

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084442.D
 Acq On : 21 Oct 2024 17:40
 Operator : JC\MD
 Sample : P4438-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-198-200

Quant Time: Oct 22 01:38:44 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)

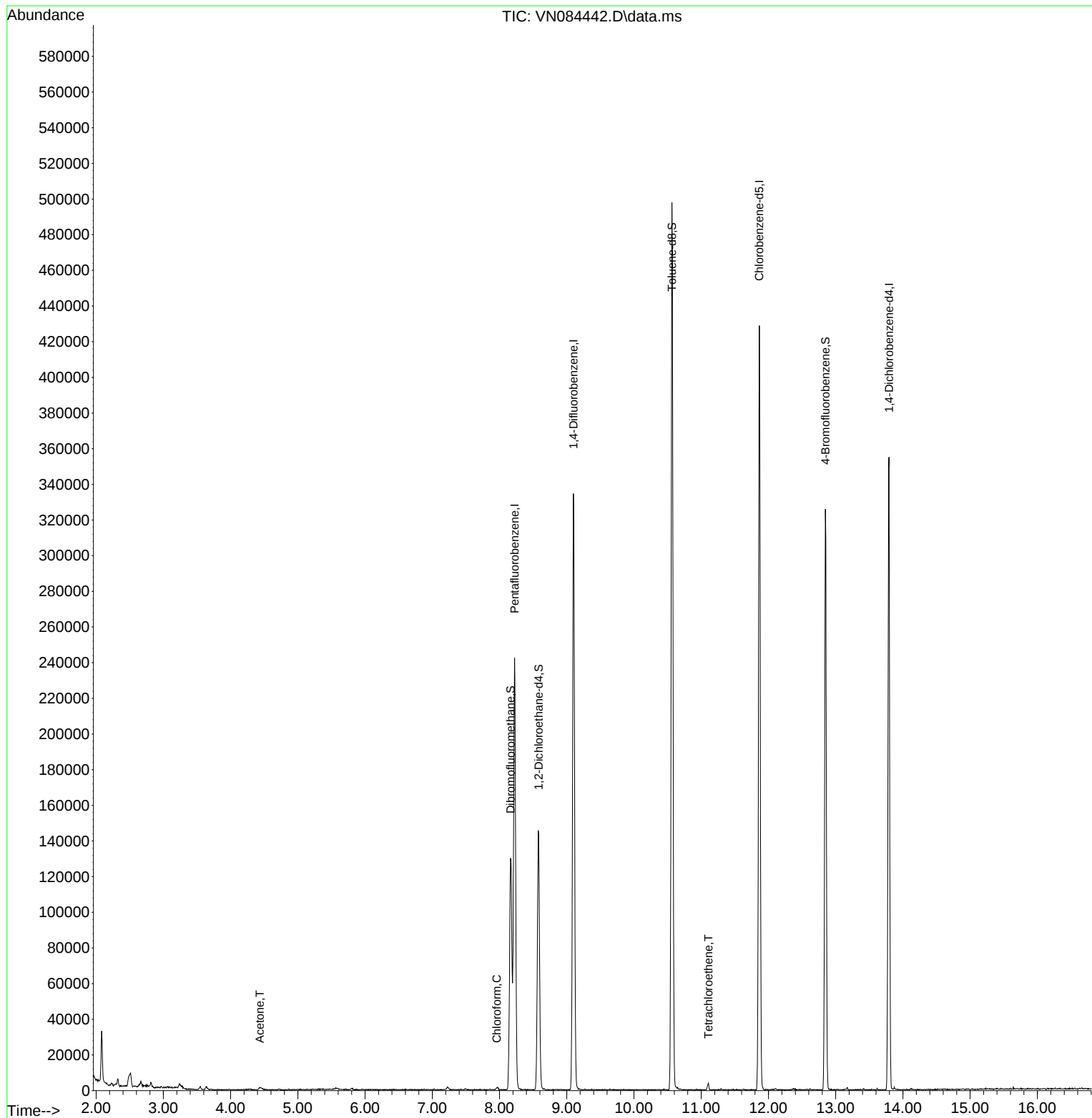
Internal Standards						
1) Pentafluorobenzene	8.224	168	167949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118526	47.598	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.200%
35) Dibromofluoromethane	8.165	113	97274	51.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	10.565	98	345899	49.423	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.847	95	114060	44.734	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.460%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	2703	2.527	ug/l	100
30) Chloroform	7.959	83	1413	0.358	ug/l #	73
64) Tetrachloroethene	11.106	164	872	0.512	ug/l #	73

