

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
 Data File : VD069542.D
 Acq On : 23 Jun 2021 13:53
 Operator : VA/SY
 Sample : M2801-02RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1ARE

Quant Time: Jun 24 06:08:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

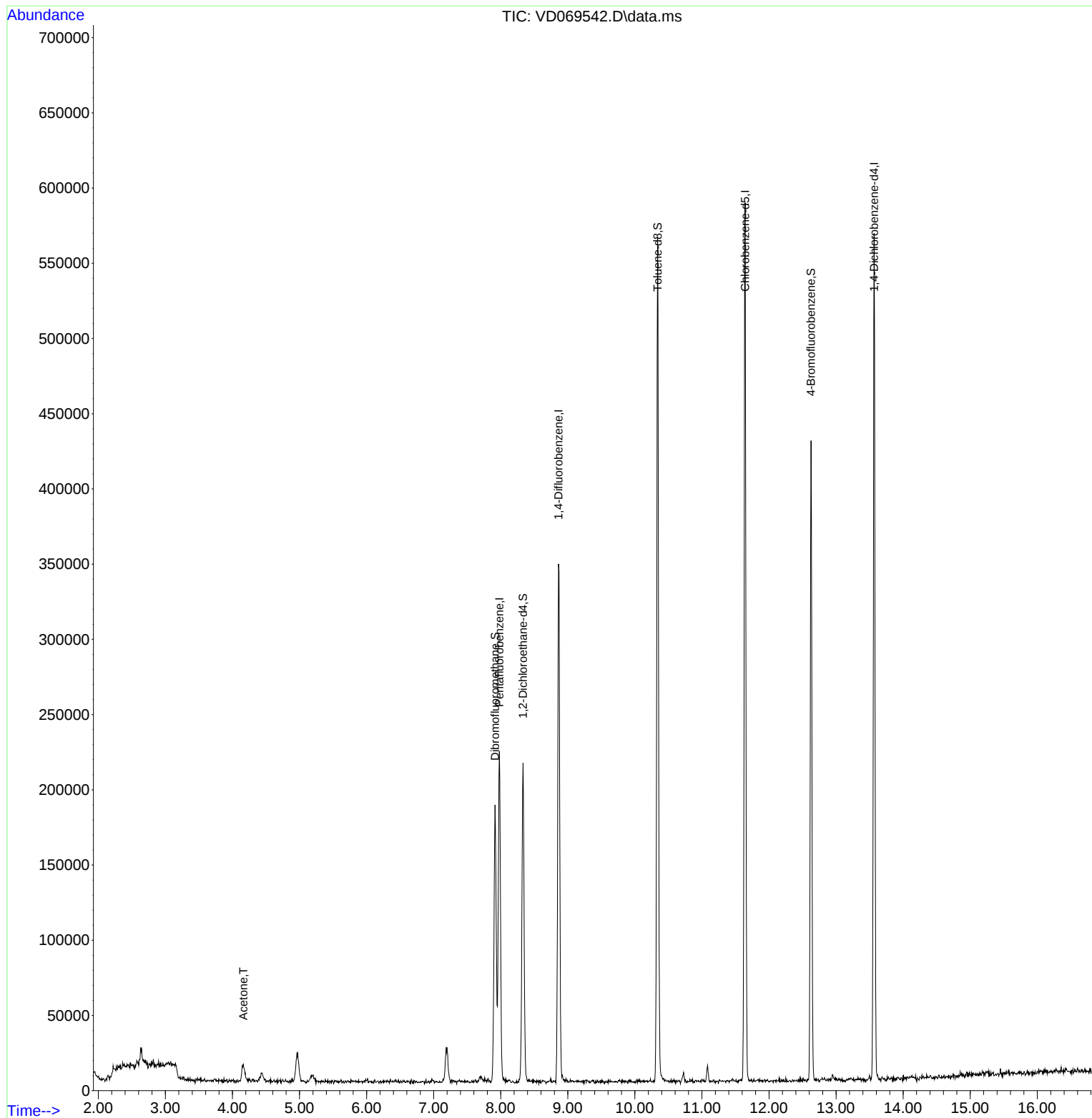
Internal Standards						
1) Pentafluorobenzene	7.979	168	145993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	288166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	336818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	146872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	166604	91.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	183.10%#
35) Dibromofluoromethane	7.914	113	128372	65.90	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.80%
50) Toluene-d8	10.338	98	380761	52.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.22%
62) 4-Bromofluorobenzene	12.626	95	142794	59.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.90%
Target Compounds						
16) Acetone	4.162	43	20527	67.02	ug/l	Qvalue 98

