

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073412.D
 Acq On : 27 May 2022 15:40
 Operator : VA/SY
 Sample : N3062-01
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SOIL-0526

Quant Time: May 28 09:44:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	283898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	512521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256034	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151799	48.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.760%
35) Dibromofluoromethane	7.908	113	170262	50.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.680%
50) Toluene-d8	10.332	98	624126	50.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.620	95	238210	54.447	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.900%

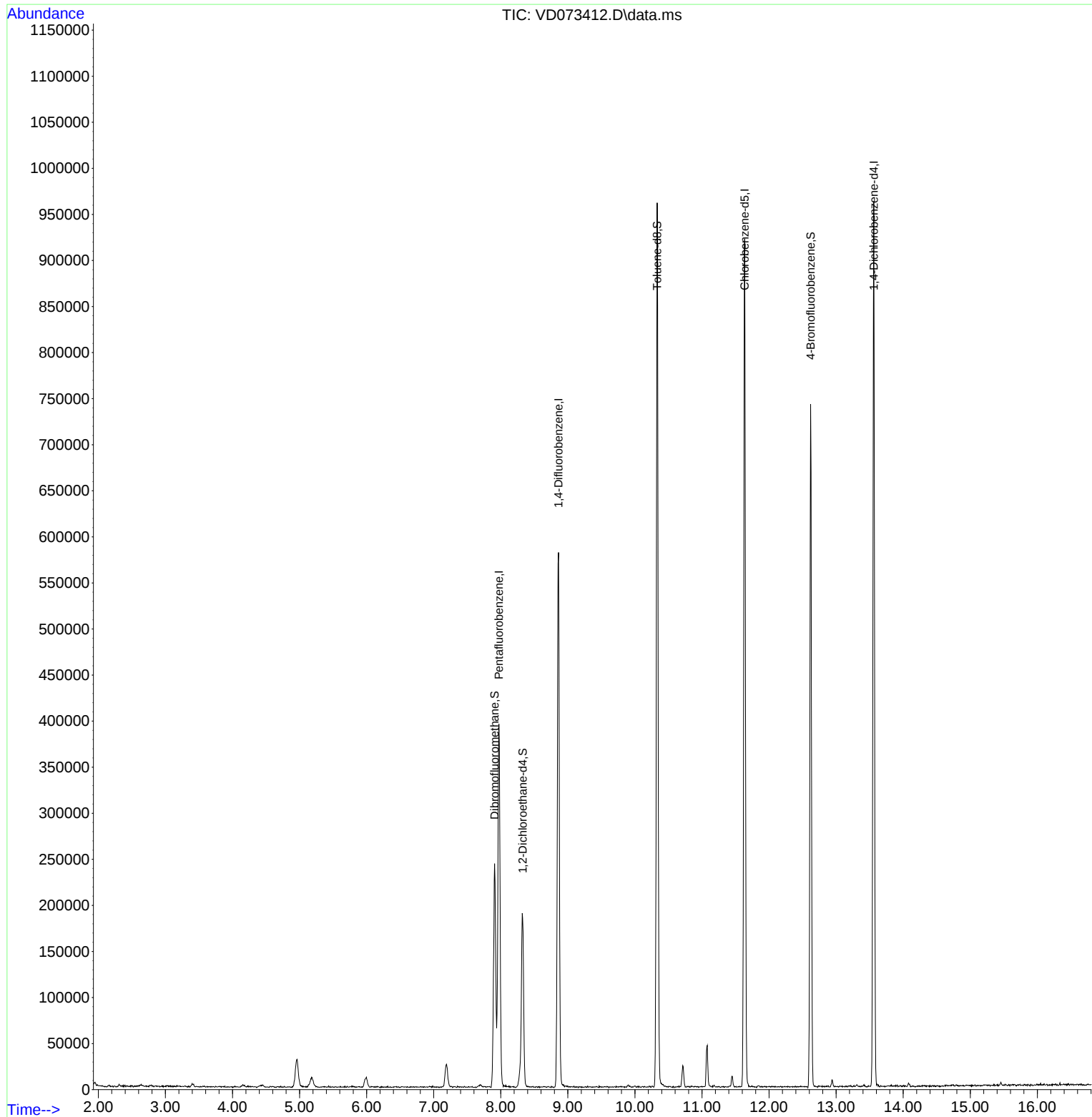
Target Compounds	Qvalue

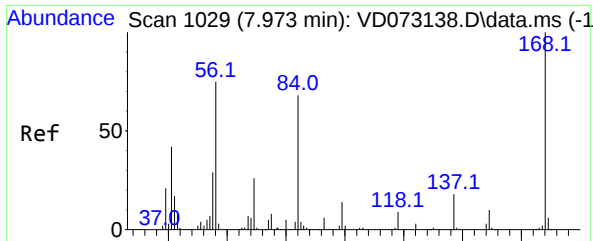
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073412.D

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Instrument :

MSVOA_D

ClientSampleId :

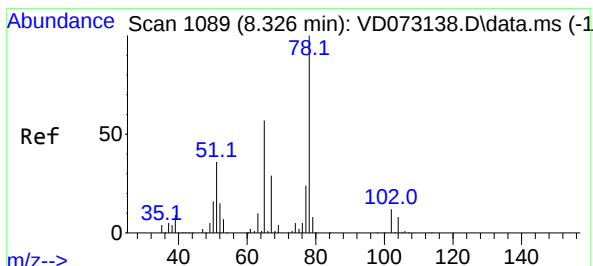
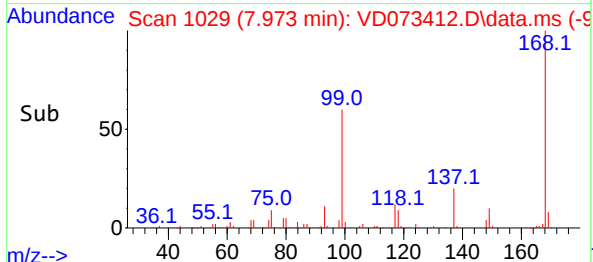
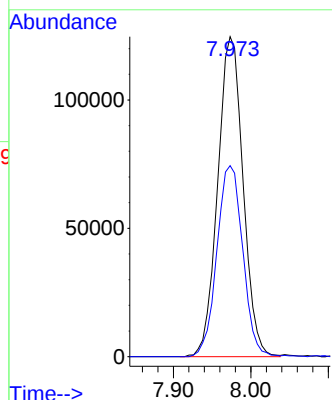
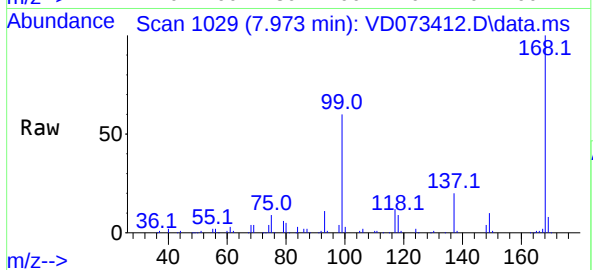
FS-SOIL-0526

Tgt Ion:168 Resp: 283898

Ion Ratio Lower Upper

168 100

99 59.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 48.383 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073412.D

