

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075267.D
 Acq On : 14 Nov 2022 16:03
 Operator : JC\MD
 Sample : PB148994TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148994TB

Quant Time: Nov 15 03:52:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

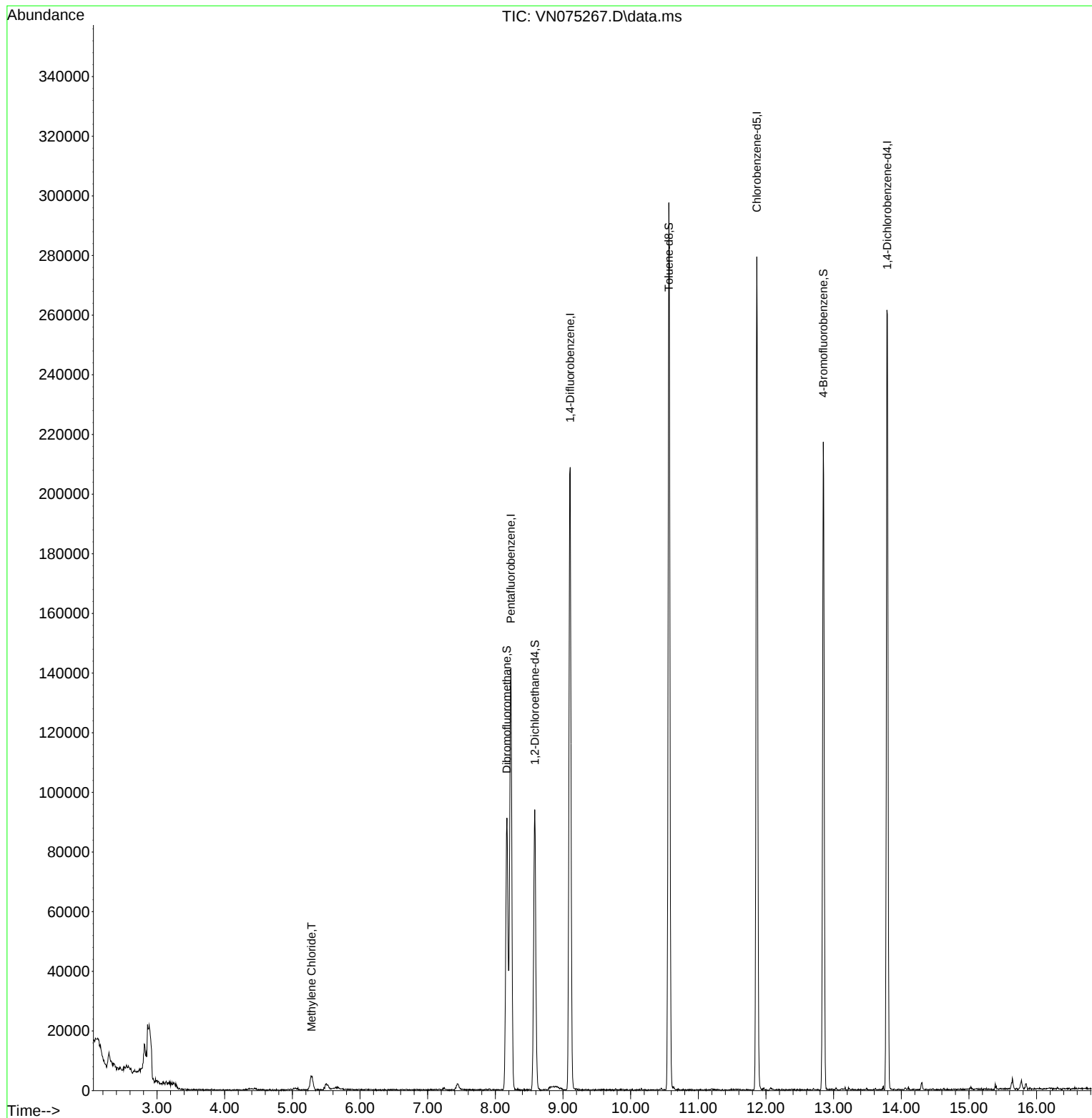
Internal Standards						
1) Pentafluorobenzene	8.229	168	104352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	193120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	165753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	75837	53.937	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.880%			
35) Dibromofluoromethane	8.171	113	65364	57.655	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.300%			
50) Toluene-d8	10.565	98	211184	48.013	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.020%			
62) 4-Bromofluorobenzene	12.847	95	74999	48.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.080%			
Target Compounds						
20) Methylene Chloride	5.283	84	3923	2.955	ug/l	Qvalue 89

