

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081021\
 Data File : VN068057.D
 Acq On : 10 Aug 2021 13:27
 Operator : JC/MD
 Sample : M3323-01RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1RE

Quant Time: Aug 11 06:31:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

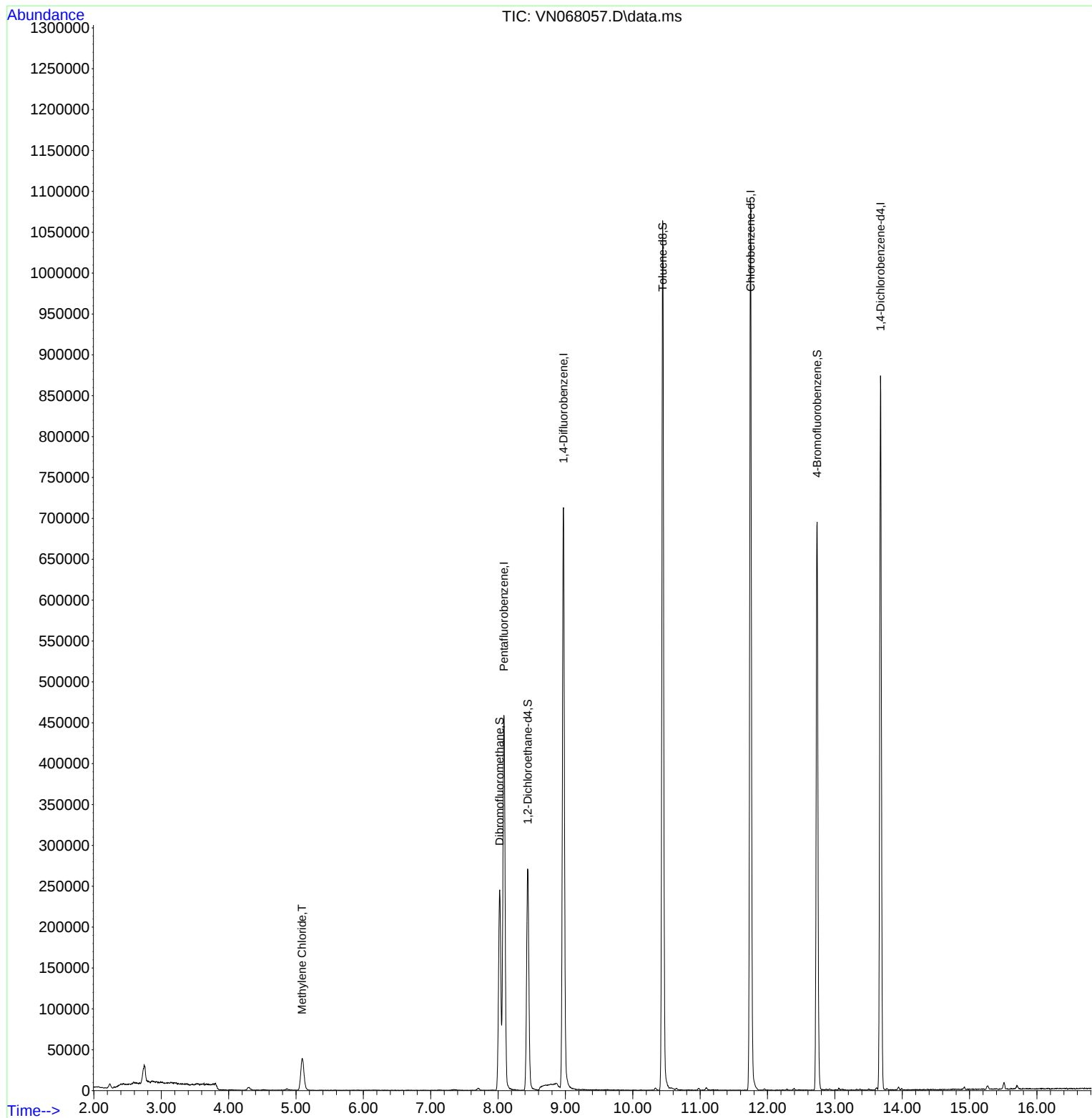
Internal Standards						
1) Pentafluorobenzene	8.086	168	335314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	643090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	639595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	227549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	234910	49.487	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.980%
35) Dibromofluoromethane	8.024	113	179052	47.775	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.540%
50) Toluene-d8	10.443	98	751072	43.932	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.860%
62) 4-Bromofluorobenzene	12.736	95	253081	40.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	81.940%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.090	84	33543	8.149	ug/l	84