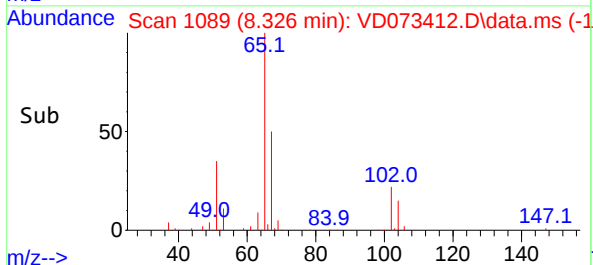
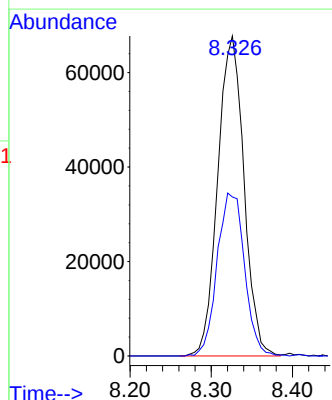
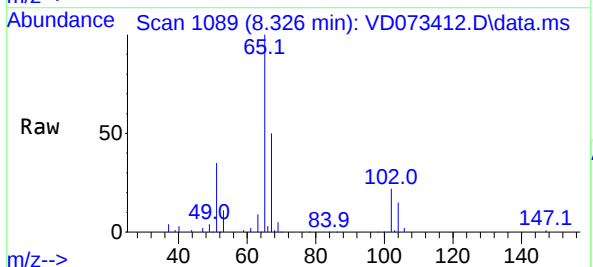
Acq: 27 May 2022 15:40

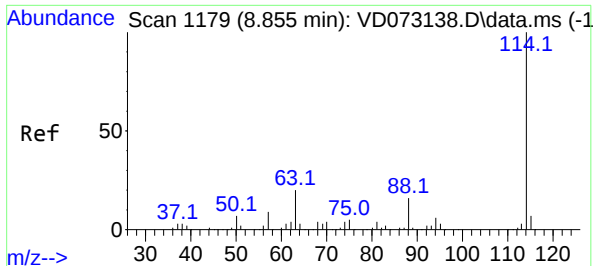
Tgt Ion: 65 Resp: 151799

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073412.D

Acq: 27 May 2022 15:40

Instrument :

MSVOA_D

ClientSampleId :

FS-SOIL-0526

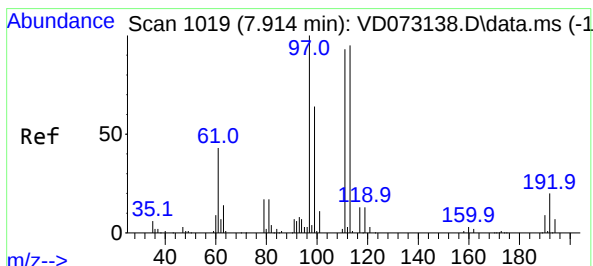
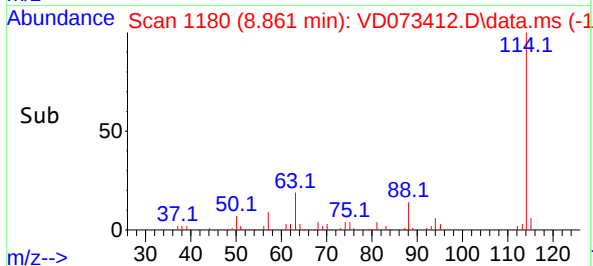
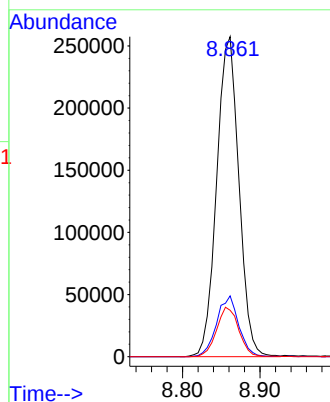
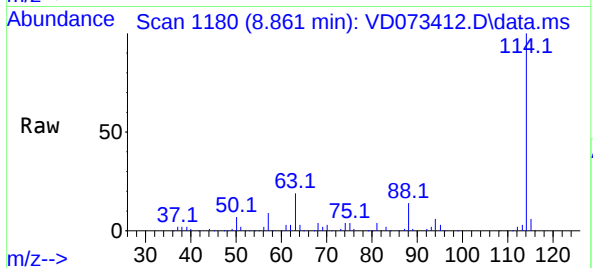
Tgt Ion:114 Resp: 512521

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.344 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073412.D

