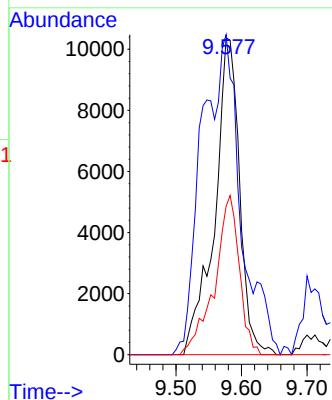
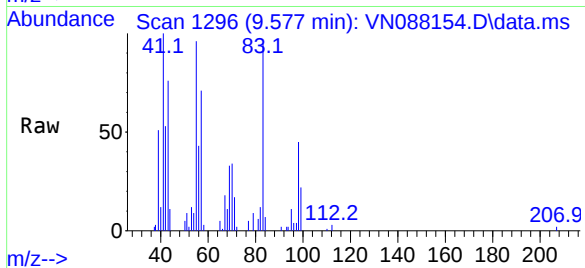
Tgt Ion: 83 Resp: 27550

Ion Ratio Lower Upper

83 100

55 101.0 64.6 96.8#

98 46.8 38.4 57.6



#40

Benzene

Concen: 6.343 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088154.D

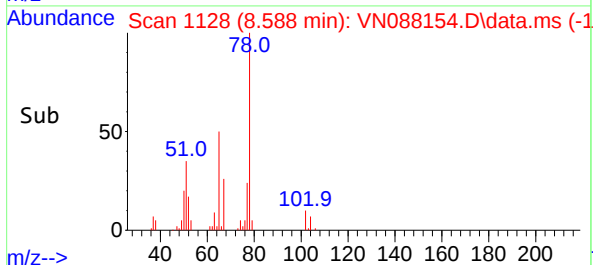
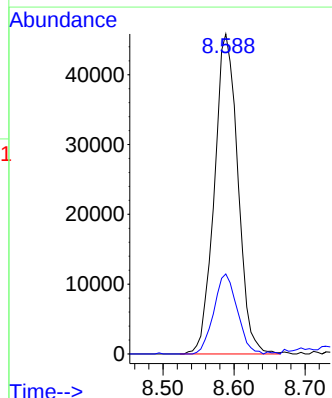
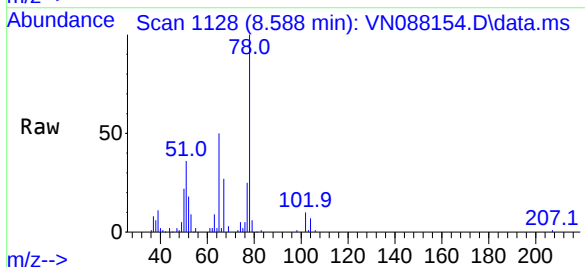
Acq: 29 Oct 2025 13:03

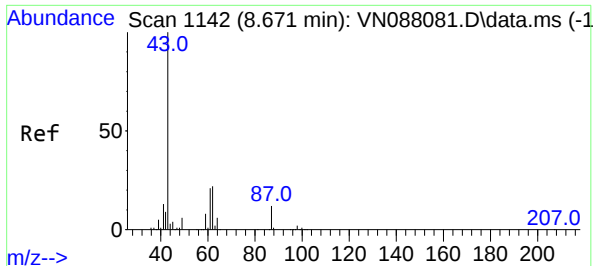
Tgt Ion: 78 Resp: 105170

Ion Ratio Lower Upper

78 100

77 25.0 19.7 29.5

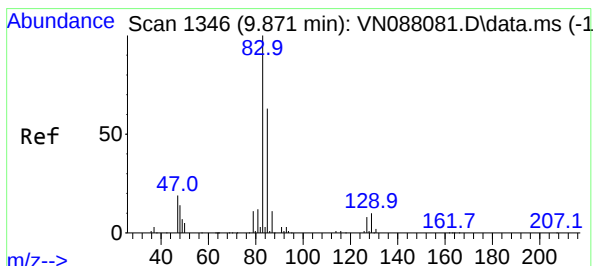
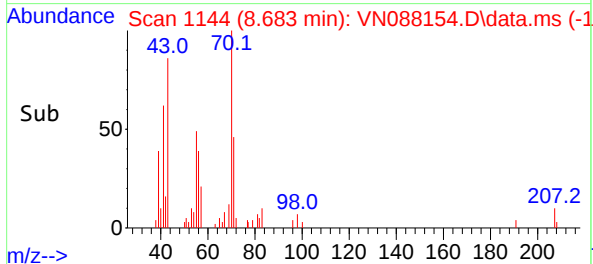
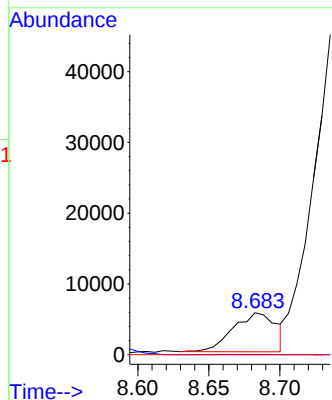
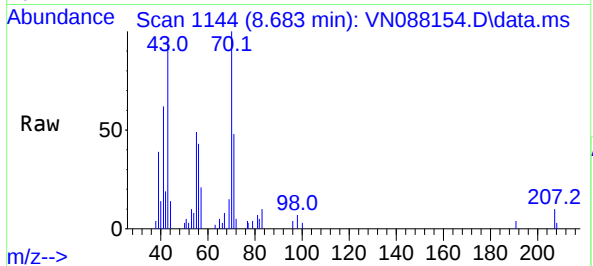




#43
Isopropyl Acetate
Concen: 1.076 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

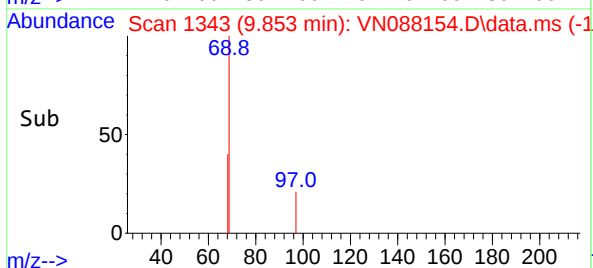
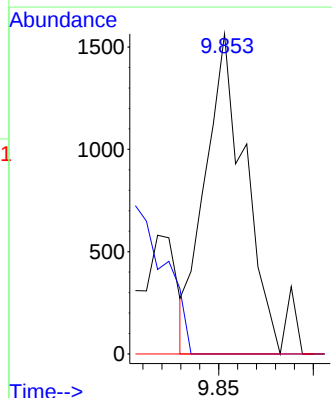
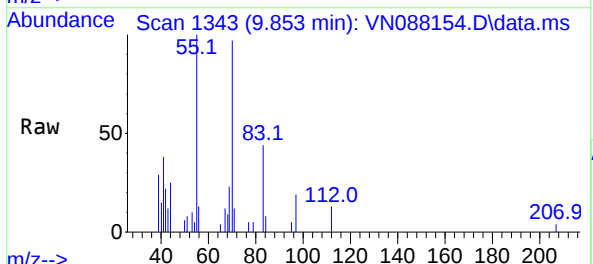
Instrument :
MSVOA_N
ClientSampleId :
MW-06

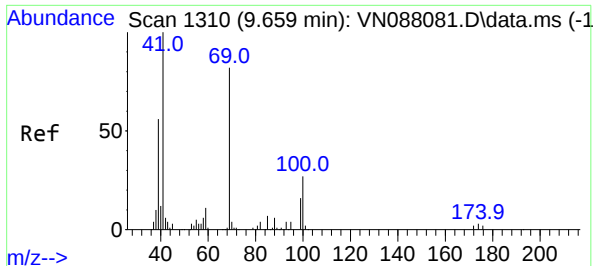
Tgt Ion: 43 Resp: 11618
Ion Ratio Lower Upper
43 100
61 0.0 18.8 28.2#
87 0.0 9.6 14.4#



#47
Bromodichloromethane
Concen: 0.382 ug/l
RT: 9.853 min Scan# 1343
Delta R.T. -0.018 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 83 Resp: 2286
Ion Ratio Lower Upper
83 100
85 0.0 52.5 78.7#
127 0.0 5.8 8.6#





