

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071763.D
 Acq On : 20 Jan 2022 15:42
 Operator : VA/SY
 Sample : N1204-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PS-MH-SOIL

Quant Time: Jan 21 03:16:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	304482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	583674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	537022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	226685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214646	54.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.580%
35) Dibromofluoromethane	7.908	113	197683	51.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.500%
50) Toluene-d8	10.331	98	766590	53.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.180%
62) 4-Bromofluorobenzene	12.625	95	230075	45.219	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.440%

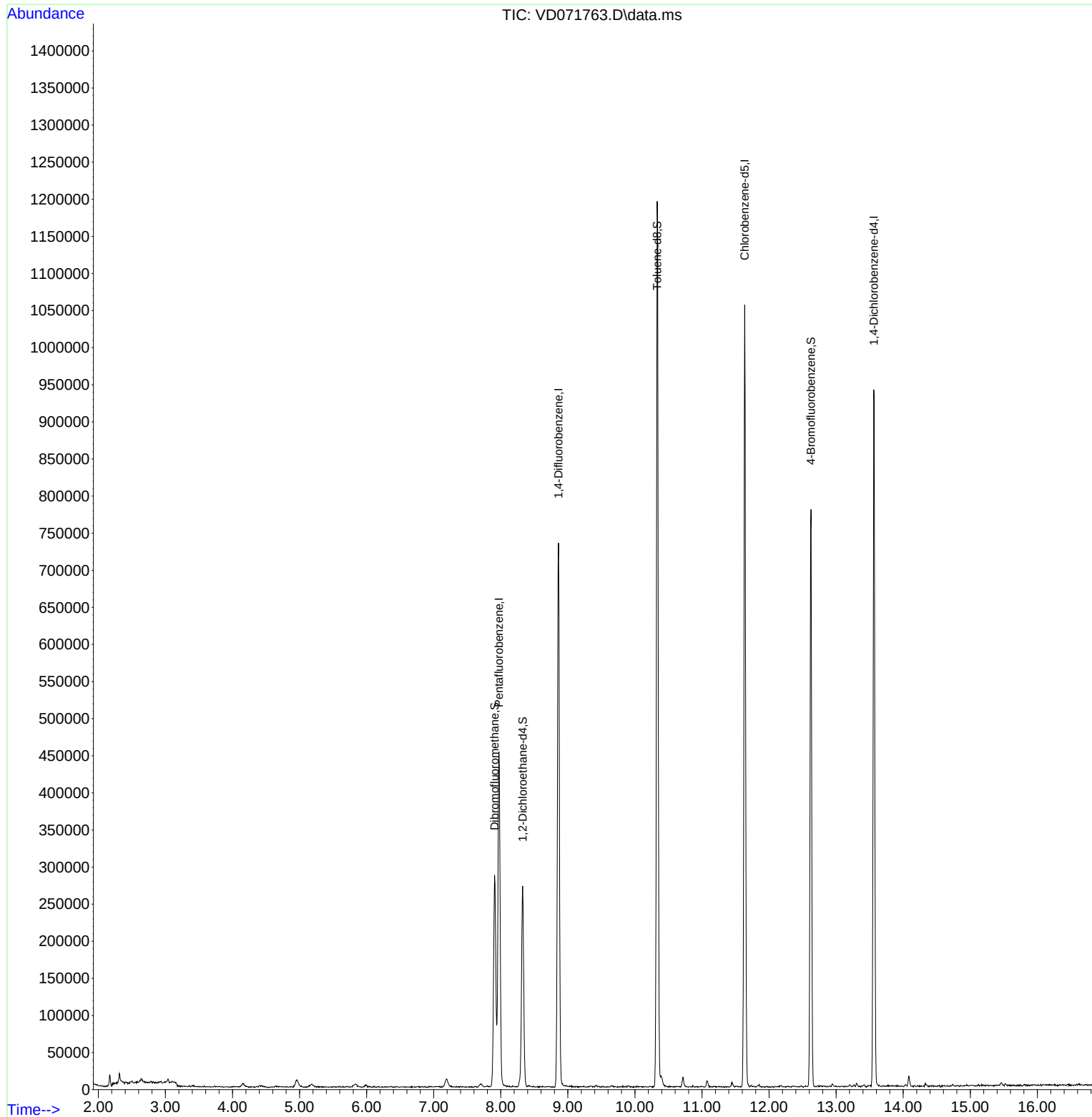
Target Compounds	Qvalue

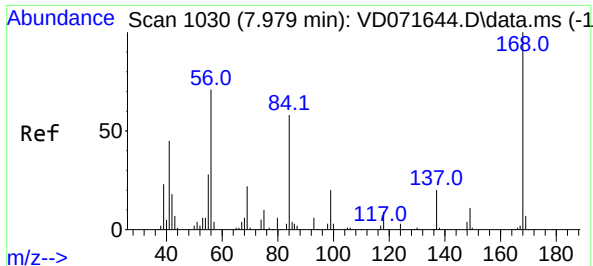
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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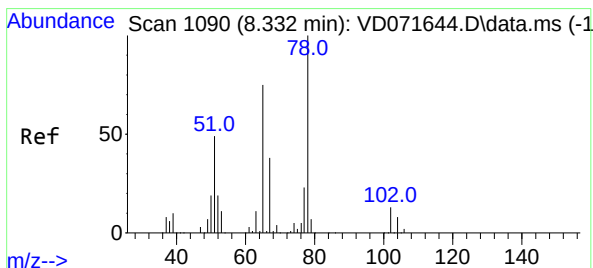
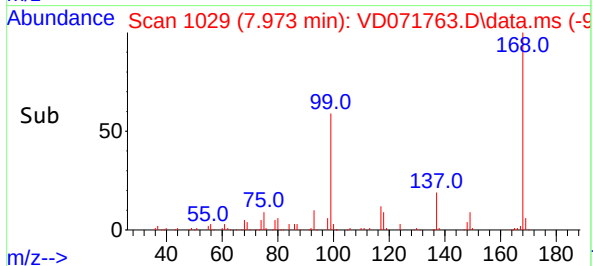
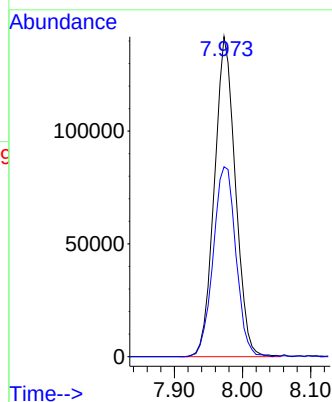
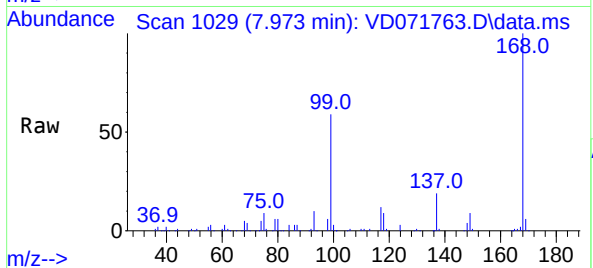




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071763.D
Acq: 20 Jan 2022 15:42

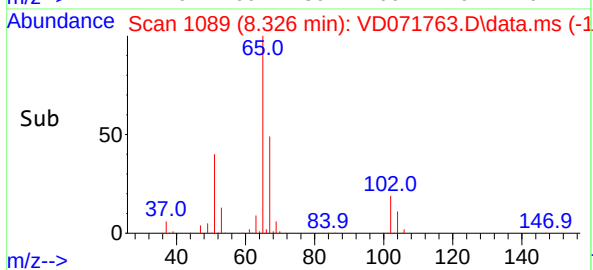
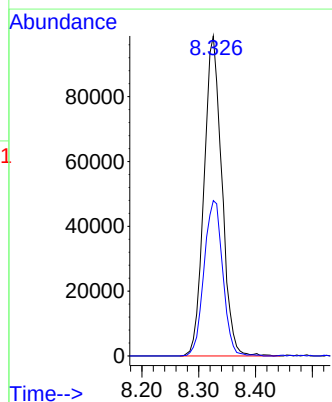
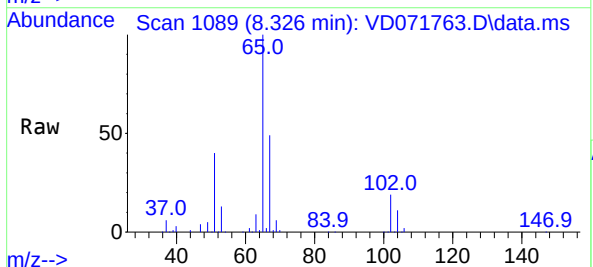
Instrument :
MSVOA_D
ClientSampleId :
PS-MH-SOIL

