

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084536.D
 Acq On : 28 Oct 2024 13:53
 Operator : JC\MD
 Sample : P4550-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 14:15:33 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	162900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118873	49.217	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	8.165	113	97693	51.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.600%
50) Toluene-d8	10.565	98	344563	49.663	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.847	95	114018	45.109	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.220%

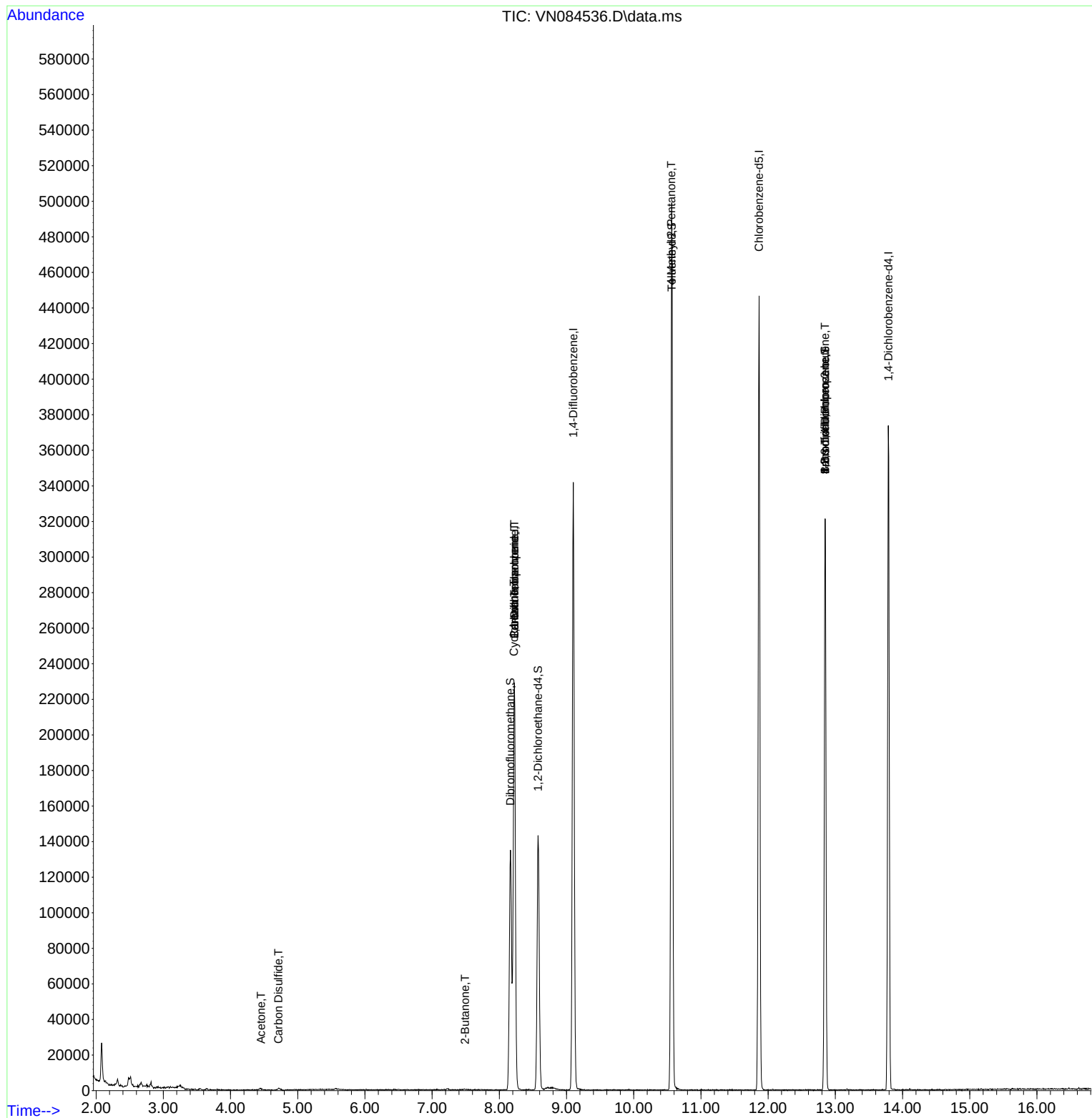
Target Compounds					Qvalue	
16) Acetone	4.454	43	1964	1.893	ug/l #	44
17) Carbon Disulfide	4.712	76	1185	0.204	ug/l #	75
25) 2-Butanone	7.489	43	434	0.307	ug/l #	48
31) Cyclohexane	8.218	56	3446	0.963	ug/l #	17
36) 1,1-Dichloropropene	8.224	75	14368	5.245	ug/l #	52
38) Carbon Tetrachloride	8.224	117	18000	5.990	ug/l #	15
51) 4-Methyl-2-Pentanone	10.559	43	1286	0.481	ug/l #	1
71) Bromoform	12.847	173	872	0.624	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	60609	29.512	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60609	70.753	ug/l #	11

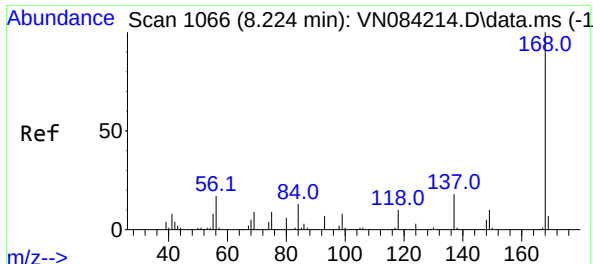
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :

