

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076348.D
 Acq On : 20 Jan 2023 15:26
 Operator : JC\MD
 Sample : 01233-12RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01RE

Quant Time: Jan 20 22:16:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

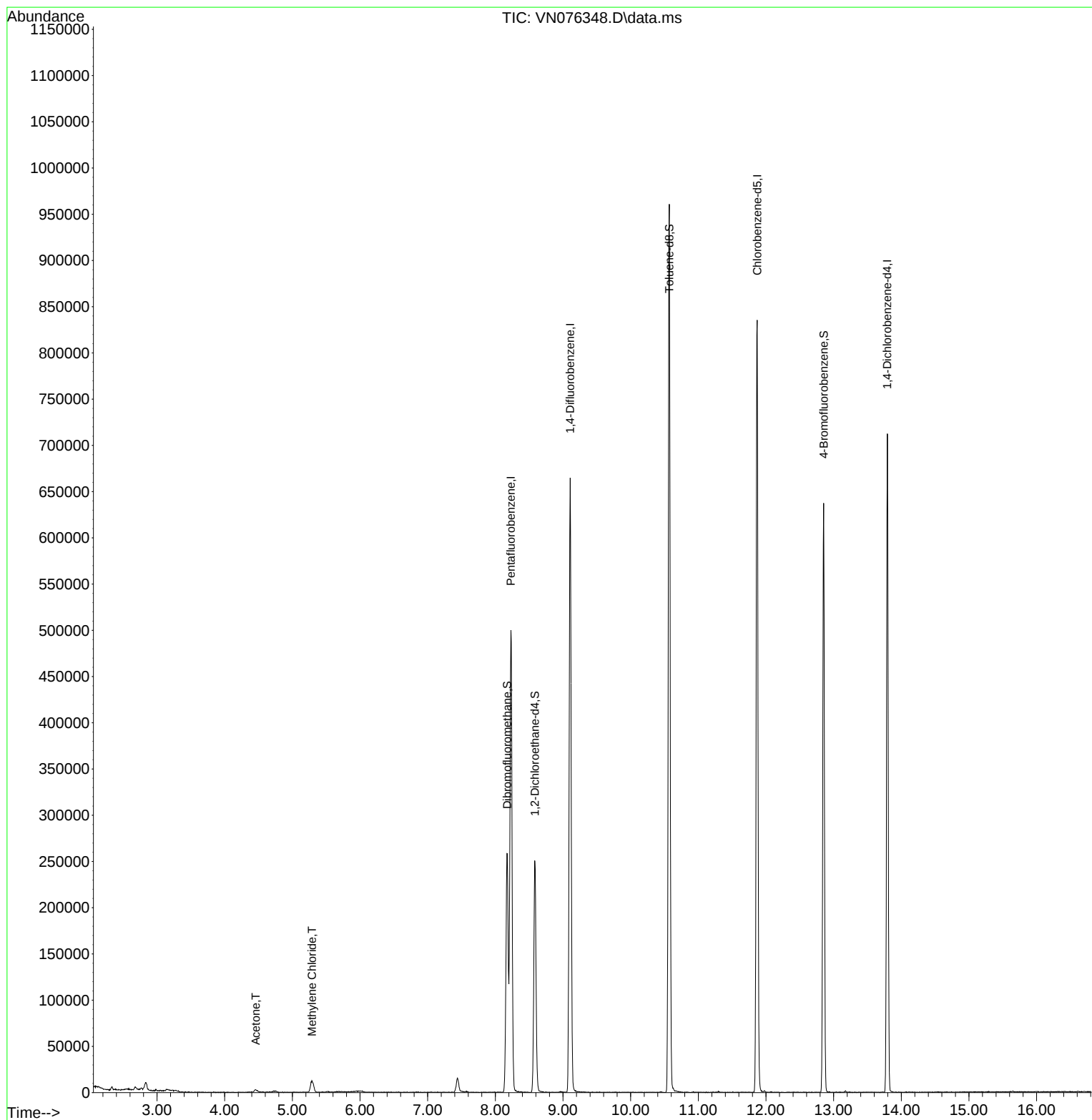
Internal Standards						
1) Pentafluorobenzene	8.230	168	382643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	610377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	521259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206927	48.298	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.600%		
35) Dibromofluoromethane	8.177	113	184326	48.276	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	10.571	98	694768	49.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.853	95	208192	45.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.460%		
Target Compounds						
16) Acetone	4.459	43	5325	3.805	ug/l	93
20) Methylene Chloride	5.289	84	11468	2.246	ug/l	98

