

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084545.D
 Acq On : 28 Oct 2024 17:29
 Operator : JC\MD
 Sample : P4550-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 18:36:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

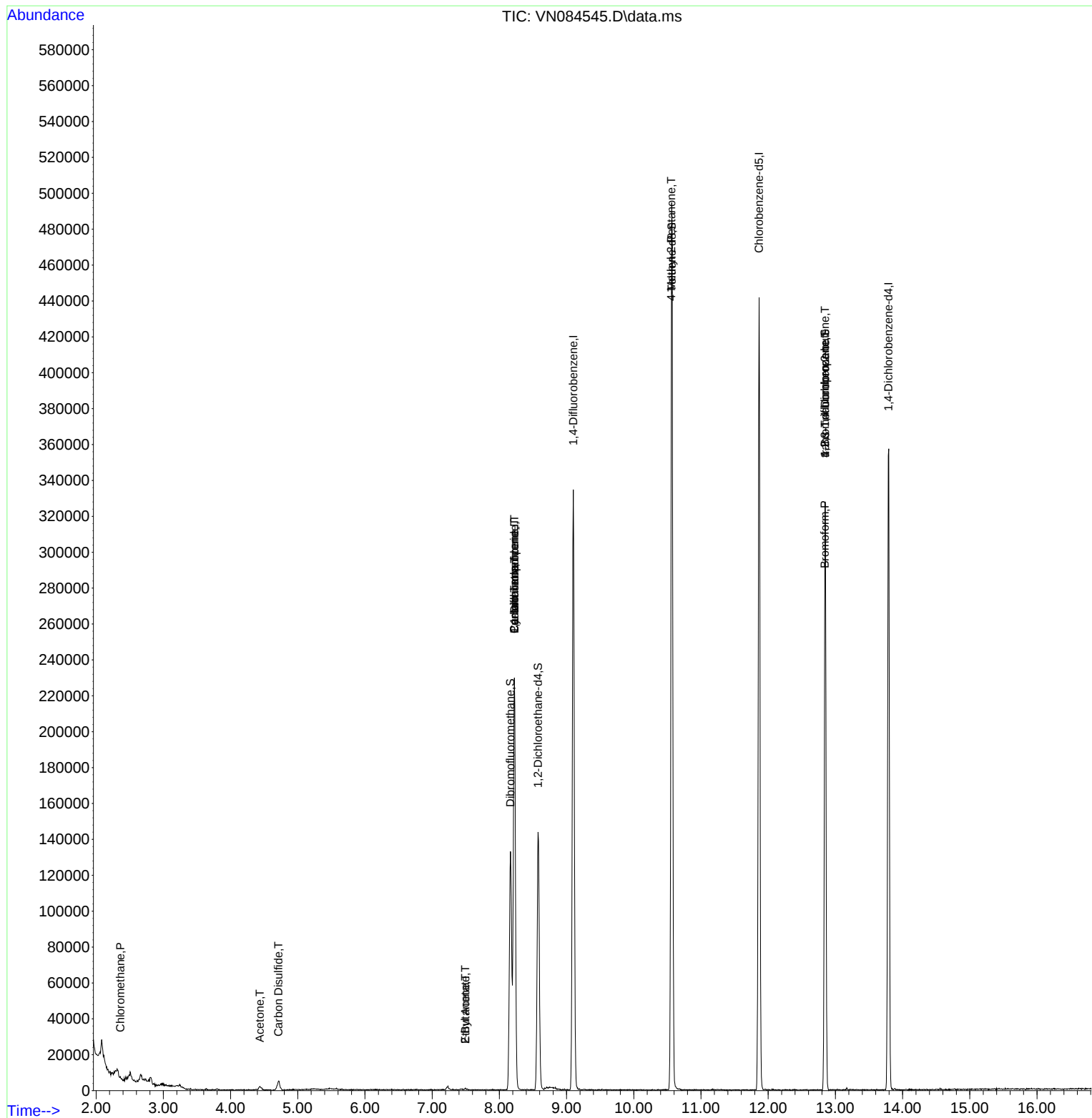
Internal Standards						
1) Pentafluorobenzene	8.224	168	161796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	119432	49.786	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.580%		
35) Dibromofluoromethane	8.165	113	96169	51.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.720%		
50) Toluene-d8	10.565	98	343231	49.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.847	95	115317	45.949	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.900%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	796	0.364	ug/l #	85
16) Acetone	4.436	43	3890	3.775	ug/l #	87
17) Carbon Disulfide	4.712	76	9889	1.715	ug/l #	89
25) 2-Butanone	7.494	43	1318	0.939	ug/l #	83
31) Cyclohexane	8.224	56	3914	1.102	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14116	5.190	ug/l #	51
37) Ethyl Acetate	7.494	43	1318	0.472	ug/l #	69
38) Carbon Tetrachloride	8.224	117	18114	6.072	ug/l #	14
51) 4-Methyl-2-Pentanone	10.559	43	1662	0.626	ug/l #	1
71) Bromoform	12.841	173	651	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	59175	29.098	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59175	69.761	ug/l #	11

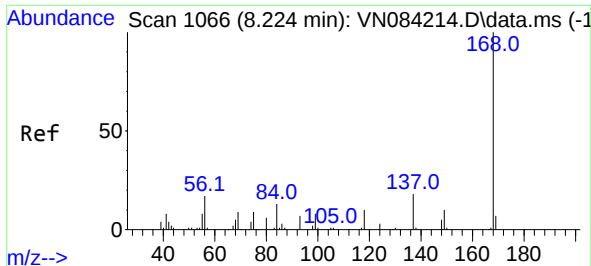
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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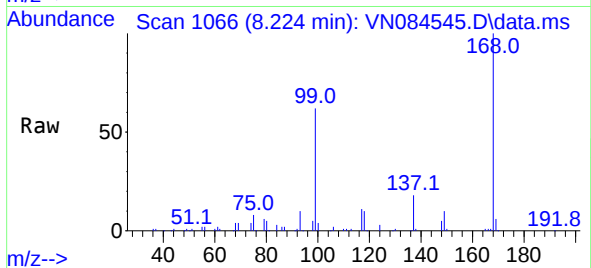
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



