

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084534.D
 Acq On : 28 Oct 2024 13:06
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 14:15:19 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)

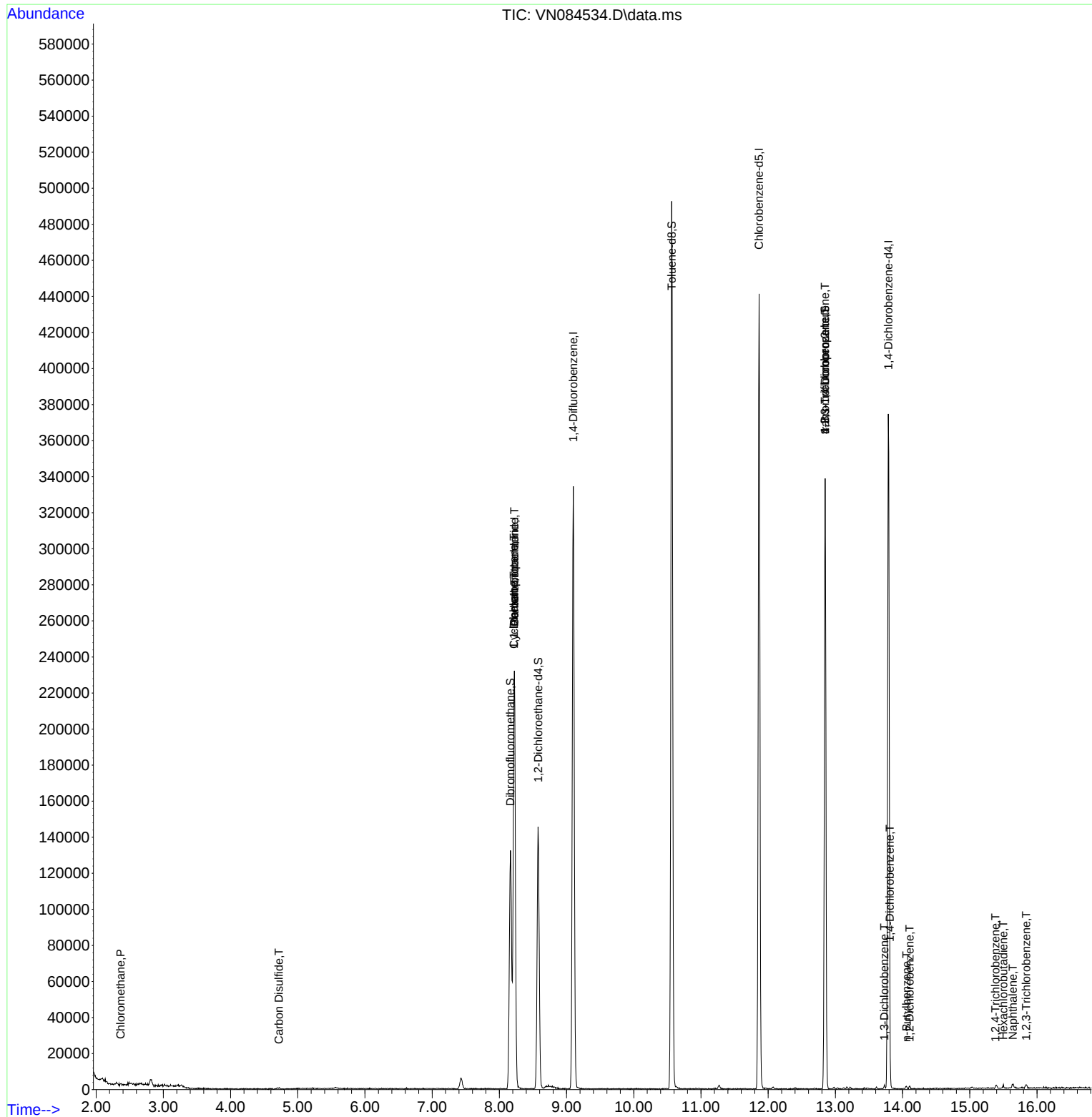
Internal Standards						
1) Pentafluorobenzene	8.224	168	163289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119009	49.156	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.320%		
35) Dibromofluoromethane	8.165	113	95292	50.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.880%		
50) Toluene-d8	10.565	98	340205	49.428	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.847	95	116781	46.573	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.140%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	493	0.224	ug/l #	41
17) Carbon Disulfide	4.718	76	1401	0.241	ug/l #	75
31) Cyclohexane	8.218	56	4070	1.135	ug/l #	19
36) 1,1-Dichloropropene	8.218	75	14185	5.220	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18248	6.122	ug/l #	16
76) 1,2,3-Trichloropropane	12.847	75	60636	29.643	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60636	71.067	ug/l #	11
87) 1,3-Dichlorobenzene	13.729	146	852	0.246	ug/l #	79
88) 1,4-Dichlorobenzene	13.812	146	817	0.234	ug/l #	1
89) n-Butylbenzene	14.059	91	1349	0.243	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	789	0.233	ug/l	82
93) 1,2,4-Trichlorobenzene	15.382	180	819	0.490	ug/l #	79
94) Hexachlorobutadiene	15.500	225	584	0.701	ug/l	70
95) Naphthalene	15.641	128	3237	0.584	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	1003	0.600	ug/l	86

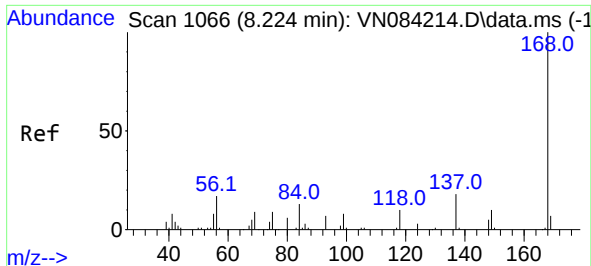
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

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MSVOA_N
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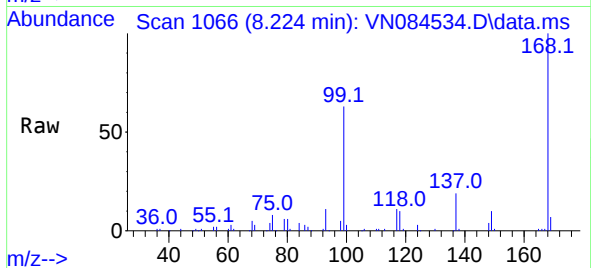
Quant Time: Oct 28 14:15:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