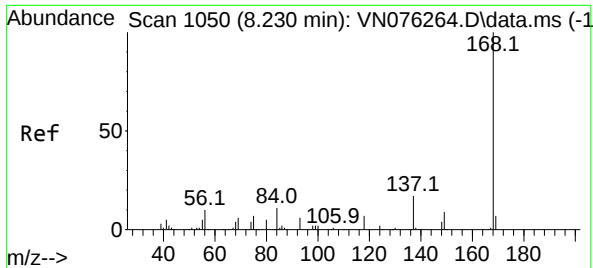
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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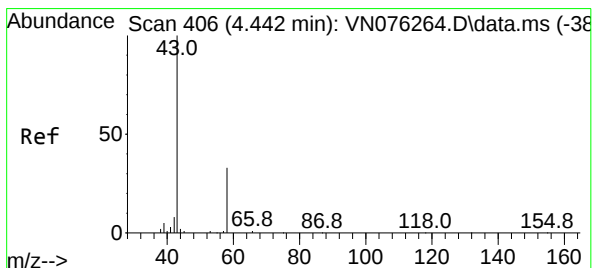
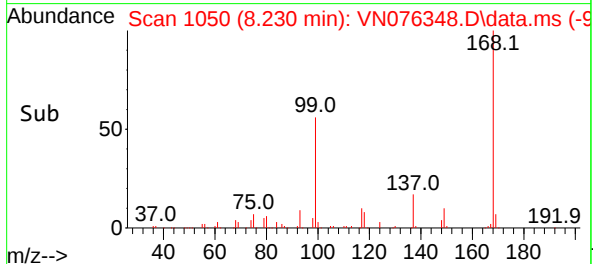
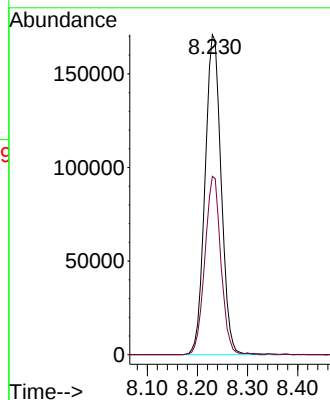
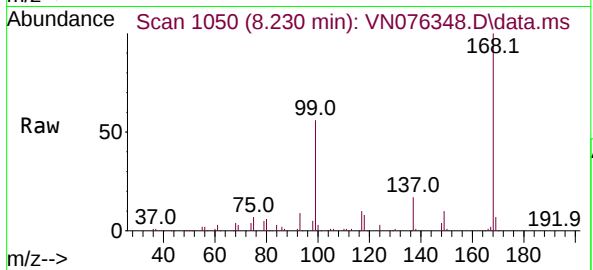




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

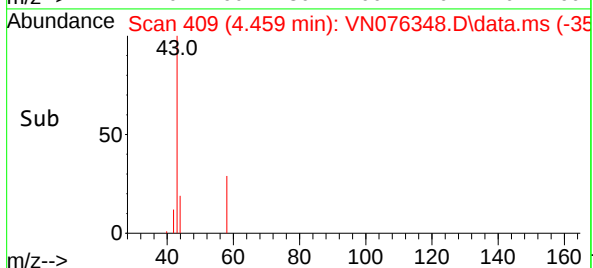
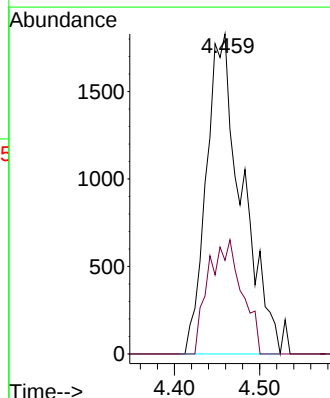
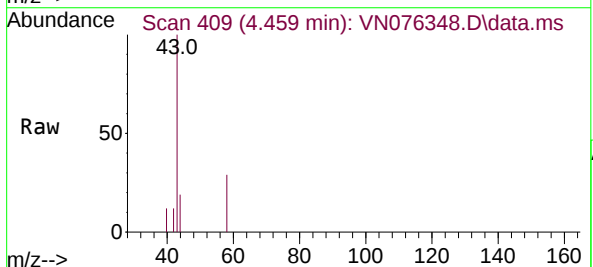
Instrument :
MSVOA_N
ClientSampleId :
FB01RE

