

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071823.D
 Acq On : 28 Jan 2022 14:50
 Operator : VA/SY
 Sample : N1298-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SPAT-SOIL-CUT

Quant Time: Jan 29 04:51:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	433140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	822526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	754307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	292523	53.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.860%
35) Dibromofluoromethane	7.914	113	271522	50.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.440%
50) Toluene-d8	10.338	98	1042304	51.619	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.240%
62) 4-Bromofluorobenzene	12.626	95	331537	47.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.040%

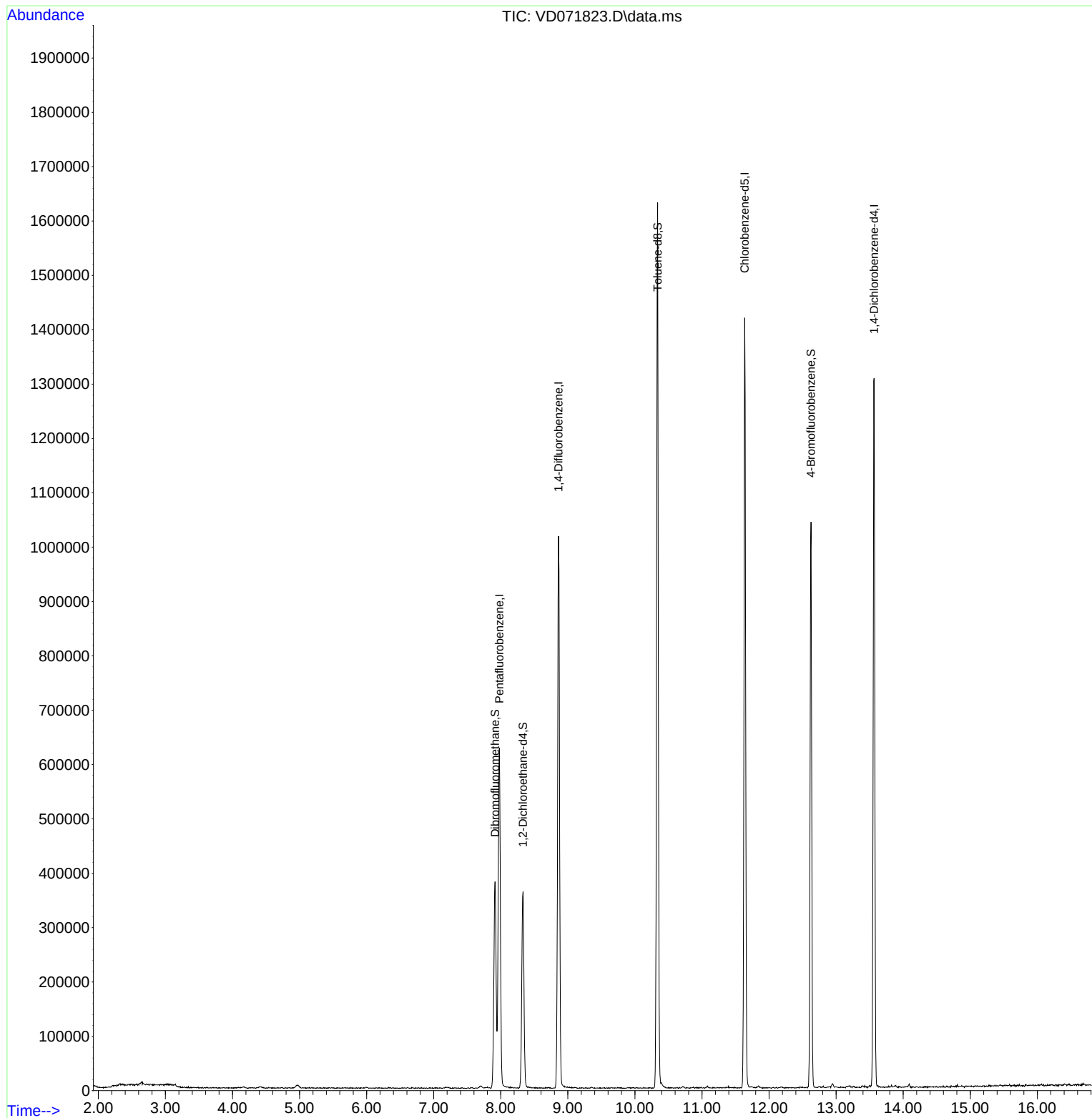
Target Compounds	Qvalue

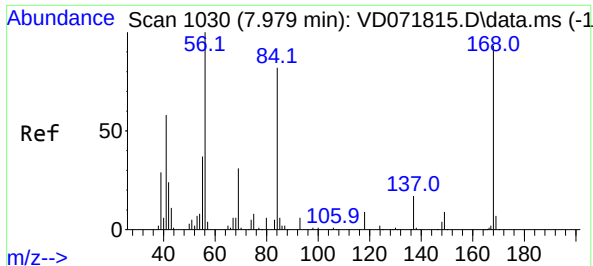
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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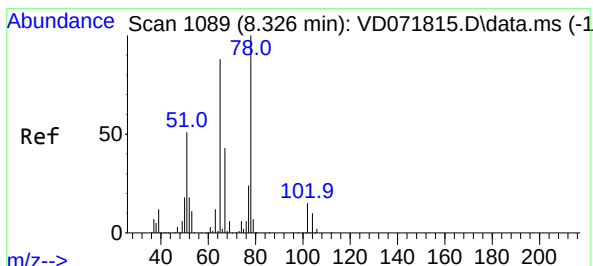
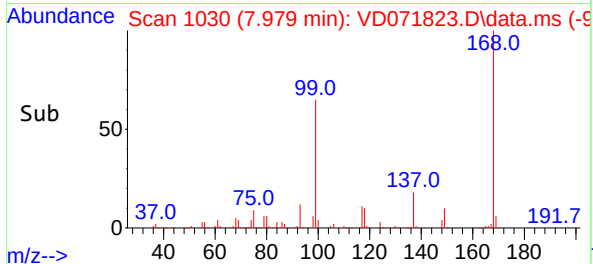
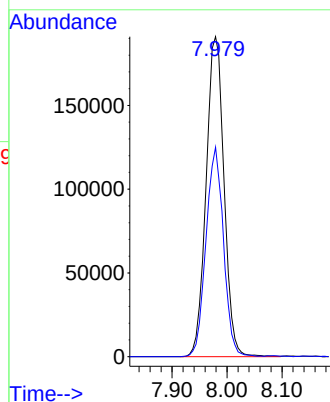
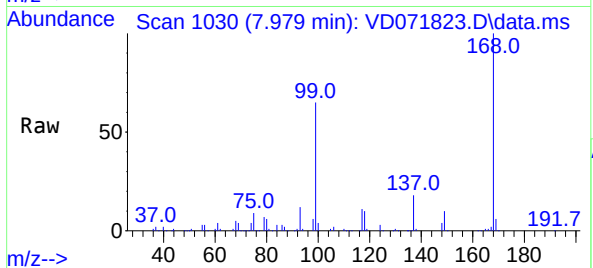




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

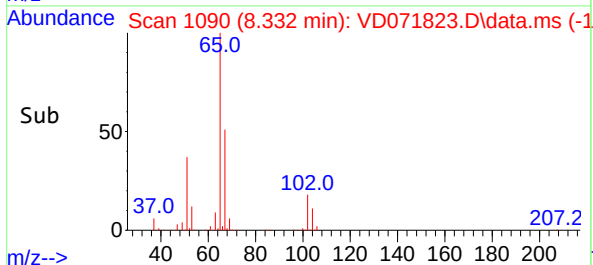
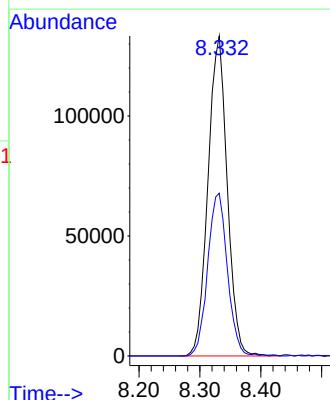
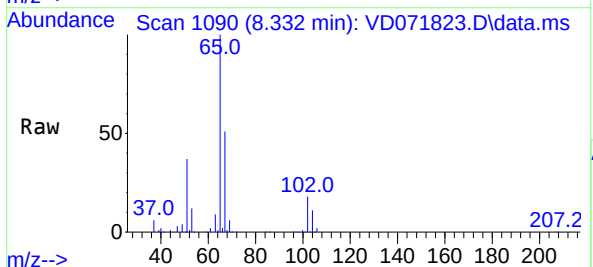
Instrument :
MSVOA_D
ClientSampleId :
SPAT-SOIL-CUT

