

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070419.D
 Acq On : 22 Sep 2021 11:40
 Operator : VA/SY
 Sample : M3860-01RE
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-SOILRE

Quant Time: Sep 23 05:30:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	270137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	506072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	433637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	133626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168595	48.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.220%
35) Dibromofluoromethane	7.914	113	163950	45.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.020%
50) Toluene-d8	10.338	98	485830	37.146	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.300%
62) 4-Bromofluorobenzene	12.626	95	130584	28.568	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.140%

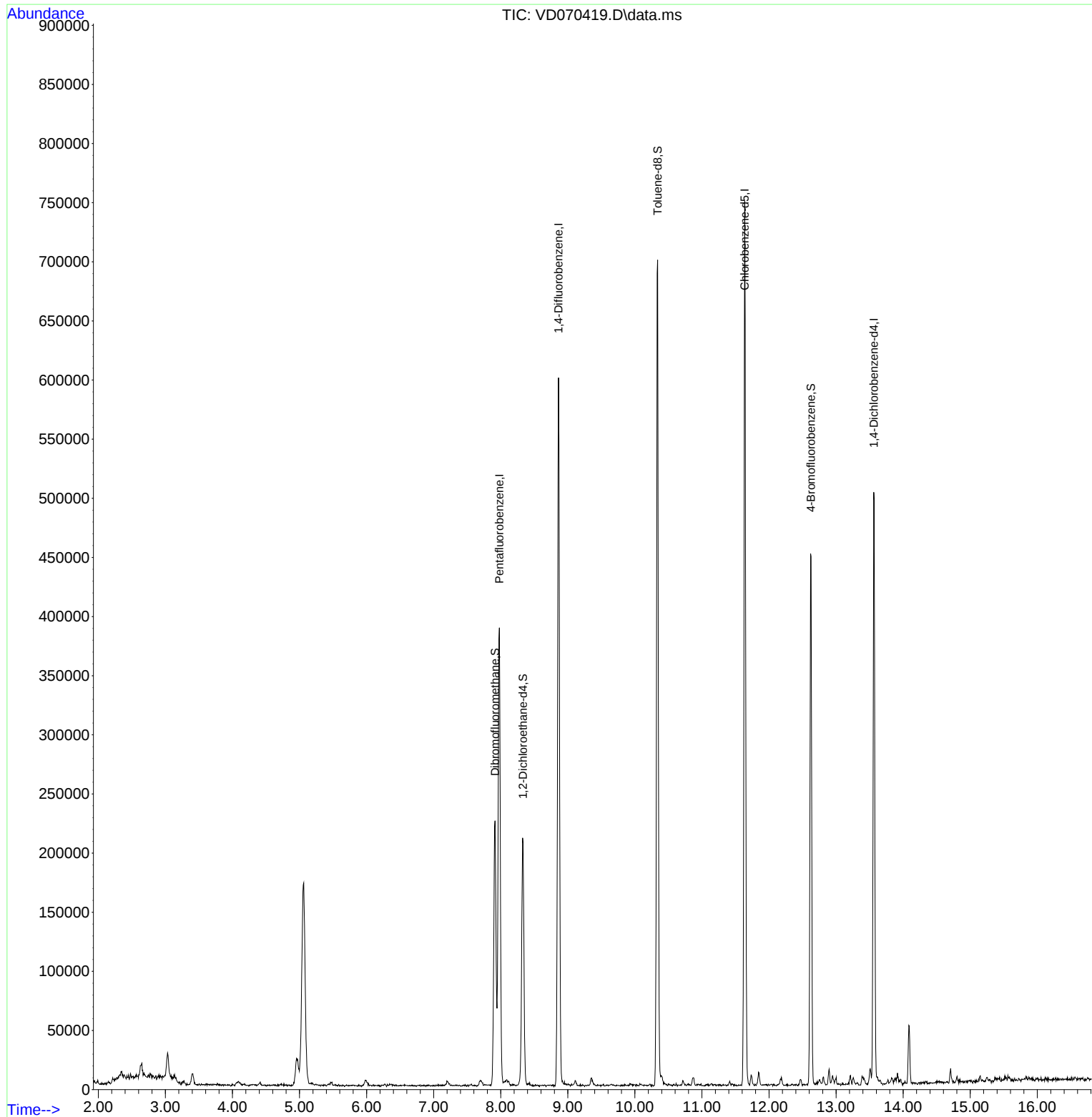
Target Compounds	Qvalue

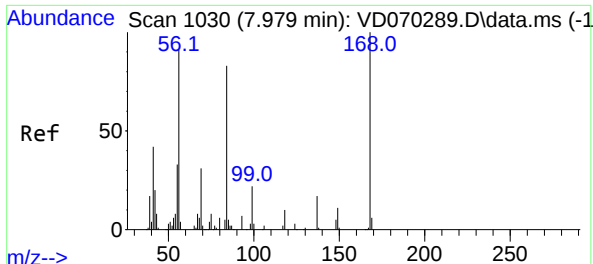
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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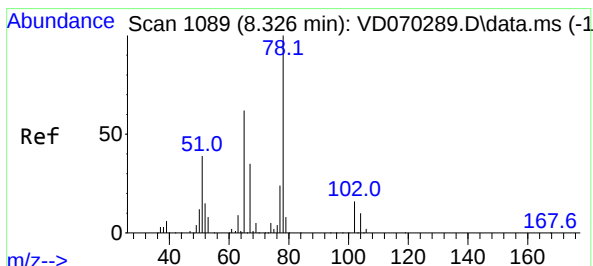
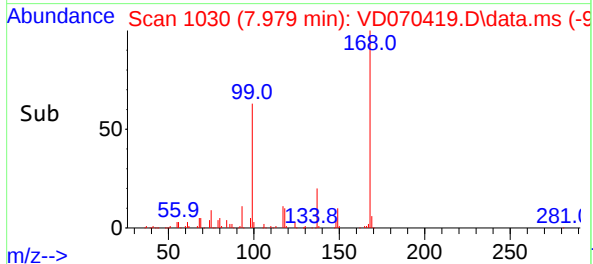
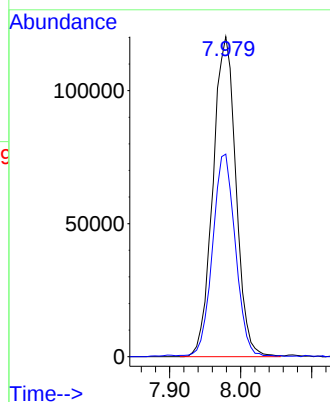
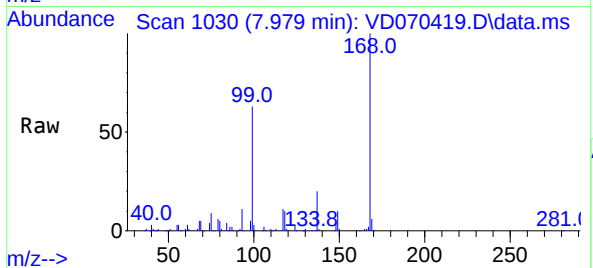




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

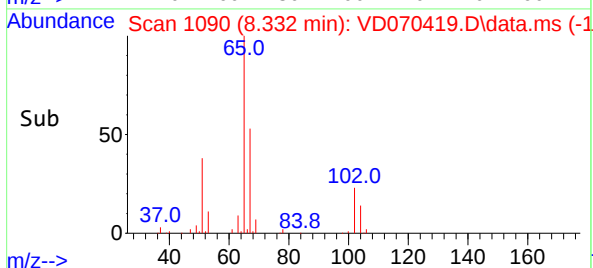
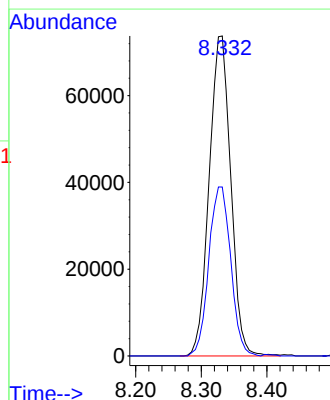
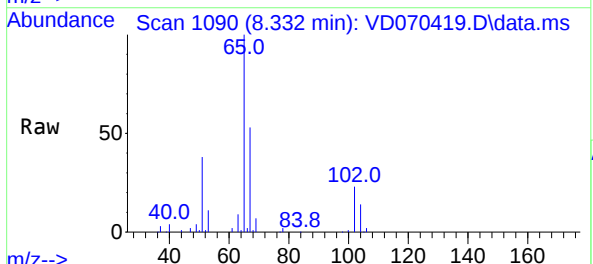
Instrument :
MSVOA_D
ClientSampleId :
PT-SOILRE

