

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069892.D
 Acq On : 28 Jul 2021 16:51
 Operator : VA/SY
 Sample : M3204-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-072721

Quant Time: Jul 29 04:00:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	148393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	269242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	273290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	113881	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144591	84.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	169.440%#
35) Dibromofluoromethane	7.908	113	108654	64.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.040%
50) Toluene-d8	10.338	98	343942	52.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.100%
62) 4-Bromofluorobenzene	12.626	95	112370	51.375	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.740%

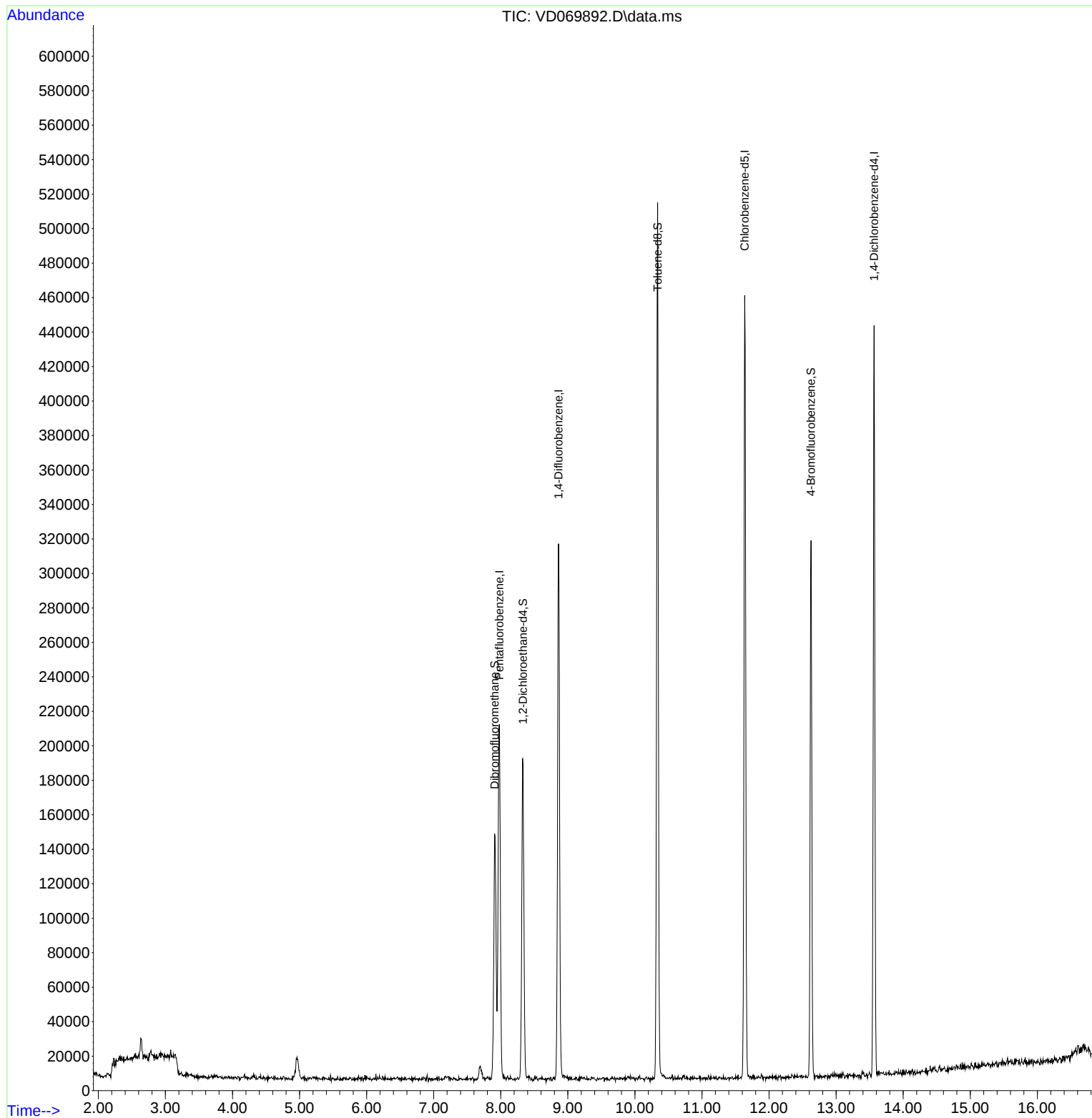
Target Compounds	Qvalue

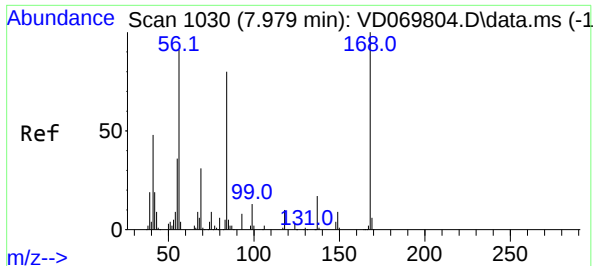
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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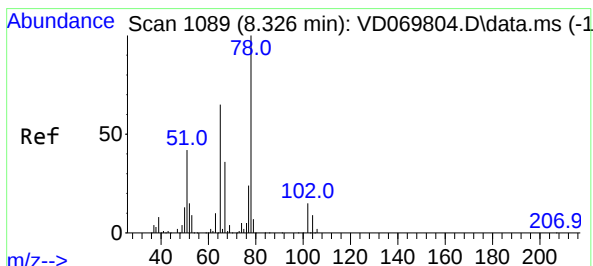
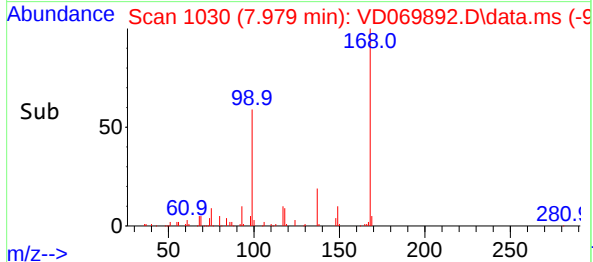
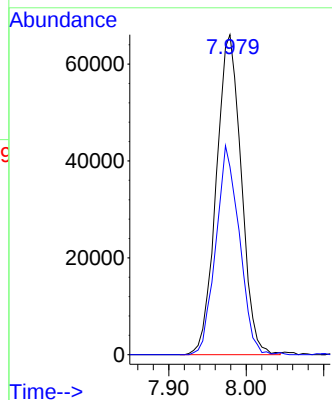
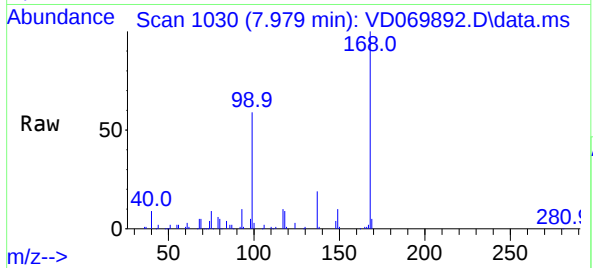




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069892.D
Acq: 28 Jul 2021 16:51

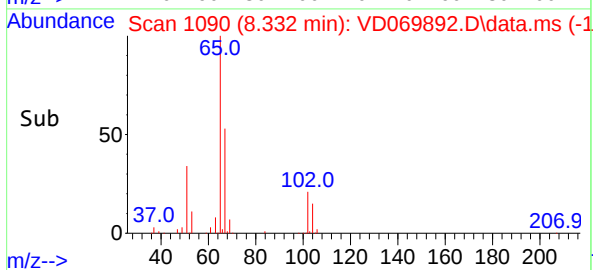
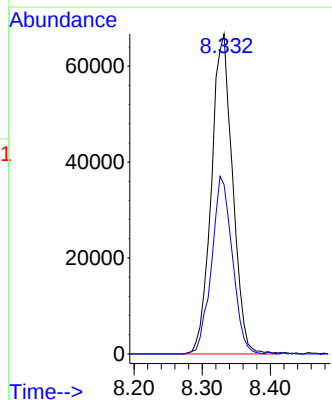
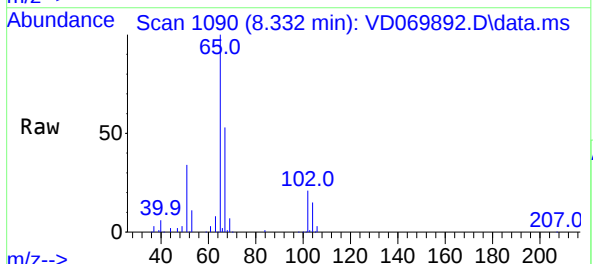
Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

