

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072119.D
 Acq On : 28 Feb 2022 13:35
 Operator : VA/SY
 Sample : N1650-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NW-SURFICIAL-SOIL-(NW-SS)

Quant Time: Feb 28 16:29:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	440169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	755731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	749684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	352186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	251235	55.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.040%
35) Dibromofluoromethane	7.914	113	243488	53.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.360%
50) Toluene-d8	10.338	98	931337	54.849	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.700%
62) 4-Bromofluorobenzene	12.626	95	344420	55.220	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.440%

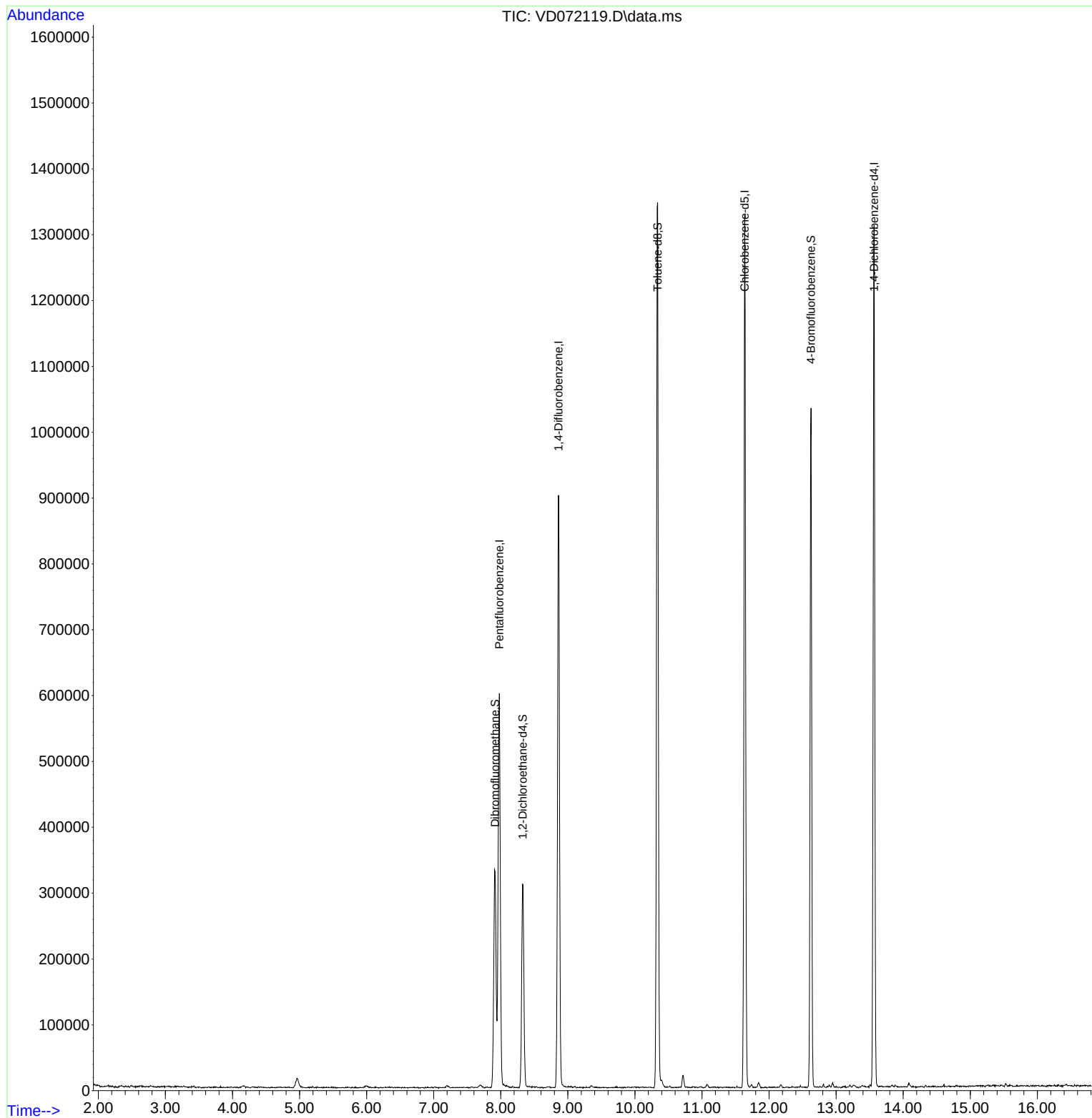
Target Compounds	Qvalue

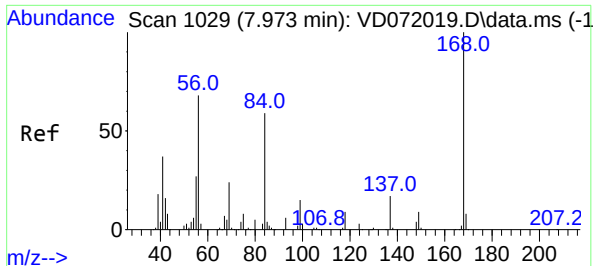
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072119.D

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Instrument :

MSVOA_D

ClientSampleId :

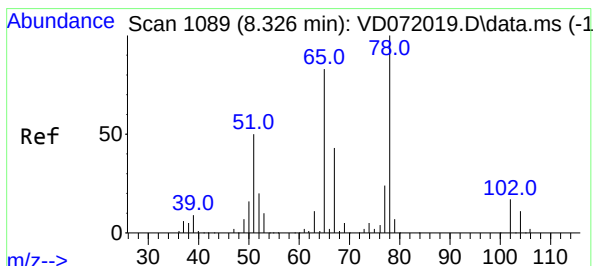
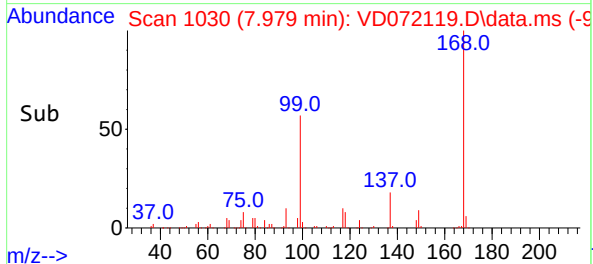
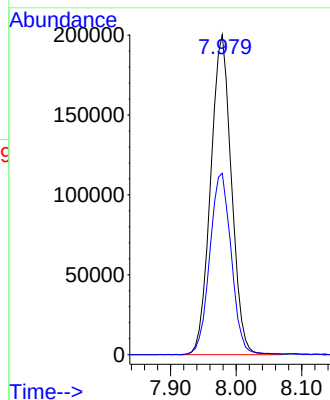
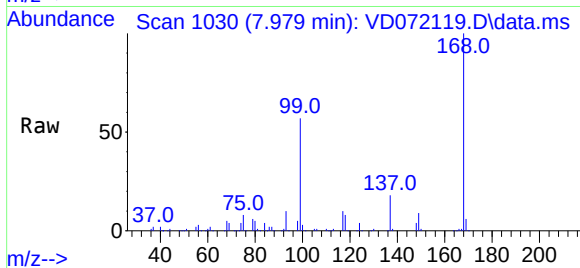
NW-SURFICIAL-SOIL-(NW-SS)

Tgt Ion:168 Resp: 440169

Ion Ratio Lower Upper

168 100

99 56.7 47.1 70.7



1,2-Dichloroethane-d4

Concen: 55.025 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072119.D

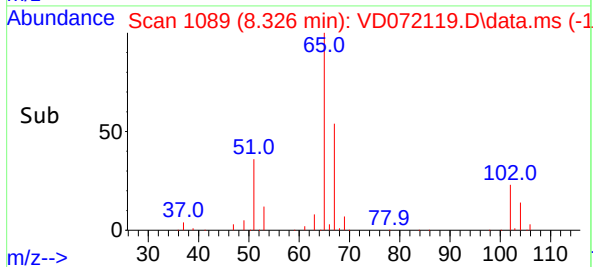
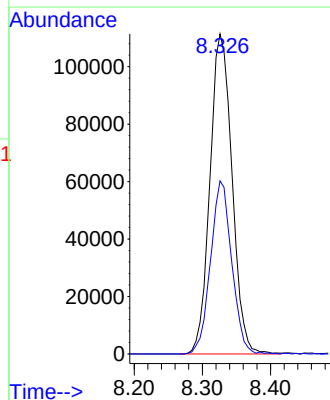
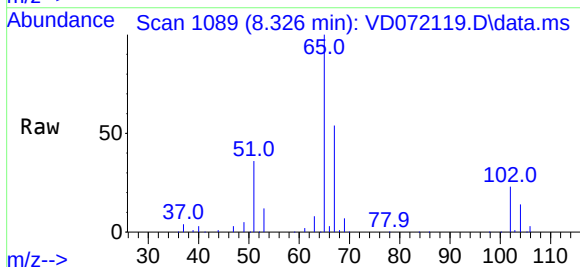
Acq: 28 Feb 2022 13:35

