

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084557.D
 Acq On : 29 Oct 2024 12:29
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 30 05:00:45 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)

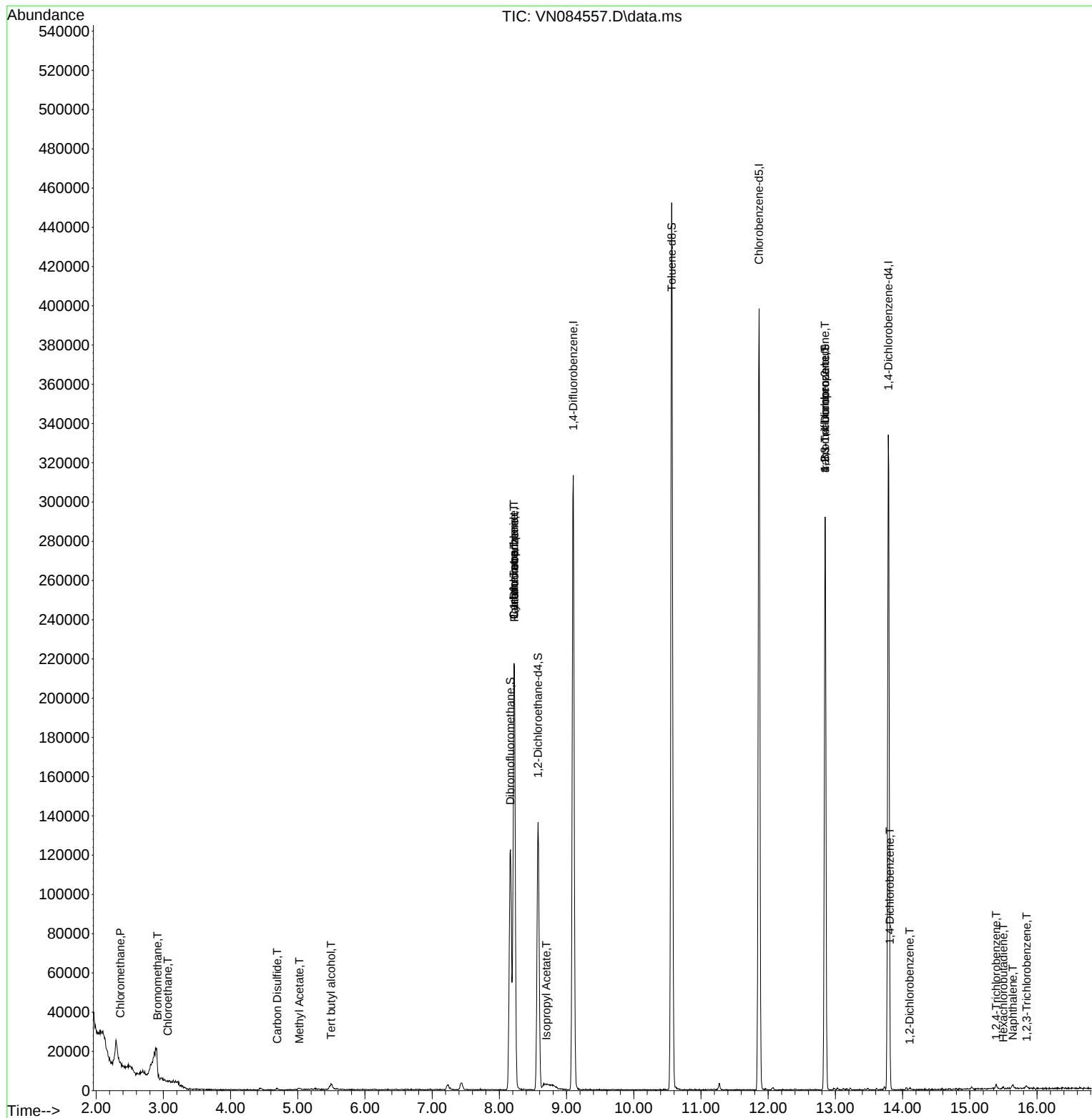
Internal Standards						
1) Pentafluorobenzene	8.224	168	156349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113723	49.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	8.165	113	90892	51.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.980%		
50) Toluene-d8	10.565	98	311771	48.007	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.020%		
62) 4-Bromofluorobenzene	12.847	95	105889	44.756	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.520%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	521	0.247	ug/l #	41
5) Bromomethane	2.912	94	331	0.245	ug/l #	78
6) Chloroethane	3.065	64	466	0.318	ug/l #	45
11) Tert butyl alcohol	5.494	59	2792	7.304	ug/l #	73
17) Carbon Disulfide	4.695	76	1544	0.277	ug/l #	75
18) Methyl Acetate	5.024	43	1564	0.721	ug/l #	60
31) Cyclohexane	8.218	56	3537	1.030	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13510	5.269	ug/l #	48
38) Carbon Tetrachloride	8.218	117	16619	5.909	ug/l #	16
43) Isopropyl Acetate	8.700	43	3417	0.663	ug/l #	56
76) 1,2,3-Trichloropropane	12.847	75	53249	29.213	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53249	70.038	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	899	0.289	ug/l #	69
91) 1,2-Dichlorobenzene	14.106	146	659	0.218	ug/l #	49
93) 1,2,4-Trichlorobenzene	15.394	180	1036	0.696	ug/l	80
94) Hexachlorobutadiene	15.500	225	316	0.426	ug/l #	32
95) Naphthalene	15.641	128	2836	0.575	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.847	180	956	0.641	ug/l #	18

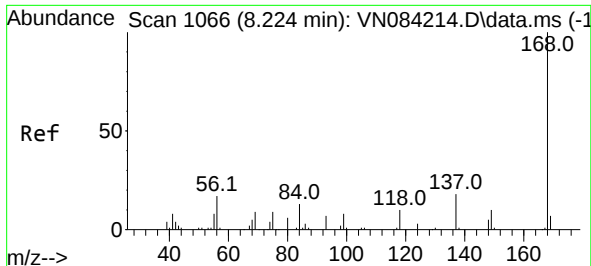
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
Data File : VN084557.D
Acq On : 29 Oct 2024 12:29
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

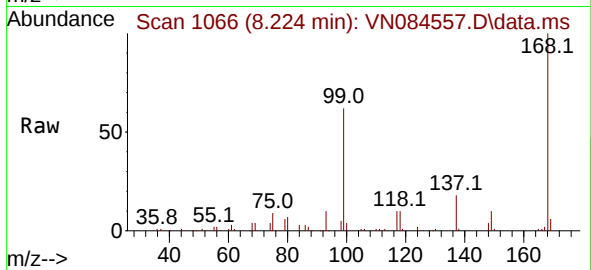
Quant Time: Oct 30 05:00:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



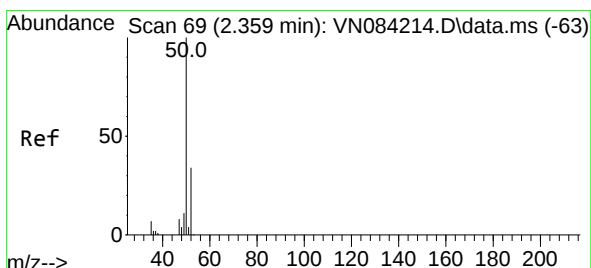
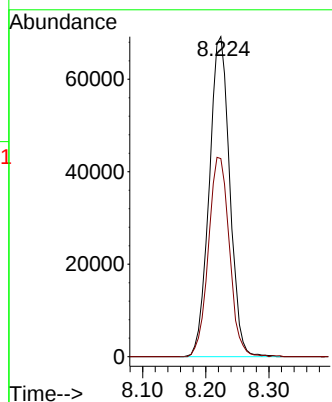
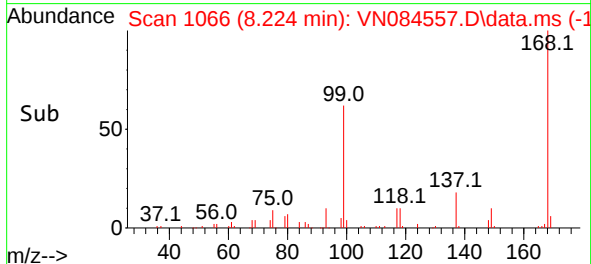


