

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071159.D
 Acq On : 04 Dec 2021 22:28
 Operator : VA/SY
 Sample : M4909-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HG-SOIL-PILE

Quant Time: Dec 06 04:34:59 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	201715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	358174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	395392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	190650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	126382	53.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.800%
35) Dibromofluoromethane	7.914	113	115823	50.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.338	98	467546	53.867	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.740%
62) 4-Bromofluorobenzene	12.626	95	190359	63.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.540%

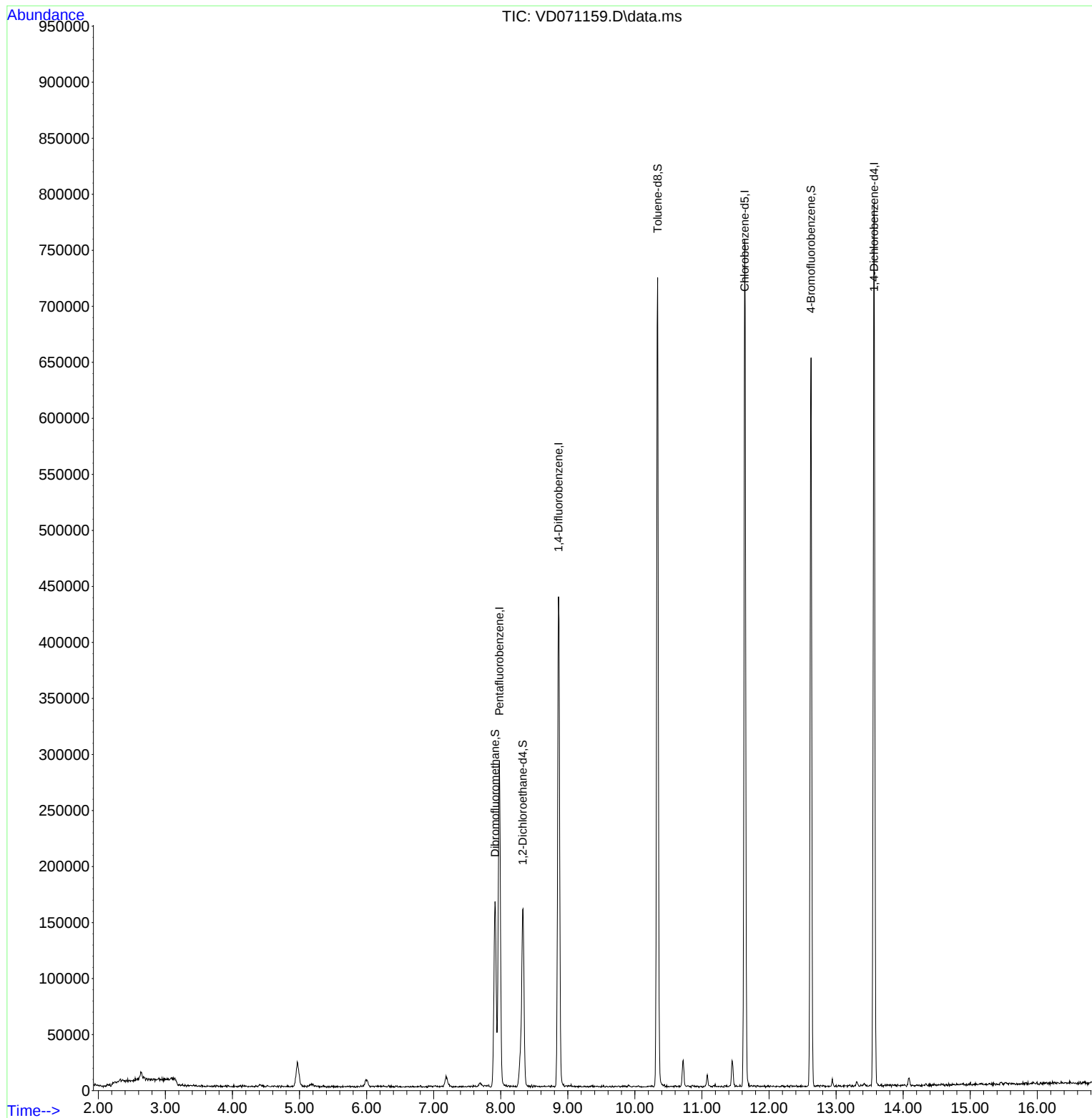
Target Compounds	Qvalue

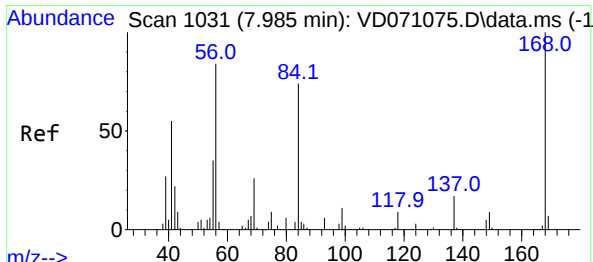
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071159.D

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Instrument :

MSVOA_D

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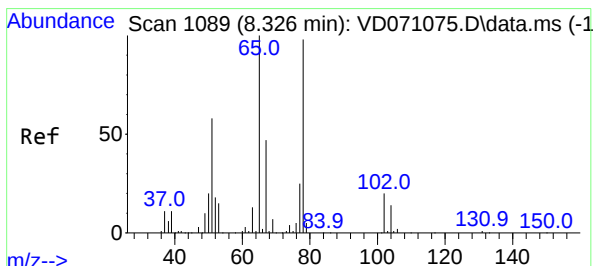
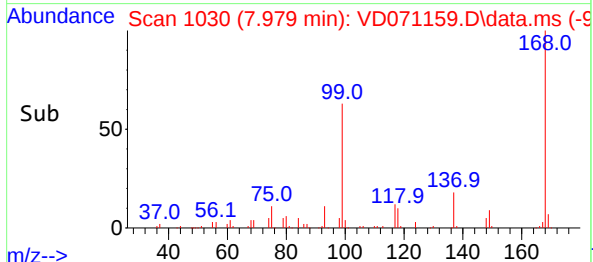
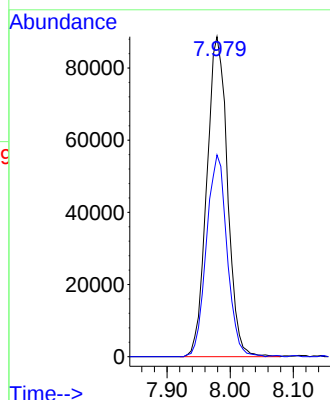
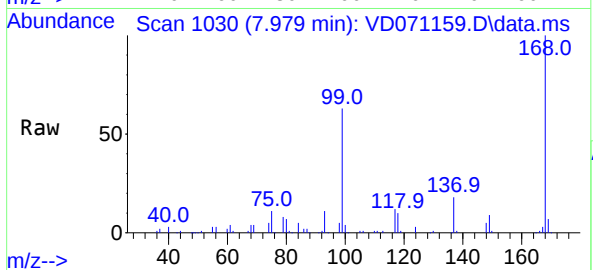
HG-SOIL-PILE

Tgt Ion:168 Resp: 201715

Ion Ratio Lower Upper

168 100

99 63.1 46.6 69.8



1,2-Dichloroethane-d4

Concen: 53.396 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071159.D

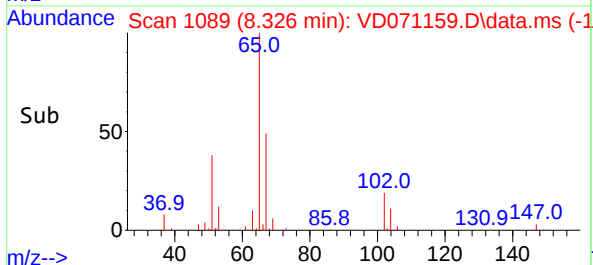
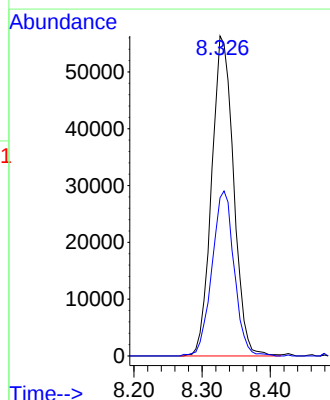
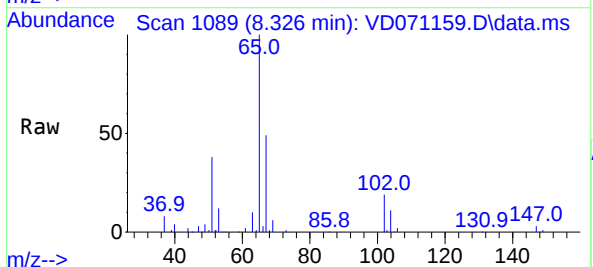
Acq: 04 Dec 2021 22:28