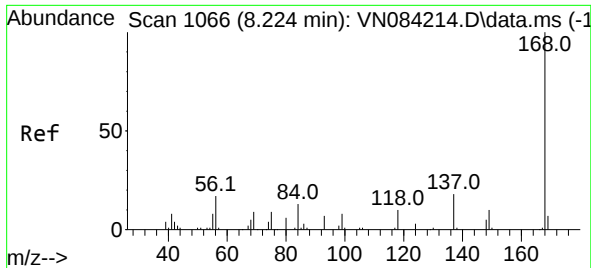
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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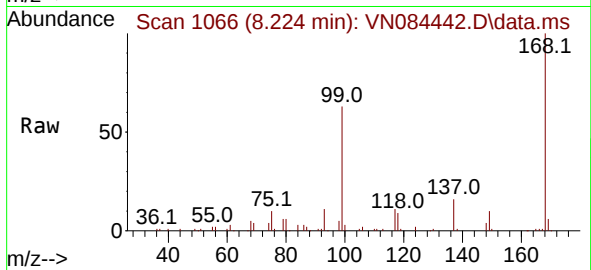
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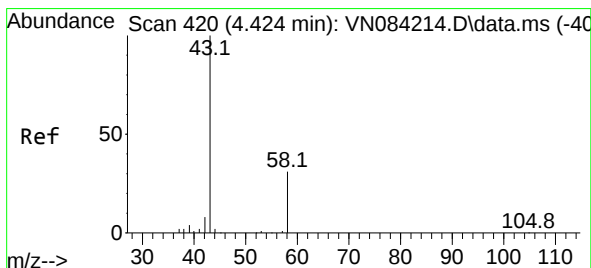
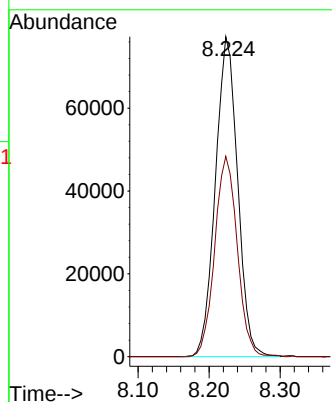
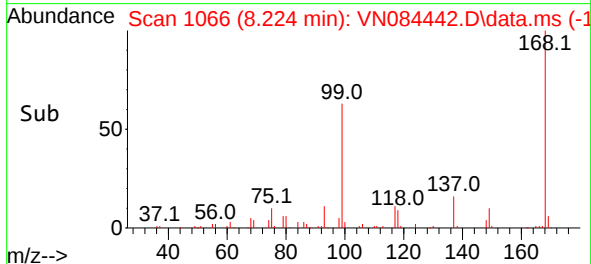


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-198-200

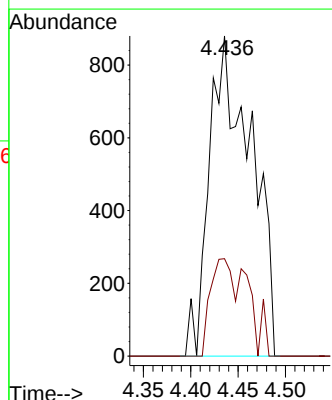
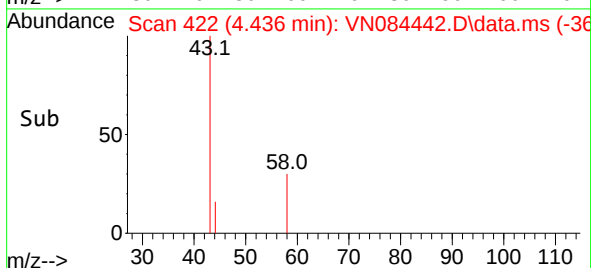
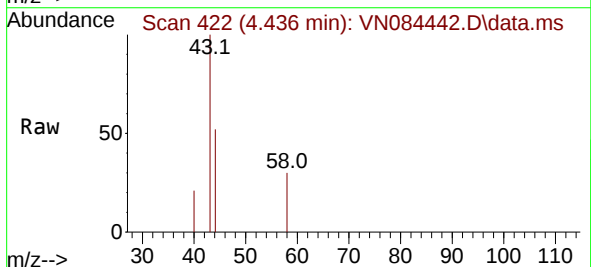


