

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070358.D
 Acq On : 14 Sep 2021 17:33
 Operator : VA/SY
 Sample : M3687-29
 Misc : 5.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A004145

Quant Time: Sep 15 02:47:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

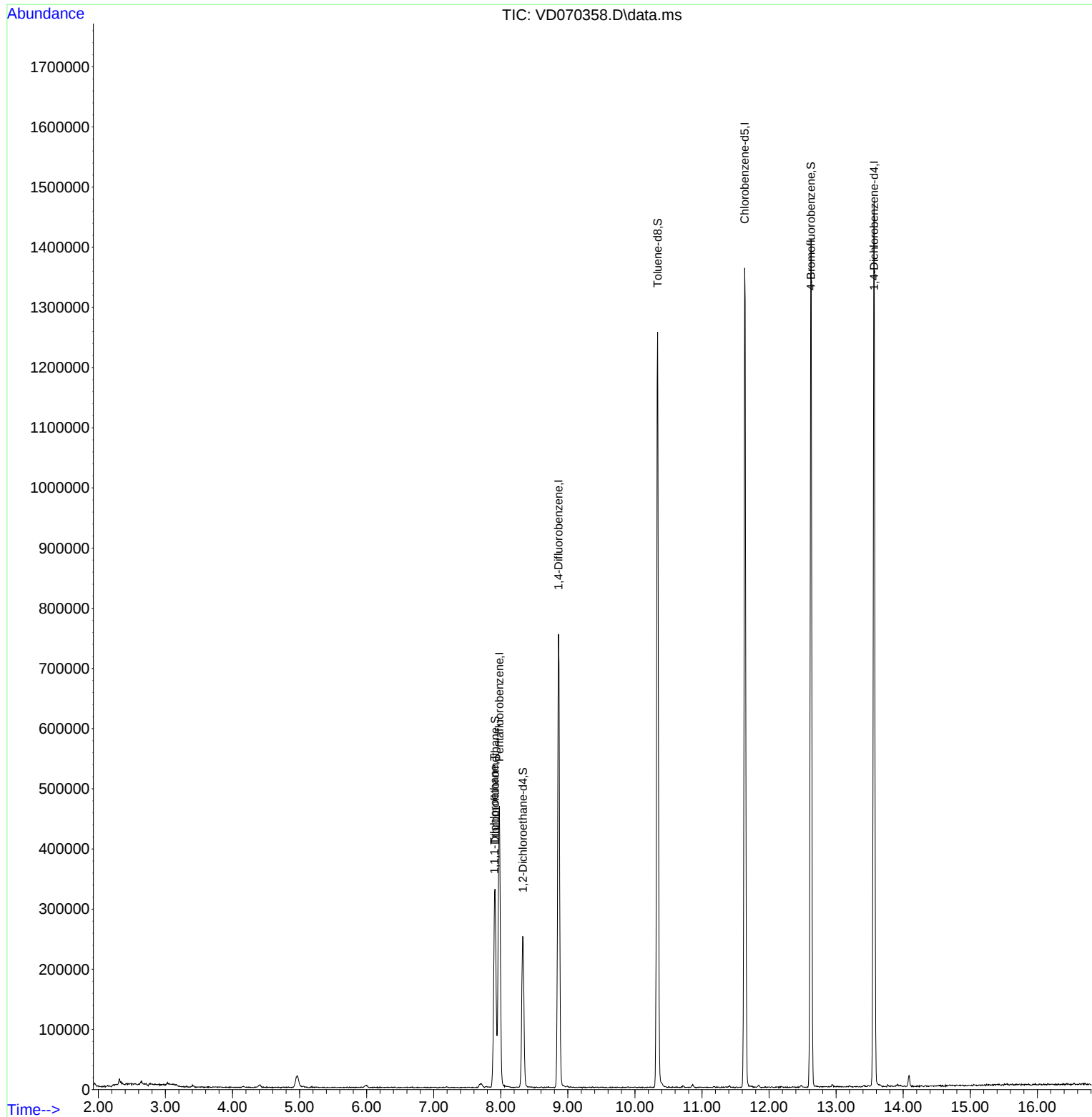
Internal Standards						
1) Pentafluorobenzene	7.979	168	324046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	796161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	381936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	204129	49.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.914	113	229074	50.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.338	98	868885	52.251	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.500%
62) 4-Bromofluorobenzene	12.626	95	398603	68.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	137.180%
Target Compounds						
32) 1,1,1-Trichloroethane	7.902	97	27225	3.758	ug/l	Qvalue 92