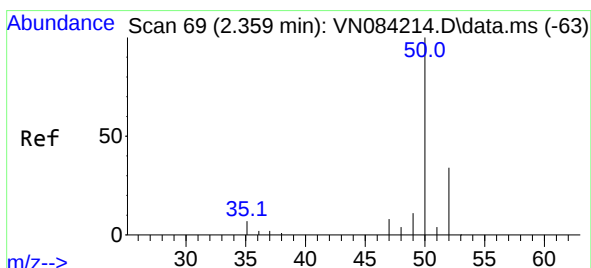
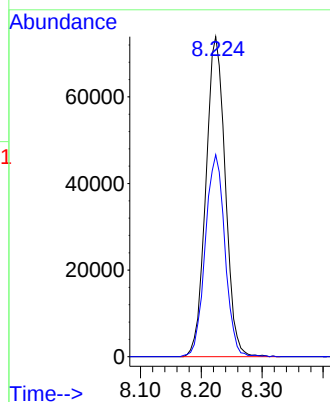
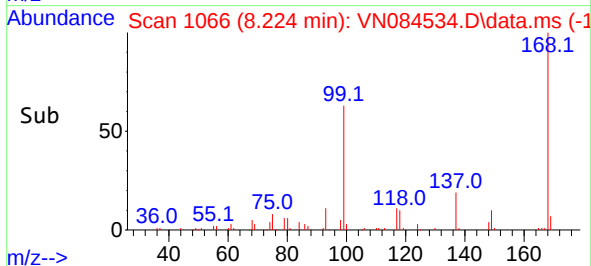


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :

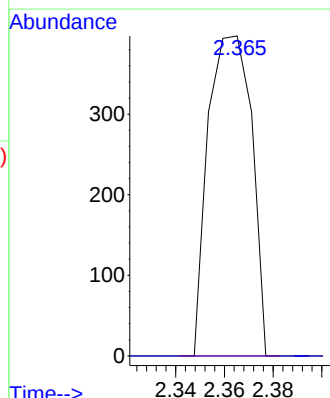
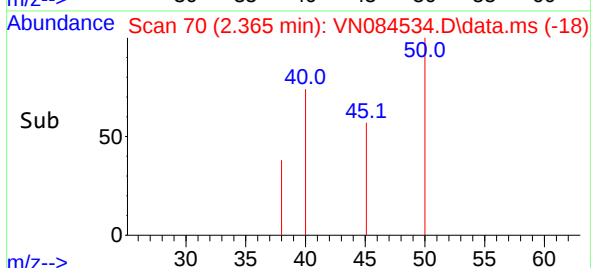
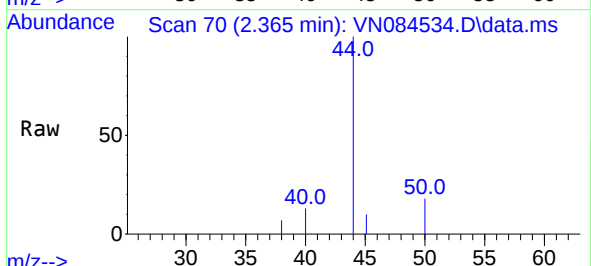


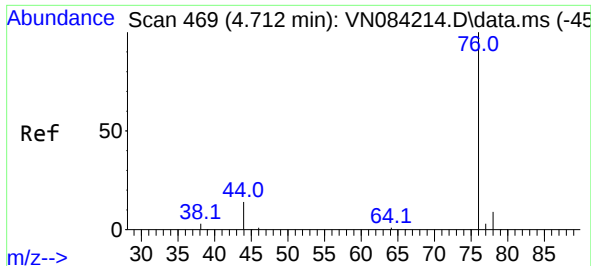
Tgt Ion:168 Resp: 163289
Ion Ratio Lower Upper
168 100
99 63.1 54.2 81.2



#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

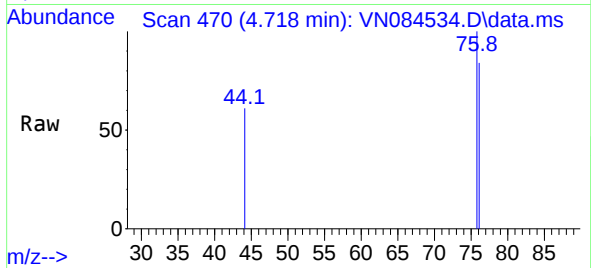
Tgt Ion: 50 Resp: 493
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



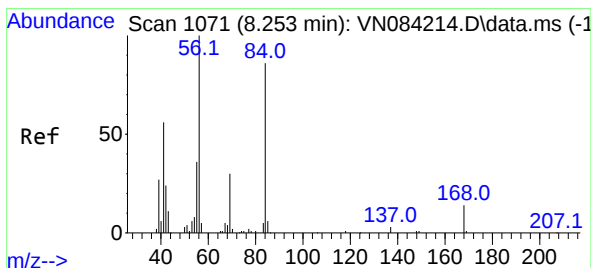
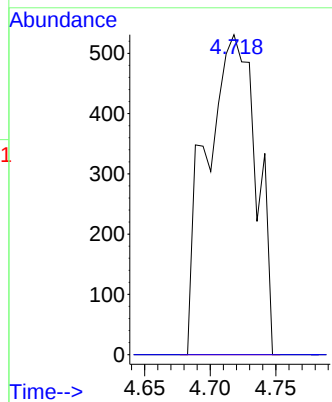
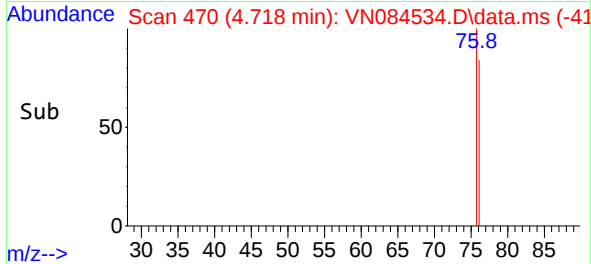


#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

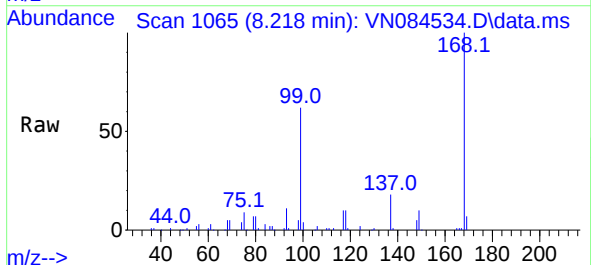
Instrument :
MSVOA_N
ClientSampleId :



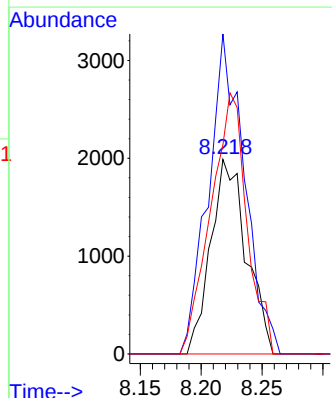
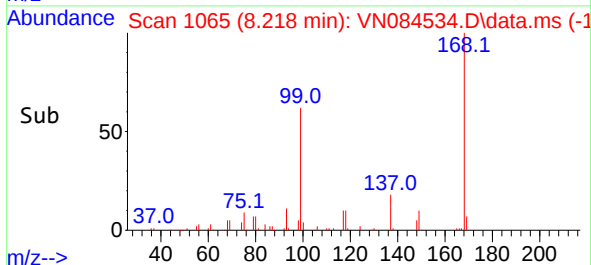
Tgt Ion: 76 Resp: 1401
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