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :

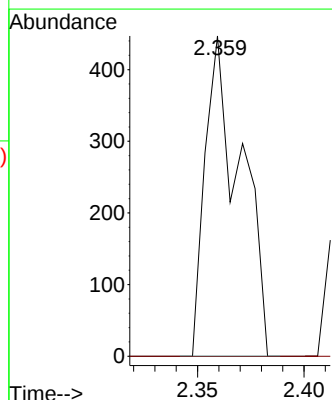
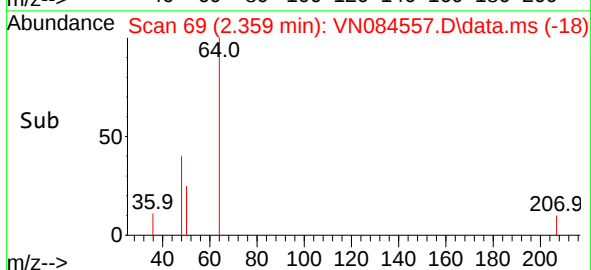
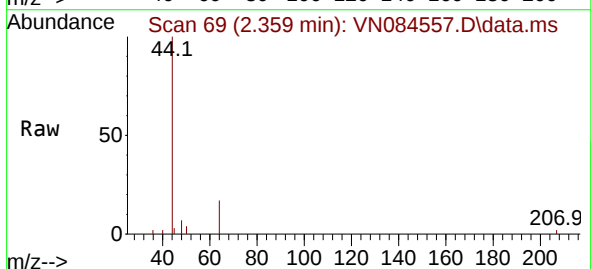


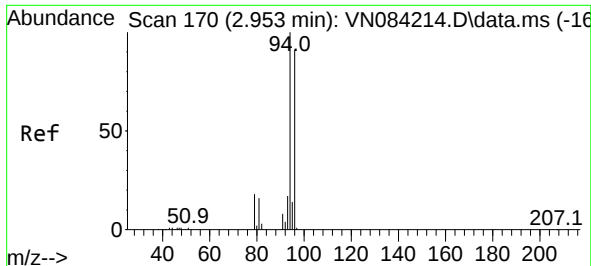
Tgt Ion:168 Resp: 156349
Ion Ratio Lower Upper
168 100
99 61.9 54.2 81.2



#3
Chloromethane
Concen: 0.247 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

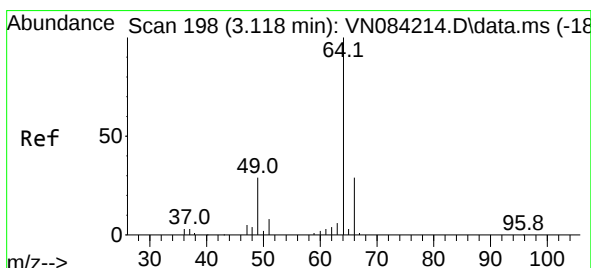
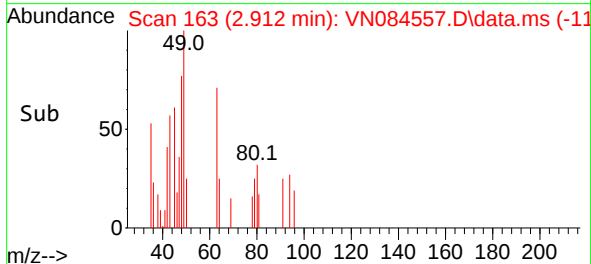
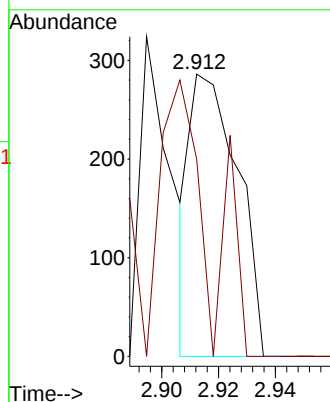
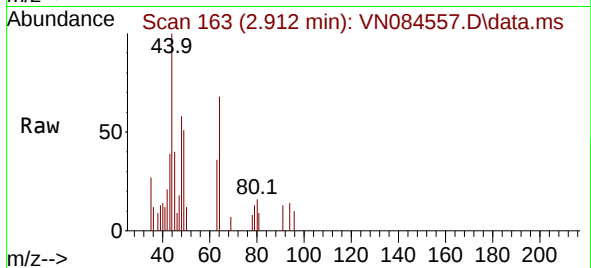




#5
Bromomethane
Concen: 0.245 ug/l
RT: 2.912 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

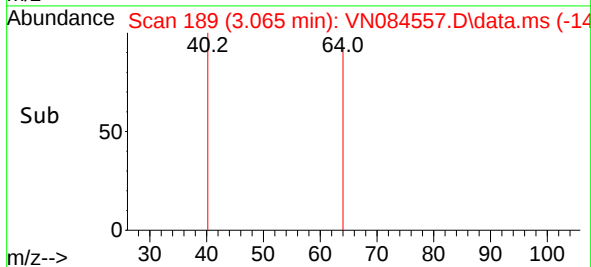
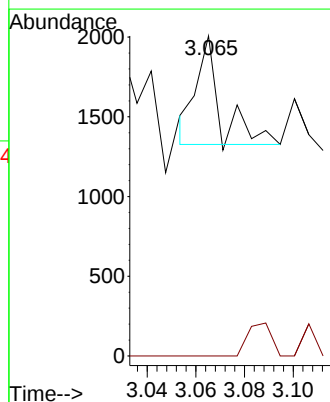
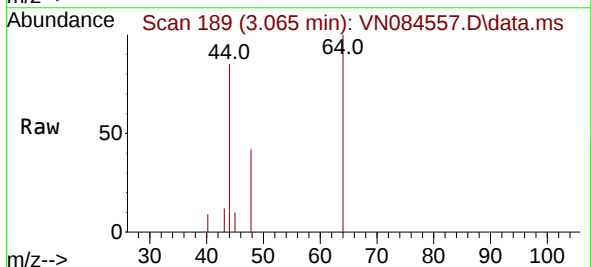
Instrument :
MSVOA_N
ClientSampleId :

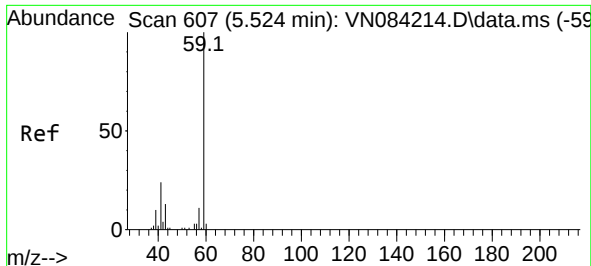
Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 69.9 72.9 109.3#



#6
Chloroethane
Concen: 0.318 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

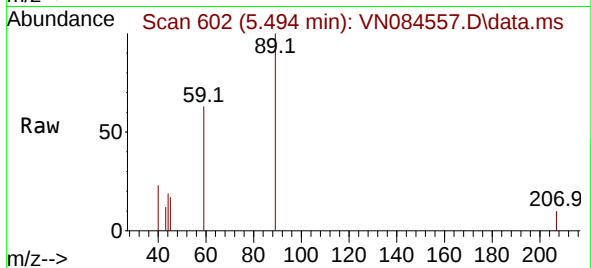
Tgt Ion: 64 Resp: 466
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



