

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084567.D
 Acq On : 29 Oct 2024 16:29
 Operator : JC\MD
 Sample : P4574-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GRAVEL-2

Quant Time: Oct 30 05:05:41 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)

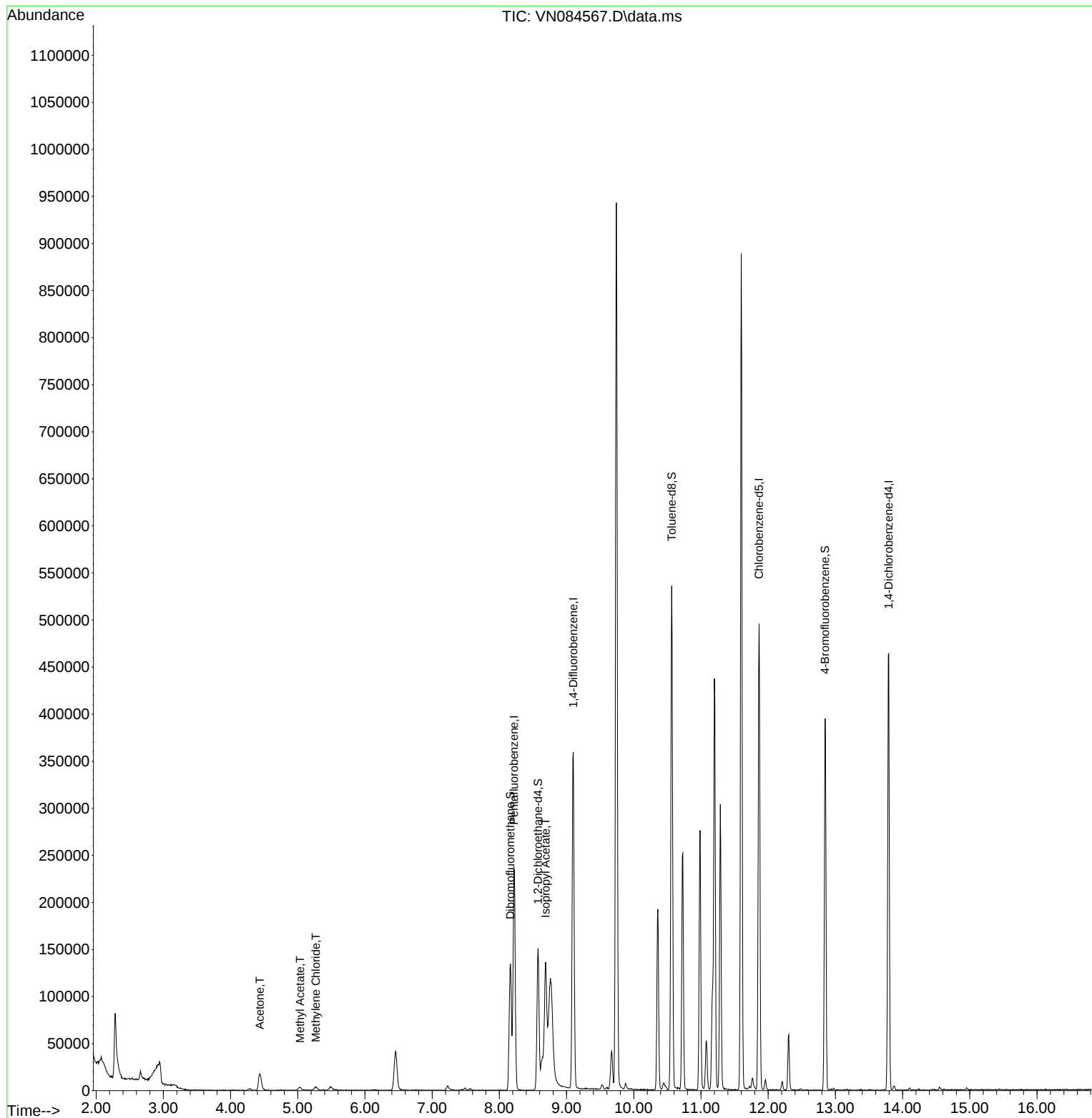
Internal Standards						
1) Pentafluorobenzene	8.218	168	164873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123328	50.450	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.900%
35) Dibromofluoromethane	8.165	113	100189	49.809	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	10.565	98	365223	49.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.847	95	138728	51.457	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.920%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	34695	33.039	ug/l	94
18) Methyl Acetate	5.036	43	6894	3.012	ug/l	93
20) Methylene Chloride	5.271	84	2960	1.387	ug/l	87
43) Isopropyl Acetate	8.688	43	187936	32.011	ug/l #	77