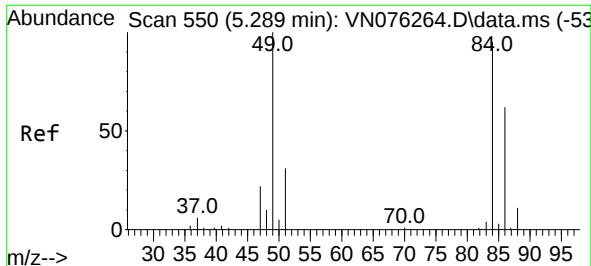
Tgt Ion:168 Resp: 382643
Ion Ratio Lower Upper
168 100
99 55.8 41.6 62.4



#16
Acetone
Concen: 3.805 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 43 Resp: 5325
Ion Ratio Lower Upper
43 100
58 29.3 26.7 40.1

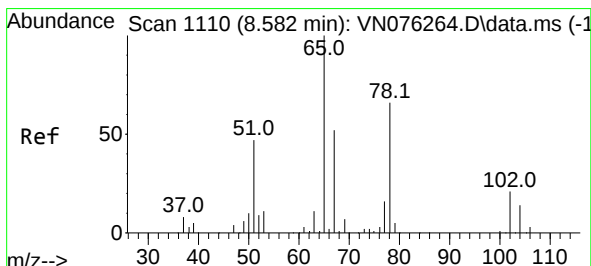
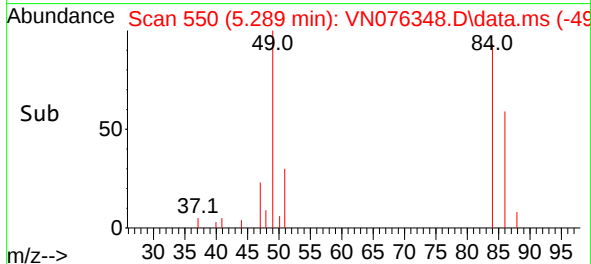
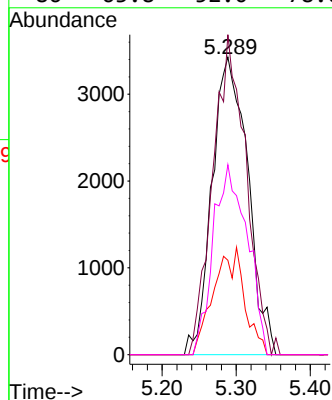
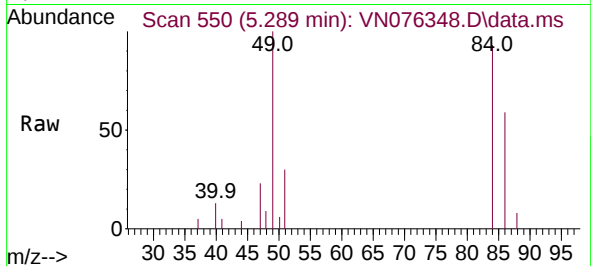




#20
Methylene Chloride
Concen: 2.246 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

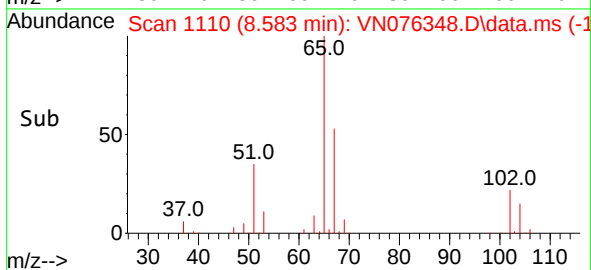
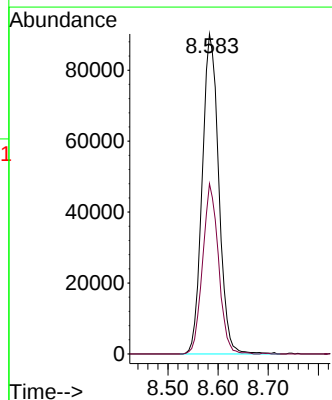
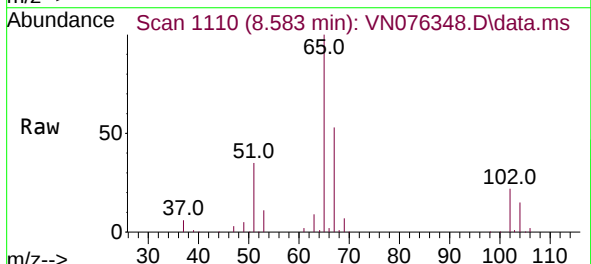
Instrument :
MSVOA_N
ClientSampleId :
FB01RE

