

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082844.D
 Acq On : 09 Jul 2024 17:10
 Operator : JC\MD
 Sample : P3173-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-778-780

Quant Time: Jul 10 01:23:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

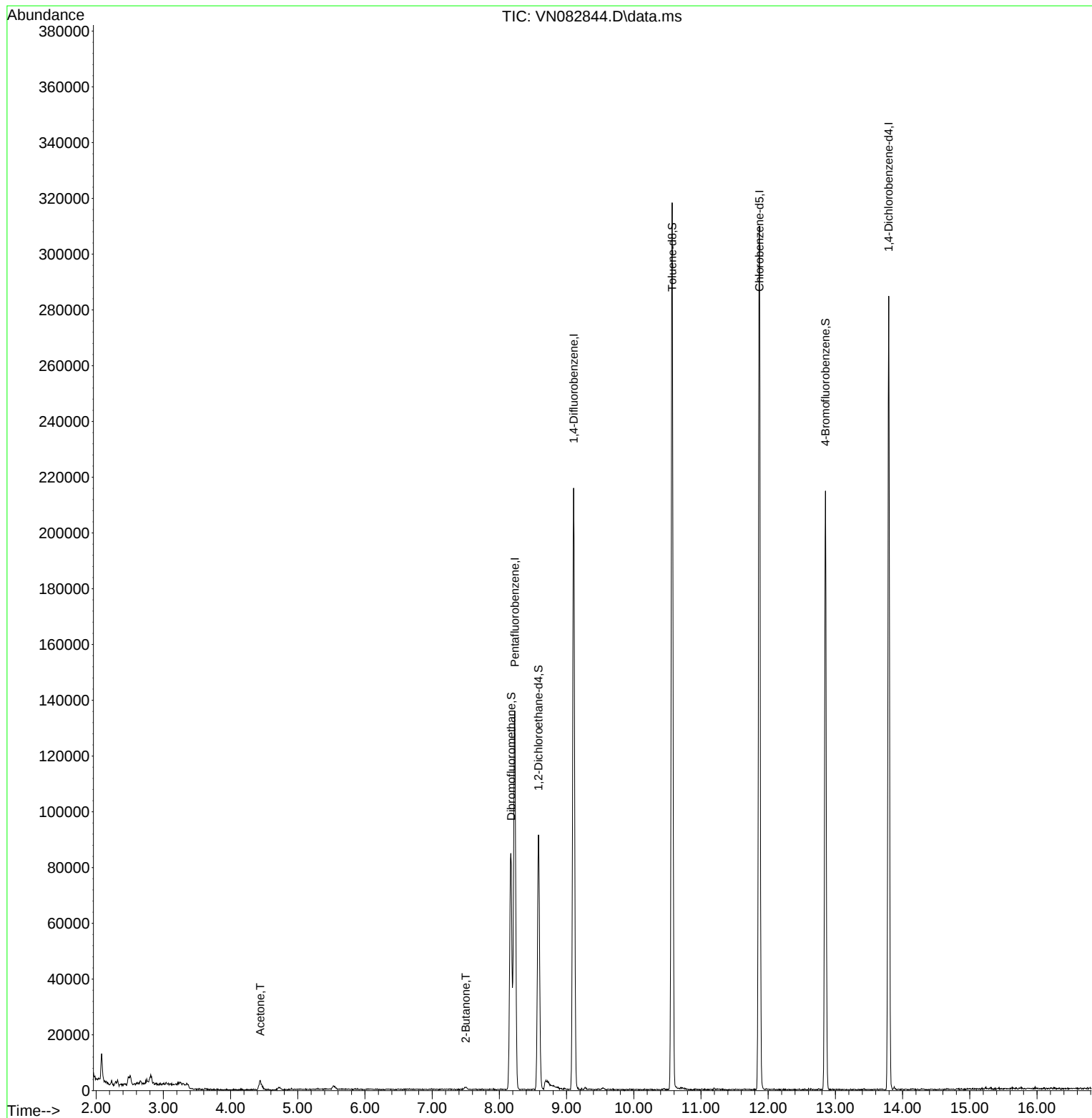
Internal Standards						
1) Pentafluorobenzene	8.230	168	94427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	178497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	175984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76040	57.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.900%
35) Dibromofluoromethane	8.177	113	61222	53.452	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.900%
50) Toluene-d8	10.571	98	210261	49.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.853	95	69626	45.819	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.640%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	6710	14.398	ug/l #	88
25) 2-Butanone	7.500	43	1644	2.336	ug/l #	80

