

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084564.D
 Acq On : 29 Oct 2024 15:17
 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 05:04:13 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)

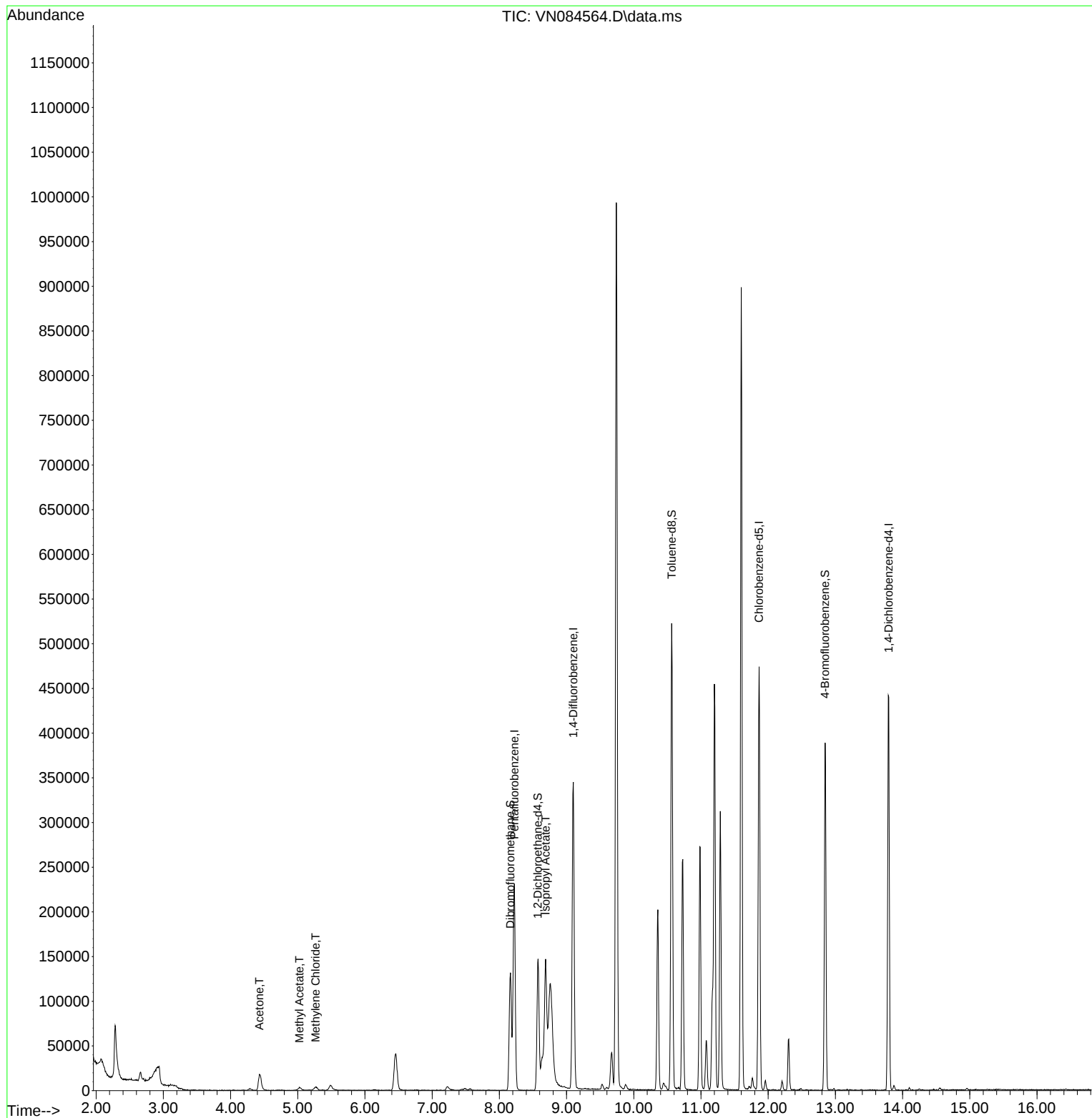
Internal Standards						
1) Pentafluorobenzene	8.224	168	161476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	122960	51.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.720%	
35) Dibromofluoromethane	8.165	113	98129	50.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.060%	
50) Toluene-d8	10.565	98	356512	49.408	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.820%	
62) 4-Bromofluorobenzene	12.847	95	133337	50.722	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	34816	33.852	ug/l	92
18) Methyl Acetate	5.024	43	6264	2.794	ug/l	100
20) Methylene Chloride	5.265	84	2840	1.358	ug/l #	84
43) Isopropyl Acetate	8.688	43	205743	35.940	ug/l #	76

