

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072372.D
 Acq On : 22 Mar 2022 19:52
 Operator : VA/SY
 Sample : N2072-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-32222

Quant Time: Mar 23 01:15:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	104976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	177539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	214041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	109335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	73634	62.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.880%
35) Dibromofluoromethane	7.908	113	63289	50.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.320%
50) Toluene-d8	10.332	98	225142	49.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.620	95	104061	58.625	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.260%

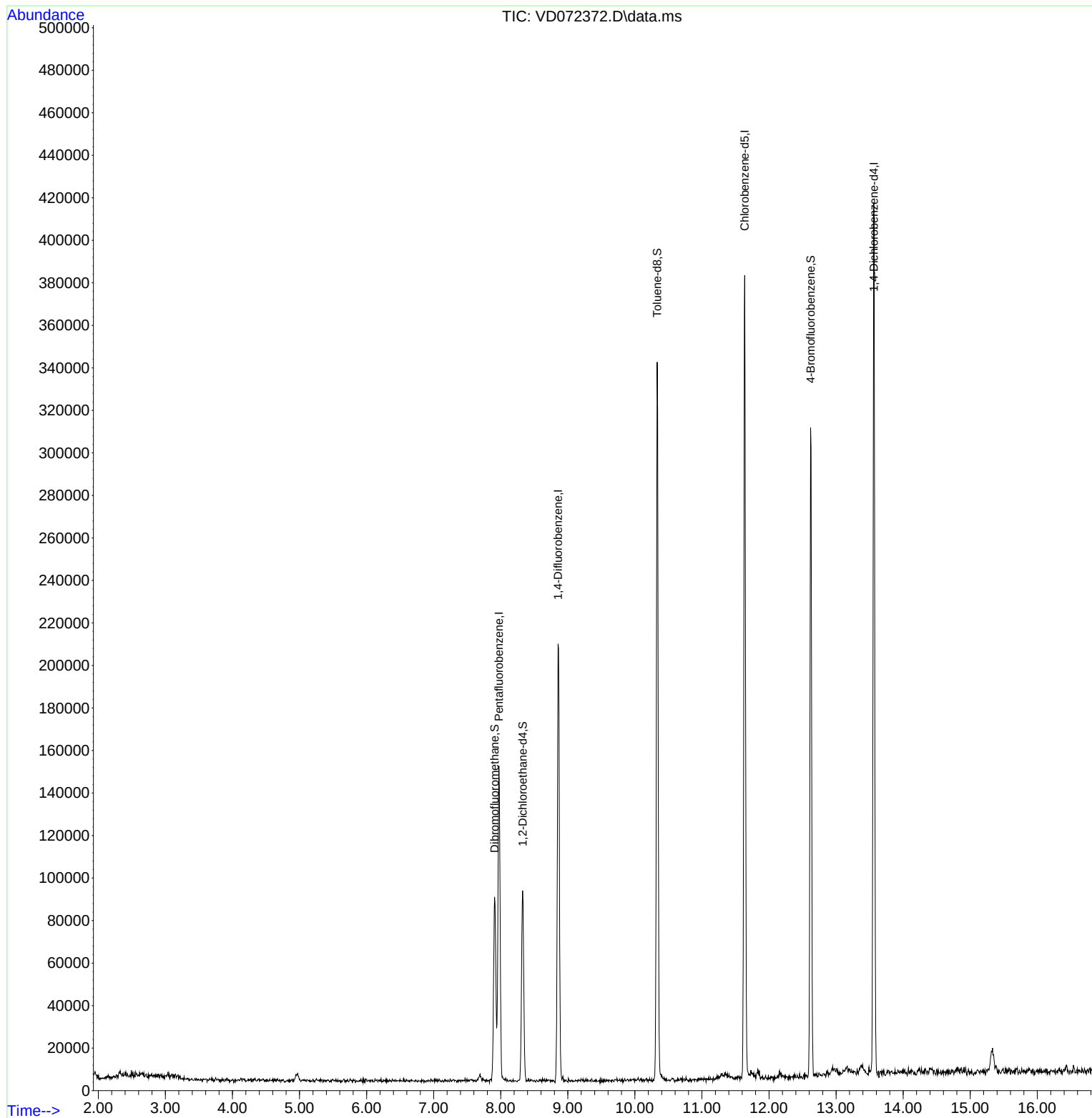
Target Compounds	Qvalue

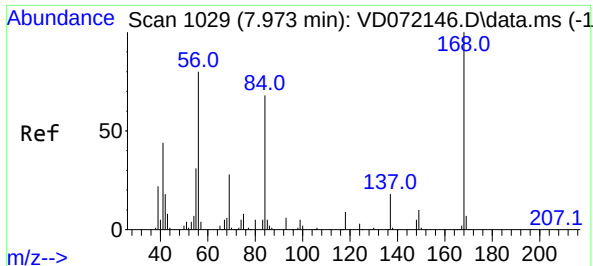
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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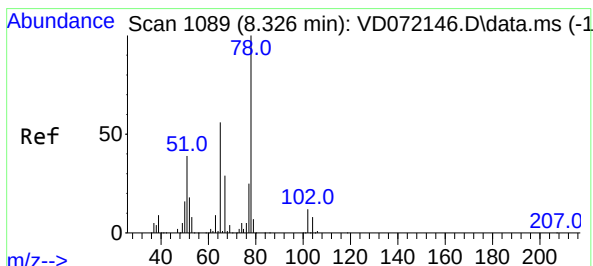
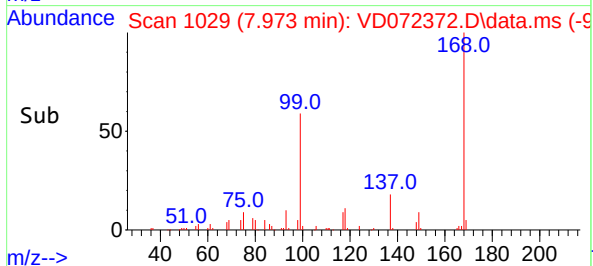
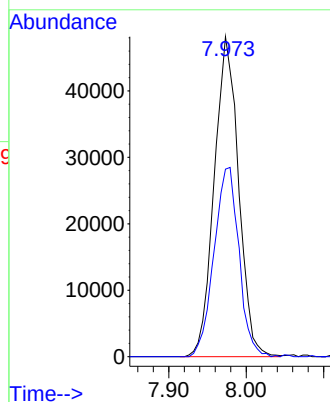
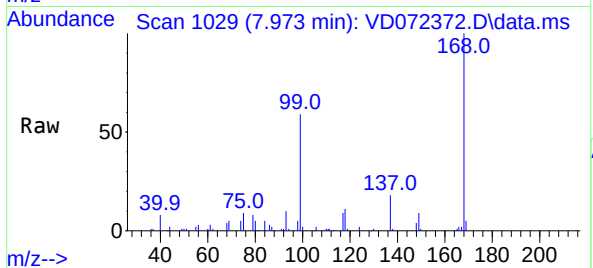




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

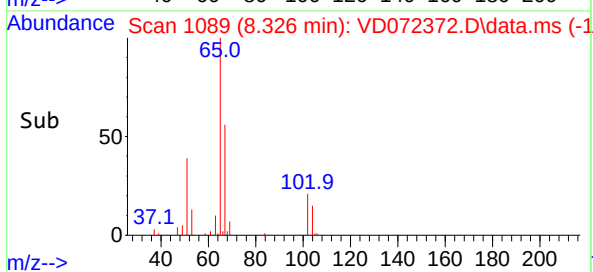
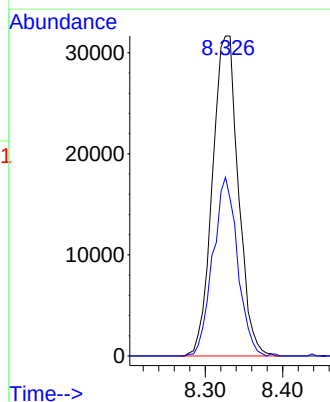
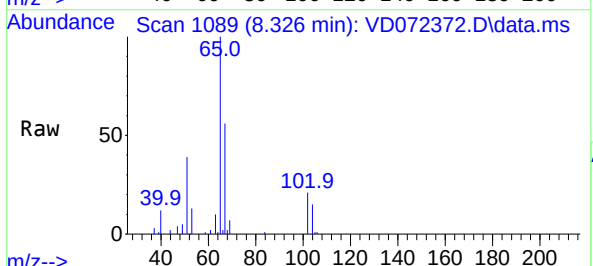
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