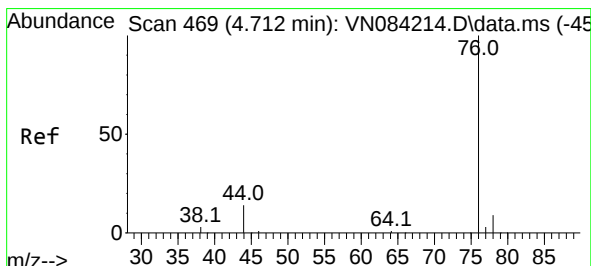
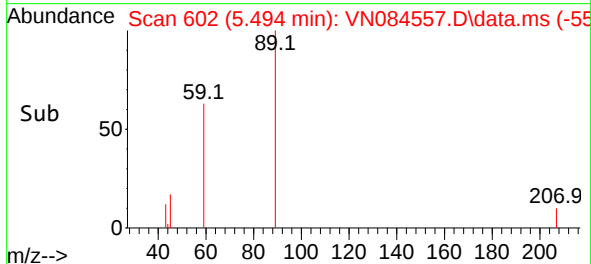
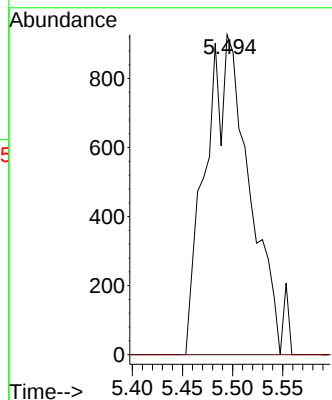


#11
Tert butyl alcohol
Concen: 7.304 ug/l
RT: 5.494 min Scan# 607
Delta R.T. -0.029 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :

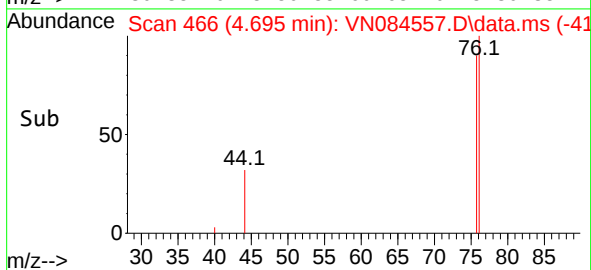
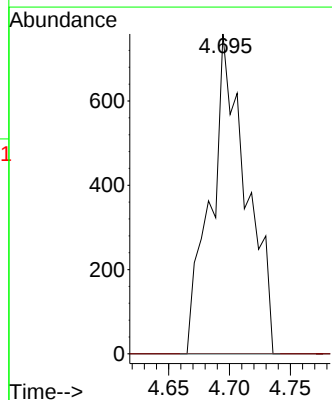
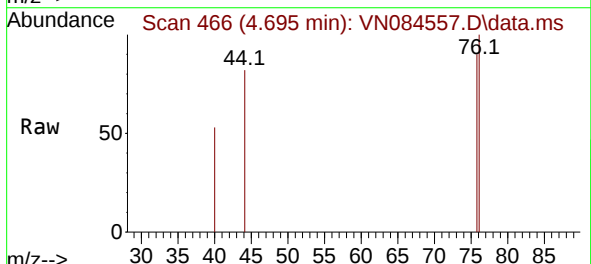


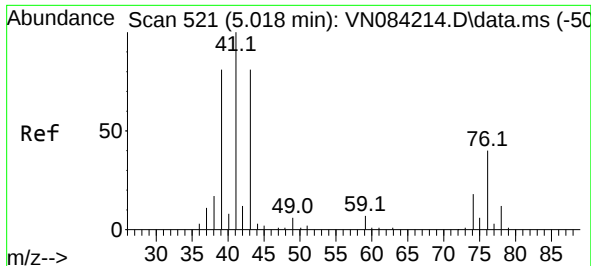
Tgt Ion: 59 Resp: 2792
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#17
Carbon Disulfide
Concen: 0.277 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

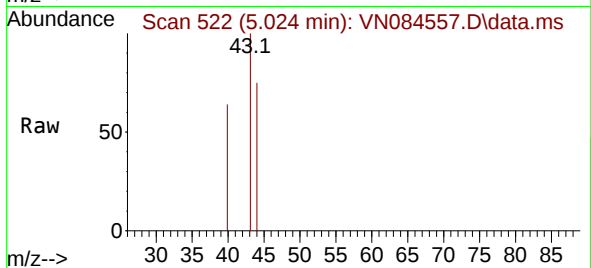
Tgt Ion: 76 Resp: 1544
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



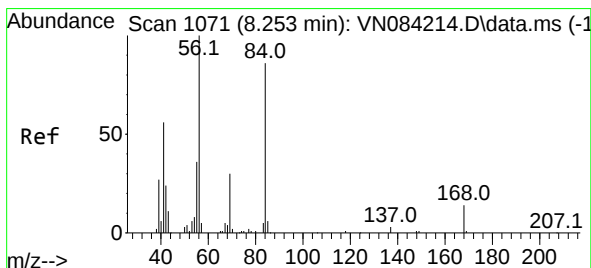
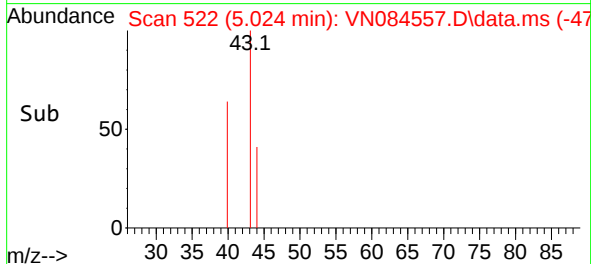
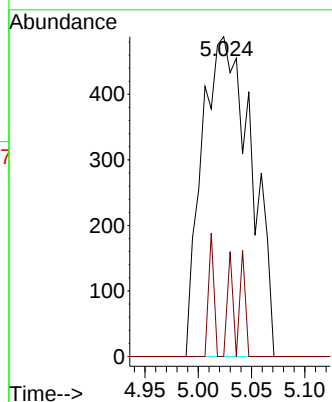


#18
Methyl Acetate
Concen: 0.721 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :

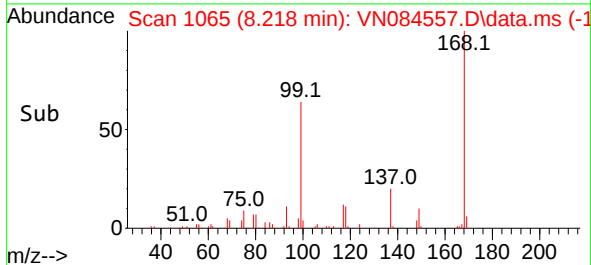
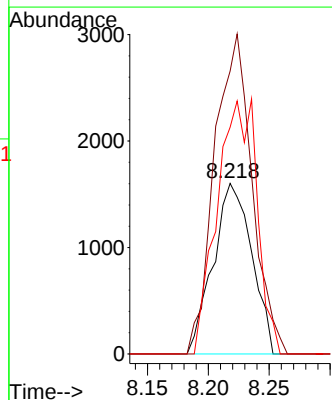
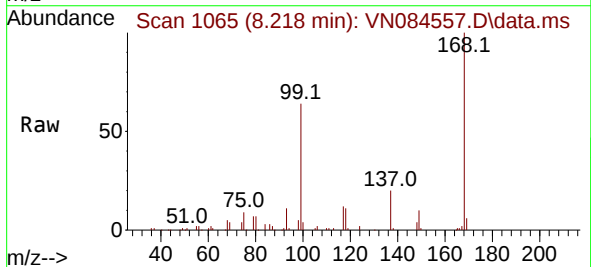


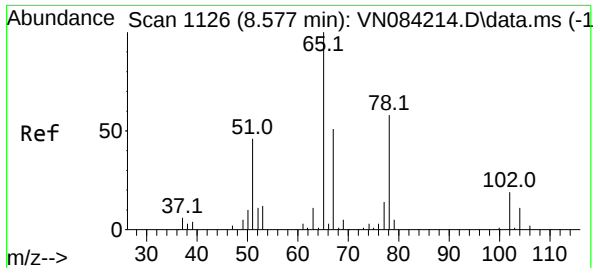
Tgt Ion: 43 Resp: 1564
Ion Ratio Lower Upper
43 100
74 4.2 19.2 28.8#



