

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072592.D
 Acq On : 18 Apr 2022 12:11
 Operator : VA/SY
 Sample : VD0418SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBL01

Quant Time: Apr 19 02:49:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	469036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	866390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	800369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	354782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	253191	44.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.240%
35) Dibromofluoromethane	7.914	113	285097	42.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.680%
50) Toluene-d8	10.332	98	1009291	43.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.240%
62) 4-Bromofluorobenzene	12.620	95	346293	37.886	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.780%

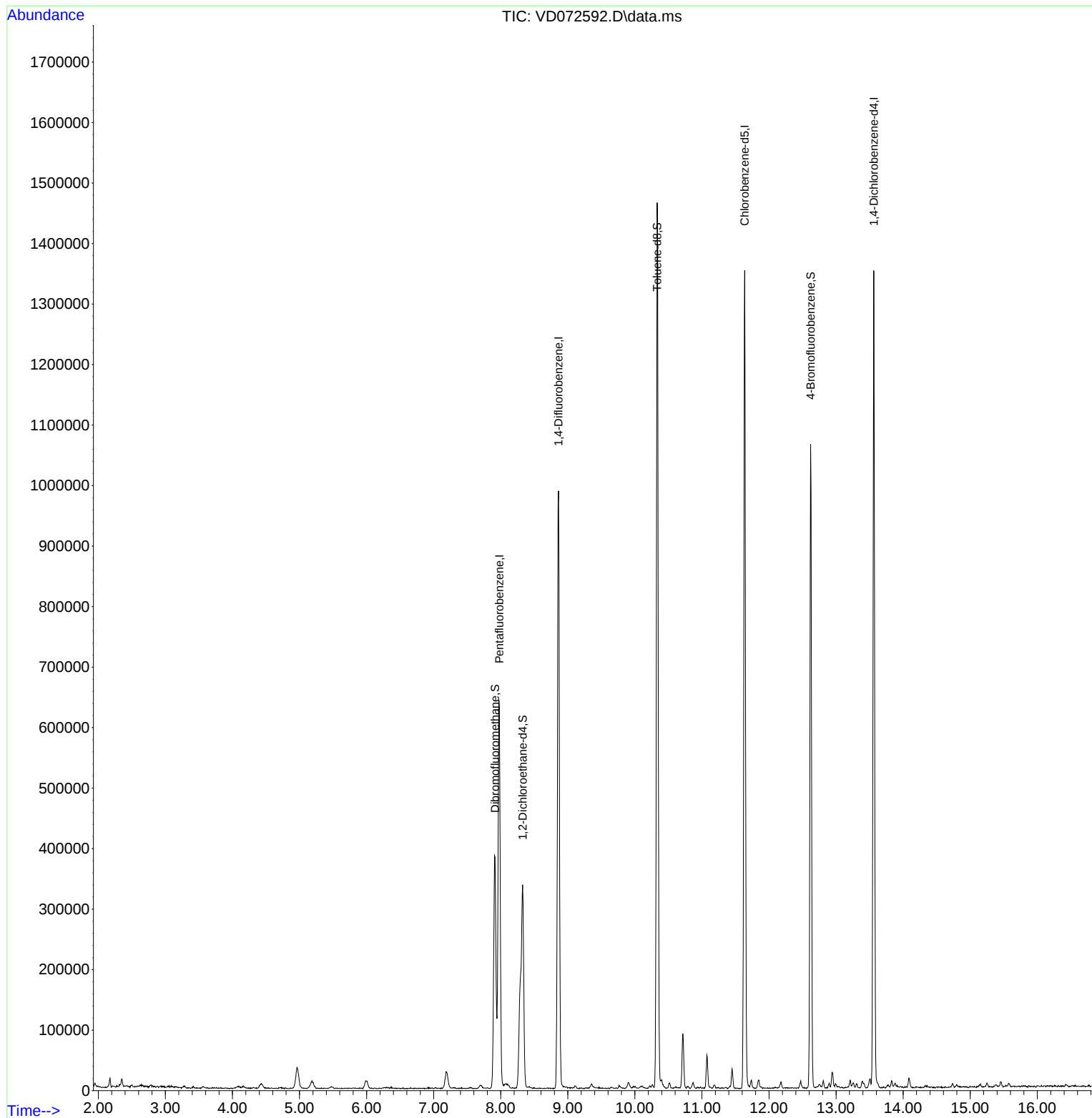
Target Compounds	Qvalue

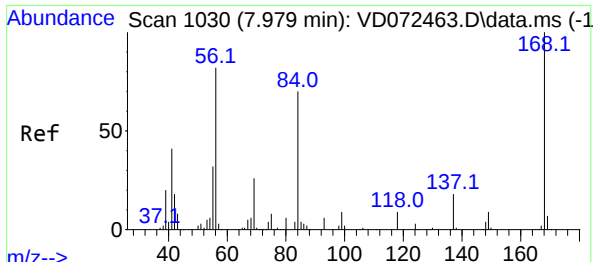
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072592.D

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Instrument :

MSVOA_D

ClientSampleId :

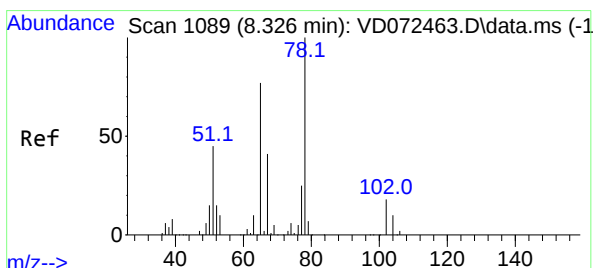
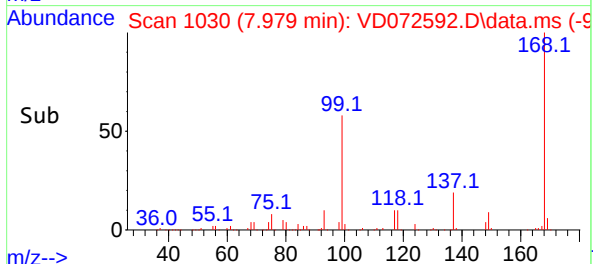
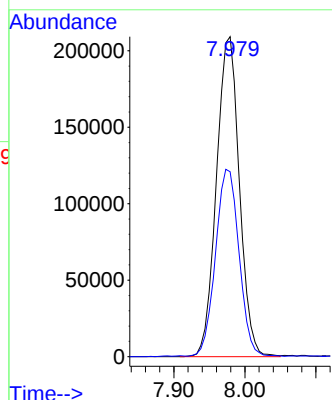
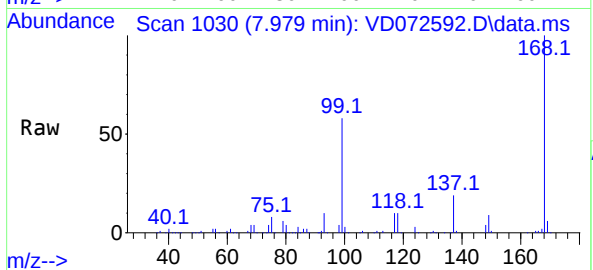
VD0418SBL01

Tgt Ion:168 Resp: 469036

Ion Ratio Lower Upper

168 100

99 57.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 44.624 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072592.D

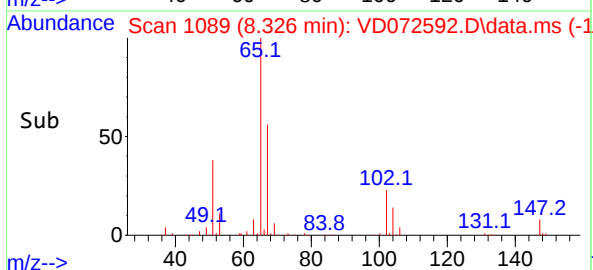
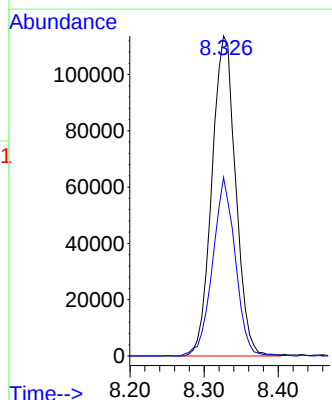
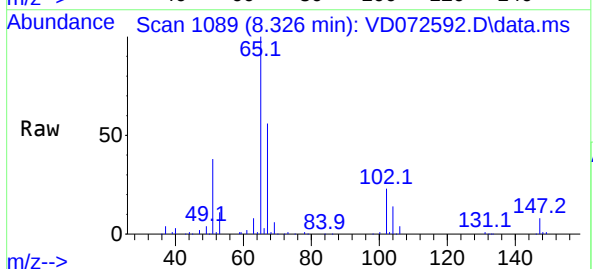
Acq: 18 Apr 2022 12:11