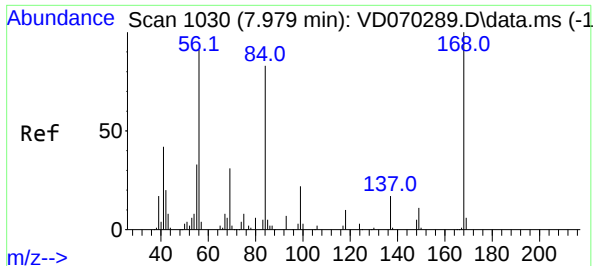
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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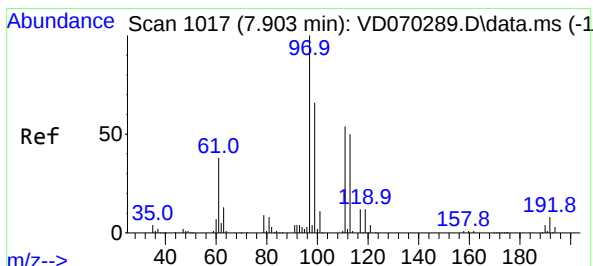
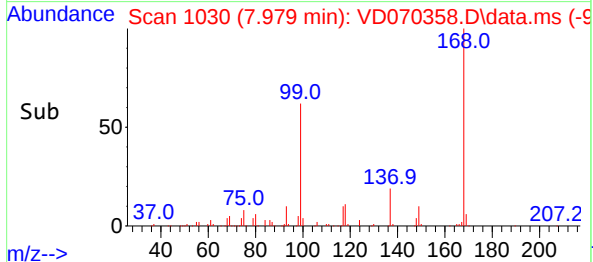
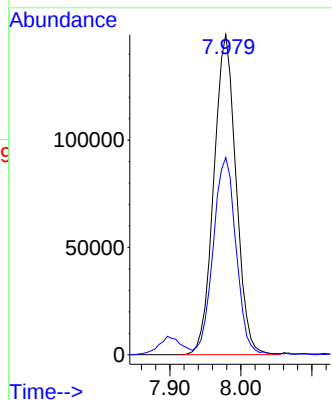
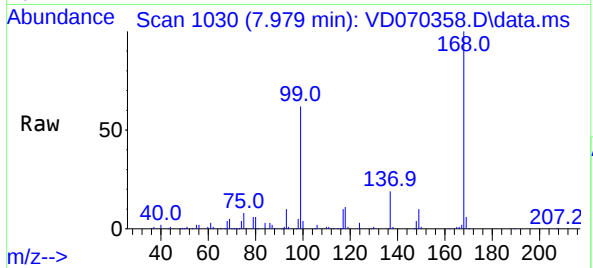




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070358.D
Acq: 14 Sep 2021 17:33

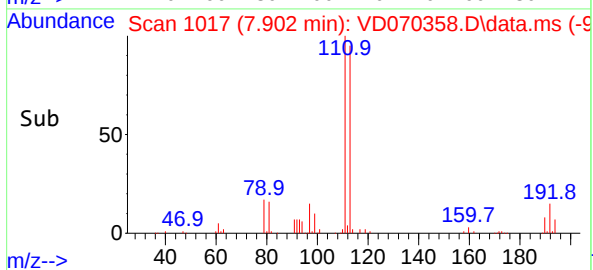
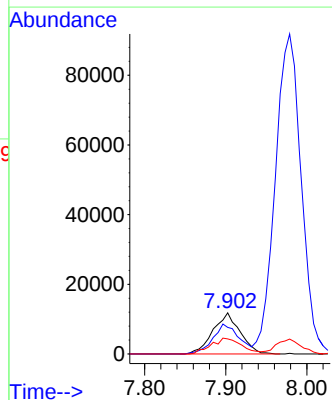
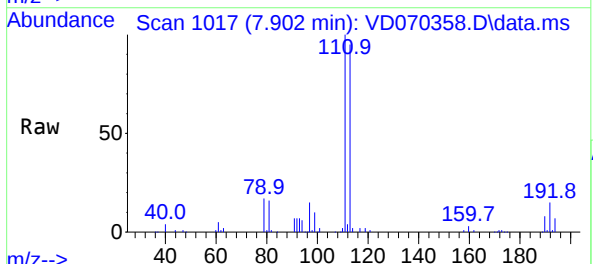
Instrument :
MSVOA_D
ClientSampleId :
A004145

