

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084441.D
 Acq On : 21 Oct 2024 17:17
 Operator : JC\MD
 Sample : P4438-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-158-160

Quant Time: Oct 22 01:38:13 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)

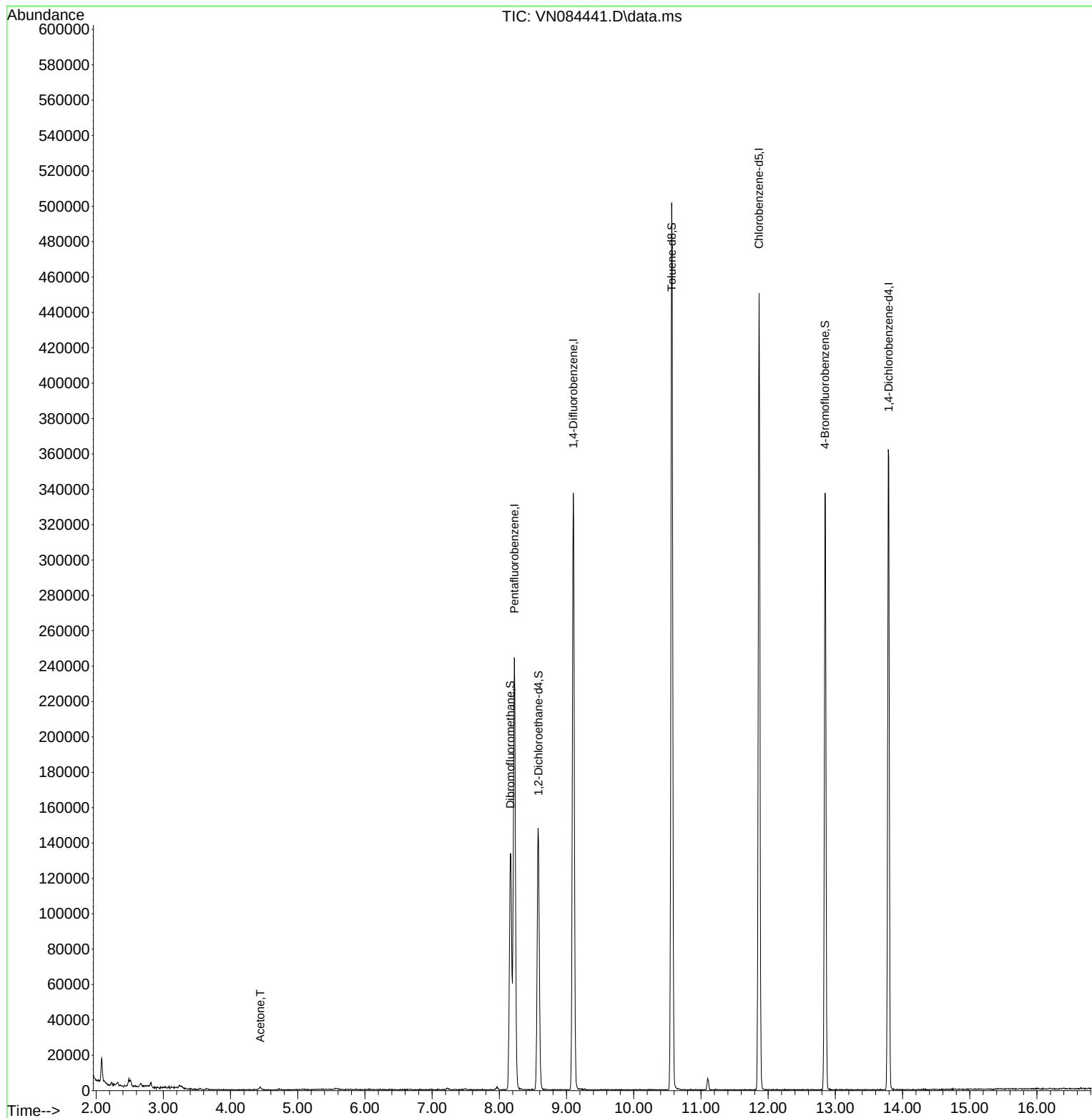
Internal Standards						
1) Pentafluorobenzene	8.224	168	169269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122689	48.885	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.780%
35) Dibromofluoromethane	8.165	113	99468	51.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.840%
50) Toluene-d8	10.565	98	348095	49.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.847	95	118025	45.961	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.920%
Target Compounds						
16) Acetone	4.442	43	2579	2.392	ug/l	Qvalue # 62