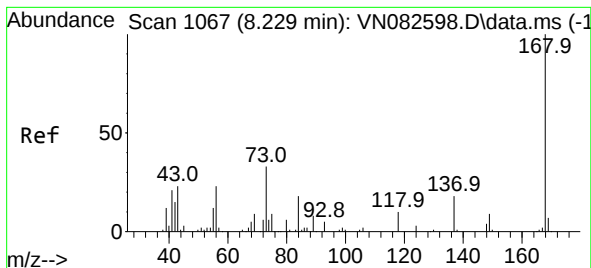
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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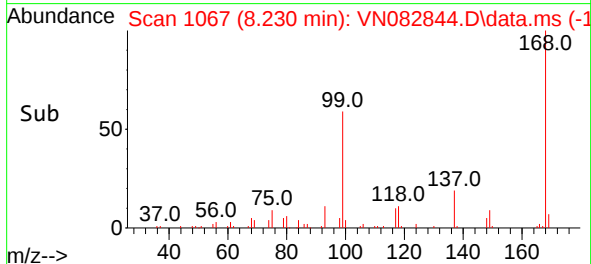
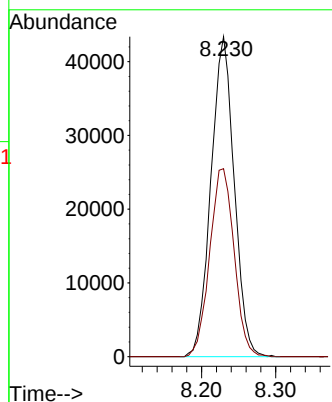
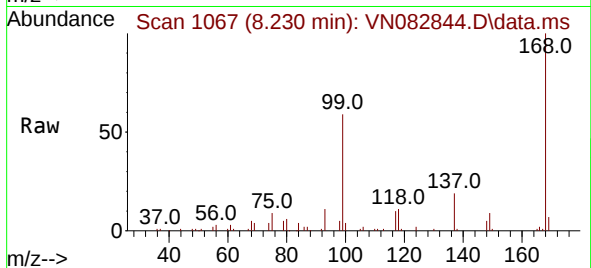




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

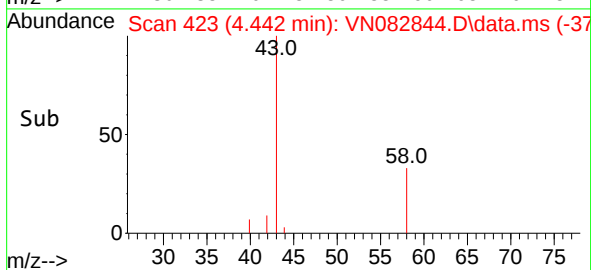
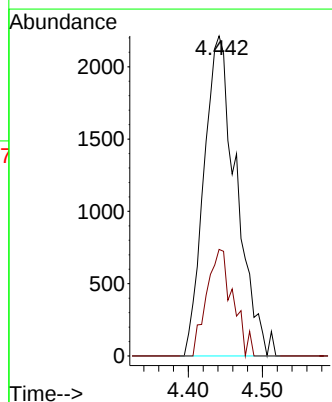
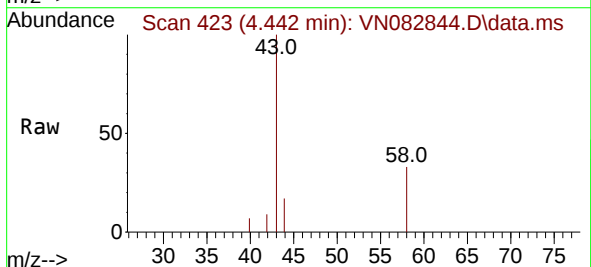
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-778-780