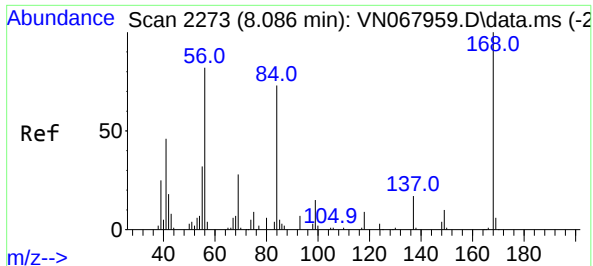
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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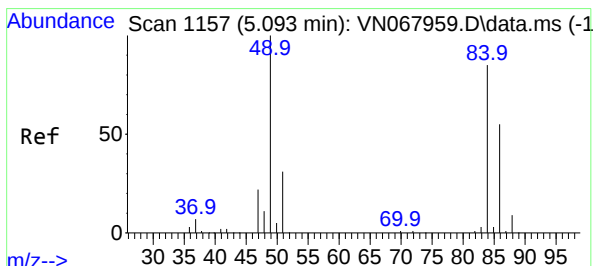
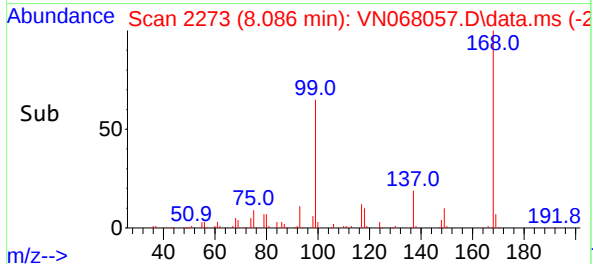
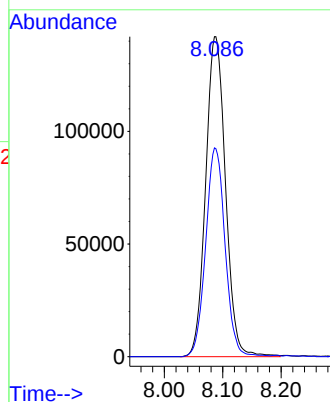
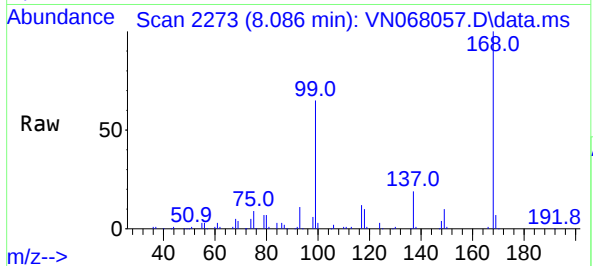




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068057.D
Acq: 10 Aug 2021 13:27

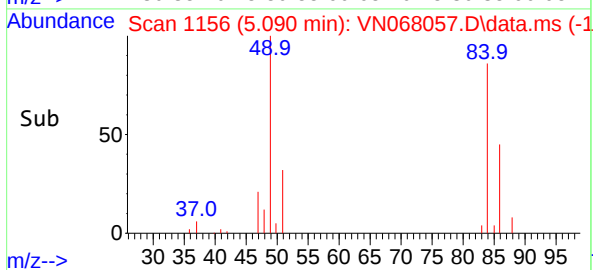
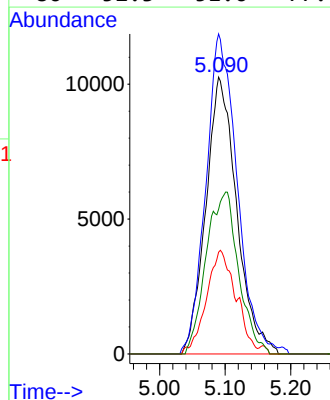
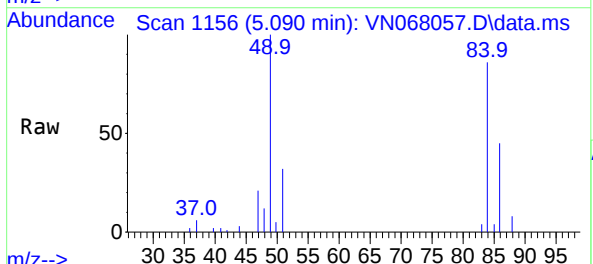
Instrument :
MSVOA_N
ClientSampled :
SP-1RE

