

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070323.D
 Acq On : 13 Sep 2021 13:35
 Operator : VA/SY
 Sample : M3685-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 327RE

Quant Time: Sep 14 00:52:43 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)

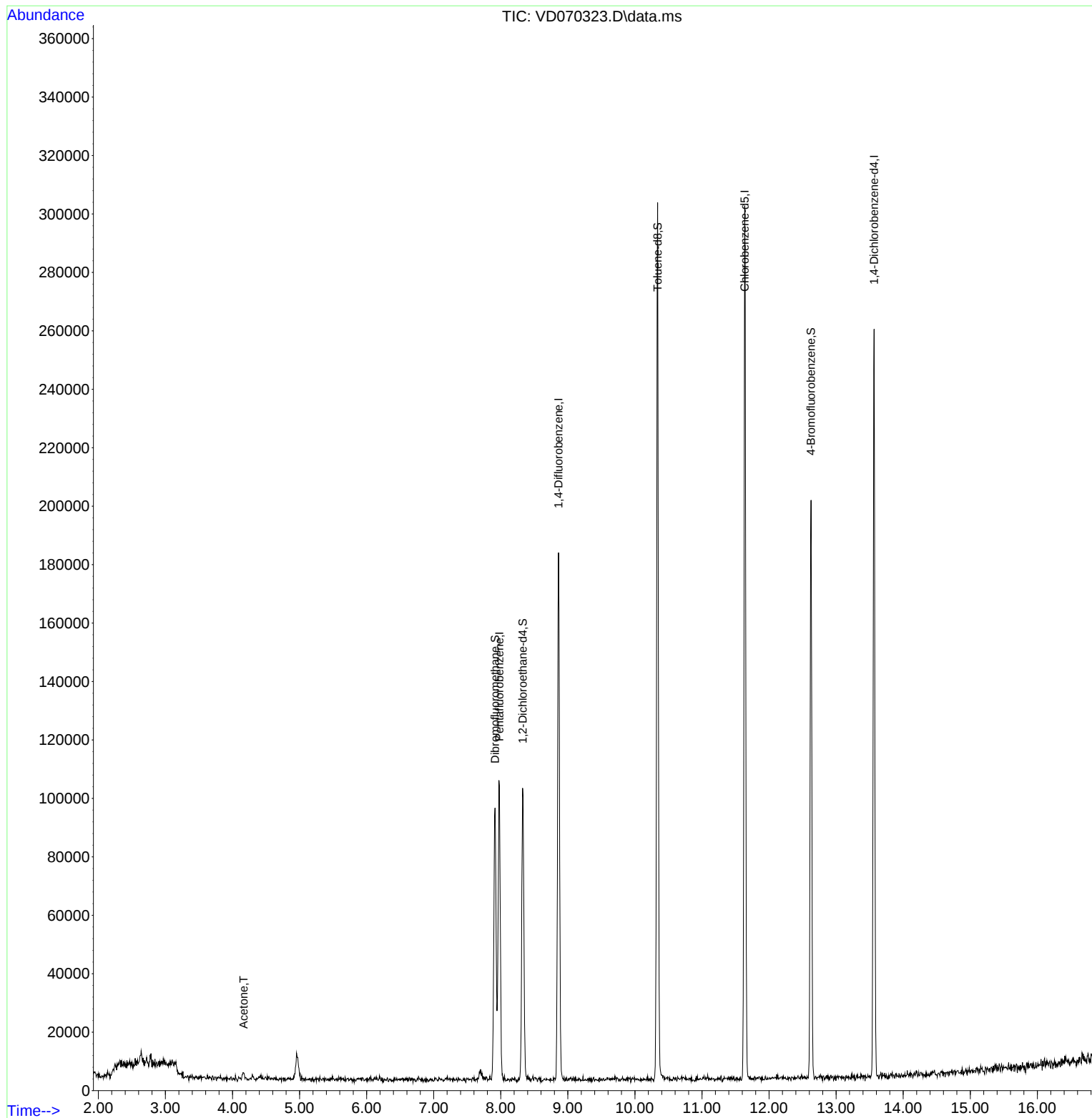
Internal Standards						
1) Pentafluorobenzene	7.979	168	70506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	151825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	174755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	67886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	79060	87.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.660%#	
35) Dibromofluoromethane	7.914	113	69983	64.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.520%	
50) Toluene-d8	10.338	98	200616	51.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.626	95	69380	50.594	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.180%	
Target Compounds						
16) Acetone	4.167	43	3487	21.574	ug/l	Qvalue # 85