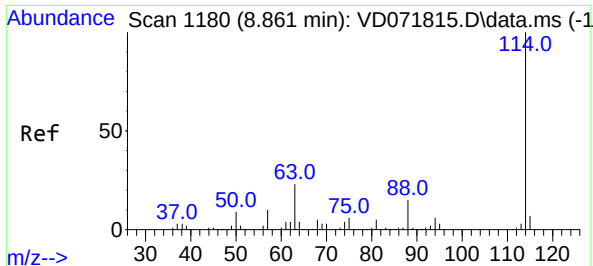
Tgt Ion:168 Resp: 433140
Ion Ratio Lower Upper
168 100
99 65.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.432 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Tgt Ion: 65 Resp: 292523
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071823.D

Acq: 28 Jan 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

SPAT-SOIL-CUT

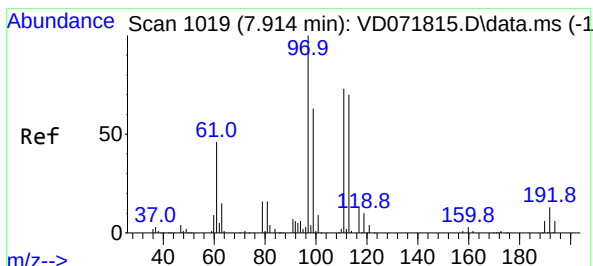
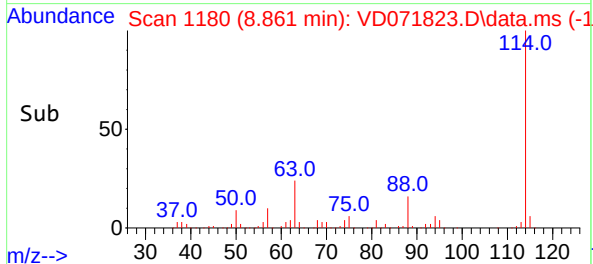
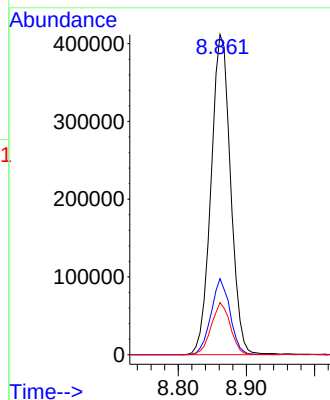
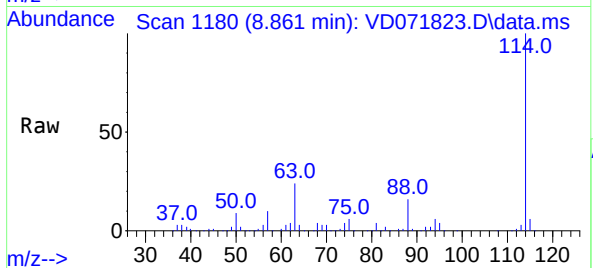
Tgt Ion:114 Resp: 822526

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.220 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071823.D