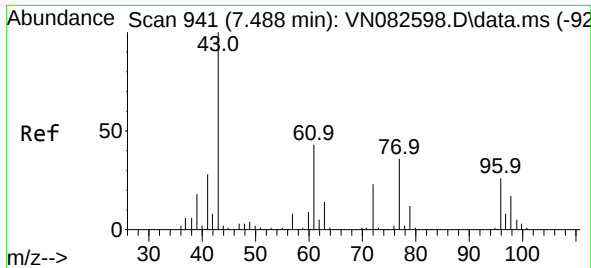
Tgt Ion:168 Resp: 94427
Ion Ratio Lower Upper
168 100
99 58.7 48.2 72.4



#16
Acetone
Concen: 14.398 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Tgt Ion: 43 Resp: 6710
Ion Ratio Lower Upper
43 100
58 33.3 21.8 32.6#

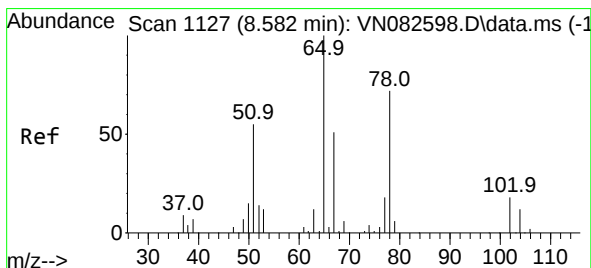
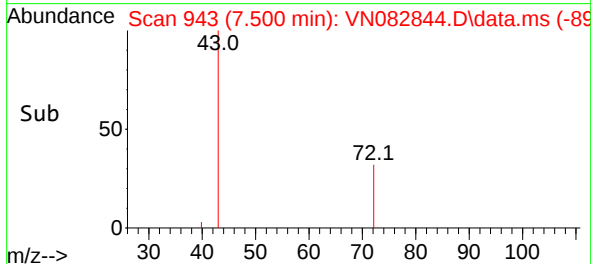
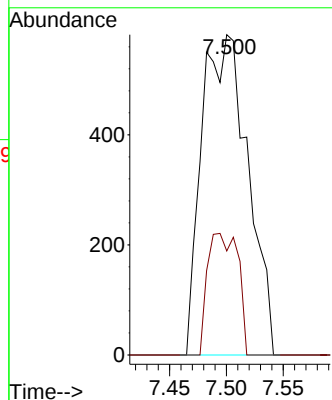
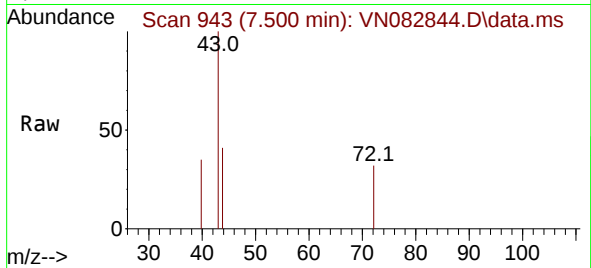




#25
2-Butanone
Concen: 2.336 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

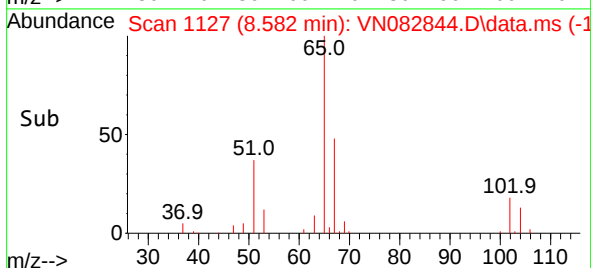
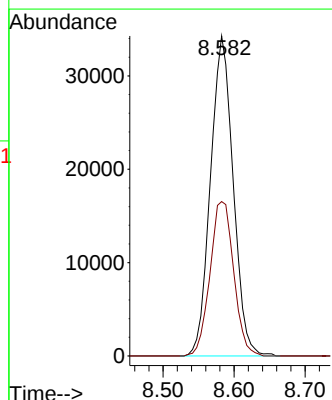
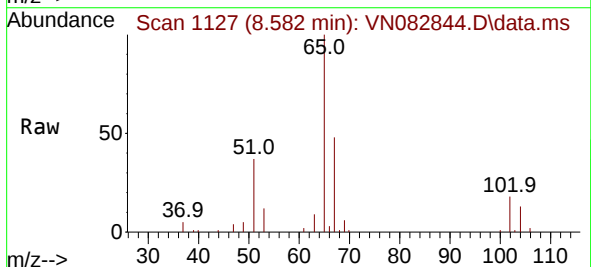
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-778-780