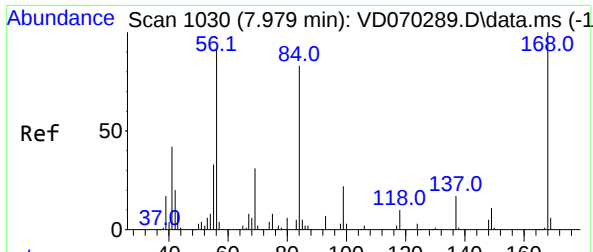
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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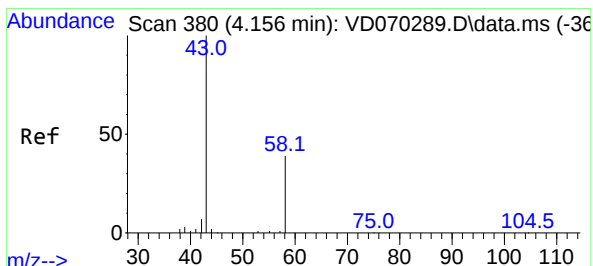
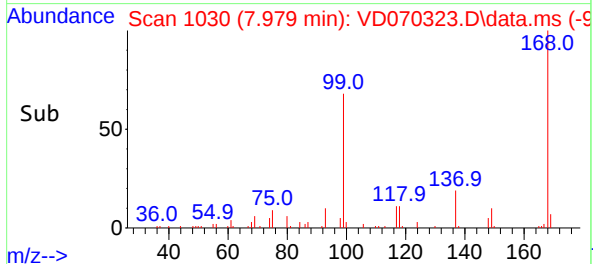
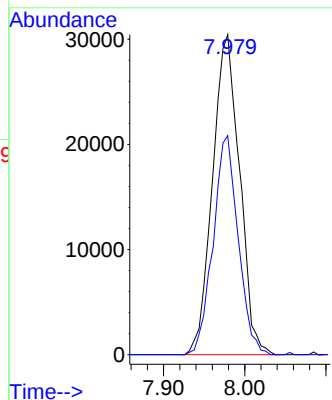
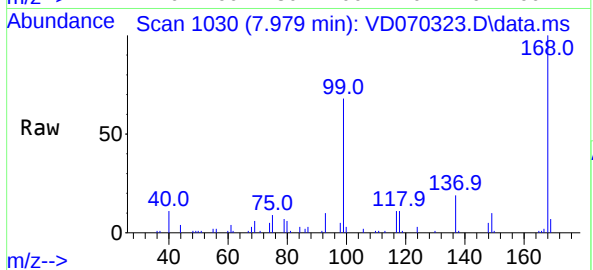




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

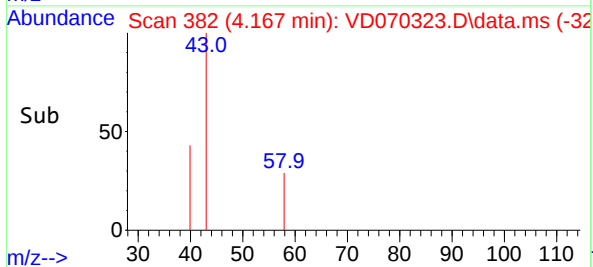
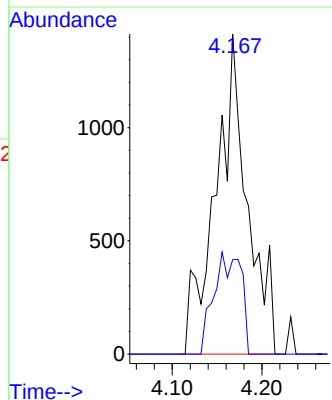
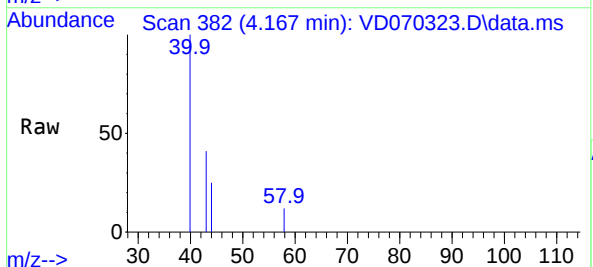
Instrument :
MSVOA_D
ClientSampleId :
327RE