Acq: 28 Jan 2022 14:50

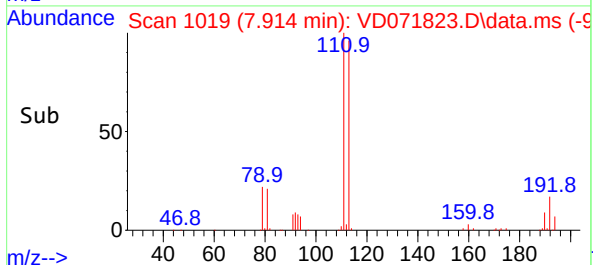
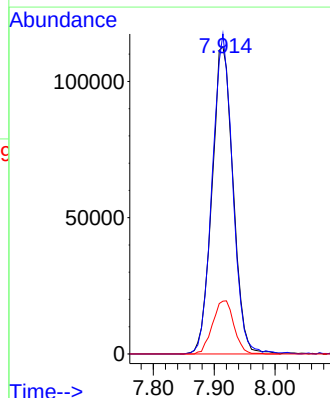
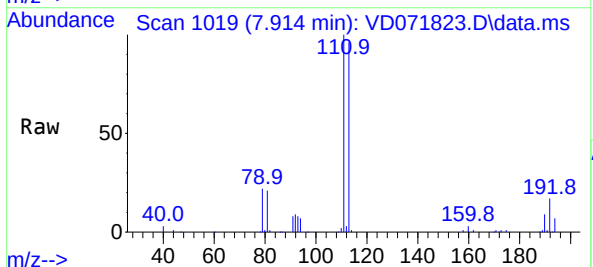
Tgt Ion:113 Resp: 271522

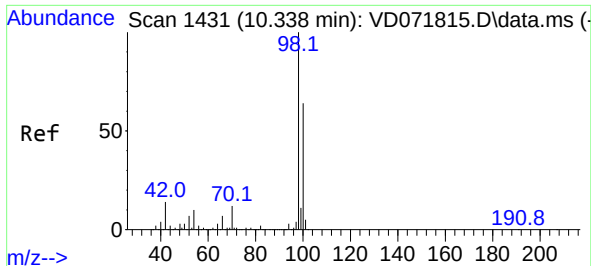
Ion Ratio Lower Upper

113 100

111 100.5 83.8 125.6

192 17.5 14.6 21.8

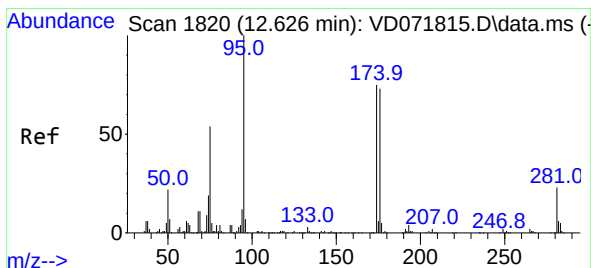
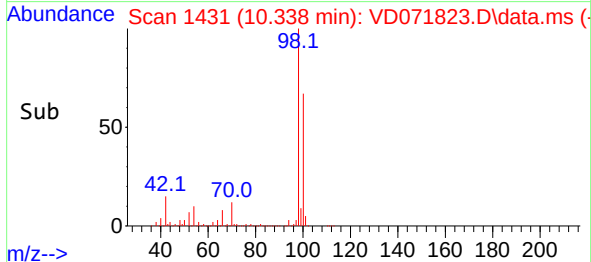
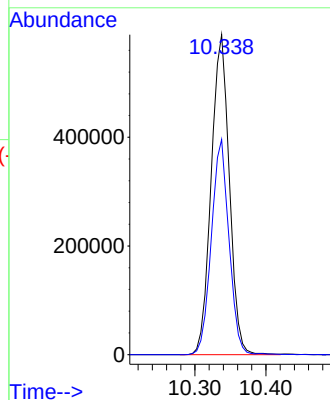
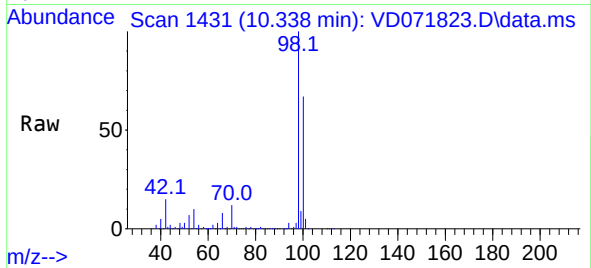




#50
Toluene-d8
Concen: 51.619 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