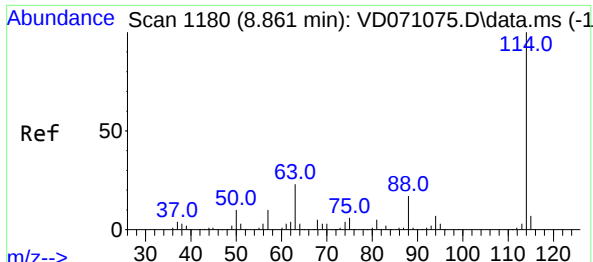
Tgt Ion: 65 Resp: 126382

Ion Ratio Lower Upper

65 100

67 52.0 0.0 112.2



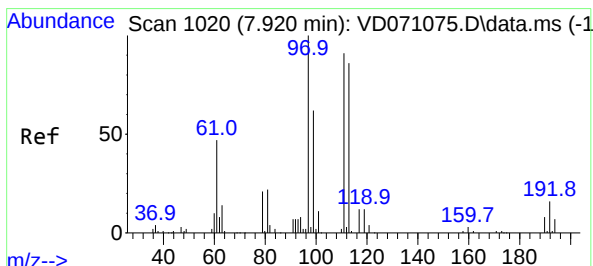
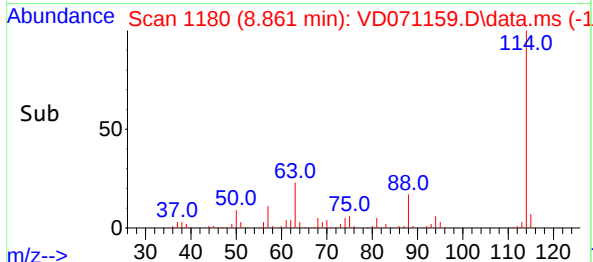
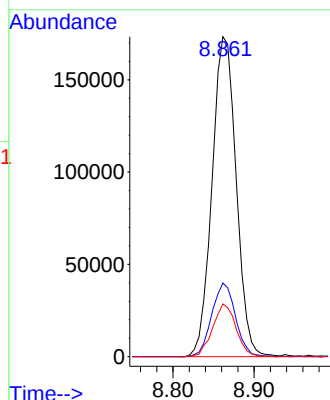
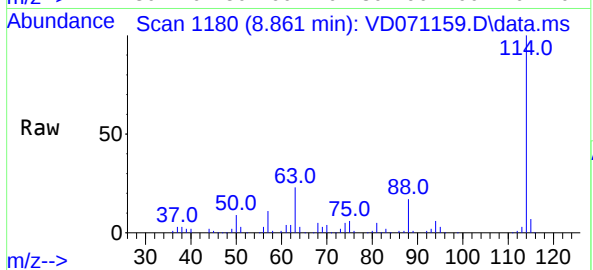


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071159.D
Acq: 04 Dec 2021 22:28

Instrument :
MSVOA_D
ClientSampleId :
HG-SOIL-PILE

Tgt Ion:114 Resp: 358174

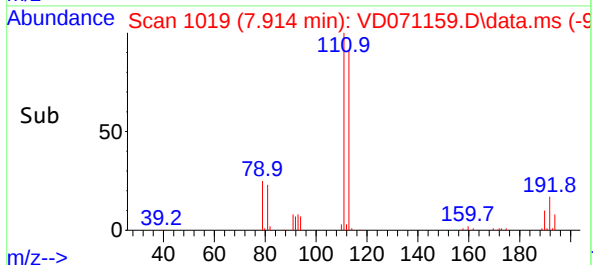
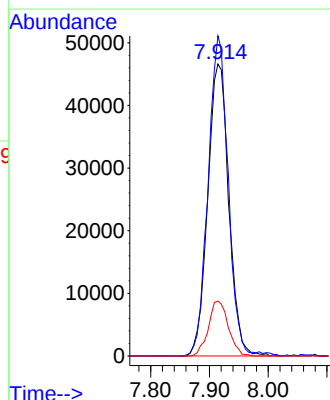
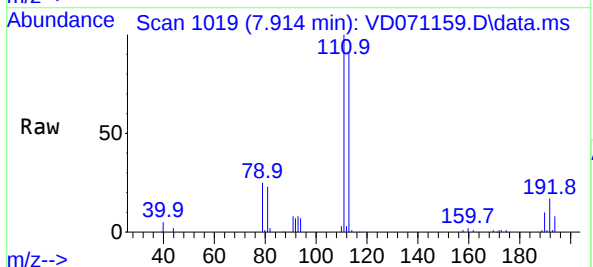
Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	41.8
88	16.5	0.0	32.8