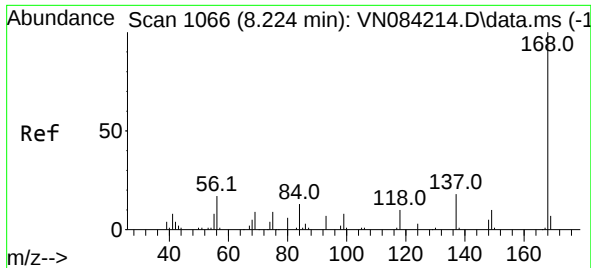
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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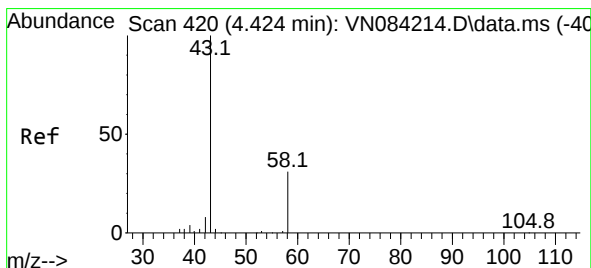
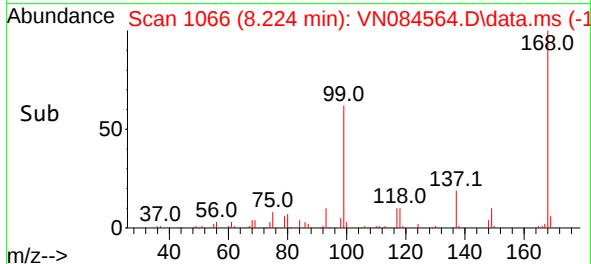
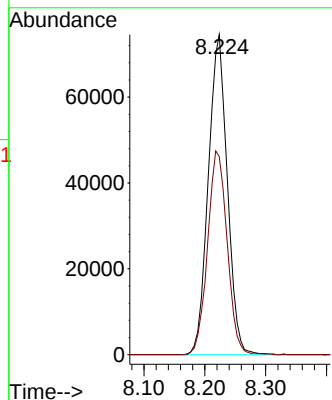
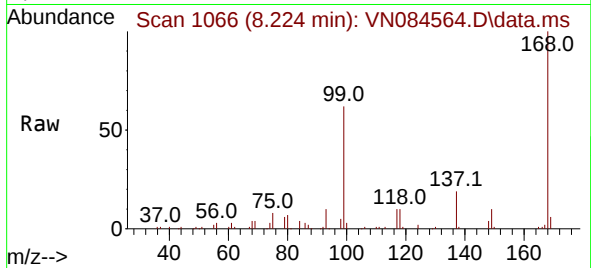




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084564.D
Acq: 29 Oct 2024 15:17

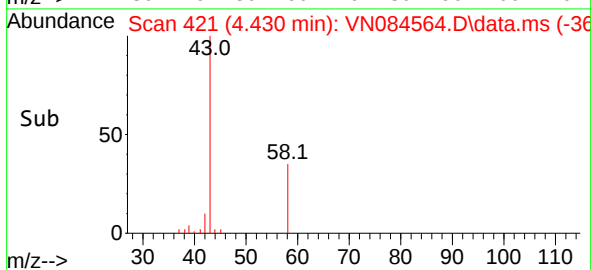
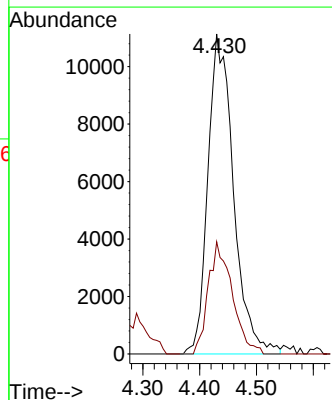
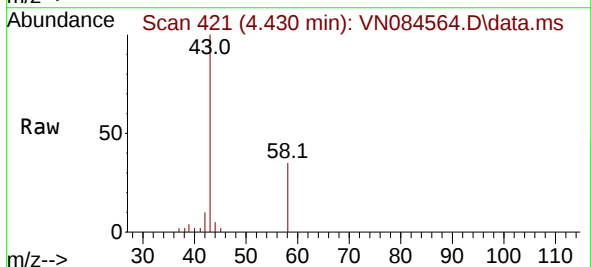
Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-2