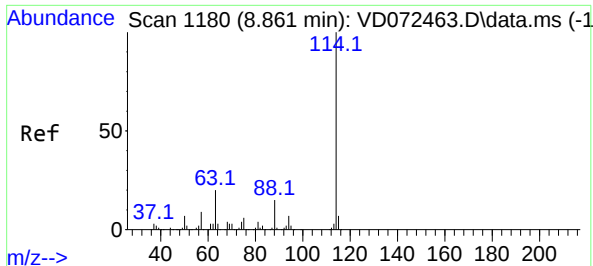
Tgt Ion: 65 Resp: 253191

Ion Ratio Lower Upper

65 100

67 53.2 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: VD072592.D

Acq: 18 Apr 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD0418SBL01

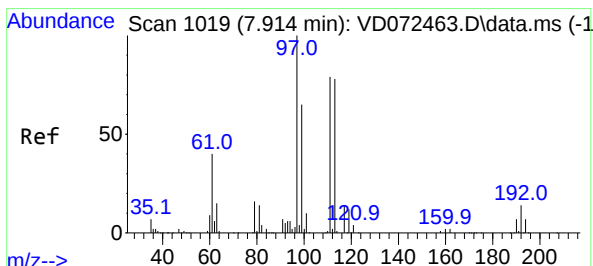
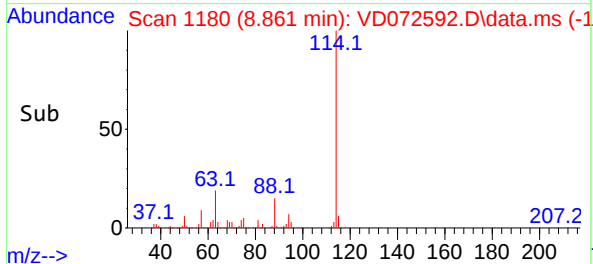
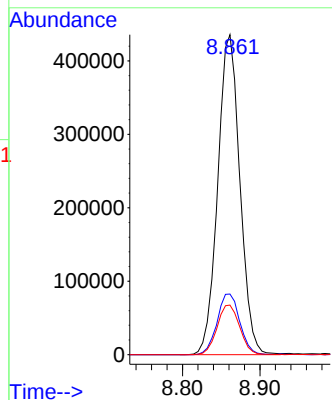
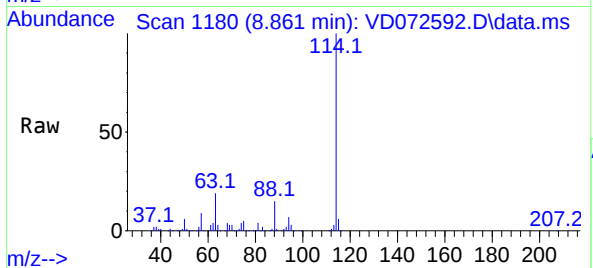
Tgt Ion:114 Resp: 866390

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.343 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072592.D