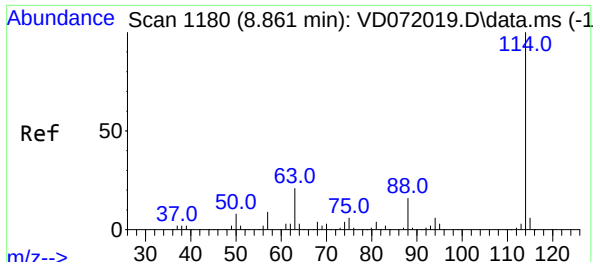
Tgt Ion: 65 Resp: 251235

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.6



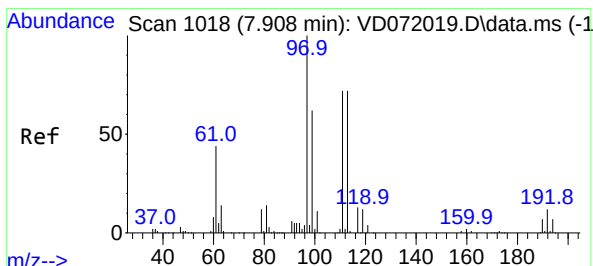
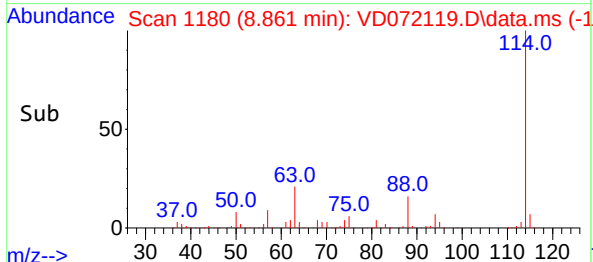
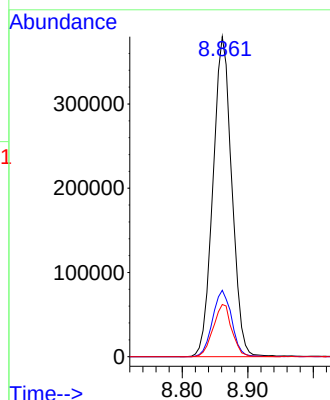
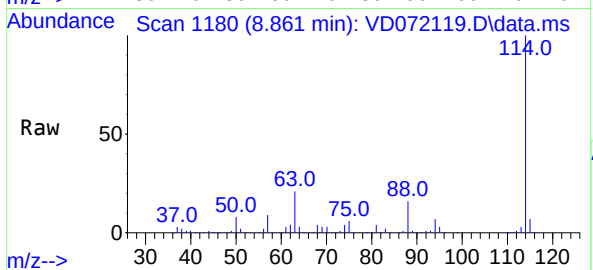


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072119.D
Acq: 28 Feb 2022 13:35

Instrument : MSVOA_D
ClientSampleId : NW-SURFICIAL-SOIL-(NW-SS)

Tgt Ion:114 Resp: 755731

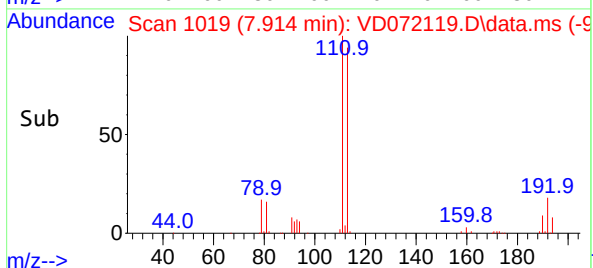
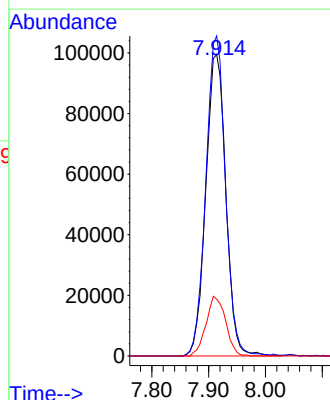
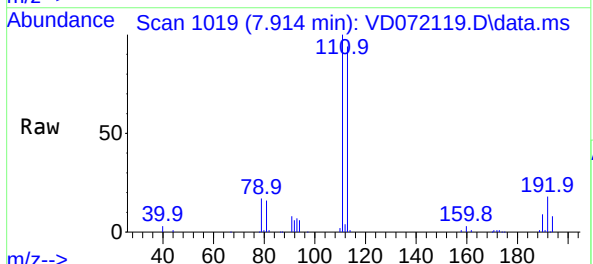
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.2
88	16.3	0.0	31.2

