

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070335.D
 Acq On : 13 Sep 2021 19:19
 Operator : VA/SY
 Sample : M3687-24
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A010145

Quant Time: Sep 14 00:56:26 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)

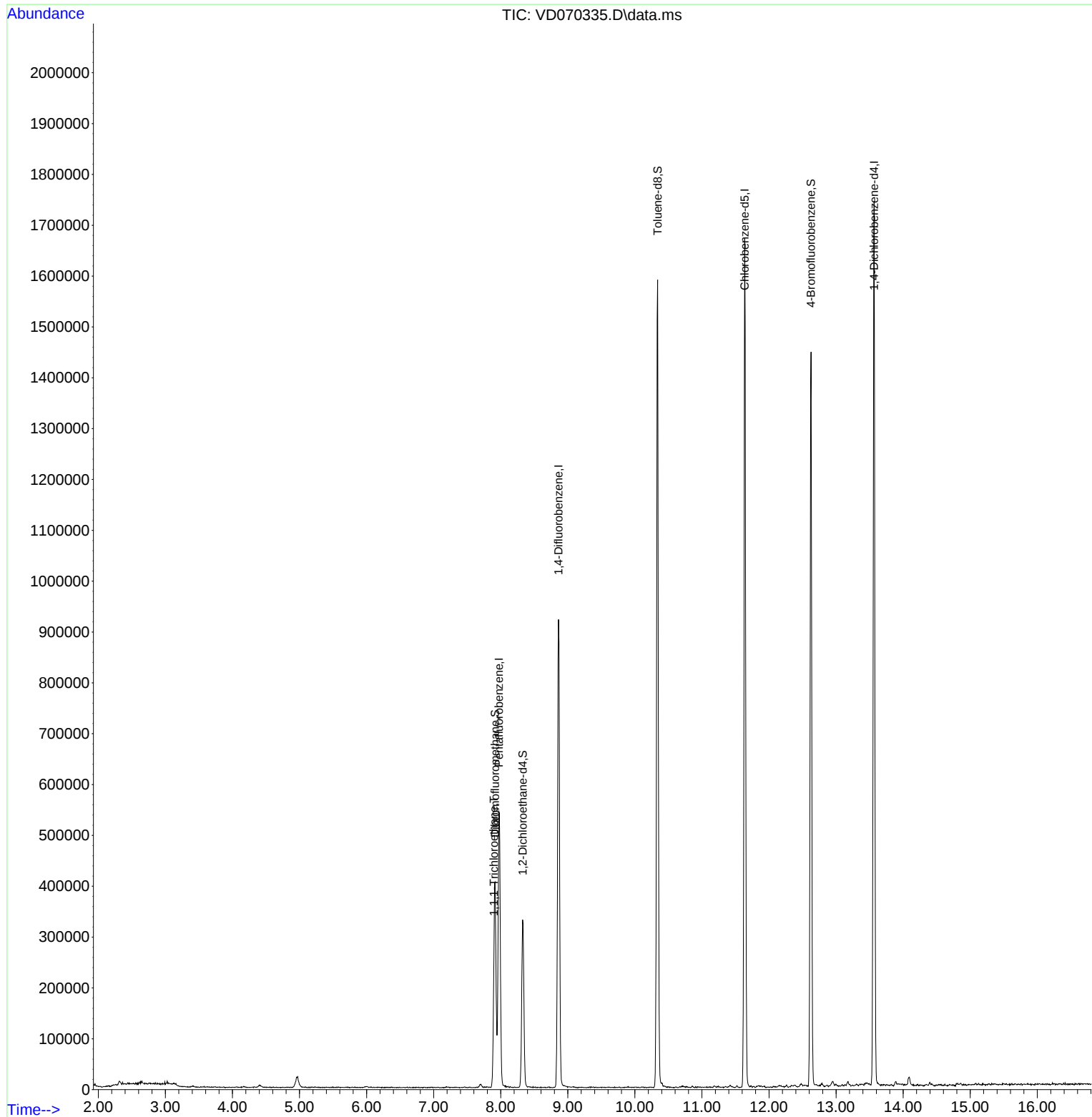
Internal Standards						
1) Pentafluorobenzene	7.973	168	381094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	801265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	945316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	465666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	265604	54.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.914	113	286106	50.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.320%	
50) Toluene-d8	10.338	98	1068714	51.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.626	95	457695	63.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.480%	
Target Compounds						
32) 1,1,1-Trichloroethane	7.897	97	15699	1.843	ug/l	Qvalue # 93

