

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071334.D
 Acq On : 15 Dec 2021 11:17
 Operator : VA/SY
 Sample : VD1215SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBL01

Quant Time: Dec 16 04:24:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	258354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	455450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	416838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	192375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162739	53.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.360%	
35) Dibromofluoromethane	7.914	113	151096	52.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.338	98	499845	45.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.580%	
62) 4-Bromofluorobenzene	12.620	95	179855	47.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.020%	

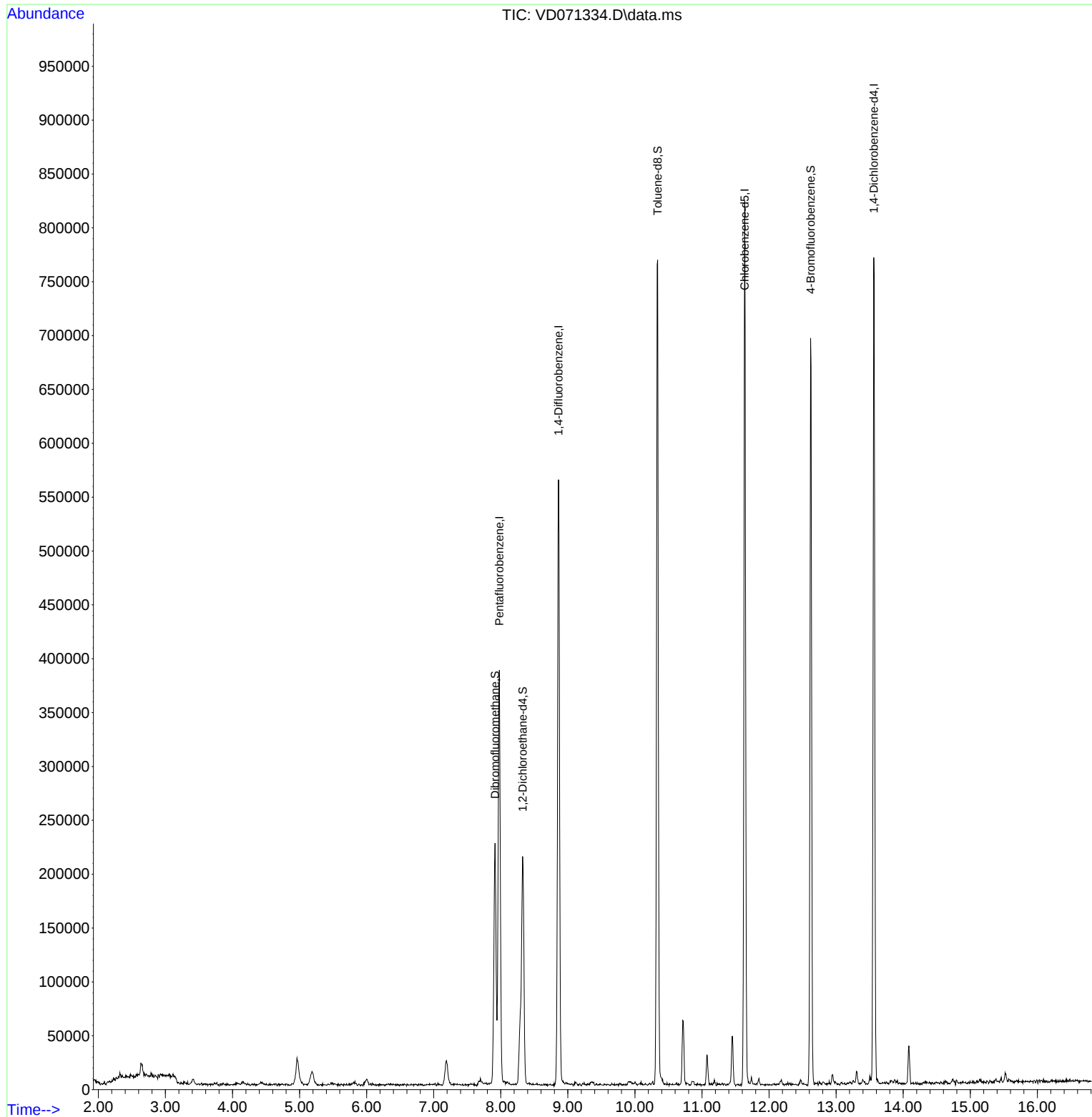
Target Compounds	Qvalue

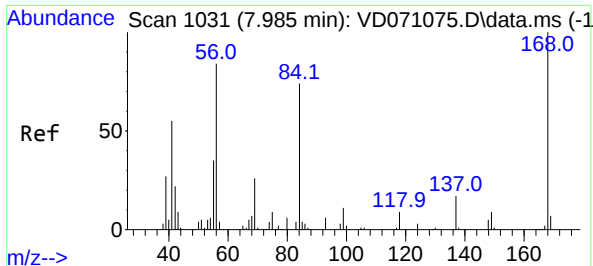
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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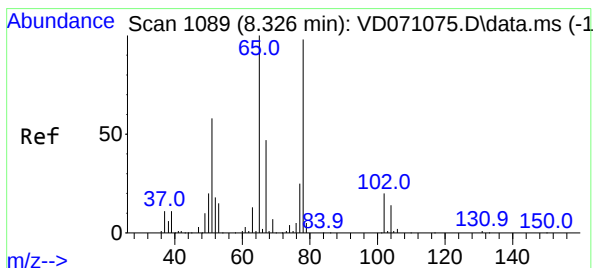
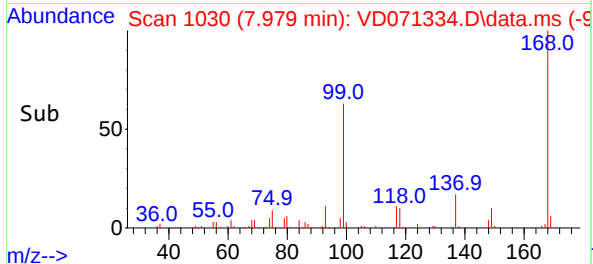
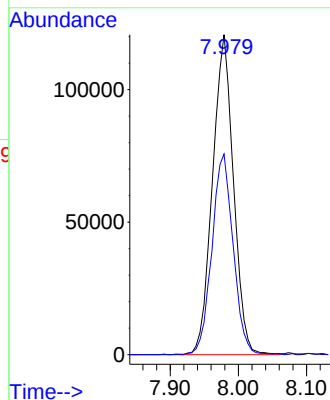
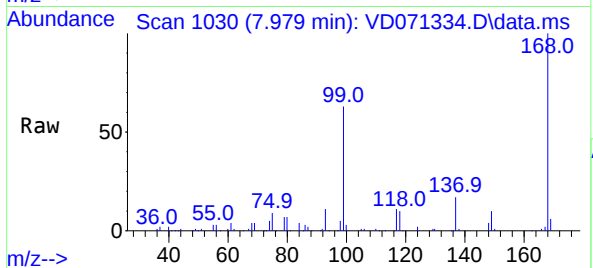




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071334.D
Acq: 15 Dec 2021 11:17

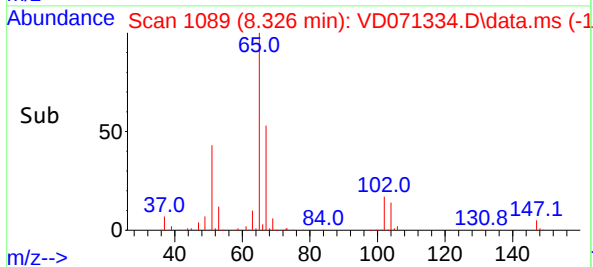
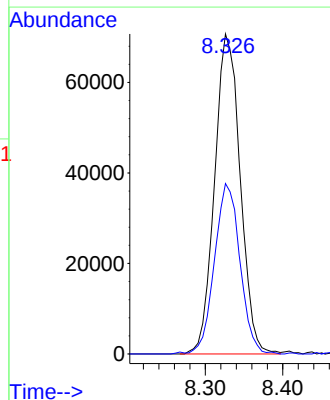
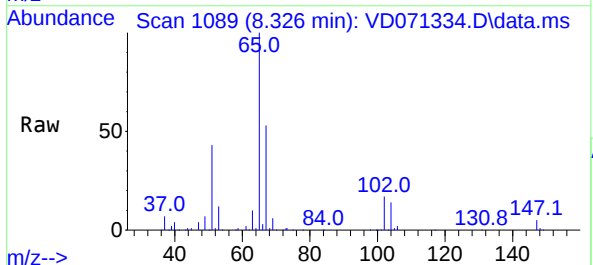
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBL01