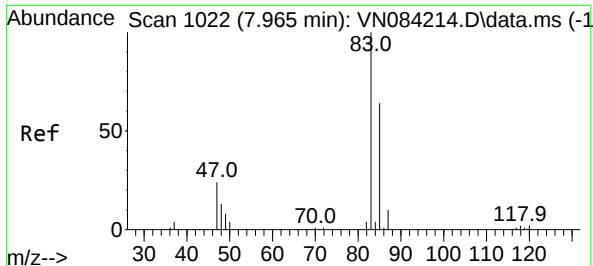
Tgt Ion:168 Resp: 167949
Ion Ratio Lower Upper
168 100
99 62.6 54.2 81.2



#16
Acetone
Concen: 2.527 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Tgt Ion: 43 Resp: 2703
Ion Ratio Lower Upper
43 100
58 30.5 24.4 36.6





#30

Chloroform

Concen: 0.358 ug/l

RT: 7.959 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN084442.D

Acq: 21 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

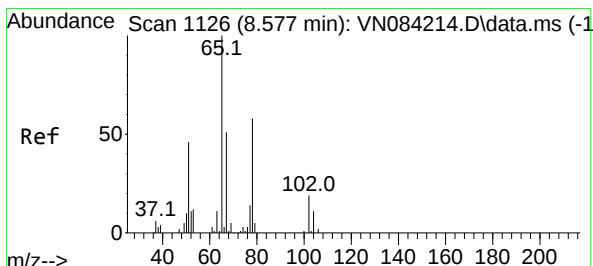
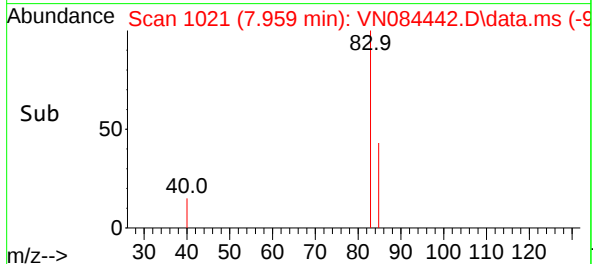
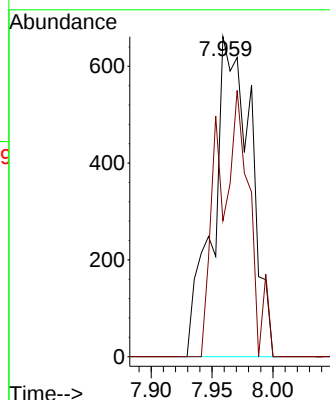
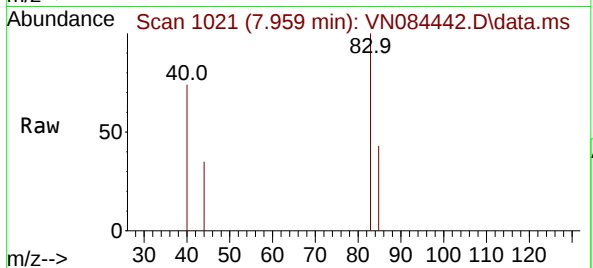
BP-VPB-190-GW-198-200