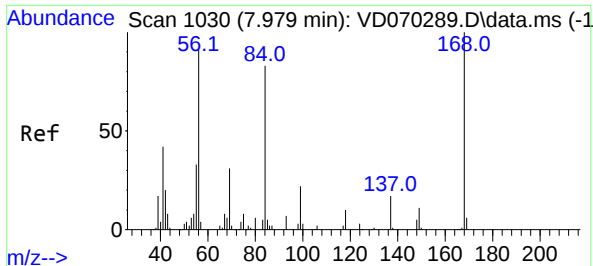
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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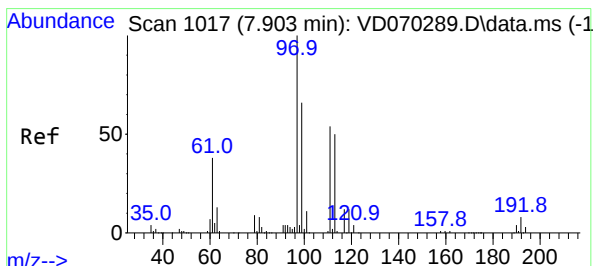
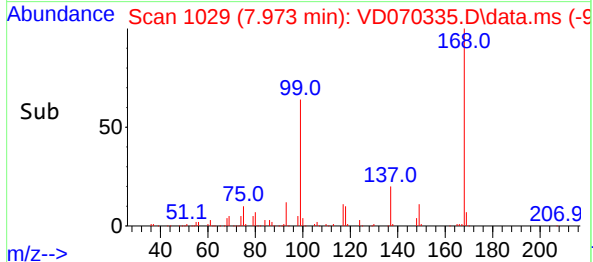
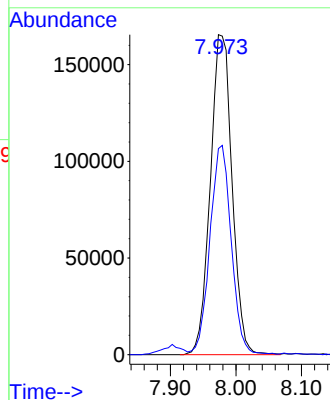
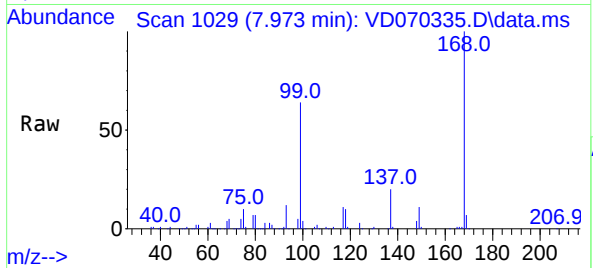




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070335.D
Acq: 13 Sep 2021 19:19

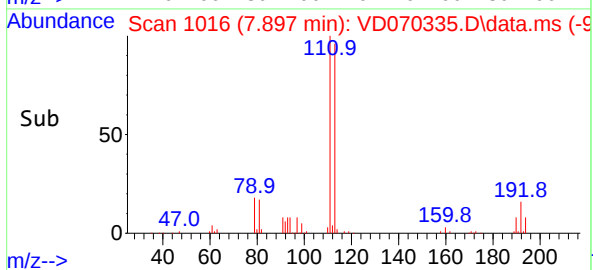
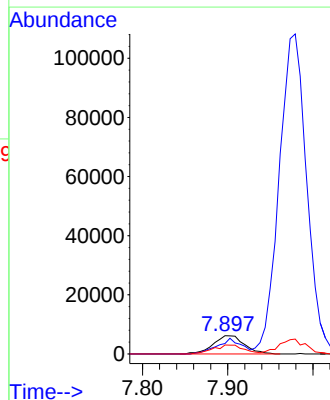
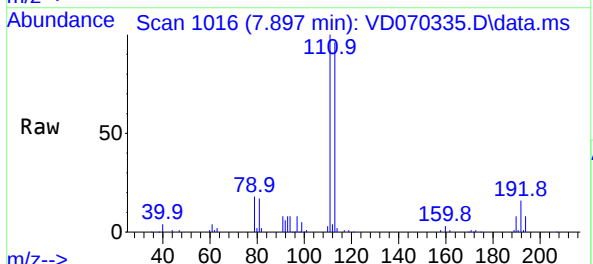
Instrument :
MSVOA_D
ClientSampleId :
A010145