#48

Methyl methacrylate

Concen: 2.471 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN088154.D

Acq: 29 Oct 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

MW-06

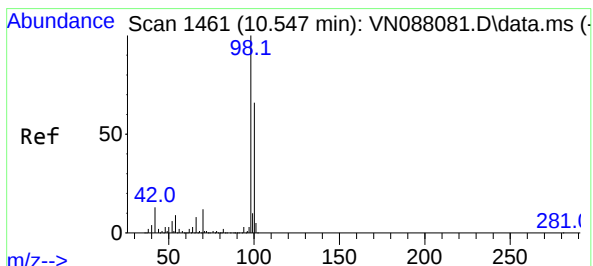
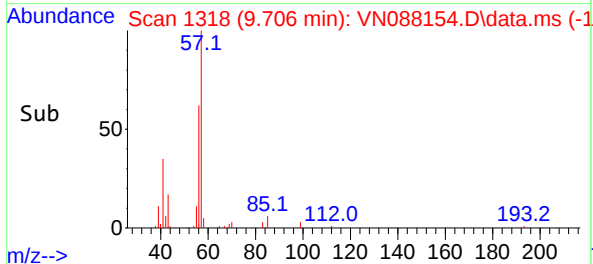
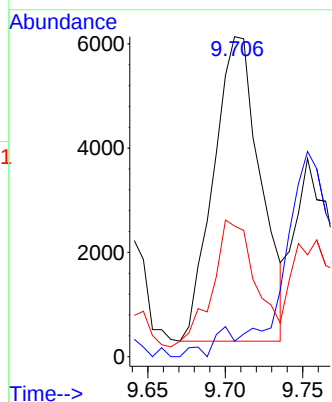
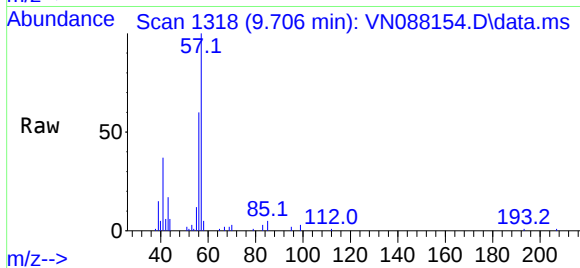
Tgt Ion: 41 Resp: 12315

Ion Ratio Lower Upper

41 100

69 4.7 62.7 94.1#

39 40.7 52.9 79.3#



#50

Toluene-d8

Concen: 46.942 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088154.D

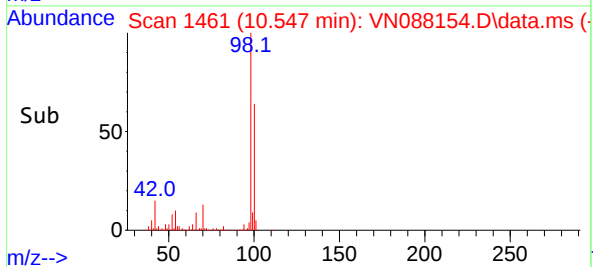
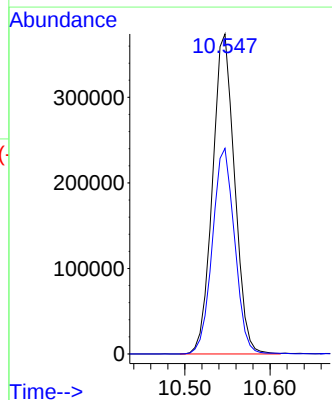
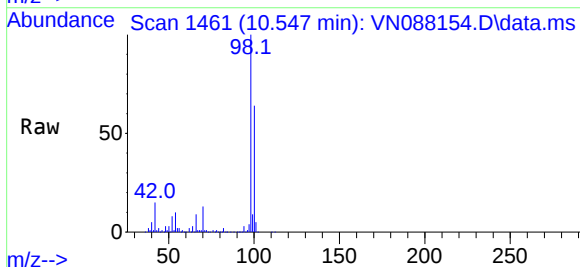
Acq: 29 Oct 2025 13:03

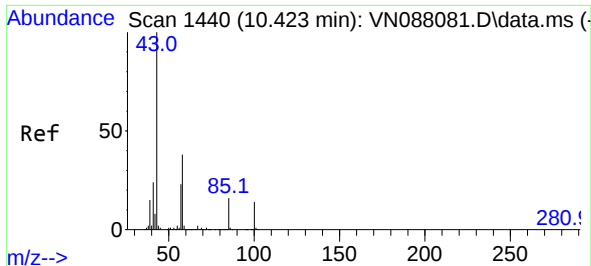
Tgt Ion: 98 Resp: 674436

Ion Ratio Lower Upper

98 100

100 64.7 52.8 79.2

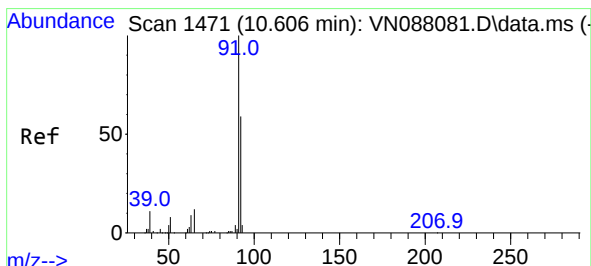
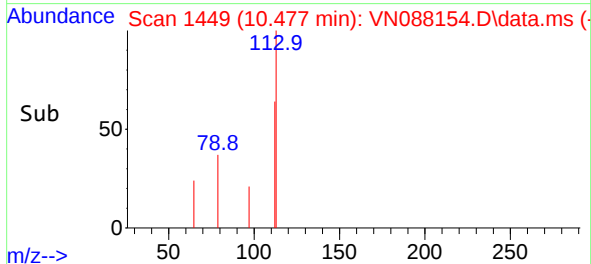
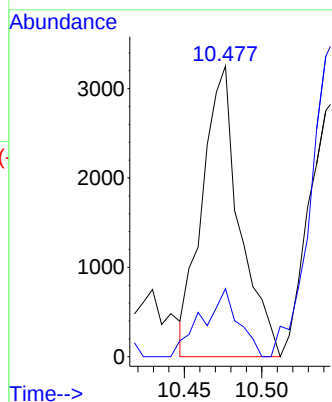
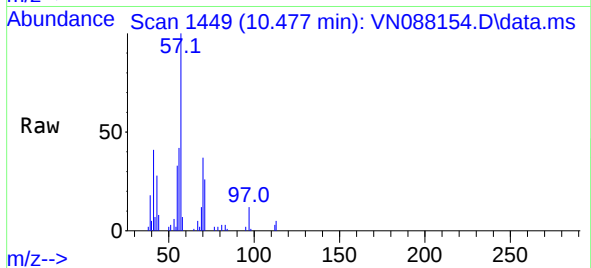




#51
4-Methyl-2-Pentanone
Concen: 0.854 ug/l
RT: 10.477 min Scan# 1449
Delta R.T. 0.053 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

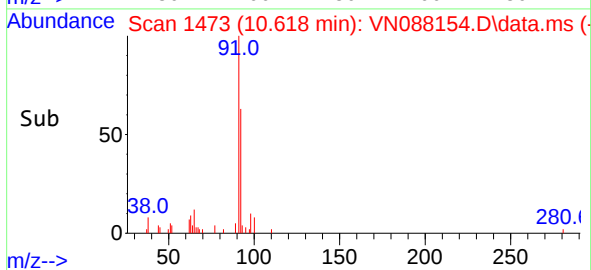
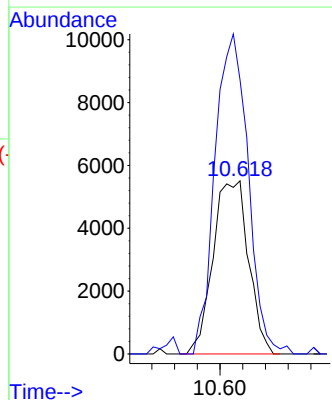
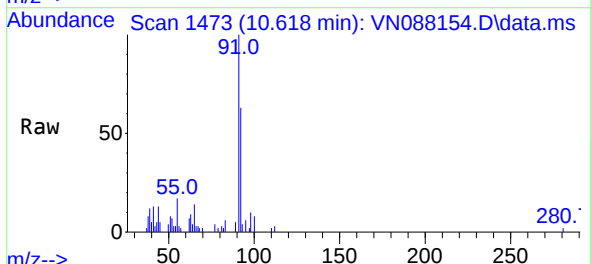
Instrument :
MSVOA_N
ClientSampleId :
MW-06

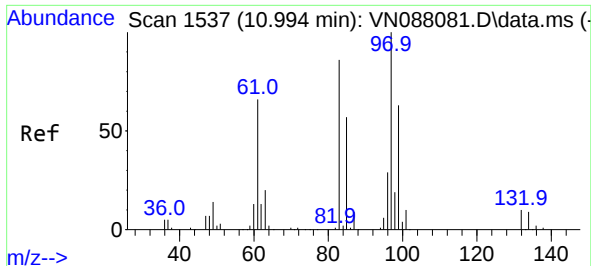
Tgt Ion: 43 Resp: 5456
Ion Ratio Lower Upper
43 100
58 22.8 29.6 44.4#