Tgt Ion: 83 Resp: 1413

Ion Ratio Lower Upper

83 100

85 42.5 51.0 76.4#



#33

1,2-Dichloroethane-d4

Concen: 47.598 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084442.D

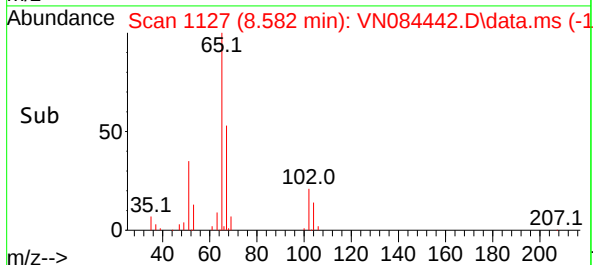
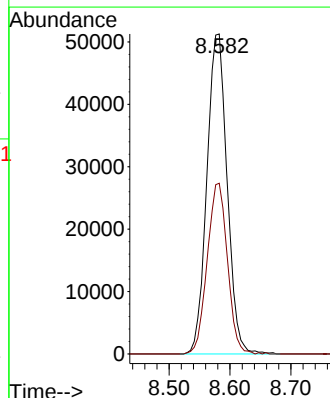
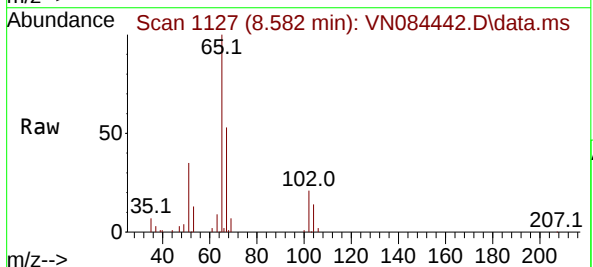
Acq: 21 Oct 2024 17:40

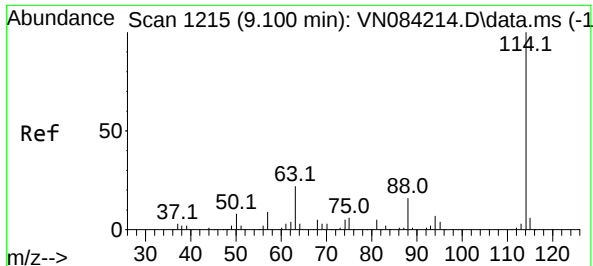
Tgt Ion: 65 Resp: 118526

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084442.D

Acq: 21 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-198-200

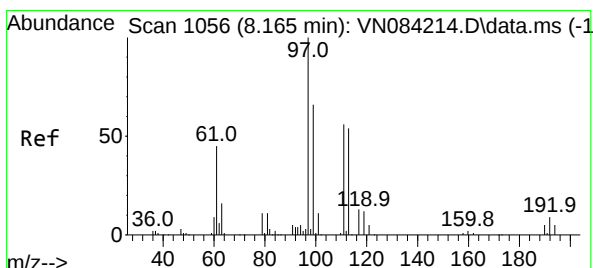
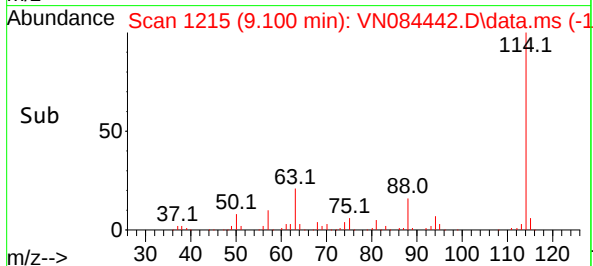
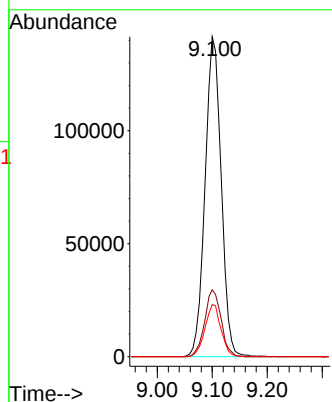
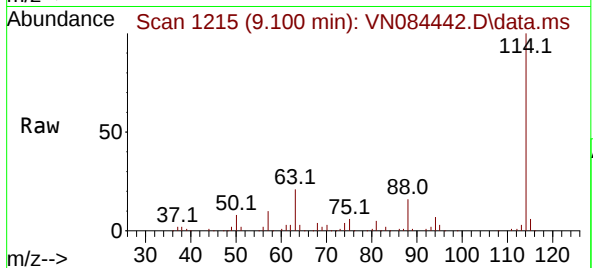
Tgt Ion:114 Resp: 288550