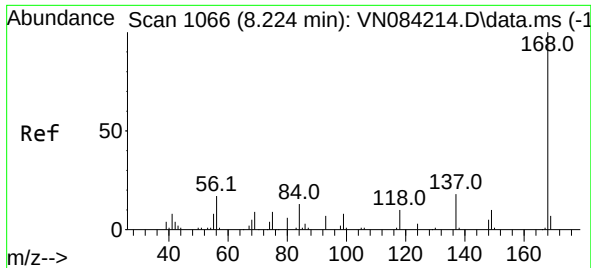
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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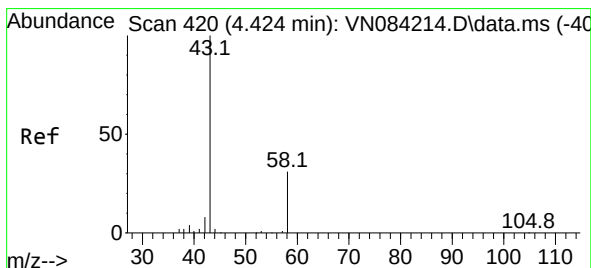
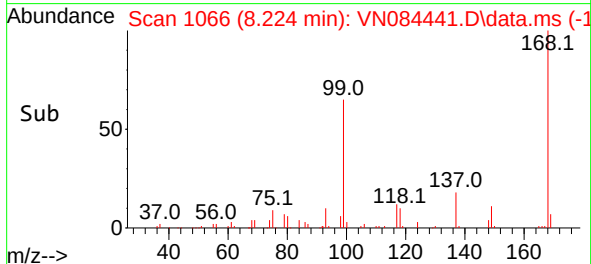
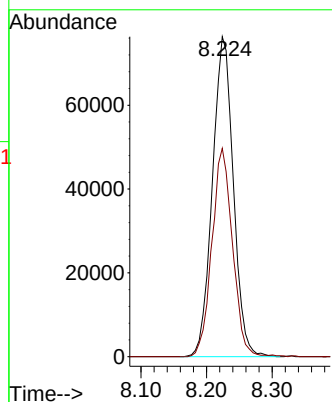
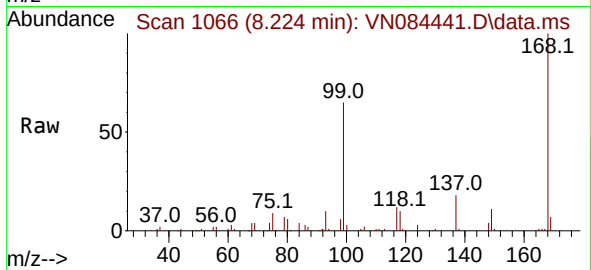




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

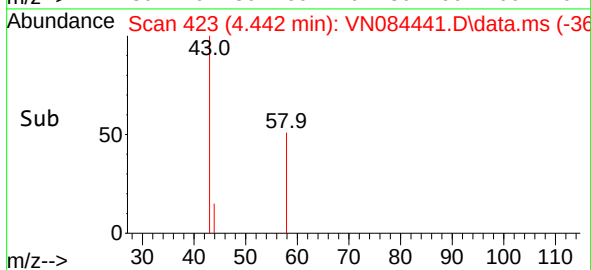
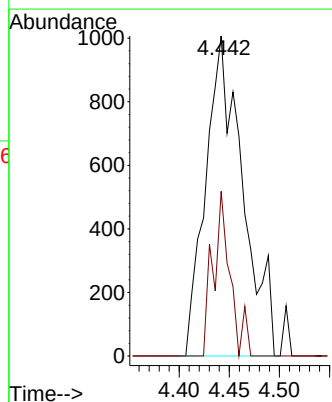
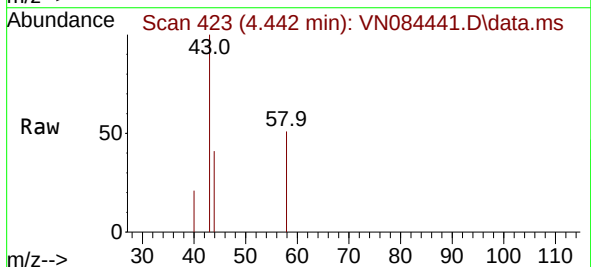
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-158-160