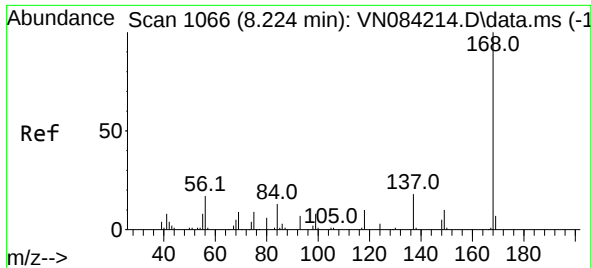
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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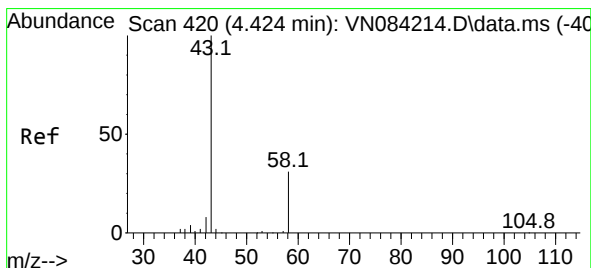
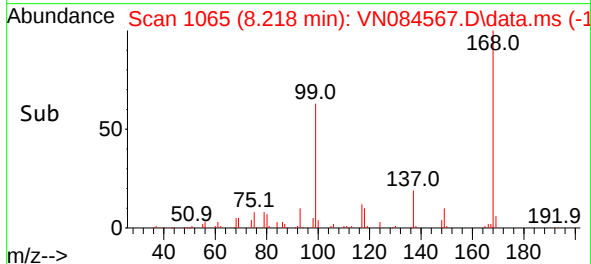
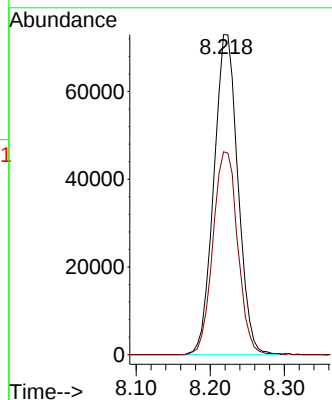
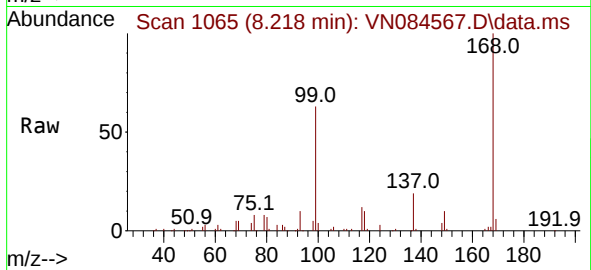




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

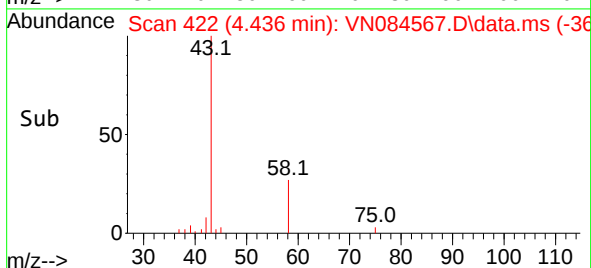
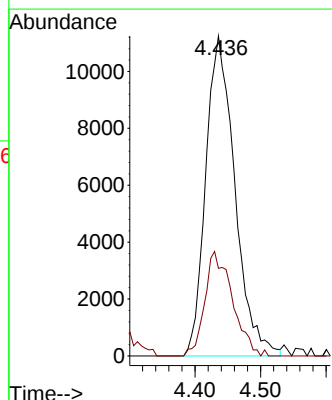
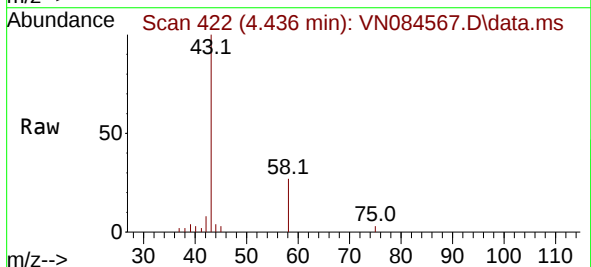
Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-2