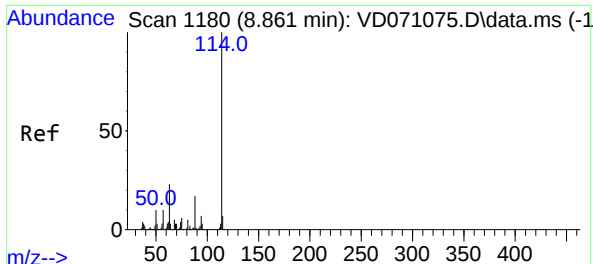
Tgt Ion:168 Resp: 258354
Ion Ratio Lower Upper
168 100
99 62.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.683 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071334.D
Acq: 15 Dec 2021 11:17

Tgt Ion: 65 Resp: 162739
Ion Ratio Lower Upper
65 100
67 53.0 0.0 112.2

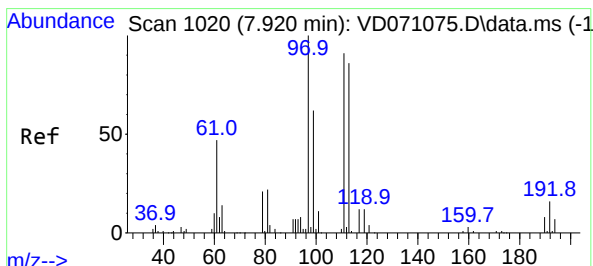
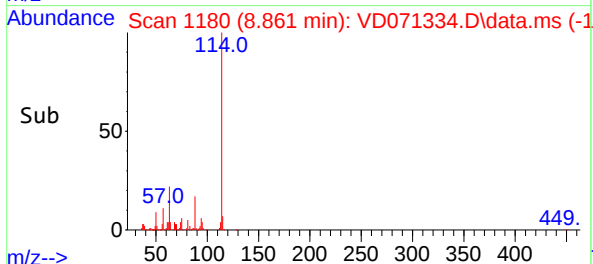
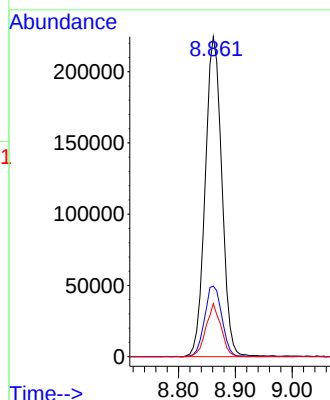
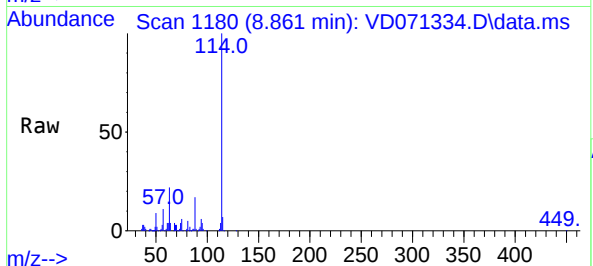




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071334.D
Acq: 15 Dec 2021 11:17

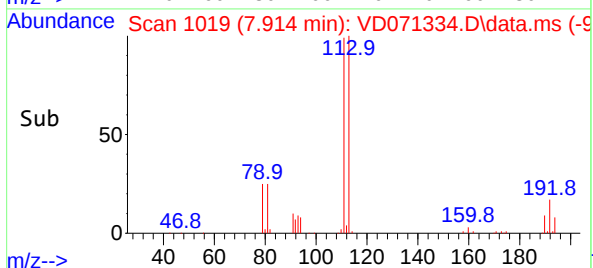
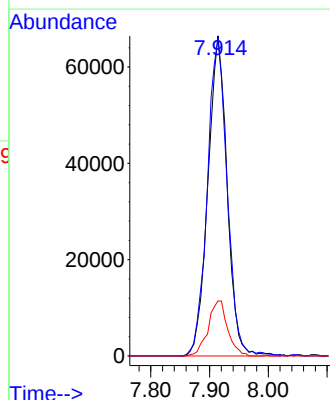
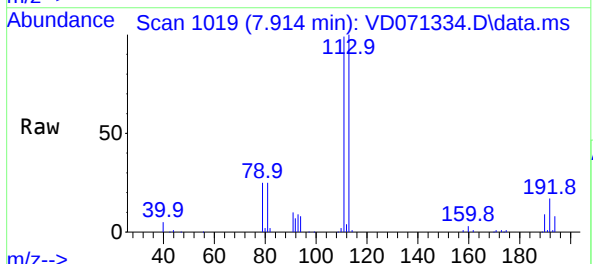
Instrument :
MSVOA_D
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VD1215SBL01