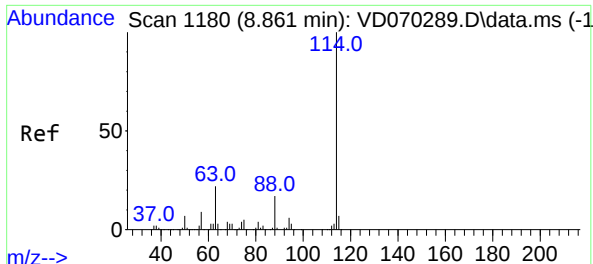
Tgt Ion:168 Resp: 270137
Ion Ratio Lower Upper
168 100
99 62.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.606 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion: 65 Resp: 168595
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.4

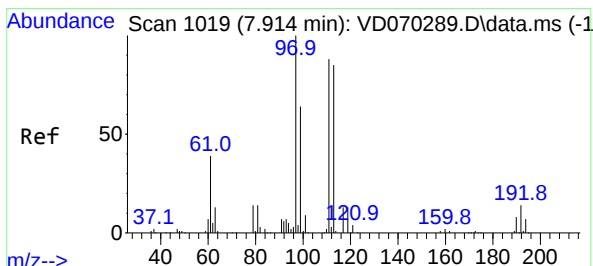
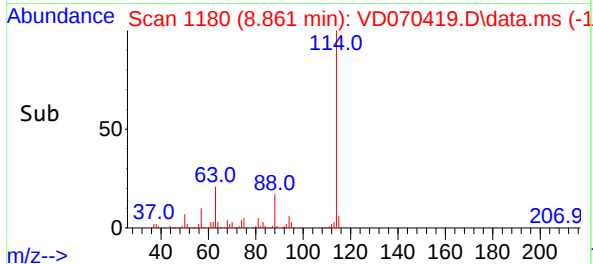
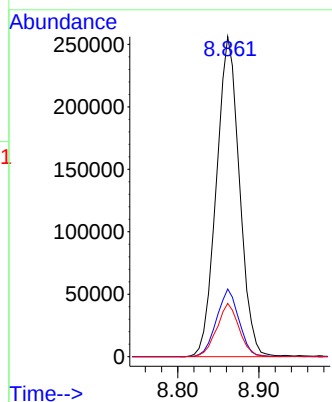
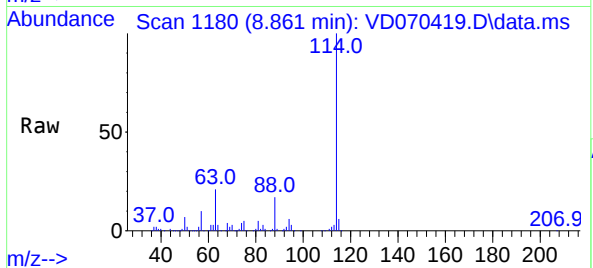