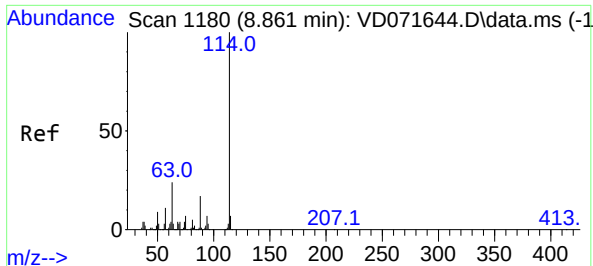
Tgt Ion:168 Resp: 304482
Ion Ratio Lower Upper
168 100
99 59.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 54.787 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071763.D
Acq: 20 Jan 2022 15:42

Tgt Ion: 65 Resp: 214646
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.2

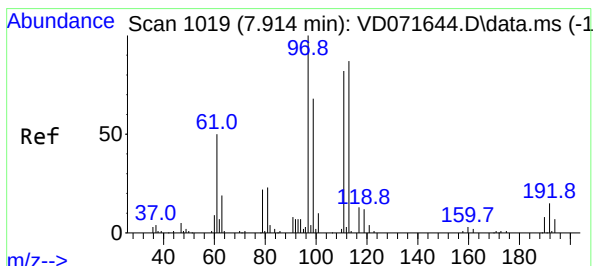
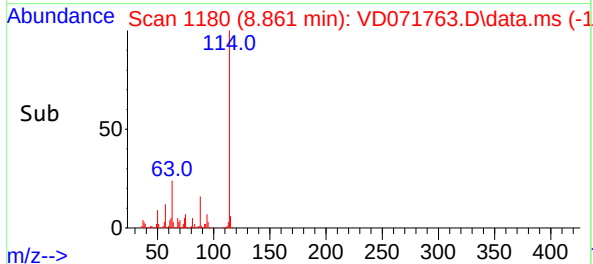
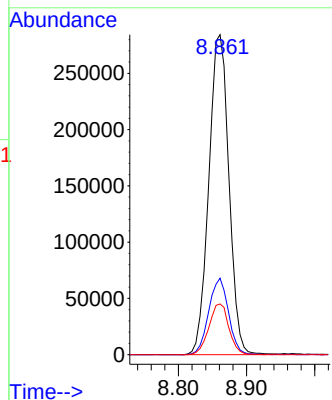
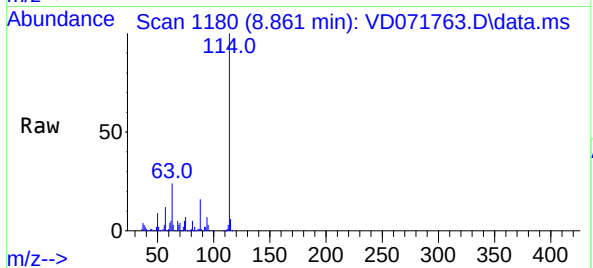




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071763.D
Acq: 20 Jan 2022 15:42

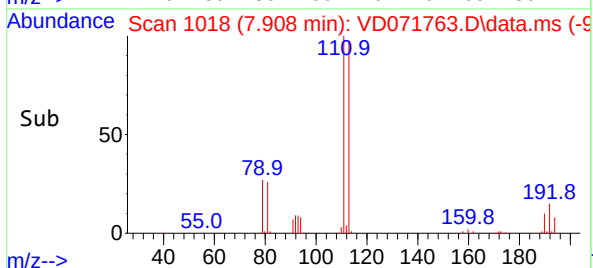
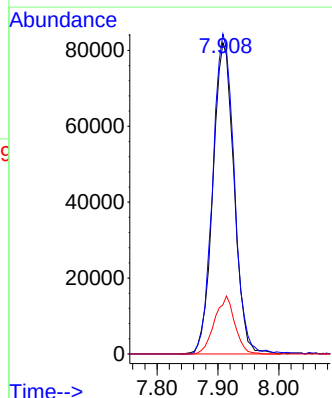
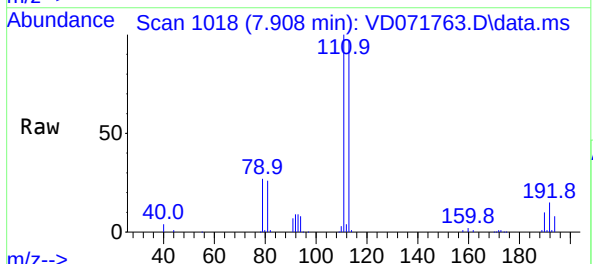
Instrument :
MSVOA_D
ClientSampleId :
PS-MH-SOIL