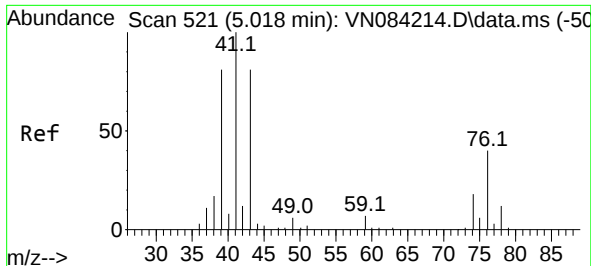
Tgt Ion:168 Resp: 161476
Ion Ratio Lower Upper
168 100
99 61.9 54.2 81.2



#16
Acetone
Concen: 33.852 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084564.D
Acq: 29 Oct 2024 15:17

Tgt Ion: 43 Resp: 34816
Ion Ratio Lower Upper
43 100
58 35.0 24.4 36.6

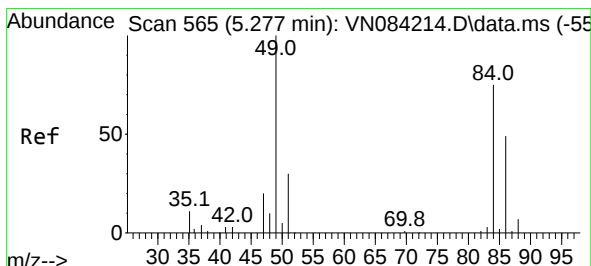
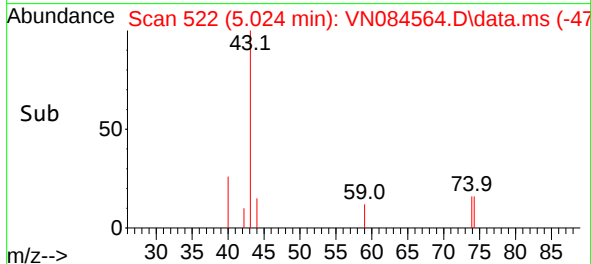
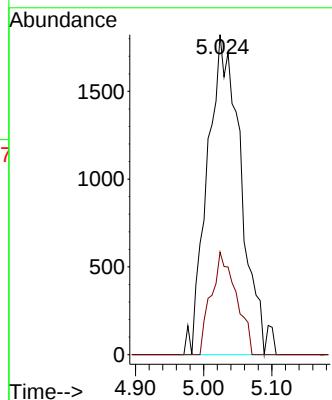
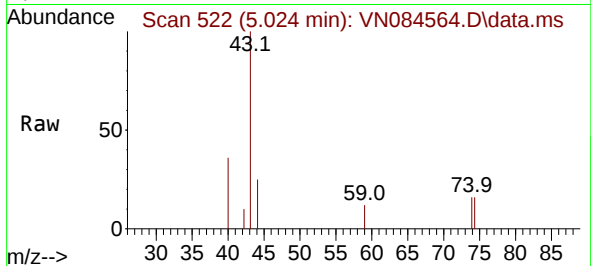




#18
Methyl Acetate
Concen: 2.794 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084564.D
Acq: 29 Oct 2024 15:17

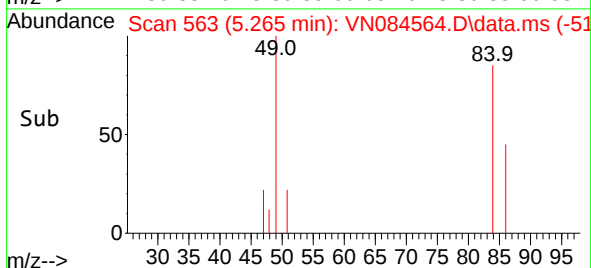
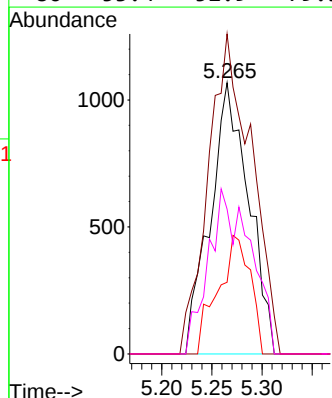
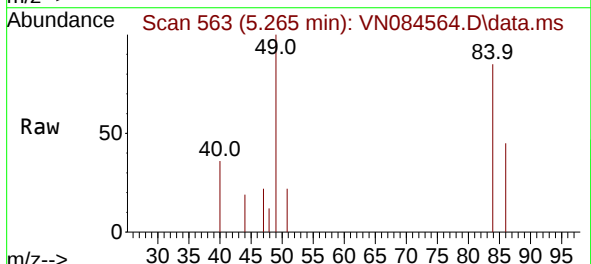
Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-2