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

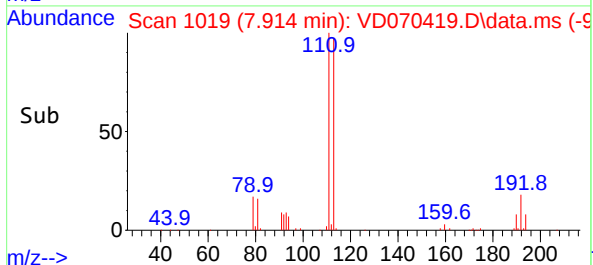
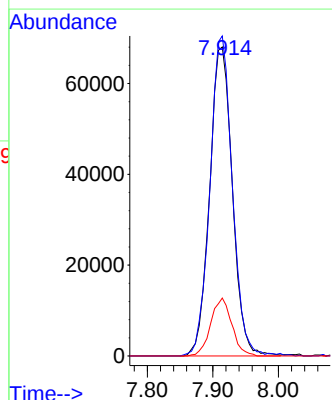
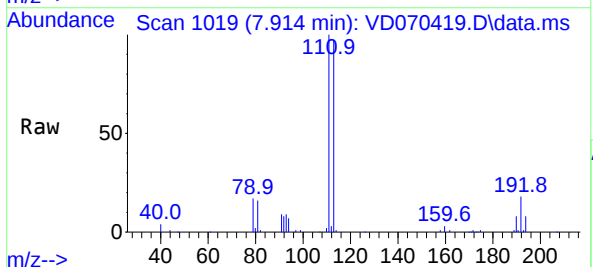
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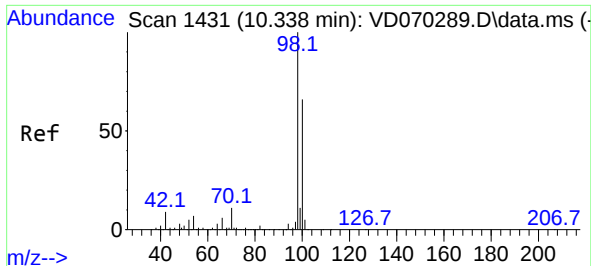
Tgt Ion:	114	Resp:	506072
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	16.7	0.0	33.4



#35
Dibromofluoromethane
Concen: 45.513 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion:	113	Resp:	163950
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	17.4	13.0	19.6

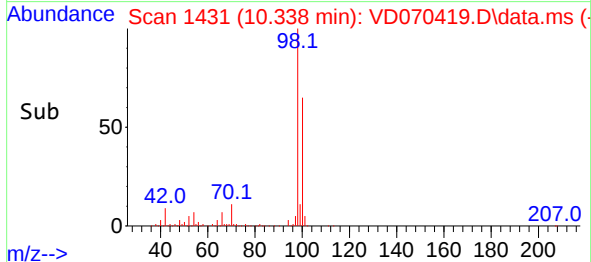
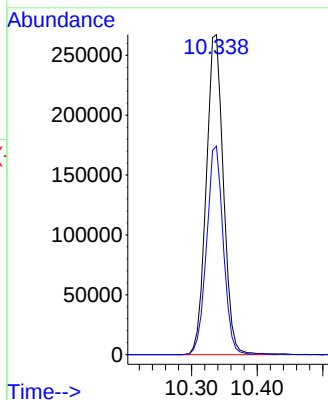
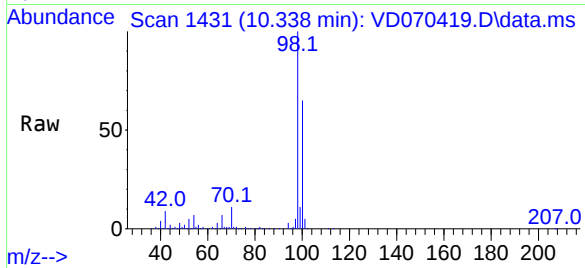




#50
Toluene-d8
Concen: 37.146 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