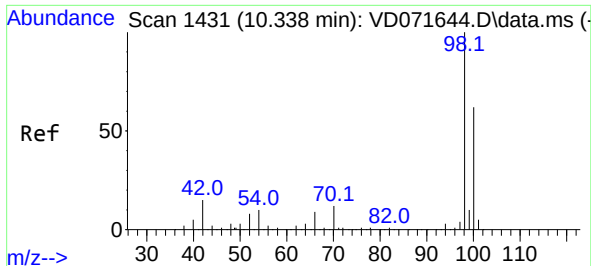
Tgt Ion:114 Resp: 583674
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.2
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.248 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071763.D
Acq: 20 Jan 2022 15:42

Tgt Ion:113 Resp: 197683
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 17.7 14.2 21.2

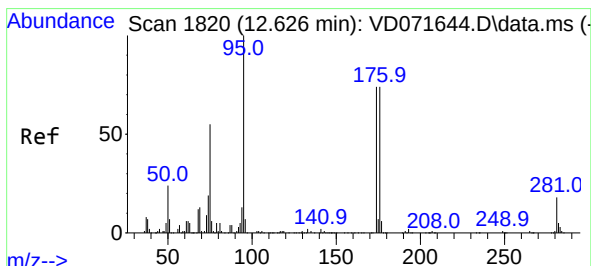
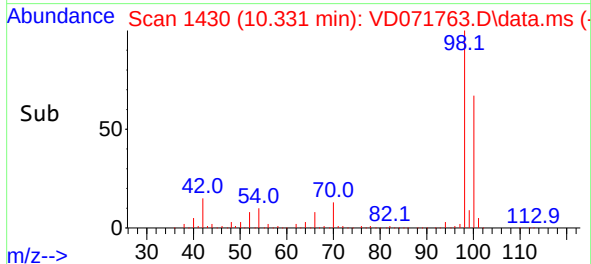
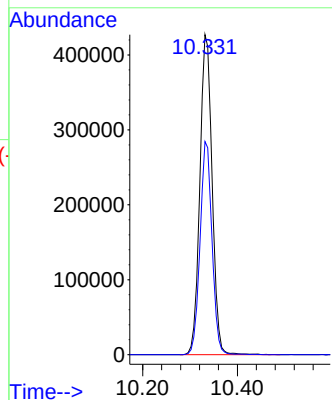
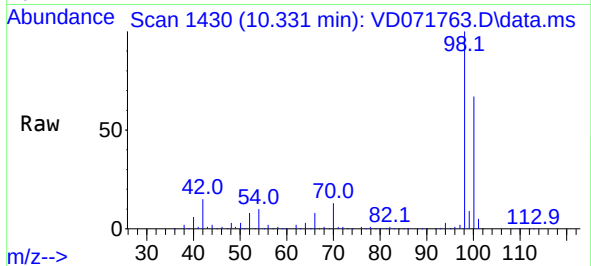




#50
Toluene-d8
Concen: 53.090 ug/l
RT: 10.331 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071763.D
Acq: 20 Jan 2022 15:42