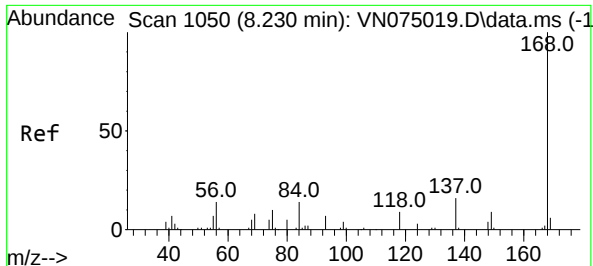
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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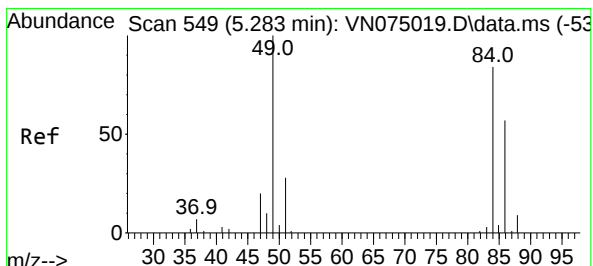
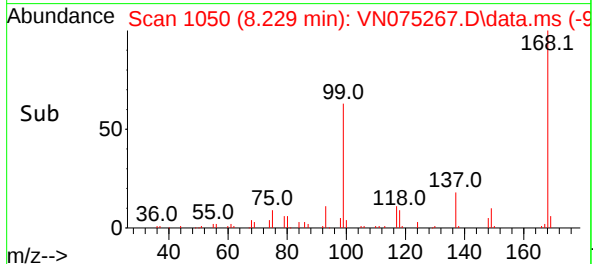
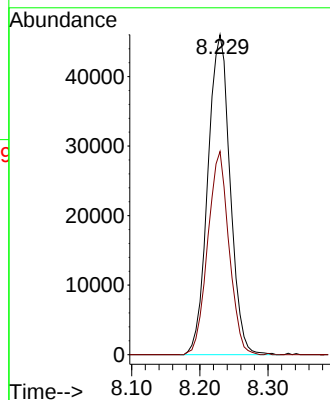
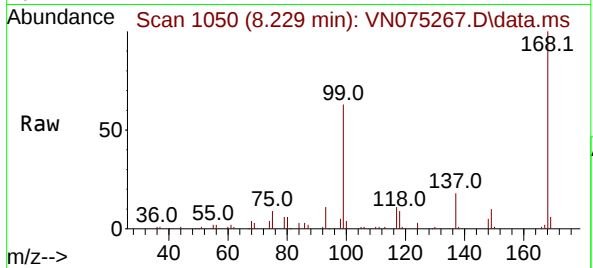




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075267.D
Acq: 14 Nov 2022 16:03