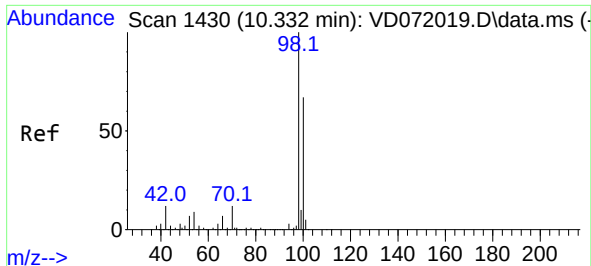


#35
Dibromofluoromethane
Concen: 53.178 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072119.D
Acq: 28 Feb 2022 13:35

Tgt Ion:113 Resp: 243488

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.4
192	19.3	15.3	22.9

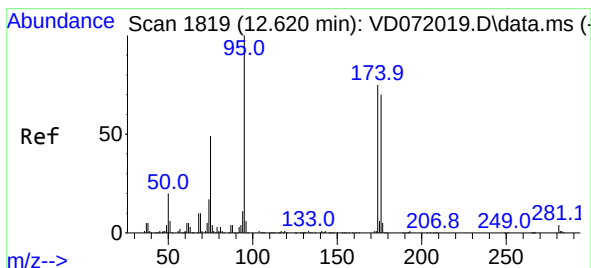
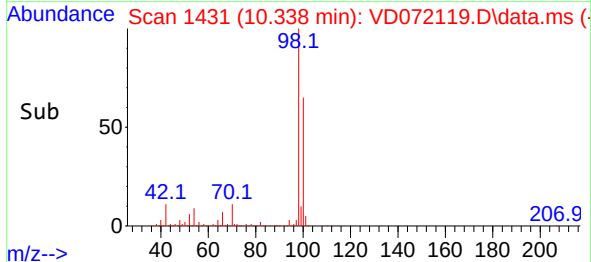
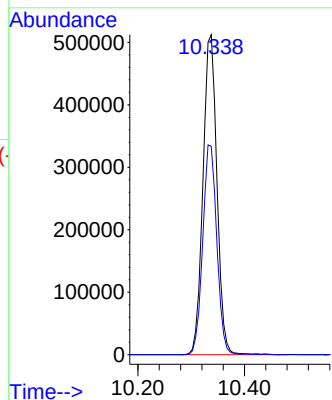
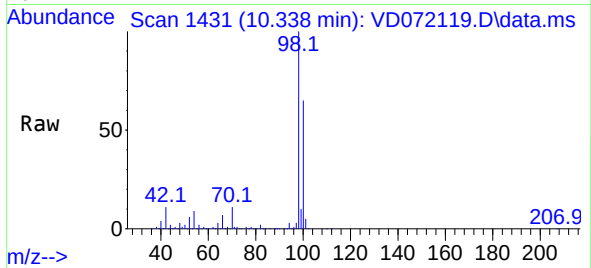




#50
Toluene-d8
Concen: 54.849 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072119.D
Acq: 28 Feb 2022 13:35

