

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071749.D
 Acq On : 19 Jan 2022 17:36
 Operator : VA/SY
 Sample : N1189-25
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MTR-SOIL-13

Quant Time: Jan 20 05:00:12 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)

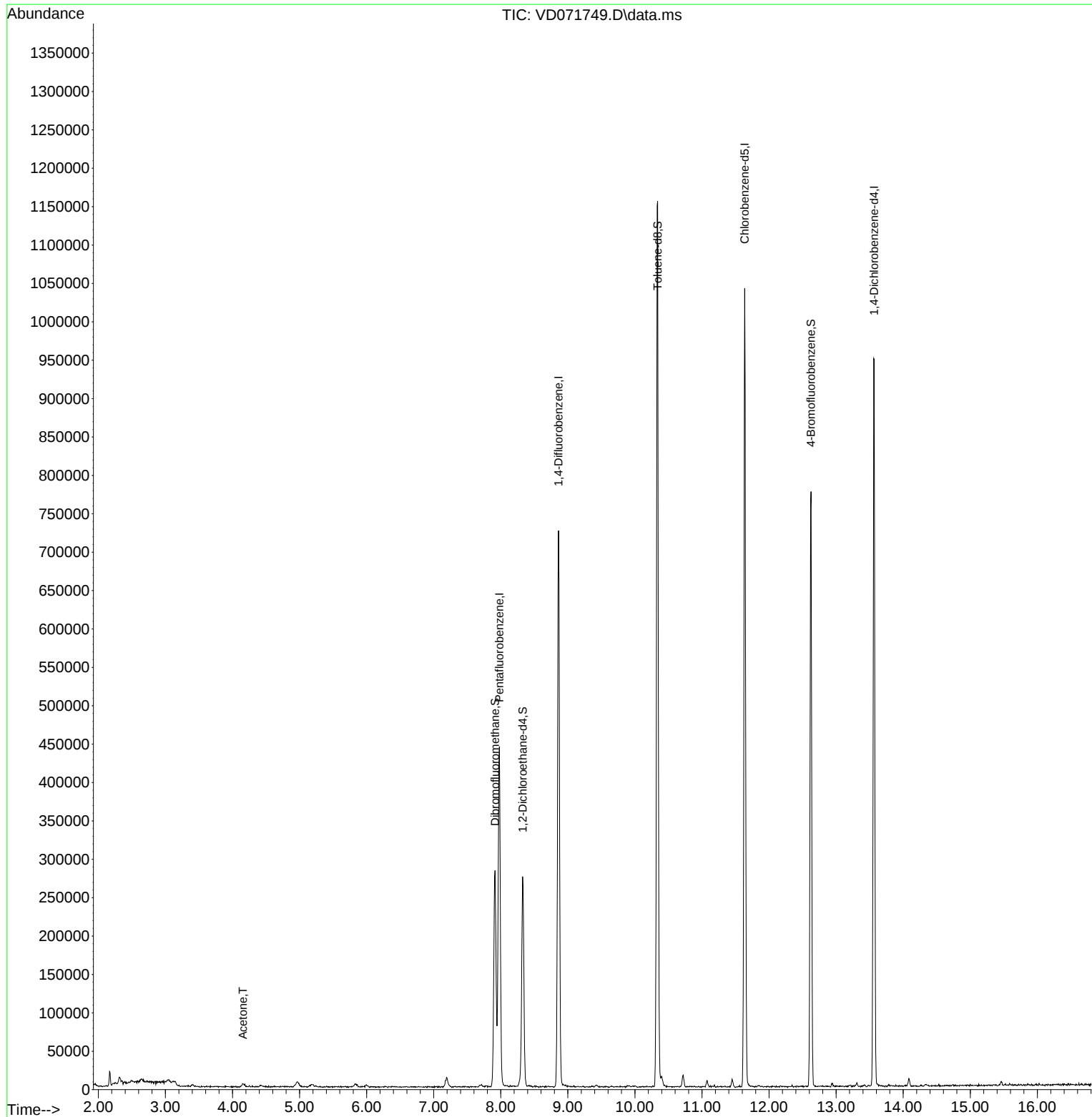
Internal Standards						
1) Pentafluorobenzene	7.979	168	300469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	534318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	232435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216578	56.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.040%	
35) Dibromofluoromethane	7.914	113	197107	52.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.338	98	745237	53.167	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.626	95	227943	46.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	7538	8.445	ug/l #	78