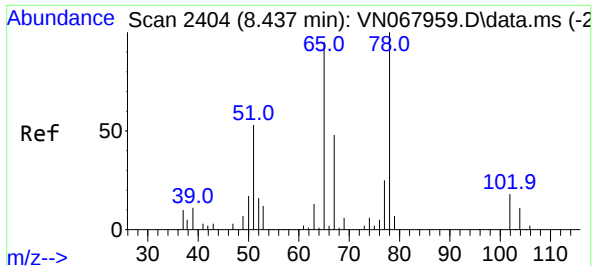
Tgt Ion:168 Resp: 335314
Ion Ratio Lower Upper
168 100
99 65.2 62.9 94.3



#20
Methylene Chloride
Concen: 8.149 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN068057.D
Acq: 10 Aug 2021 13:27

Tgt Ion: 84 Resp: 33543
Ion Ratio Lower Upper
84 100
49 115.6 110.9 166.3
51 36.8 32.6 49.0
86 52.3 51.6 77.4



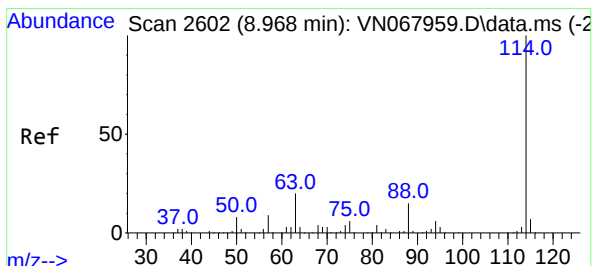
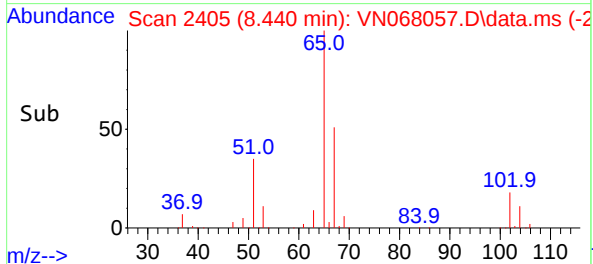
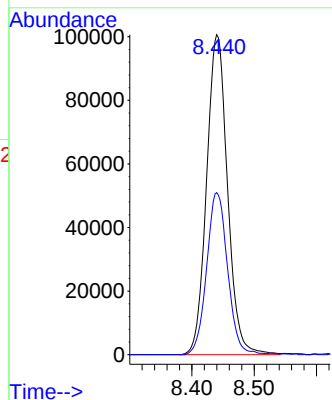
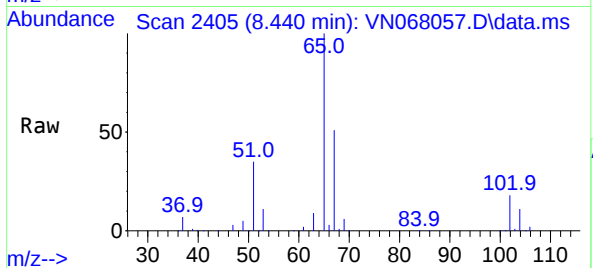


#33

1,2-Dichloroethane-d4
Concen: 49.487 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068057.D
Acq: 10 Aug 2021 13:27

Instrument :
MSVOA_N
ClientSampleId :
SP-1RE

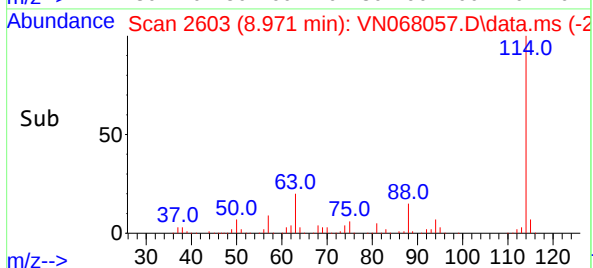
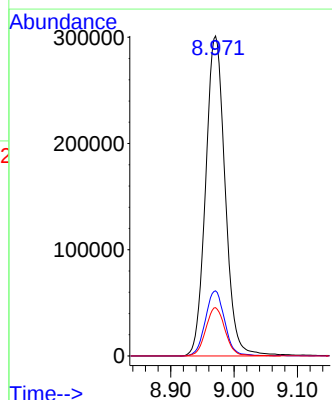
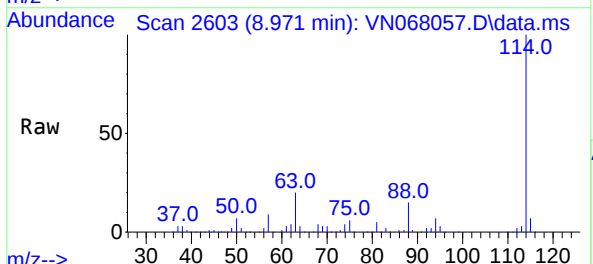
Tgt Ion: 65 Resp: 234910
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