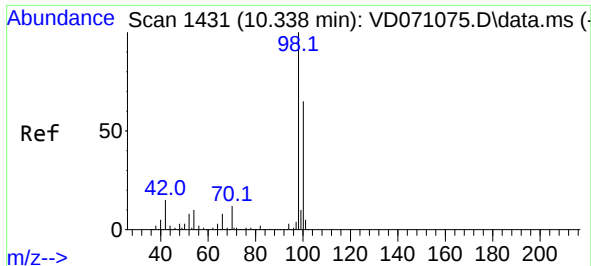
Tgt Ion:114 Resp: 455450
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.097 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071334.D
Acq: 15 Dec 2021 11:17

Tgt Ion:113 Resp: 151096
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 17.4 15.2 22.8

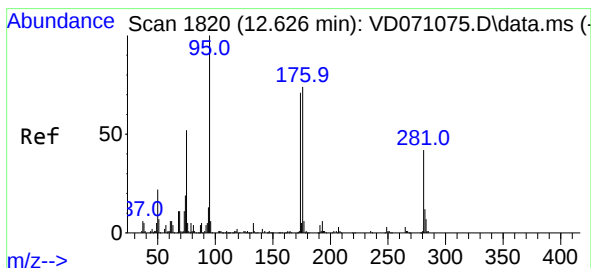
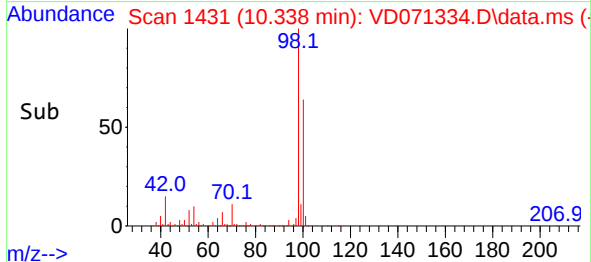
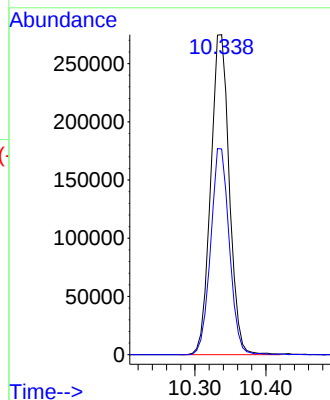
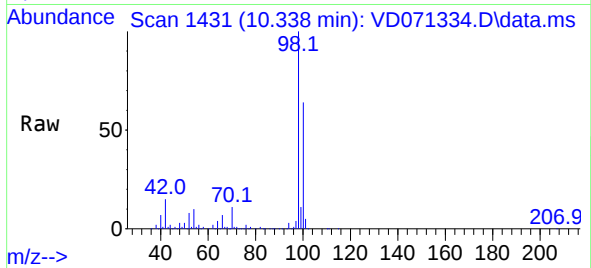




#50
Toluene-d8
Concen: 45.288 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071334.D
Acq: 15 Dec 2021 11:17

