

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072371.D
 Acq On : 22 Mar 2022 19:23
 Operator : VA/SY
 Sample : N2071-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PILE

Quant Time: Mar 23 01:15:14 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	394253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	668166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	748896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	356701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188227	42.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.680%
35) Dibromofluoromethane	7.914	113	200832	42.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.420%
50) Toluene-d8	10.332	98	860466	50.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.620	95	379946	56.876	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.760%

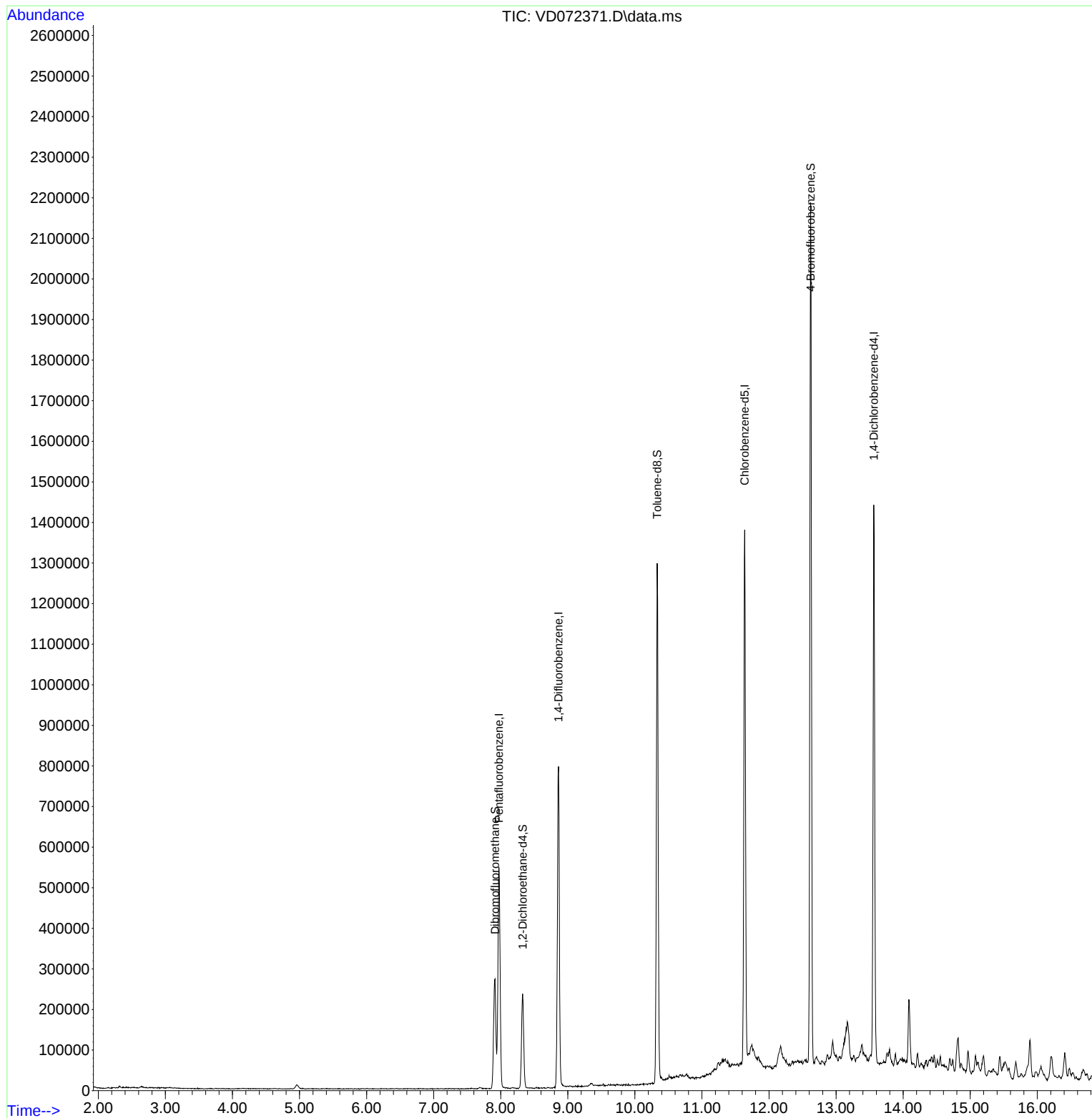
Target Compounds	Qvalue

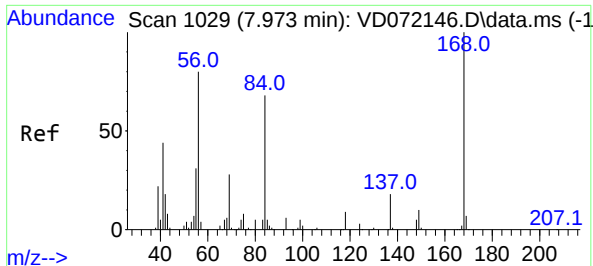
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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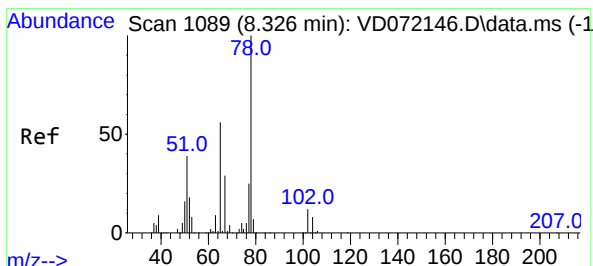
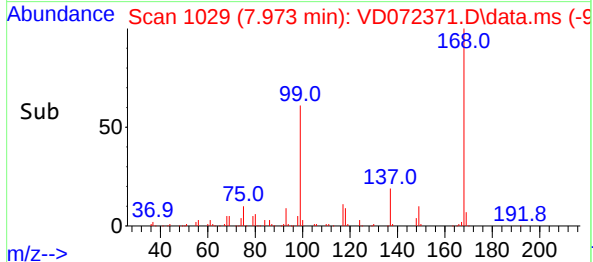
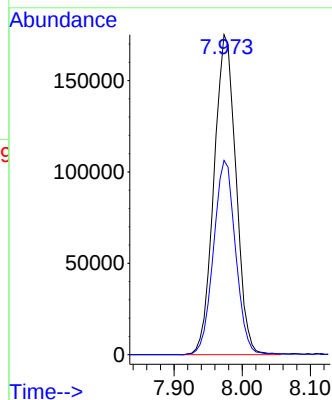
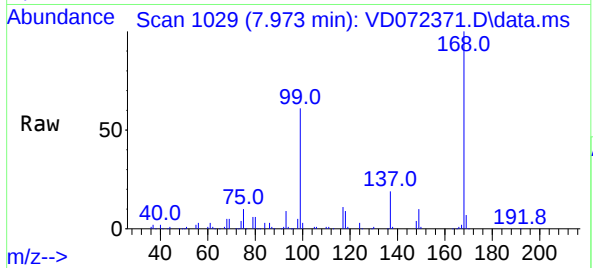




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072371.D
Acq: 22 Mar 2022 19:23

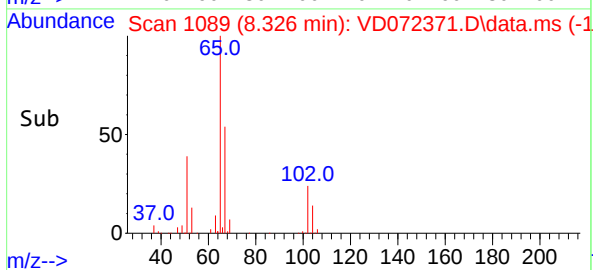
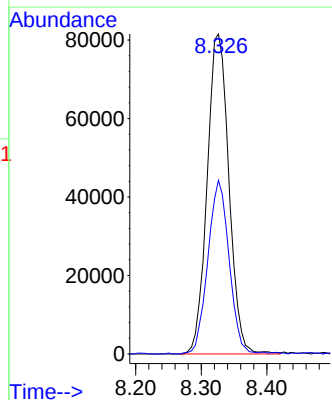
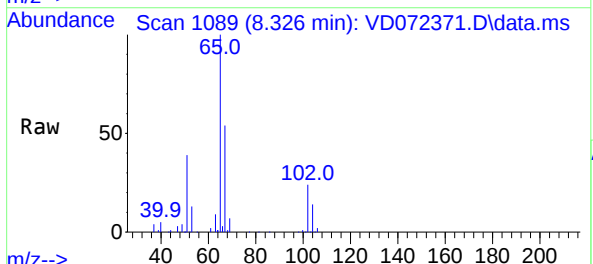
Instrument :
MSVOA_D
ClientSampleId :
PILE