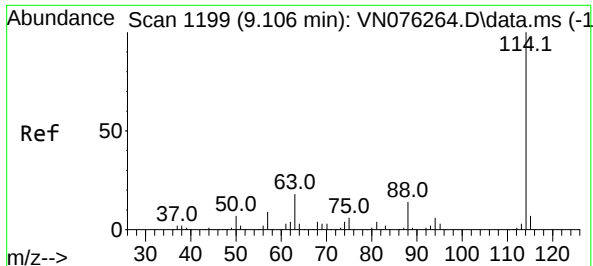
Tgt Ion: 84	Resp: 11468
Ion Ratio	Lower Upper
84 100	
49 107.5	84.5 126.7
51 31.7	26.0 39.0
86 63.8	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.298 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 65	Resp: 206927
Ion Ratio	Lower Upper
65 100	
67 51.1	0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076348.D

Acq: 20 Jan 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

FB01RE

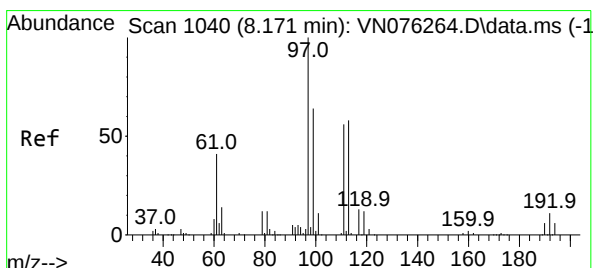
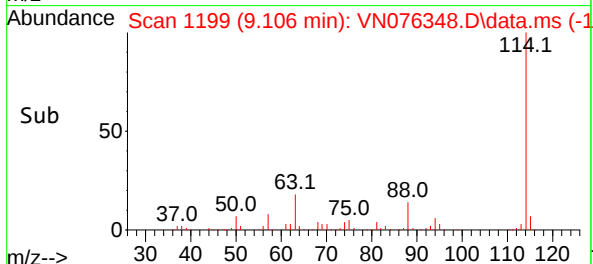
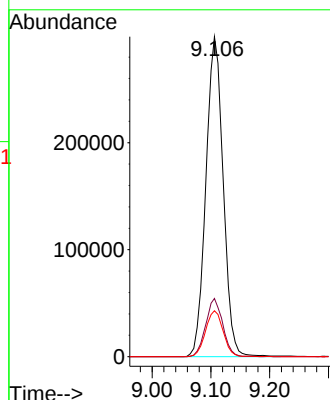
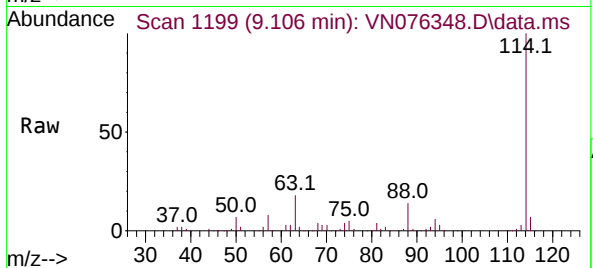
Tgt Ion:114 Resp: 610377

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 14.4 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.276 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076348.D