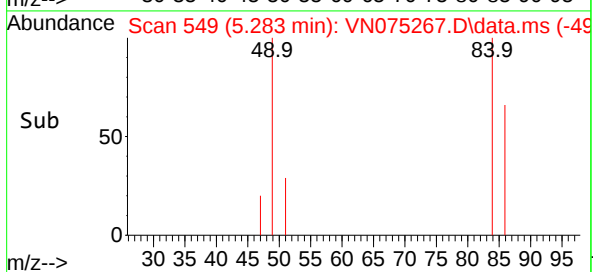
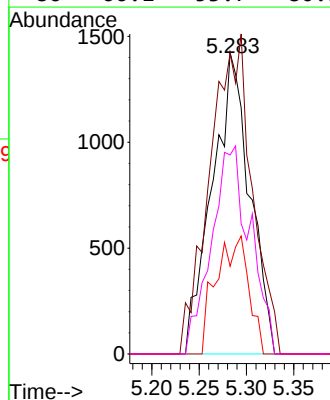
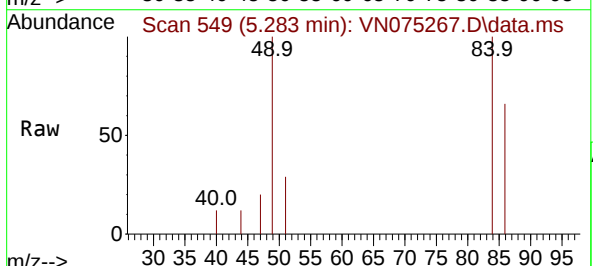
Instrument :
MSVOA_N
ClientSampleId :
PB148994TB

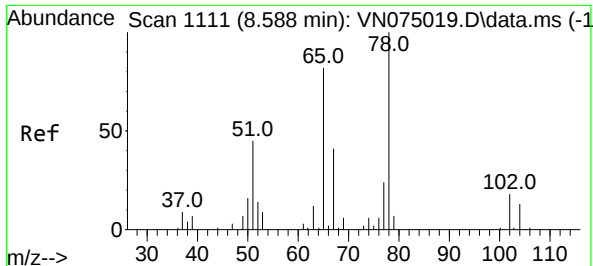
Tgt Ion:168 Resp: 104352
Ion Ratio Lower Upper
168 100
99 63.5 51.6 77.4



#20
Methylene Chloride
Concen: 2.955 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075267.D
Acq: 14 Nov 2022 16:03

Tgt Ion: 84 Resp: 3923
Ion Ratio Lower Upper
84 100
49 99.9 94.9 142.3
51 29.1 26.8 40.2
86 66.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 53.937 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075267.D

Acq: 14 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

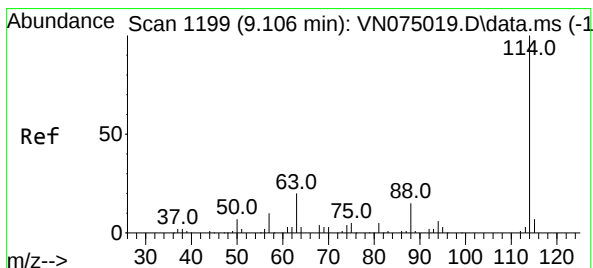
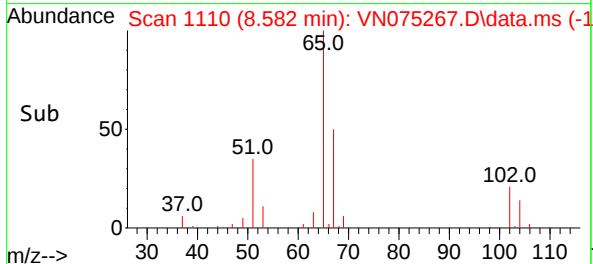
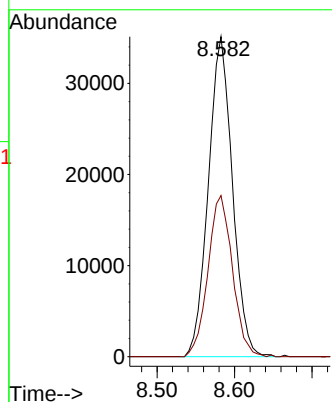
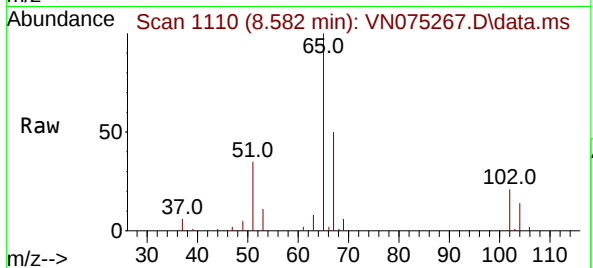
PB148994TB