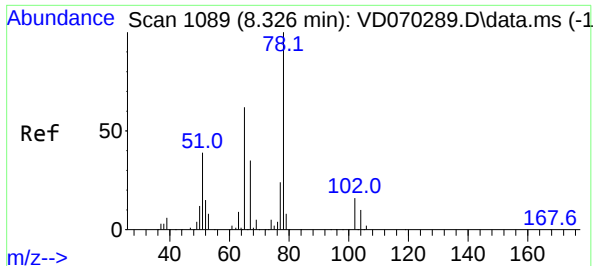
Tgt Ion:168 Resp: 381094
Ion Ratio Lower Upper
168 100
99 64.2 50.8 76.2



#32
1,1,1-Trichloroethane
Concen: 1.843 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070335.D
Acq: 13 Sep 2021 19:19

Tgt Ion: 97 Resp: 15699
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 48.3 31.4 47.0#

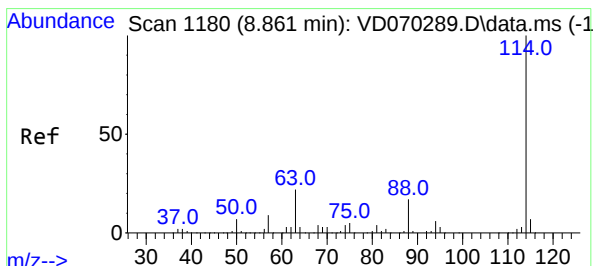
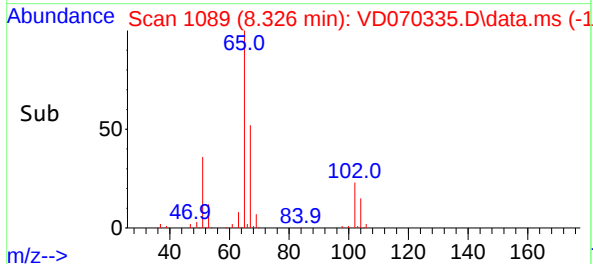
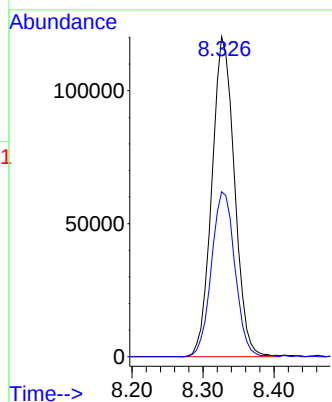
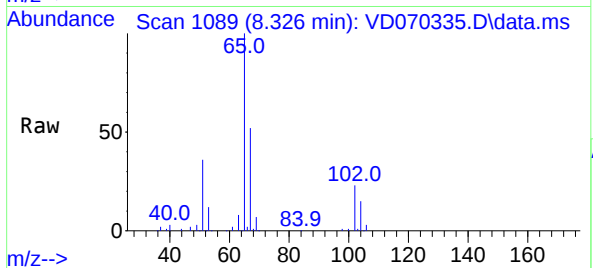




#33
1,2-Dichloroethane-d4
Concen: 54.279 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070335.D
Acq: 13 Sep 2021 19:19