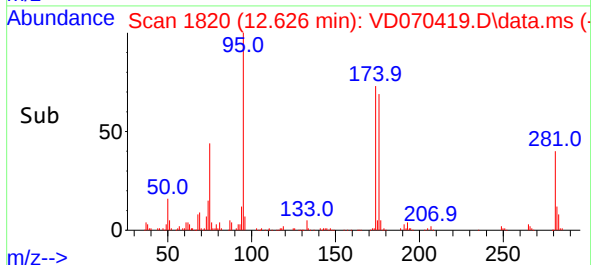
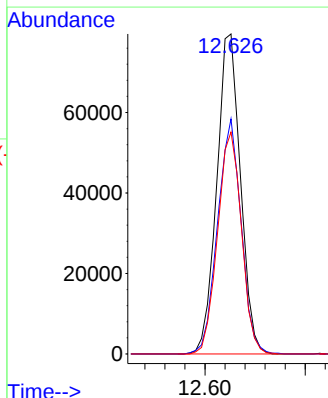
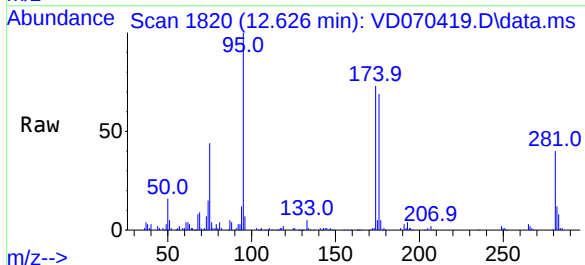
Instrument :
MSVOA_D
ClientSampleId :
PT-SOILRE

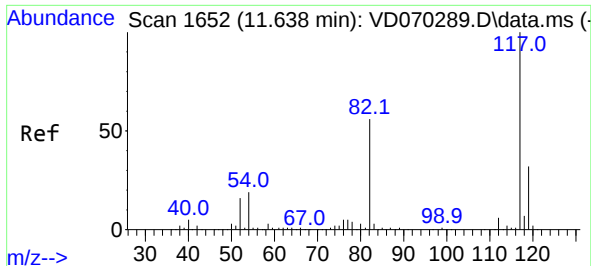
Tgt Ion: 98 Resp: 485830
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.568 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion: 95 Resp: 130584
Ion Ratio Lower Upper
95 100
174 72.9 0.0 140.6
176 69.6 0.0 137.4

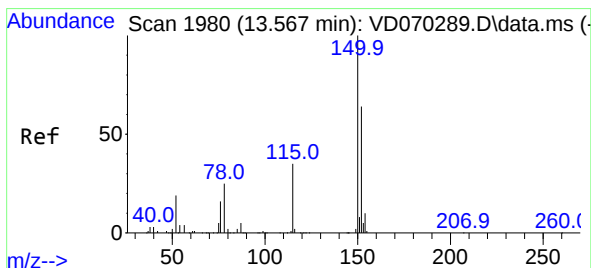
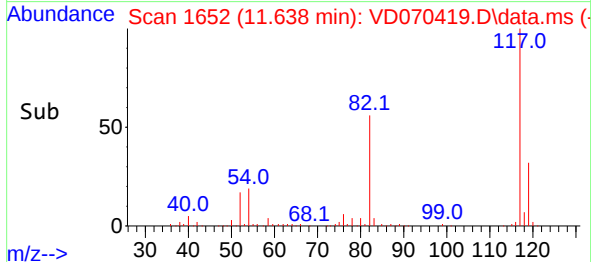
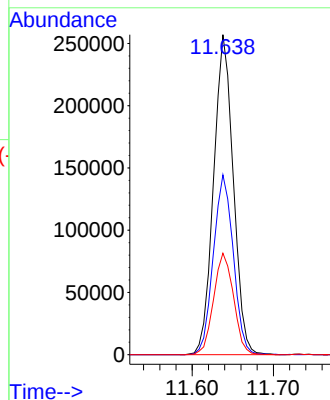
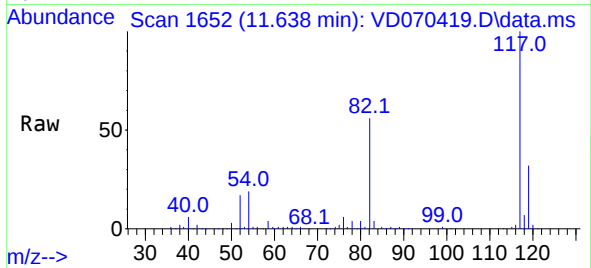




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Instrument :
MSVOA_D
ClientSampleId :
PT-SOILRE

Tgt Ion:117 Resp: 433637
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion:152 Resp: 133626
Ion Ratio Lower Upper
152 100
115 64.6 32.1 96.3
150 161.4 0.0 350.6