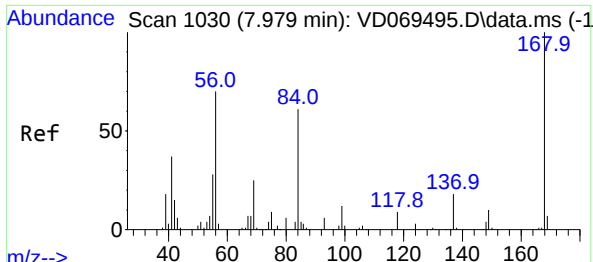
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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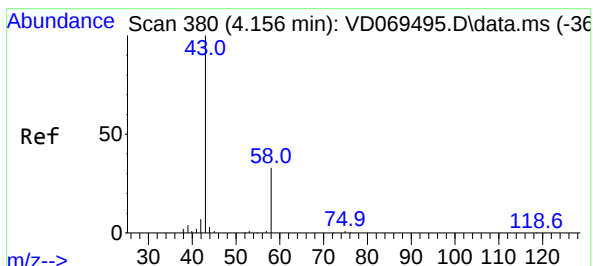
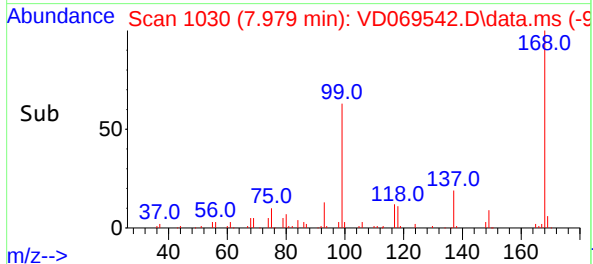
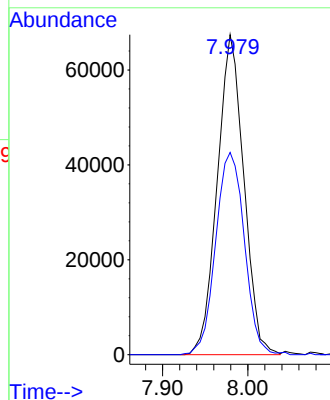
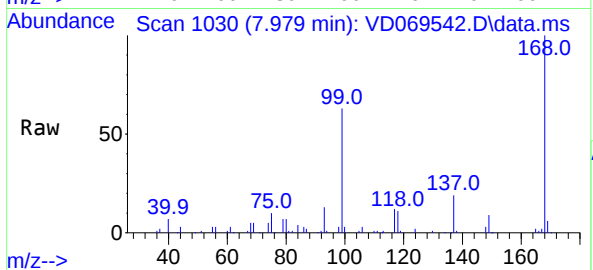




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069542.D
Acq: 23 Jun 2021 13:53

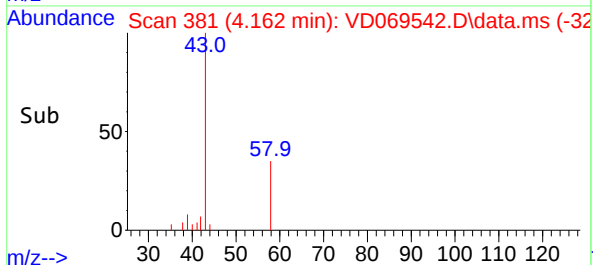
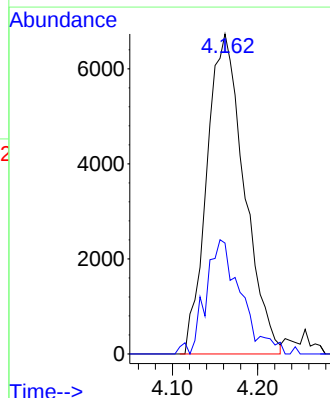
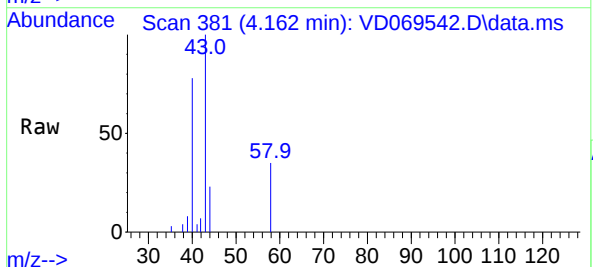
Instrument :
MSVOA_D
ClientSampleId :
S-1ARE