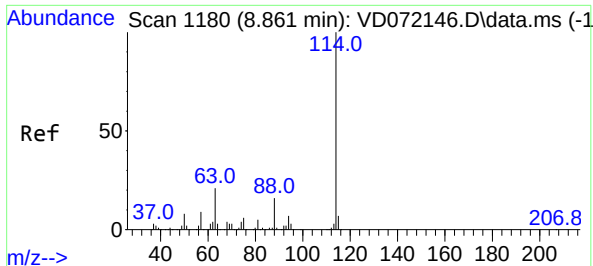
Tgt Ion:168 Resp: 104976
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 62.941 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Tgt Ion: 65 Resp: 73634
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072372.D

Acq: 22 Mar 2022 19:52

Instrument :

MSVOA_D

ClientSampleId :

EO-03-32222

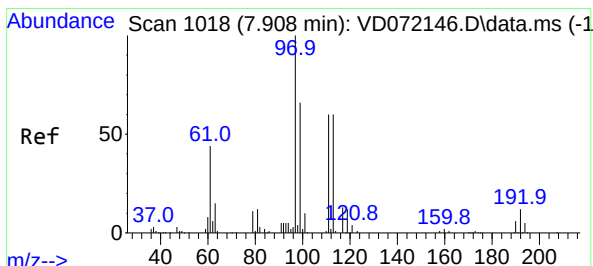
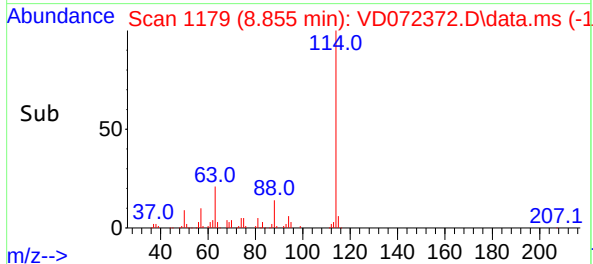
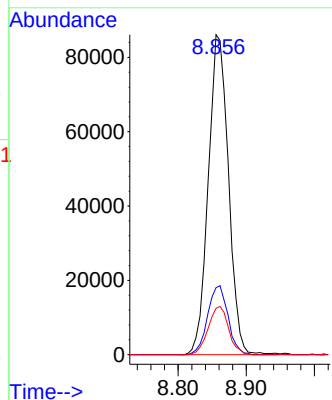
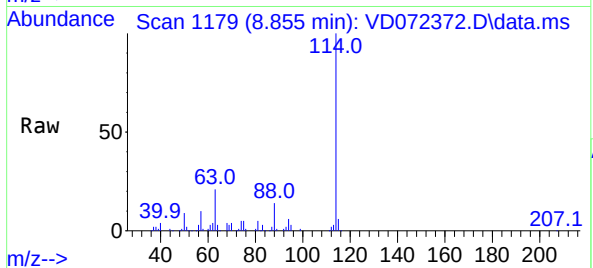
Tgt Ion:114 Resp: 177539

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.657 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072372.D