#52
Toluene
Concen: 1.167 ug/l
RT: 10.618 min Scan# 1473
Delta R.T. 0.012 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 92 Resp: 11927
Ion Ratio Lower Upper
92 100
91 173.0 140.4 210.6



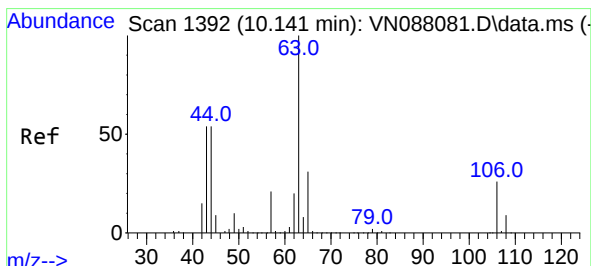
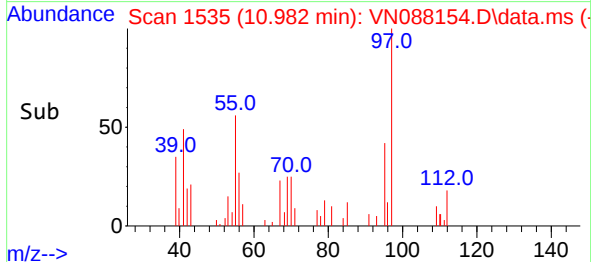
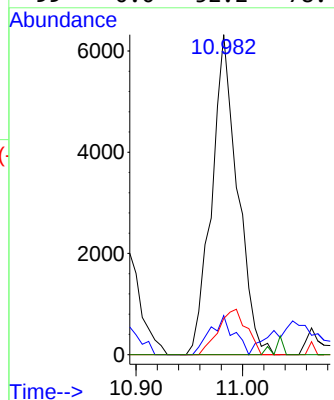
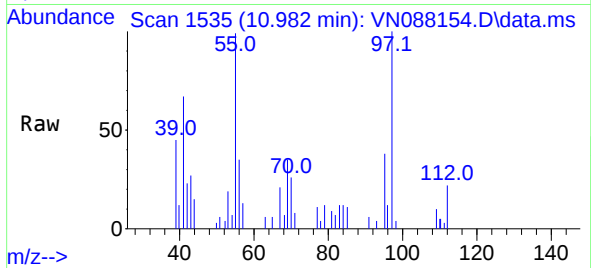


#55
1,1,2-Trichloroethane
Concen: 2.753 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.012 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
MW-06

Tgt Ion: 97 Resp: 10679

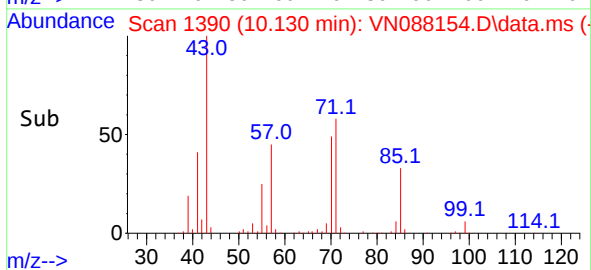
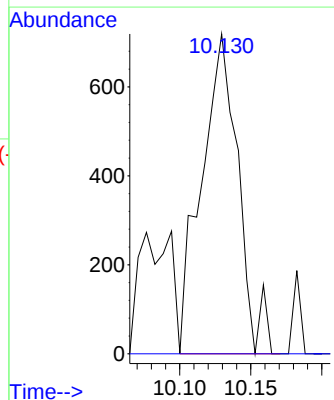
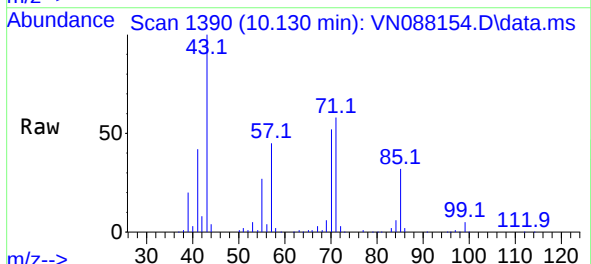
Ion	Ratio	Lower	Upper
97	100		
83	12.2	68.2	102.4#
85	11.3	45.5	68.3#
99	0.0	52.2	78.4#

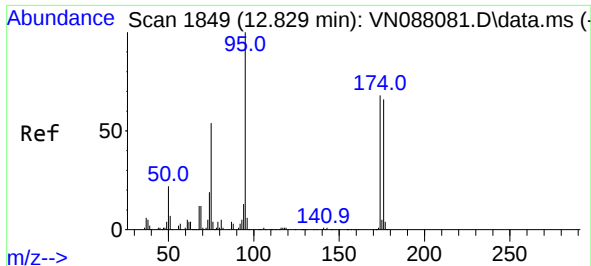


#58
2-Chloroethyl Vinyl ether
Concen: 0.405 ug/l
RT: 10.130 min Scan# 1390
Delta R.T. -0.012 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 63 Resp: 1294

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.1	31.7#

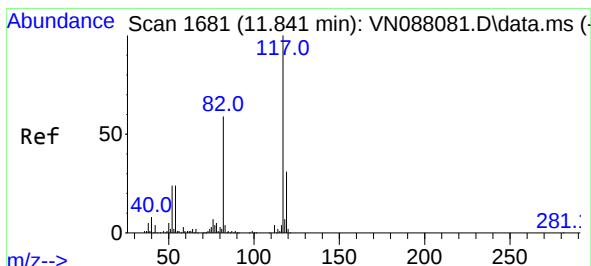
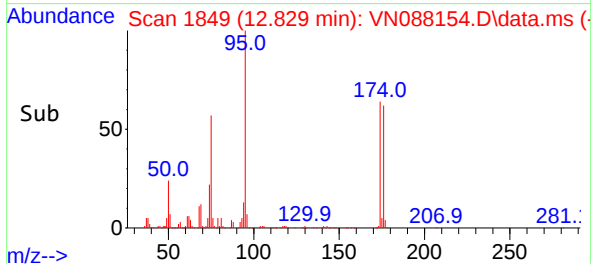
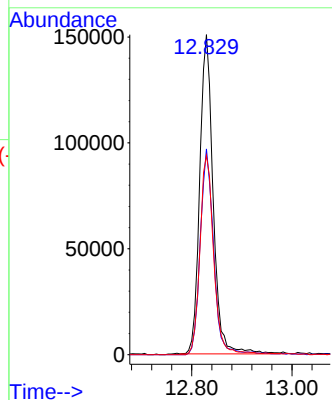
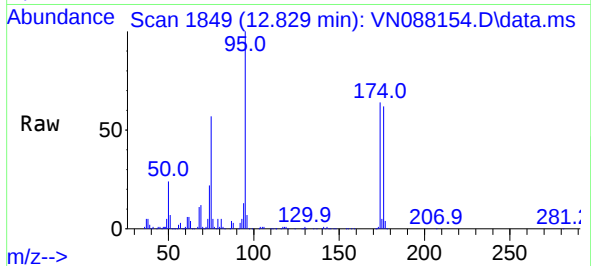




#62
4-Bromofluorobenzene
Concen: 54.950 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

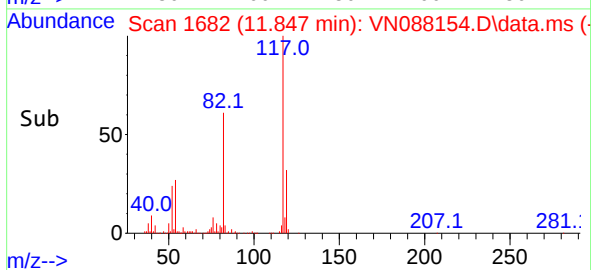
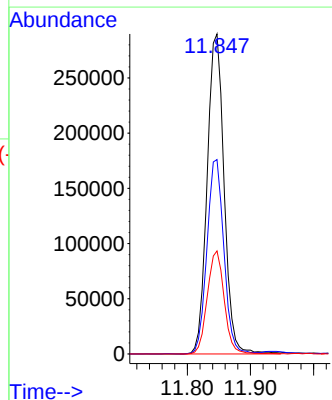
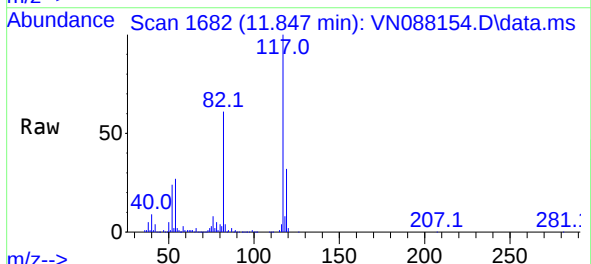
Instrument :
MSVOA_N
ClientSampleId :
MW-06