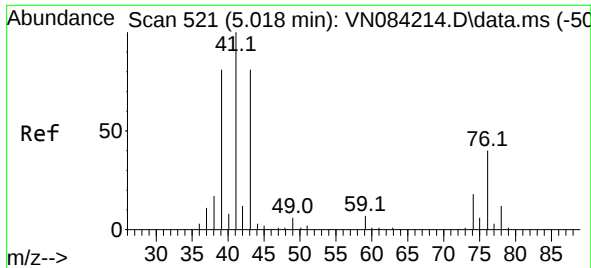
Tgt Ion:168 Resp: 164873
Ion Ratio Lower Upper
168 100
99 63.4 54.2 81.2



#16
Acetone
Concen: 33.039 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

Tgt Ion: 43 Resp: 34695
Ion Ratio Lower Upper
43 100
58 27.4 24.4 36.6

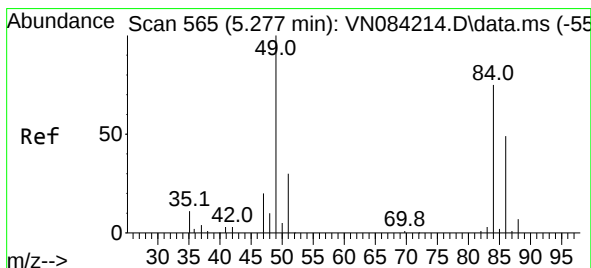
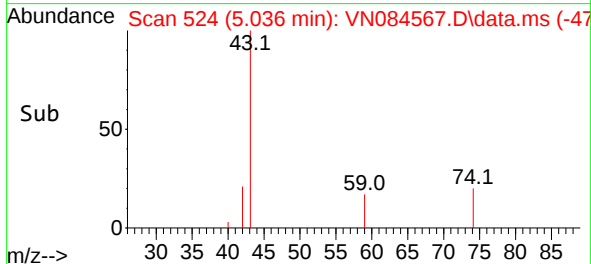
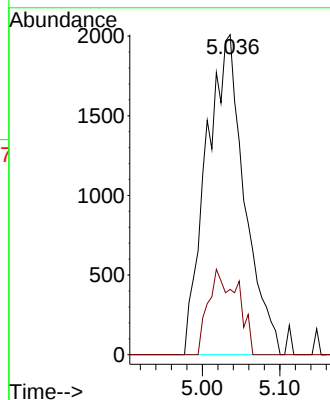
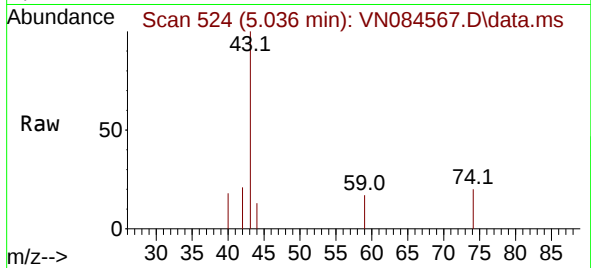




#18
Methyl Acetate
Concen: 3.012 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

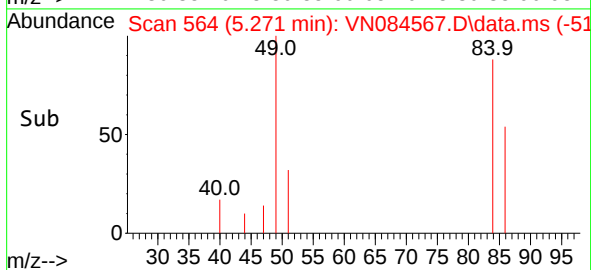
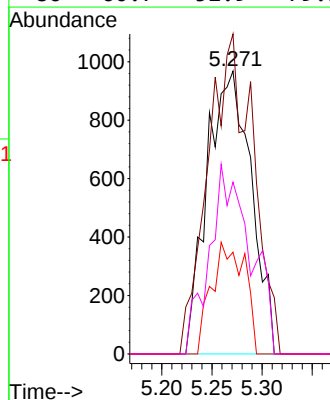
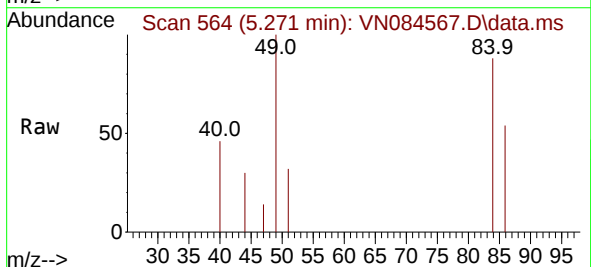
Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-2

