

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072905.D
 Acq On : 10 May 2022 10:51
 Operator : VA/SY
 Sample : VD0510SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBL01

Quant Time: May 11 05:47:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	404346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	748874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	731322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	233384	44.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.920%
35) Dibromofluoromethane	7.909	113	242789	46.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.320%
50) Toluene-d8	10.332	98	916026	48.554	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.620	95	327499	46.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.120%

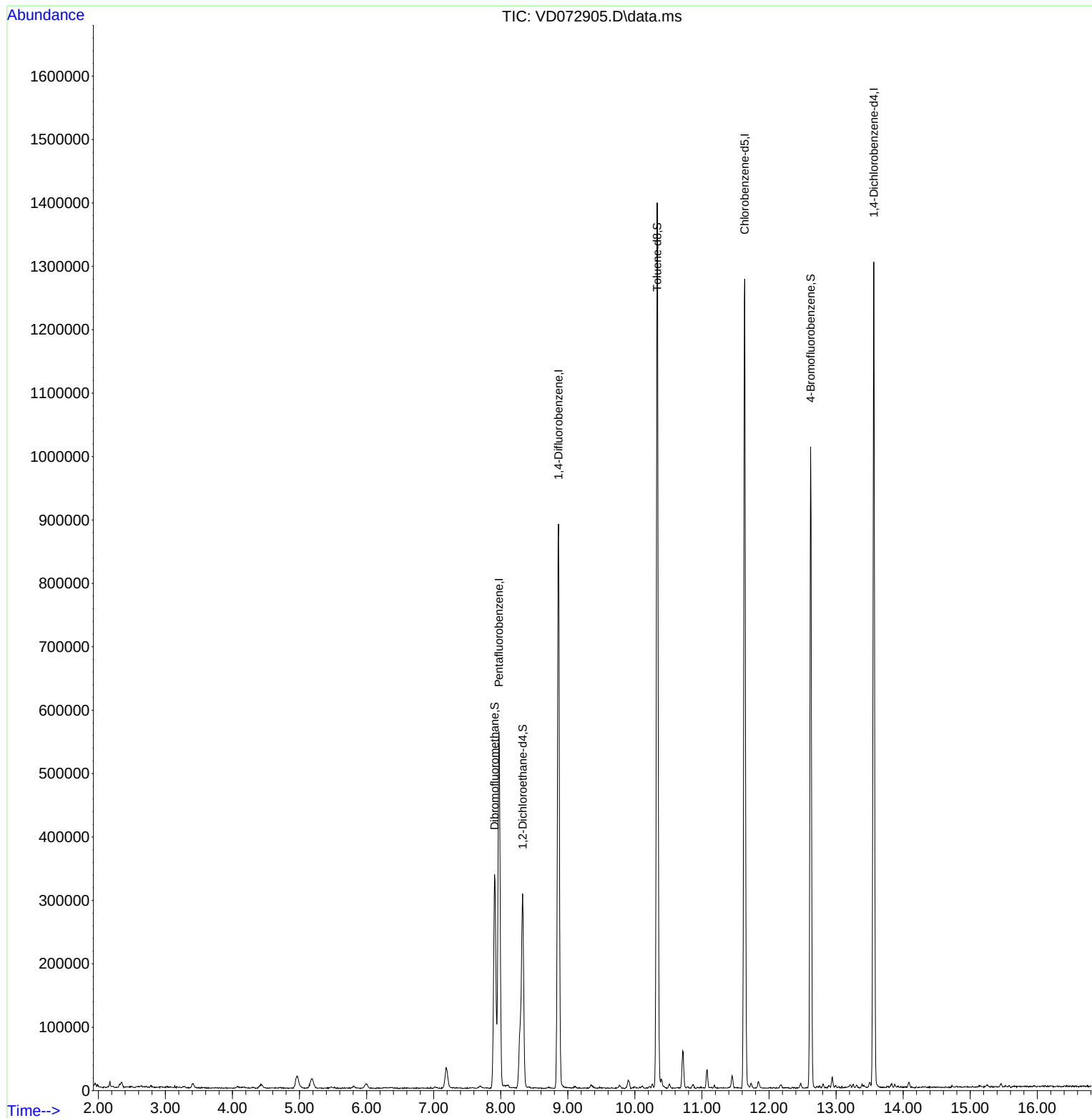
Target Compounds	Qvalue

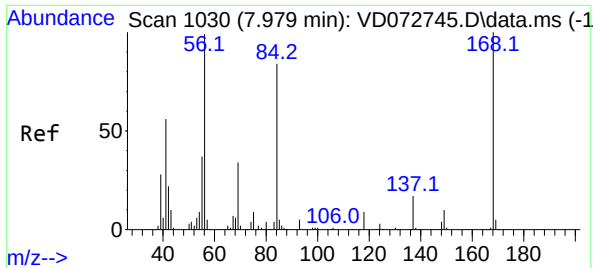
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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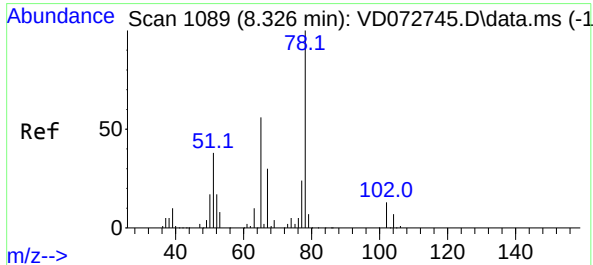
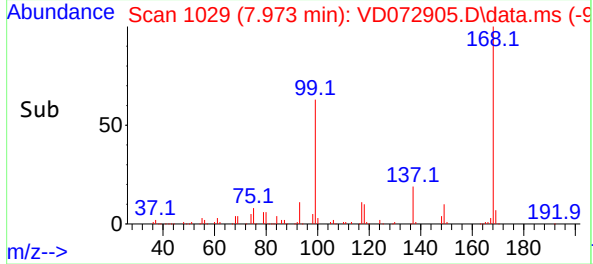
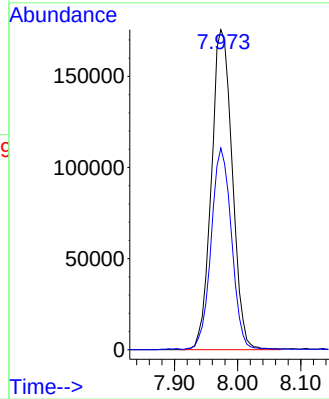
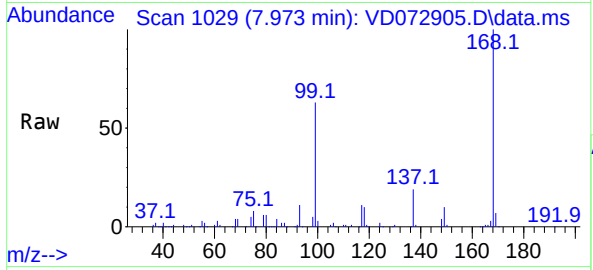




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

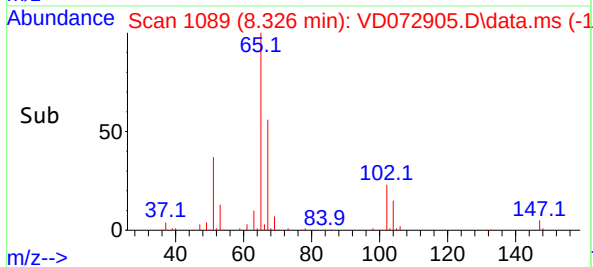
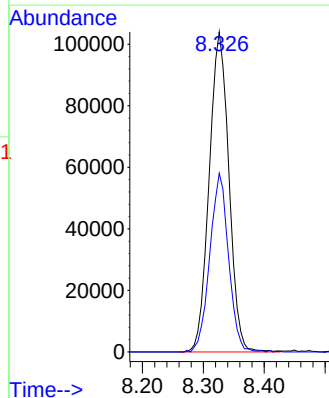
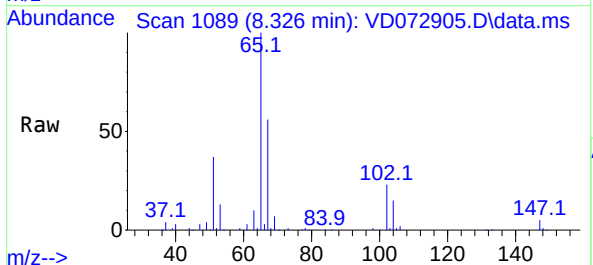
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