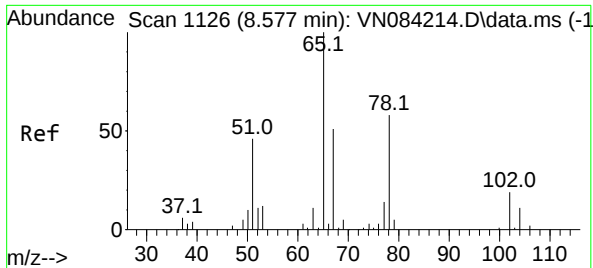
Tgt Ion: 43 Resp: 6264
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8



#20
Methylene Chloride
Concen: 1.358 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084564.D
Acq: 29 Oct 2024 15:17

Tgt Ion: 84 Resp: 2840
Ion Ratio Lower Upper
84 100
49 118.0 107.2 160.8
51 26.4 31.8 47.8#
86 53.4 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 51.358 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084564.D

Acq: 29 Oct 2024 15:17

Instrument :

MSVOA_N

ClientSampleId :

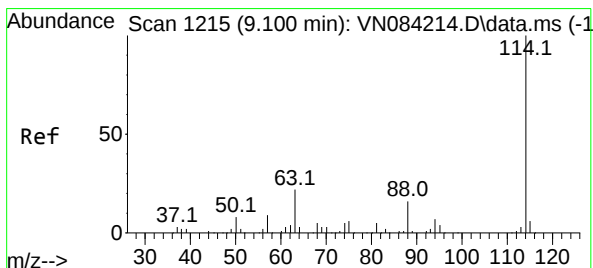
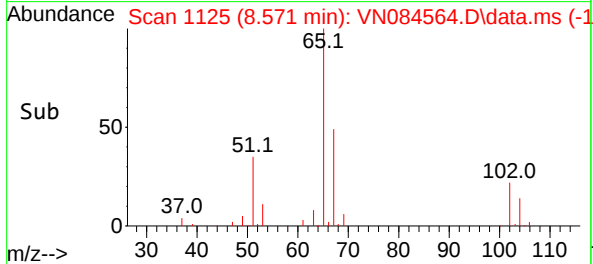
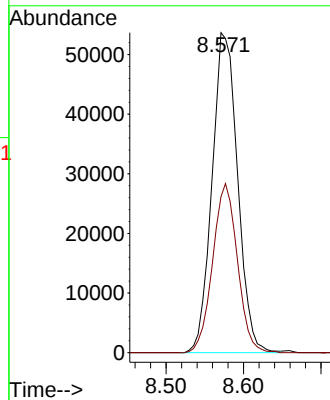
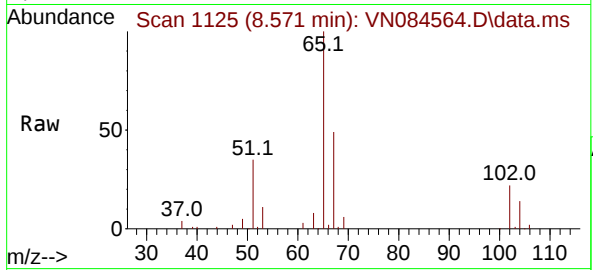
GRAVEL-2