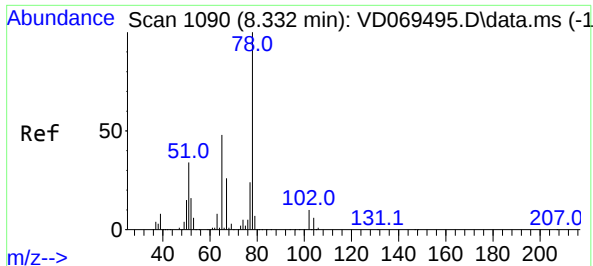
Tgt Ion:168 Resp: 145993
Ion Ratio Lower Upper
168 100
99 63.2 49.3 73.9



#16
Acetone
Concen: 67.02 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069542.D
Acq: 23 Jun 2021 13:53

Tgt Ion: 43 Resp: 20527
Ion Ratio Lower Upper
43 100
58 32.4 26.8 40.2

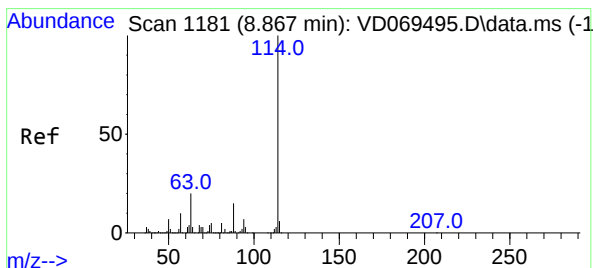
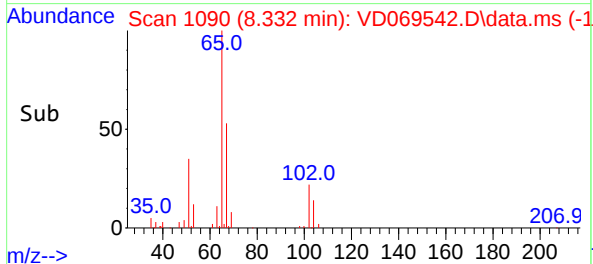
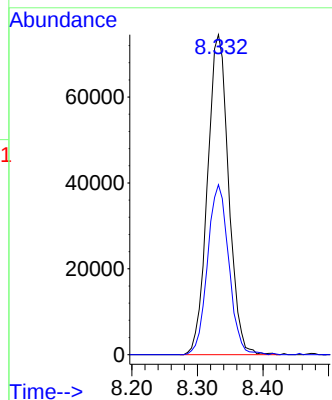
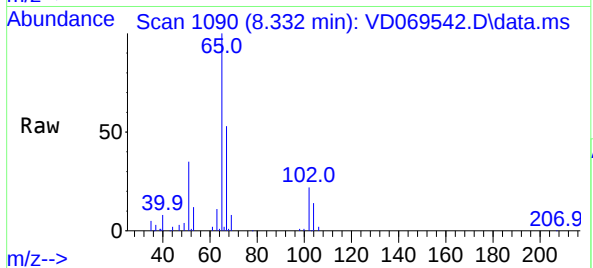




#33
1,2-Dichloroethane-d4
Concen: 91.55 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069542.D
Acq: 23 Jun 2021 13:53