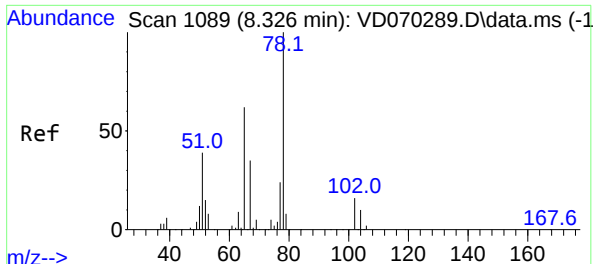
Tgt Ion:168 Resp: 324046
Ion Ratio Lower Upper
168 100
99 61.2 50.8 76.2



#32
1,1,1-Trichloroethane
Concen: 3.758 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070358.D
Acq: 14 Sep 2021 17:33

Tgt Ion: 97 Resp: 27225
Ion Ratio Lower Upper
97 100
99 70.7 51.1 76.7
61 43.5 31.4 47.0

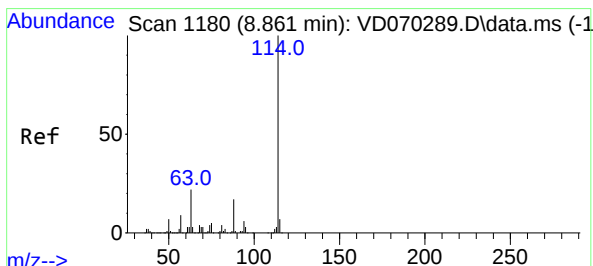
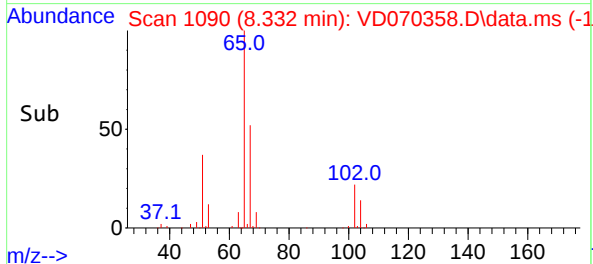
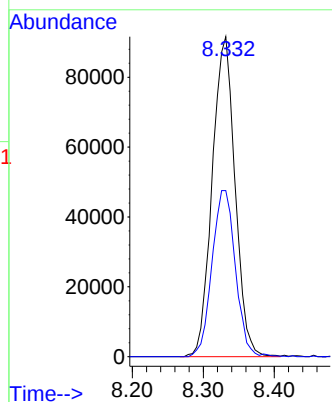
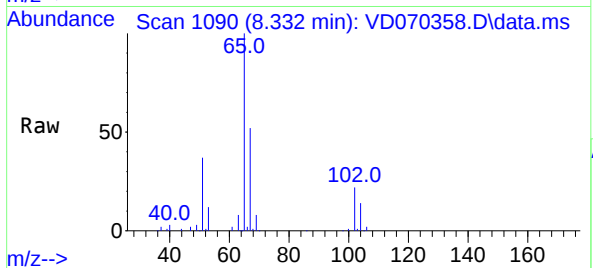




#33
1,2-Dichloroethane-d4
Concen: 49.060 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070358.D
Acq: 14 Sep 2021 17:33