Acq: 20 Jan 2023 15:26

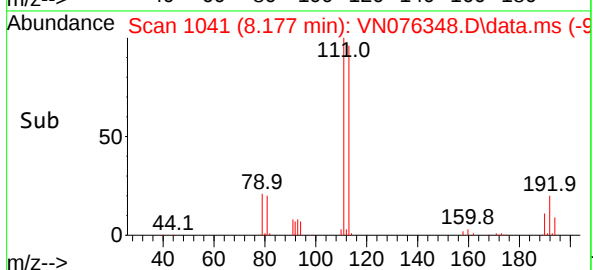
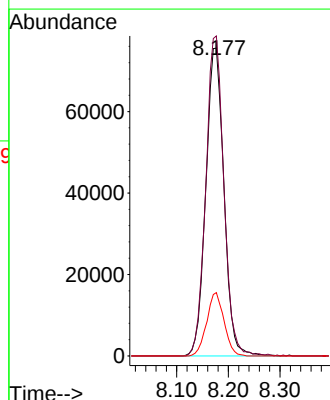
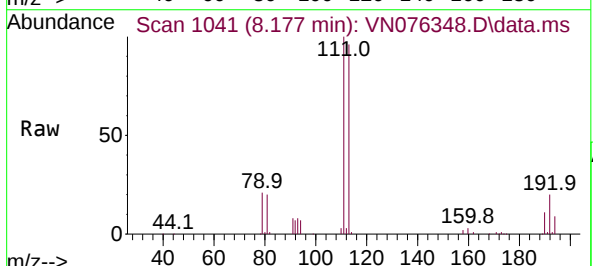
Tgt Ion:113 Resp: 184326

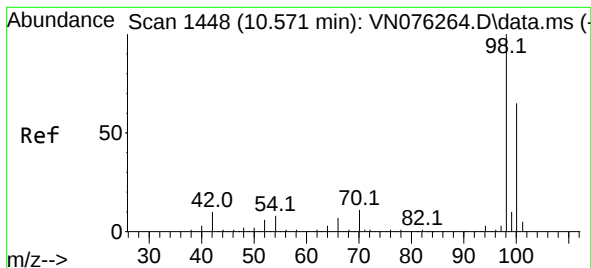
Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

192 19.7 15.6 23.4

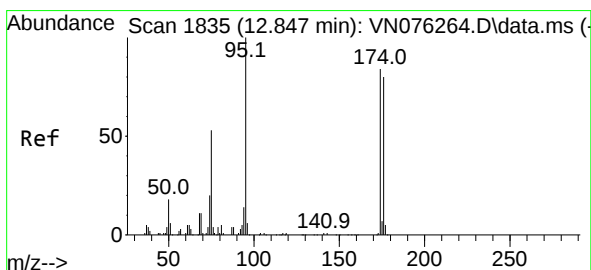
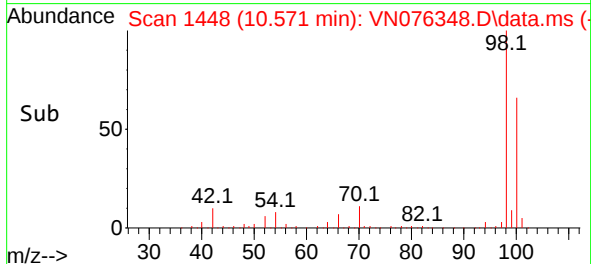
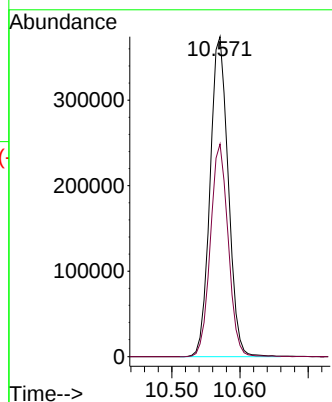
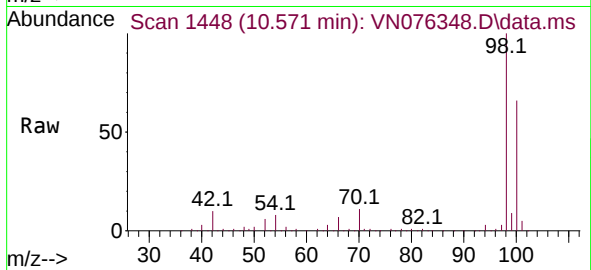




#50
Toluene-d8
Concen: 49.271 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