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 16.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.135 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084442.D

Acq: 21 Oct 2024 17:40

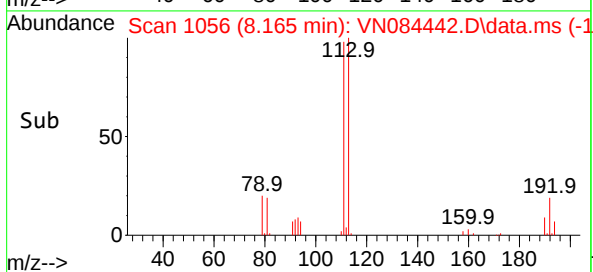
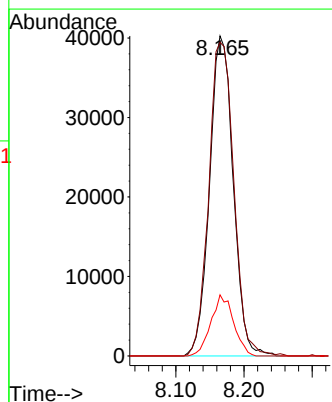
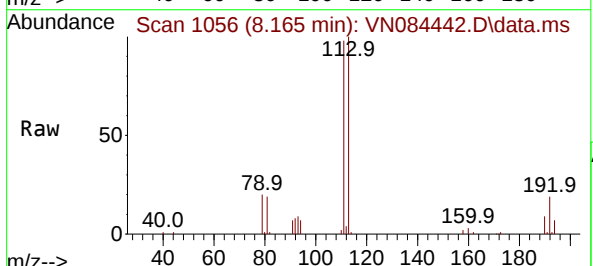
Tgt Ion:113 Resp: 97274

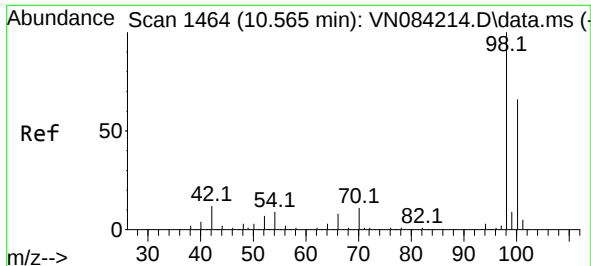
Ion Ratio Lower Upper

113 100

111 103.5 83.3 124.9

192 18.3 13.5 20.3

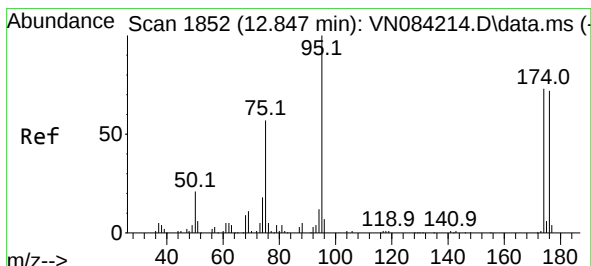
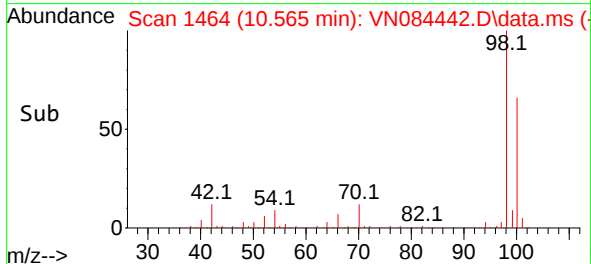
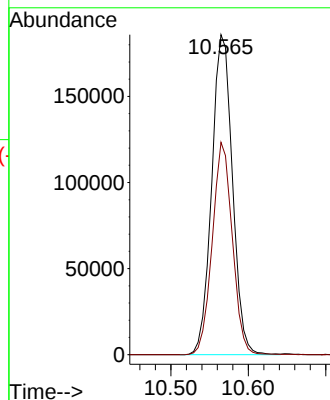
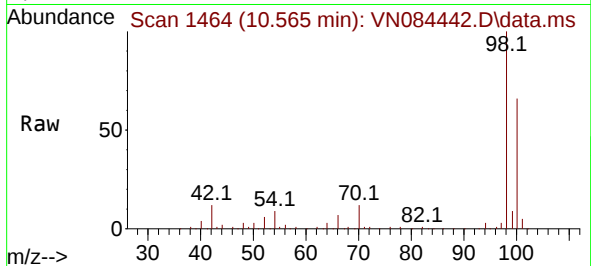