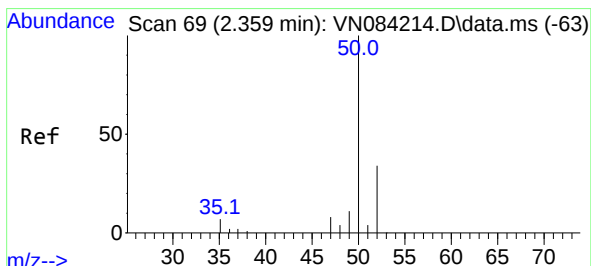
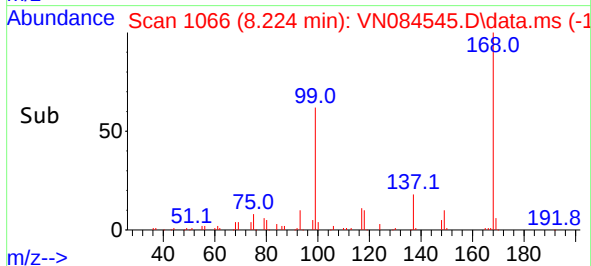
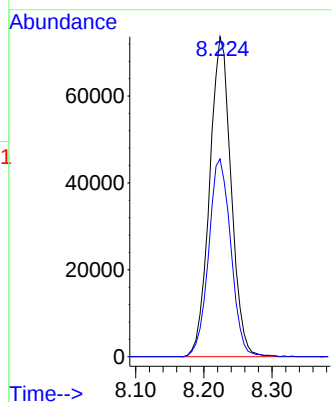


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

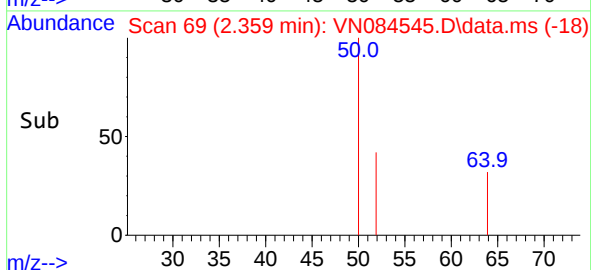
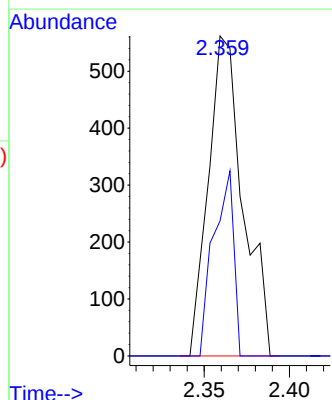
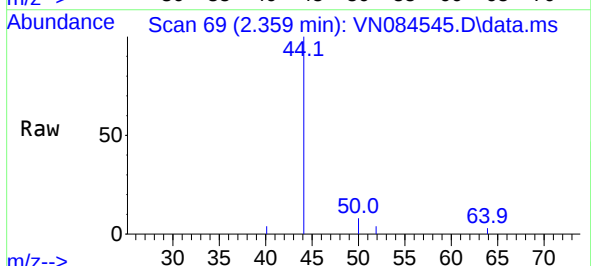


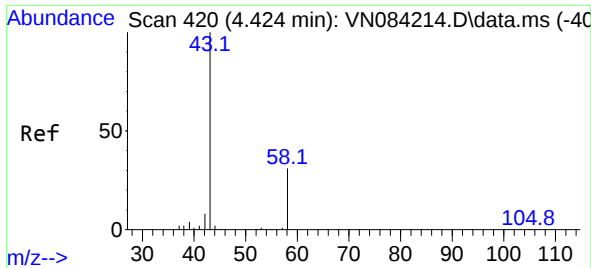
Tgt Ion:168 Resp: 161796
Ion Ratio Lower Upper
168 100
99 61.8 54.2 81.2



#3
Chloromethane
Concen: 0.364 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Tgt Ion: 50 Resp: 796
Ion Ratio Lower Upper
50 100
52 42.2 26.8 40.2#

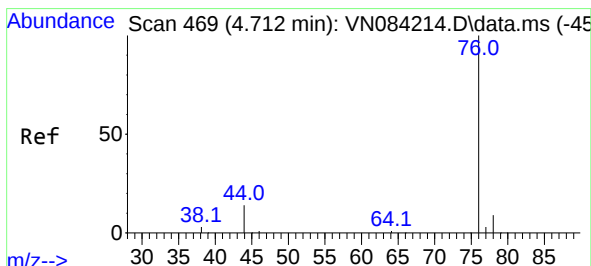
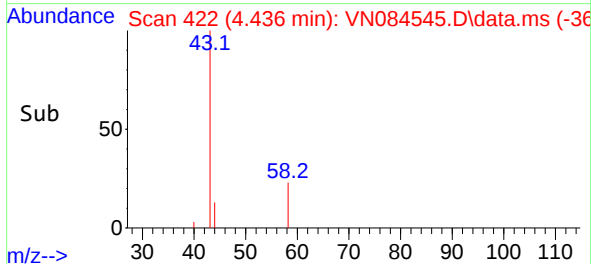
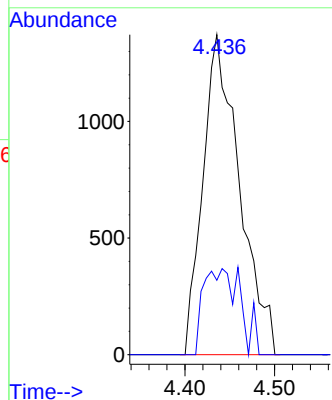
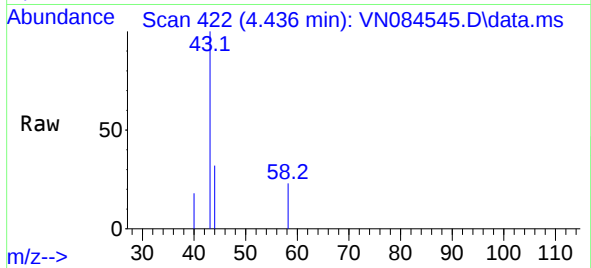