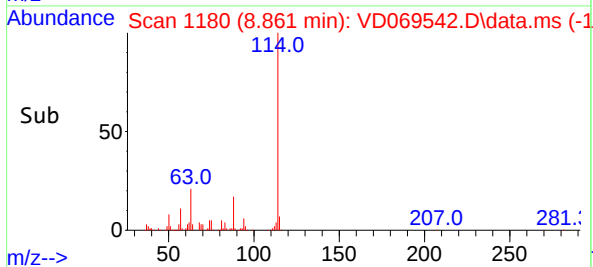
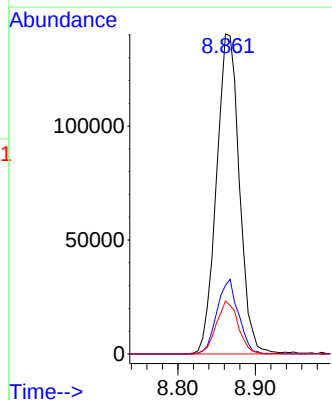
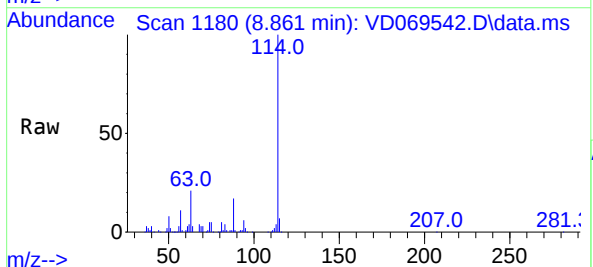
Instrument :
MSVOA_D
ClientSampleId :
S-1ARE

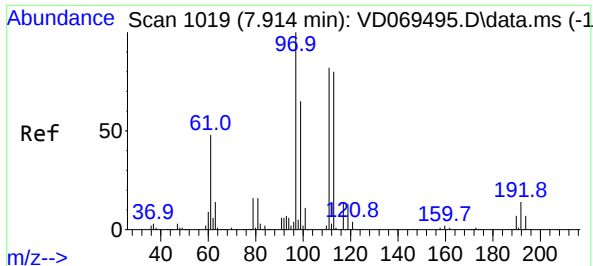
Tgt Ion: 65 Resp: 166604
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069542.D
Acq: 23 Jun 2021 13:53

Tgt Ion:114 Resp: 288166
Ion Ratio Lower Upper
114 100
63 21.5 0.0 39.6
88 16.6 0.0 29.8

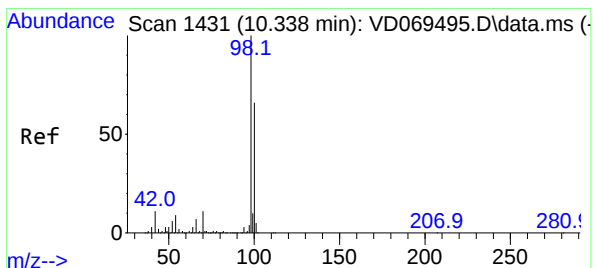
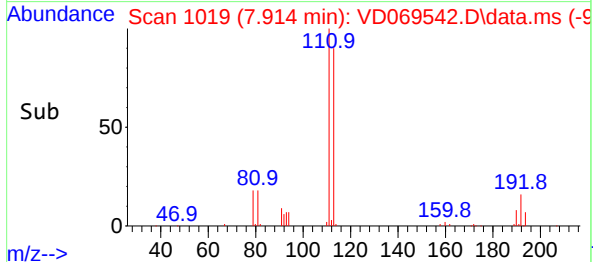
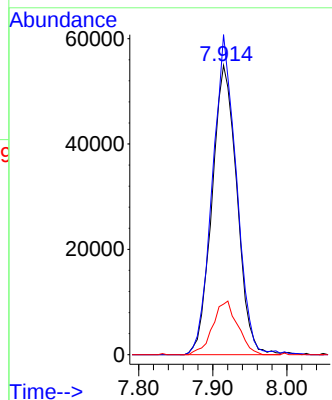
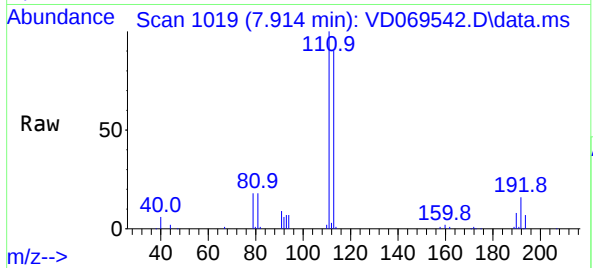