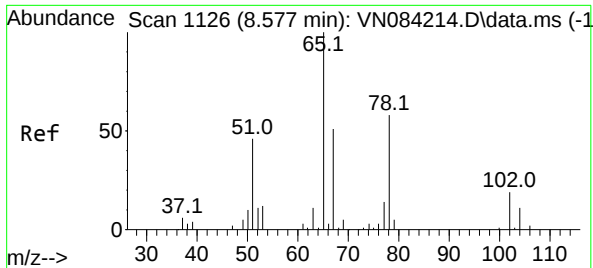
Tgt Ion: 43 Resp: 6894
Ion Ratio Lower Upper
43 100
74 20.4 19.2 28.8



#20
Methylene Chloride
Concen: 1.387 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

Tgt Ion: 84 Resp: 2960
Ion Ratio Lower Upper
84 100
49 113.1 107.2 160.8
51 36.0 31.8 47.8
86 60.7 52.9 79.3

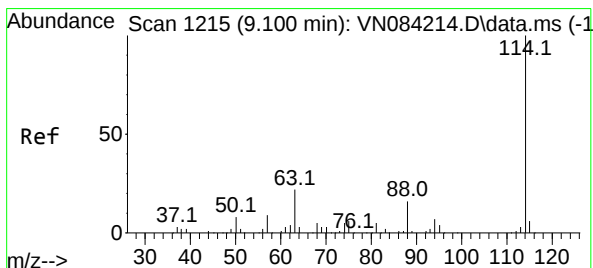
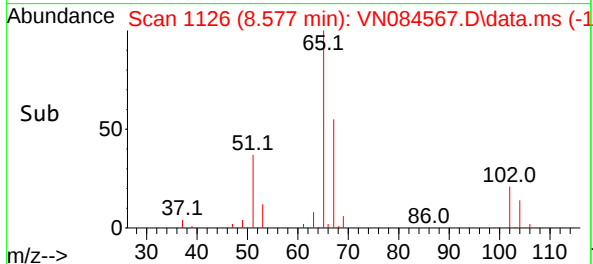
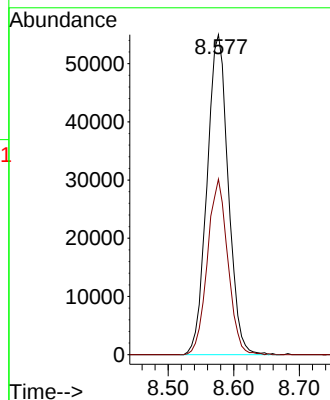
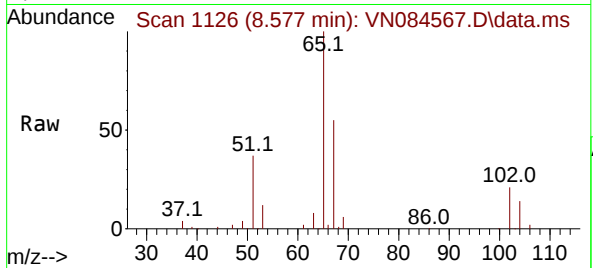




#33
 1,2-Dichloroethane-d4
 Concen: 50.450 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084567.D
 Acq: 29 Oct 2024 16:29