#16
Acetone
Concen: 3.775 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

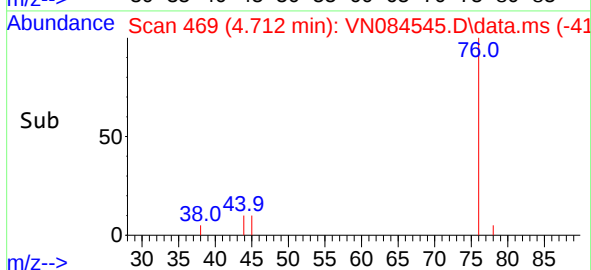
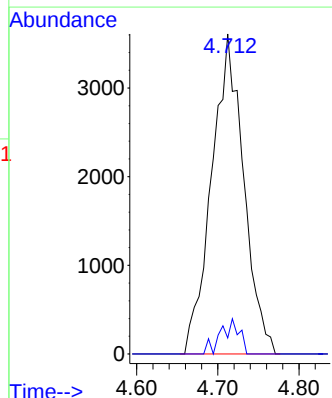
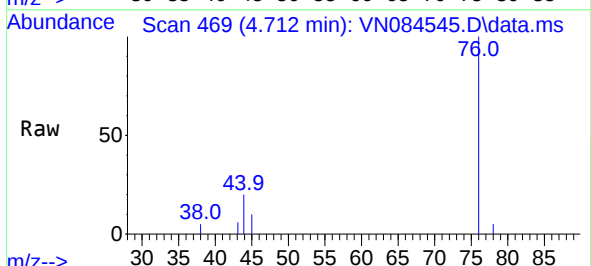
Instrument :
MSVOA_N
ClientSampleId :

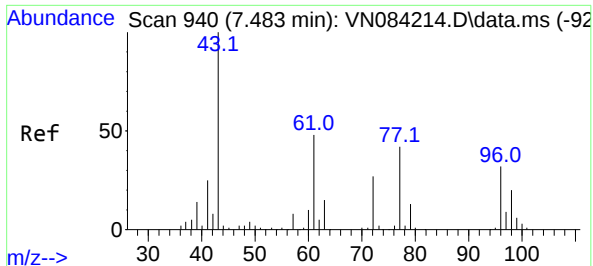
Tgt Ion: 43 Resp: 3890
Ion Ratio Lower Upper
43 100
58 23.3 24.4 36.6#



#17
Carbon Disulfide
Concen: 1.715 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Tgt Ion: 76 Resp: 9889
Ion Ratio Lower Upper
76 100
78 5.0 7.3 10.9#

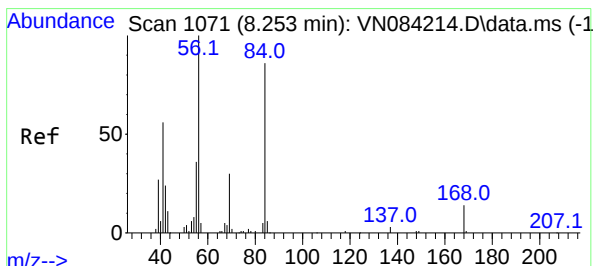
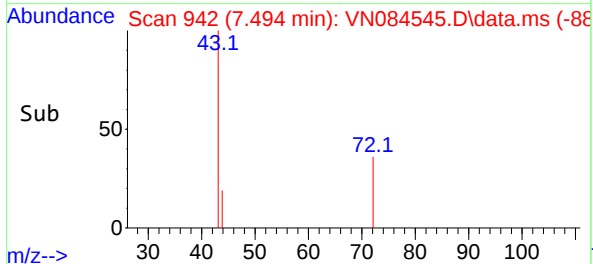
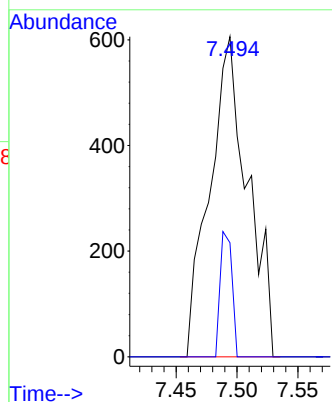
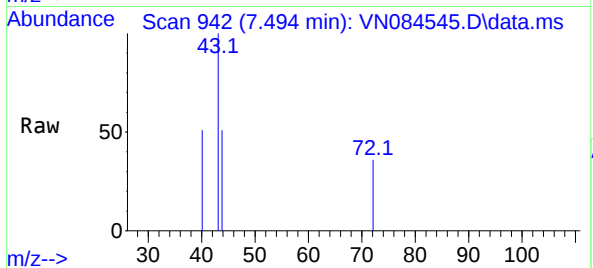




#25
2-Butanone
Concen: 0.939 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

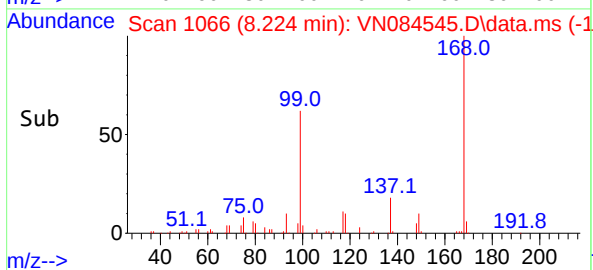
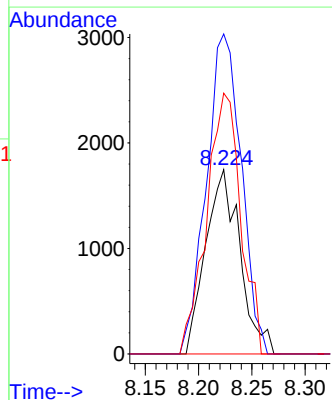
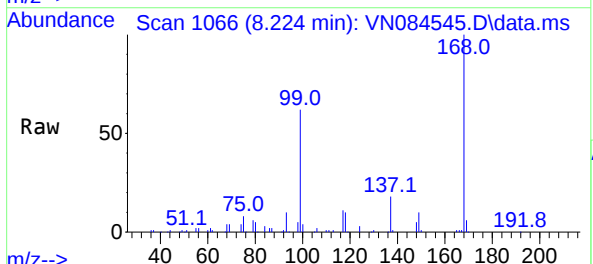
Instrument :
MSVOA_N
ClientSampleId :