Tgt Ion: 65 Resp: 75837

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075267.D

Acq: 14 Nov 2022 16:03

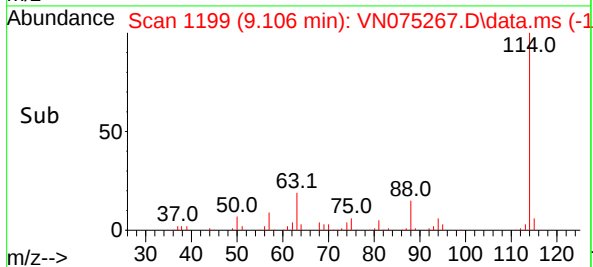
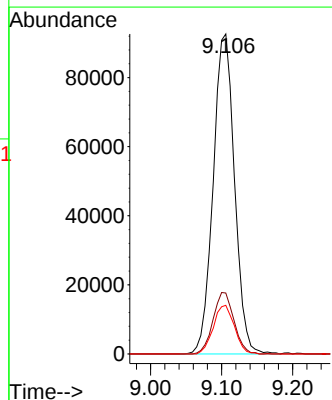
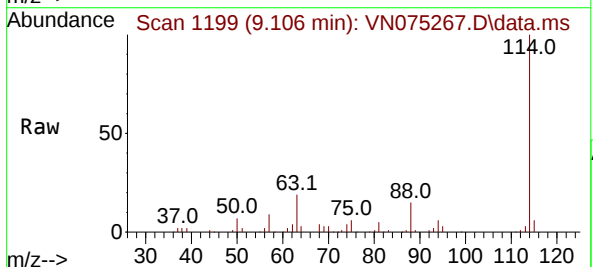
Tgt Ion: 114 Resp: 193120

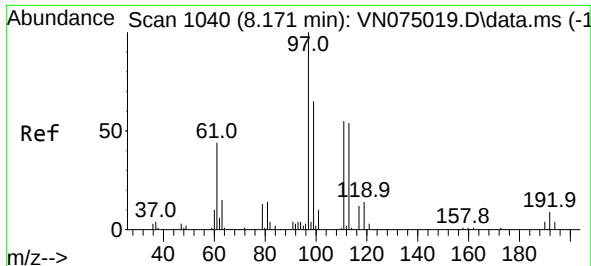
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 57.655 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075267.D

Acq: 14 Nov 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

PB148994TB

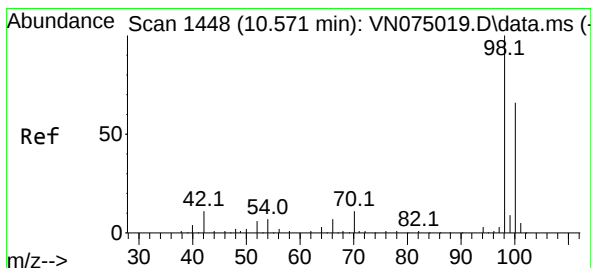
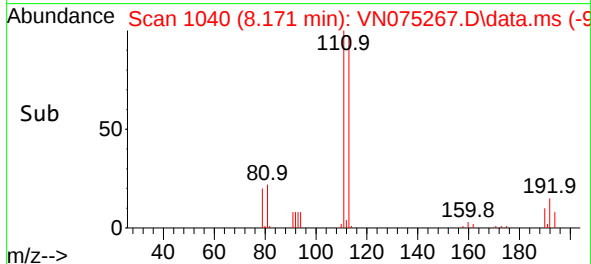
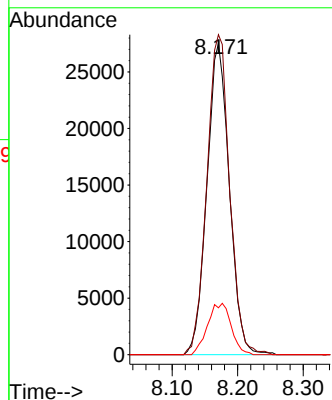
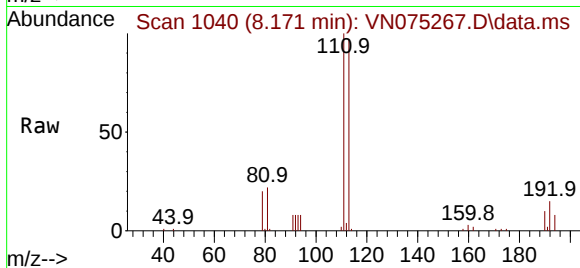
Tgt Ion:113 Resp: 65364