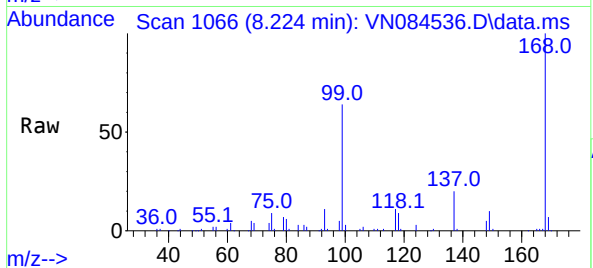
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



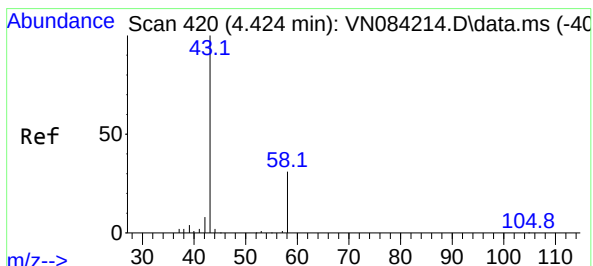
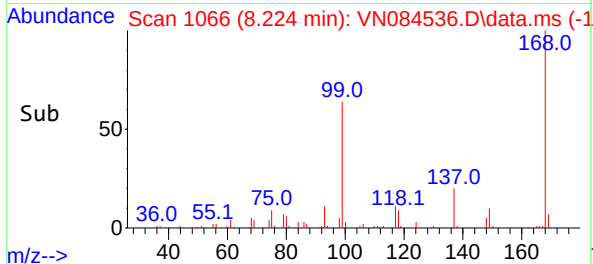
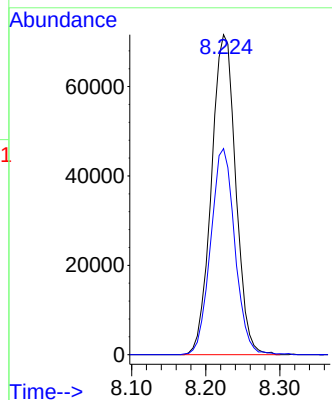


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

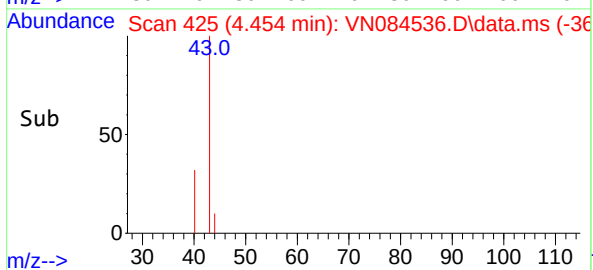
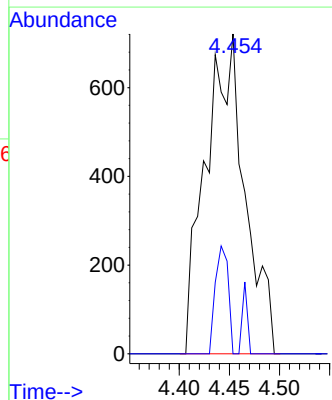
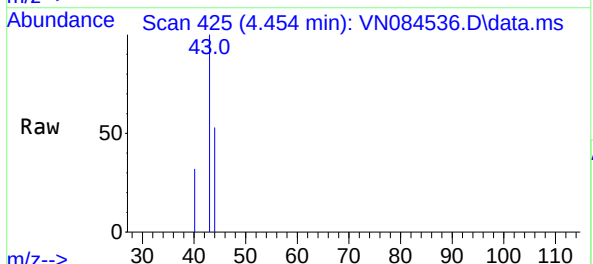


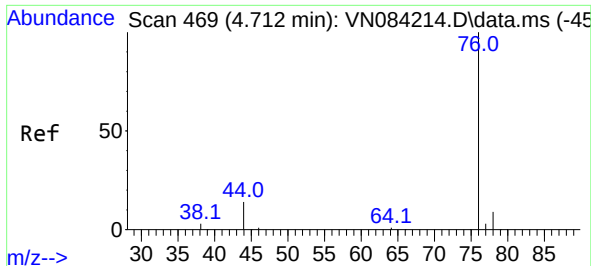
Tgt Ion:168 Resp: 162900
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#16
Acetone
Concen: 1.893 ug/l
RT: 4.454 min Scan# 425
Delta R.T. 0.030 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

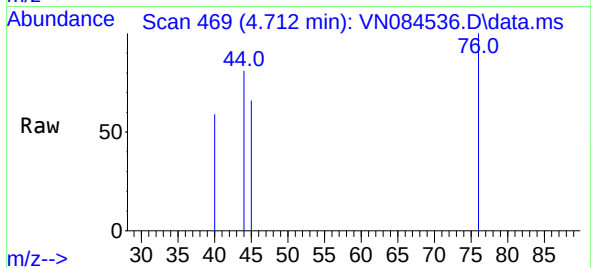
Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