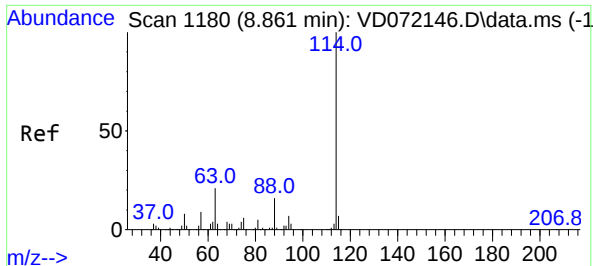
Tgt Ion:168 Resp: 394253
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 42.840 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072371.D
Acq: 22 Mar 2022 19:23

Tgt Ion: 65 Resp: 188227
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072371.D

Acq: 22 Mar 2022 19:23

Instrument :

MSVOA_D

ClientSampleId :

PILE

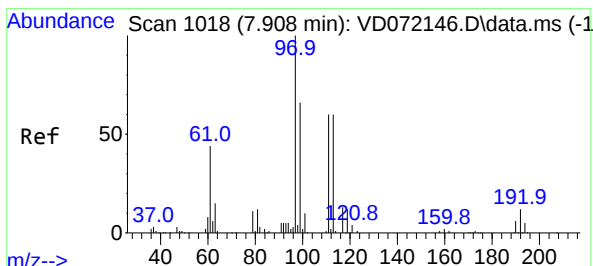
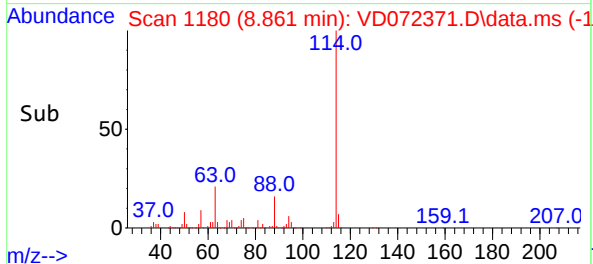
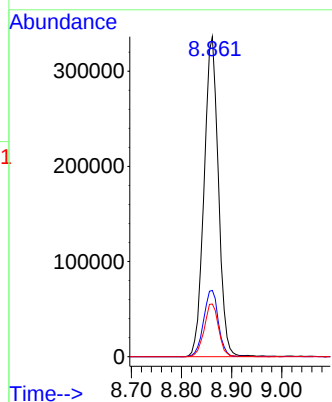
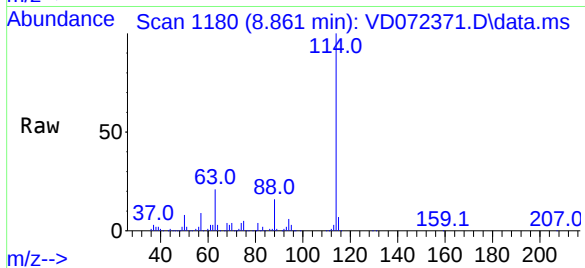
Tgt Ion:114 Resp: 668166

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.713 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072371.D