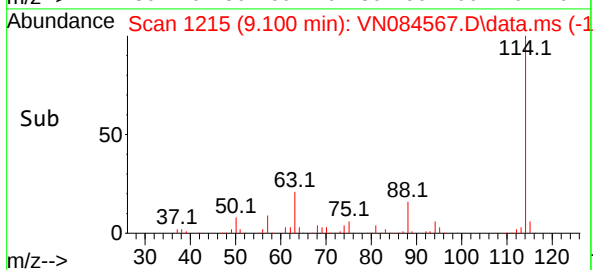
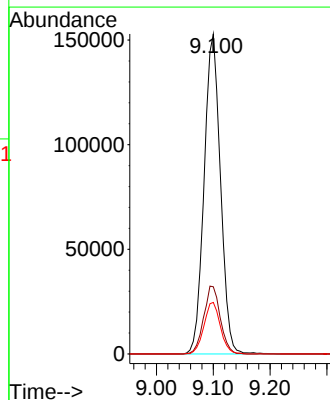
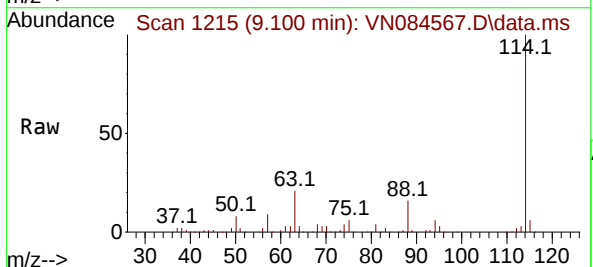
Instrument :
 MSVOA_N
 ClientSampleId :
 GRAVEL-2

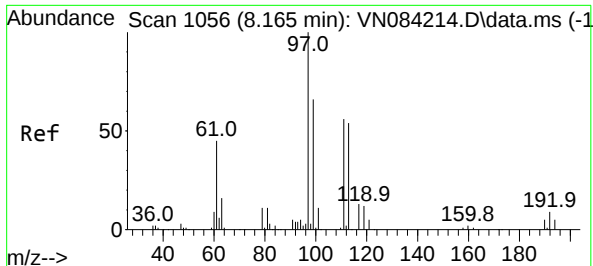
Tgt Ion: 65 Resp: 123328
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084567.D
 Acq: 29 Oct 2024 16:29

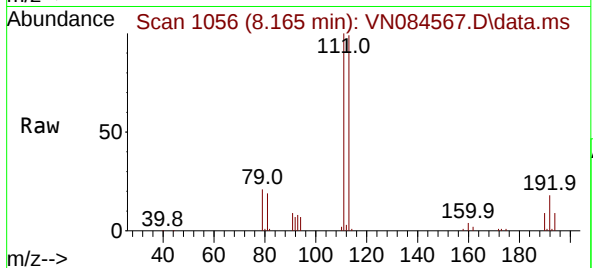
Tgt Ion: 114 Resp: 305105
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.8
 88 16.1 0.0 31.6



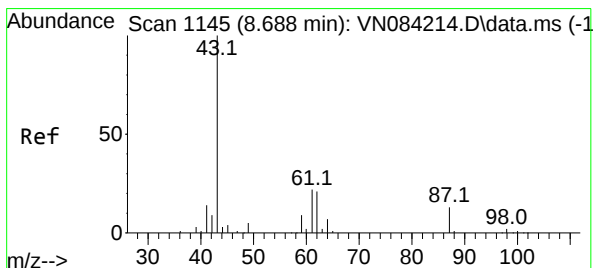
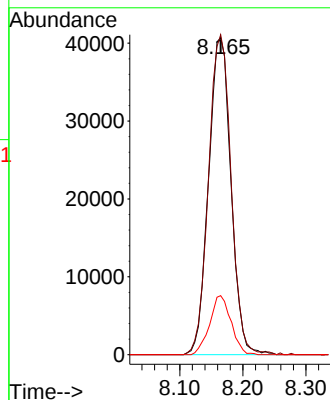
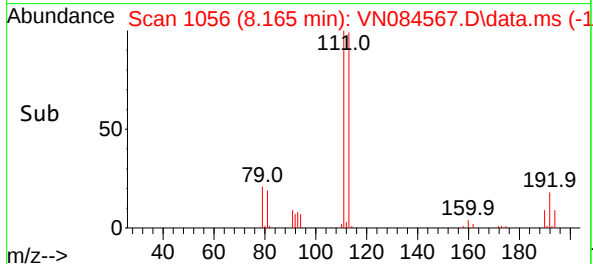


#35
Dibromofluoromethane
Concen: 49.809 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-2