Tgt Ion: 65 Resp: 122960

Ion Ratio Lower Upper

65 100

67 51.2 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: VN084564.D

Acq: 29 Oct 2024 15:17

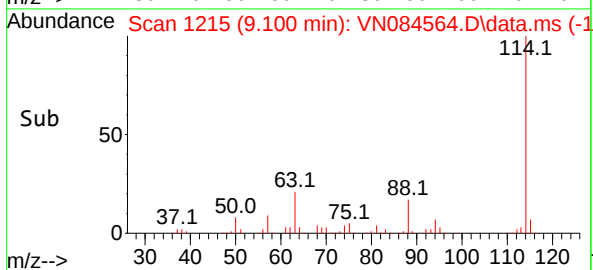
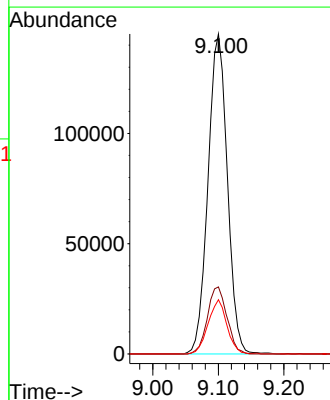
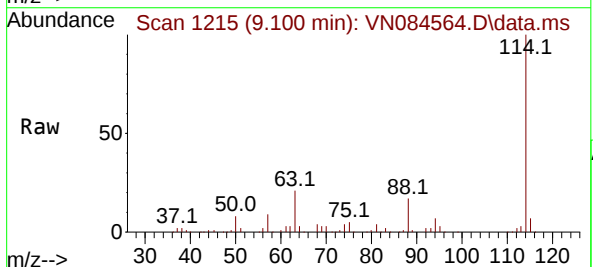
Tgt Ion: 114 Resp: 297495

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

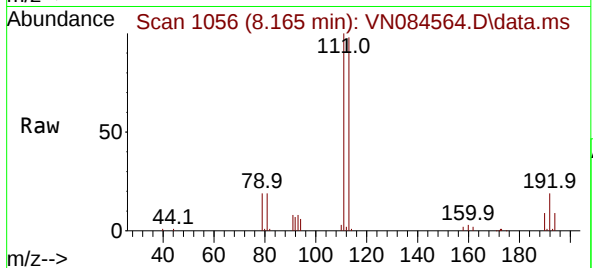
88 16.9 0.0 31.6



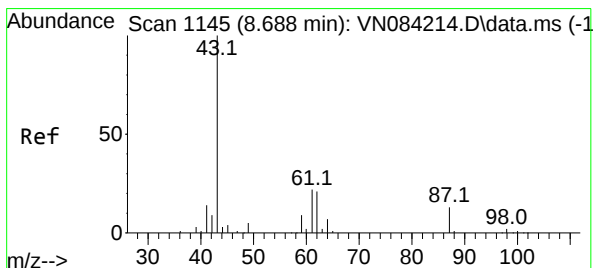
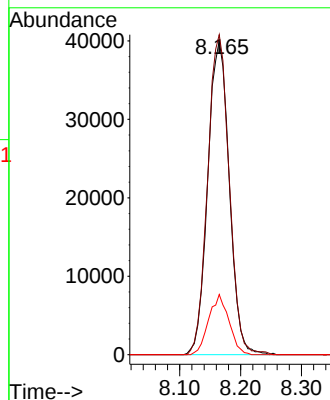
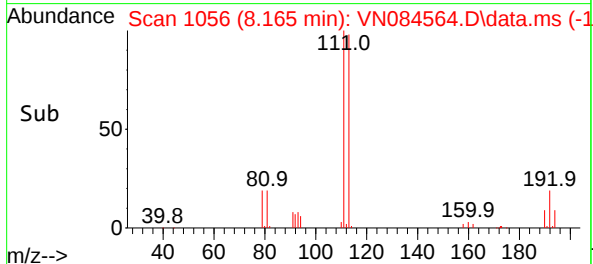


#35
Dibromofluoromethane
Concen: 50.033 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084564.D
Acq: 29 Oct 2024 15:17

Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-2

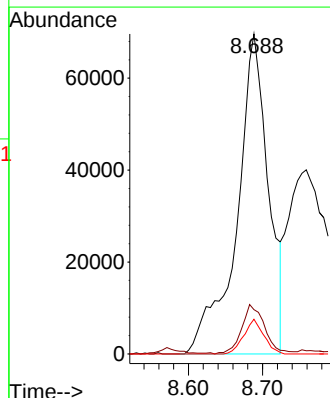
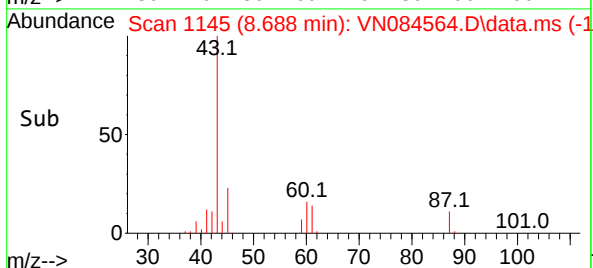
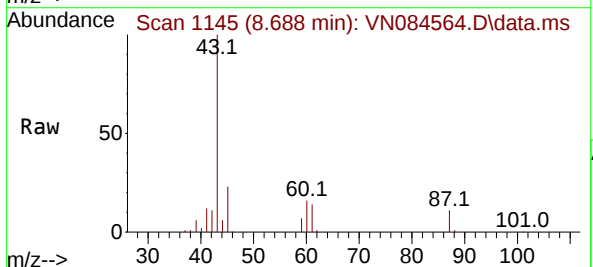