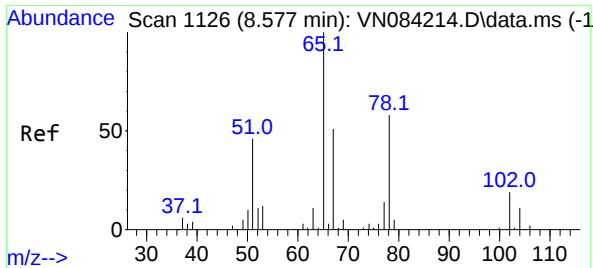
Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
72 35.6 21.4 32.2#



#31
Cyclohexane
Concen: 1.102 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Tgt Ion: 56 Resp: 3914
Ion Ratio Lower Upper
56 100
69 173.6 23.8 35.6#
84 141.5 68.8 103.2#

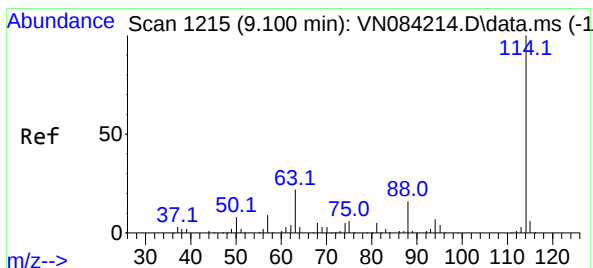
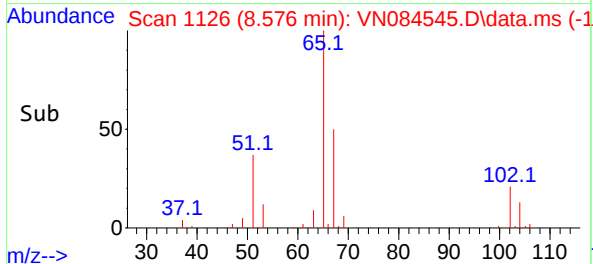
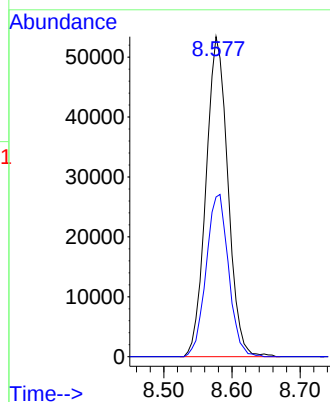
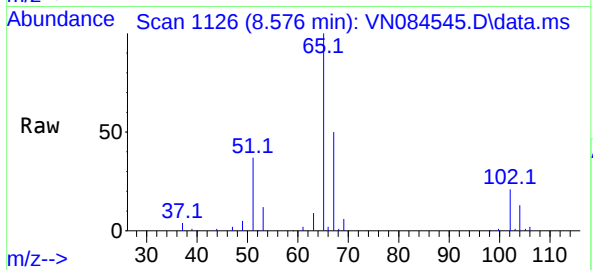




#33
1,2-Dichloroethane-d4
Concen: 49.786 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

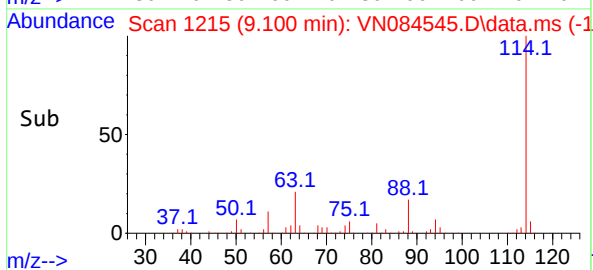
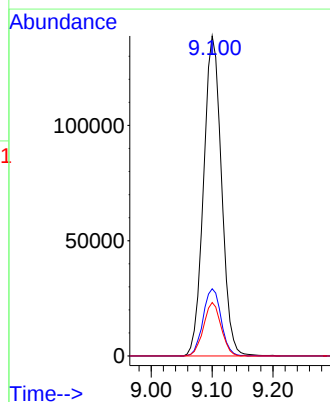
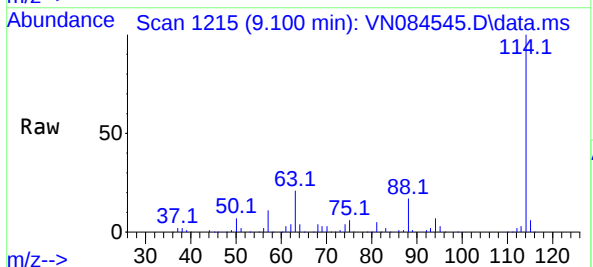
Instrument :
MSVOA_N
ClientSampleId :

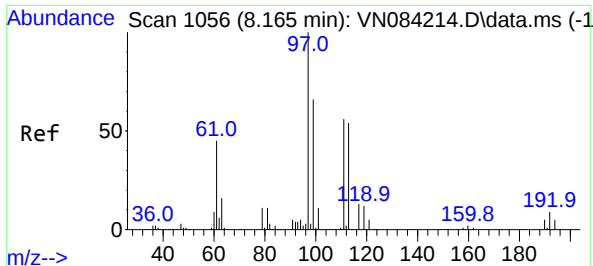
Tgt Ion: 65 Resp: 119432
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

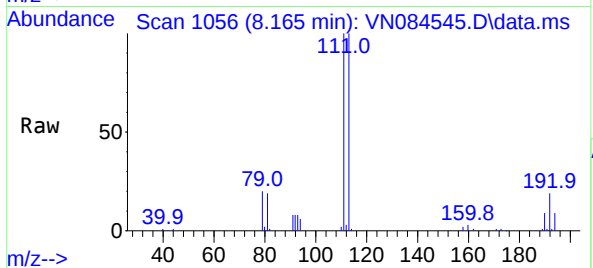
Tgt Ion: 114 Resp: 284018
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.8
88 16.7 0.0 31.6