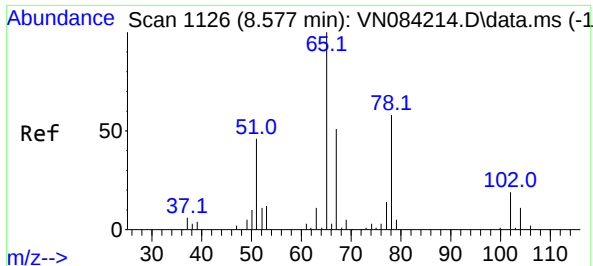


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06



Tgt Ion: 56 Resp: 4070
Ion Ratio Lower Upper
56 100
69 164.5 23.8 35.6#
84 107.4 68.8 103.2#

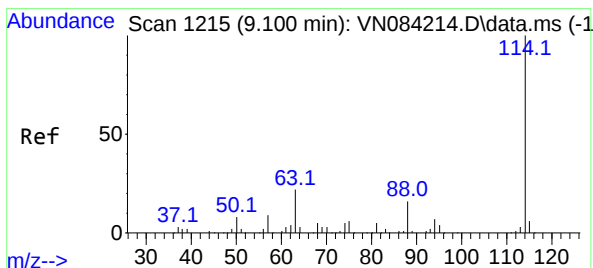
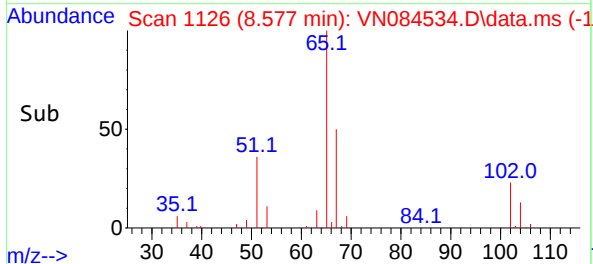
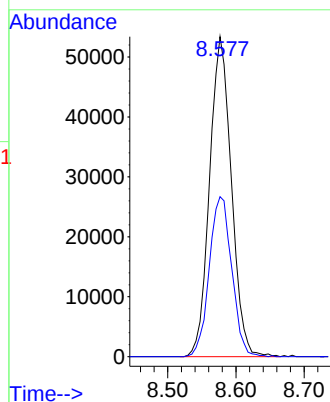
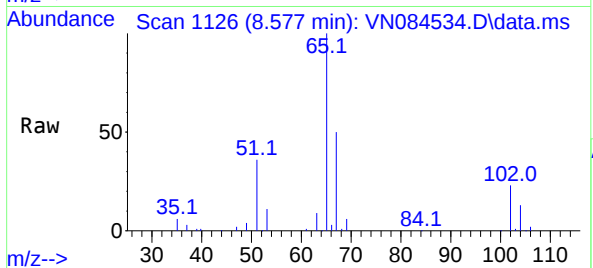




#33
1,2-Dichloroethane-d4
Concen: 49.156 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

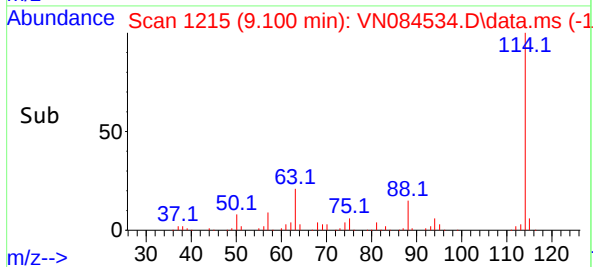
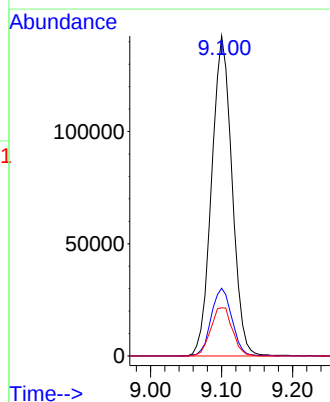
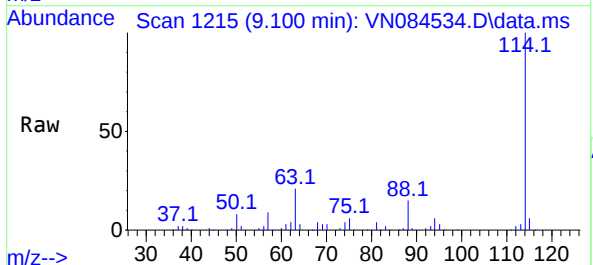
Instrument :
MSVOA_N
ClientSampleId :

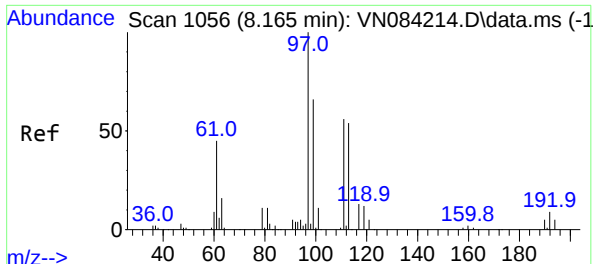
Tgt Ion: 65 Resp: 119009
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

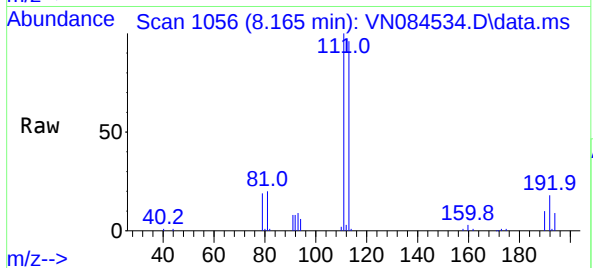
Tgt Ion:114 Resp: 283770
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.8
88 15.0 0.0 31.6



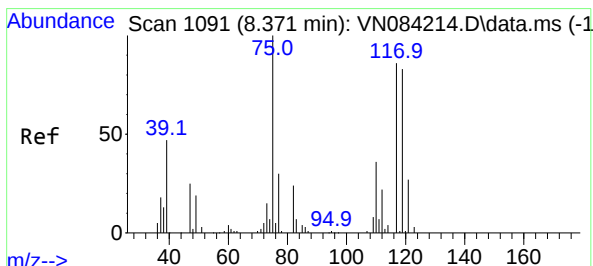
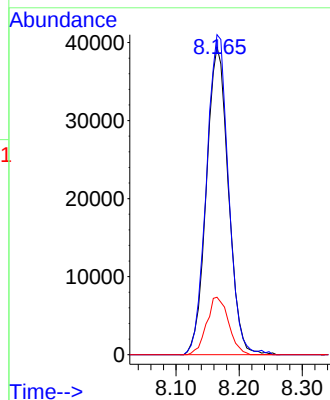
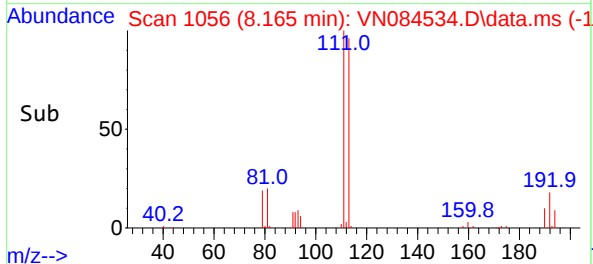