#31
Cyclohexane
Concen: 1.030 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Tgt Ion: 56 Resp: 3537
Ion Ratio Lower Upper
56 100
69 165.8 23.8 35.6#
84 132.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.057 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084557.D

Acq: 29 Oct 2024 12:29

Instrument :

MSVOA_N

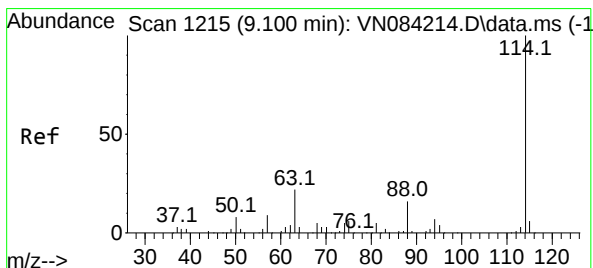
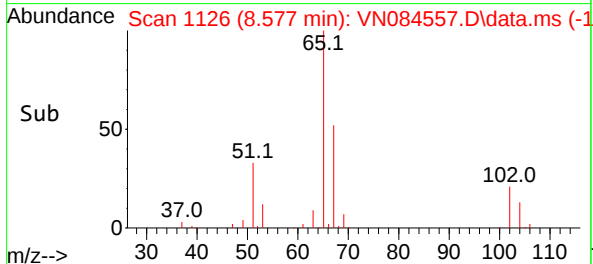
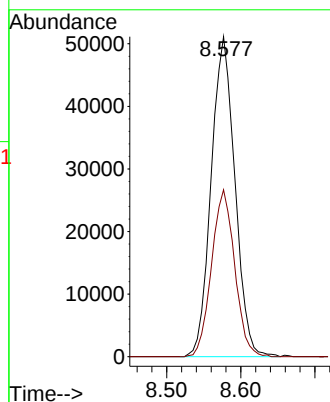
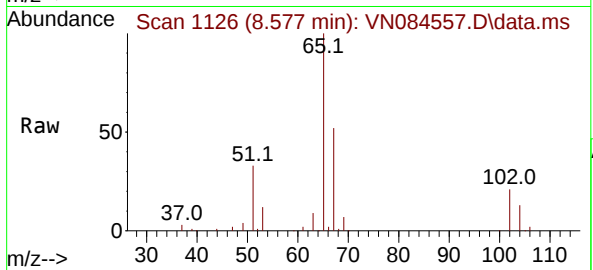
ClientSampleId :

Tgt Ion: 65 Resp: 113723

Ion Ratio Lower Upper

65 100

67 50.8 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: VN084557.D

Acq: 29 Oct 2024 12:29

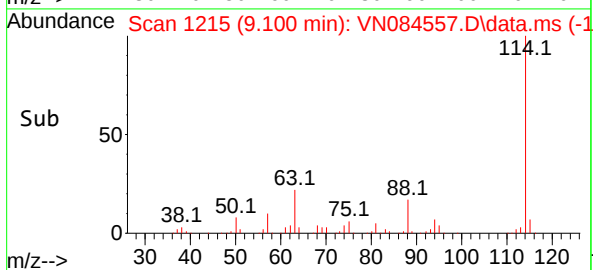
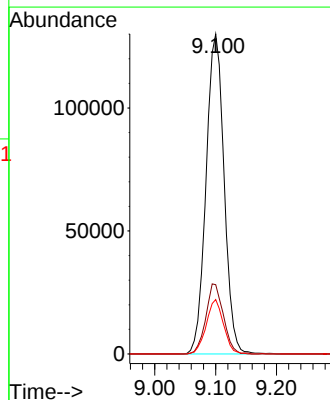
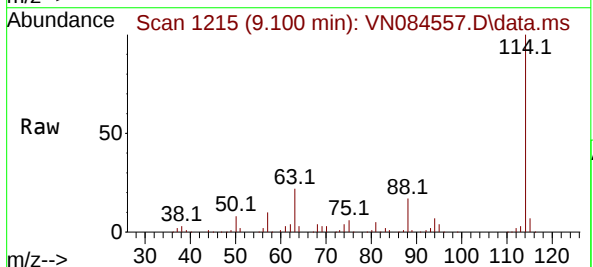
Tgt Ion: 114 Resp: 267750

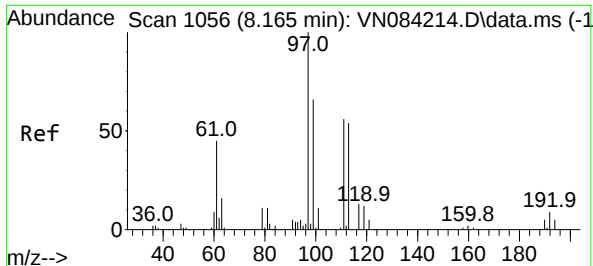
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 17.0 0.0 31.6

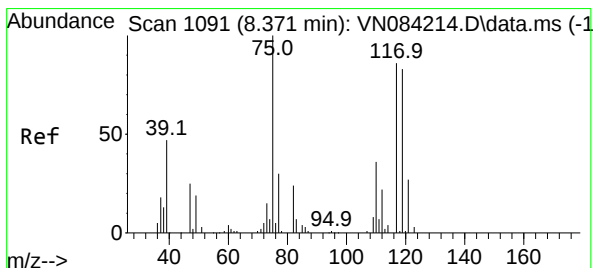
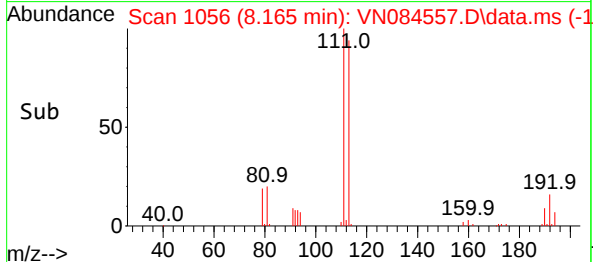
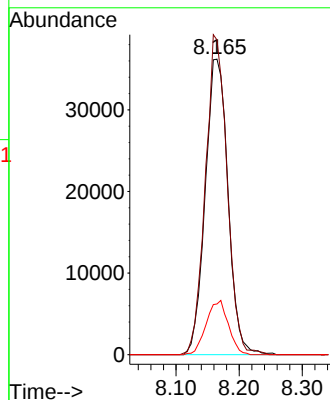
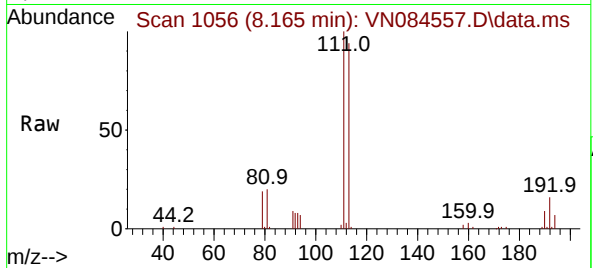




#35
Dibromofluoromethane
Concen: 51.492 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