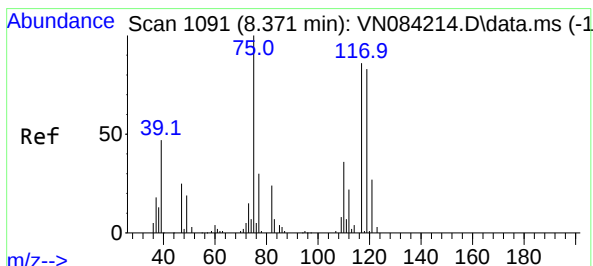
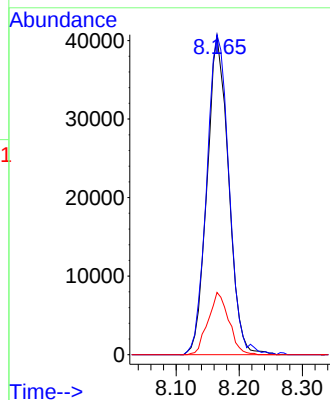
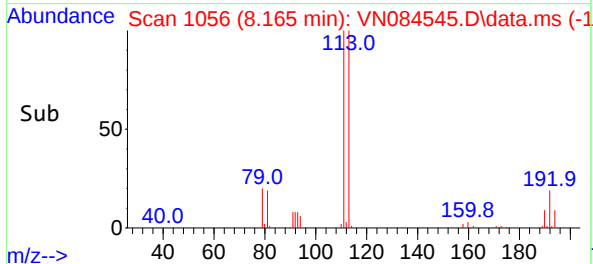


#35
Dibromofluoromethane
Concen: 51.361 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

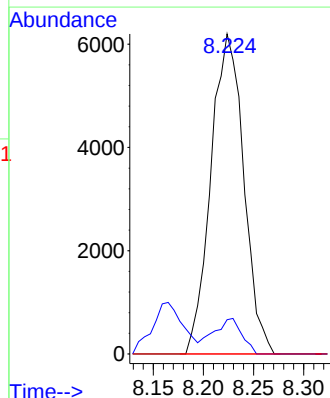
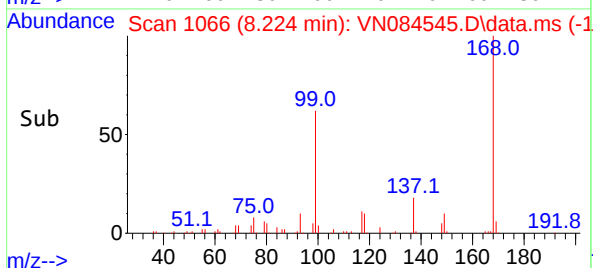
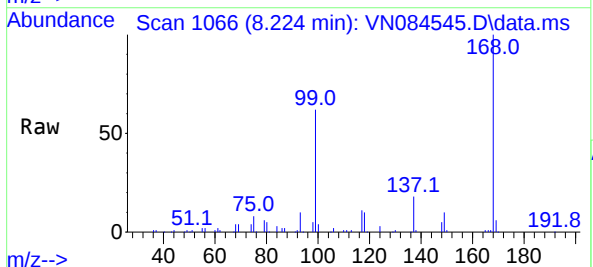


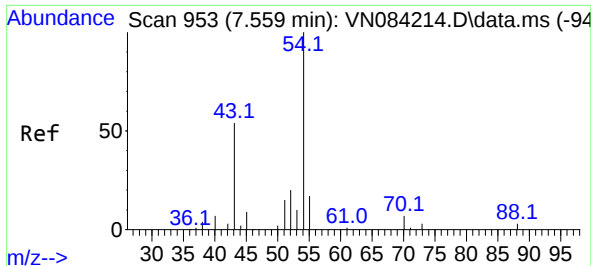
Tgt Ion:113 Resp: 96169
Ion Ratio Lower Upper
113 100
111 103.9 83.3 124.9
192 18.8 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.190 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

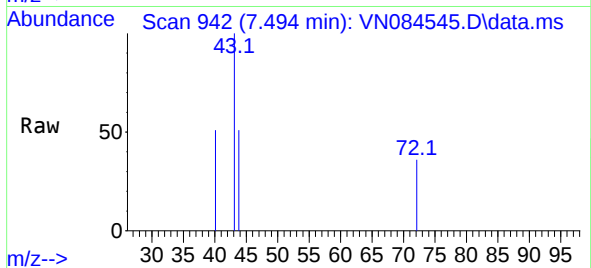
Tgt Ion: 75 Resp: 14116
Ion Ratio Lower Upper
75 100
110 9.7 16.9 50.7#
77 0.0 24.7 37.1#



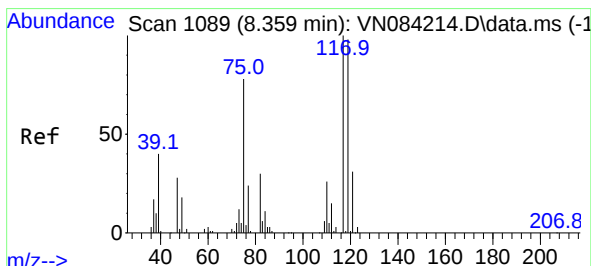
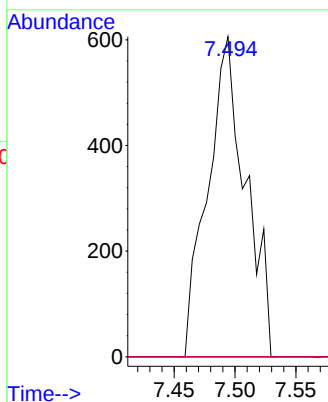


#37
Ethyl Acetate
Concen: 0.472 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.065 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