#35
Dibromofluoromethane
Concen: 65.90 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069542.D
Acq: 23 Jun 2021 13:53

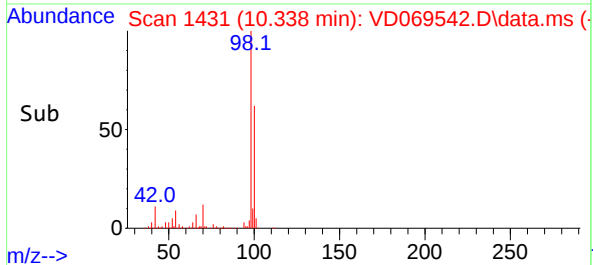
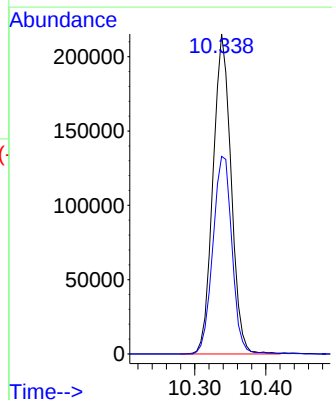
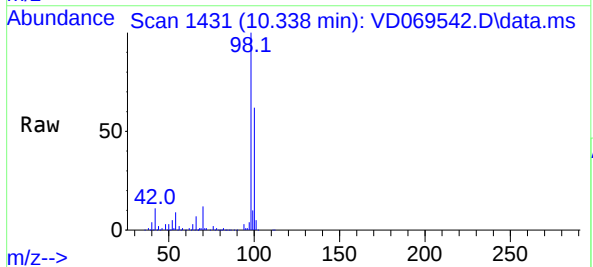
Instrument :
MSVOA_D
ClientSampleId :
S-1ARE

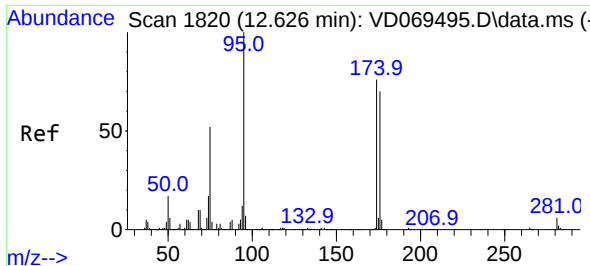
Tgt Ion:113 Resp: 128372
Ion Ratio Lower Upper
113 100
111 106.4 81.8 122.8
192 18.6 13.8 20.6



#50
Toluene-d8
Concen: 52.11 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069542.D
Acq: 23 Jun 2021 13:53

Tgt Ion: 98 Resp: 380761
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

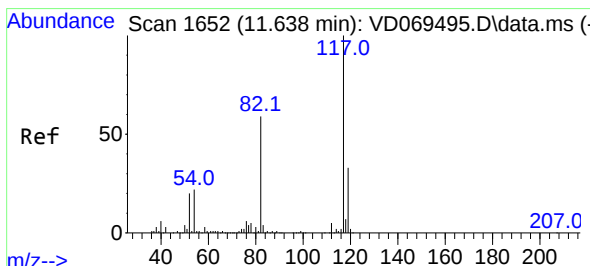
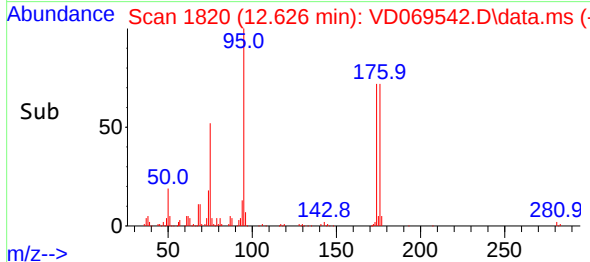
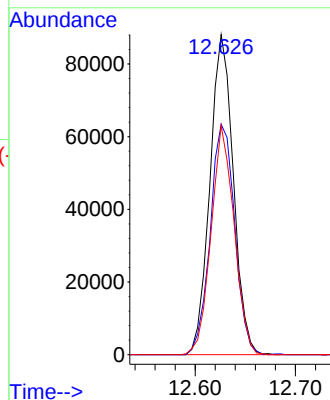
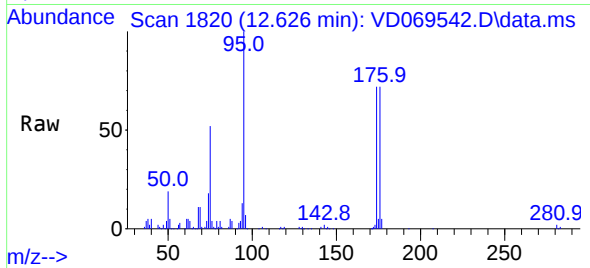