#35
Dibromofluoromethane
Concen: 50.937 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

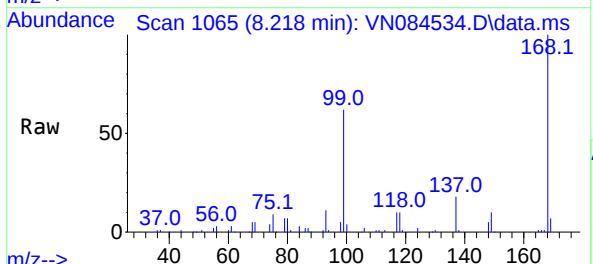
Instrument :
MSVOA_N
ClientSampleId :



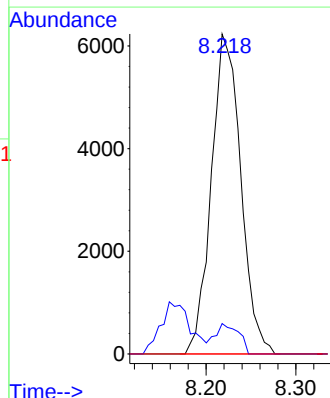
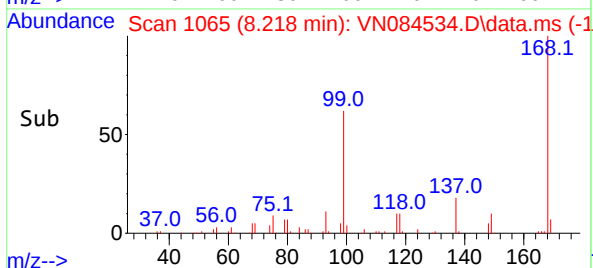
Tgt Ion:113 Resp: 95292
Ion Ratio Lower Upper
113 100
111 104.2 83.3 124.9
192 18.6 13.5 20.3

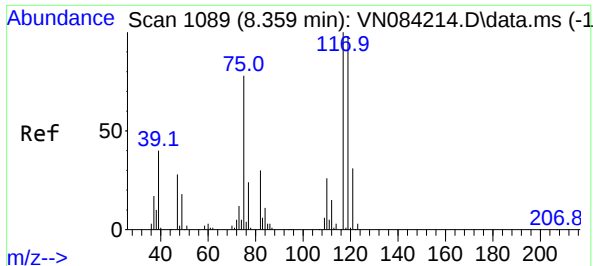


#36
1,1-Dichloropropene
Concen: 5.220 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06



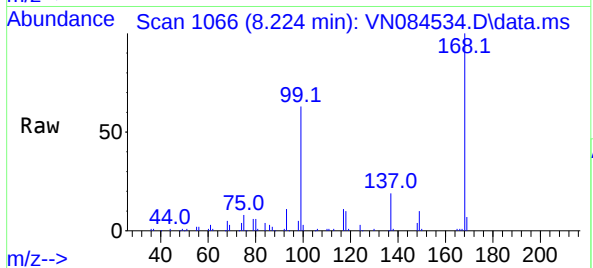
Tgt Ion: 75 Resp: 14185
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.7#
77 0.0 24.7 37.1#



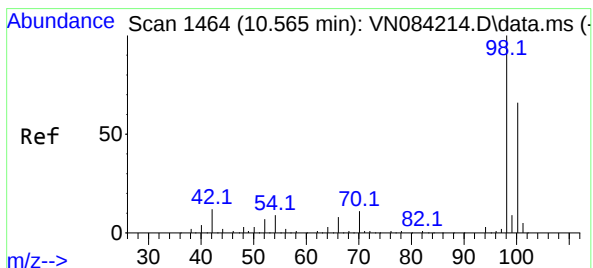
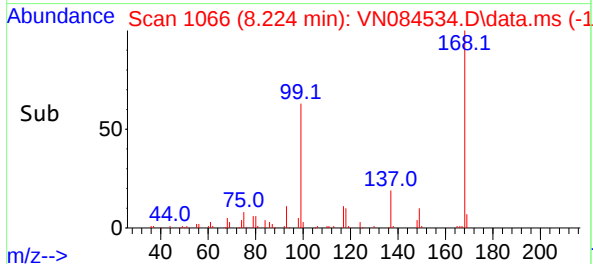
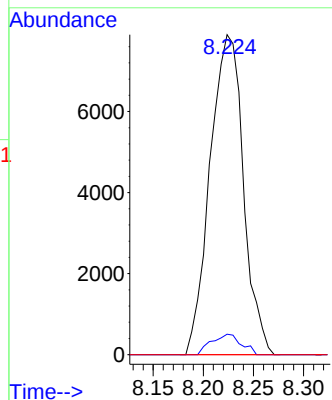


#38
Carbon Tetrachloride
Concen: 6.122 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :

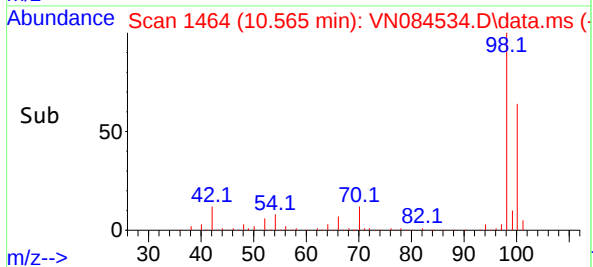
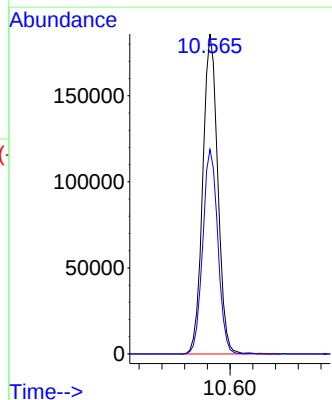
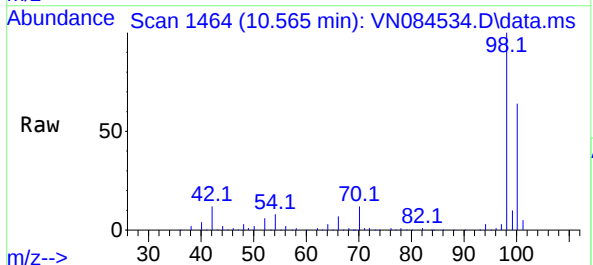


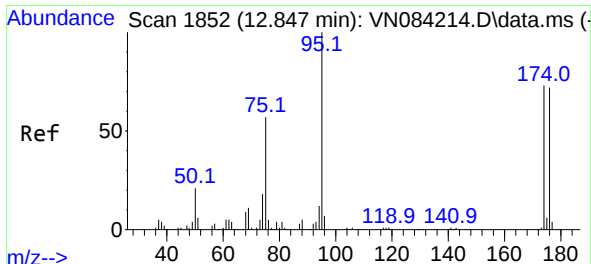
Tgt Ion:117 Resp: 18248
Ion Ratio Lower Upper
117 100
119 6.4 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.428 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