Acq: 22 Mar 2022 19:23

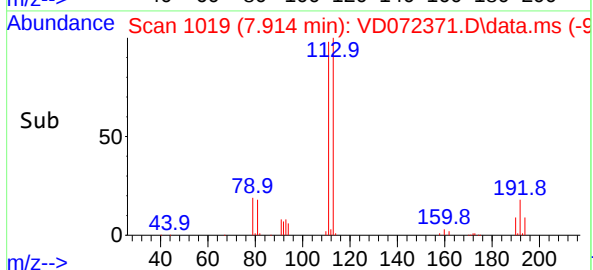
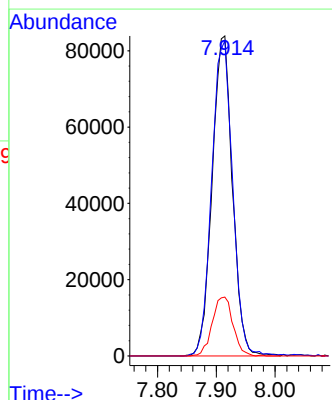
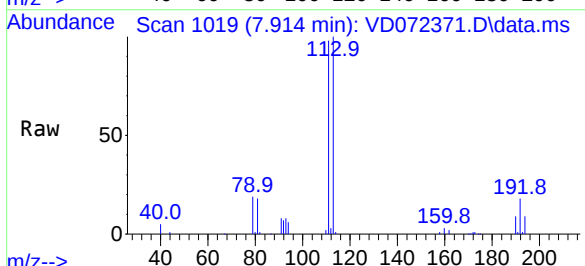
Tgt Ion:113 Resp: 200832

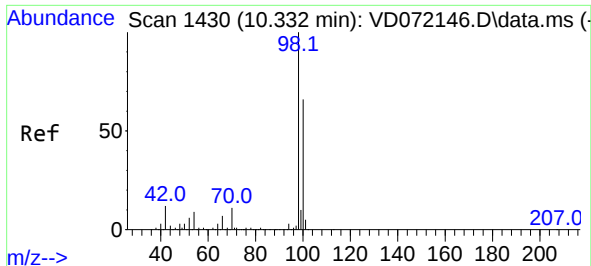
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 18.8 14.6 21.8

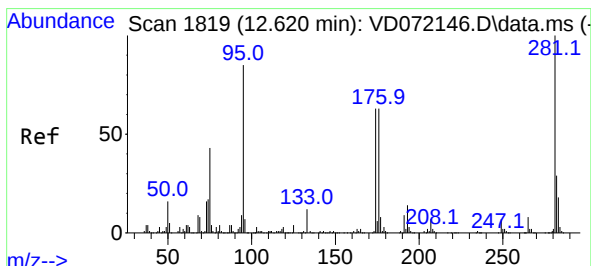
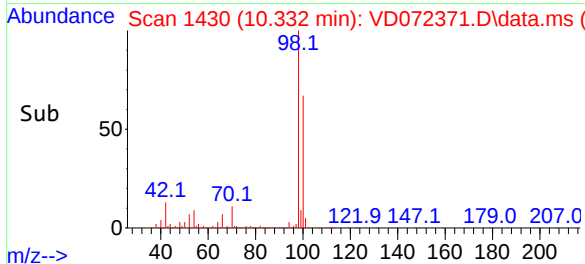
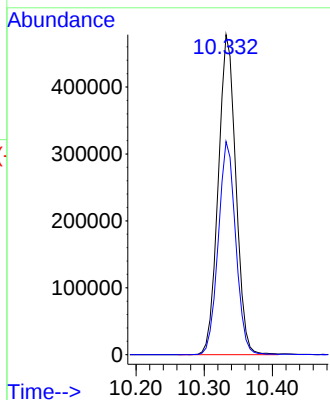
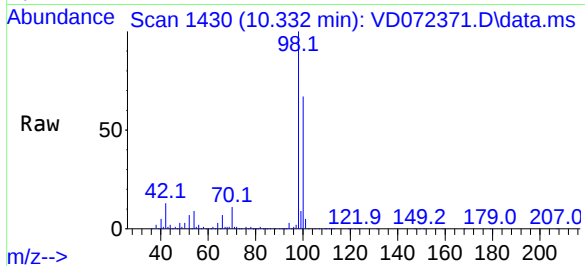




#50
Toluene-d8
Concen: 50.048 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072371.D
Acq: 22 Mar 2022 19:23