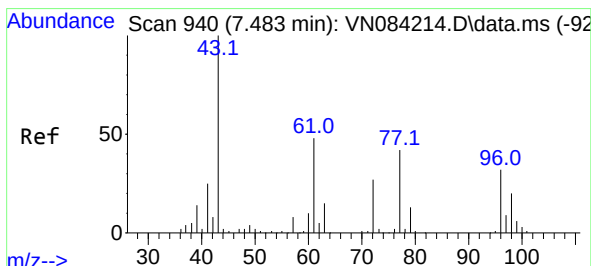
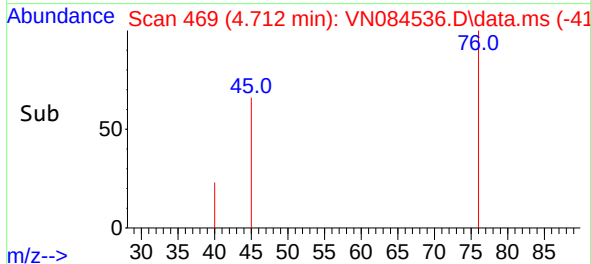
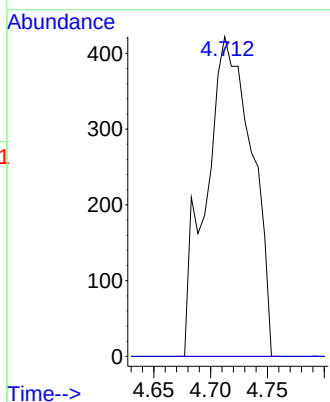


#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

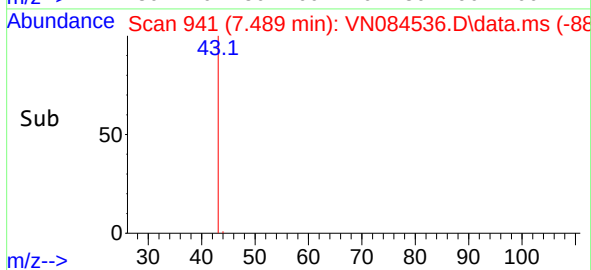
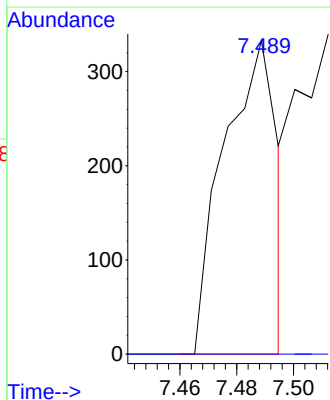
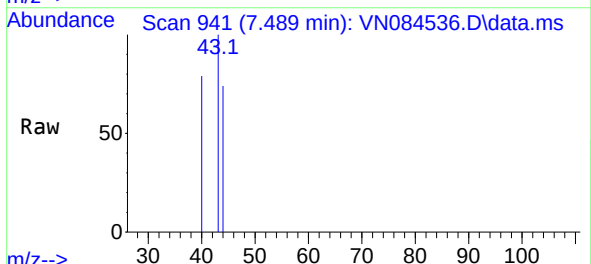


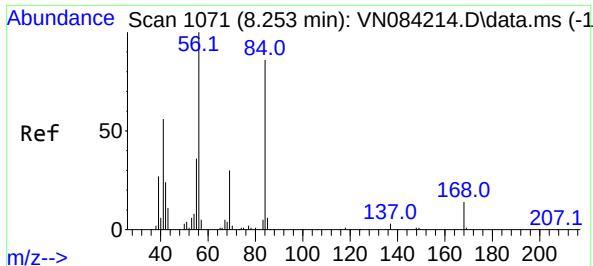
Tgt Ion: 76 Resp: 1185
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#25
2-Butanone
Concen: 0.307 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

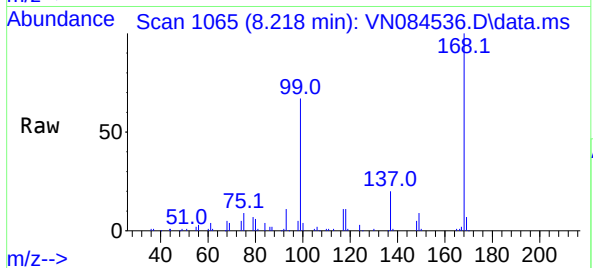
Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



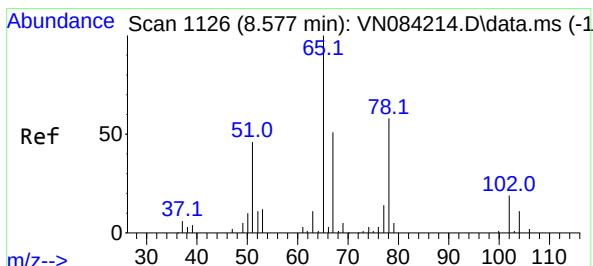
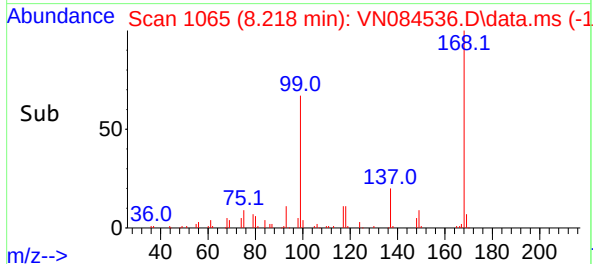
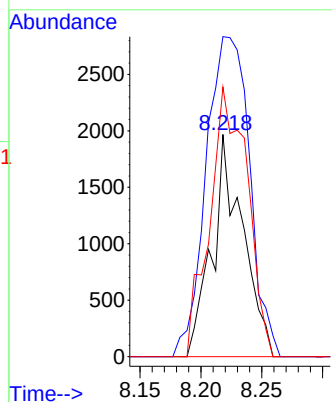