Acq: 22 Mar 2022 19:52

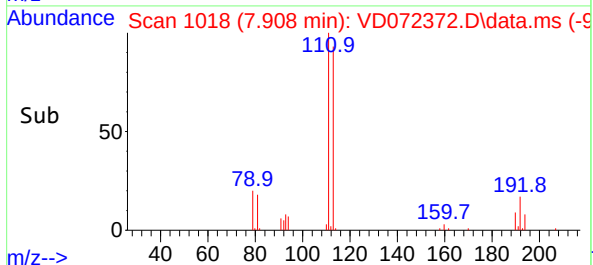
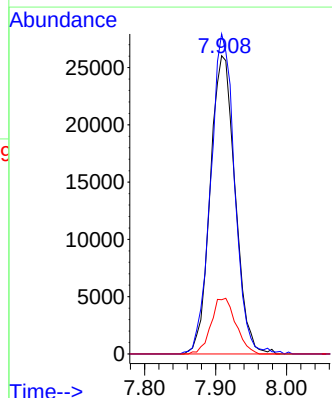
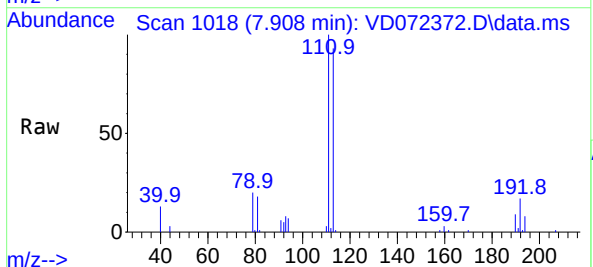
Tgt Ion:113 Resp: 63289

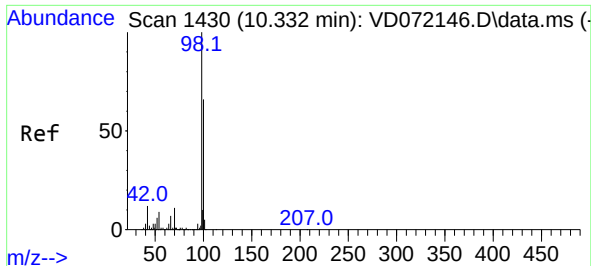
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.6 14.6 21.8

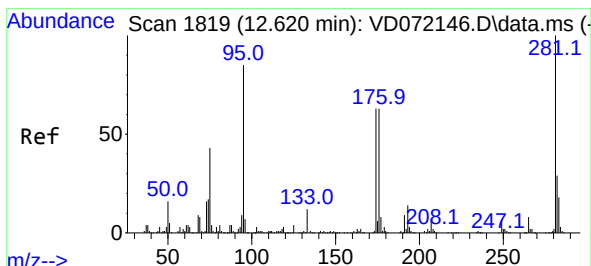
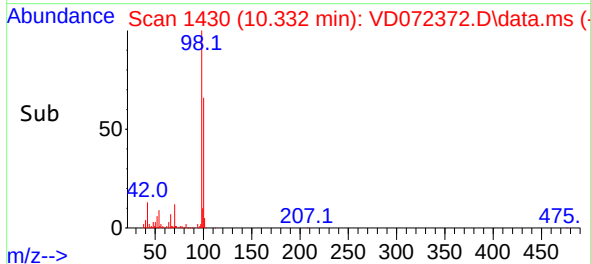
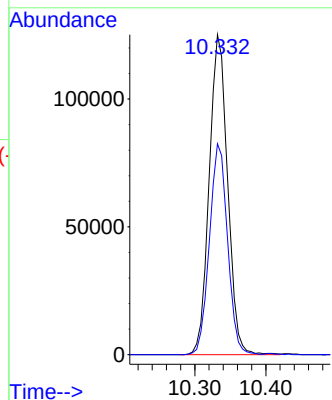
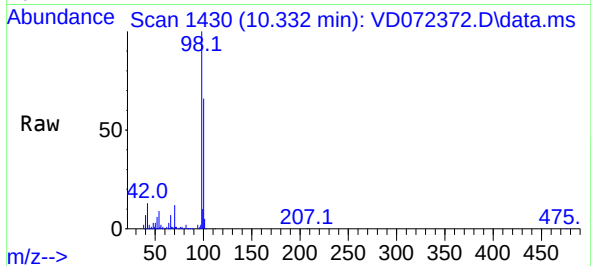




#50
Toluene-d8
Concen: 49.284 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

