

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071314.D
 Acq On : 14 Dec 2021 12:11
 Operator : VA/SY
 Sample : M5022-09RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP10RE

Quant Time: Dec 15 08:27:29 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	50896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	86668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	109707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	59278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	43914	73.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.060%
35) Dibromofluoromethane	7.920	113	32669	59.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.380%
50) Toluene-d8	10.337	98	118598	56.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.940%
62) 4-Bromofluorobenzene	12.626	95	55614	76.391	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	152.780%#

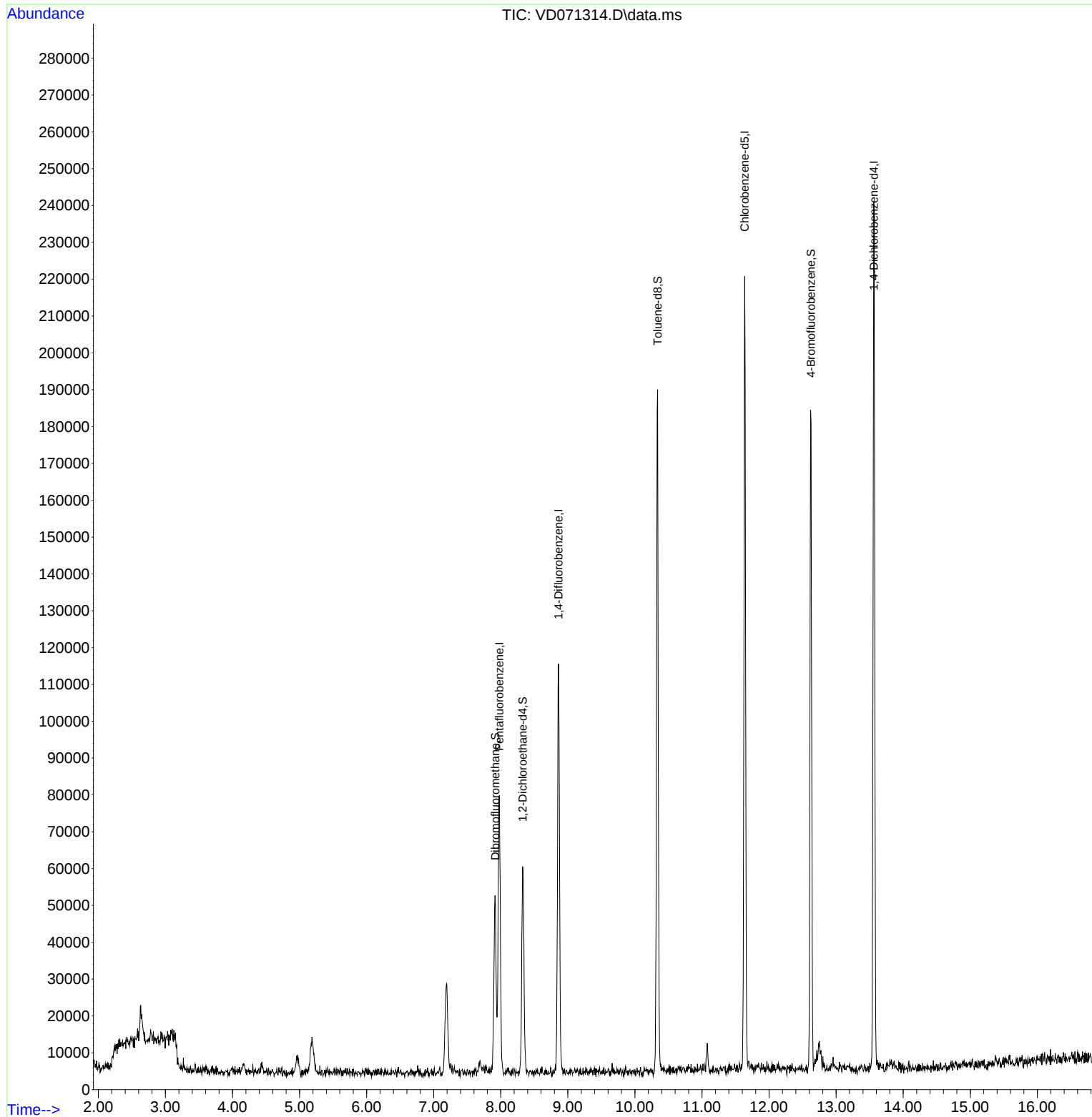
Target Compounds	Qvalue

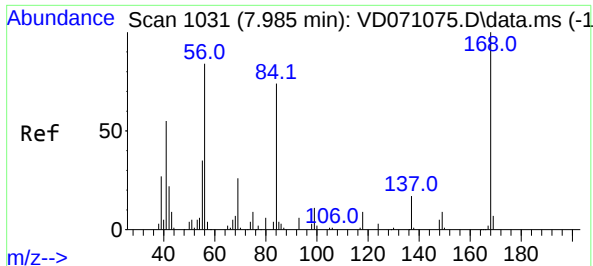
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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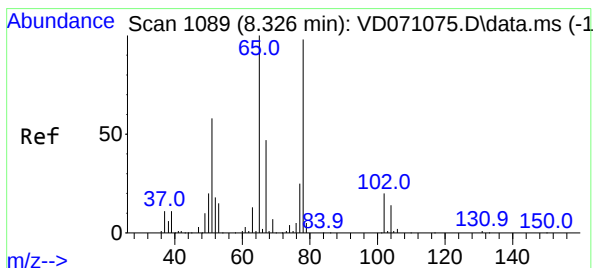
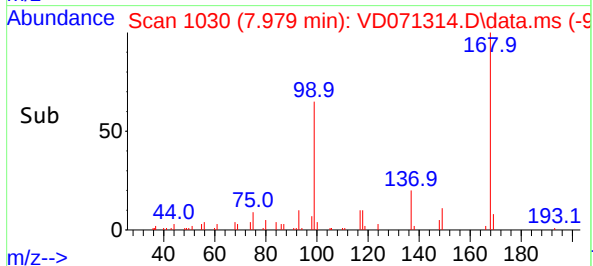
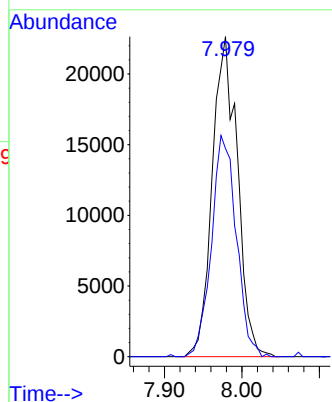
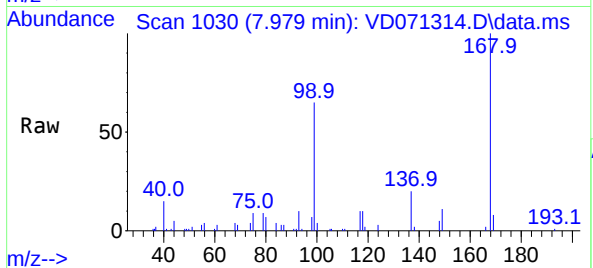




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071314.D
Acq: 14 Dec 2021 12:11

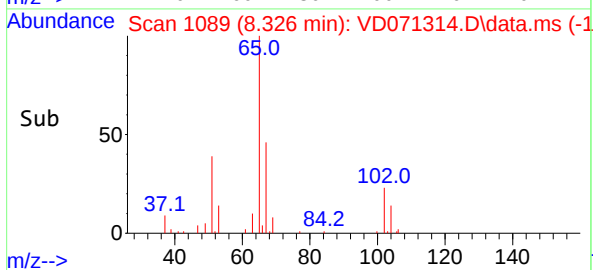
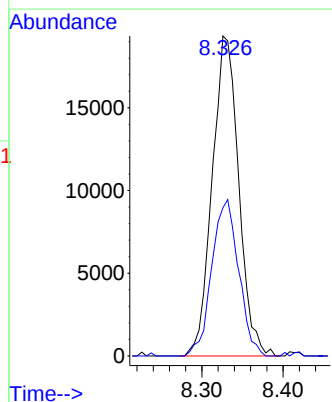
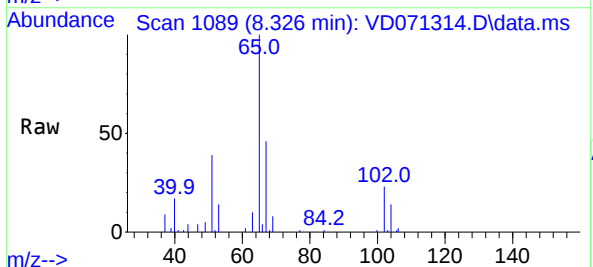
Instrument :
MSVOA_D
ClientSampleId :
TP10RE