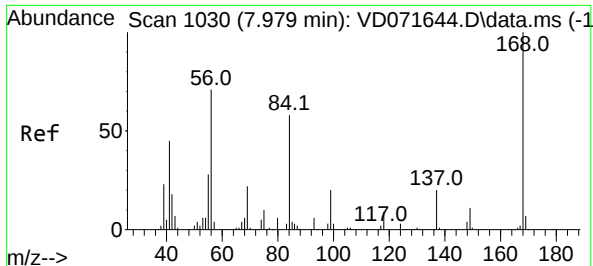
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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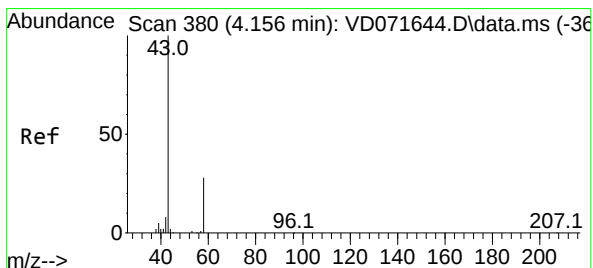
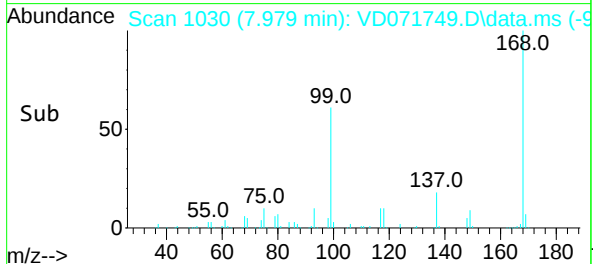
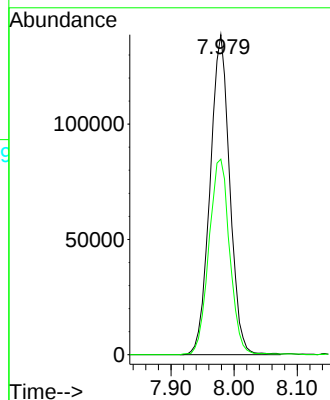
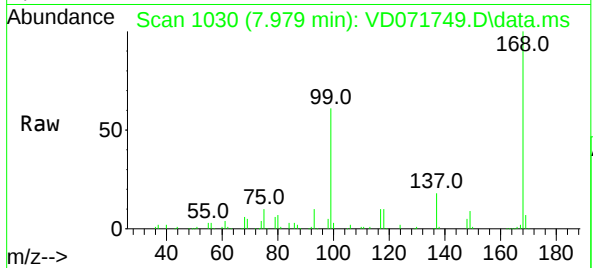




