

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069205.D
 Acq On : 19 May 2021 19:19
 Operator : VA/SY
 Sample : M2449-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOP-SOIL-COMPOSITE-PILE-3

Quant Time: May 20 01:03:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	157901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	305421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	368654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	112004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119937	75.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.54%
35) Dibromofluoromethane	7.914	113	124147	62.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.92%
50) Toluene-d8	10.337	98	402343	55.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.18%
62) 4-Bromofluorobenzene	12.631	95	112676	47.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.90%

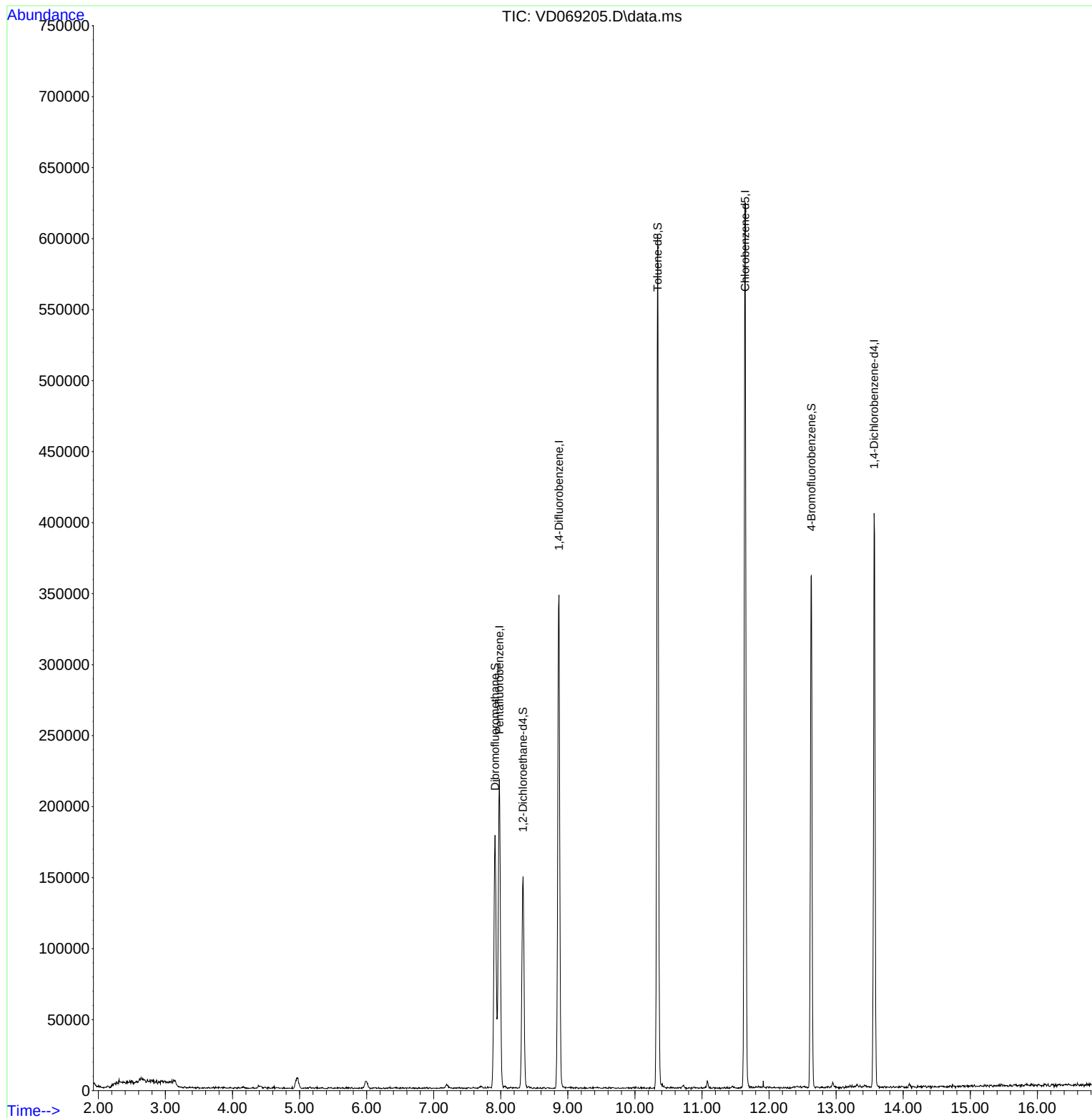
Target Compounds	Qvalue

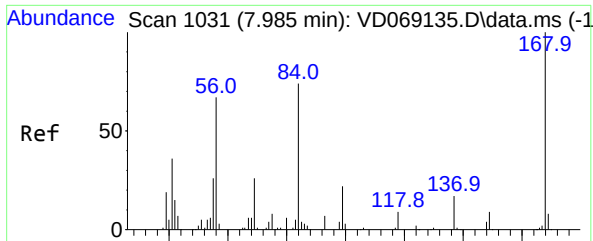
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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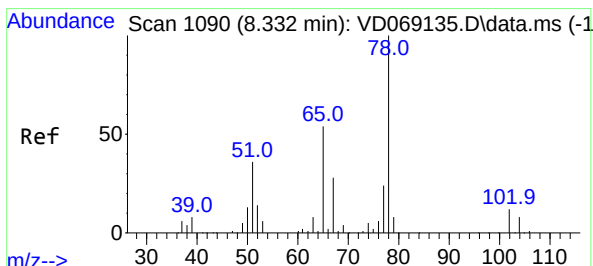
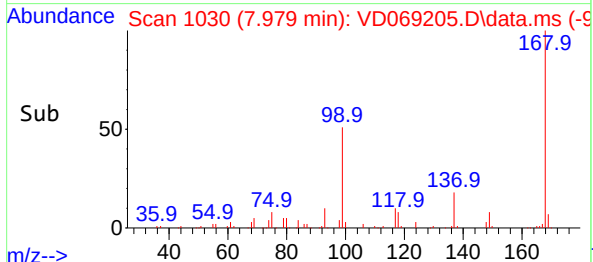
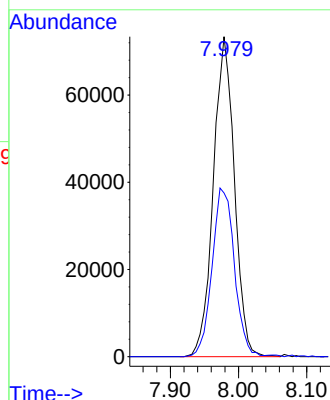
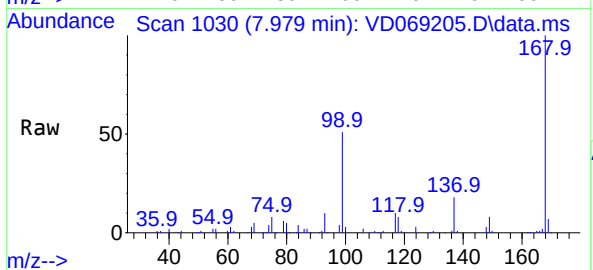




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069205.D
 Acq: 19 May 2021 19:19

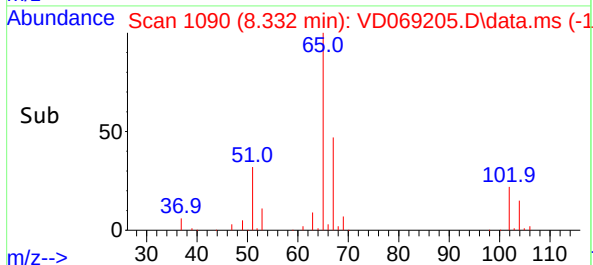
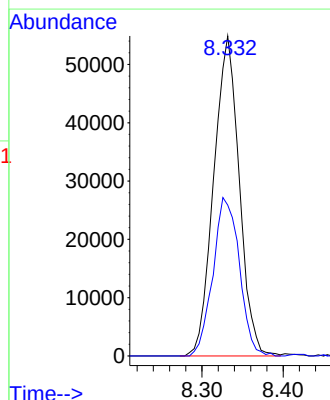
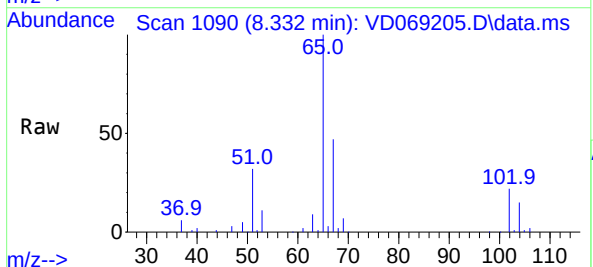
Instrument :
 MSVOA_D
 ClientSampleId :
 TOP-SOIL-COMPOSITE-PILE-3