#31
Cyclohexane
Concen: 0.963 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

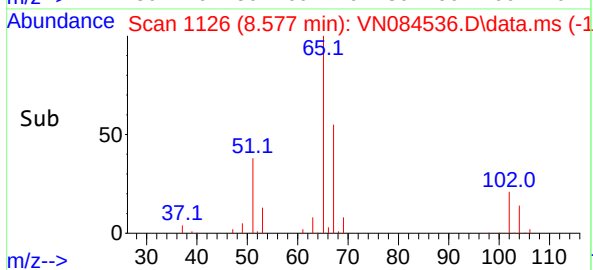
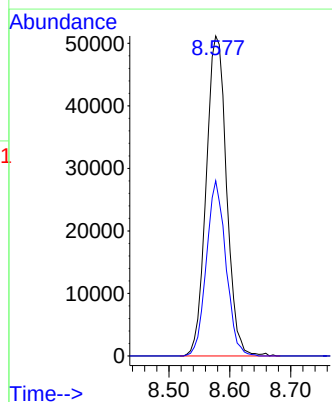
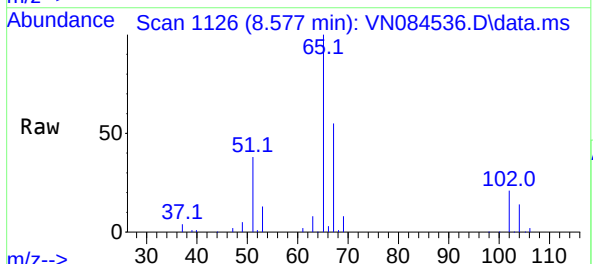


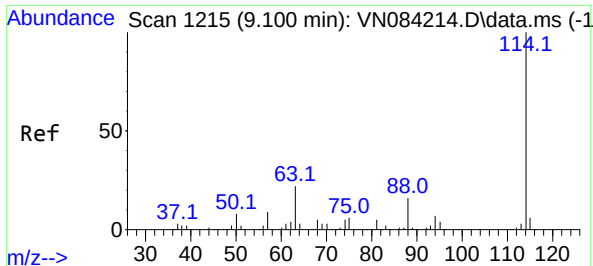
Tgt Ion: 56 Resp: 3446
Ion Ratio Lower Upper
56 100
69 144.0 23.8 35.6#
84 121.3 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.217 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

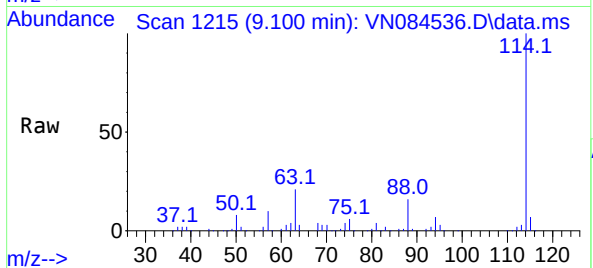
Tgt Ion: 65 Resp: 118873
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.0



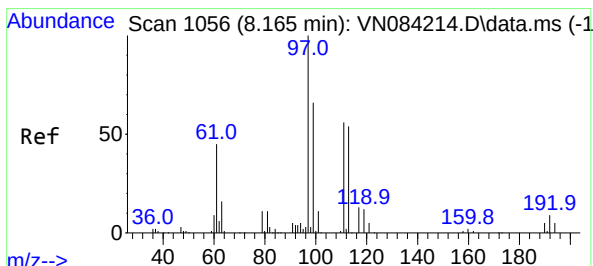
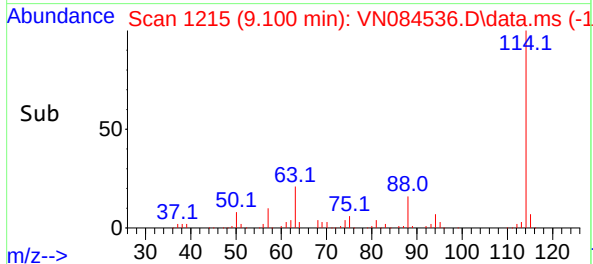
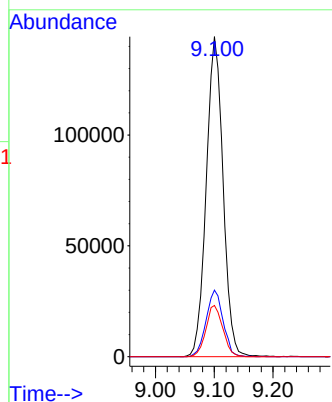


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

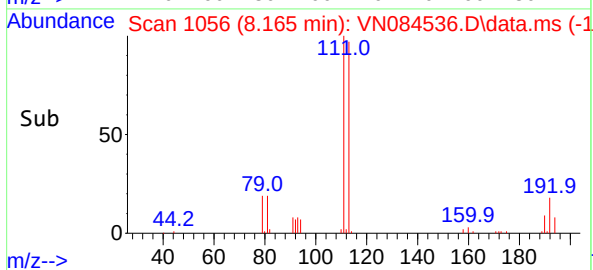
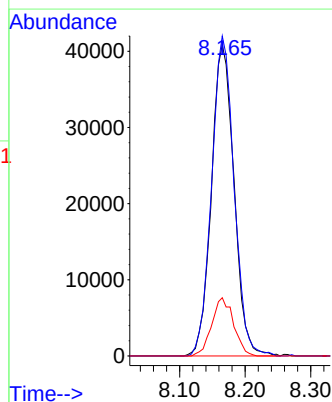
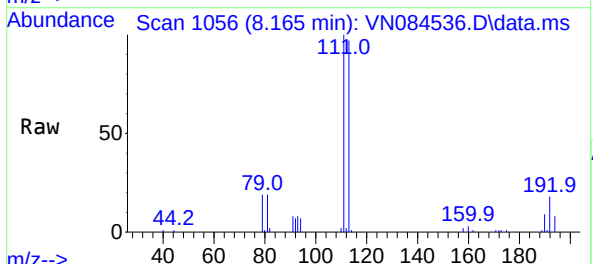