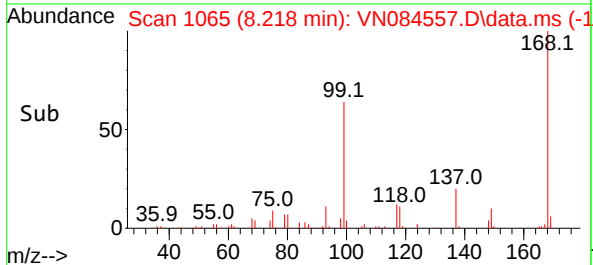
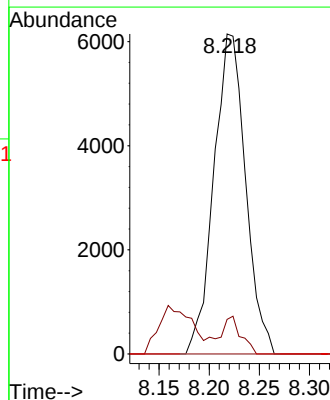
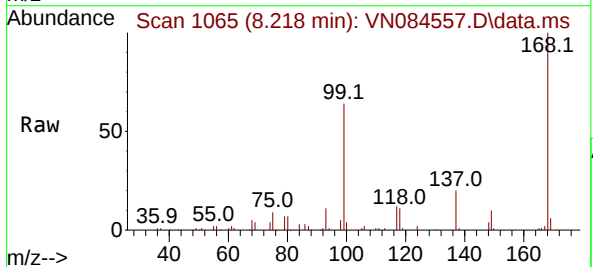
Instrument :
MSVOA_N
ClientSampleId :

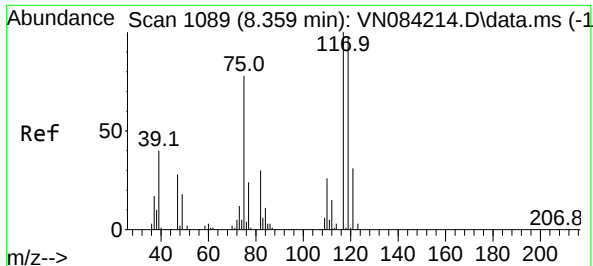
Tgt Ion:113 Resp: 90892
Ion Ratio Lower Upper
113 100
111 103.2 83.3 124.9
192 17.8 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.269 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

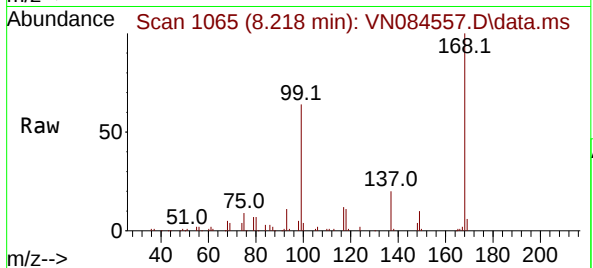
Tgt Ion: 75 Resp: 13510
Ion Ratio Lower Upper
75 100
110 6.6 16.9 50.7#
77 0.0 24.7 37.1#



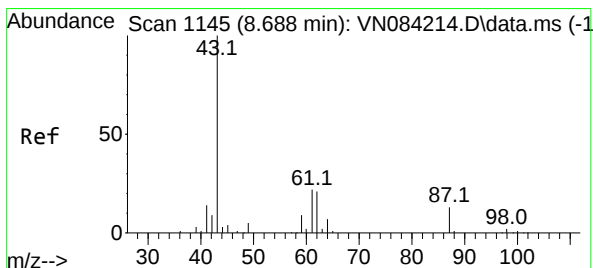
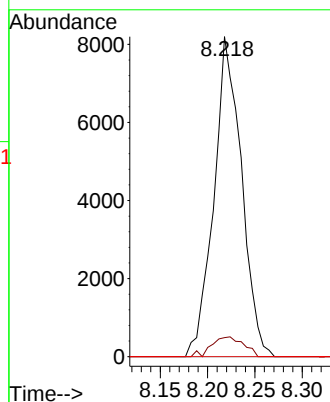
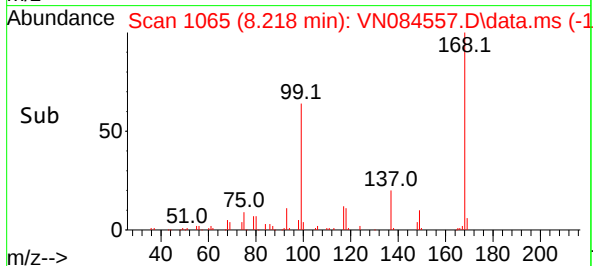


#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :

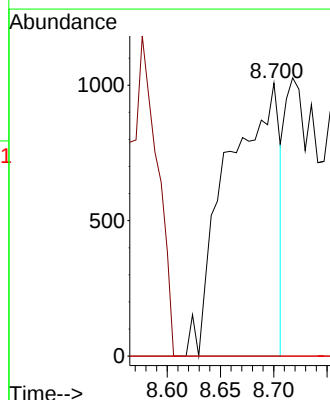
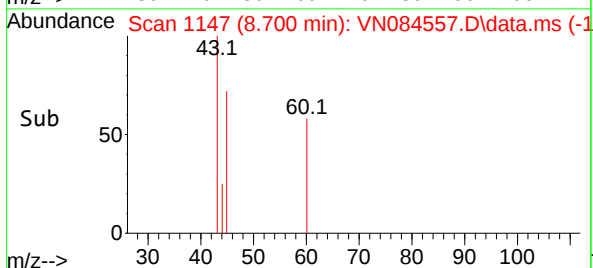
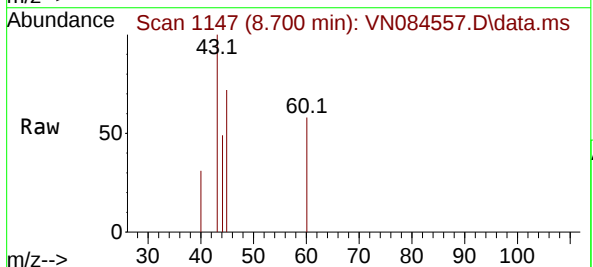


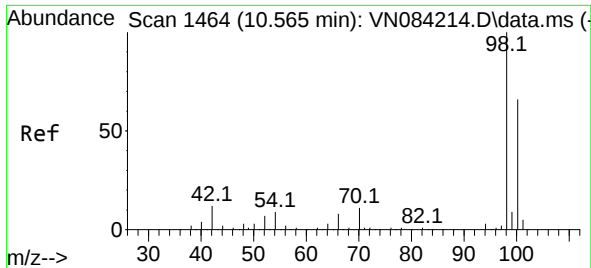
Tgt Ion:117 Resp: 16619
Ion Ratio Lower Upper
117 100
119 6.0 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.663 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Tgt Ion: 43 Resp: 3417
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

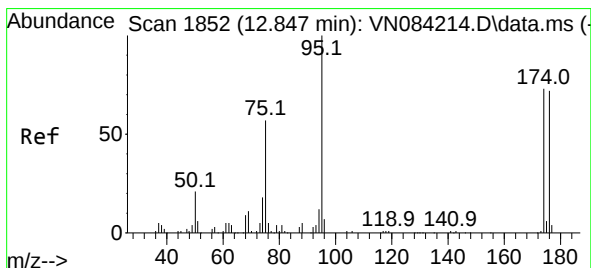
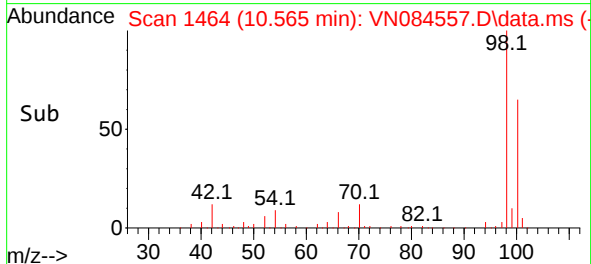
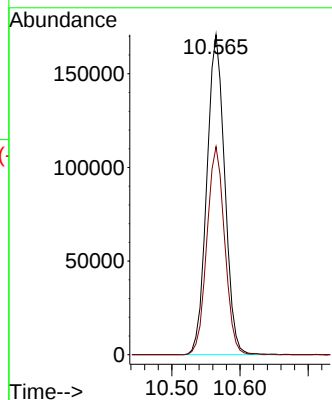
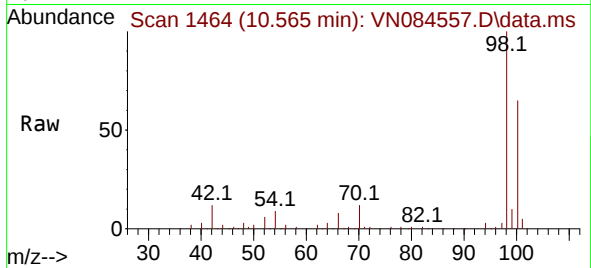