Acq: 18 Apr 2022 12:11

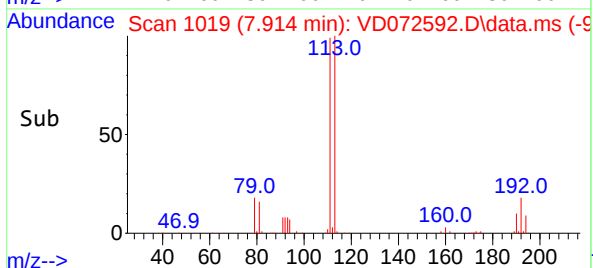
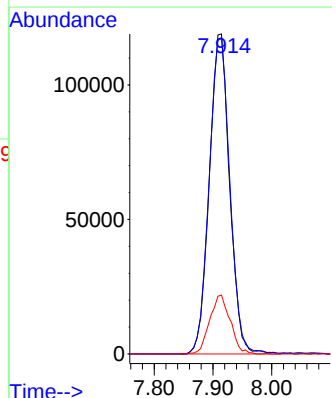
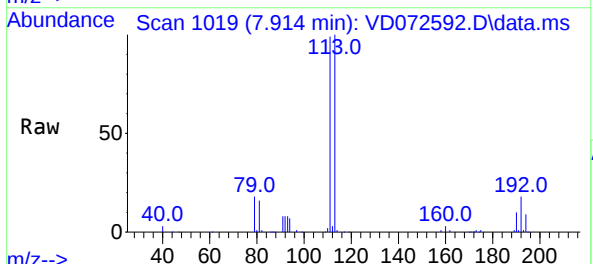
Tgt Ion:113 Resp: 285097

Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.6 14.6 21.8

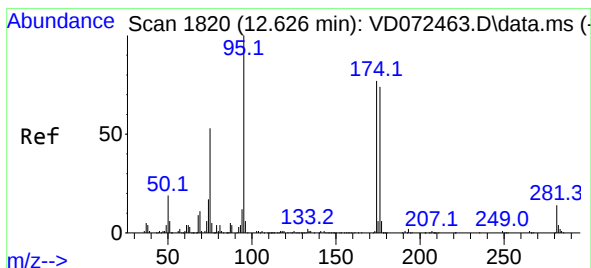
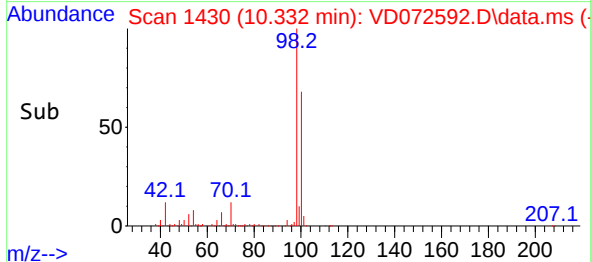
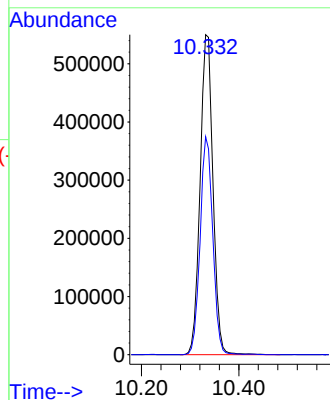
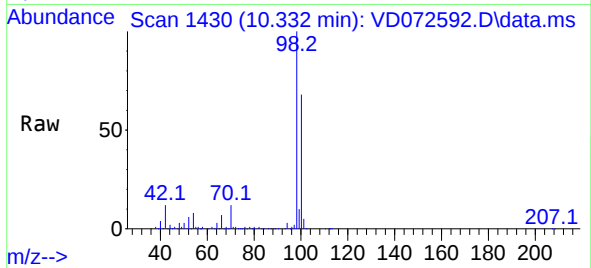




#50
Toluene-d8
Concen: 43.124 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072592.D
Acq: 18 Apr 2022 12:11