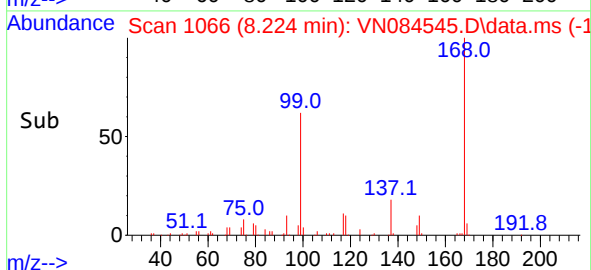
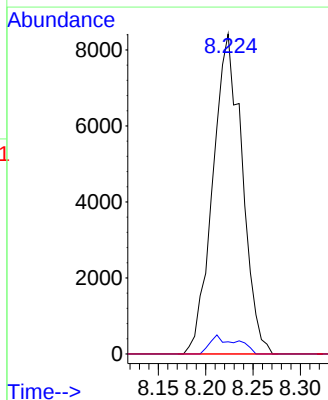
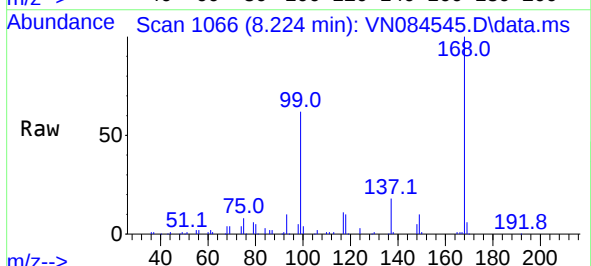


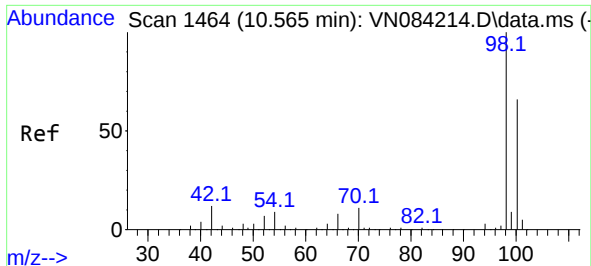
Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.072 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Tgt Ion: 117 Resp: 18114
Ion Ratio Lower Upper
117 100
119 3.8 78.7 118.1#
121 0.0 24.4 36.6#

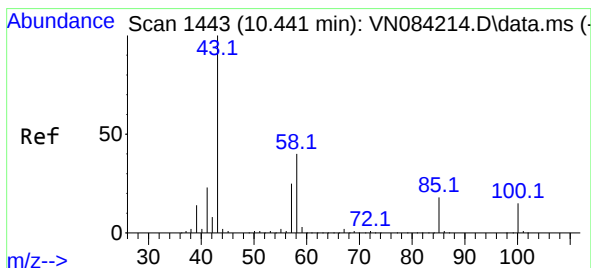
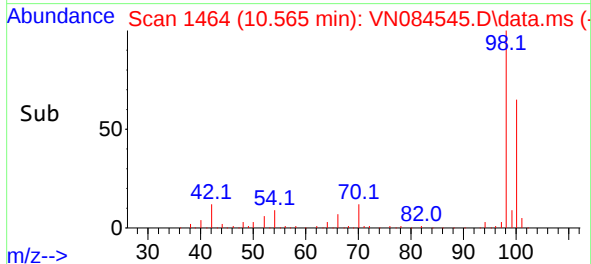
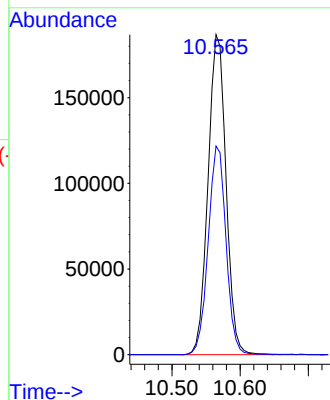
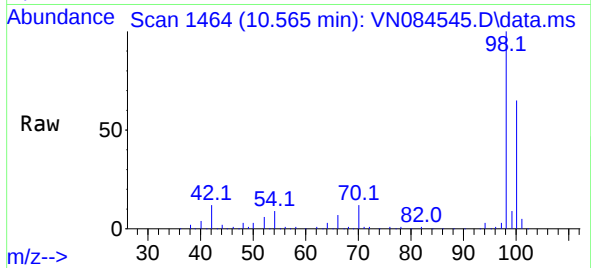




#50
Toluene-d8
Concen: 49.824 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

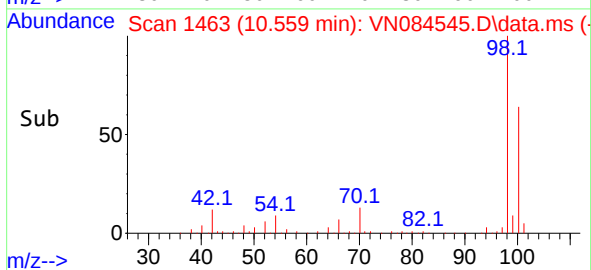
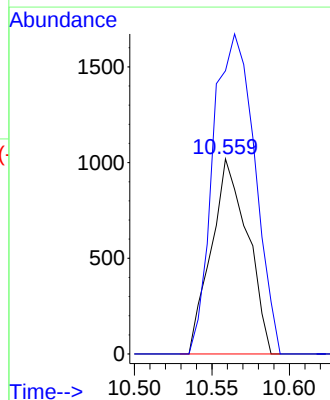
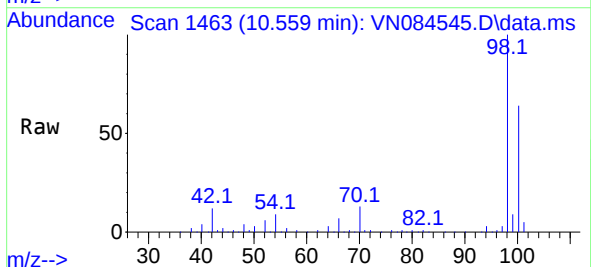
Instrument :
MSVOA_N
ClientSampleId :