#50
Toluene-d8
Concen: 48.007 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

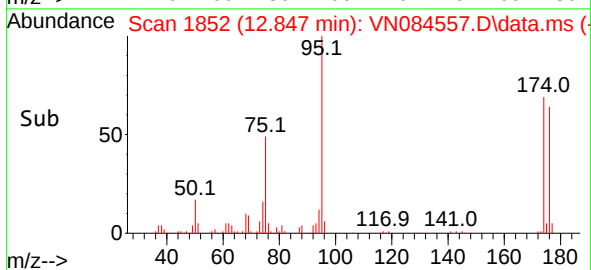
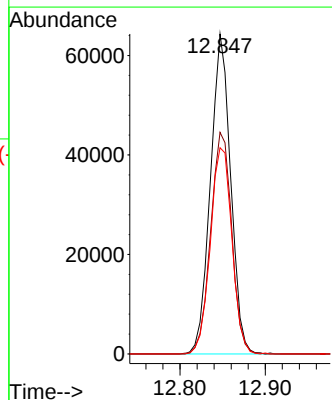
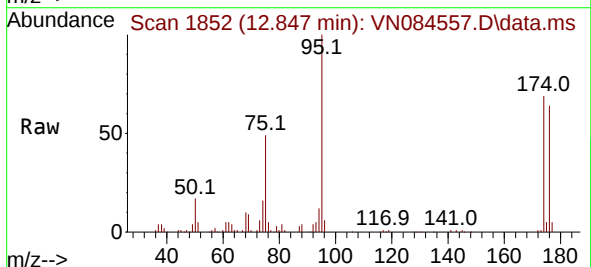
Instrument :
MSVOA_N
ClientSampleId :

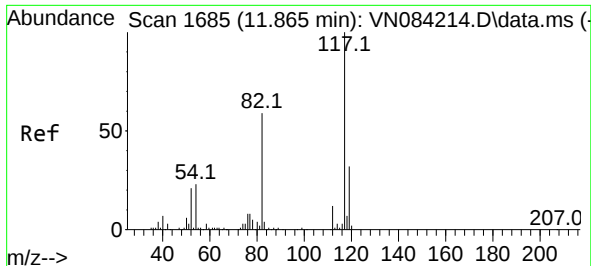
Tgt Ion: 98 Resp: 311771
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.756 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

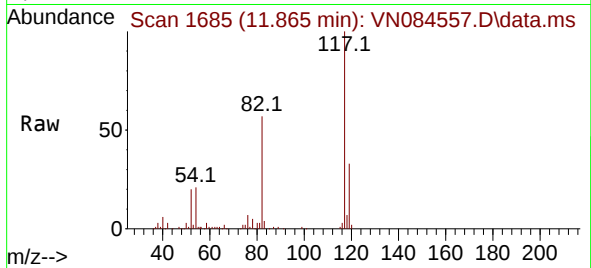
Tgt Ion: 95 Resp: 105889
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.2
176 68.7 0.0 140.0



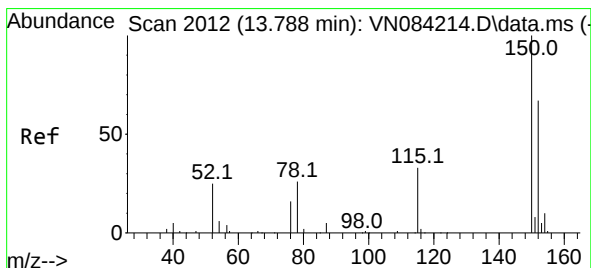
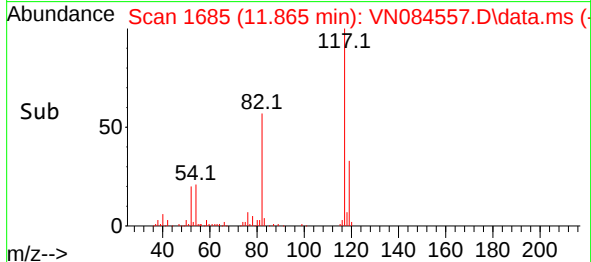
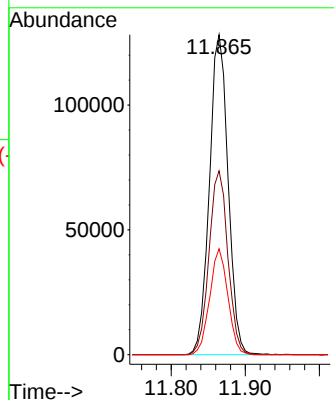


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :

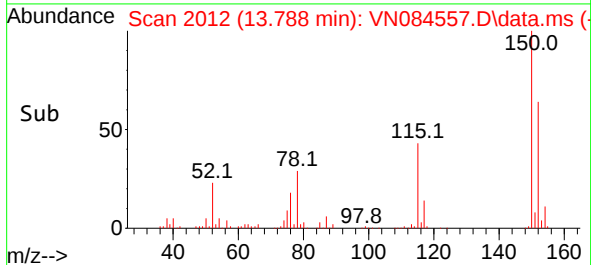
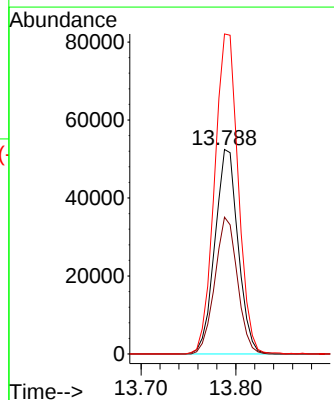
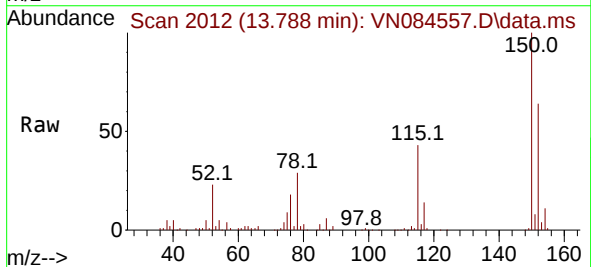


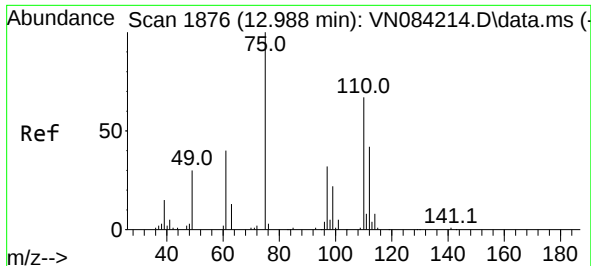
Tgt Ion:117 Resp: 224224
Ion Ratio Lower Upper
117 100
82 57.5 47.2 70.8
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Tgt Ion:152 Resp: 89284
Ion Ratio Lower Upper
152 100
115 65.0 31.3 93.9
150 159.4 0.0 349.8