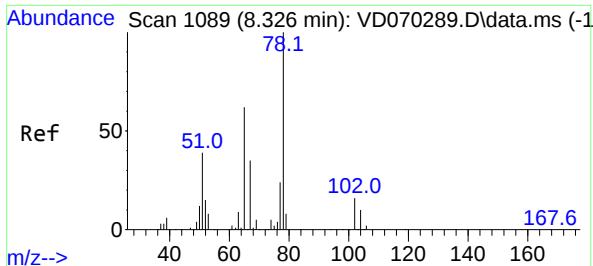
Tgt Ion:168 Resp: 70506
Ion Ratio Lower Upper
168 100
99 68.5 50.8 76.2



#16
Acetone
Concen: 21.574 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Tgt Ion: 43 Resp: 3487
Ion Ratio Lower Upper
43 100
58 29.5 30.9 46.3#

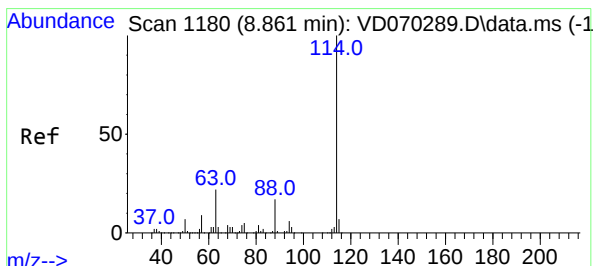
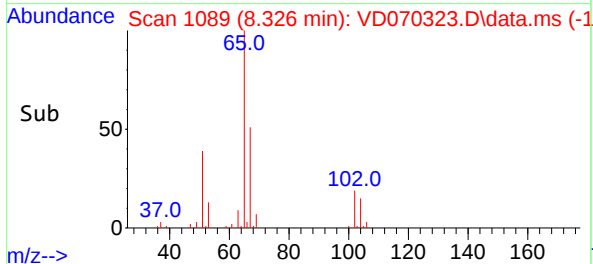
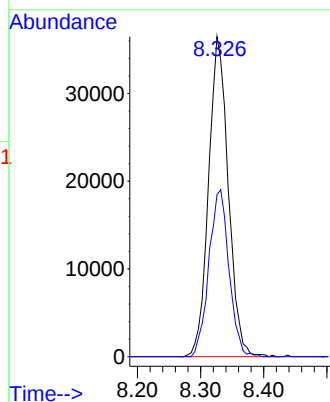
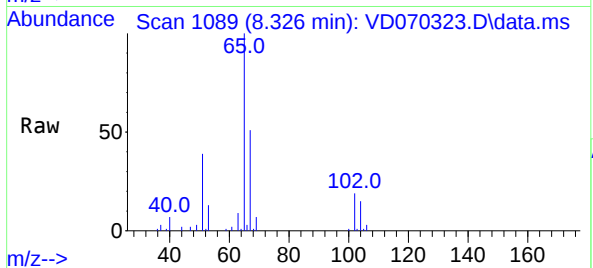




#33
1,2-Dichloroethane-d4
Concen: 87.329 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