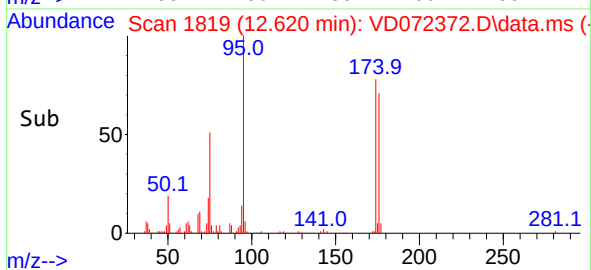
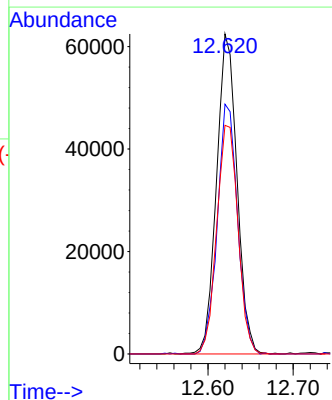
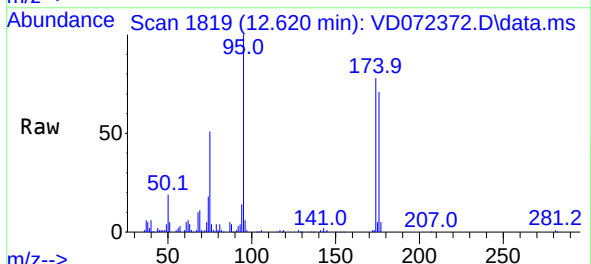
Instrument :
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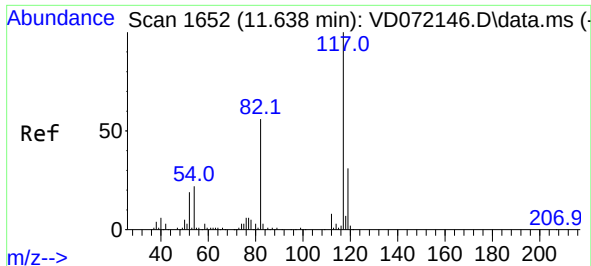
Tgt Ion: 98 Resp: 225142
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.625 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Tgt Ion: 95 Resp: 104061
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.2 0.0 145.4

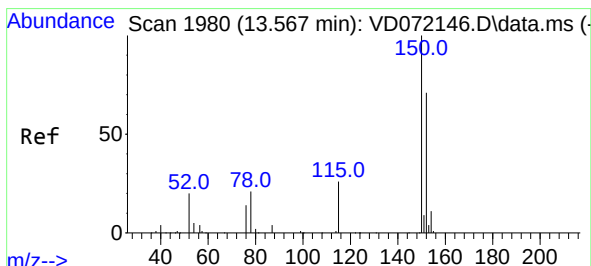
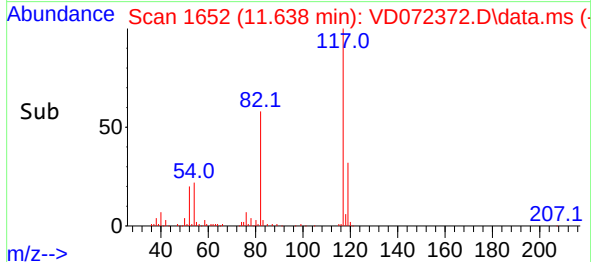
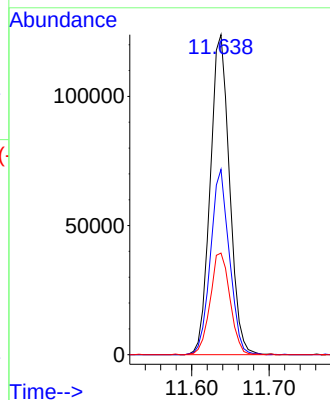
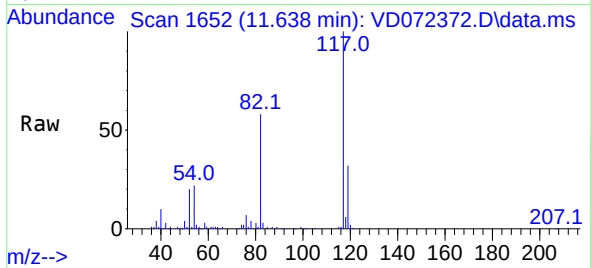




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

Tgt Ion:117 Resp: 214041
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Tgt Ion:152 Resp: 109335
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 155.9 0.0 348.6