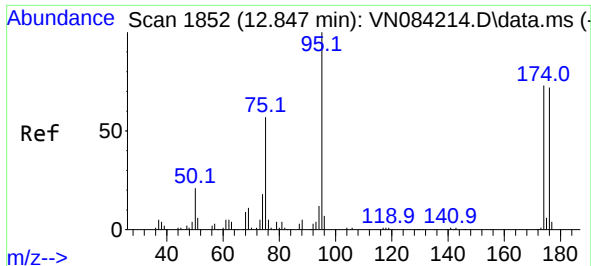
Tgt Ion: 98 Resp: 343231
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Tgt Ion: 43 Resp: 1662
Ion Ratio Lower Upper
43 100
58 187.9 31.6 47.4#

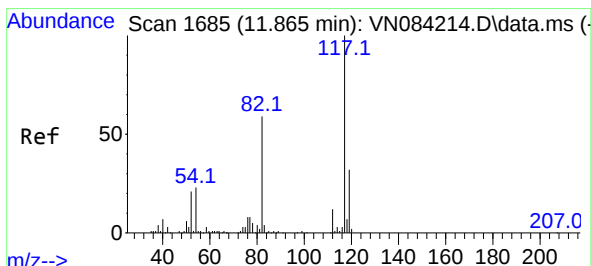
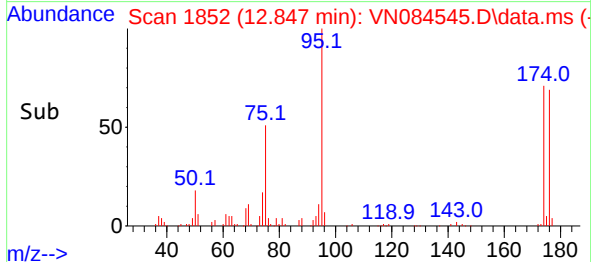
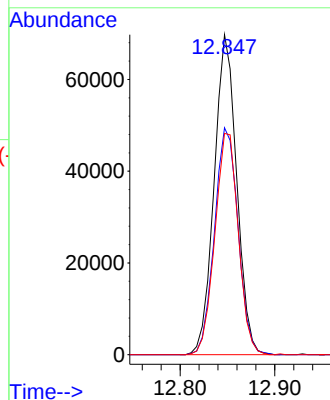
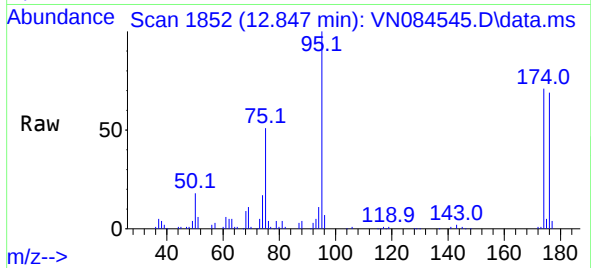




#62
4-Bromofluorobenzene
Concen: 45.949 ug/l
RT: 12.847 min Scan# 115317
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

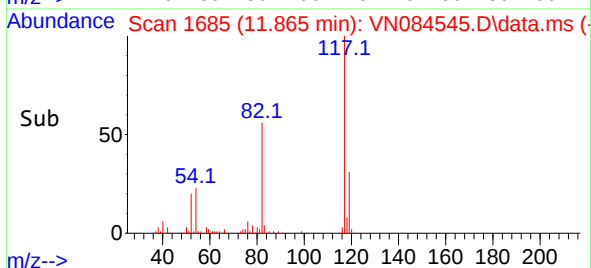
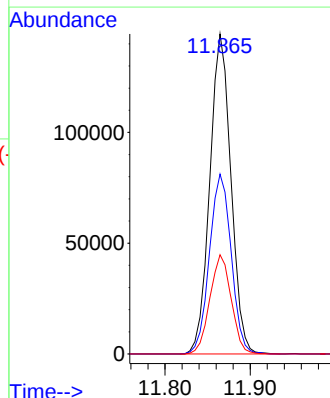
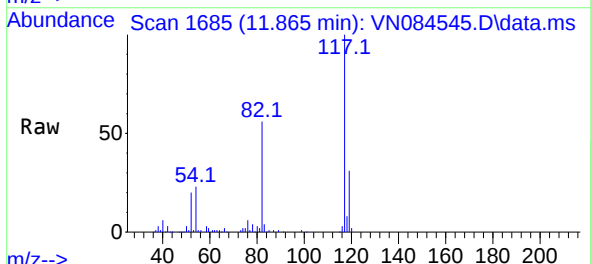
Instrument :
MSVOA_N
ClientSampleId :

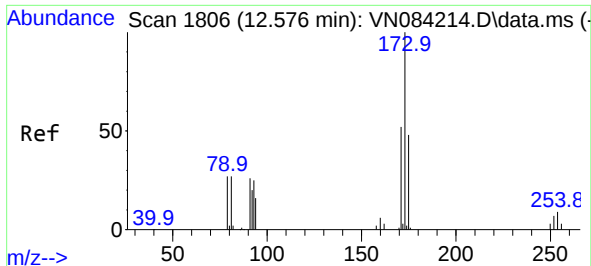
Tgt Ion: 95 Resp: 115317
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 71.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

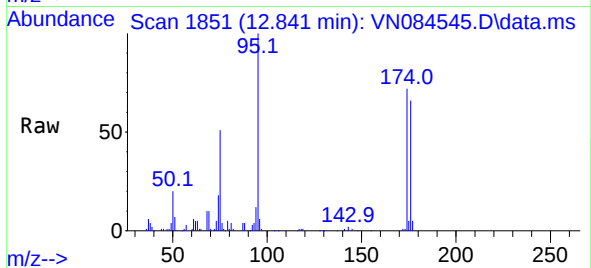
Tgt Ion:117 Resp: 249132
Ion Ratio Lower Upper
117 100
82 56.2 47.2 70.8
119 31.0 25.4 38.0