Ion Ratio Lower Upper

113 100

111 104.5 80.5 120.7

192 17.4 13.2 19.8



#50

Toluene-d8

Concen: 48.013 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075267.D

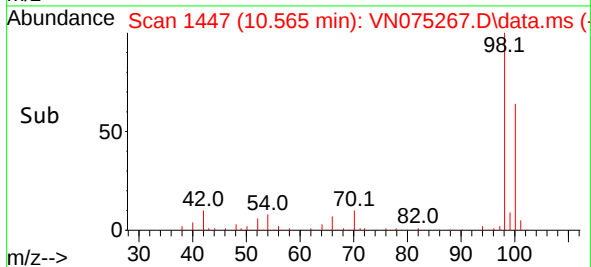
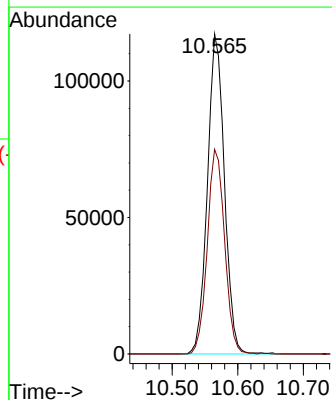
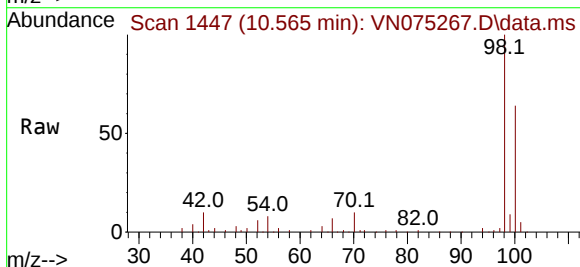
Acq: 14 Nov 2022 16:03

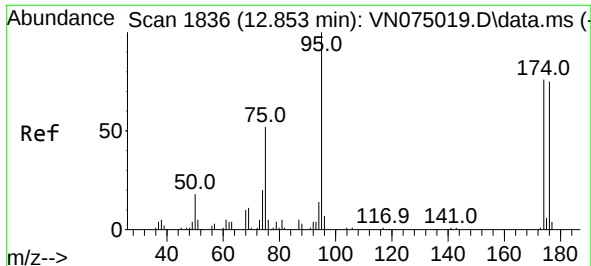
Tgt Ion: 98 Resp: 211184

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6

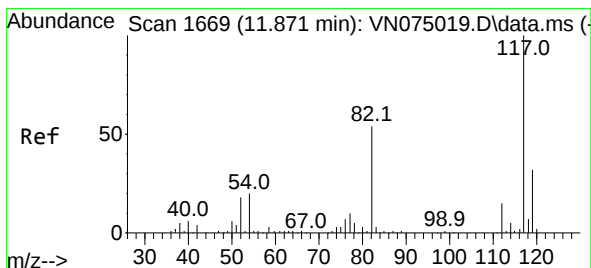
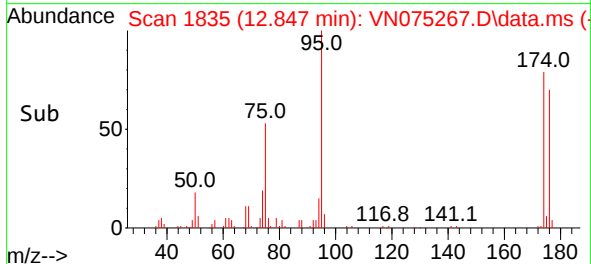
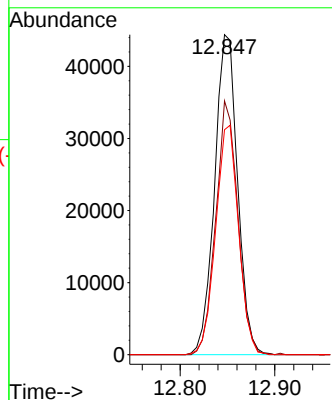
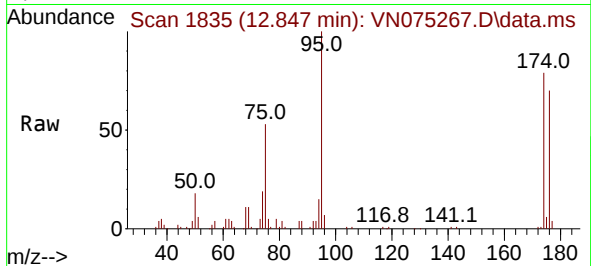