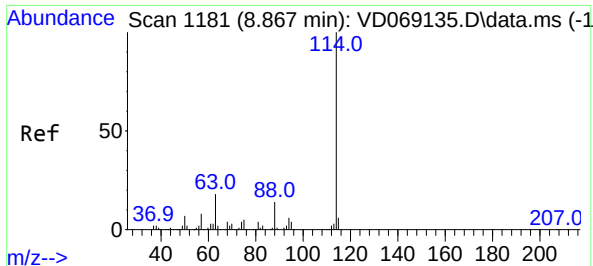
Tgt Ion:168 Resp: 157901
 Ion Ratio Lower Upper
 168 100
 99 51.1 47.2 70.8



1,2-Dichloroethane-d4
 Concen: 75.77 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069205.D
 Acq: 19 May 2021 19:19

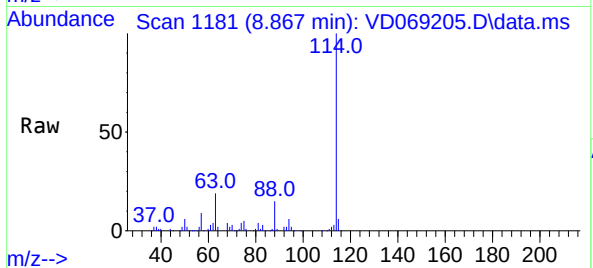
Tgt Ion: 65 Resp: 119937
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 108.0



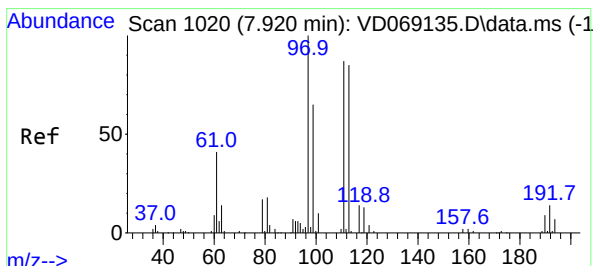
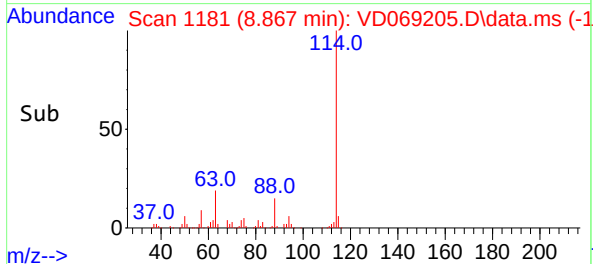
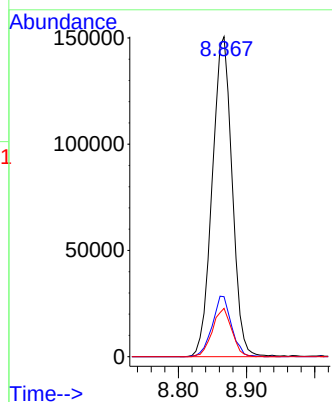


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Instrument :
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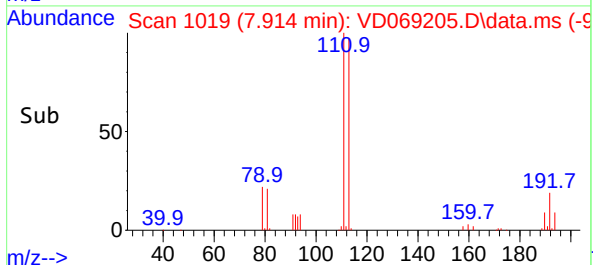
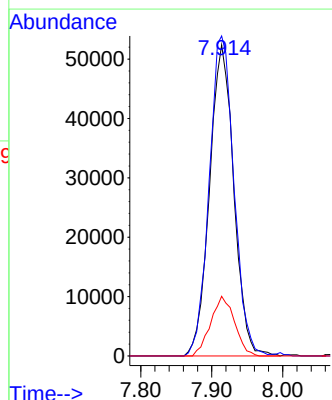
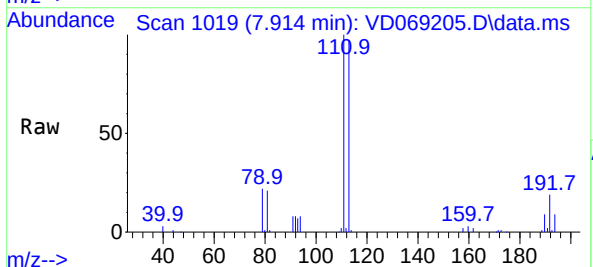