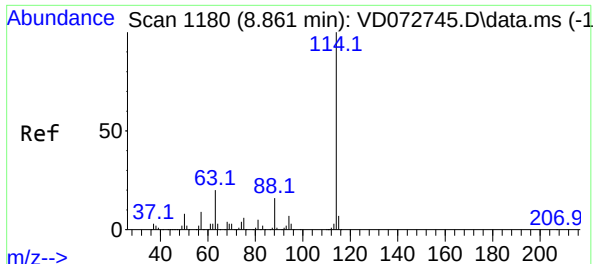
Tgt Ion:168 Resp: 404346
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.465 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Tgt Ion: 65 Resp: 233384
Ion Ratio Lower Upper
65 100
67 53.1 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: VD072905.D

Acq: 10 May 2022 10:51

Instrument :

MSVOA_D

ClientSampleId :

VD0510SBL01

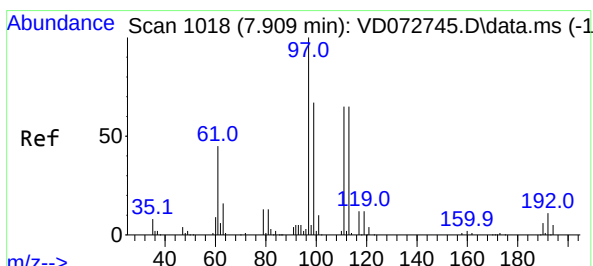
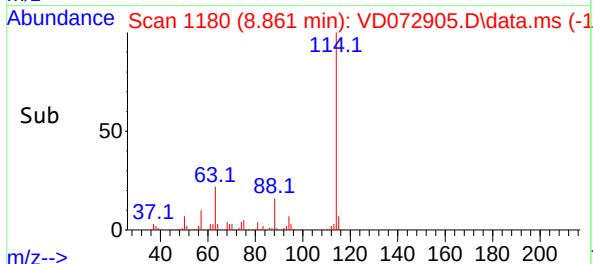
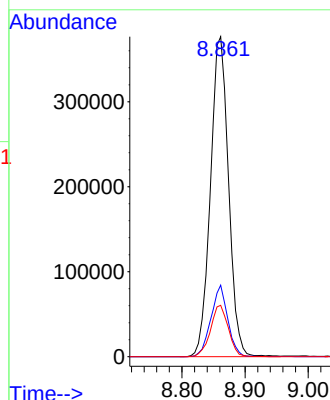
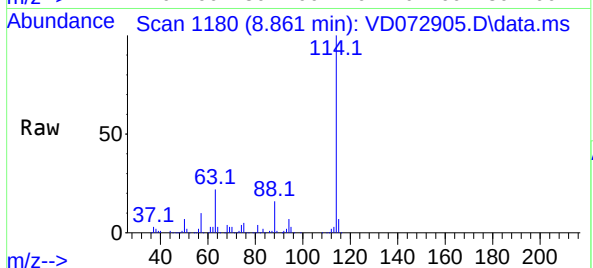
Tgt Ion:114 Resp: 748874

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.163 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072905.D