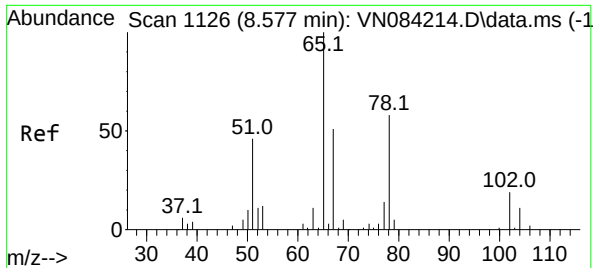
Tgt Ion:168 Resp: 169269
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#16
Acetone
Concen: 2.392 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

Tgt Ion: 43 Resp: 2579
Ion Ratio Lower Upper
43 100
58 51.4 24.4 36.6#

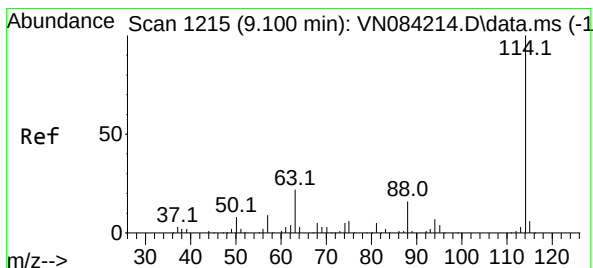
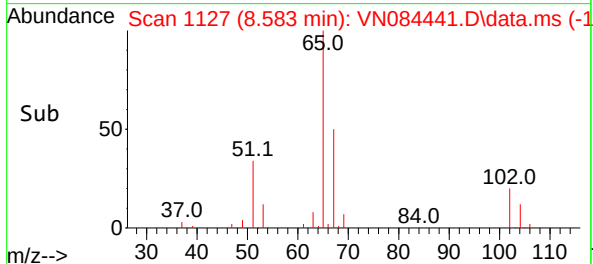
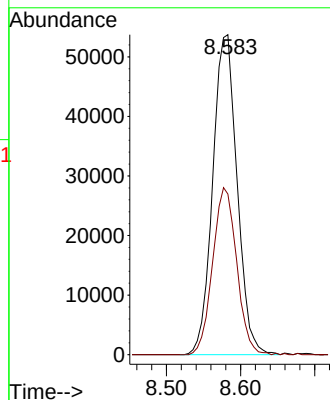
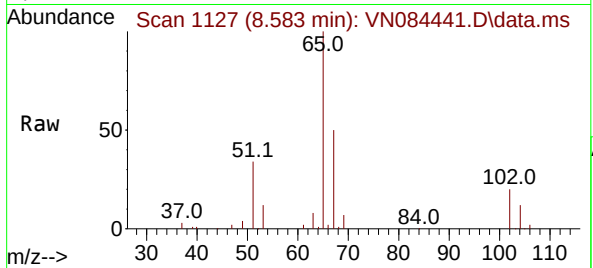




#33
 1,2-Dichloroethane-d4
 Concen: 48.885 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN084441.D
 Acq: 21 Oct 2024 17:17