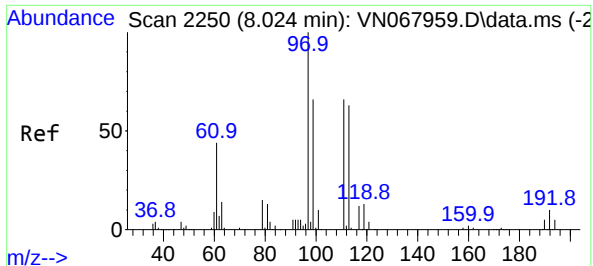


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068057.D
Acq: 10 Aug 2021 13:27

Tgt Ion: 114 Resp: 643090
Ion Ratio Lower Upper
114 100
63 20.3 0.0 49.0
88 15.1 0.0 36.6

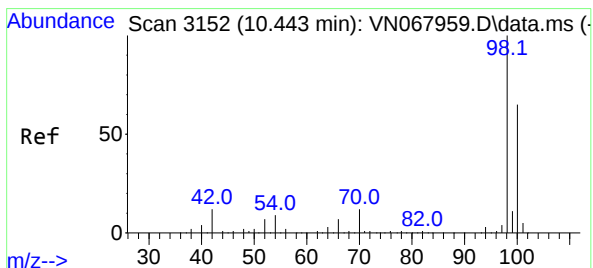
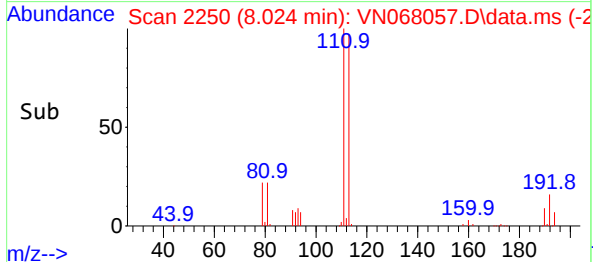
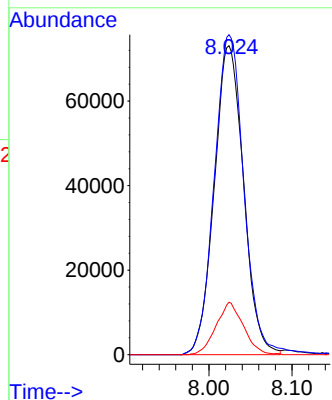
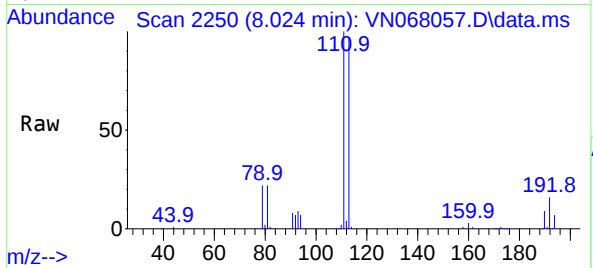




#35
Dibromofluoromethane
Concen: 47.775 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068057.D
Acq: 10 Aug 2021 13:27