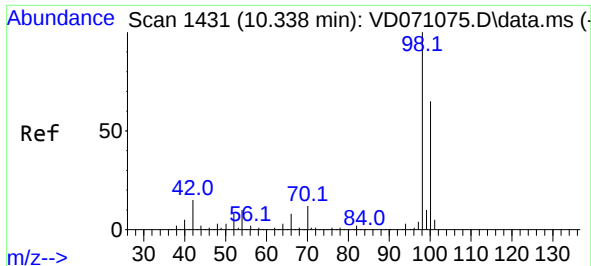


#35
Dibromofluoromethane
Concen: 50.781 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071159.D
Acq: 04 Dec 2021 22:28

Tgt Ion:113 Resp: 115823

Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.0	123.0
192	17.8	15.2	22.8

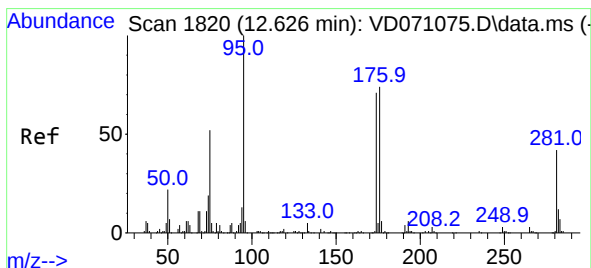
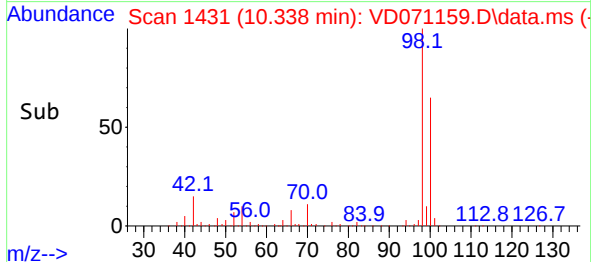
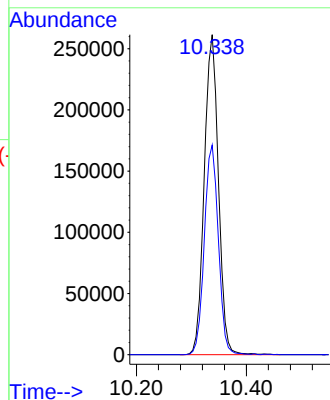
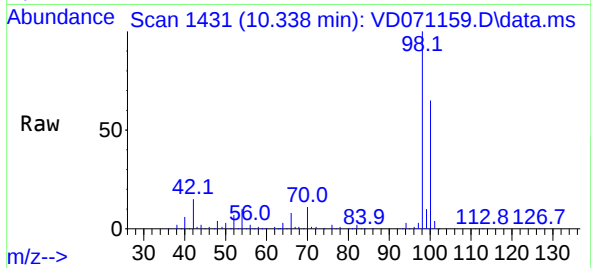




#50
Toluene-d8
Concen: 53.867 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071159.D
Acq: 04 Dec 2021 22:28