Tgt Ion: 98 Resp: 340205
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1

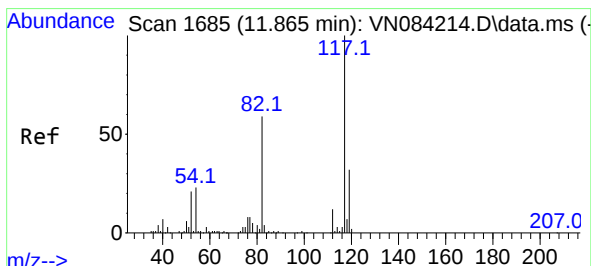
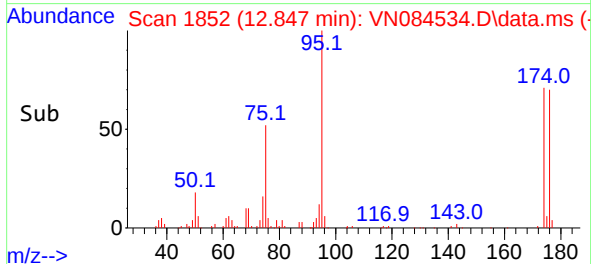
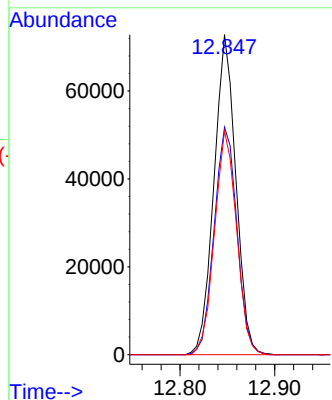
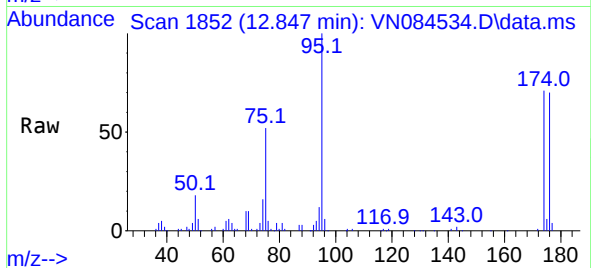




#62
4-Bromofluorobenzene
Concen: 46.573 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

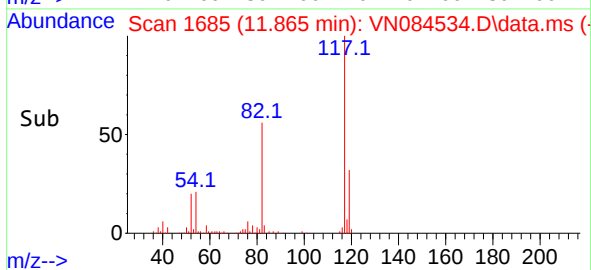
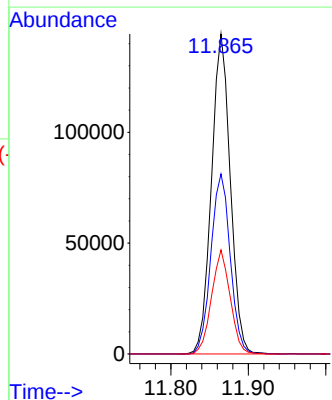
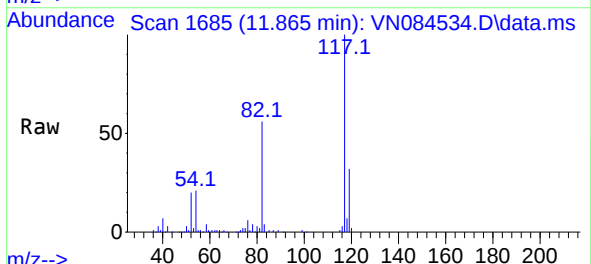
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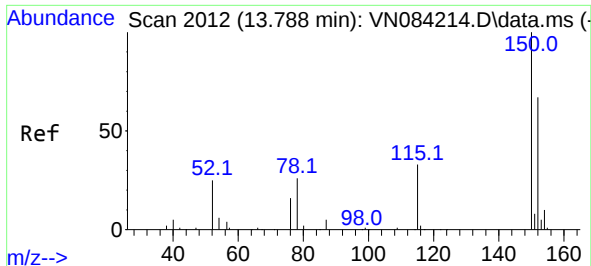
Tgt Ion: 95 Resp: 116781
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 70.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

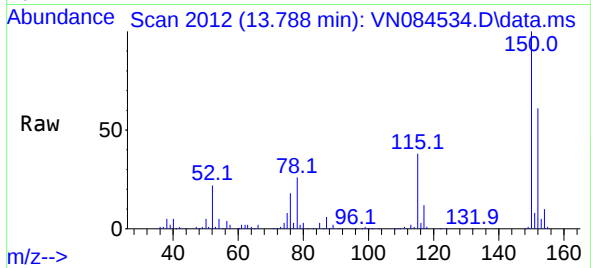
Tgt Ion: 117 Resp: 244760
Ion Ratio Lower Upper
117 100
82 56.2 47.2 70.8
119 32.5 25.4 38.0



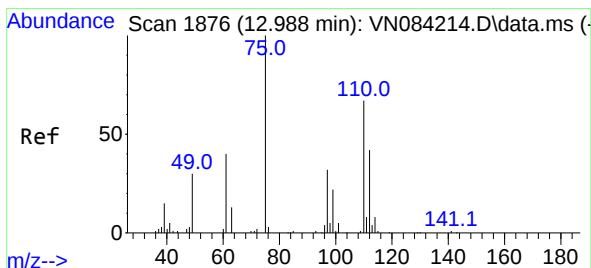
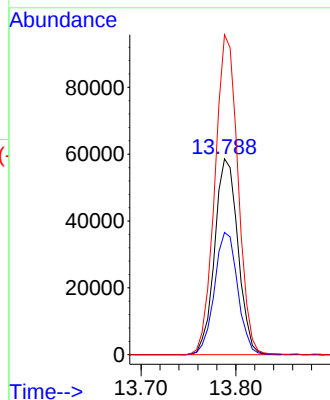
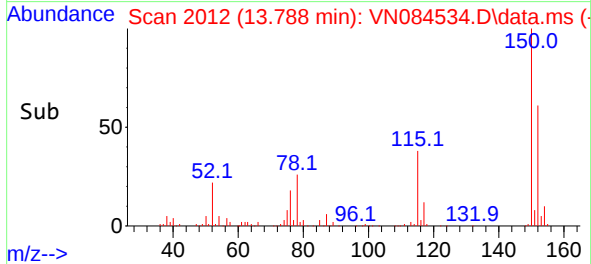


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :