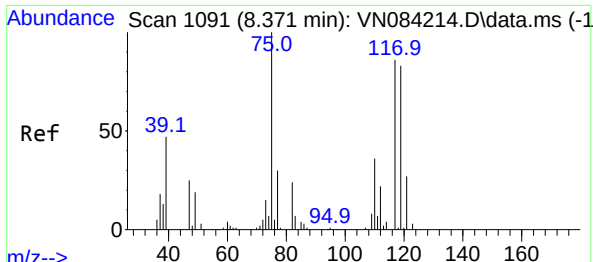
Tgt Ion:114 Resp: 286048
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.8
88 16.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.804 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

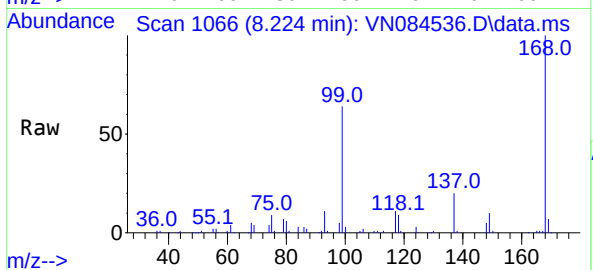
Tgt Ion:113 Resp: 97693
Ion Ratio Lower Upper
113 100
111 101.9 83.3 124.9
192 18.1 13.5 20.3



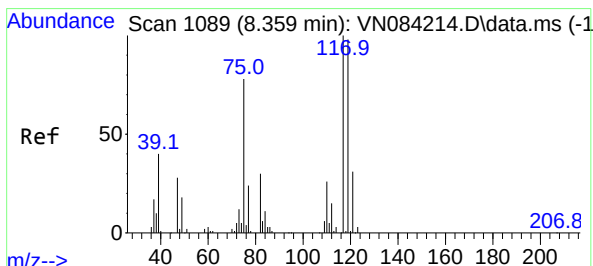
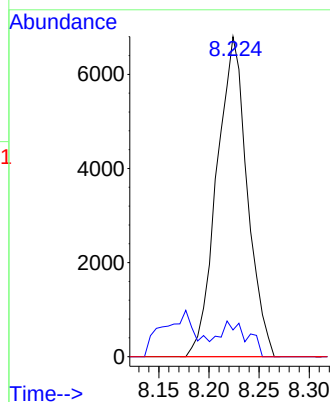
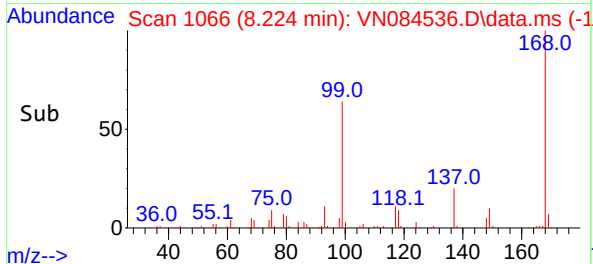


#36
1,1-Dichloropropene
Concen: 5.245 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

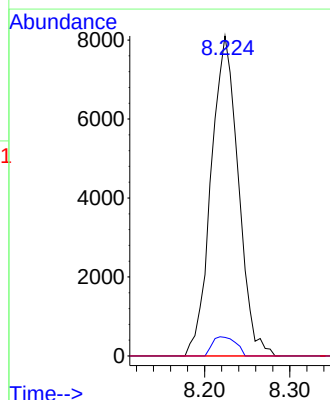
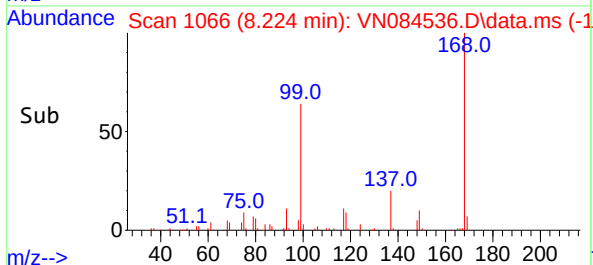
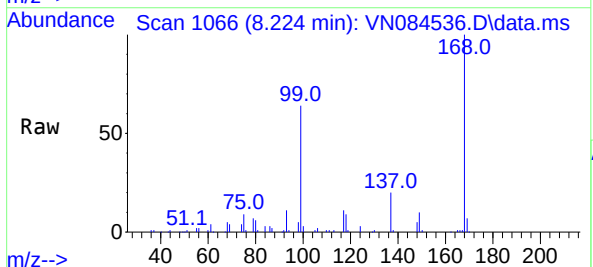