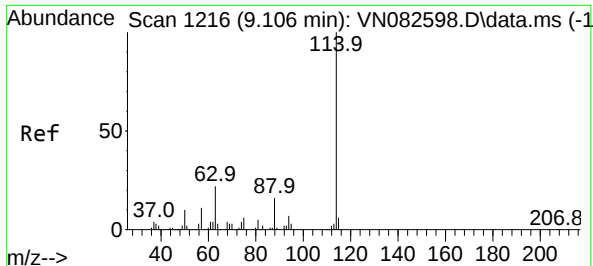
Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
72 32.5 18.2 27.2#



#33
1,2-Dichloroethane-d4
Concen: 57.446 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Tgt Ion: 65 Resp: 76040
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082844.D

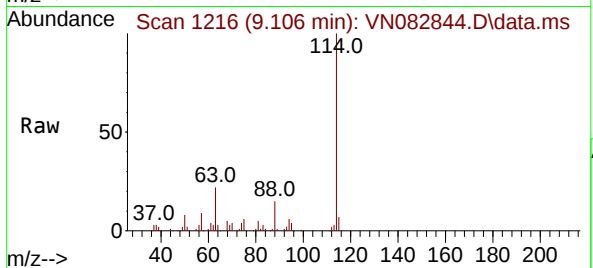
Acq: 09 Jul 2024 17:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-778-780



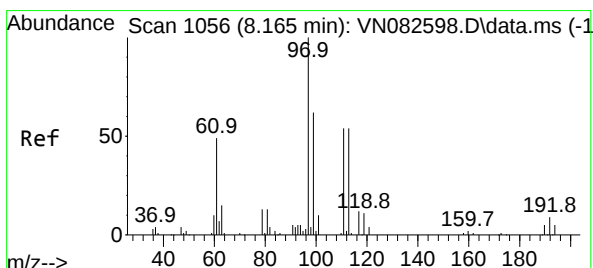
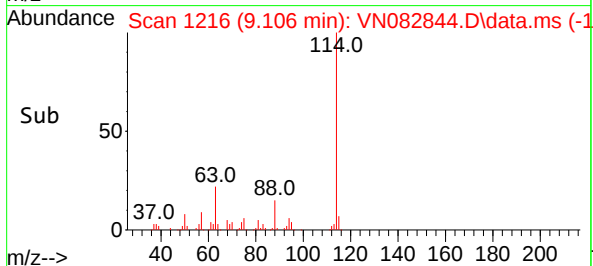
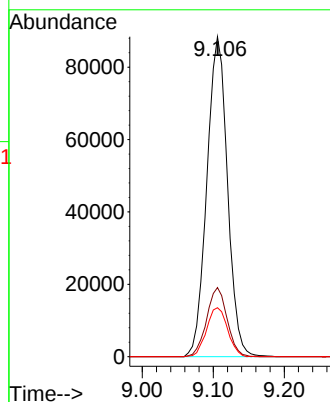
Tgt Ion:114 Resp: 178497

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 15.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.452 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.012 min