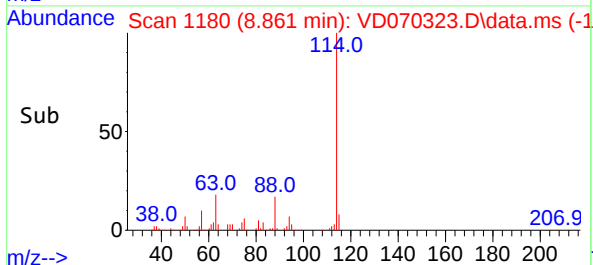
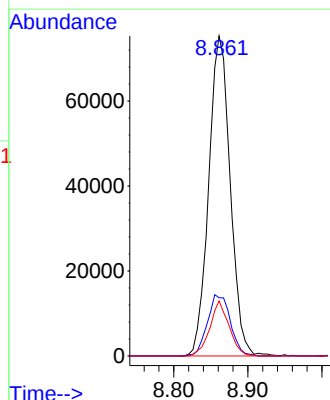
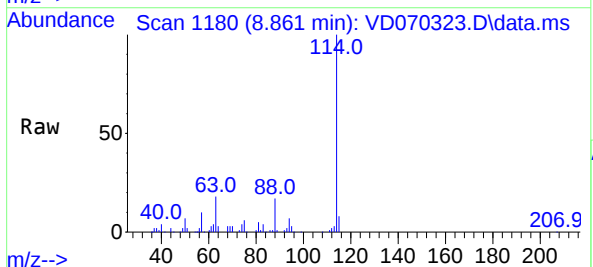
Instrument :
MSVOA_D
ClientSampled :
327RE

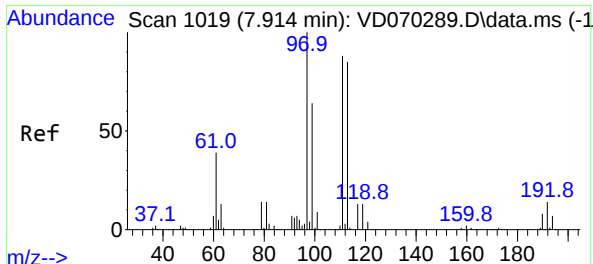
Tgt Ion: 65 Resp: 79060
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Tgt Ion: 114 Resp: 151825
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.4
88 17.2 0.0 33.4

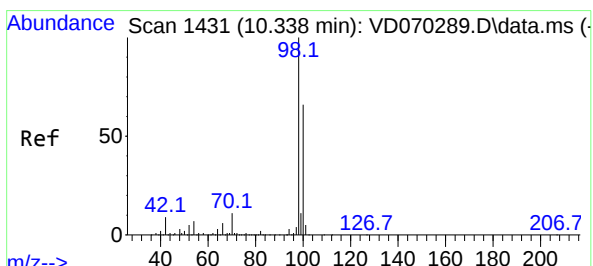
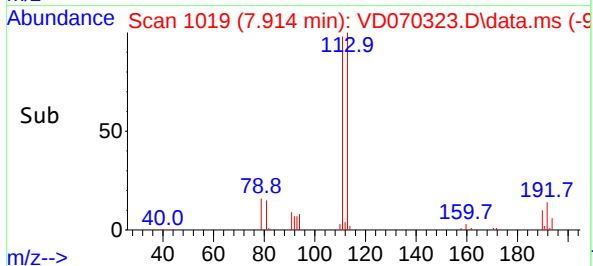
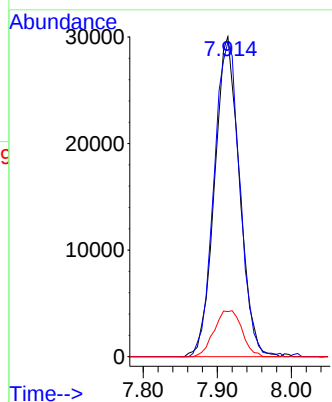
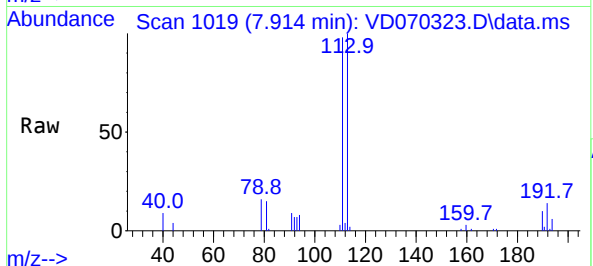