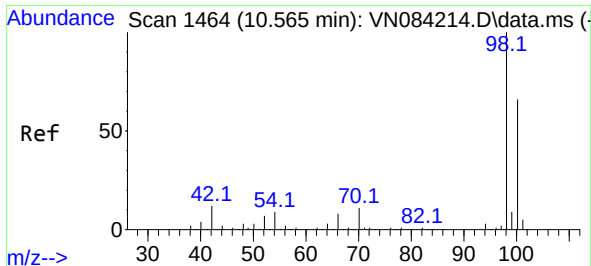
Tgt Ion: 75 Resp: 14368
Ion Ratio Lower Upper
75 100
110 10.2 16.9 50.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.990 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Tgt Ion: 117 Resp: 18000
Ion Ratio Lower Upper
117 100
119 5.8 78.7 118.1#
121 0.0 24.4 36.6#

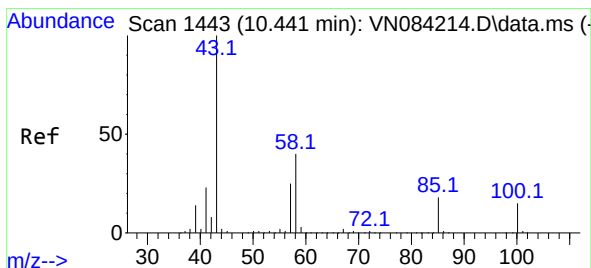
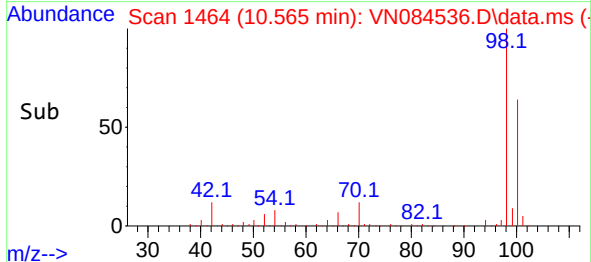
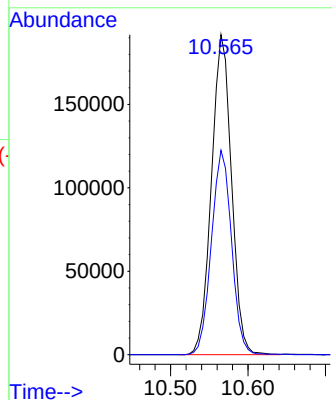
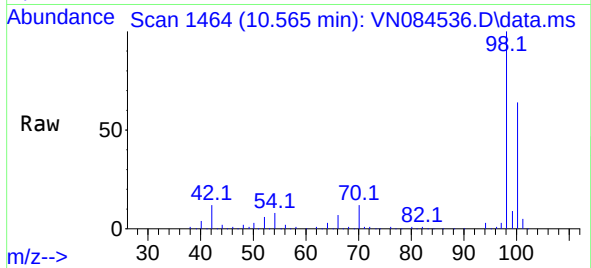




#50
Toluene-d8
Concen: 49.663 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

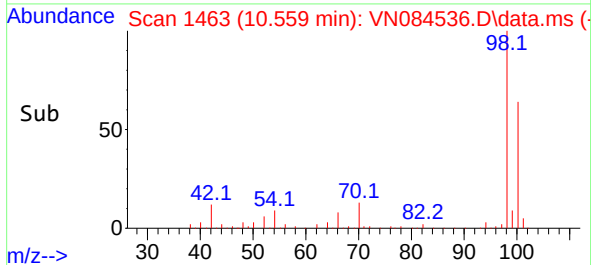
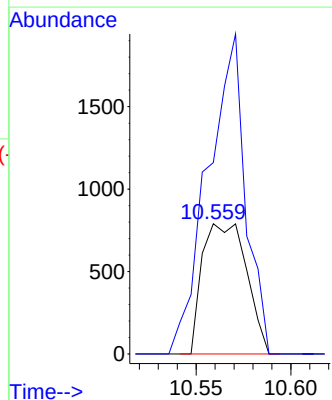
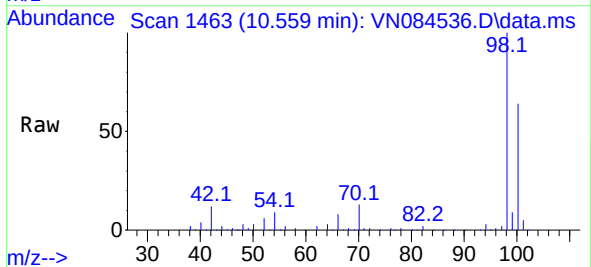
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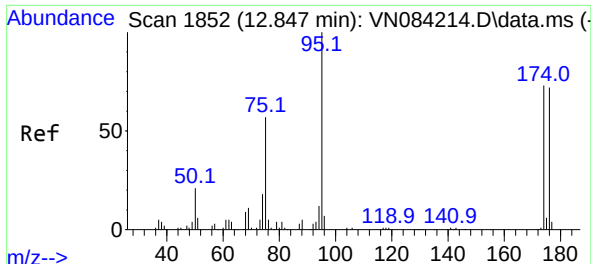
Tgt Ion: 98 Resp: 344563
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

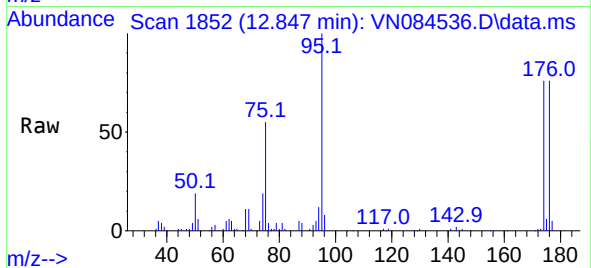
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 208.9 31.6 47.4#