Lab File: VN082844.D

Acq: 09 Jul 2024 17:10

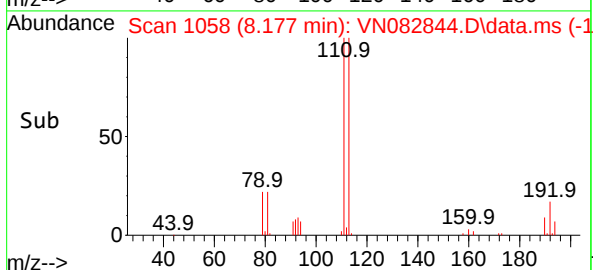
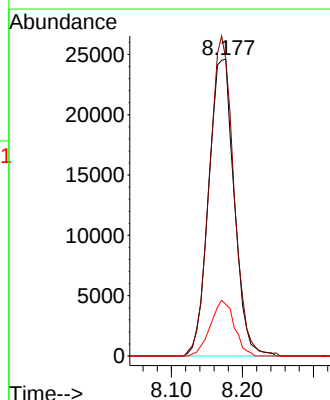
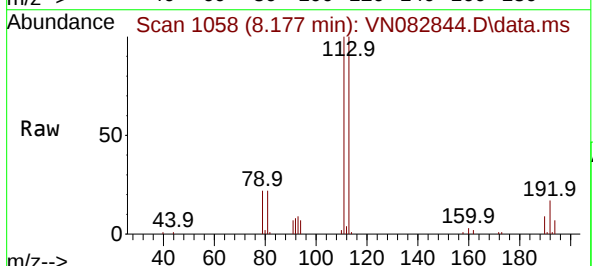
Tgt Ion:113 Resp: 61222

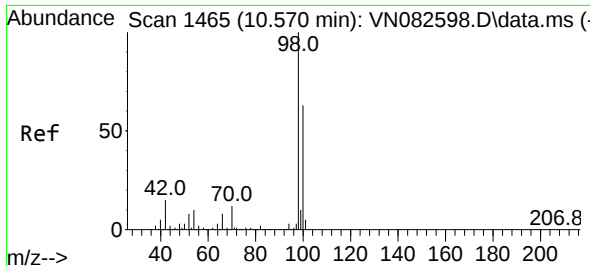
Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 17.6 14.9 22.3

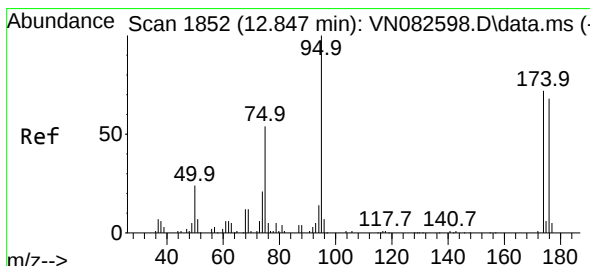
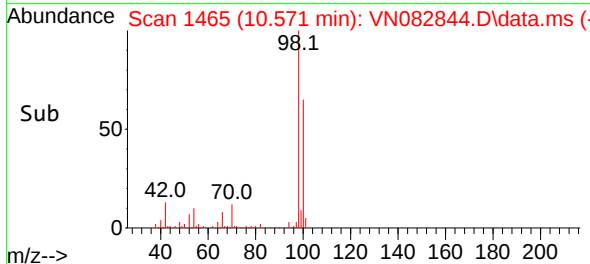
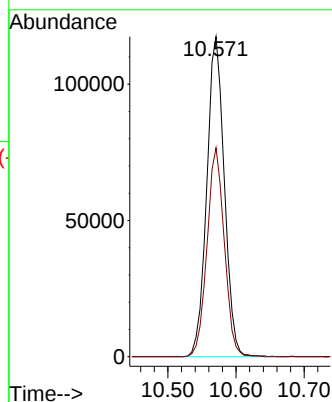
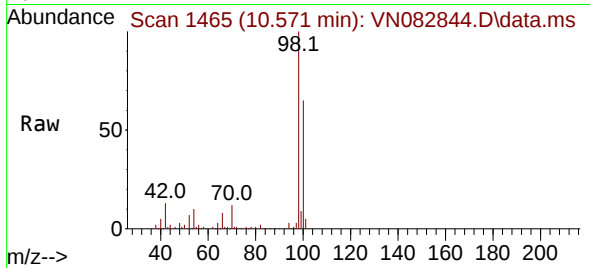




#50
Toluene-d8
Concen: 49.702 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