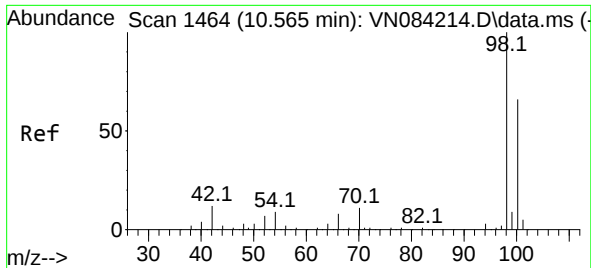
Tgt Ion:113 Resp: 98129
Ion Ratio Lower Upper
113 100
111 102.1 83.3 124.9
192 18.0 13.5 20.3



#43
Isopropyl Acetate
Concen: 35.940 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084564.D
Acq: 29 Oct 2024 15:17

Tgt Ion: 43 Resp: 205743
Ion Ratio Lower Upper
43 100
61 11.4 20.4 30.6#
87 6.9 10.3 15.5#

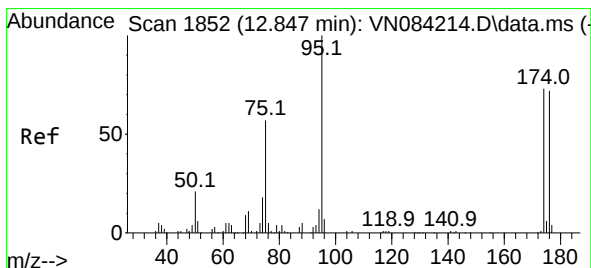
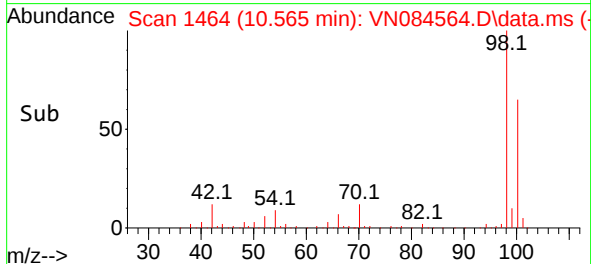
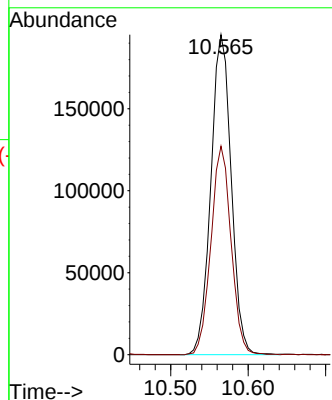
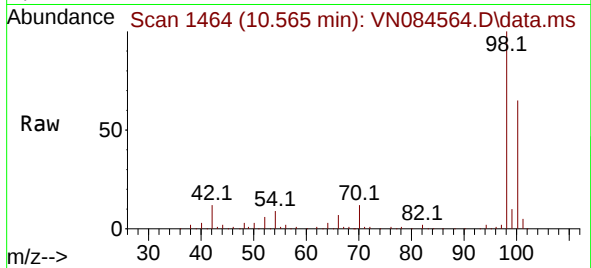




#50
Toluene-d8
Concen: 49.408 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084564.D
Acq: 29 Oct 2024 15:17