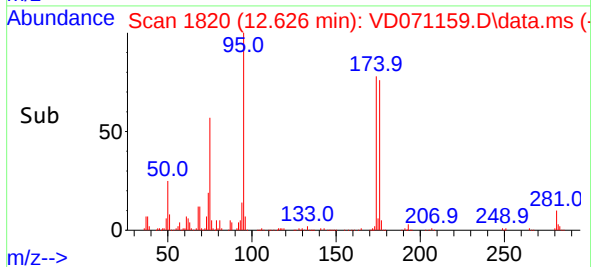
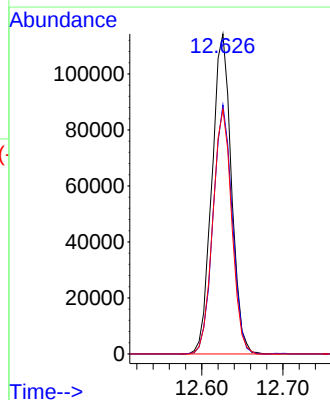
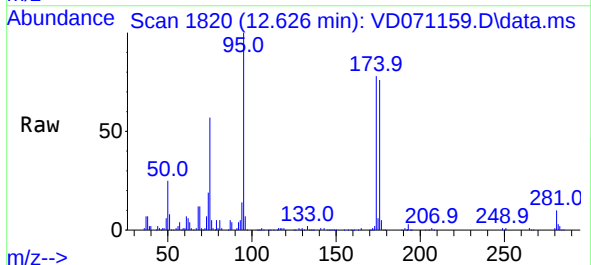
Instrument :
MSVOA_D
ClientSampleId :
HG-SOIL-PILE

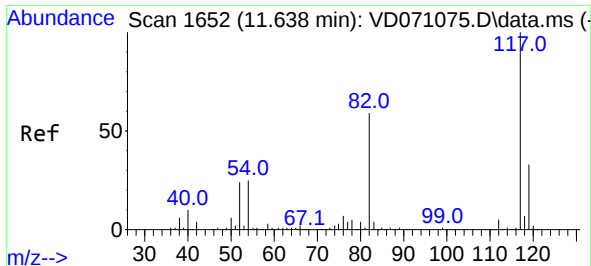
Tgt Ion: 98 Resp: 467546
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 63.270 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071159.D
Acq: 04 Dec 2021 22:28

Tgt Ion: 95 Resp: 190359
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.4
176 74.4 0.0 154.0

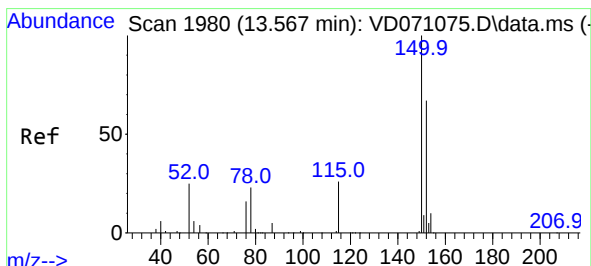
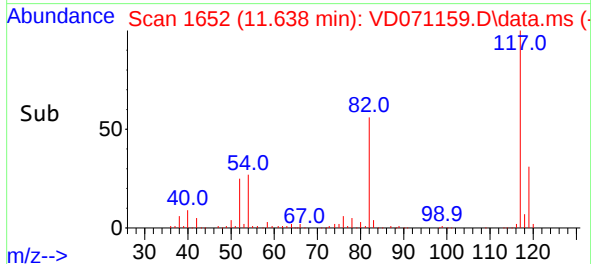
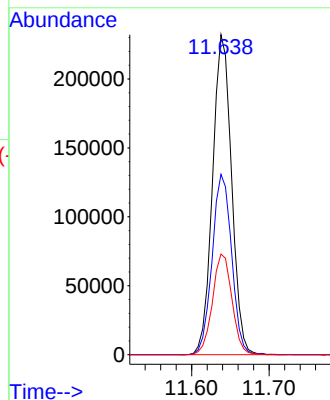
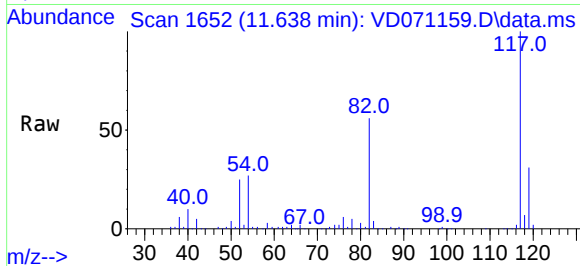




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071159.D
Acq: 04 Dec 2021 22:28

Instrument :
MSVOA_D
ClientSampleId :
HG-SOIL-PILE

Tgt Ion:117 Resp: 395392
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071159.D
Acq: 04 Dec 2021 22:28

Tgt Ion:152 Resp: 190650
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 158.5 0.0 349.2