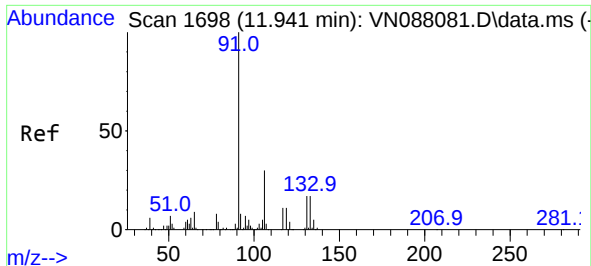
Tgt Ion: 95 Resp: 278818
Ion Ratio Lower Upper
95 100
174 63.7 0.0 138.4
176 64.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 117 Resp: 540568
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.2 24.3 36.5

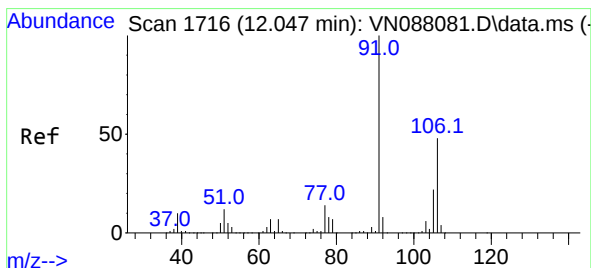
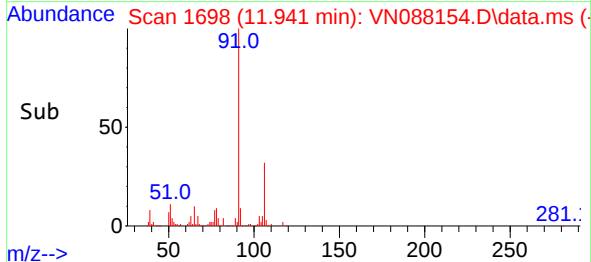
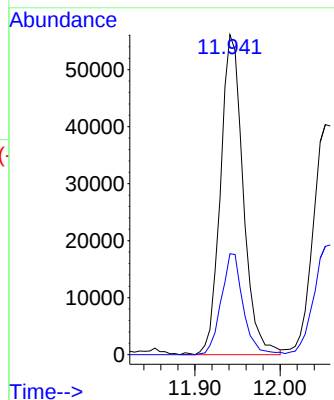
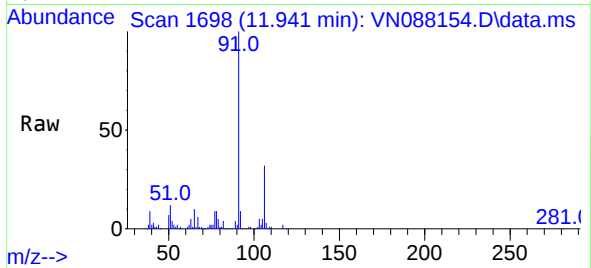




#67
Ethyl Benzene
Concen: 4.830 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

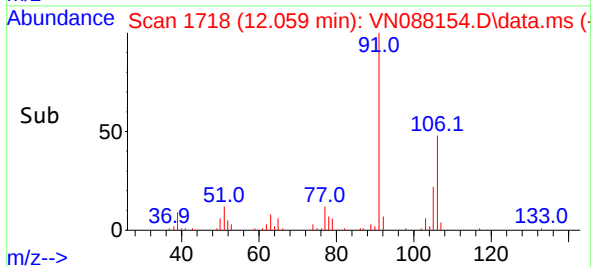
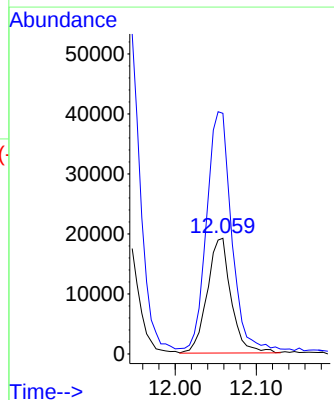
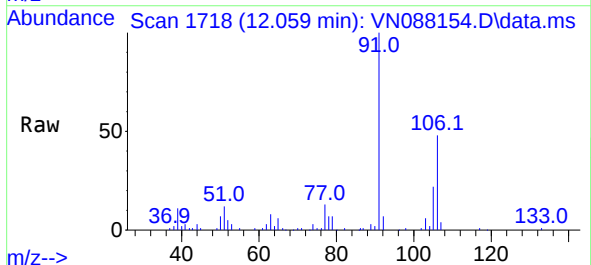
Instrument :
MSVOA_N
ClientSampleId :
MW-06

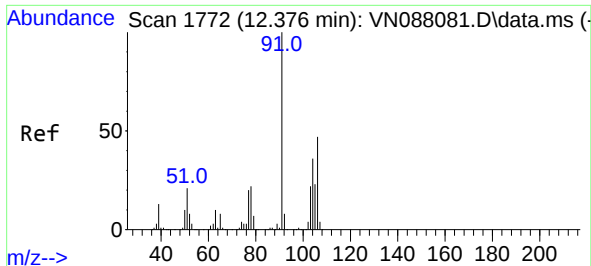
Tgt Ion: 91 Resp: 104057
Ion Ratio Lower Upper
91 100
106 31.5 24.1 36.1



#68
m/p-Xylenes
Concen: 4.849 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. 0.012 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion:106 Resp: 39145
Ion Ratio Lower Upper
106 100
91 218.6 169.3 253.9

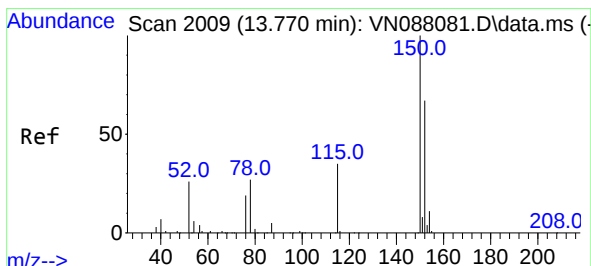
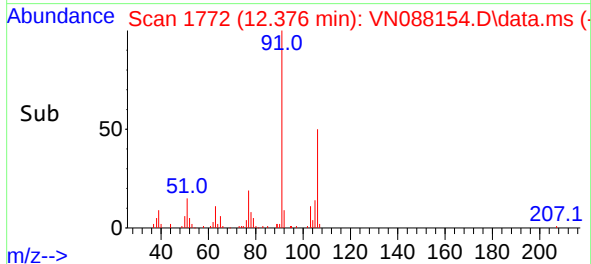
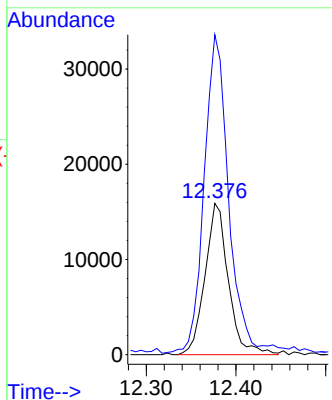
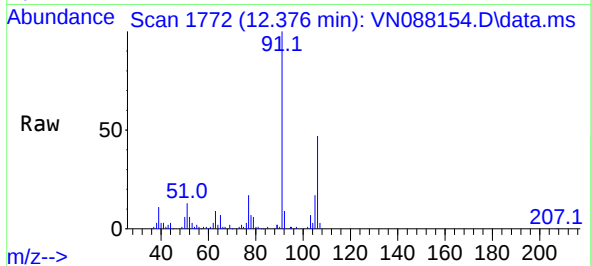