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

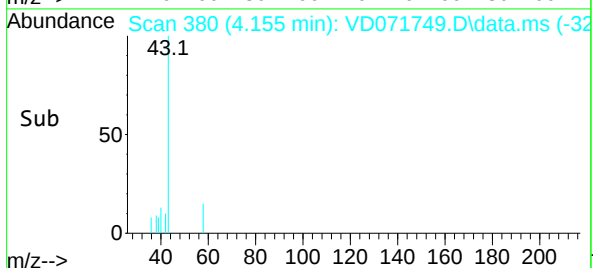
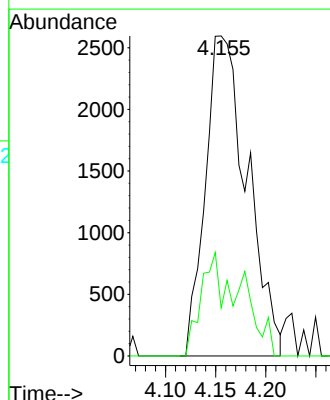
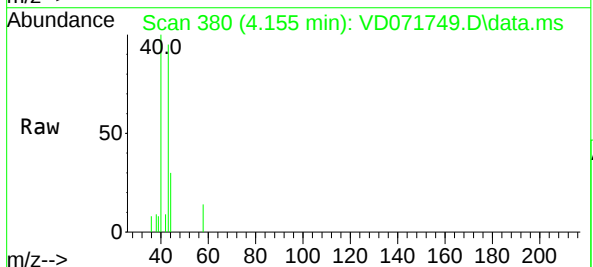
Instrument :
MSVOA_D
ClientSampleId :
MTR-SOIL-13

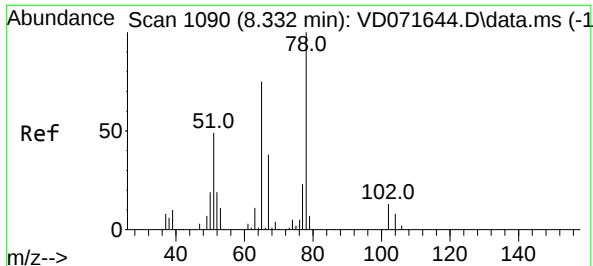
Tgt Ion:168 Resp: 300469
Ion Ratio Lower Upper
168 100
99 61.1 51.8 77.6



#16
Acetone
Concen: 8.445 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

Tgt Ion: 43 Resp: 7538
Ion Ratio Lower Upper
43 100
58 15.0 21.0 31.6#





#33

1,2-Dichloroethane-d4

Concen: 56.019 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071749.D

Acq: 19 Jan 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

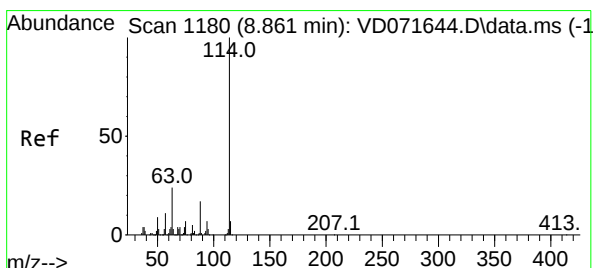
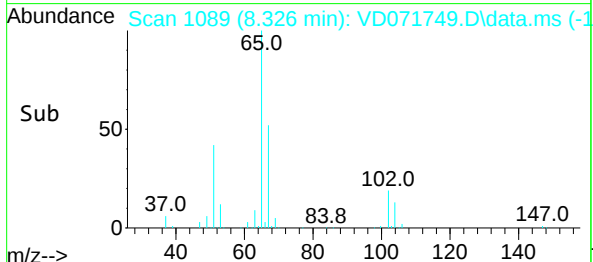
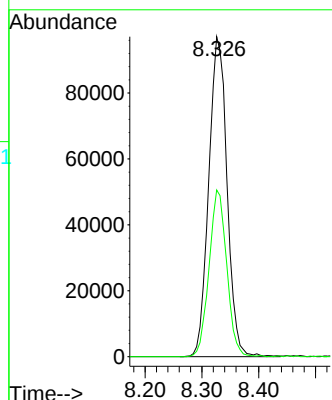
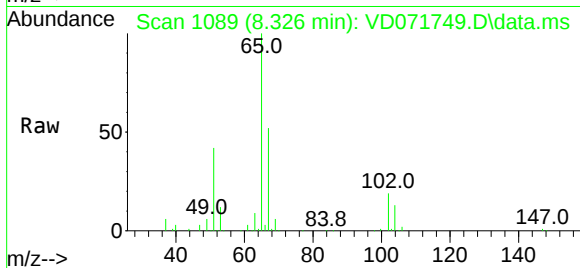
MTR-SOIL-13