#50
Toluene-d8
Concen: 49.423 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

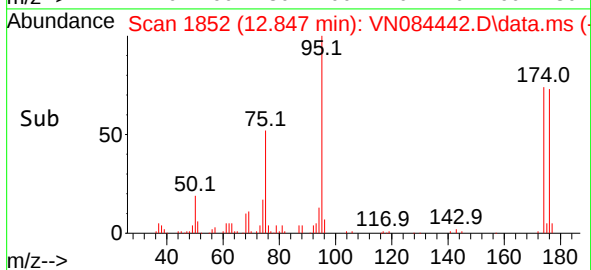
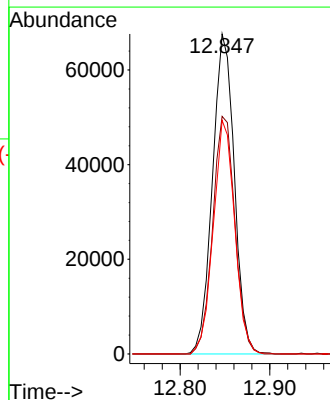
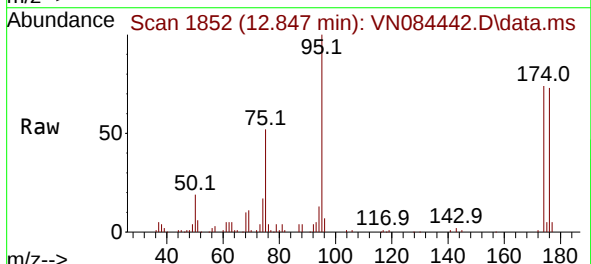
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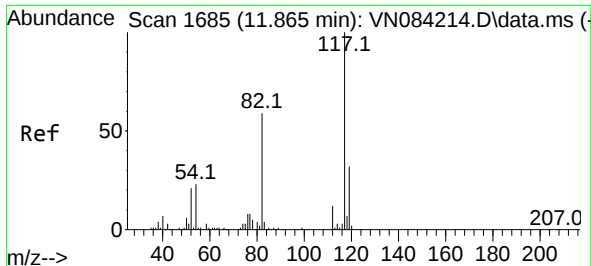
Tgt Ion: 98 Resp: 345899
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.734 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Tgt Ion: 95 Resp: 114060
Ion Ratio Lower Upper
95 100
174 75.8 0.0 145.2
176 71.8 0.0 140.0

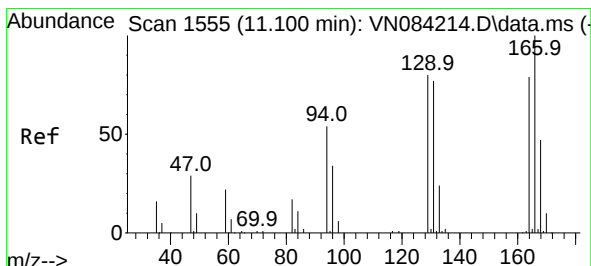
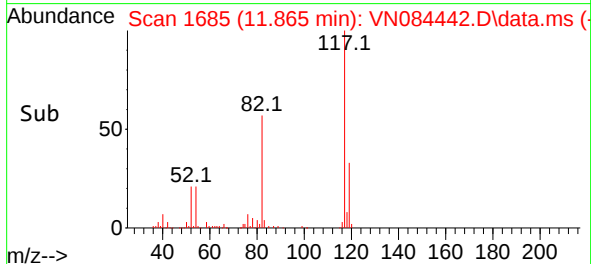
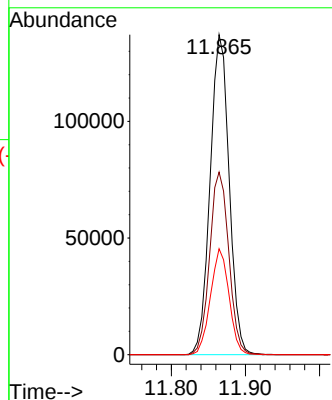
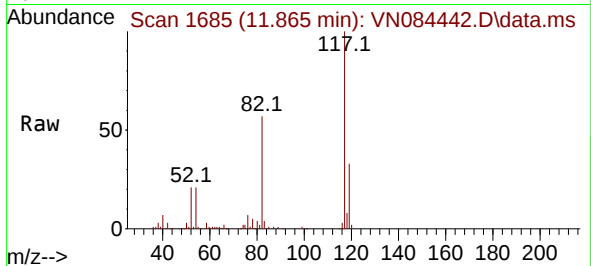