Acq: 27 May 2022 15:40

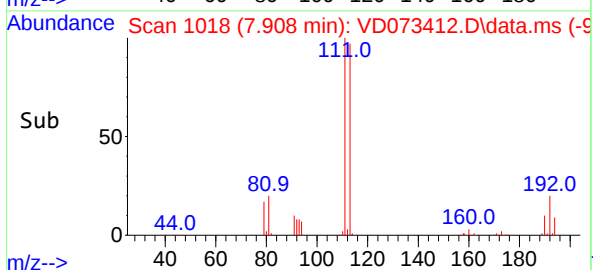
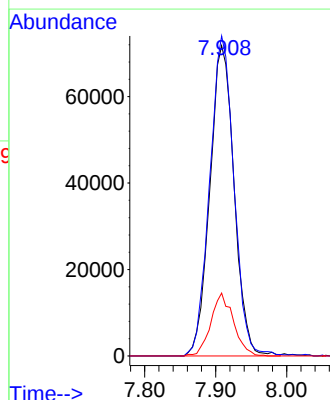
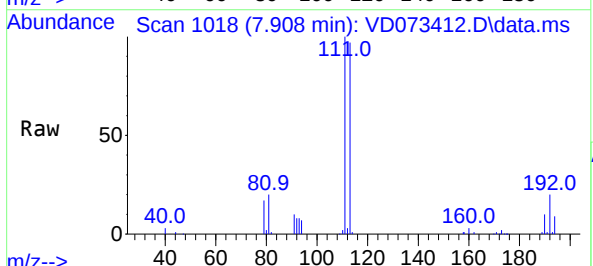
Tgt Ion:113 Resp: 170262

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.9 14.6 21.8

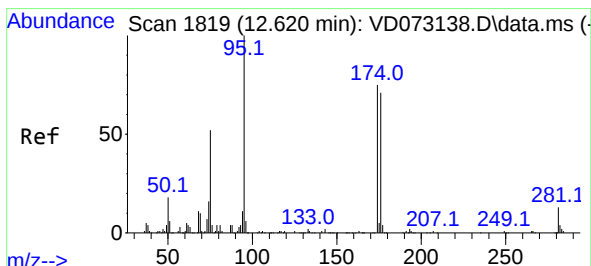
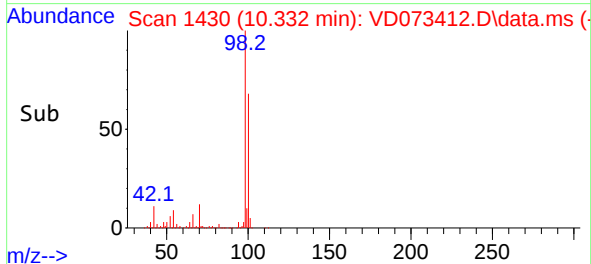
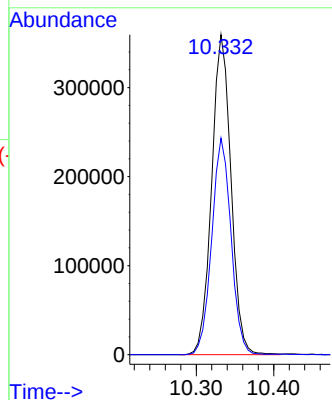
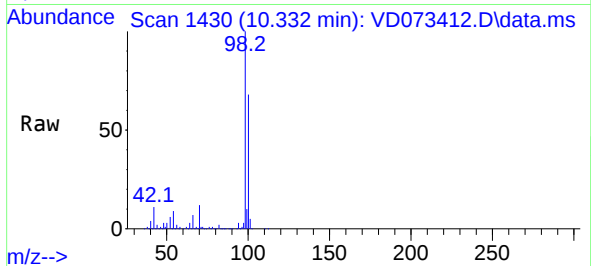




#50
Toluene-d8
Concen: 50.063 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