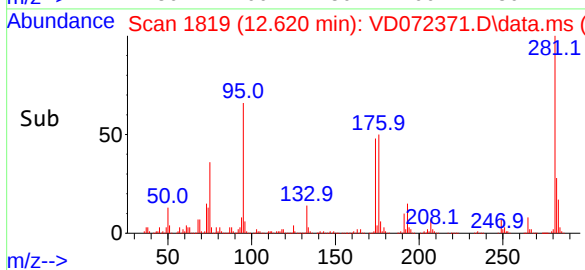
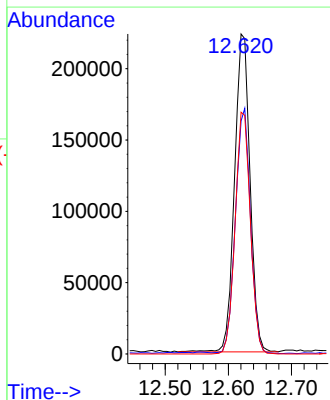
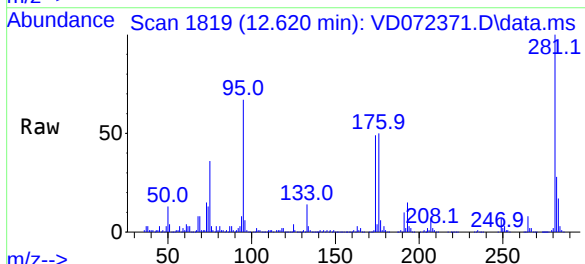
Instrument :
MSVOA_D
ClientSampleId :
PILE

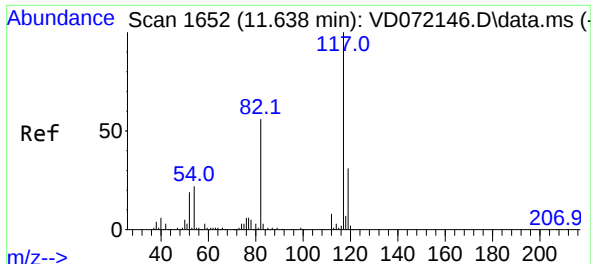
Tgt Ion: 98 Resp: 860466
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.876 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072371.D
Acq: 22 Mar 2022 19:23

Tgt Ion: 95 Resp: 379946
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 74.9 0.0 145.4

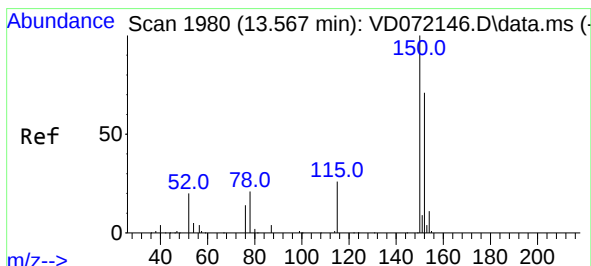
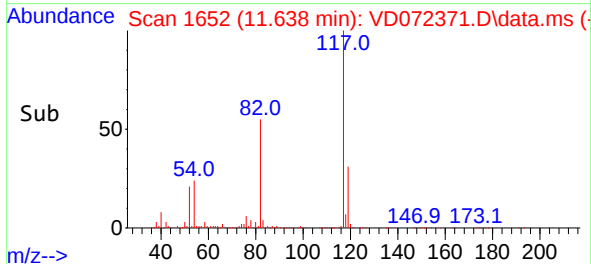
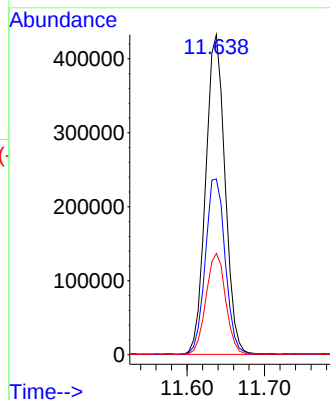
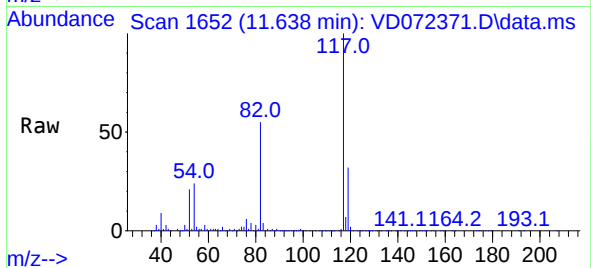




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072371.D
Acq: 22 Mar 2022 19:23

Instrument :
MSVOA_D
ClientSampleId :
PILE

Tgt Ion:117 Resp: 748896
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 31.6 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: VD072371.D
Acq: 22 Mar 2022 19:23

Tgt Ion:152 Resp: 356701
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.2 0.0 348.6