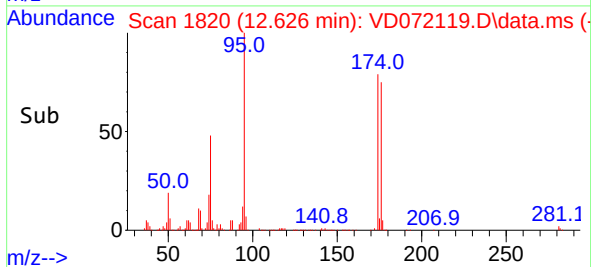
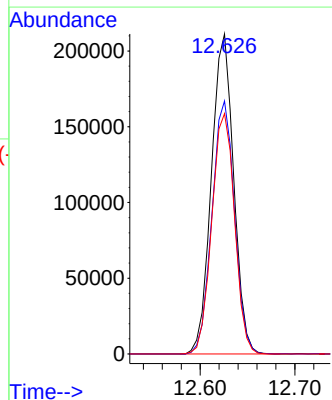
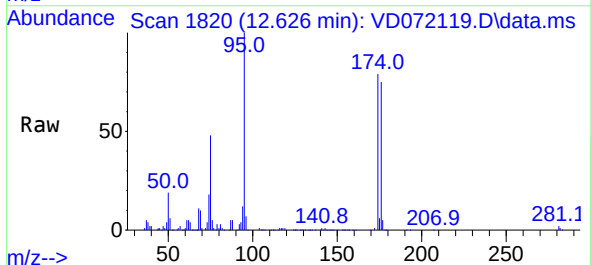
Instrument :
MSVOA_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

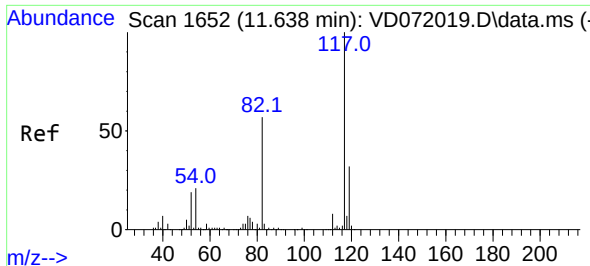
Tgt Ion: 98 Resp: 931337
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 55.220 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072119.D
Acq: 28 Feb 2022 13:35

Tgt Ion: 95 Resp: 344420
Ion Ratio Lower Upper
95 100
174 80.2 0.0 155.0
176 76.7 0.0 148.8

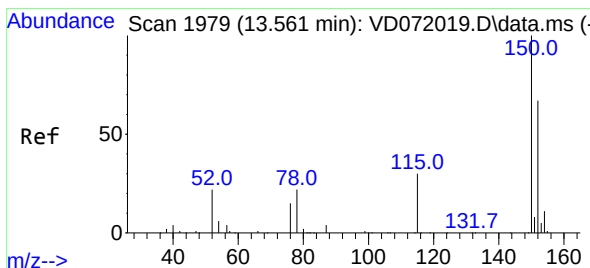
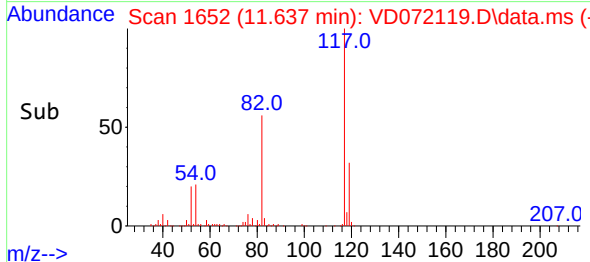
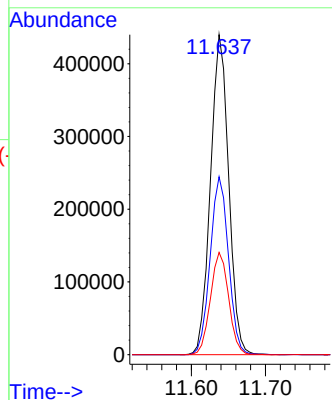
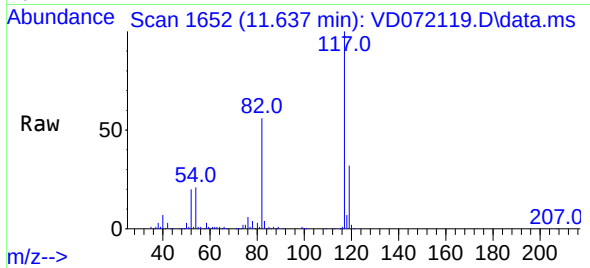




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072119.D
Acq: 28 Feb 2022 13:35

Instrument :
MSVOA_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

Tgt Ion:117 Resp: 749684
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072119.D
Acq: 28 Feb 2022 13:35

Tgt Ion:152 Resp: 352186
Ion Ratio Lower Upper
152 100
115 59.9 29.9 89.7
150 158.1 0.0 347.6