Tgt Ion:168 Resp: 148393
Ion Ratio Lower Upper
168 100
99 58.7 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 84.722 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069892.D
Acq: 28 Jul 2021 16:51

Tgt Ion: 65 Resp: 144591
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.2





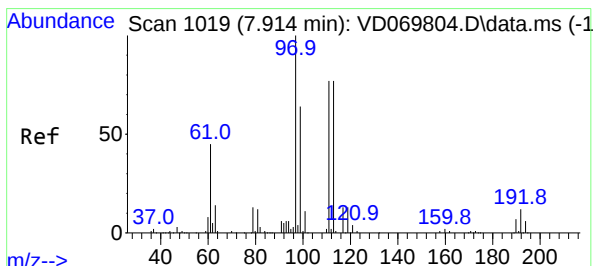
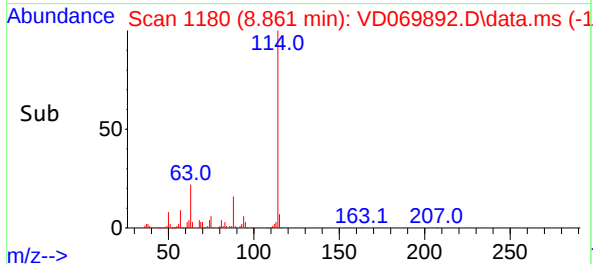
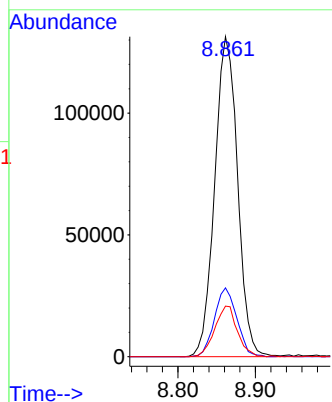
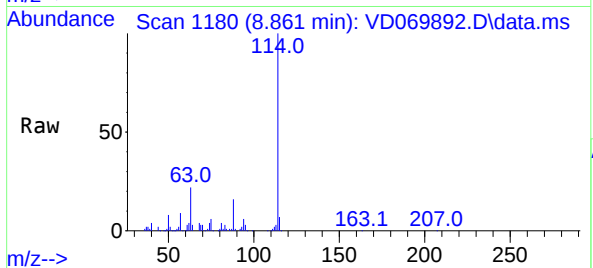
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069892.D
Acq: 28 Jul 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

Tgt Ion:114 Resp: 269242

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.6
88	15.8	0.0	31.4

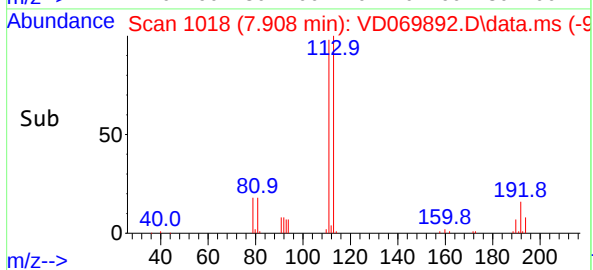
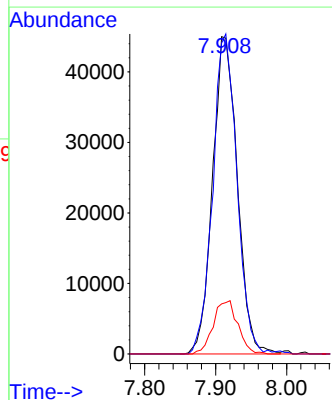
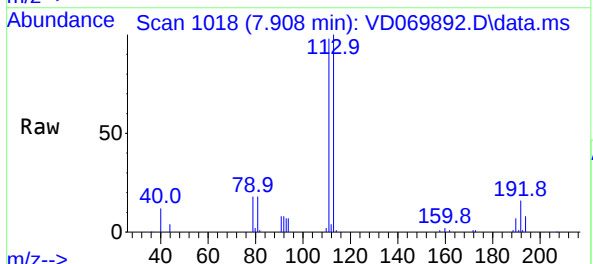