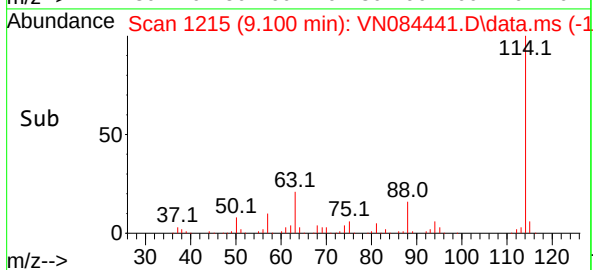
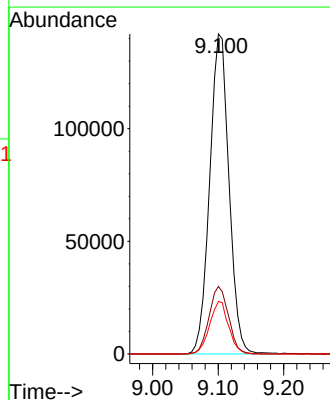
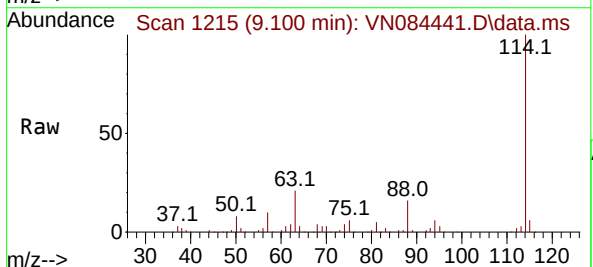
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 BP-VPB-190-GW-158-160

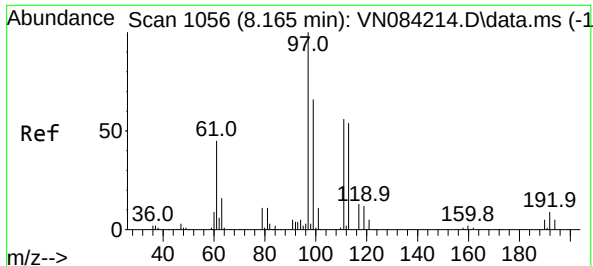
Tgt Ion: 65 Resp: 122689
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084441.D
 Acq: 21 Oct 2024 17:17

Tgt Ion: 114 Resp: 290609
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.918 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084441.D

Acq: 21 Oct 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-158-160

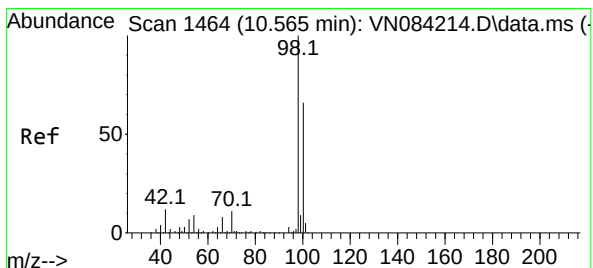
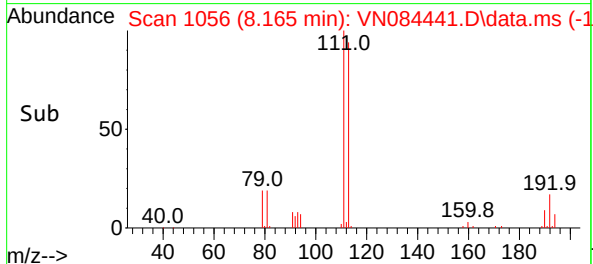
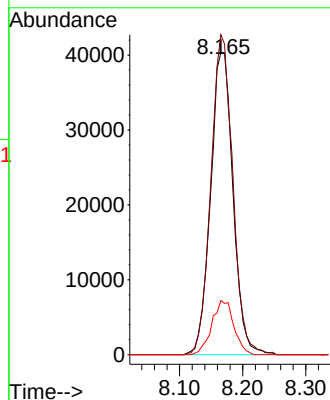
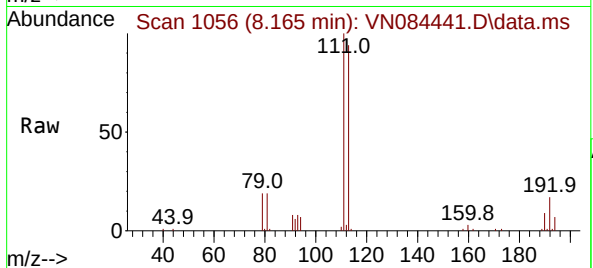
Tgt Ion:113 Resp: 99468