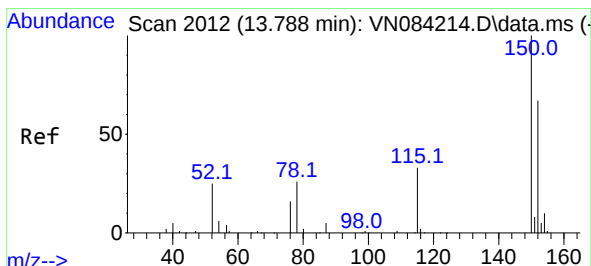
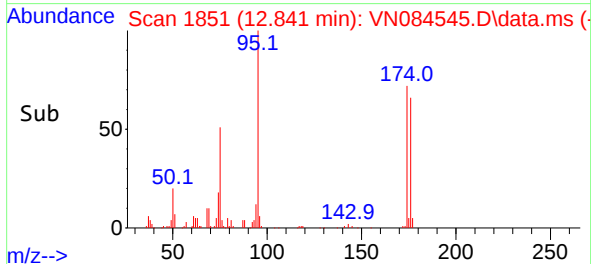
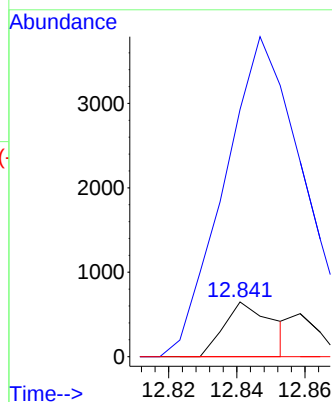


#71
Bromoform
Concen: 0.465 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

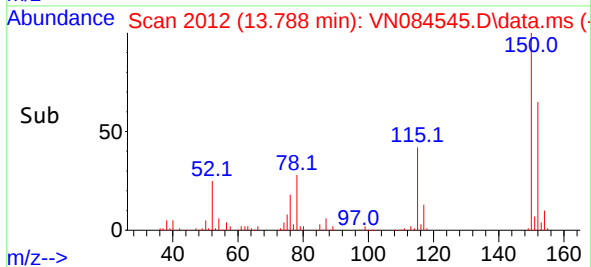
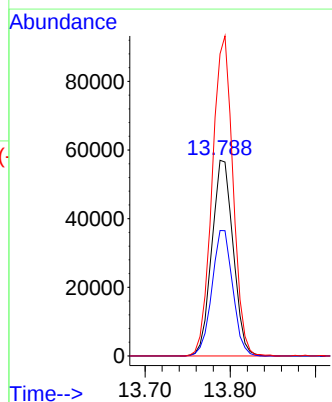
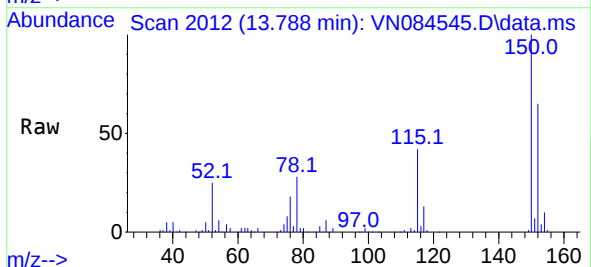


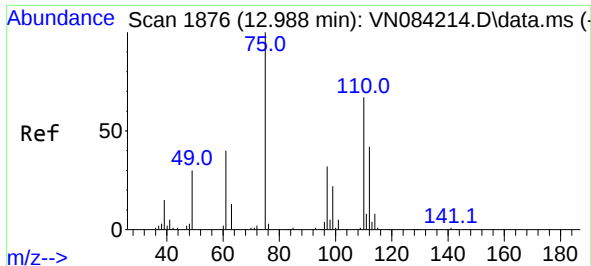
Tgt Ion:173 Resp: 651
Ion Ratio Lower Upper
173 100
175 702.8 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Tgt Ion:152 Resp: 99614
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.9
150 158.7 0.0 349.8

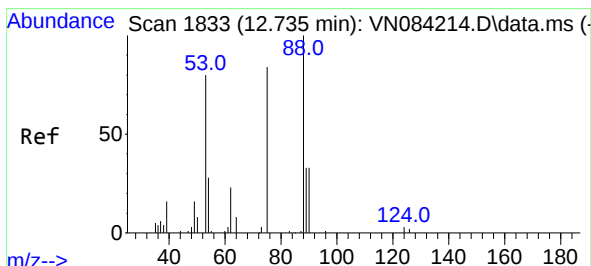
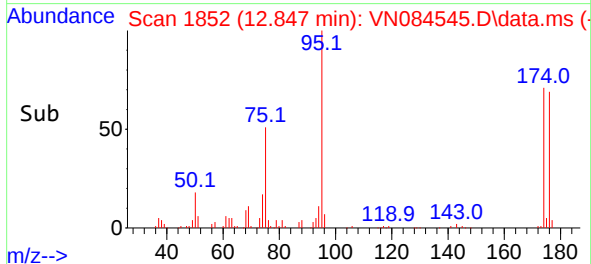
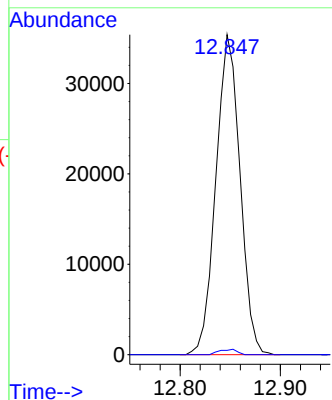
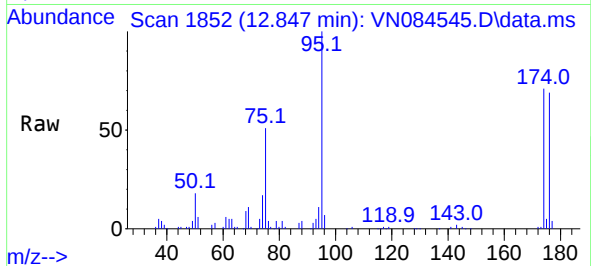




#76
1,2,3-Trichloropropane
Concen: 29.098 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 59175
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.761 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084545.D
Acq: 28 Oct 2024 17:29

Tgt Ion: 75 Resp: 59175
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