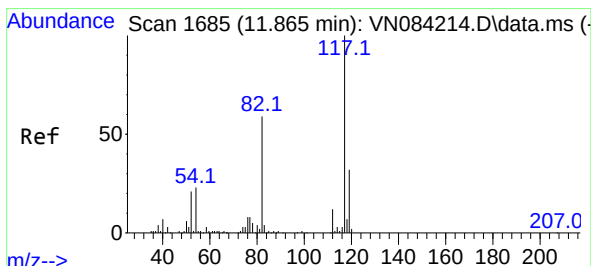
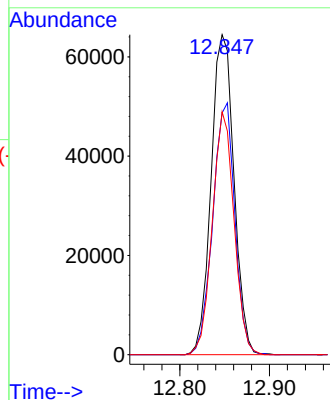
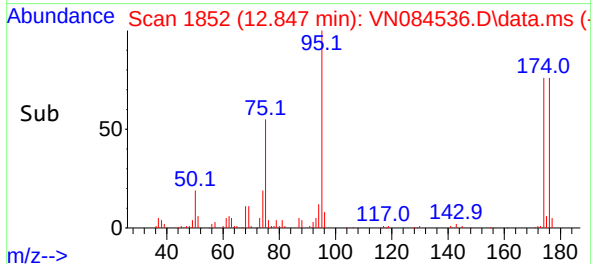


#62
4-Bromofluorobenzene
Concen: 45.109 ug/l
RT: 12.847 min Scan# 114018
Delta R.T. 0.000 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

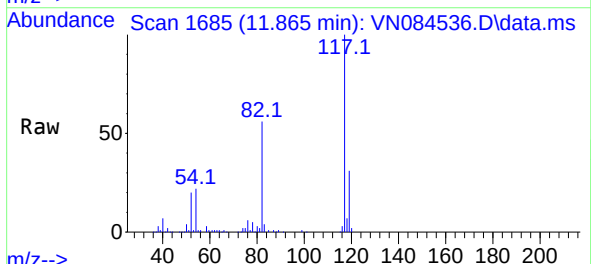
Instrument :
MSVOA_N
ClientSampleId :



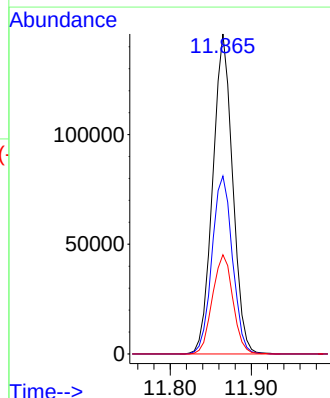
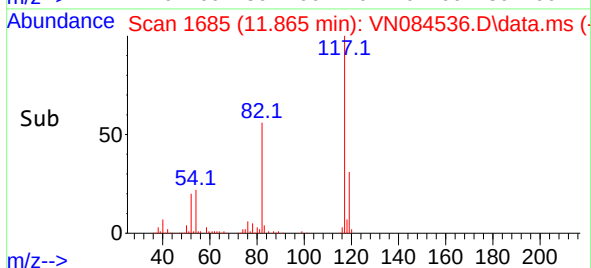
Tgt Ion: 95 Resp: 114018
Ion Ratio Lower Upper
95 100
174 76.1 0.0 145.2
176 72.1 0.0 140.0

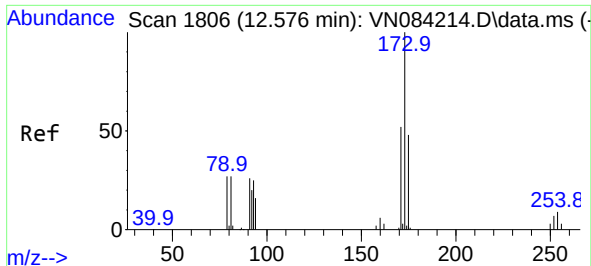


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53



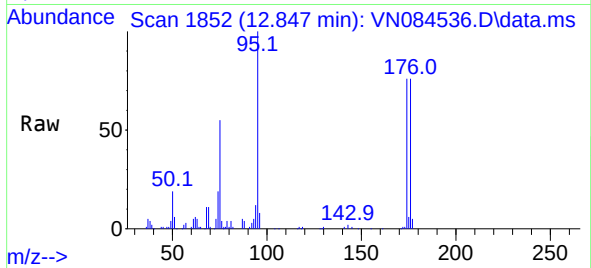
Tgt Ion: 117 Resp: 248436
Ion Ratio Lower Upper
117 100
82 55.6 47.2 70.8
119 31.0 25.4 38.0