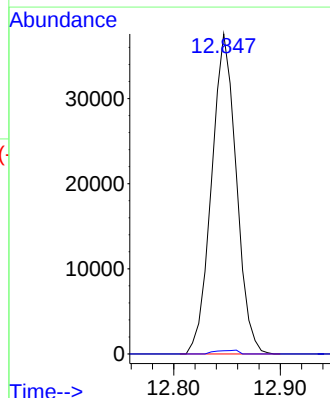
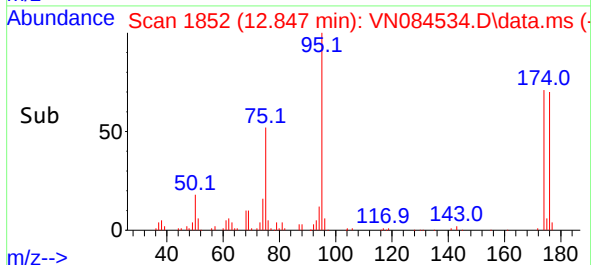
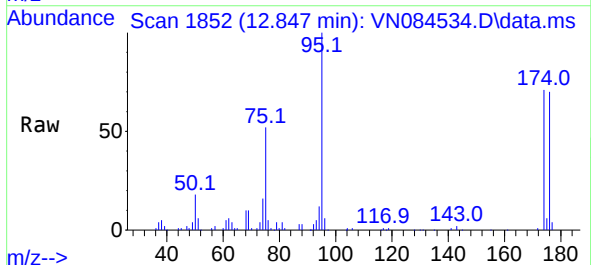


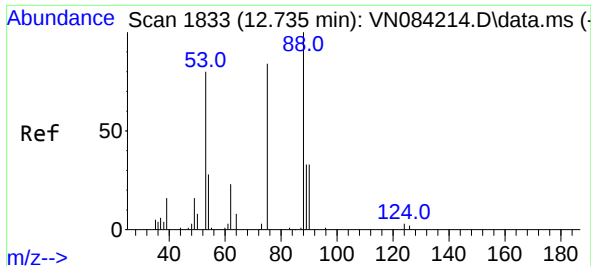
Tgt Ion:152 Resp: 100197
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.9
150 161.9 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 29.643 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

Tgt Ion: 75 Resp: 60636
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#

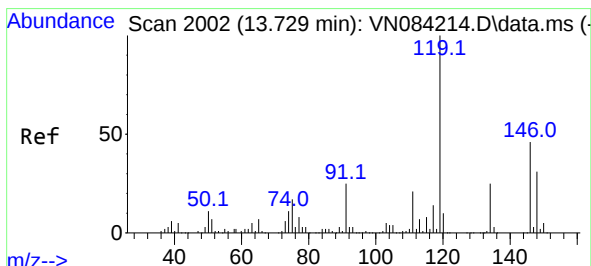
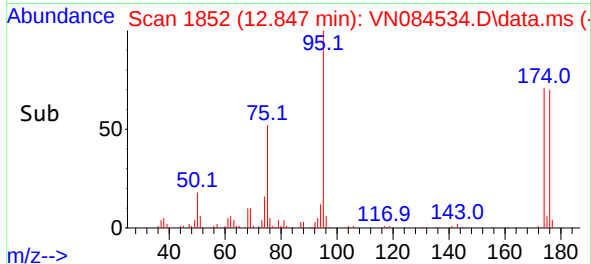
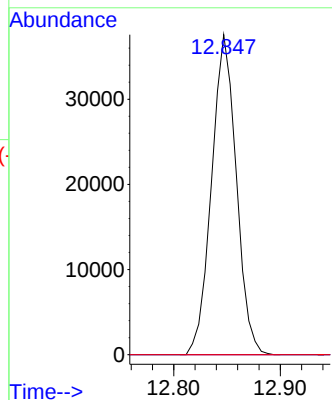
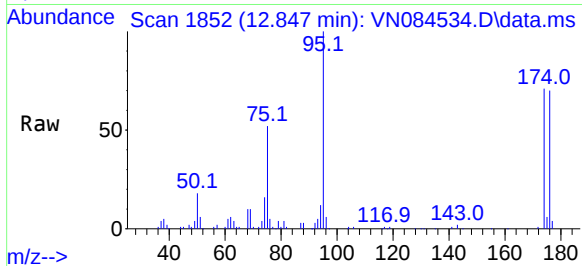




#81
trans-1,4-Dichloro-2-butene
Concen: 71.067 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

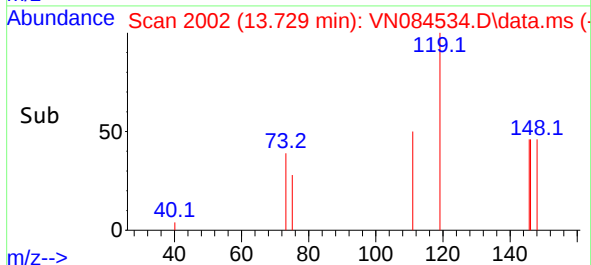
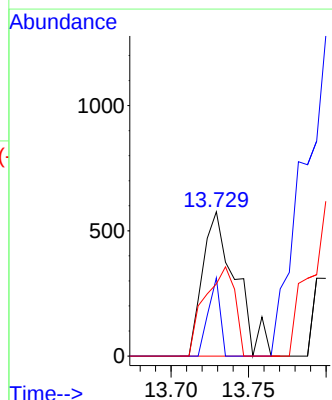
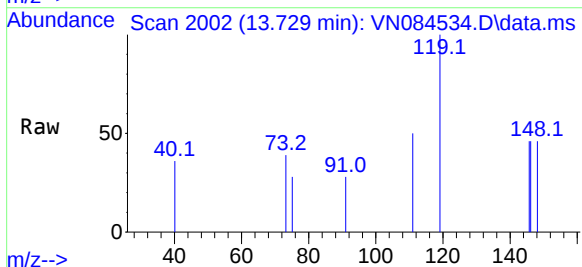
Instrument :
MSVOA_N
ClientSampleId :

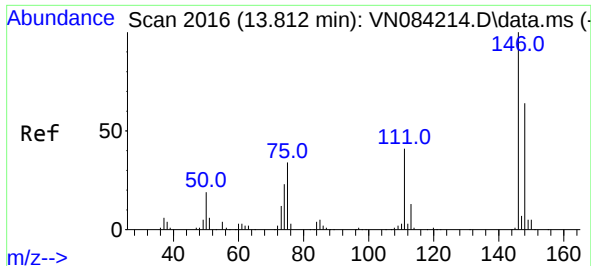
Tgt Ion: 75 Resp: 60636
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#87
1,3-Dichlorobenzene
Concen: 0.246 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

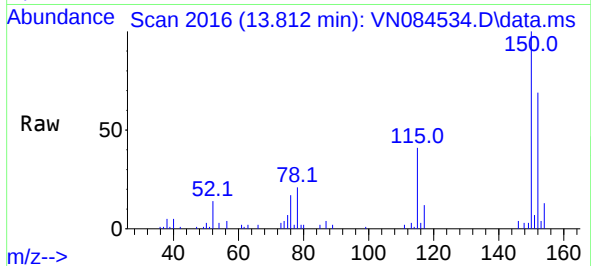
Tgt Ion:146 Resp: 852
Ion Ratio Lower Upper
146 100
111 19.6 21.8 65.3#
148 56.3 31.9 95.7