#69
o-Xylene
Concen: 3.758 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

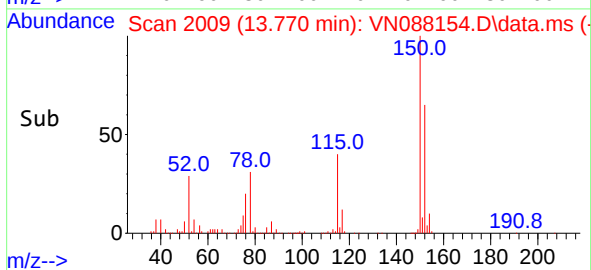
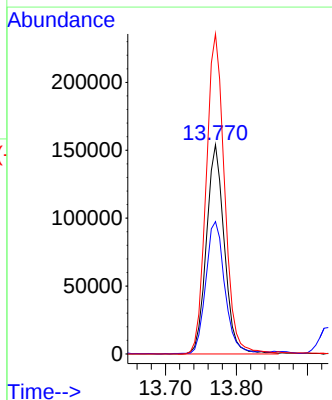
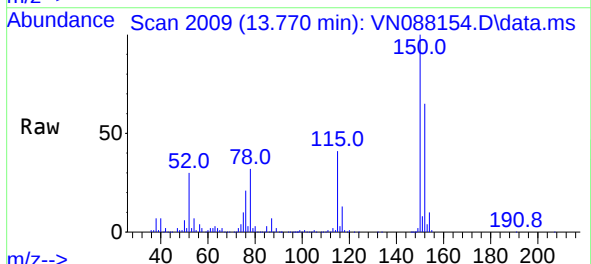
Instrument :
MSVOA_N
ClientSampleId :
MW-06

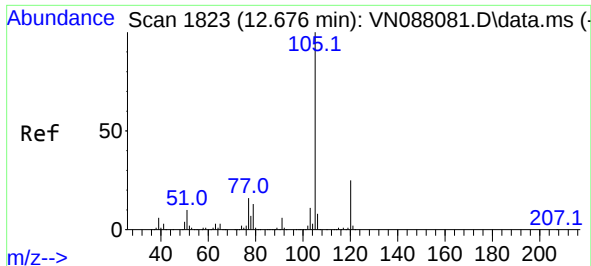
Tgt Ion:106 Resp: 28759
Ion Ratio Lower Upper
106 100
91 216.6 111.4 334.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion:152 Resp: 270083
Ion Ratio Lower Upper
152 100
115 67.6 32.3 96.8
150 156.8 0.0 351.0

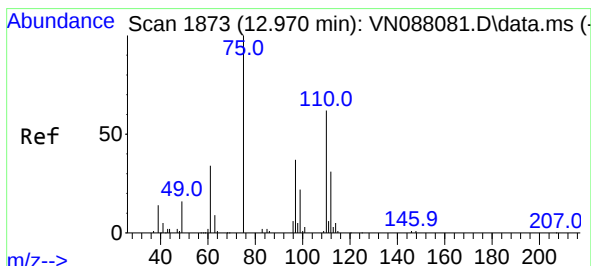
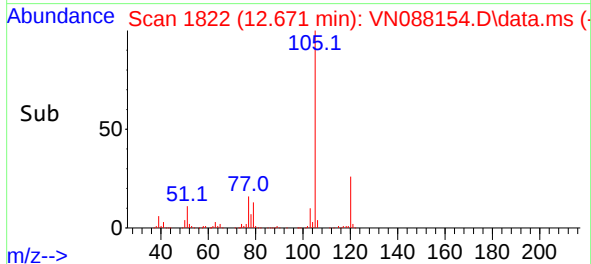
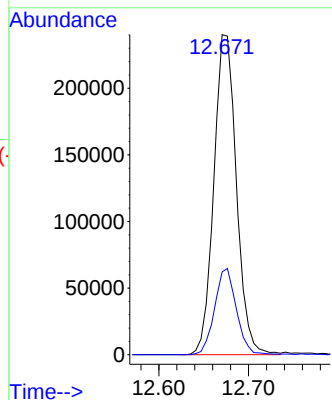
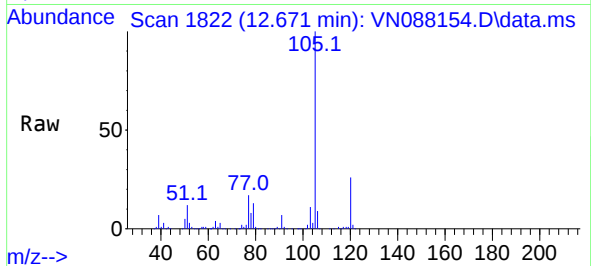




#73
Isopropylbenzene
Concen: 20.146 ug/l
RT: 12.671 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

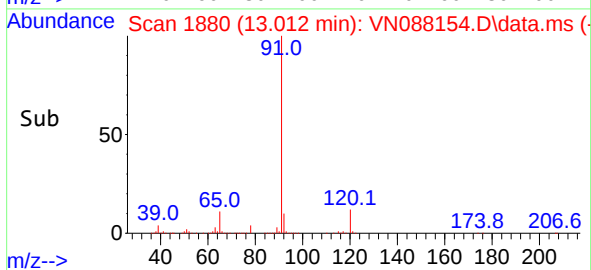
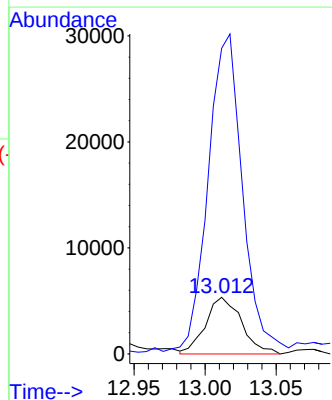
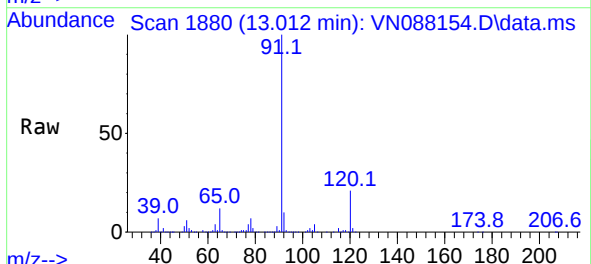
Instrument :
MSVOA_N
ClientSampleId :
MW-06

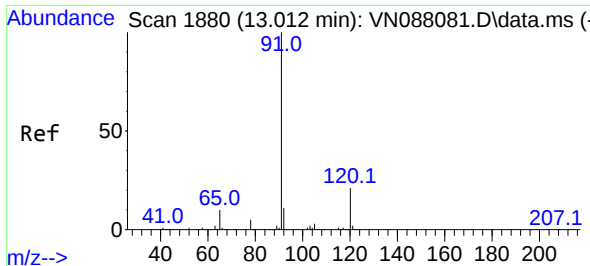
Tgt Ion:105 Resp: 419665
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3



#76
1,2,3-Trichloropropane
Concen: 1.524 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.041 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 75 Resp: 9412
Ion Ratio Lower Upper
75 100
77 550.9 89.1 267.4#

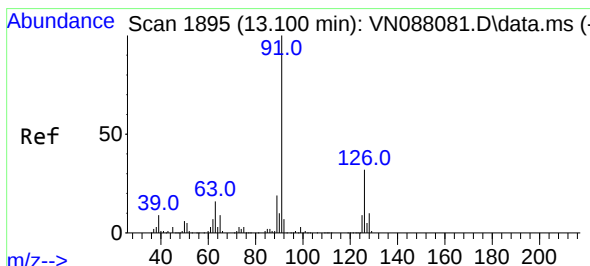
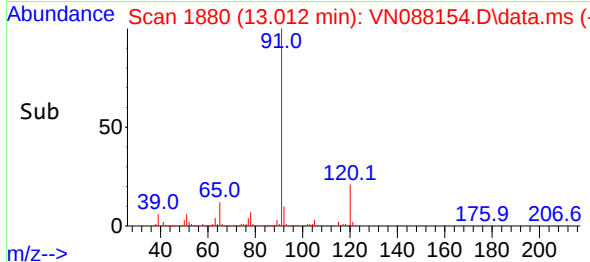
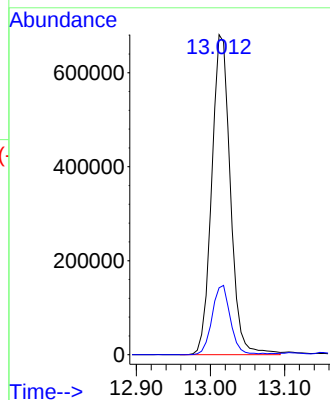
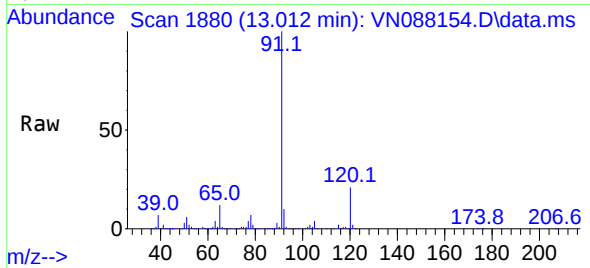




#78
n-propylbenzene
Concen: 46.810 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