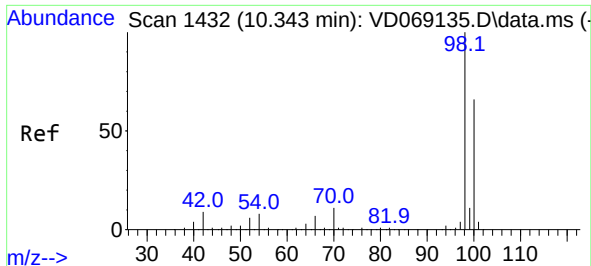
Tgt Ion:114 Resp: 305421
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 15.1 0.0 28.2



#35
Dibromofluoromethane
Concen: 62.46 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Tgt Ion:113 Resp: 124147
Ion Ratio Lower Upper
113 100
111 104.9 80.6 120.8
192 18.9 14.8 22.2

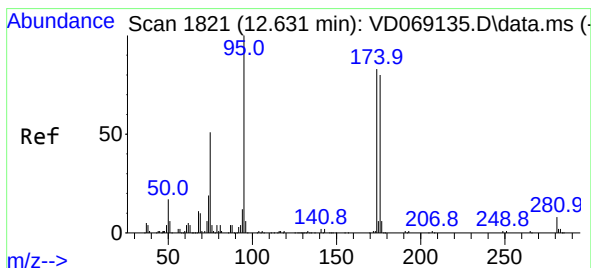
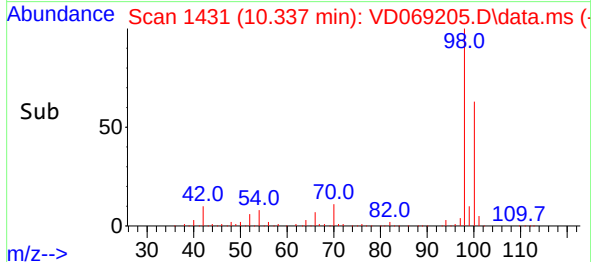
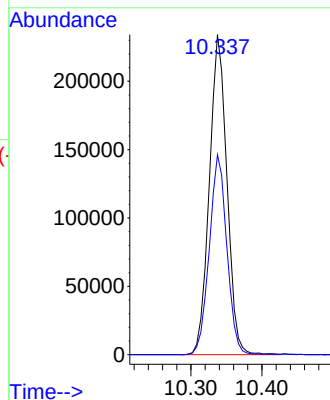
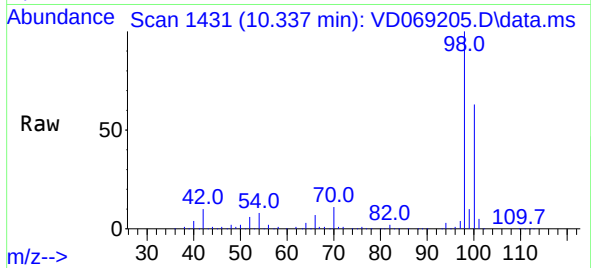




#50
Toluene-d8
Concen: 55.09 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