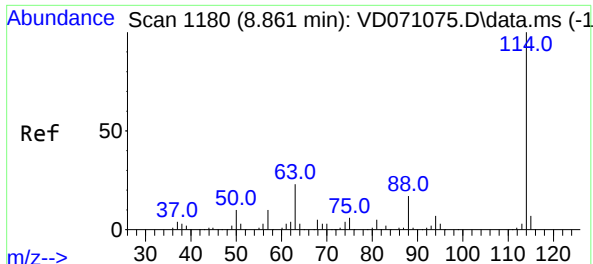
Tgt Ion:168 Resp: 50896
Ion Ratio Lower Upper
168 100
99 65.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 73.532 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071314.D
Acq: 14 Dec 2021 12:11

Tgt Ion: 65 Resp: 43914
Ion Ratio Lower Upper
65 100
67 49.5 0.0 112.2

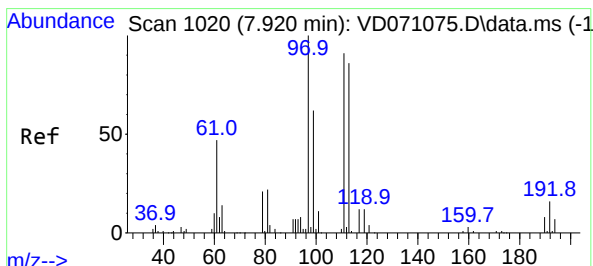
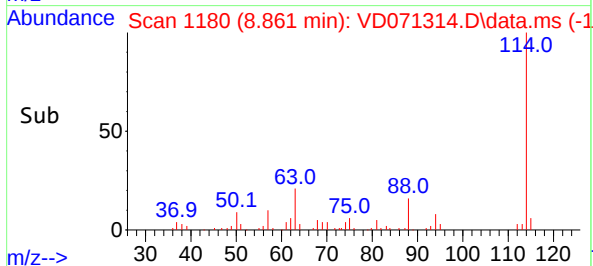
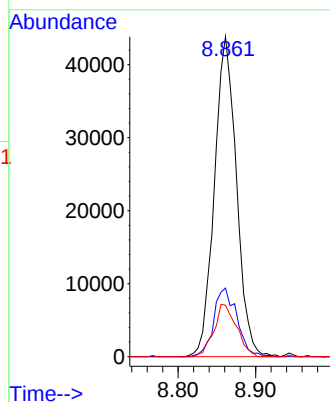
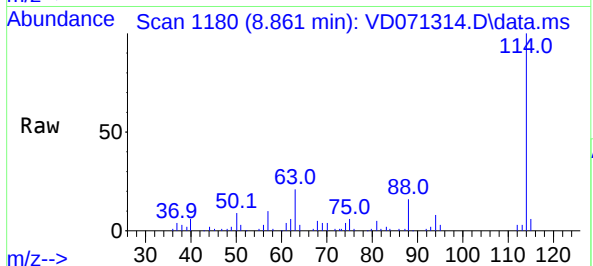




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071314.D
Acq: 14 Dec 2021 12:11

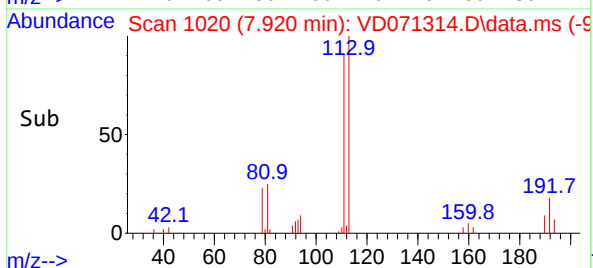
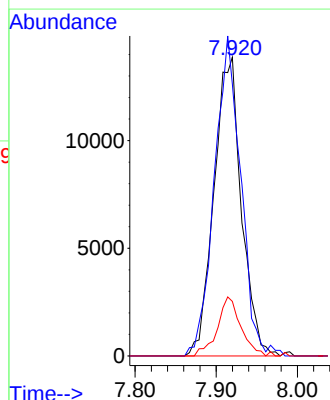
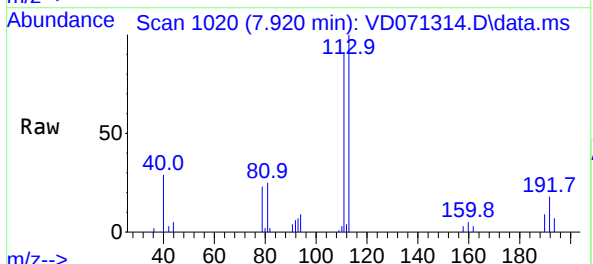
Instrument :
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TP10RE