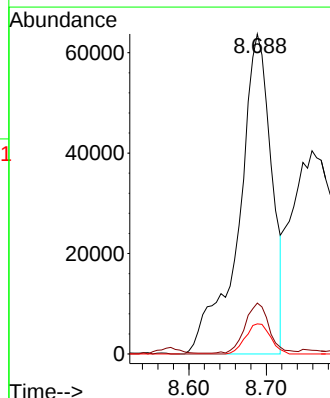
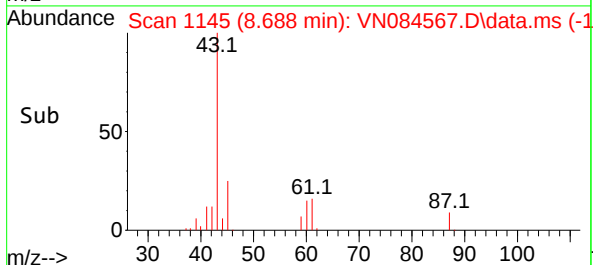
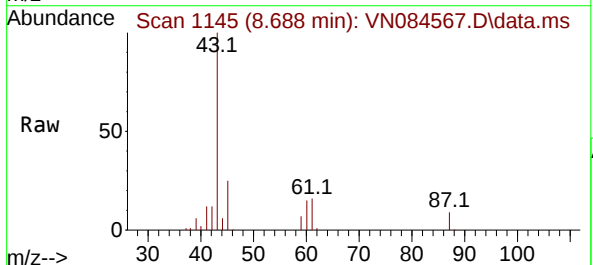


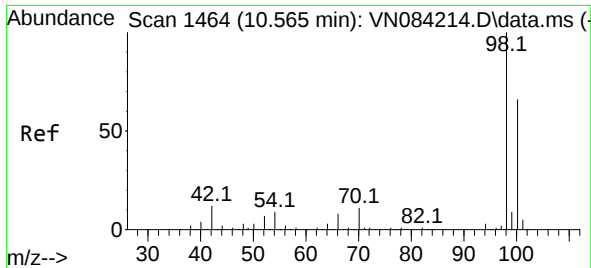
Tgt Ion:113 Resp: 100189
Ion Ratio Lower Upper
113 100
111 101.8 83.3 124.9
192 17.8 13.5 20.3



#43
Isopropyl Acetate
Concen: 32.011 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

Tgt Ion: 43 Resp: 187936
Ion Ratio Lower Upper
43 100
61 11.4 20.4 30.6#
87 7.1 10.3 15.5#

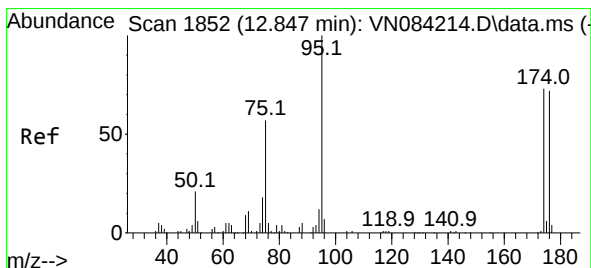
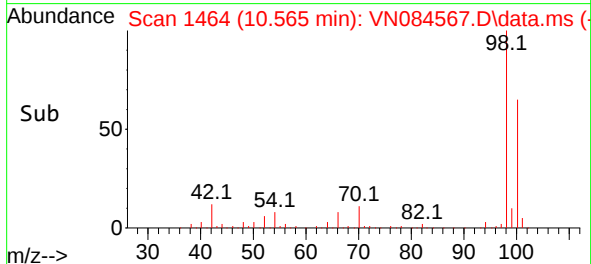
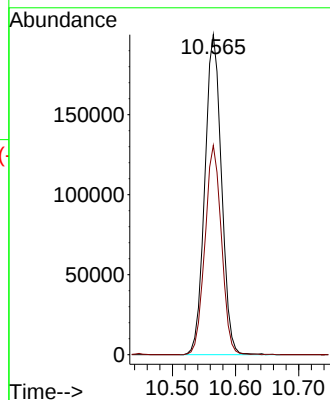
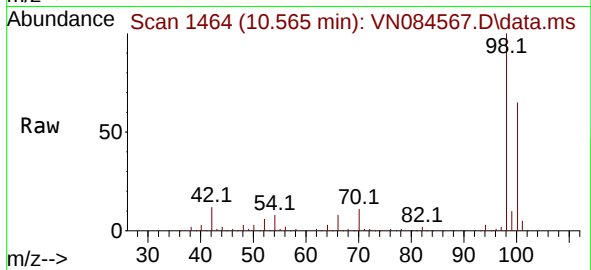




#50
Toluene-d8
Concen: 49.352 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