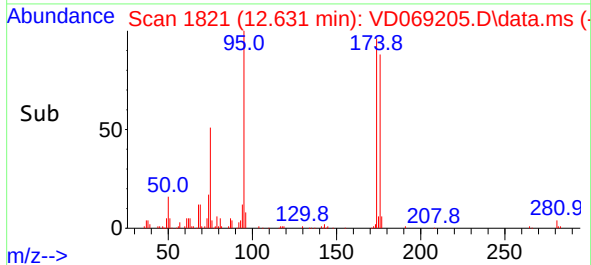
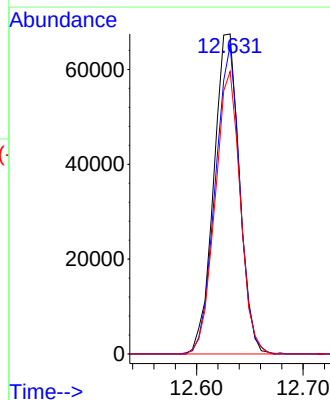
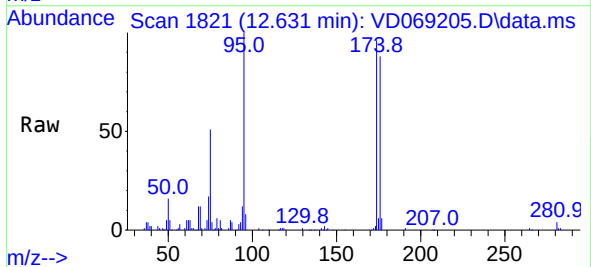
Instrument :
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TOP-SOIL-COMPOSITE-PILE-3

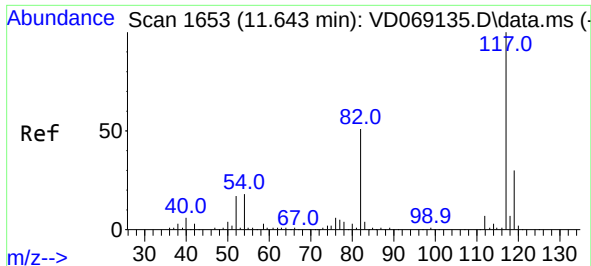
Tgt Ion: 98 Resp: 402343
Ion Ratio Lower Upper
98 100
100 62.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 47.95 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Tgt Ion: 95 Resp: 112676
Ion Ratio Lower Upper
95 100
174 92.8 0.0 171.8
176 86.7 0.0 165.4

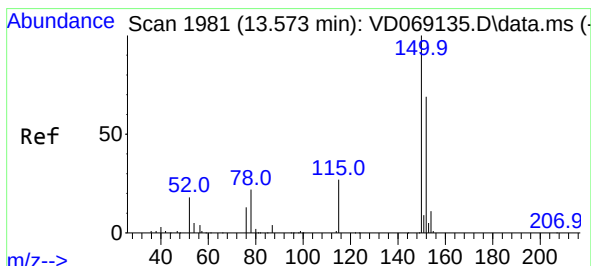
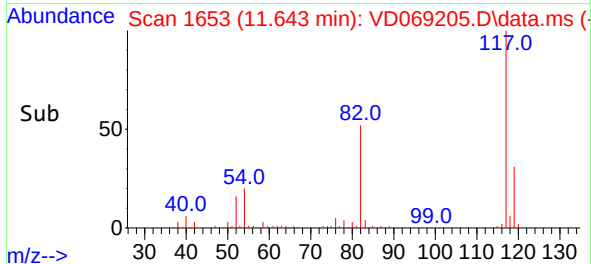
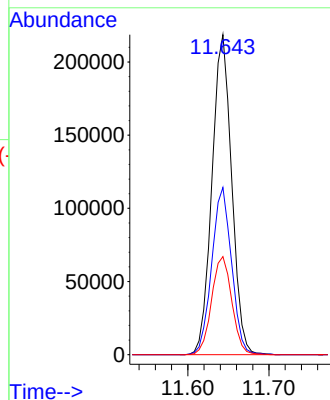
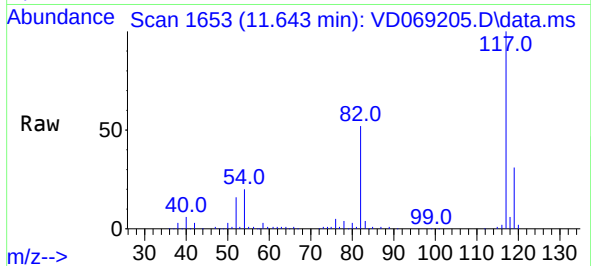




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3

Tgt Ion:117 Resp: 368654
Ion Ratio Lower Upper
117 100
82 52.2 40.5 60.7
119 30.7 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Tgt Ion:152 Resp: 112004
Ion Ratio Lower Upper
152 100
115 56.5 29.9 89.8
150 157.5 0.0 350.2