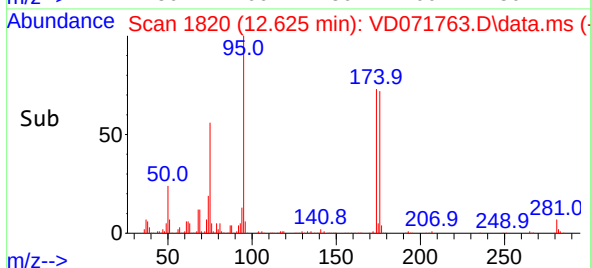
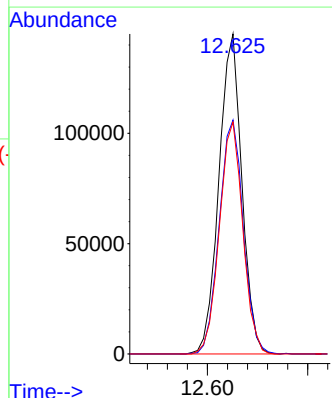
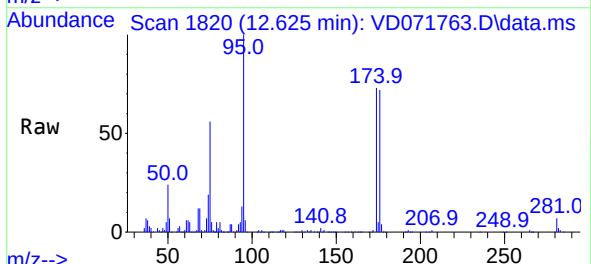
Instrument :
MSVOA_D
ClientSampleId :
PS-MH-SOIL

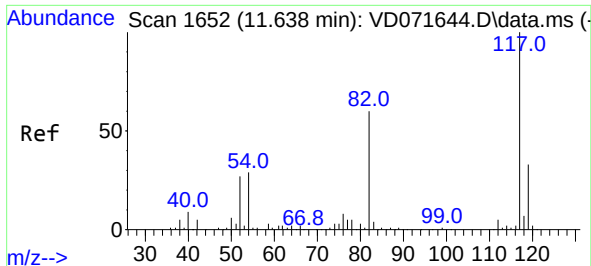
Tgt Ion: 98 Resp: 766590
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.219 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.001 min
Lab File: VD071763.D
Acq: 20 Jan 2022 15:42

Tgt Ion: 95 Resp: 230075
Ion Ratio Lower Upper
95 100
174 76.8 0.0 150.0
176 73.7 0.0 146.4

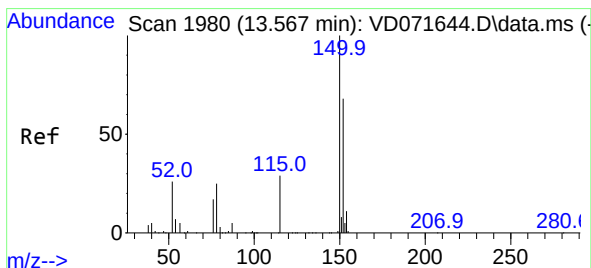
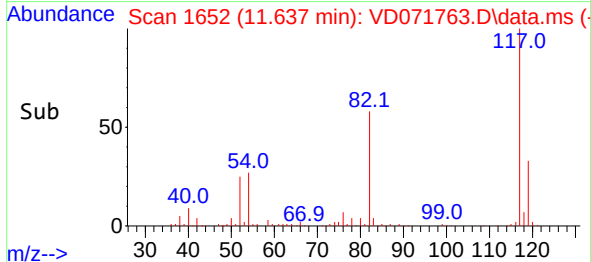
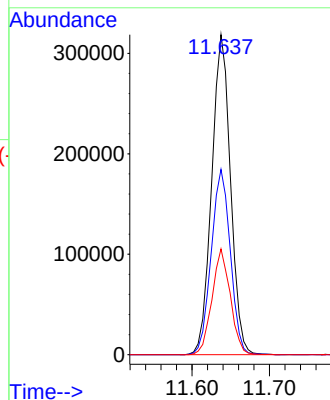
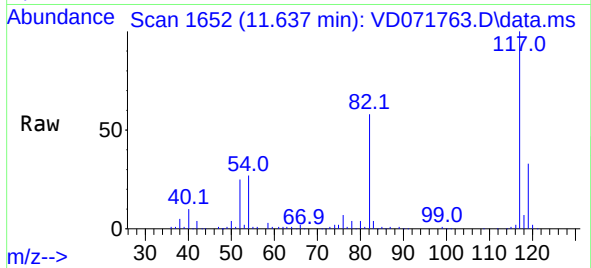




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071763.D
Acq: 20 Jan 2022 15:42

Instrument :
MSVOA_D
ClientSampleId :
PS-MH-SOIL

Tgt Ion:117 Resp: 537022
Ion Ratio Lower Upper
117 100
82 57.9 46.9 70.3
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071763.D
Acq: 20 Jan 2022 15:42

Tgt Ion:152 Resp: 226685
Ion Ratio Lower Upper
152 100
115 61.8 31.5 94.5
150 157.0 0.0 348.0