Tgt Ion: 65 Resp: 216578

Ion Ratio Lower Upper

65 100

67 50.3 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: VD071749.D

Acq: 19 Jan 2022 17:36

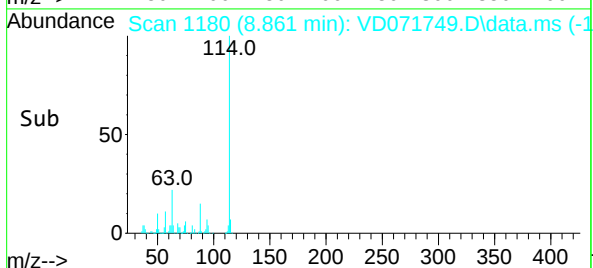
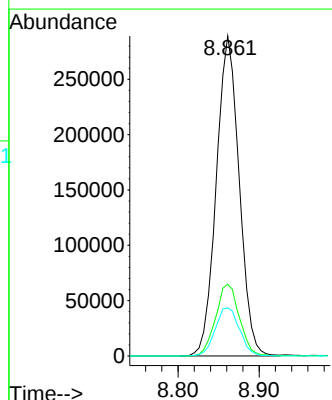
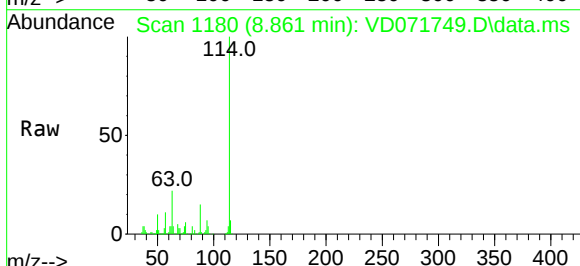
Tgt Ion: 114 Resp: 566594

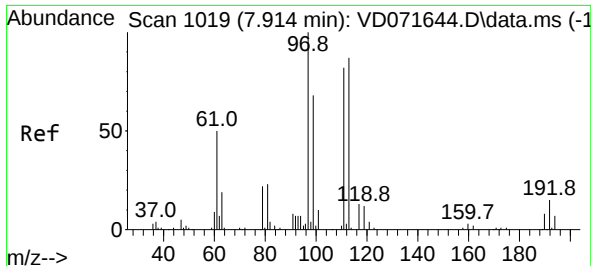
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.2

88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.639 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071749.D

Acq: 19 Jan 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

MTR-SOIL-13

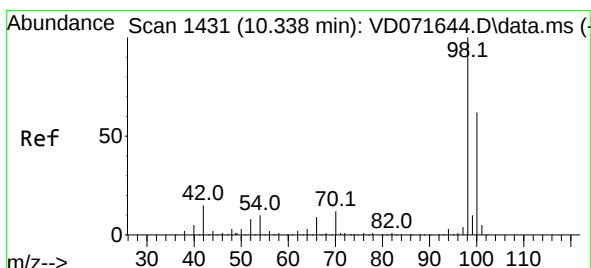
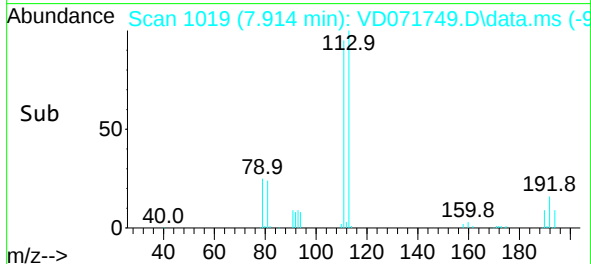
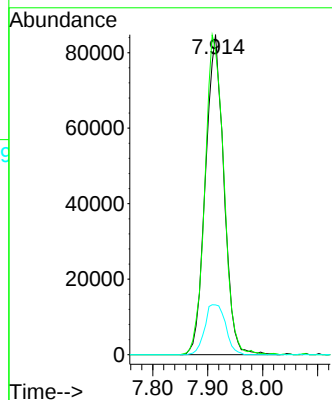
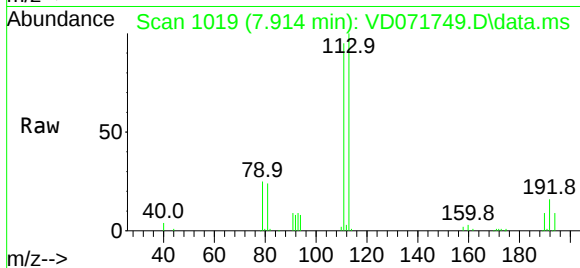
Tgt Ion:113 Resp: 197107