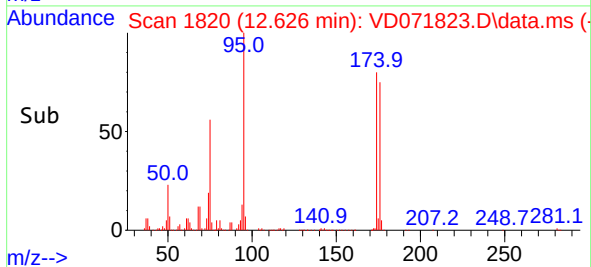
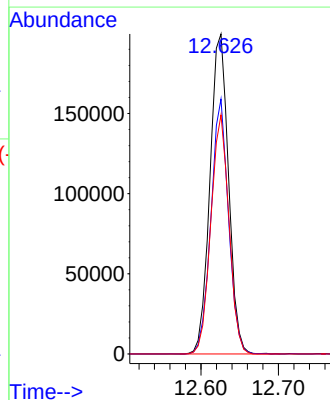
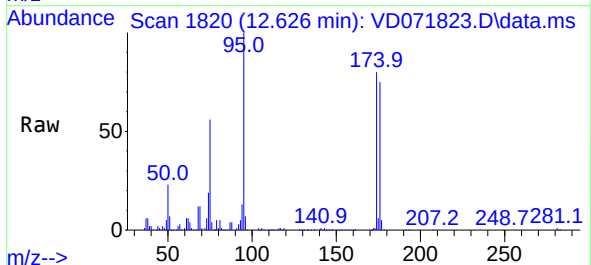
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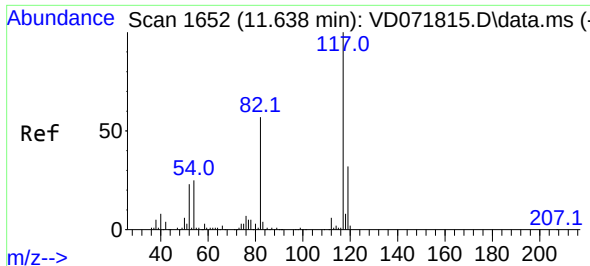
Tgt Ion: 98 Resp: 1042304
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.017 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Tgt Ion: 95 Resp: 331537
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 72.7 0.0 145.4

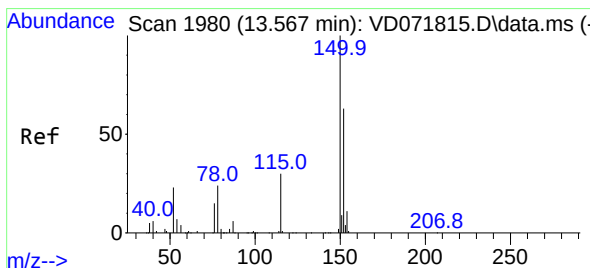
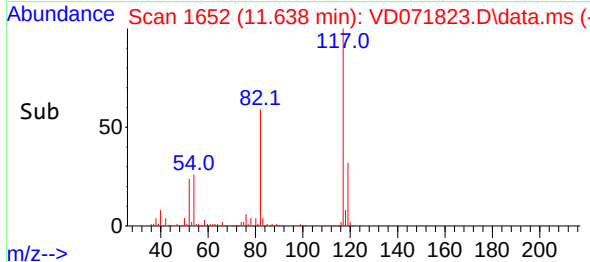
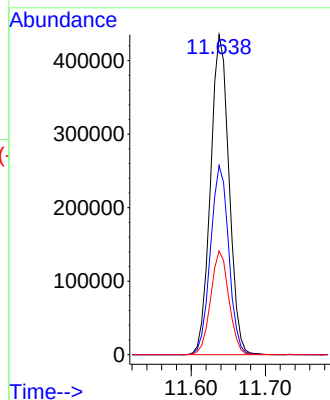
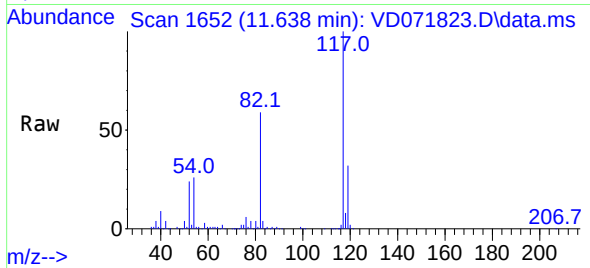




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
SPAT-SOIL-CUT

Tgt Ion:117 Resp: 754307
Ion Ratio Lower Upper
117 100
82 59.1 45.3 67.9
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Tgt Ion:152 Resp: 330143
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 156.0 0.0 348.6