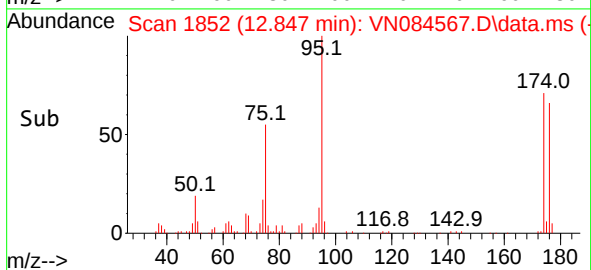
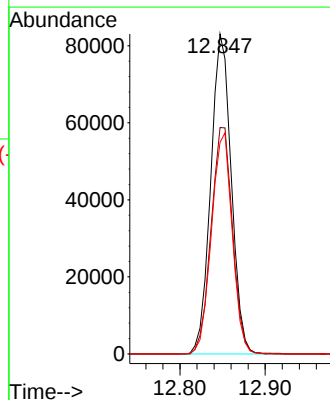
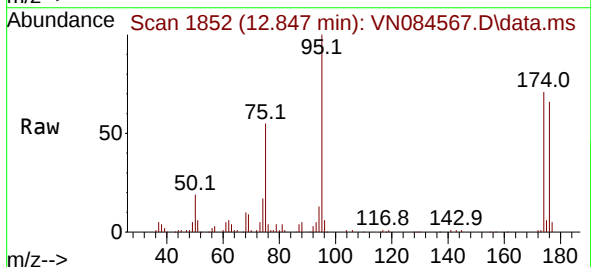
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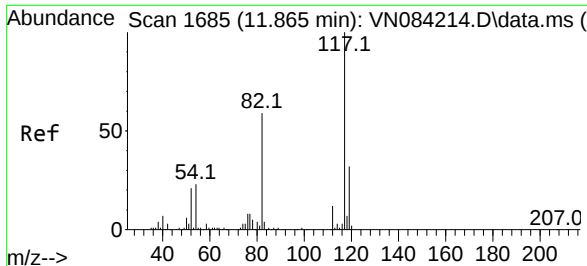
Tgt Ion: 98 Resp: 365223
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.457 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

Tgt Ion: 95 Resp: 138728
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 70.0 0.0 140.0

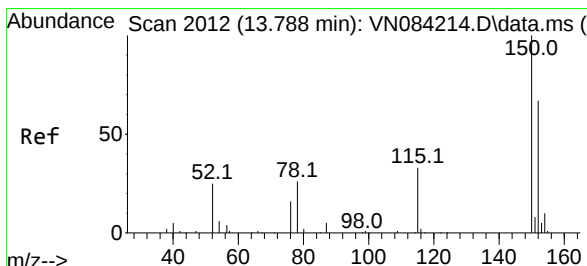
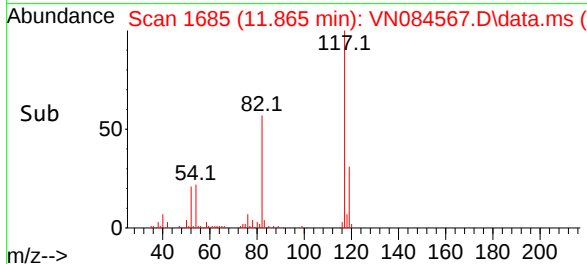
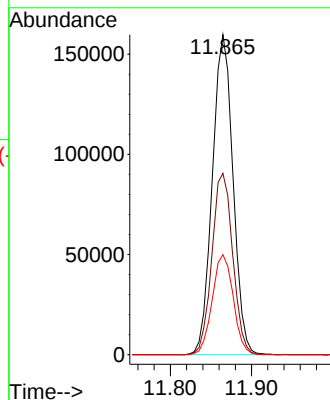
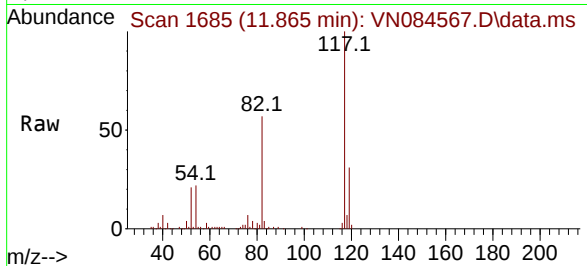




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-2

Tgt Ion:117 Resp: 282635
Ion Ratio Lower Upper
117 100
82 56.6 47.2 70.8
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084567.D
Acq: 29 Oct 2024 16:29

Tgt Ion:152 Resp: 124776
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.9
150 157.8 0.0 349.8