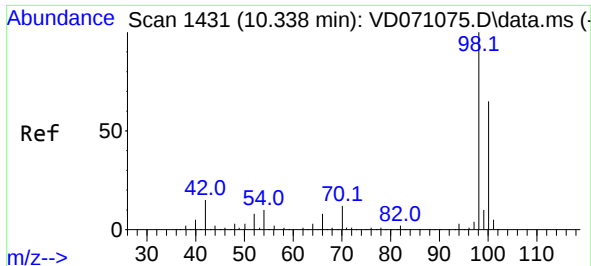
Tgt Ion:114 Resp: 86668
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 59.194 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD071314.D
Acq: 14 Dec 2021 12:11

Tgt Ion:113 Resp: 32669
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 17.0 15.2 22.8

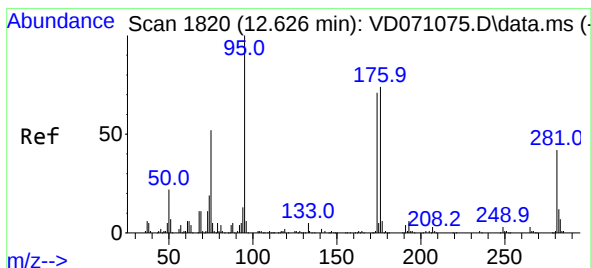
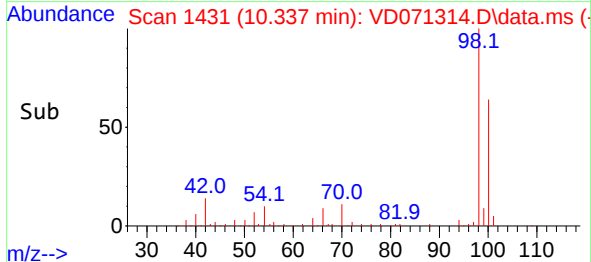
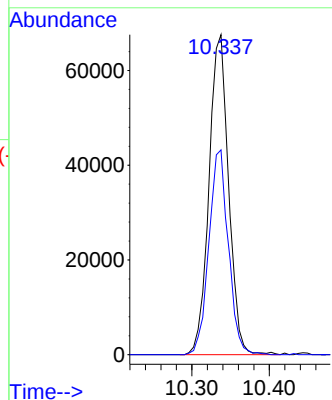
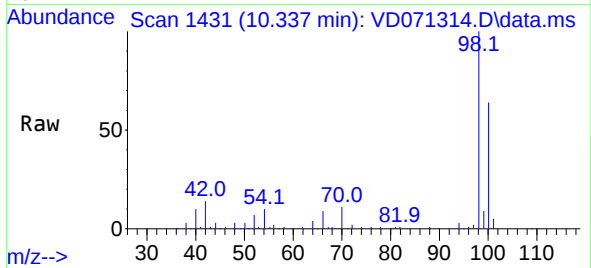




#50
Toluene-d8
Concen: 56.469 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD071314.D
Acq: 14 Dec 2021 12:11