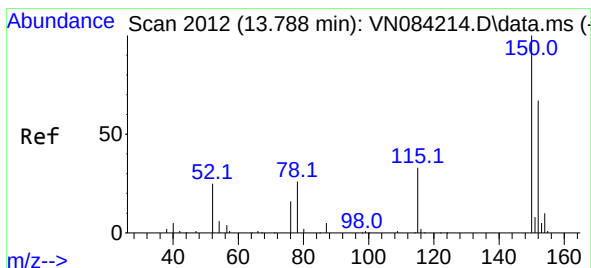
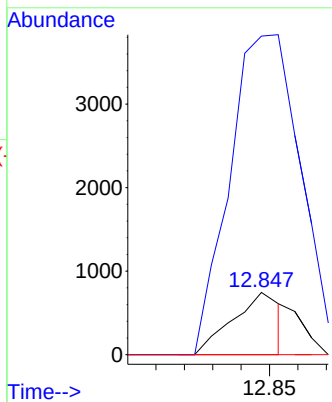
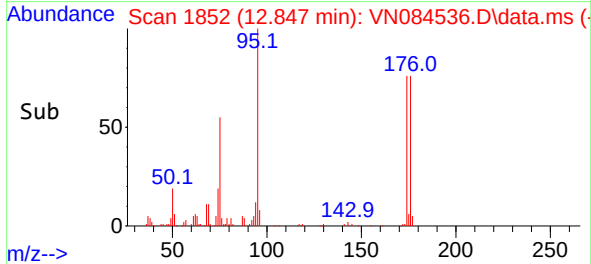


#71
Bromoform
Concen: 0.624 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

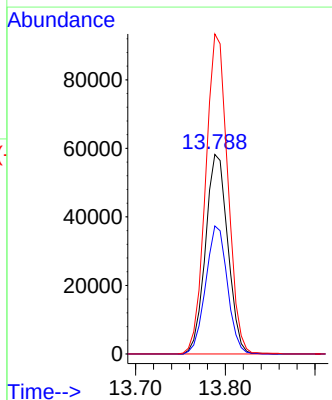
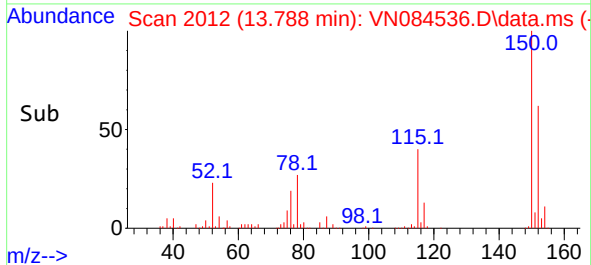
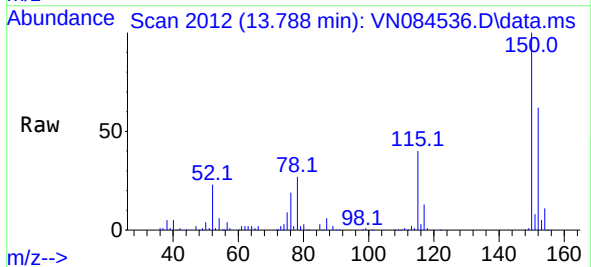


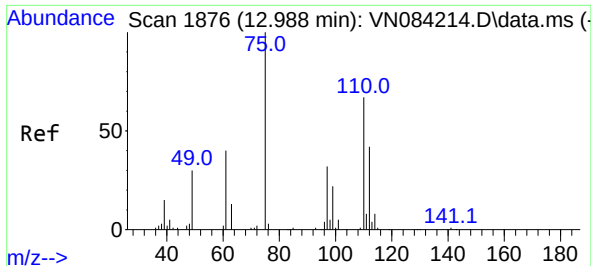
Tgt Ion:173 Resp: 872
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Tgt Ion:152 Resp: 100597
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.9
150 158.7 0.0 349.8

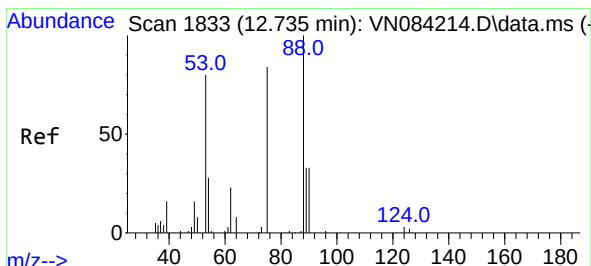
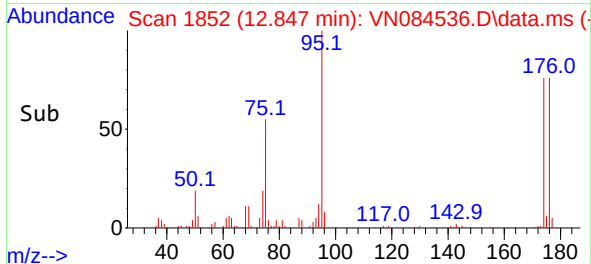
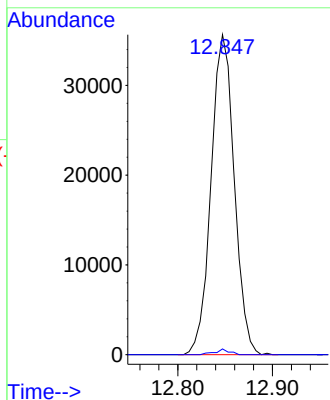
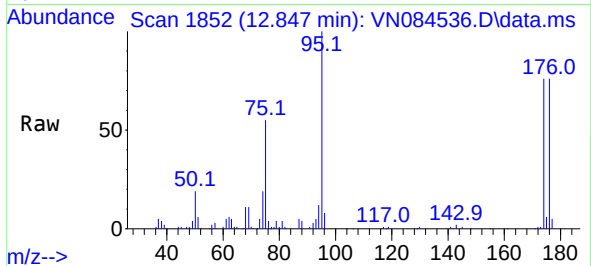




#76
1,2,3-Trichloropropane
Concen: 29.512 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 60609
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.753 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084536.D
Acq: 28 Oct 2024 13:53

Tgt Ion: 75 Resp: 60609
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