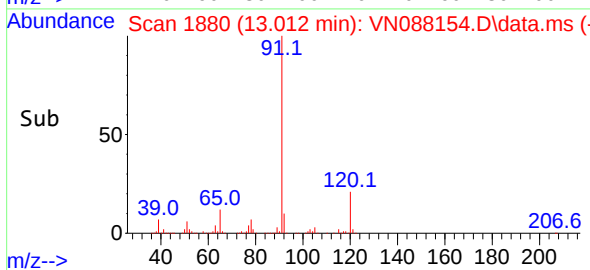
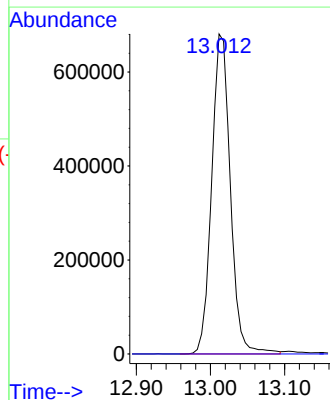
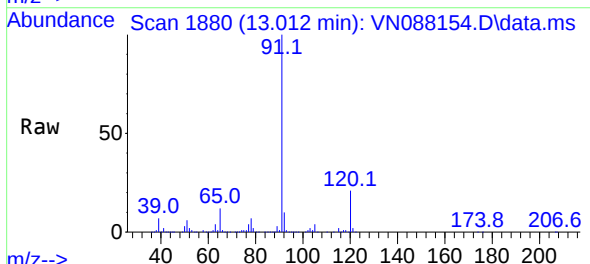
Instrument : MSVOA_N
ClientSampleId : MW-06

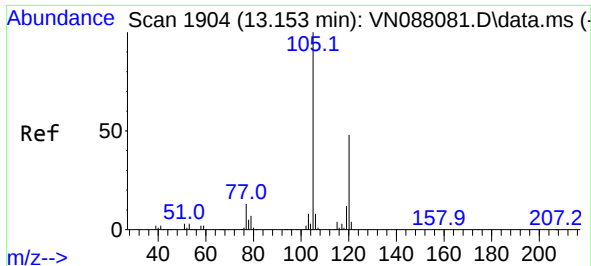
Tgt Ion: 91 Resp: 1189938
Ion Ratio Lower Upper
91 100
120 21.1 10.7 32.1



#79
2-Chlorotoluene
Concen: 82.081 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.088 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 91 Resp: 1189938
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#

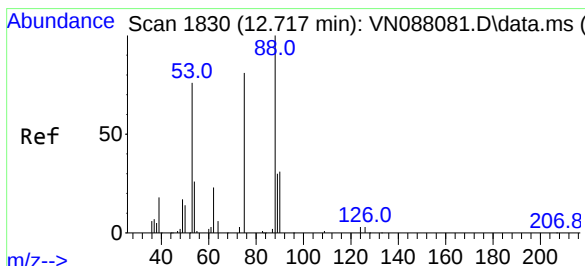
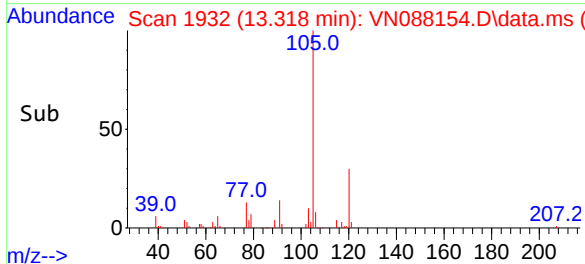
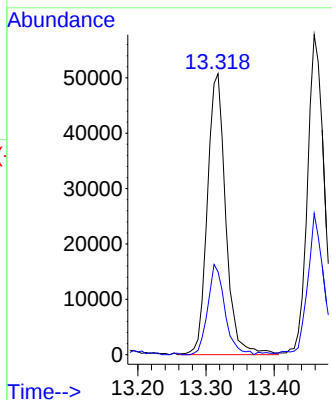
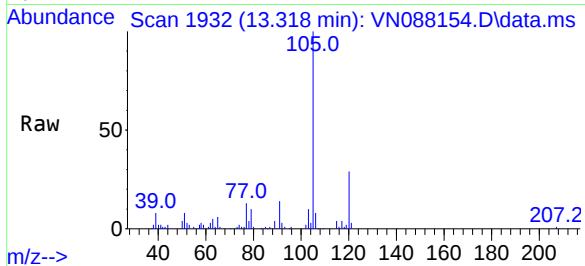




#80
1,3,5-Trimethylbenzene
Concen: 5.490 ug/l
RT: 13.318 min Scan# 1904
Delta R.T. 0.165 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

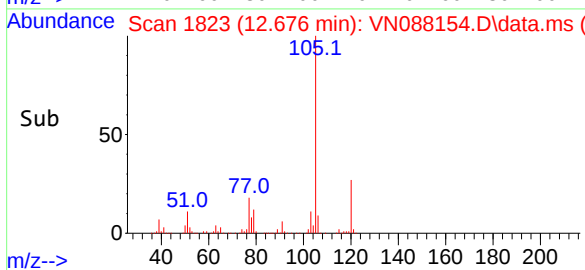
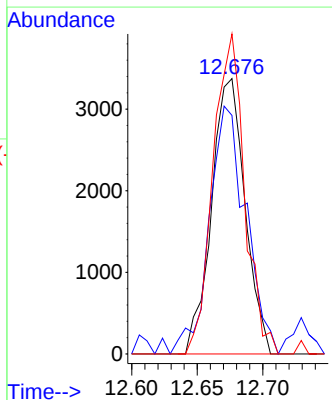
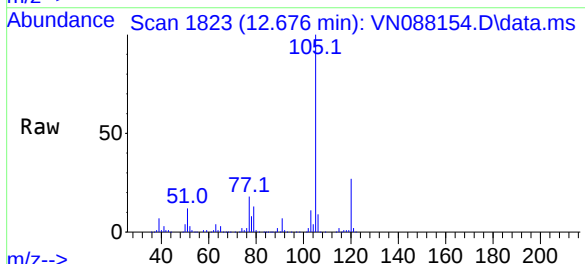
Instrument :
MSVOA_N
ClientSampleId :
MW-06

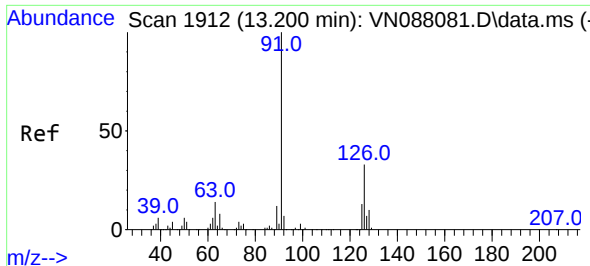
Tgt Ion:105 Resp: 94970
Ion Ratio Lower Upper
105 100
120 29.8 23.2 69.6



#81
trans-1,4-Dichloro-2-butene
Concen: 2.710 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.041 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 75 Resp: 5999
Ion Ratio Lower Upper
75 100
53 99.2 101.8 152.6#
89 109.3 35.6 53.4#

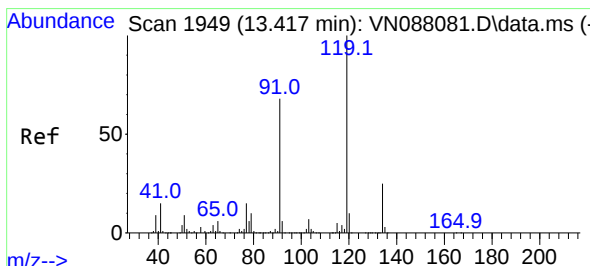
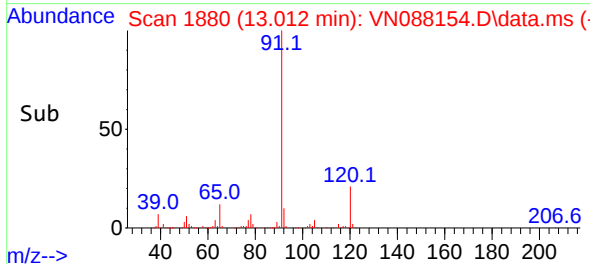
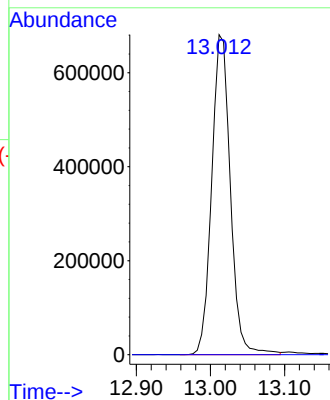
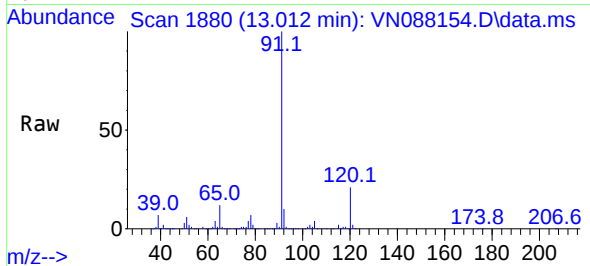