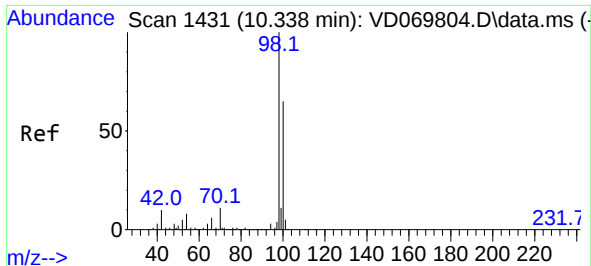
#35

Dibromofluoromethane
Concen: 64.016 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069892.D
Acq: 28 Jul 2021 16:51

Tgt Ion:113 Resp: 108654

Ion	Ratio	Lower	Upper
113	100		
111	99.0	80.5	120.7
192	16.7	12.6	19.0

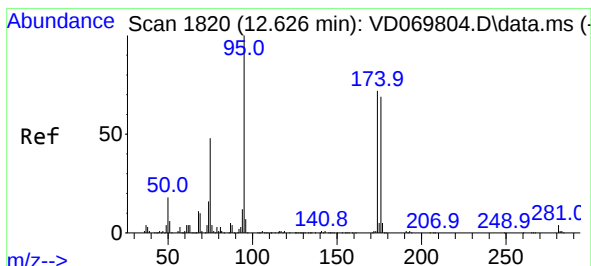
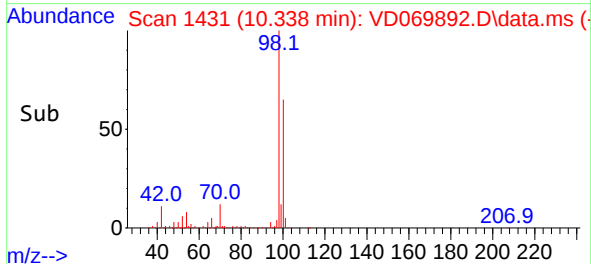
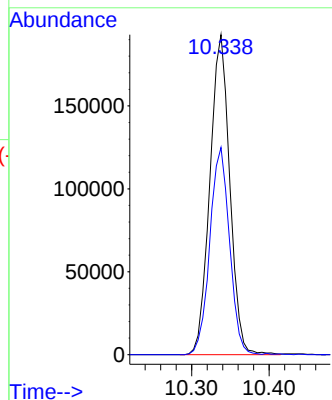
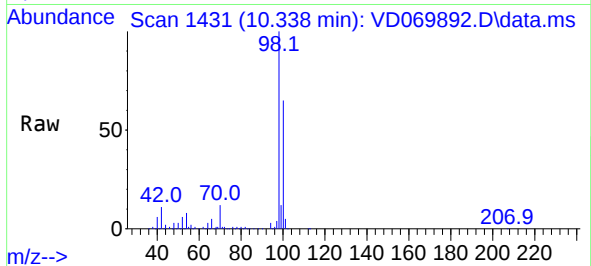




#50
Toluene-d8
Concen: 52.553 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069892.D
Acq: 28 Jul 2021 16:51