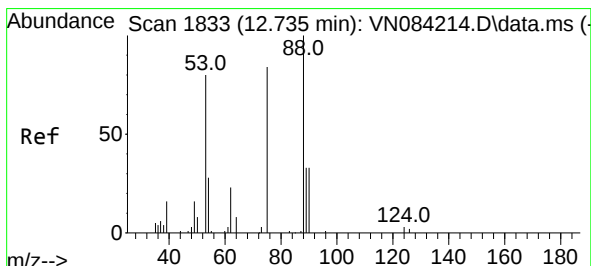
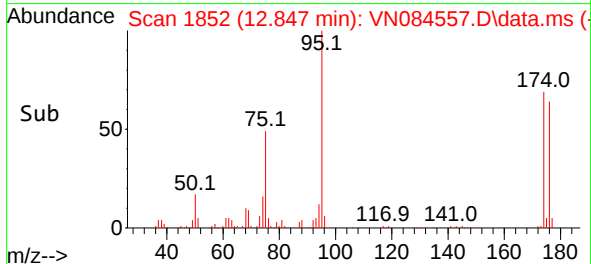
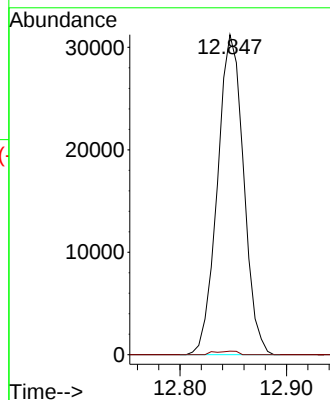
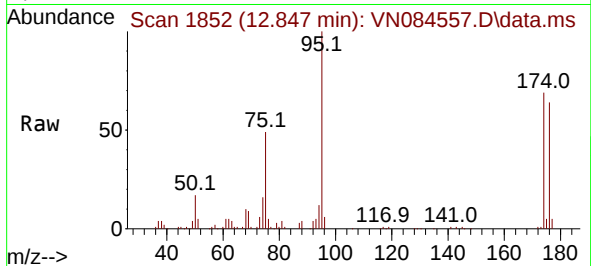




#76
1,2,3-Trichloropropane
Concen: 29.213 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

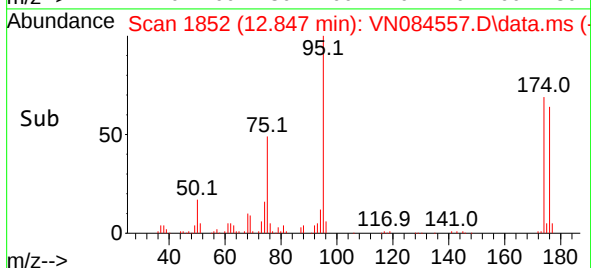
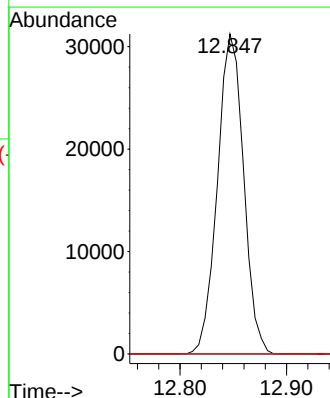
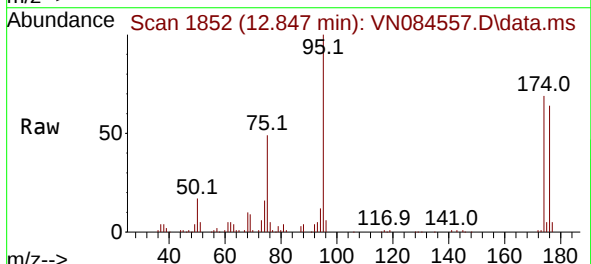
Instrument :
MSVOA_N
ClientSampleId :

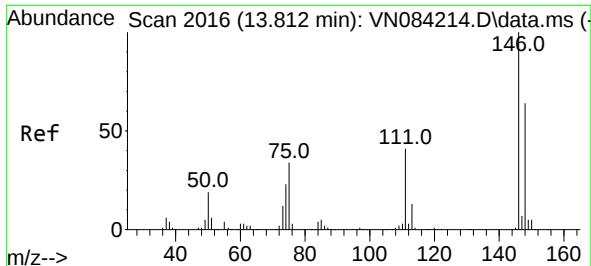
Tgt Ion: 75 Resp: 53249
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.038 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Tgt Ion: 75 Resp: 53249
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

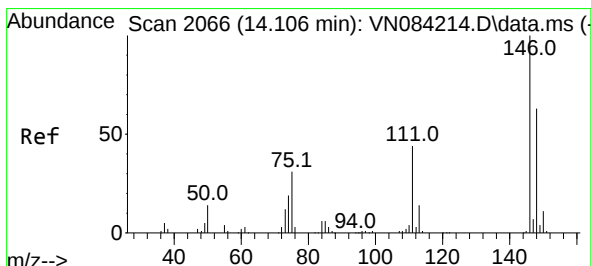
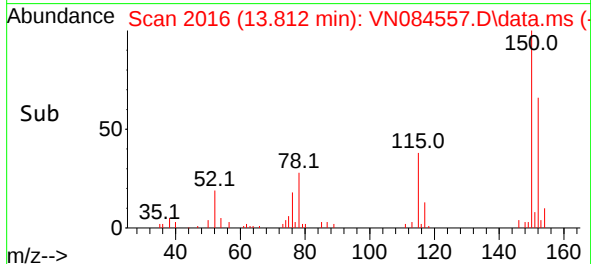
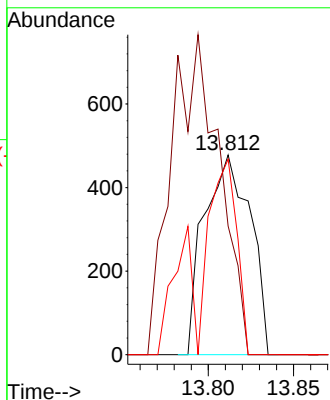
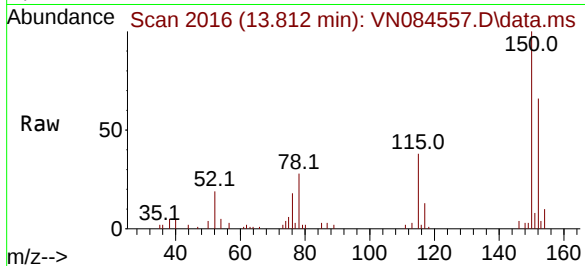




#88
1,4-Dichlorobenzene
Concen: 0.289 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

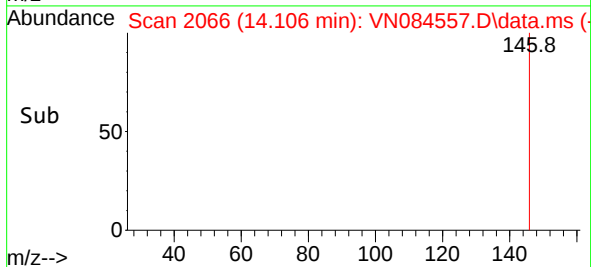
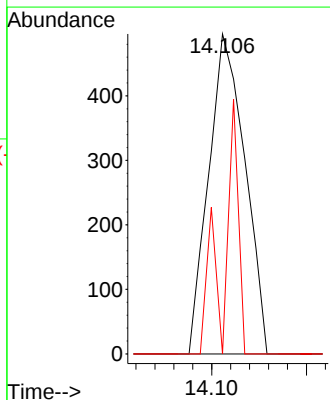
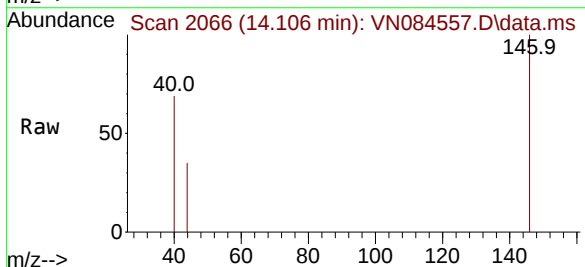
Instrument :
MSVOA_N
ClientSampleId :

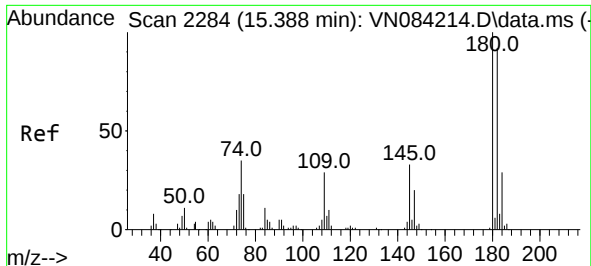
Tgt Ion:146 Resp: 899
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 58.4 31.9 95.9