#62
4-Bromofluorobenzene
Concen: 48.540 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075267.D
Acq: 14 Nov 2022 16:03

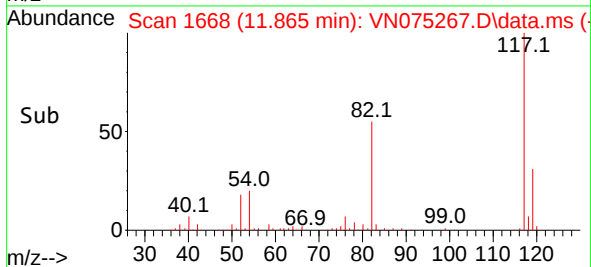
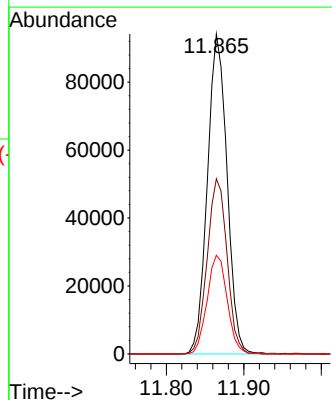
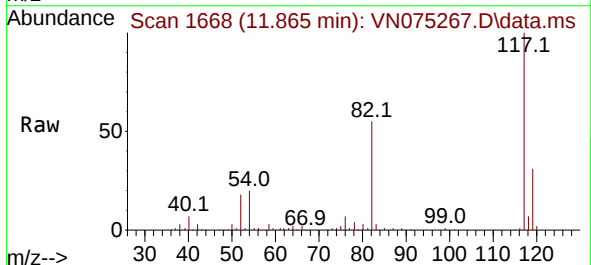
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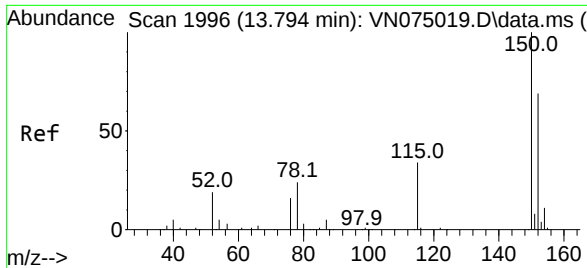
Tgt Ion: 95 Resp: 74999
Ion Ratio Lower Upper
95 100
174 76.0 0.0 147.4
176 71.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075267.D
Acq: 14 Nov 2022 16:03

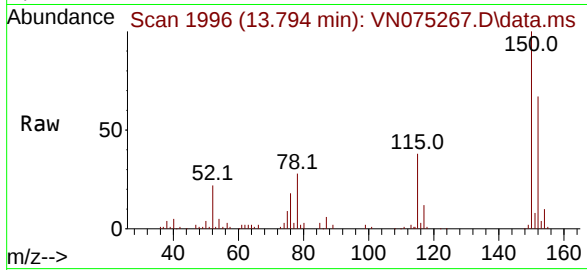
Tgt Ion: 117 Resp: 165753
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 30.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075267.D
 Acq: 14 Nov 2022 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148994TB



Tgt Ion:152 Resp: 71298
 Ion Ratio Lower Upper
 152 100
 115 62.4 30.2 90.6
 150 158.4 0.0 348.4