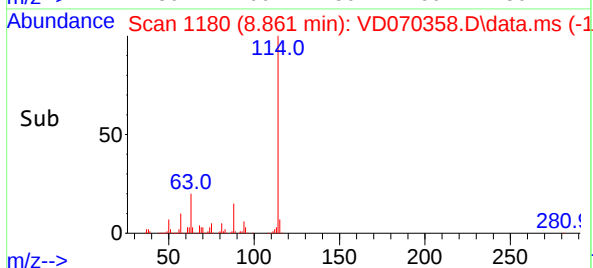
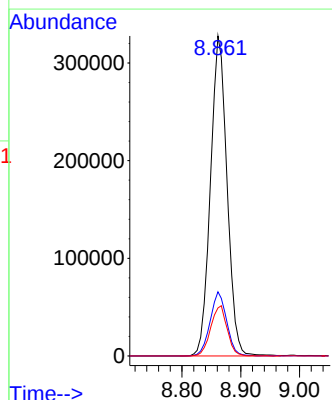
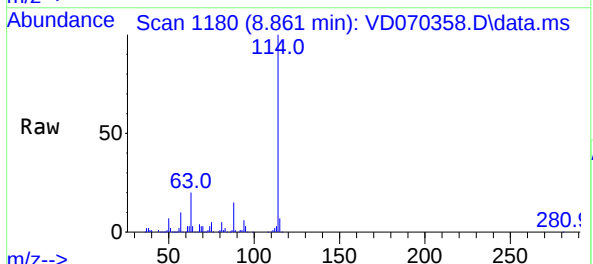
Instrument :
MSVOA_D
ClientSampleId :
A004145

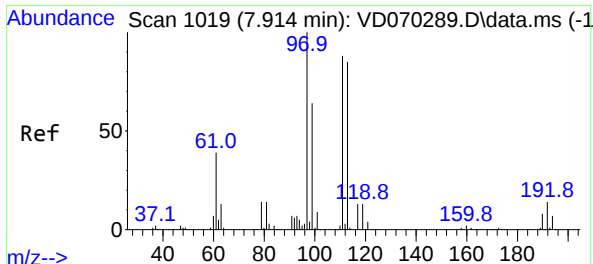
Tgt Ion: 65 Resp: 204129
Ion Ratio Lower Upper
65 100
67 53.3 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070358.D
Acq: 14 Sep 2021 17:33

Tgt Ion: 114 Resp: 643440
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.4
88 15.0 0.0 33.4

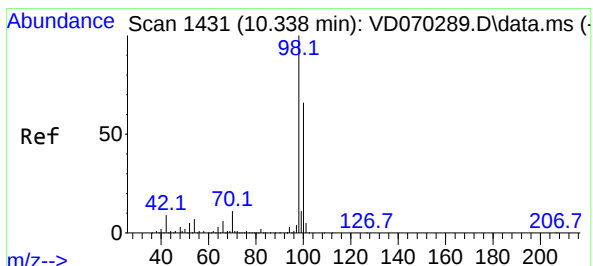
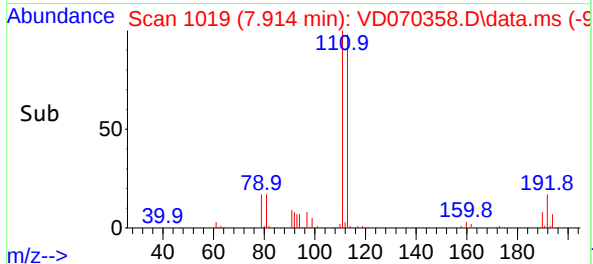
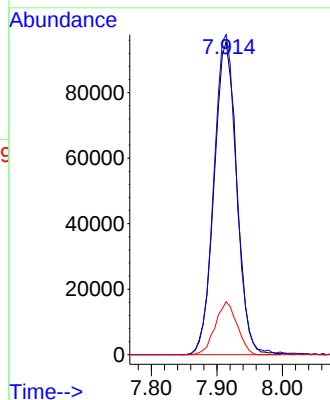
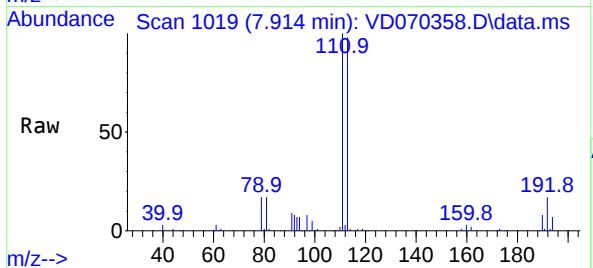