#35
Dibromofluoromethane
Concen: 64.757 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

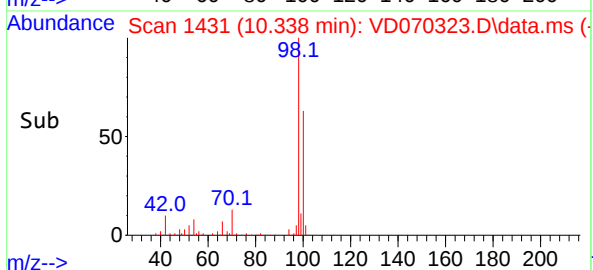
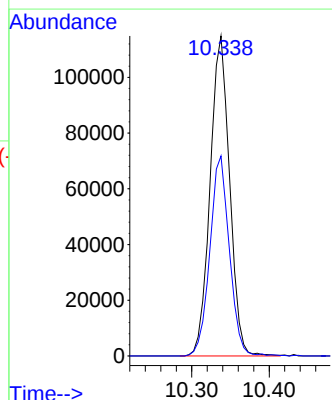
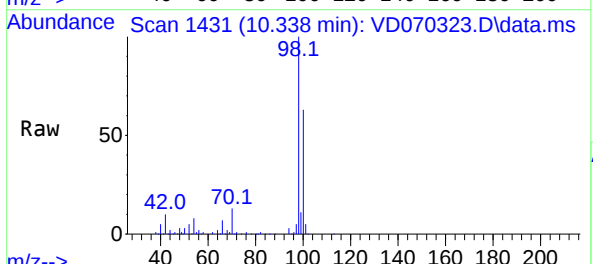
Instrument :
MSVOA_D
ClientSampleId :
327RE

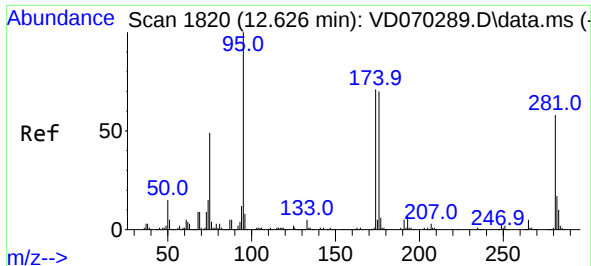
Tgt Ion:113 Resp: 69983
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 16.1 13.0 19.6



#50
Toluene-d8
Concen: 51.128 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Tgt Ion: 98 Resp: 200616
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

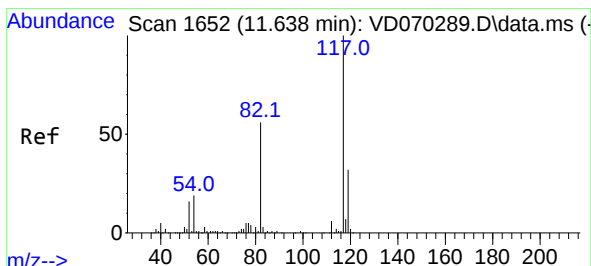
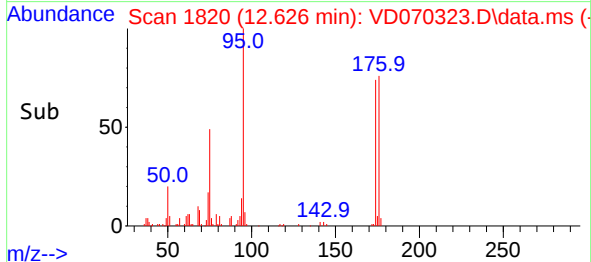
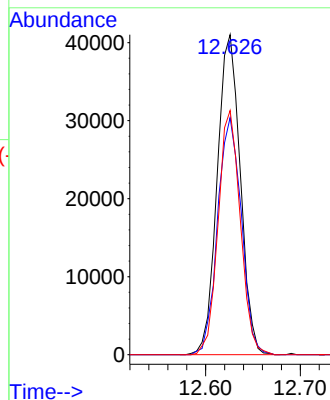
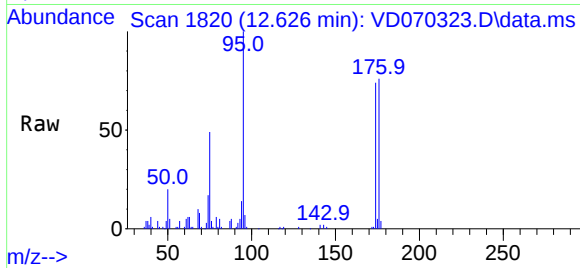