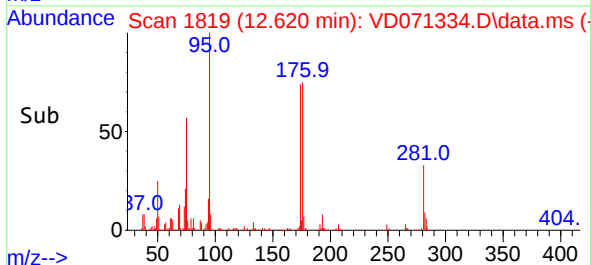
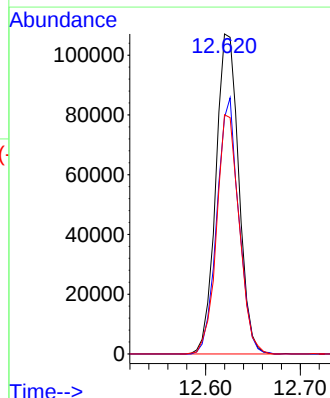
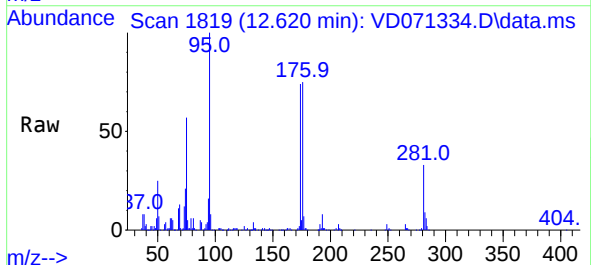
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBL01

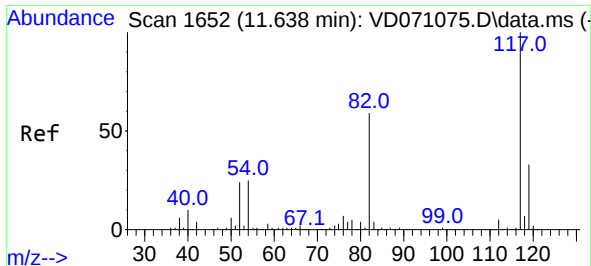
Tgt Ion: 98 Resp: 499845
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.011 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071334.D
Acq: 15 Dec 2021 11:17

Tgt Ion: 95 Resp: 179855
Ion Ratio Lower Upper
95 100
174 76.1 0.0 159.4
176 73.8 0.0 154.0

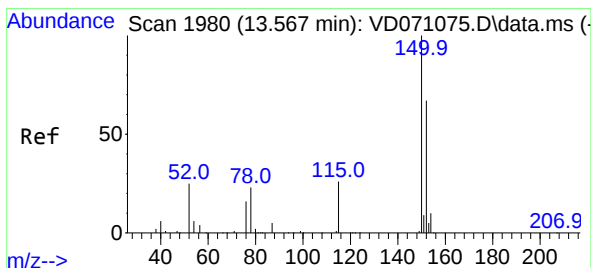
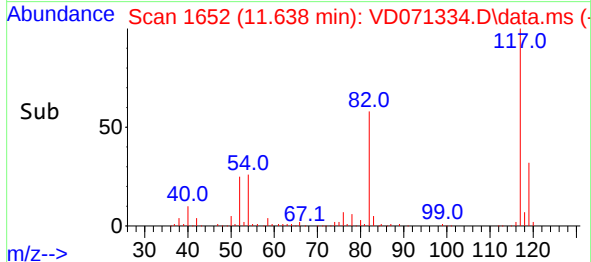
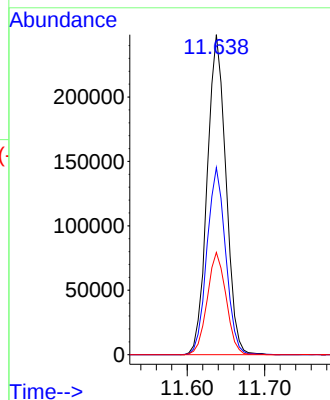
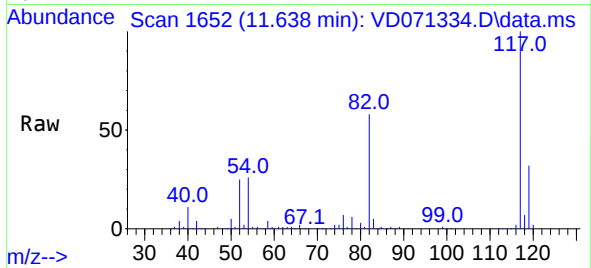




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071334.D
Acq: 15 Dec 2021 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD1215SBL01

Tgt Ion:117 Resp: 416838
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071334.D
Acq: 15 Dec 2021 11:17

Tgt Ion:152 Resp: 192375
Ion Ratio Lower Upper
152 100
115 59.1 29.8 89.3
150 157.2 0.0 349.2