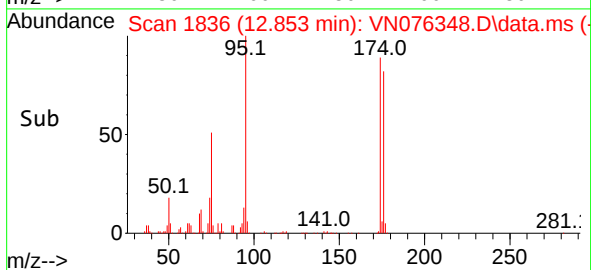
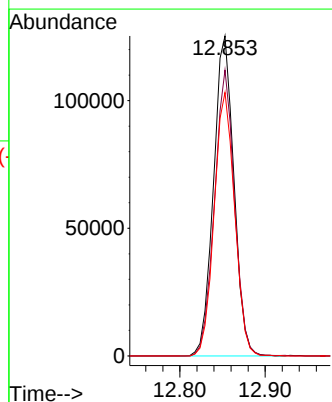
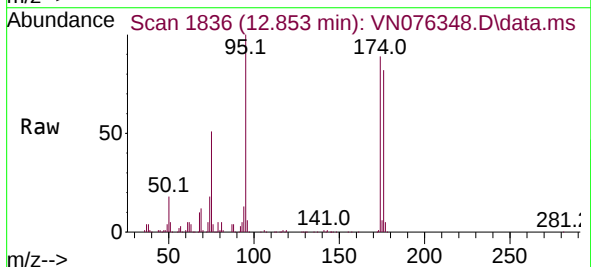
Instrument :
MSVOA_N
ClientSampleId :
FB01RE

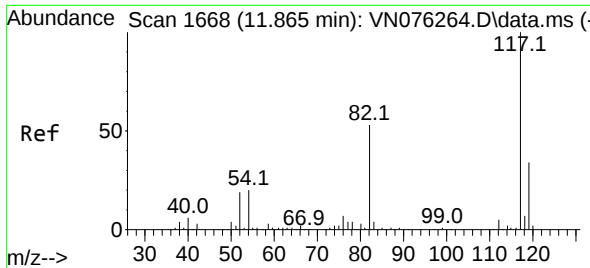
Tgt Ion: 98 Resp: 694768
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.227 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion: 95 Resp: 208192
Ion Ratio Lower Upper
95 100
174 88.0 0.0 174.6
176 82.6 0.0 167.8

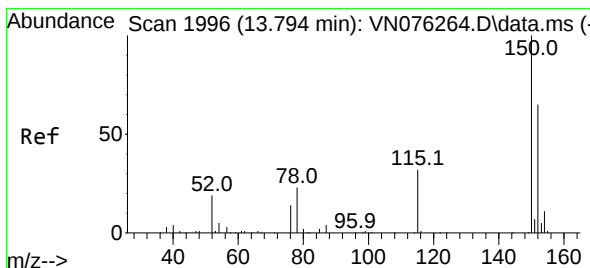
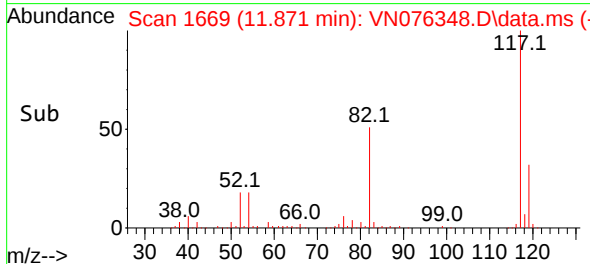
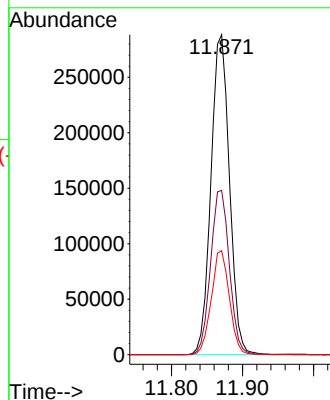
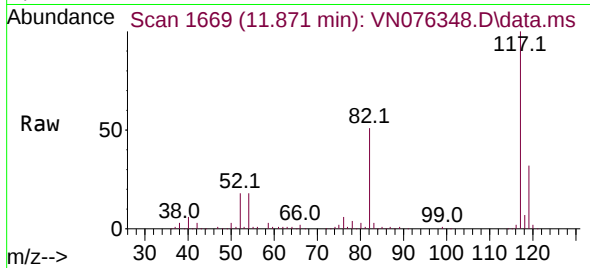




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Instrument :
MSVOA_N
ClientSampleId :
FB01RE

Tgt Ion:117 Resp: 521259
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.2
119 32.5 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076348.D
Acq: 20 Jan 2023 15:26

Tgt Ion:152 Resp: 195741
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.9
150 159.9 0.0 351.4