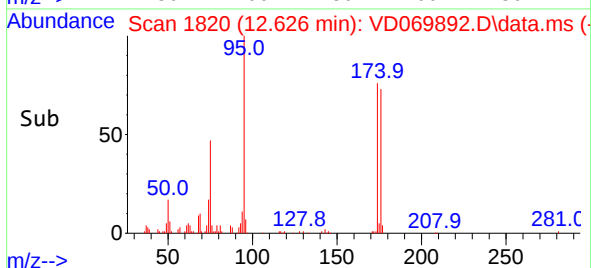
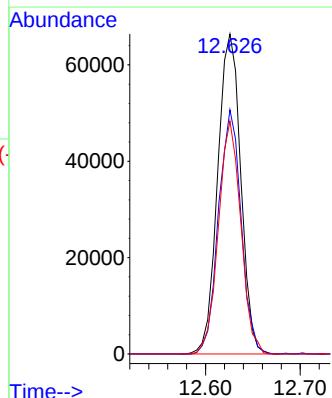
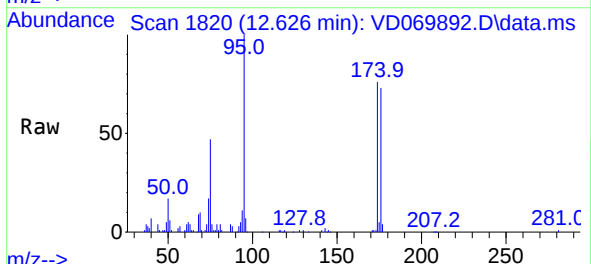
Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

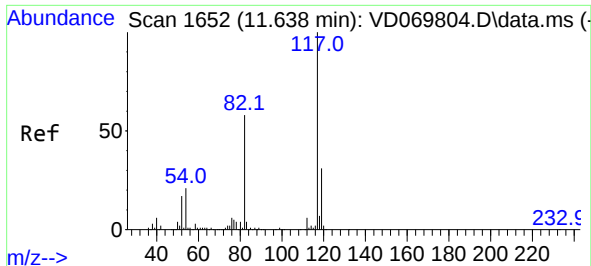
Tgt Ion: 98 Resp: 343942
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069892.D
Acq: 28 Jul 2021 16:51

Tgt Ion: 95 Resp: 112370
Ion Ratio Lower Upper
95 100
174 74.7 0.0 142.6
176 70.4 0.0 134.2

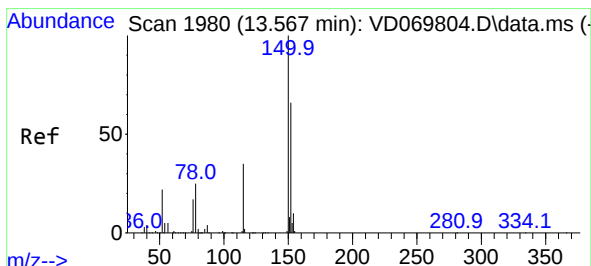
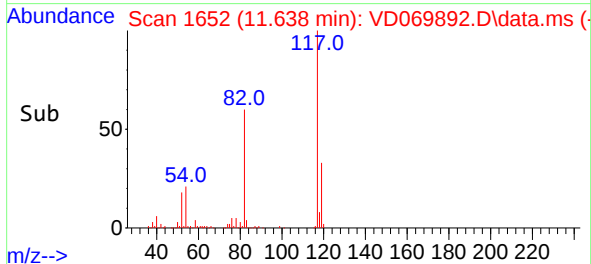
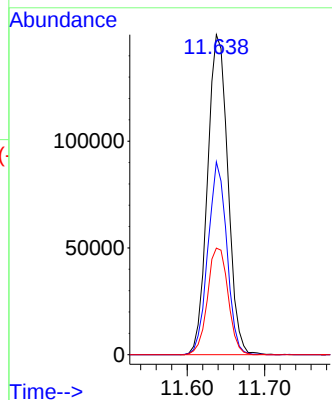
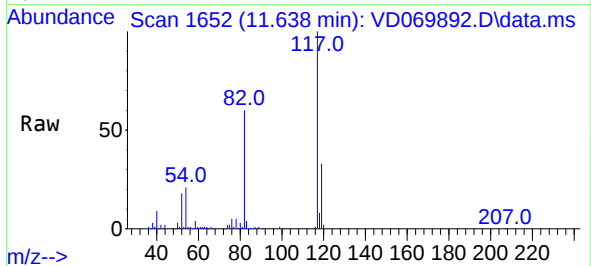




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069892.D
Acq: 28 Jul 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
EO-03-072721

Tgt Ion:	117	Resp:	273290
Ion	Ratio	Lower	Upper
117	100		
82	60.3	46.3	69.5
119	33.3	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069892.D
Acq: 28 Jul 2021 16:51

Tgt Ion:	152	Resp:	113881
Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.1	93.3
150	161.3	0.0	343.0