Ion Ratio Lower Upper

113 100

111 103.4 83.3 124.9

192 17.6 13.5 20.3



#50

Toluene-d8

Concen: 49.384 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084441.D

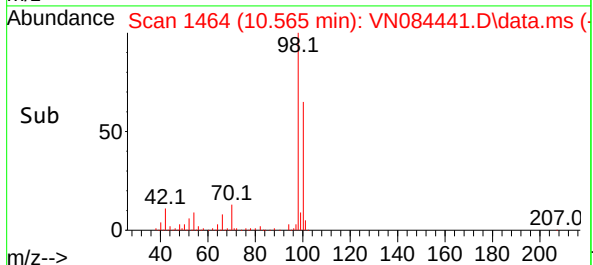
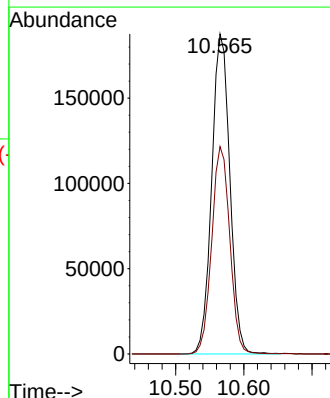
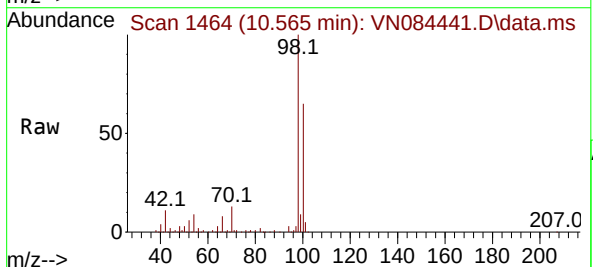
Acq: 21 Oct 2024 17:17

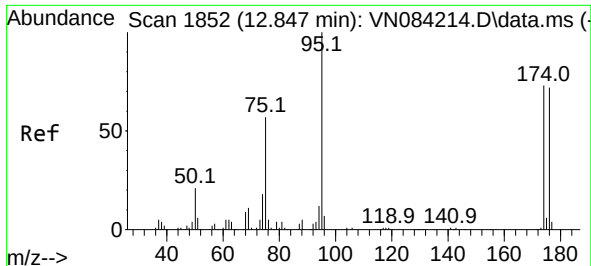
Tgt Ion: 98 Resp: 348095

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1

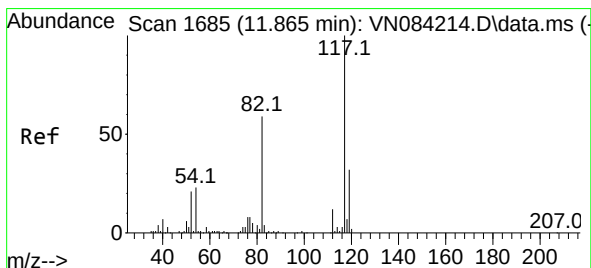
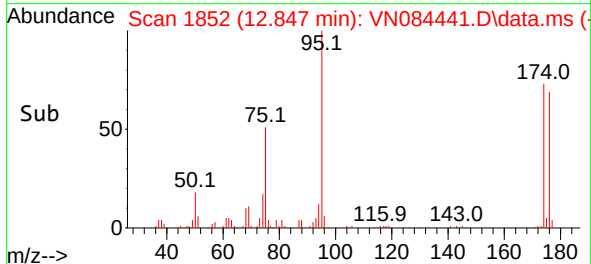
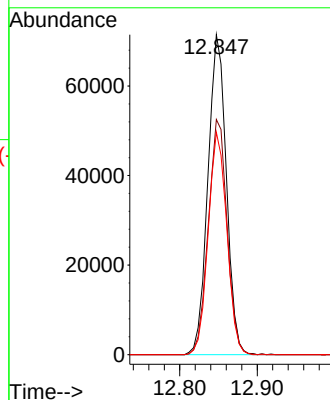
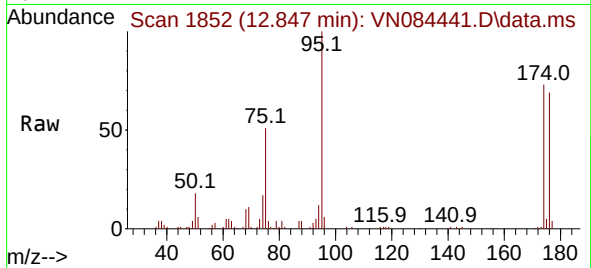