#35
Dibromofluoromethane
Concen: 50.015 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070358.D
Acq: 14 Sep 2021 17:33

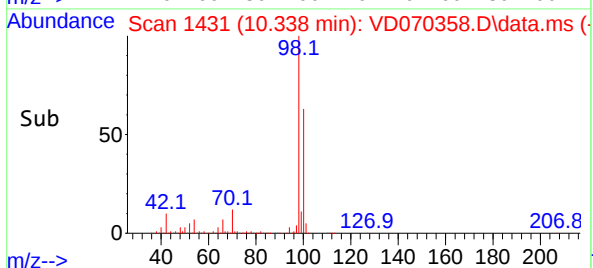
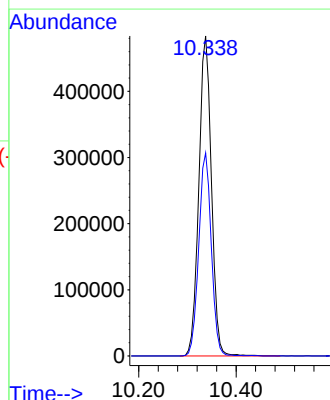
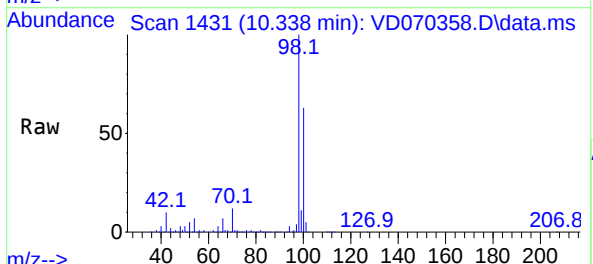
Instrument :
MSVOA_D
ClientSampled :
A004145

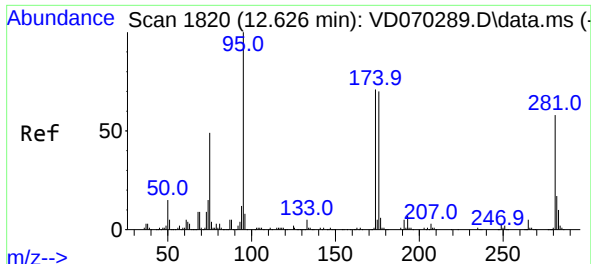
Tgt Ion:113 Resp: 229074
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 16.3 13.0 19.6



#50
Toluene-d8
Concen: 52.251 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070358.D
Acq: 14 Sep 2021 17:33

Tgt Ion: 98 Resp: 868885
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

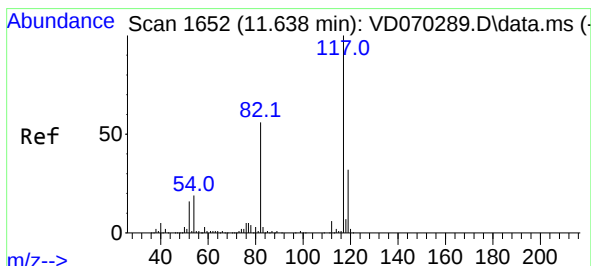
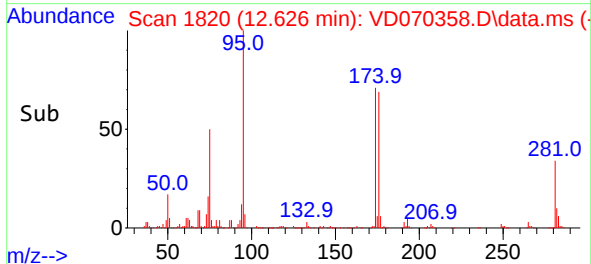
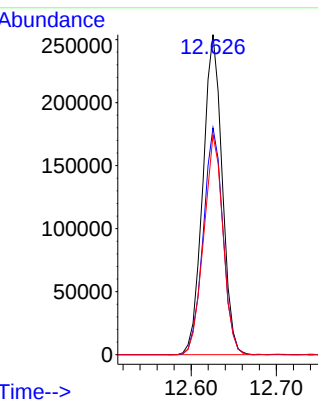
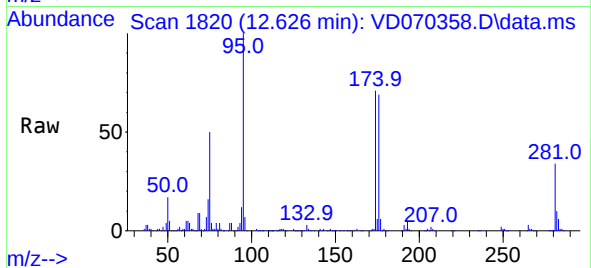