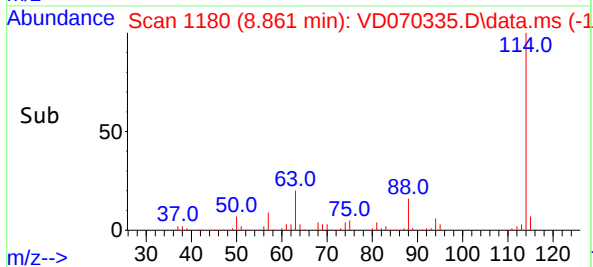
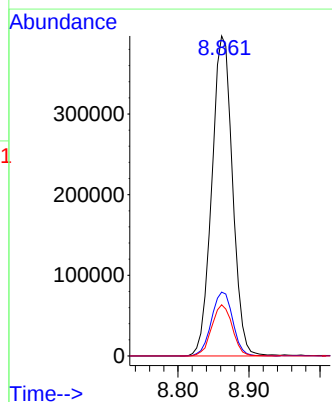
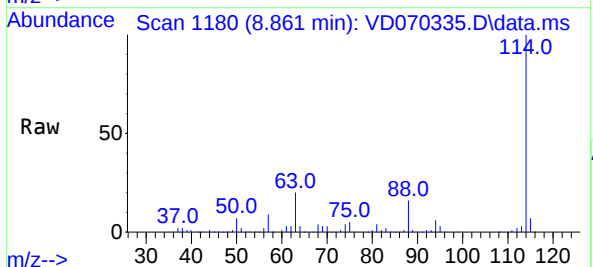
Instrument :
MSVOA_D
ClientSampleId :
A010145

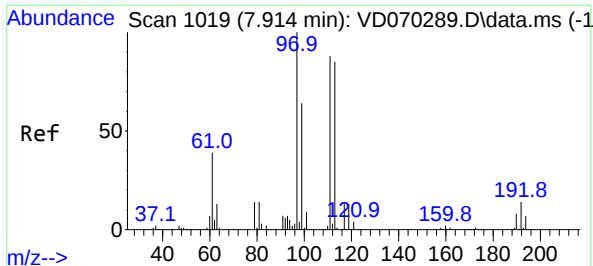
Tgt Ion: 65 Resp: 265604
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070335.D
Acq: 13 Sep 2021 19:19

Tgt Ion:114 Resp: 801265
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.4
88 16.0 0.0 33.4



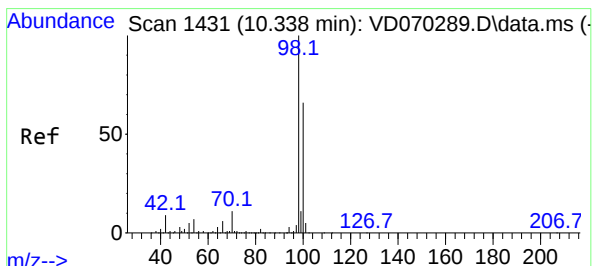
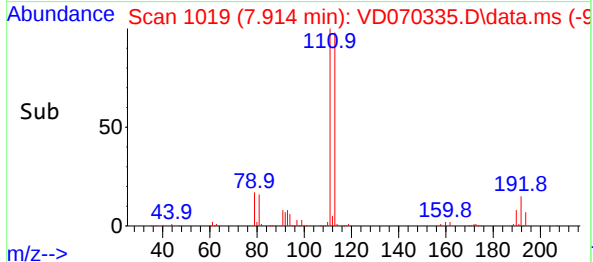
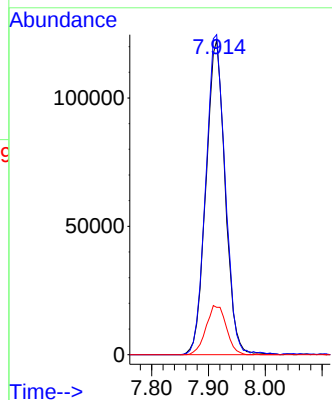
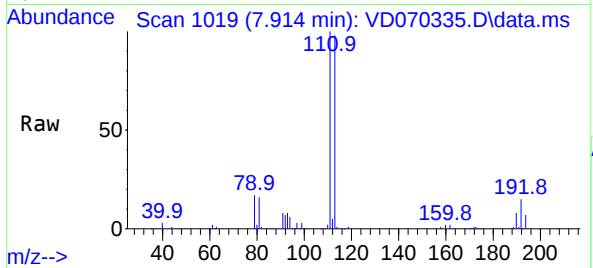