#62
4-Bromofluorobenzene
Concen: 59.45 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069542.D
Acq: 23 Jun 2021 13:53

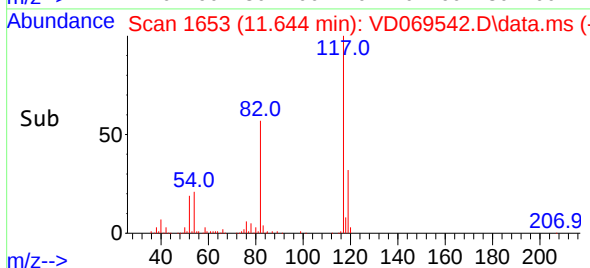
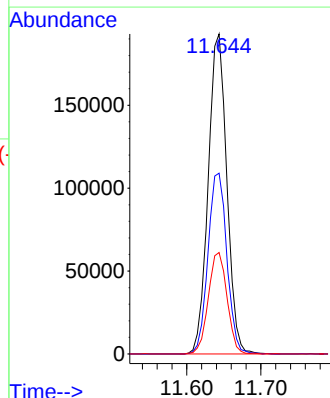
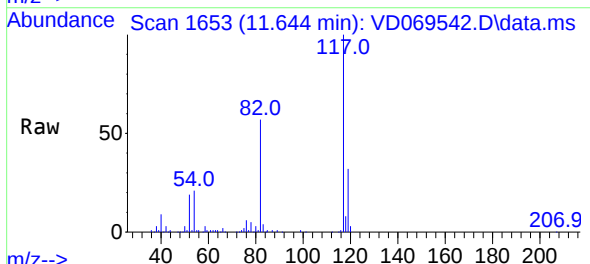
Instrument :
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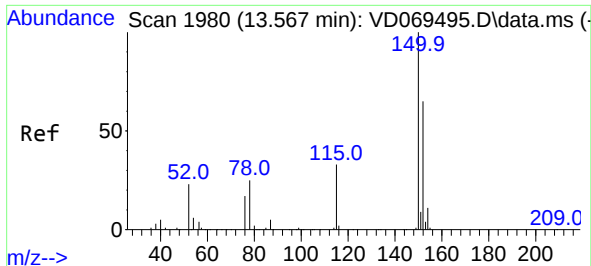
Tgt Ion: 95 Resp: 142794
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.0
176 70.3 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069542.D
Acq: 23 Jun 2021 13:53

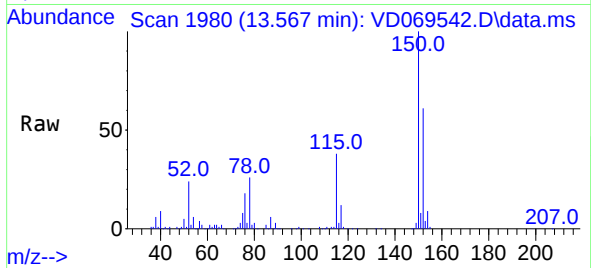
Tgt Ion: 117 Resp: 336818
Ion Ratio Lower Upper
117 100
82 56.5 46.8 70.2
119 31.7 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069542.D
 Acq: 23 Jun 2021 13:53

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1ARE



Tgt Ion:152 Resp: 146872
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.7 95.1
 150 157.1 0.0 350.8