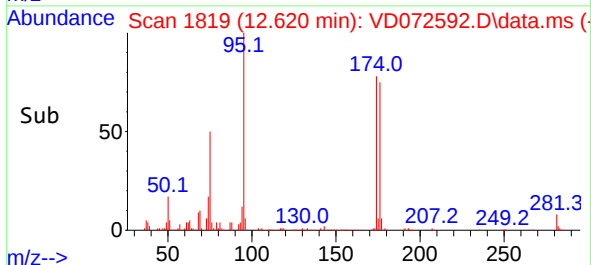
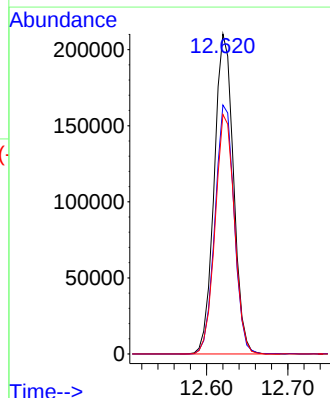
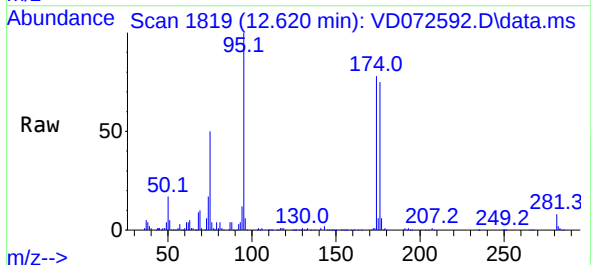
Instrument :
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VD0418SBL01

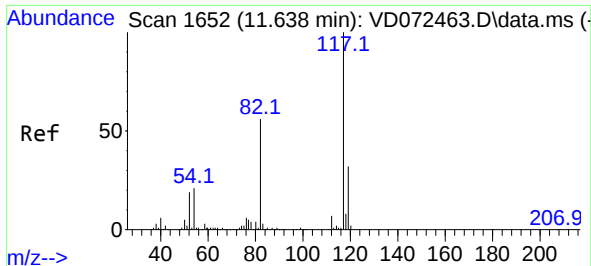
Tgt Ion: 98 Resp: 1009291
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 37.886 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072592.D
Acq: 18 Apr 2022 12:11

Tgt Ion: 95 Resp: 346293
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 74.9 0.0 145.4

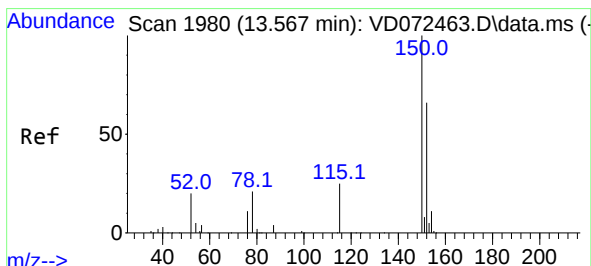
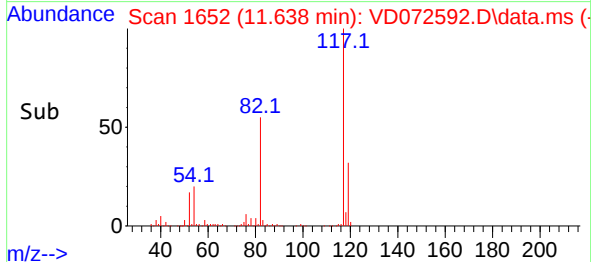
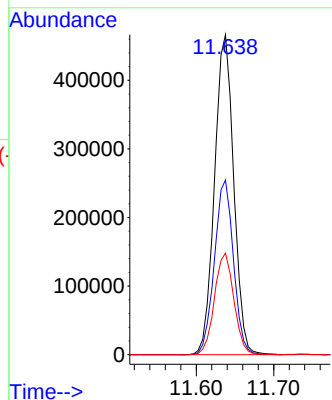
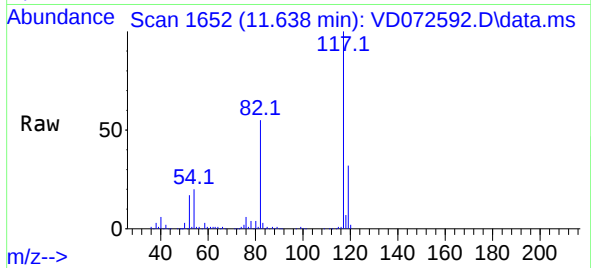




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072592.D
Acq: 18 Apr 2022 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tgt Ion:117 Resp: 800369
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 31.7 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: VD072592.D
Acq: 18 Apr 2022 12:11

Tgt Ion:152 Resp: 354782
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 158.9 0.0 348.6