#35
Dibromofluoromethane
Concen: 50.163 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070335.D
Acq: 13 Sep 2021 19:19

Instrument :
MSVOA_D
ClientSampleId :
A010145

Tgt Ion:113 Resp: 286106

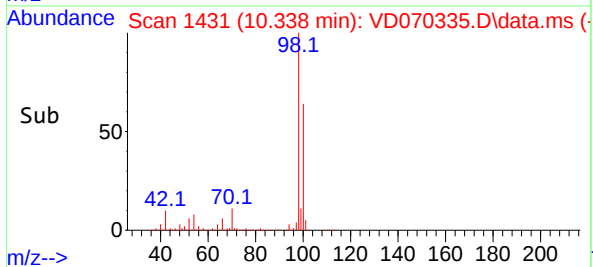
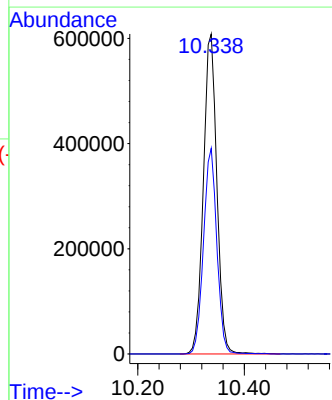
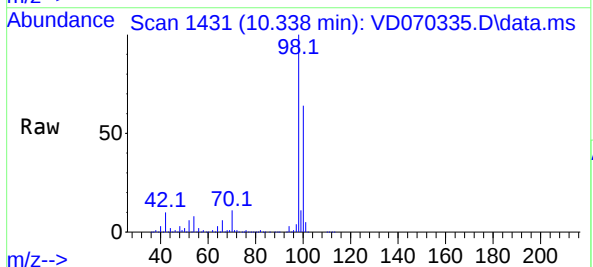
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	16.5	13.0	19.6

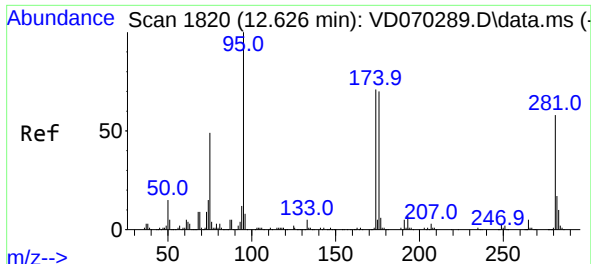


#50
Toluene-d8
Concen: 51.609 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070335.D
Acq: 13 Sep 2021 19:19

Tgt Ion: 98 Resp: 1068714

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0

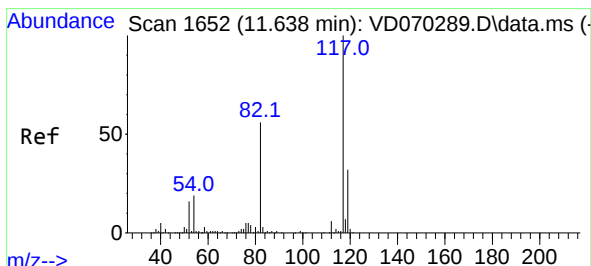
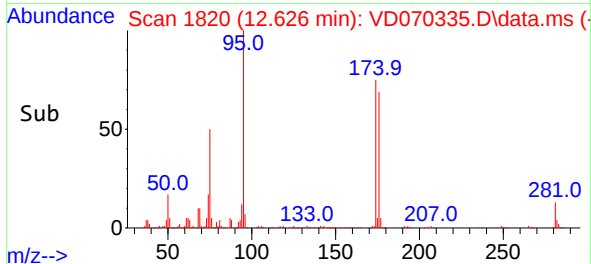
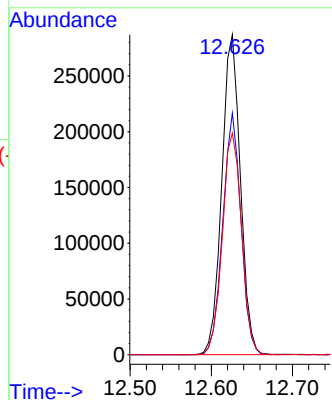
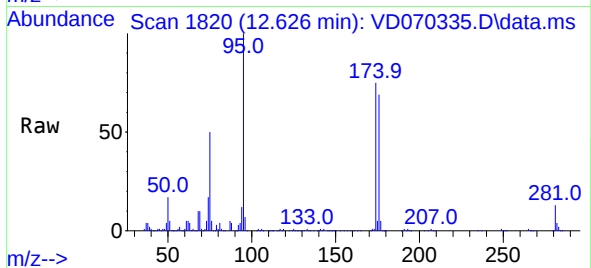