#62
4-Bromofluorobenzene
Concen: 68.586 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070358.D
Acq: 14 Sep 2021 17:33

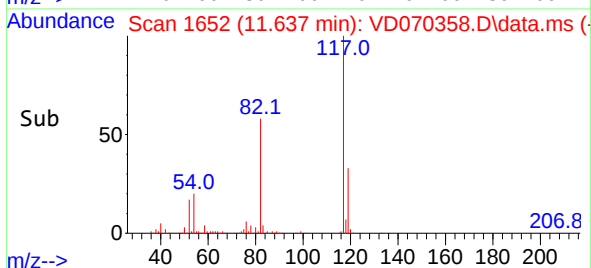
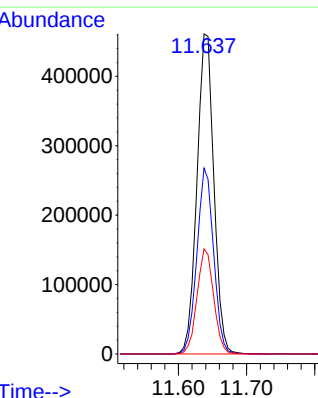
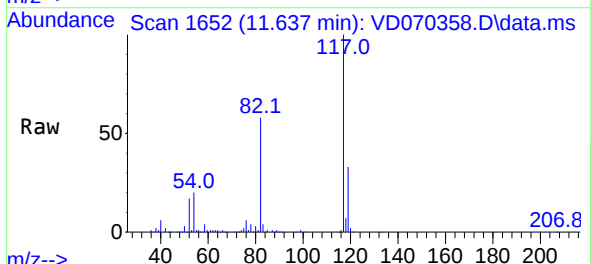
Instrument :
MSVOA_D
ClientSampleId :
A004145

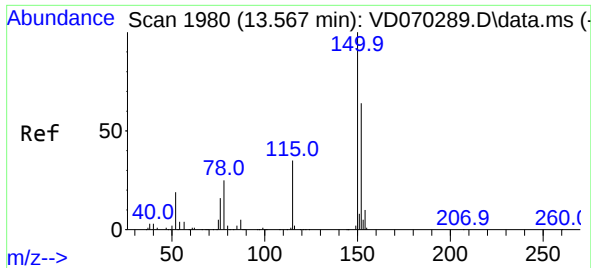
Tgt Ion: 95 Resp: 398603
Ion Ratio Lower Upper
95 100
174 72.0 0.0 140.6
176 68.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070358.D
Acq: 14 Sep 2021 17:33

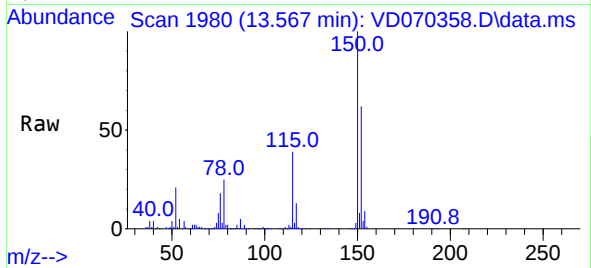
Tgt Ion:117 Resp: 796161
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 32.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070358.D
 Acq: 14 Sep 2021 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:	152	Resp:	381936
Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.1	96.3
150	160.6	0.0	350.6