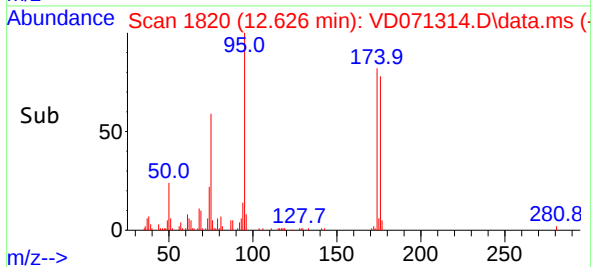
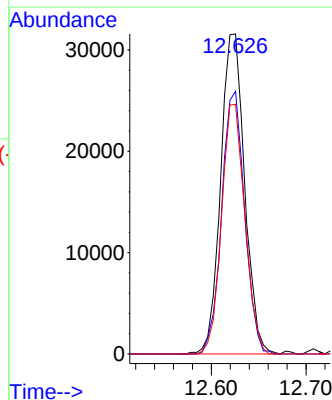
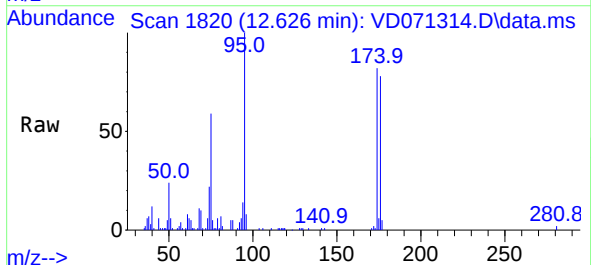
Instrument :
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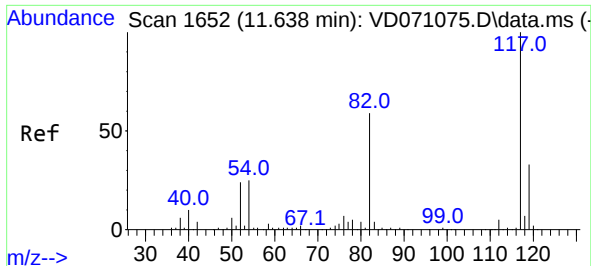
Tgt Ion: 98 Resp: 118598
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 76.391 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071314.D
Acq: 14 Dec 2021 12:11

Tgt Ion: 95 Resp: 55614
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.4
176 75.8 0.0 154.0

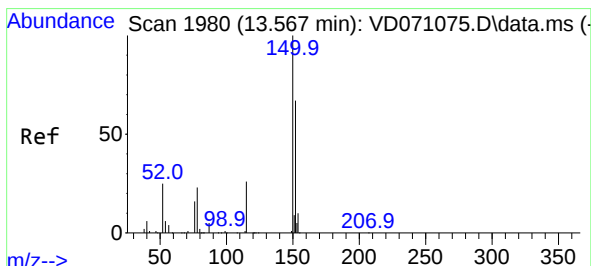
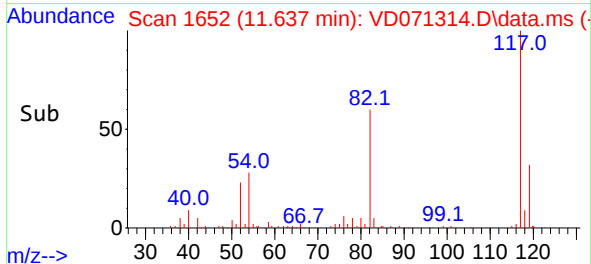
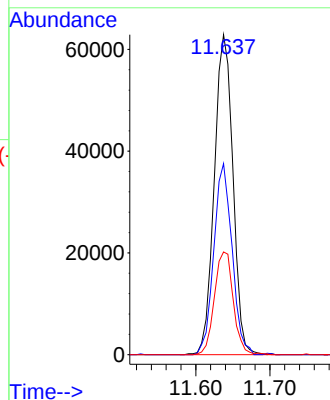
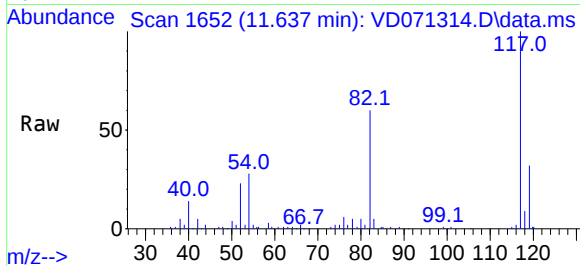




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071314.D
Acq: 14 Dec 2021 12:11

Instrument :
MSVOA_D
ClientSampleId :
TP10RE

Tgt Ion:117 Resp: 109707
Ion Ratio Lower Upper
117 100
82 59.7 44.7 67.1
119 32.1 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: VD071314.D
Acq: 14 Dec 2021 12:11

Tgt Ion:152 Resp: 59278
Ion Ratio Lower Upper
152 100
115 59.6 29.8 89.3
150 150.6 0.0 349.2