#62
4-Bromofluorobenzene
Concen: 63.242 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070335.D
Acq: 13 Sep 2021 19:19

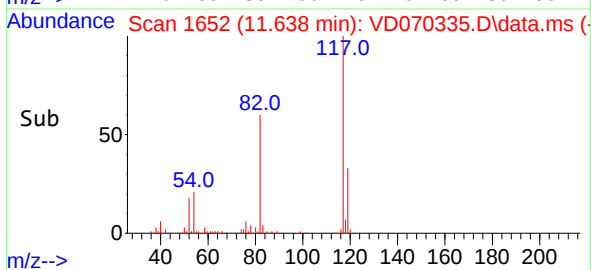
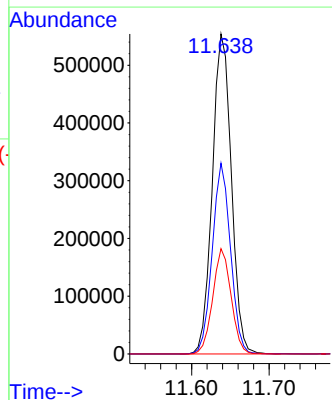
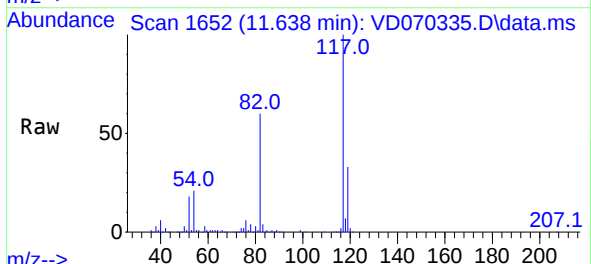
Instrument :
MSVOA_D
ClientSampled :
A010145

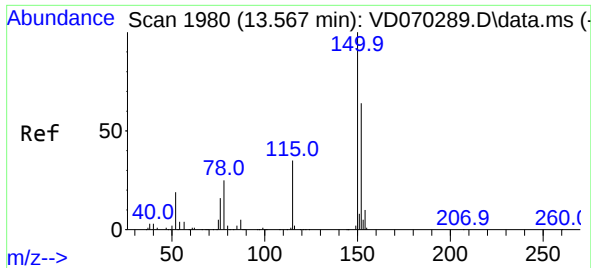
Tgt Ion: 95 Resp: 457695
Ion Ratio Lower Upper
95 100
174 73.9 0.0 140.6
176 71.3 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070335.D
Acq: 13 Sep 2021 19:19

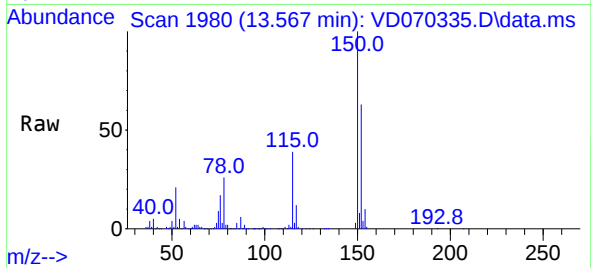
Tgt Ion: 117 Resp: 945316
Ion Ratio Lower Upper
117 100
82 59.6 45.0 67.4
119 32.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070335.D
 Acq: 13 Sep 2021 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 A010145



Tgt Ion:	152	Resp:	465666
Ion	Ratio	Lower	Upper
152	100		
115	62.0	32.1	96.3
150	156.3	0.0	350.6