#82
4-Chlorotoluene
Concen: 75.868 ug/l
RT: 13.012 min Scan# 1189938
Delta R.T. -0.188 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

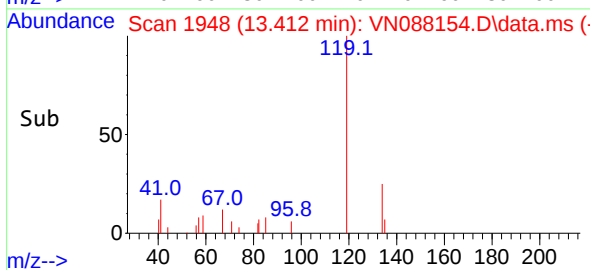
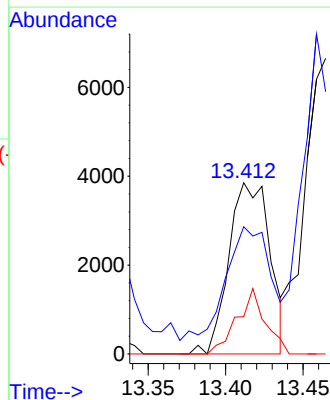
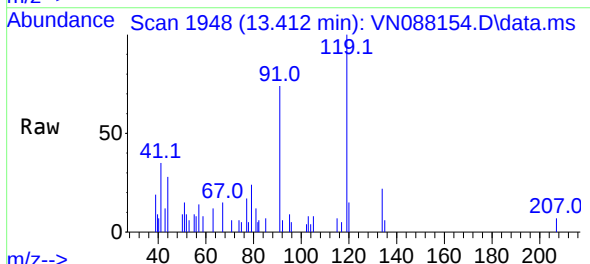
Instrument :
MSVOA_N
ClientSampleId :
MW-06

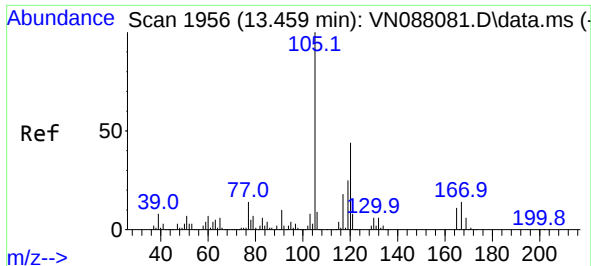
Tgt Ion: 91 Resp: 1189938
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 0.460 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 119 Resp: 7116
Ion Ratio Lower Upper
119 100
91 68.9 35.0 105.0
134 26.2 12.6 37.8

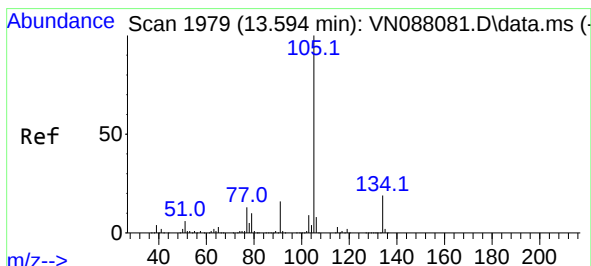
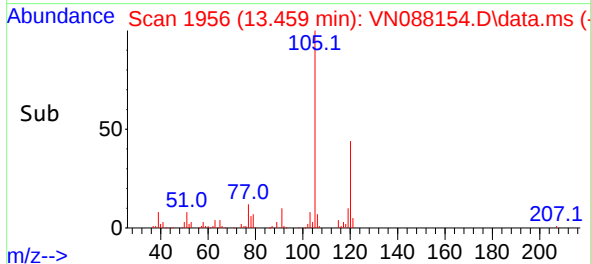
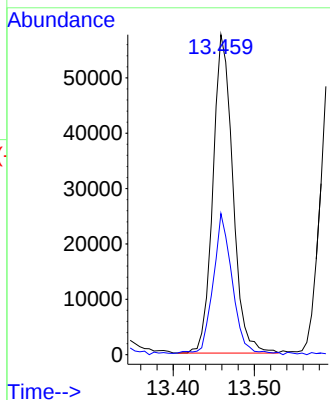
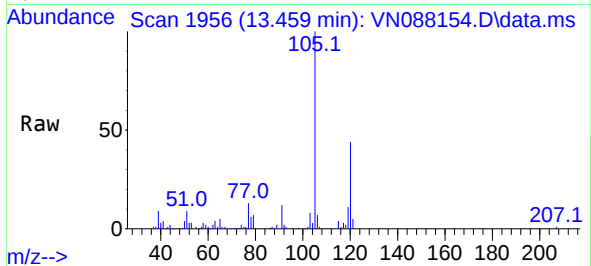




#84
1,2,4-Trimethylbenzene
Concen: 5.666 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

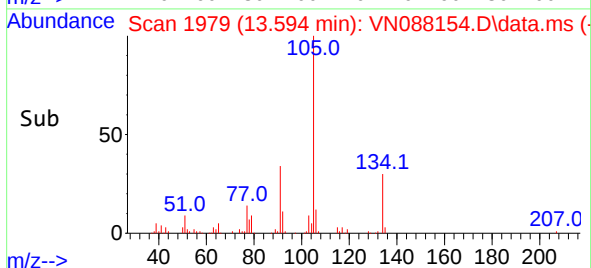
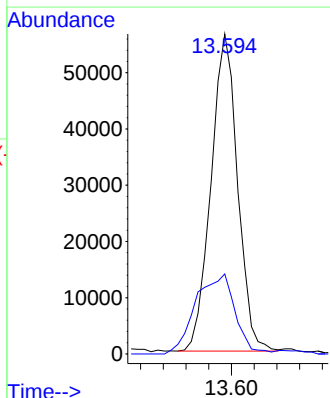
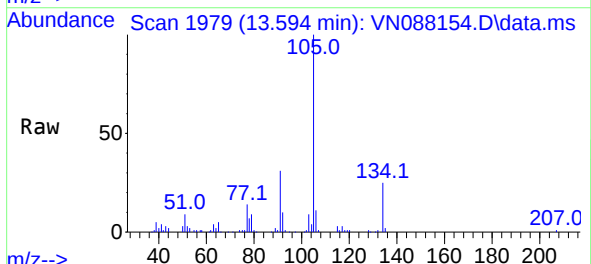
Instrument :
MSVOA_N
ClientSampleId :
MW-06

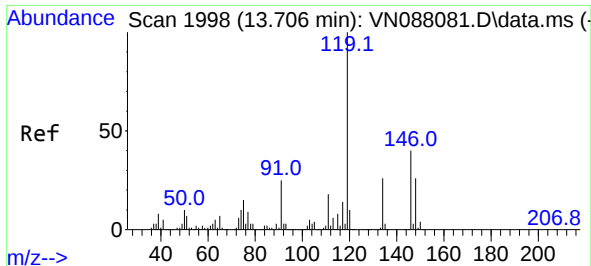
Tgt Ion:105 Resp: 98069
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0



#85
sec-Butylbenzene
Concen: 4.039 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion:105 Resp: 91716
Ion Ratio Lower Upper
105 100
134 37.2 9.6 28.6#