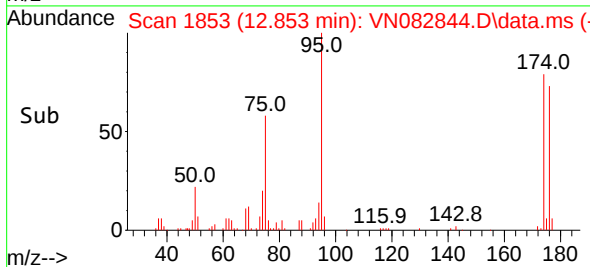
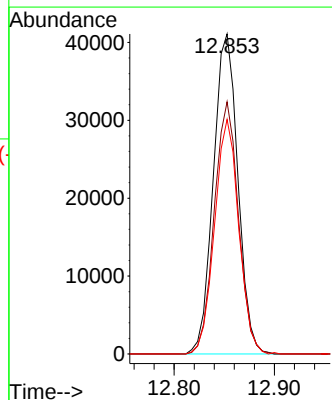
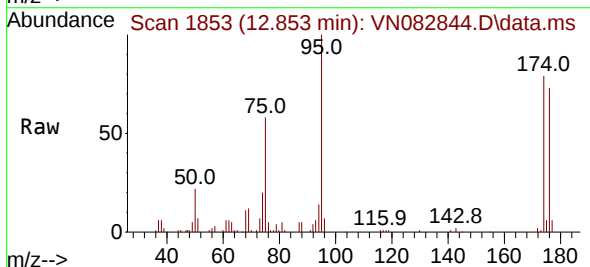
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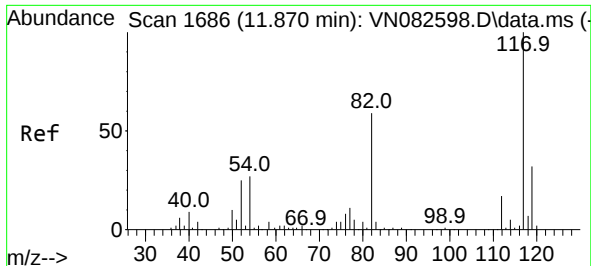
Tgt Ion: 98 Resp: 210261
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.819 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Tgt Ion: 95 Resp: 69626
Ion Ratio Lower Upper
95 100
174 77.6 0.0 159.2
176 72.5 0.0 147.6

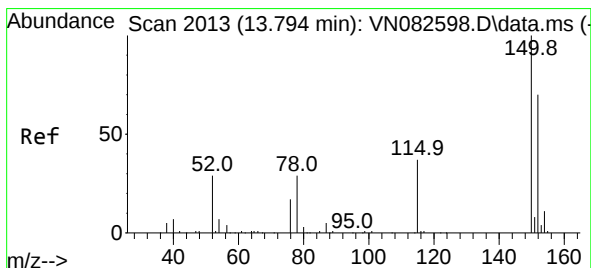
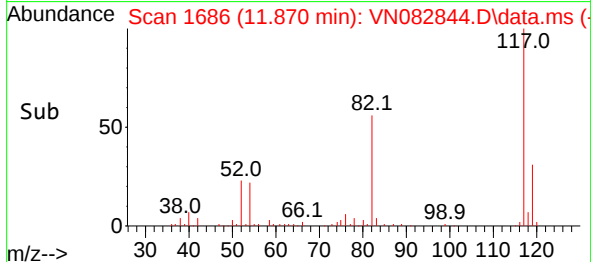
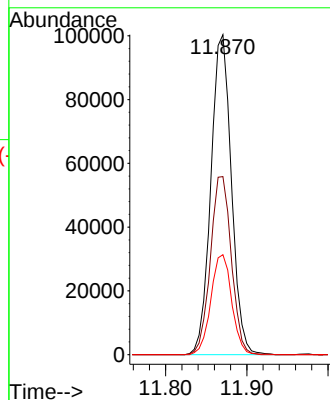
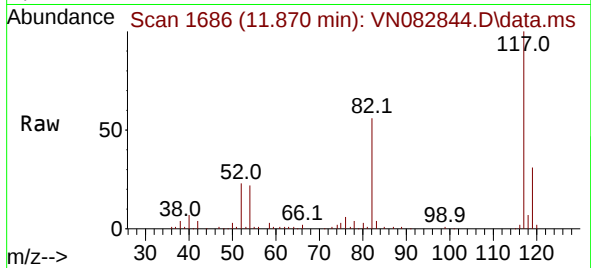




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Instrument :
MSVOA_N
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BP-VPB-189-GW-778-780

Tgt Ion:117 Resp: 175984
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Tgt Ion:152 Resp: 72017
Ion Ratio Lower Upper
152 100
115 62.2 30.6 91.6
150 159.6 0.0 348.6