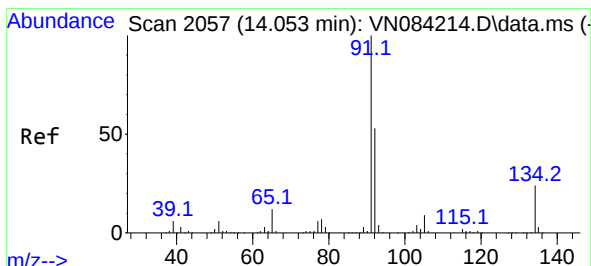
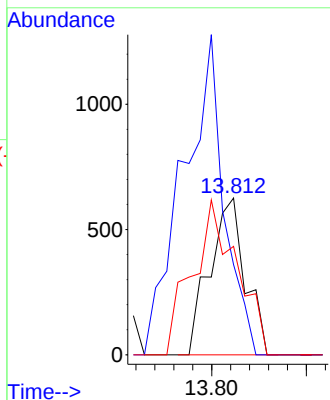
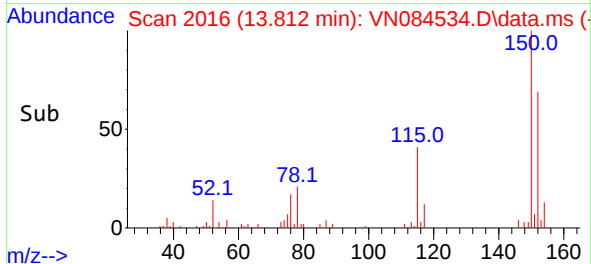


#88
1,4-Dichlorobenzene
Concen: 0.234 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

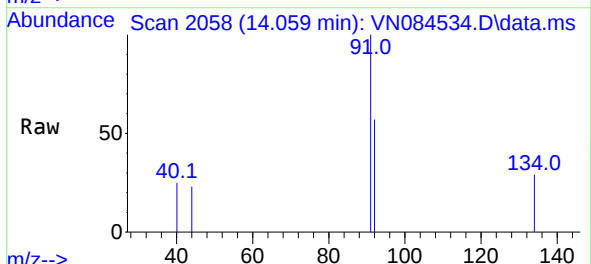
Instrument :
MSVOA_N
ClientSampleId :



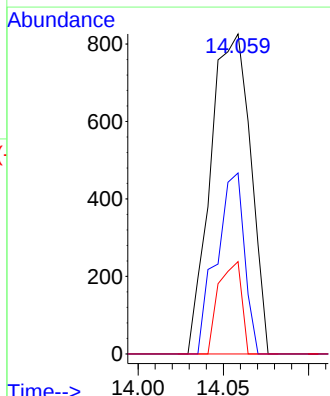
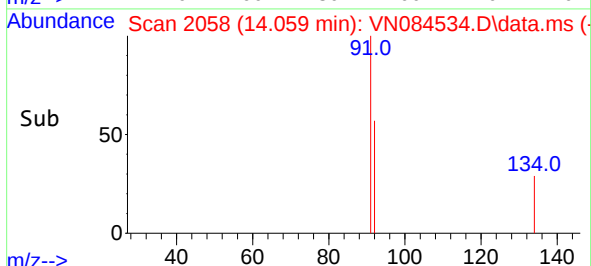
Tgt Ion:146 Resp: 817
Ion Ratio Lower Upper
146 100
111 233.9 21.2 63.6#
148 123.3 31.9 95.9#

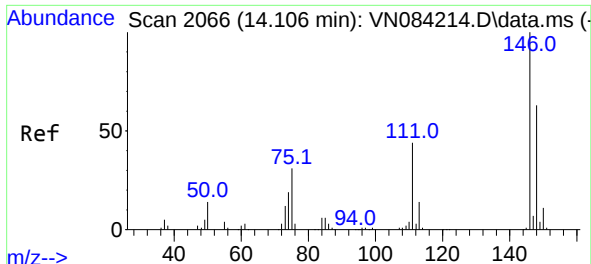


#89
n-Butylbenzene
Concen: 0.243 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06



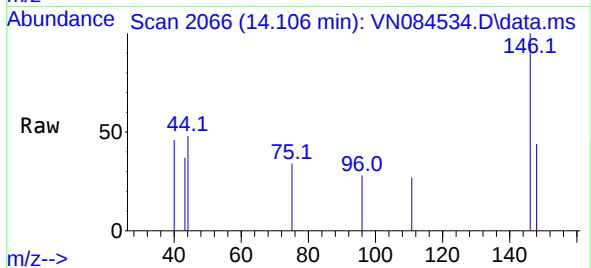
Tgt Ion: 91 Resp: 1349
Ion Ratio Lower Upper
91 100
92 39.6 26.6 79.7
134 16.5 12.3 36.9



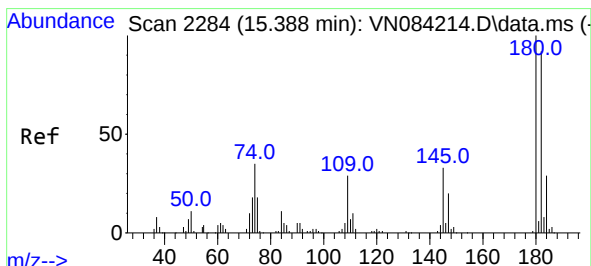
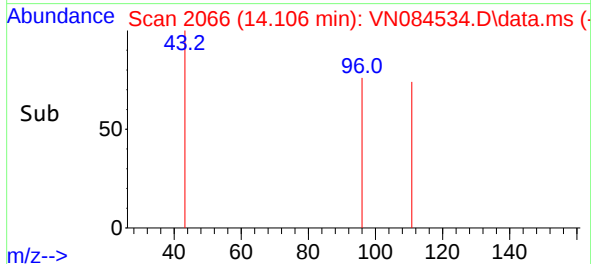
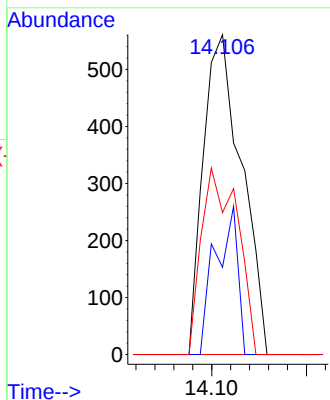


#91
1,2-Dichlorobenzene
Concen: 0.233 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :

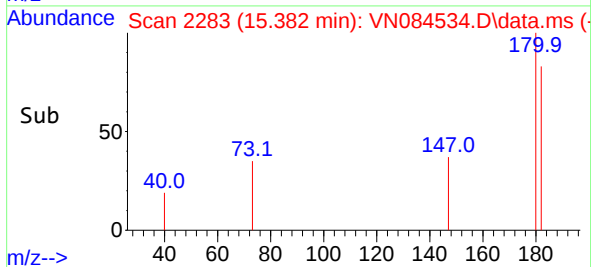
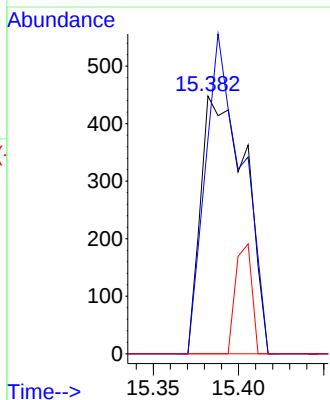
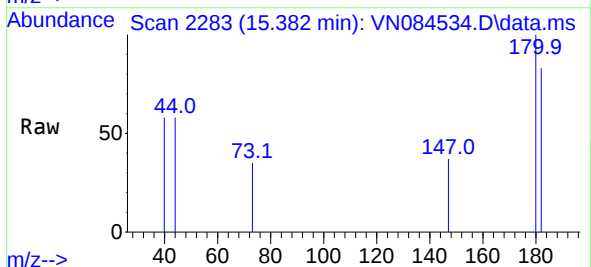