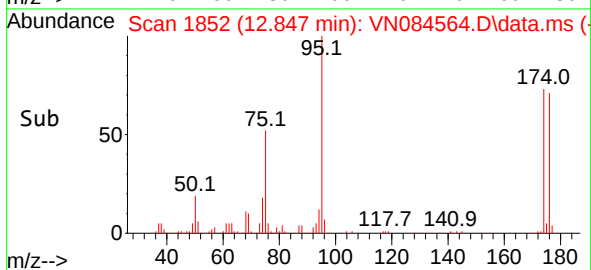
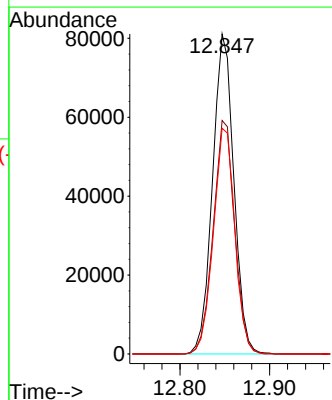
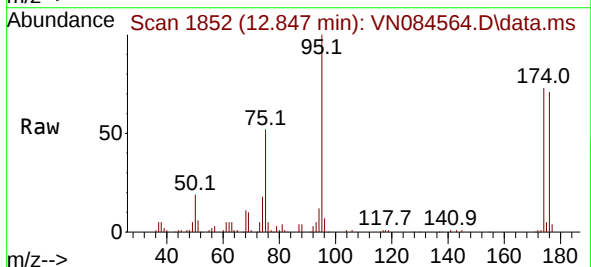
Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-2

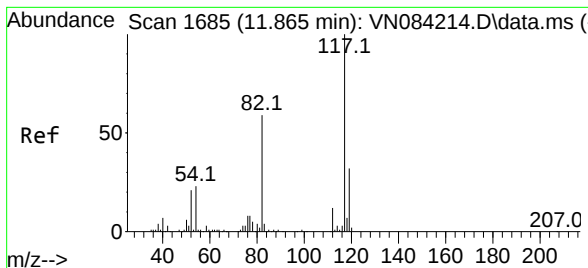
Tgt Ion: 98 Resp: 356512
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 50.722 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084564.D
Acq: 29 Oct 2024 15:17

Tgt Ion: 95 Resp: 133337
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.2
176 71.2 0.0 140.0

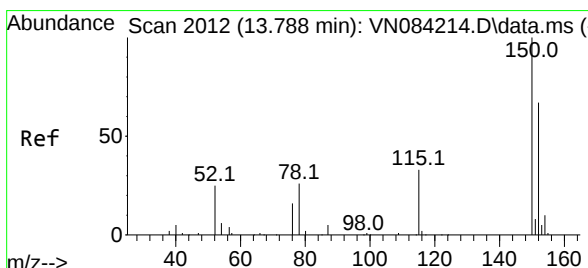
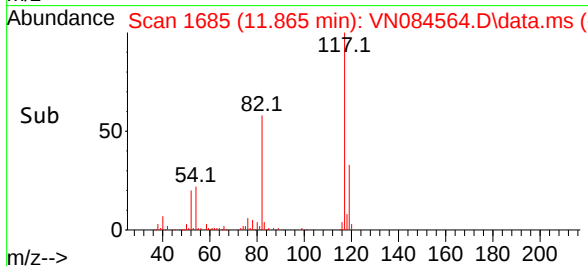
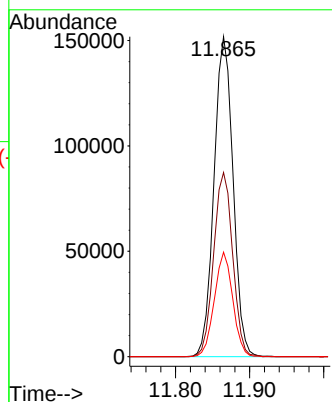
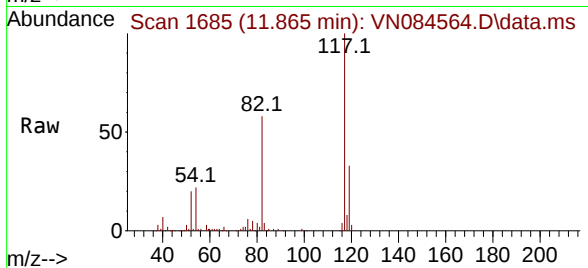




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084564.D
Acq: 29 Oct 2024 15:17

Instrument :
MSVOA_N
ClientSampleId :
GRAVEL-2

Tgt Ion:117 Resp: 270699
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 32.7 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: VN084564.D
Acq: 29 Oct 2024 15:17

Tgt Ion:152 Resp: 118309
Ion Ratio Lower Upper
152 100
115 63.1 31.3 93.9
150 158.2 0.0 349.8