#62
4-Bromofluorobenzene
Concen: 45.961 ug/l
RT: 12.847 min Scan# 118025
Delta R.T. 0.000 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

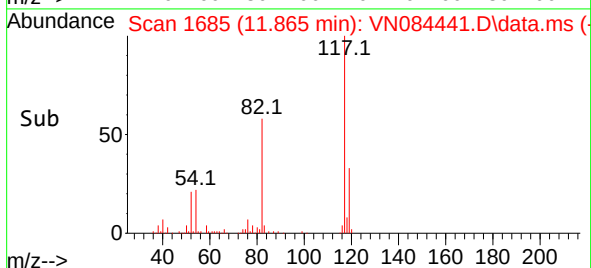
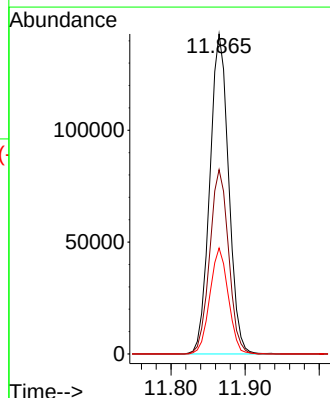
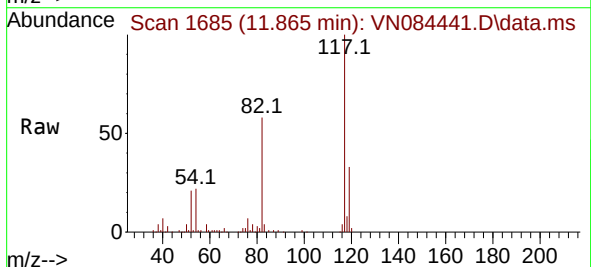
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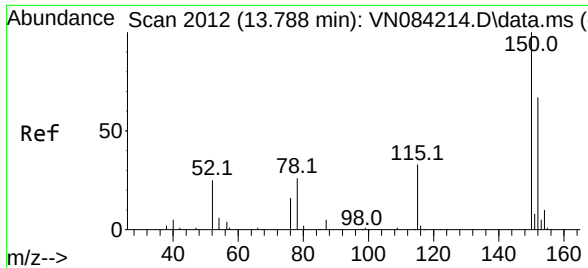
Tgt Ion: 95 Resp: 118025
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 70.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

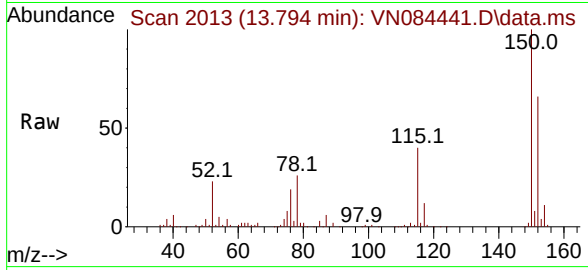
Tgt Ion: 117 Resp: 252156
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 33.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084441.D
 Acq: 21 Oct 2024 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-158-160



Tgt Ion:152 Resp: 98336
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.3 93.9
 150 159.2 0.0 349.8