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

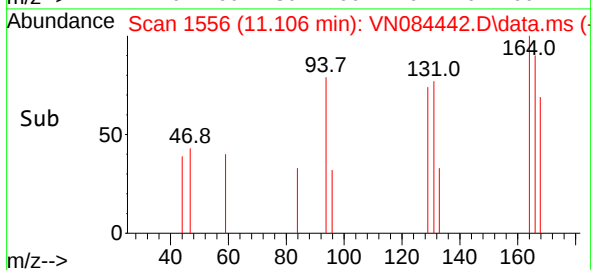
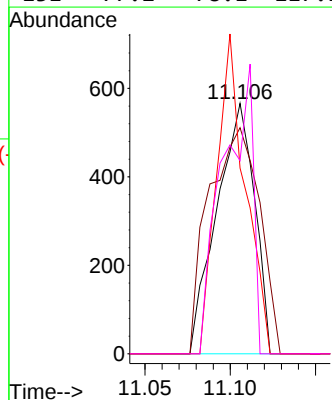
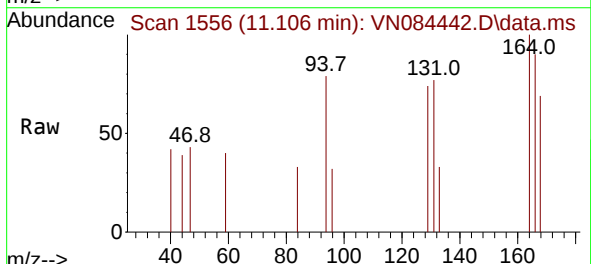
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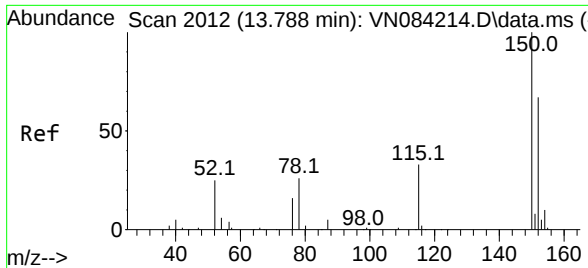
Tgt Ion:117 Resp: 244682
Ion Ratio Lower Upper
117 100
82 57.1 47.2 70.8
119 33.1 25.4 38.0



#64
Tetrachloroethene
Concen: 0.512 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

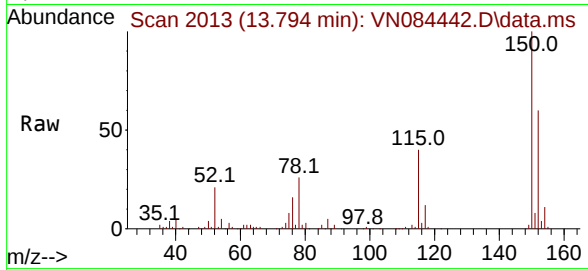
Tgt Ion:164 Resp: 872
Ion Ratio Lower Upper
164 100
166 90.3 101.0 151.4#
129 74.2 80.8 121.2#
131 77.2 78.1 117.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-198-200



Tgt Ion:152 Resp: 95771
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.9
150 160.4 0.0 349.8