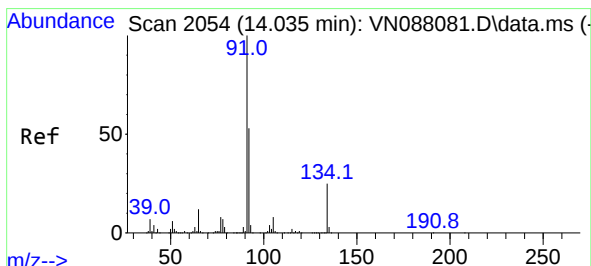
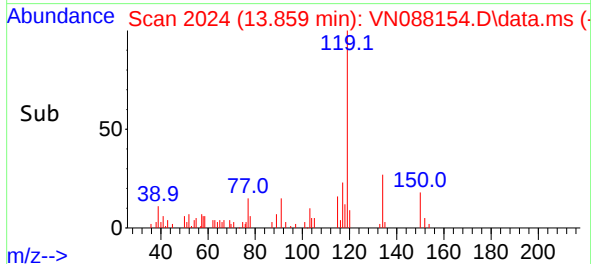
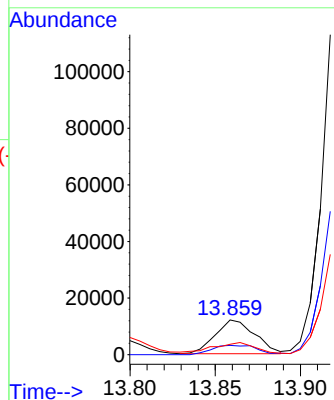
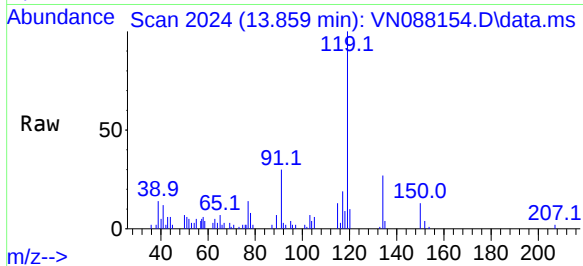




#86
p-Isopropyltoluene
Concen: 1.053 ug/l
RT: 13.859 min Scan# 2024
Delta R.T. 0.153 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

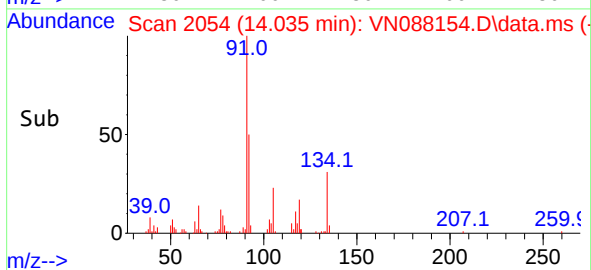
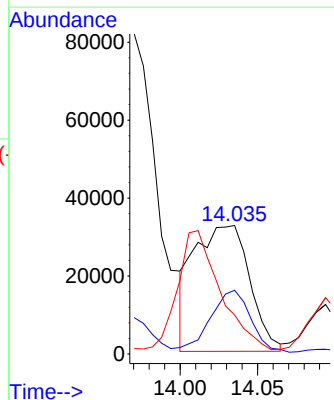
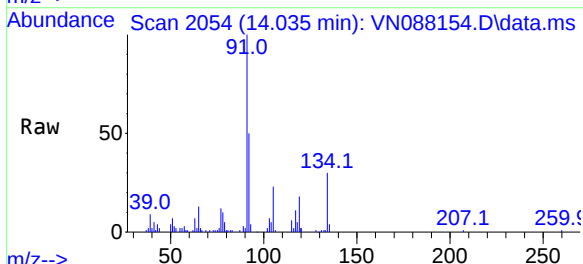
Instrument :
MSVOA_N
ClientSampleId :
MW-06

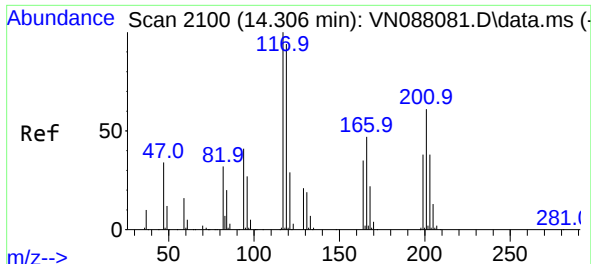
Tgt Ion:	119	Resp:	19181
Ion	Ratio	Lower	Upper
119	100		
134	32.8	12.7	38.0
91	34.7	12.5	37.5



#89
n-Butylbenzene
Concen: 4.464 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion:	91	Resp:	80547
Ion	Ratio	Lower	Upper
91	100		
92	37.6	25.9	77.8
134	0.0	11.7	35.0

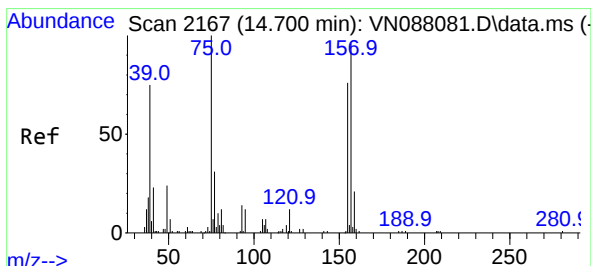
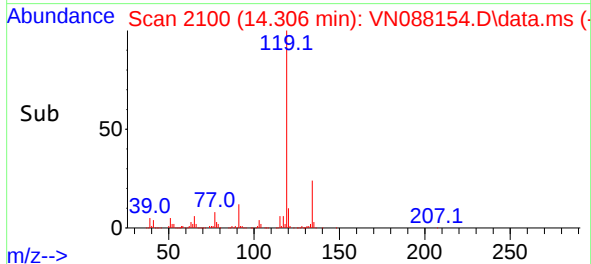
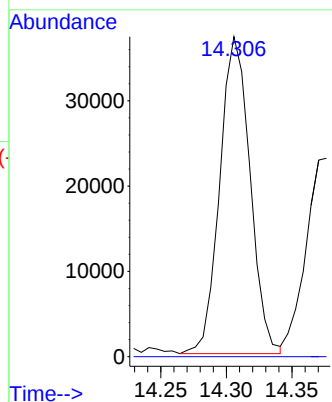
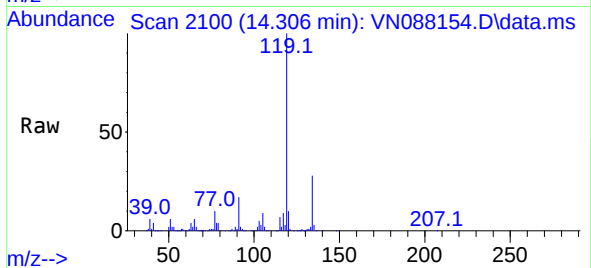




#90
Hexachloroethane
Concen: 16.927 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

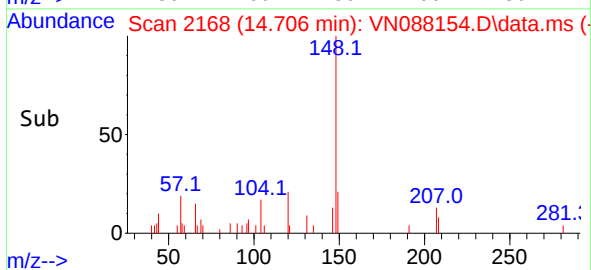
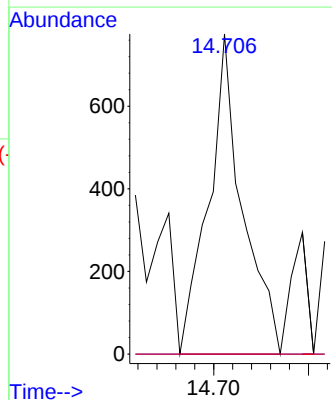
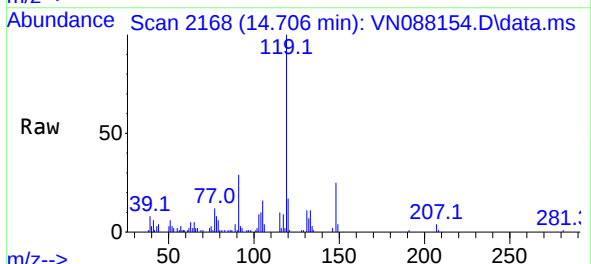
Instrument :
MSVOA_N
ClientSampleId :
MW-06

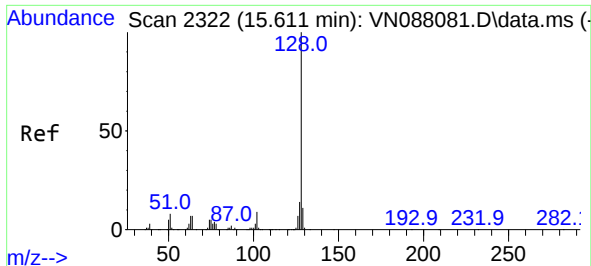
Tgt Ion:117 Resp: 59707
Ion Ratio Lower Upper
117 100
201 0.0 29.1 87.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.635 ug/l
RT: 14.706 min Scan# 2168
Delta R.T. 0.006 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Tgt Ion: 75 Resp: 959
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.9#
157 0.0 45.6 136.9#





#95
Naphthalene
Concen: 48.479 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088154.D
Acq: 29 Oct 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
MW-06

Tgt Ion:128 Resp: 869407
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.7 8.6 12.8