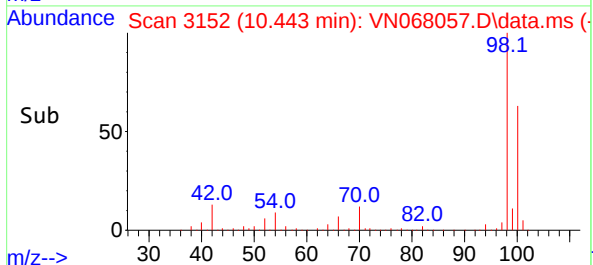
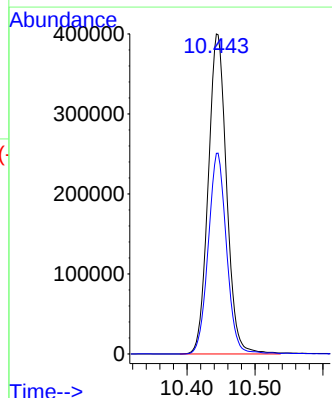
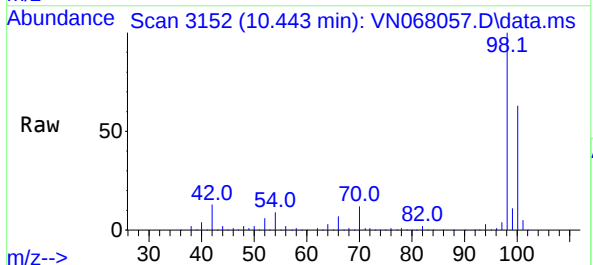
Instrument :
MSVOA_N
ClientSampled :
SP-1RE

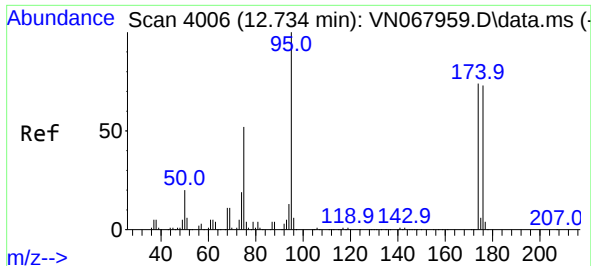
Tgt Ion:113 Resp: 179052
Ion Ratio Lower Upper
113 100
111 105.1 83.8 125.8
192 15.9 13.4 20.0



#50
Toluene-d8
Concen: 43.932 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068057.D
Acq: 10 Aug 2021 13:27

Tgt Ion: 98 Resp: 751072
Ion Ratio Lower Upper
98 100
100 62.3 51.7 77.5

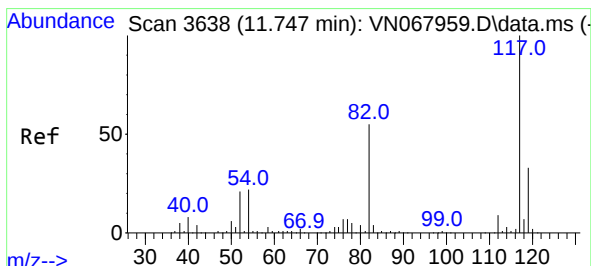
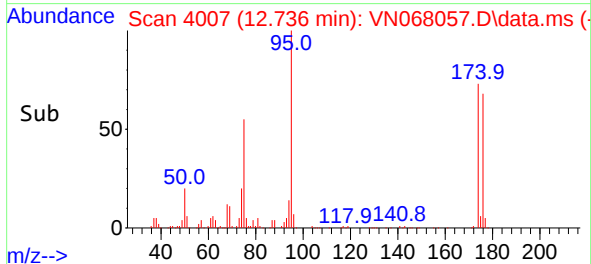
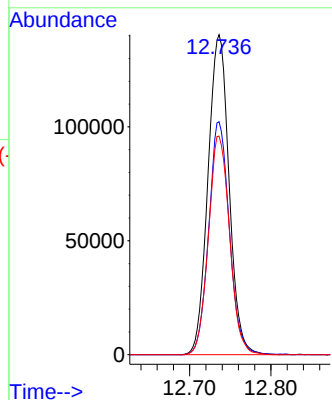
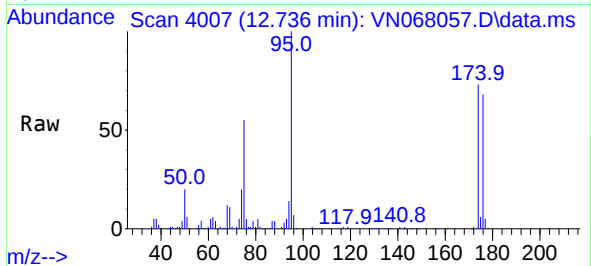




#62
4-Bromofluorobenzene
Concen: 40.973 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068057.D
Acq: 10 Aug 2021 13:27