#91
1,2-Dichlorobenzene
Concen: 0.218 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Tgt Ion:146 Resp: 659
Ion Ratio Lower Upper
146 100
111 0.0 22.0 66.0#
148 33.4 32.1 96.3





#93

1,2,4-Trichlorobenzene

Concen: 0.696 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

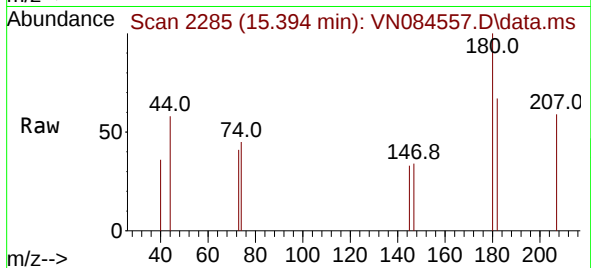
Lab File: VN084557.D

Acq: 29 Oct 2024 12:29

Instrument :

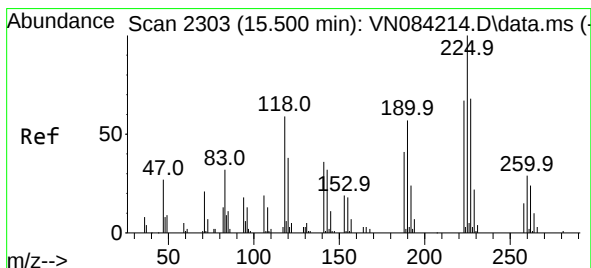
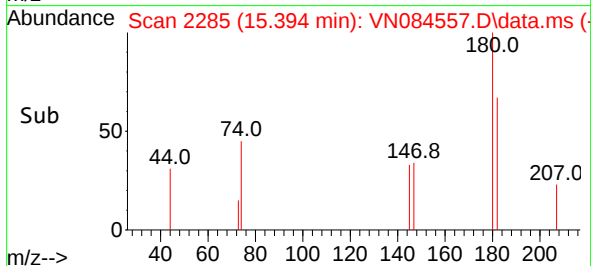
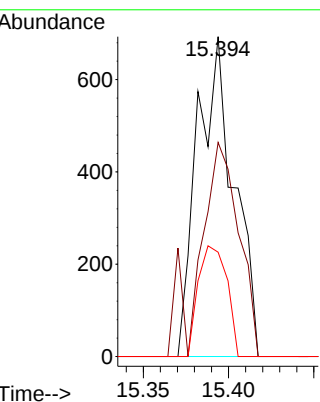
MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1036

Ion	Ratio	Lower	Upper
180	100		
182	71.3	47.0	141.0
145	27.0	16.4	49.4



#94

Hexachlorobutadiene

Concen: 0.426 ug/l

RT: 15.500 min Scan# 2303

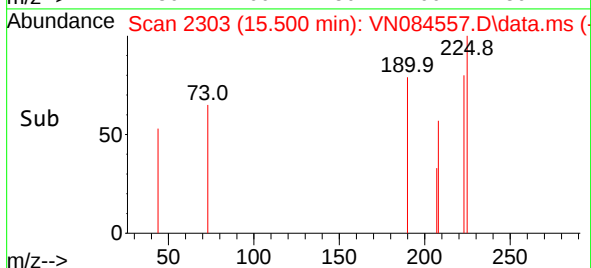
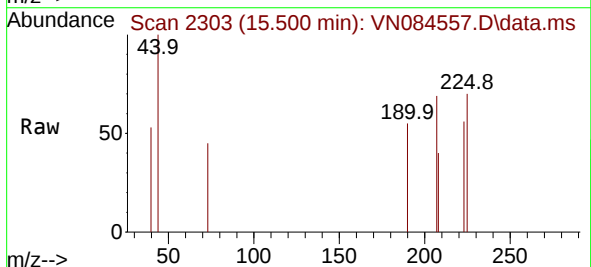
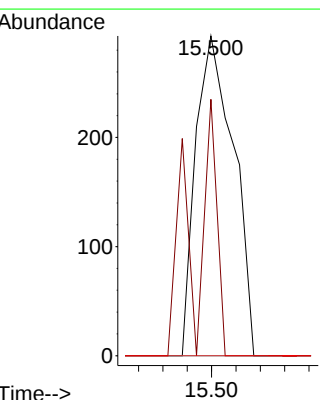
Delta R.T. -0.000 min

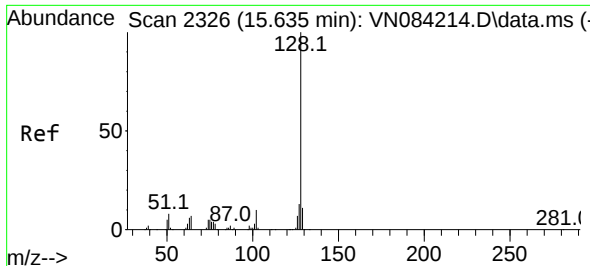
Lab File: VN084557.D

Acq: 29 Oct 2024 12:29

Tgt Ion:225 Resp: 316

Ion	Ratio	Lower	Upper
225	100		
223	22.2	32.4	97.2#
227	0.0	32.4	97.0#

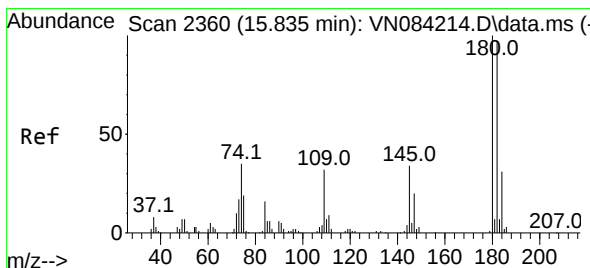
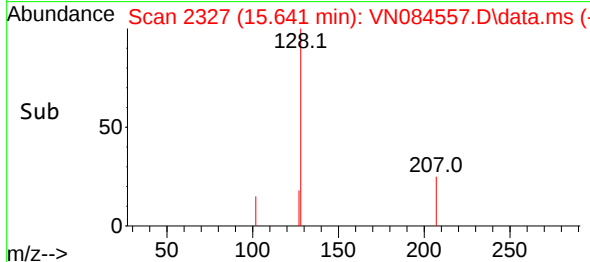
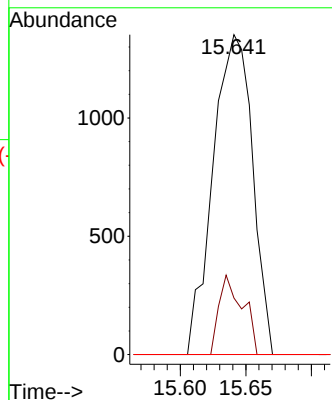
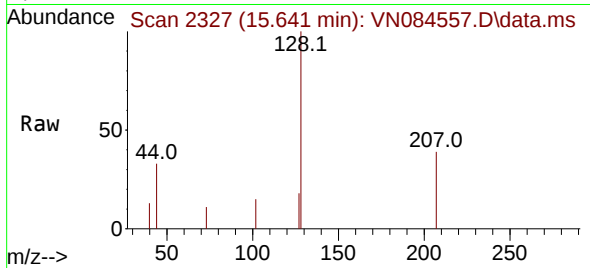




#95
Naphthalene
Concen: 0.575 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2836
Ion Ratio Lower Upper
128 100
127 14.8 10.5 15.7
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.641 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.012 min
Lab File: VN084557.D
Acq: 29 Oct 2024 12:29

Tgt Ion:180 Resp: 956
Ion Ratio Lower Upper
180 100
182 0.0 48.2 144.6#
145 13.4 17.3 51.9#