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 17.7 14.2 21.2



#50

Toluene-d8

Concen: 53.167 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.001 min

Lab File: VD071749.D

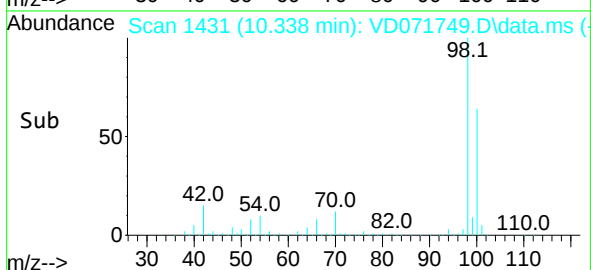
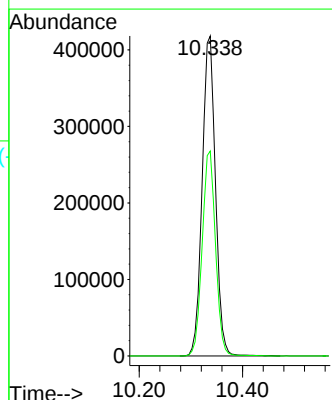
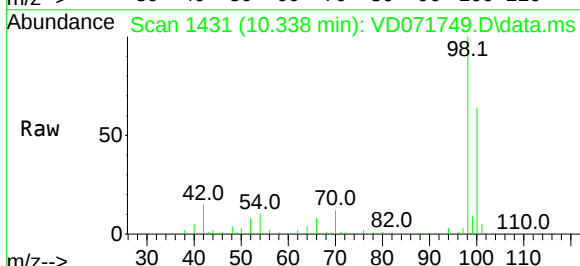
Acq: 19 Jan 2022 17:36