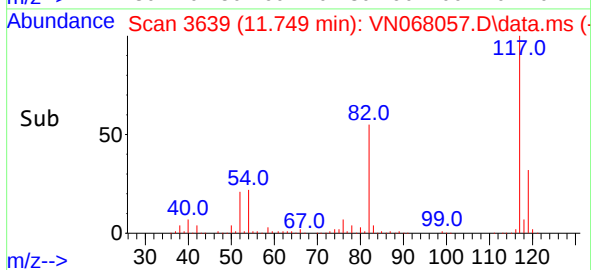
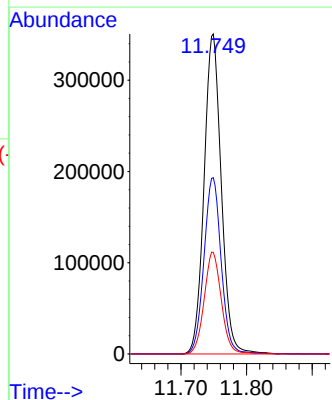
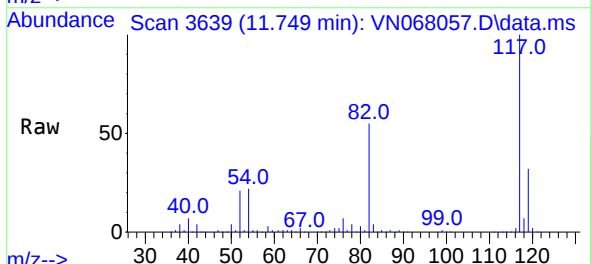
Instrument :
MSVOA_N
ClientSampleId :
SP-1RE

Tgt Ion: 95 Resp: 253081
Ion Ratio Lower Upper
95 100
174 71.4 0.0 122.0
176 68.4 0.0 117.6

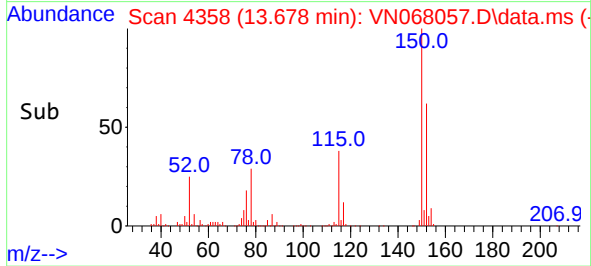
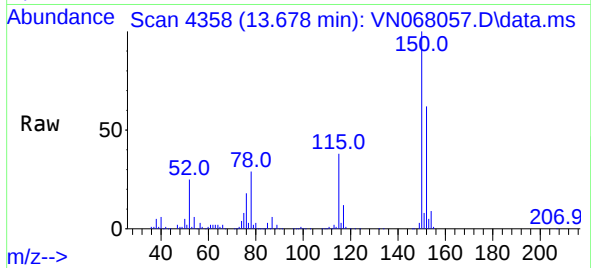
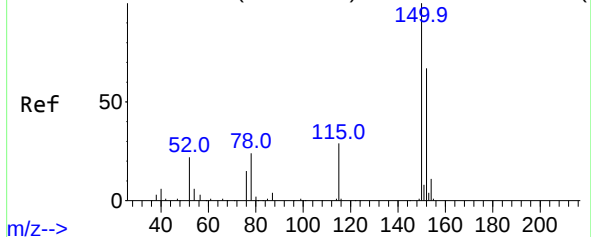


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068057.D
Acq: 10 Aug 2021 13:27

Tgt Ion: 117 Resp: 639595
Ion Ratio Lower Upper
117 100
82 55.1 53.1 79.7
119 31.7 25.5 38.3

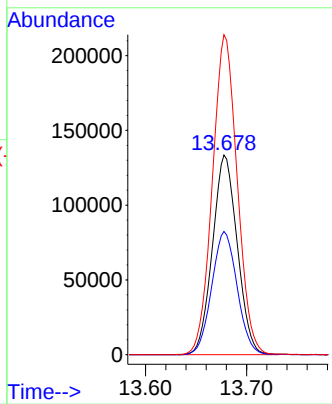


Abundance Scan 4357 (13.675 min): VN067959.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068057.D
Acq: 10 Aug 2021 13:27

Tgt Ion:	152	Resp:	227549
Ion	Ratio	Lower	Upper
152	100		
115	63.3	36.1	108.5
150	160.7	0.0	351.8



Instrument :
MSVOA_N
ClientSampleId :
SP-1RE