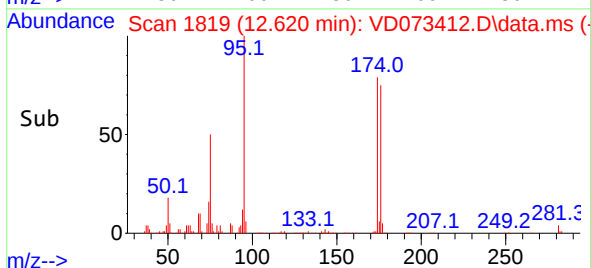
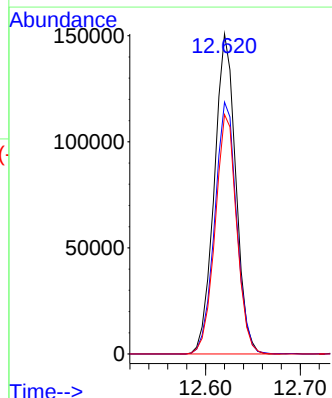
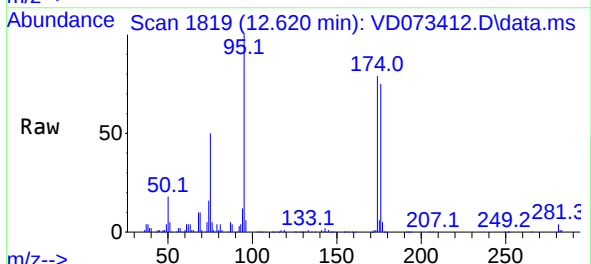
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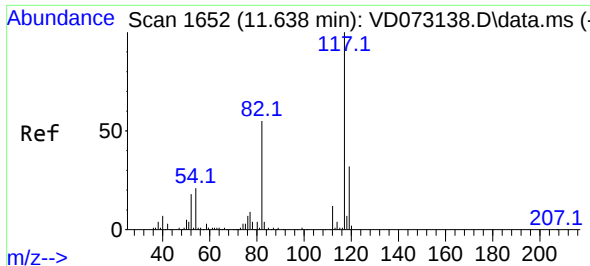
Tgt Ion: 98 Resp: 624126
Ion Ratio Lower Upper
98 100
100 67.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.447 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Tgt Ion: 95 Resp: 238210
Ion Ratio Lower Upper
95 100
174 80.2 0.0 152.8
176 74.9 0.0 145.4

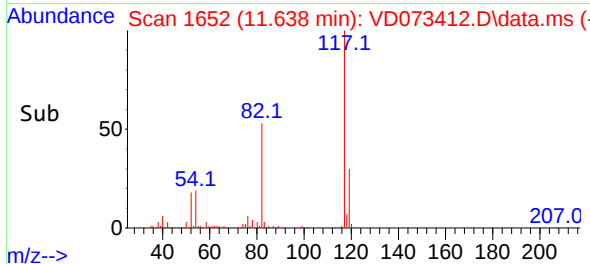
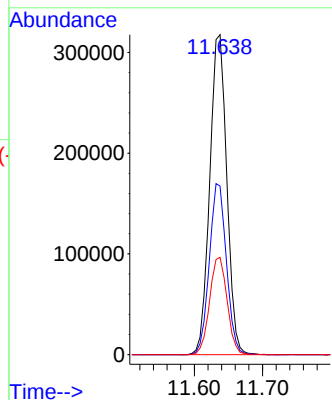
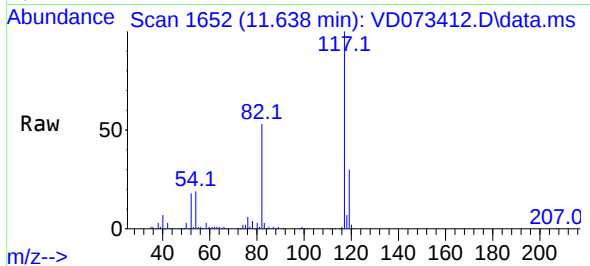




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
FS-SOIL-0526

Tgt Ion:117 Resp: 553284
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 30.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073412.D
Acq: 27 May 2022 15:40

Tgt Ion:152 Resp: 256034
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 155.6 0.0 348.6