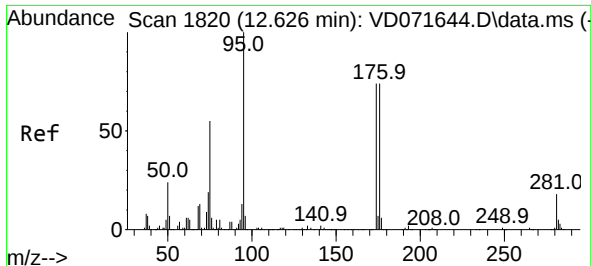
Tgt Ion: 98 Resp: 745237

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

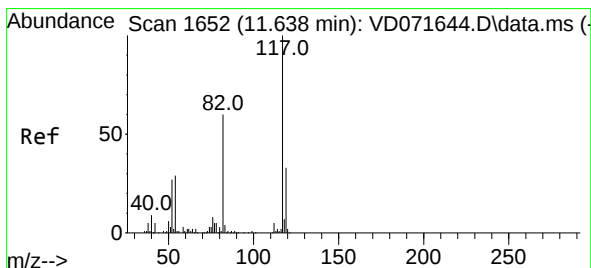
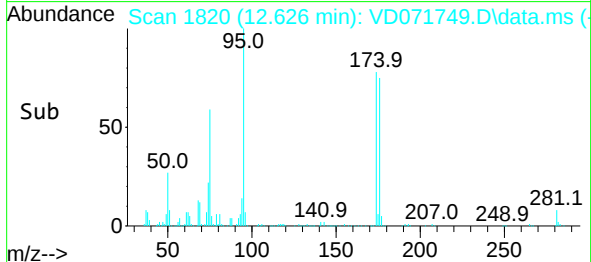
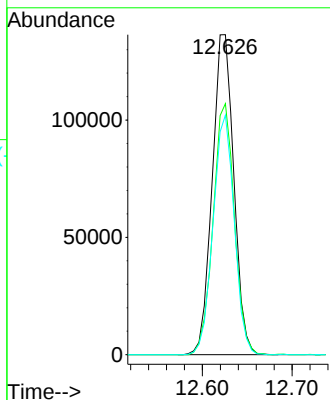
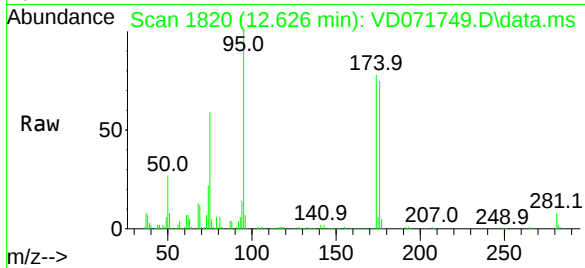




#62
4-Bromofluorobenzene
Concen: 46.150 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

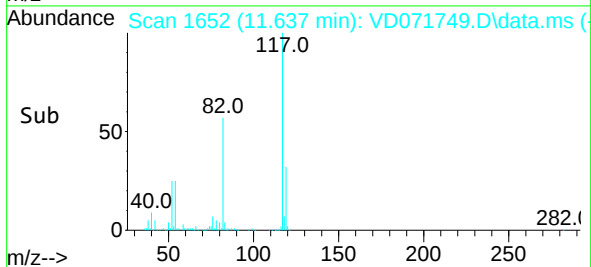
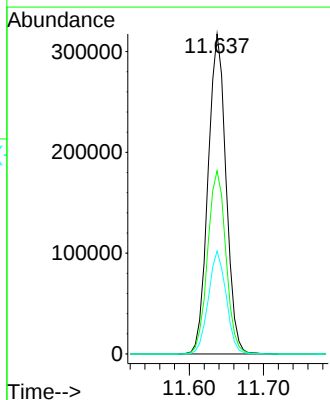
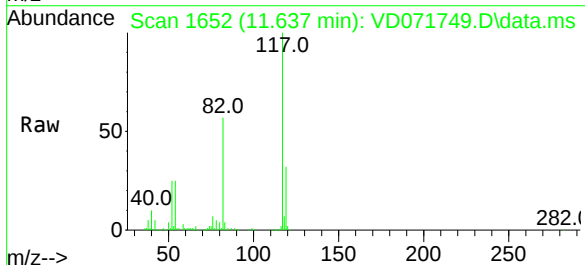
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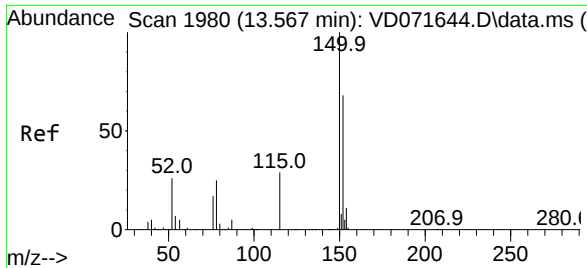
Tgt Ion:	95	Resp:	227943
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	150.0
176	73.3	0.0	146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

Tgt Ion:	117	Resp:	534318
Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.9	70.3
119	32.2	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071749.D
 Acq: 19 Jan 2022 17:36

Instrument :
 MSVOA_D
 ClientSampleId :
 MTR-SOIL-13

Tgt Ion:152 Resp: 232435
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.5 94.5
 150 156.8 0.0 348.0