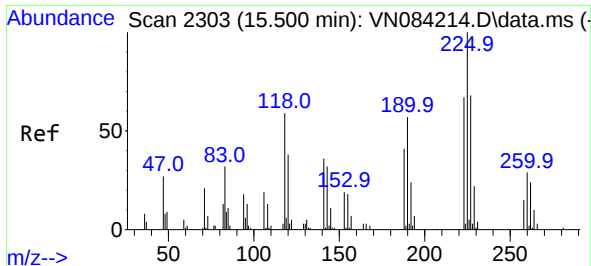
Tgt Ion:146 Resp: 789
Ion Ratio Lower Upper
146 100
111 27.1 22.0 66.0
148 55.0 32.1 96.3



#93
1,2,4-Trichlorobenzene
Concen: 0.490 ug/l
RT: 15.382 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

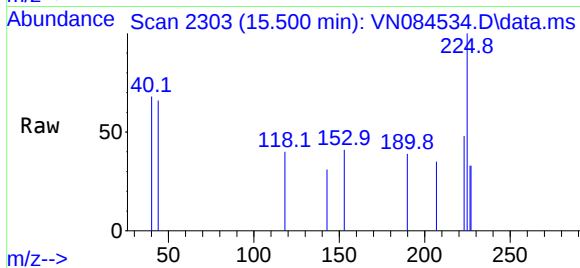
Tgt Ion:180 Resp: 819
Ion Ratio Lower Upper
180 100
182 102.1 47.0 141.0
145 0.0 16.4 49.4#



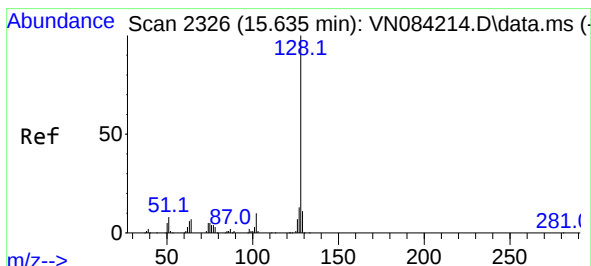
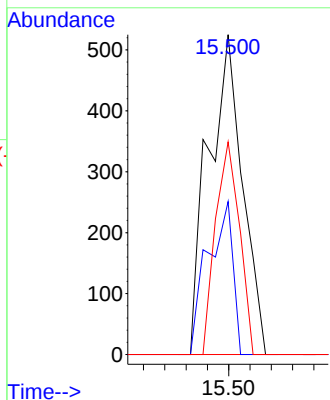
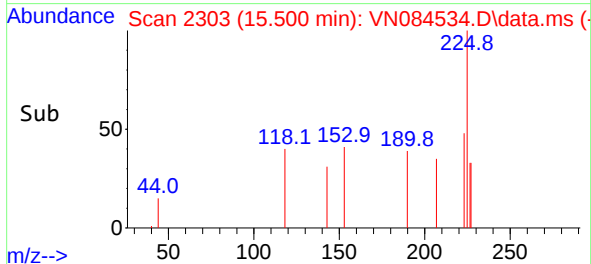


#94
Hexachlorobutadiene
Concen: 0.701 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06

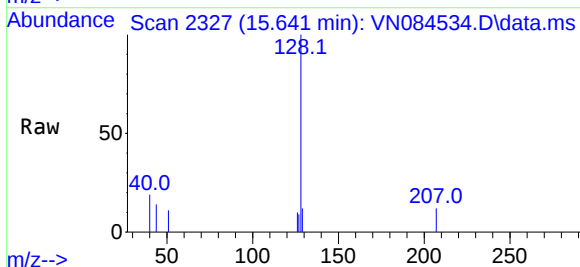
Instrument :
MSVOA_N
ClientSampleId :



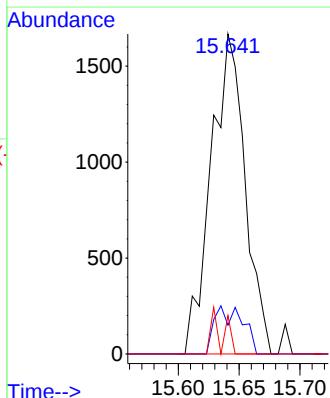
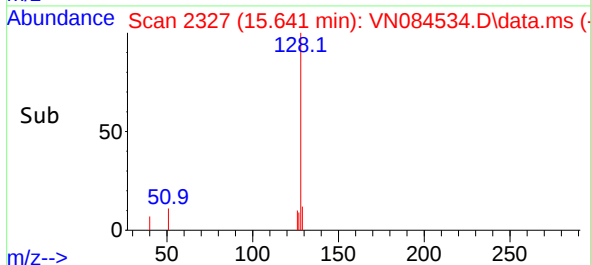
Tgt Ion:225 Resp: 584
Ion Ratio Lower Upper
225 100
223 35.3 32.4 97.2
227 46.6 32.4 97.0

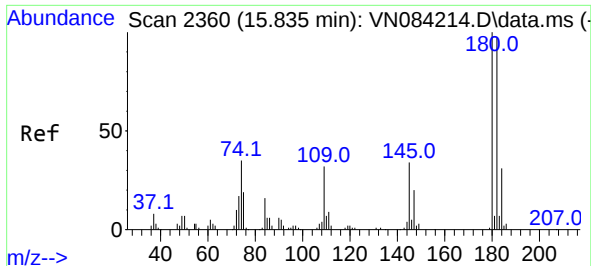


#95
Naphthalene
Concen: 0.584 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084534.D
Acq: 28 Oct 2024 13:06



Tgt Ion:128 Resp: 3237
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 4.9 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.600 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.006 min

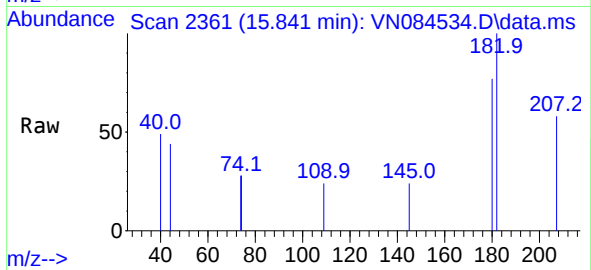
Lab File: VN084534.D

Acq: 28 Oct 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1003

Ion Ratio Lower Upper

180 100

182 86.7 48.2 144.6

145 19.0 17.3 51.9