#62
4-Bromofluorobenzene
Concen: 50.594 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

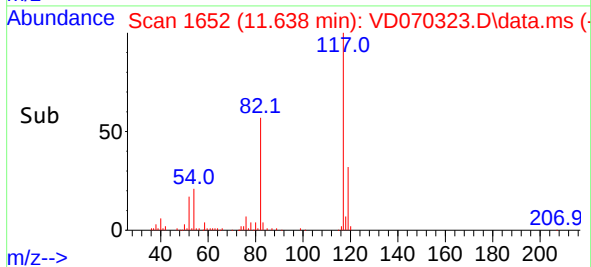
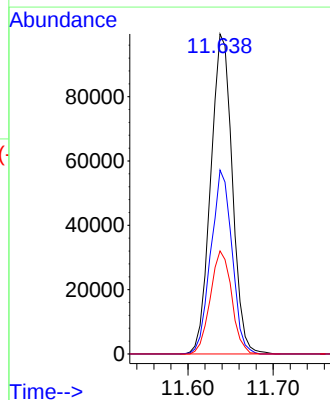
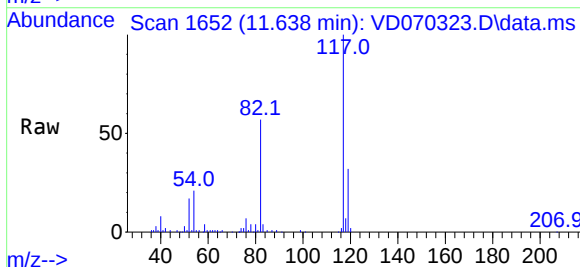
Instrument :
MSVOA_D
ClientSampled :
327RE

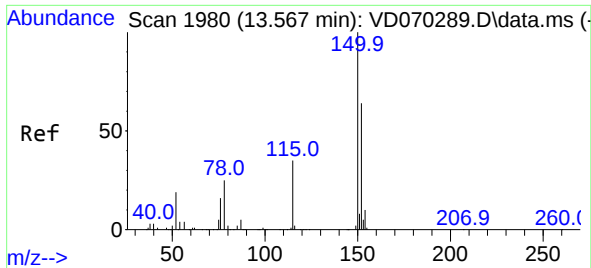
Tgt Ion: 95 Resp: 69380
Ion Ratio Lower Upper
95 100
174 76.2 0.0 140.6
176 73.3 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

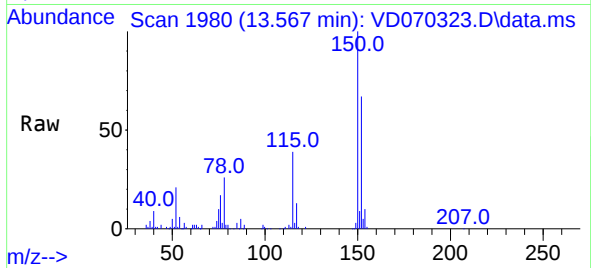
Tgt Ion:117 Resp: 174755
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070323.D
 Acq: 13 Sep 2021 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
 327RE



Tgt Ion:	152	Resp:	67886
Ion	Ratio	Lower	Upper
152	100		
115	62.0	32.1	96.3
150	156.4	0.0	350.6