Acq: 10 May 2022 10:51

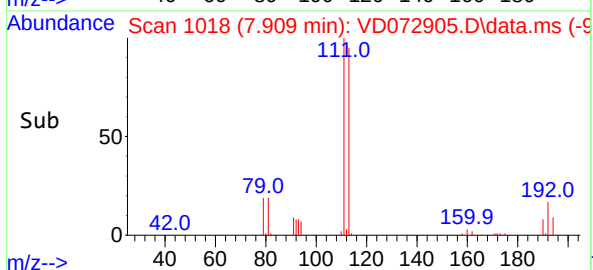
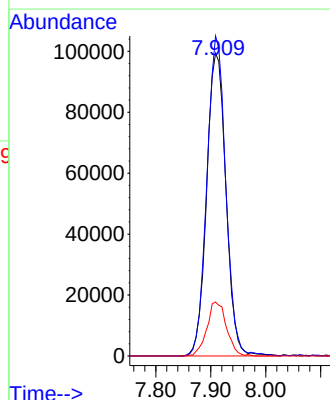
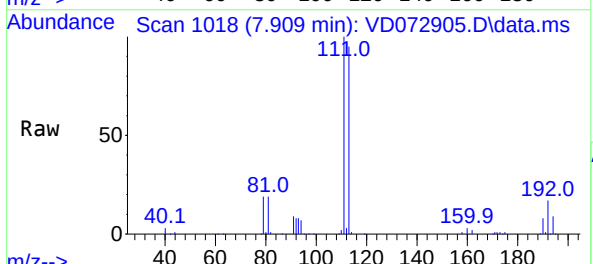
Tgt Ion:113 Resp: 242789

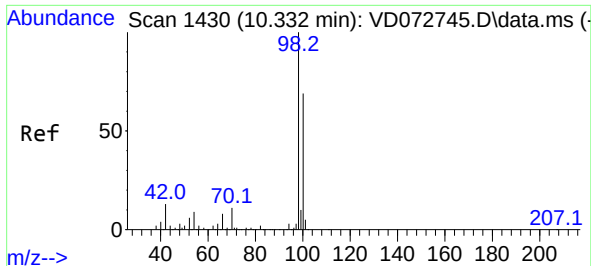
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.1 14.6 21.8

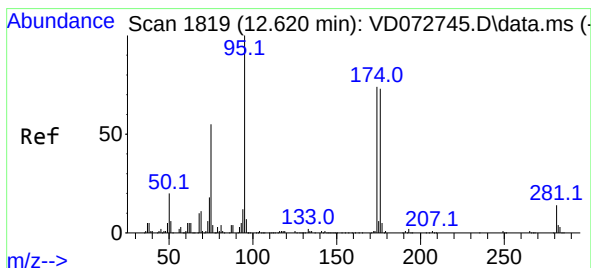
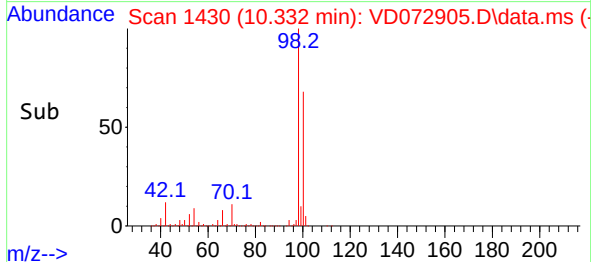
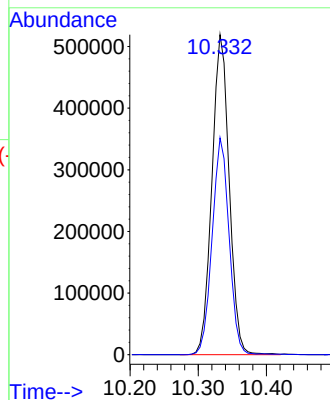
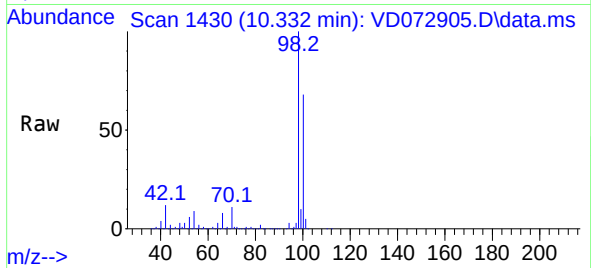




#50
Toluene-d8
Concen: 48.554 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

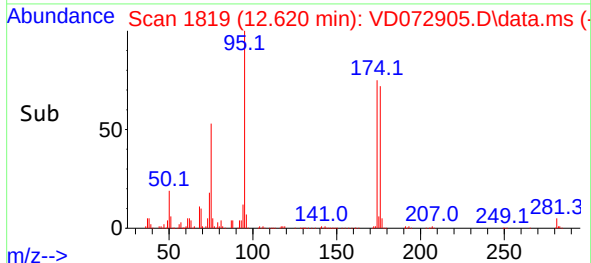
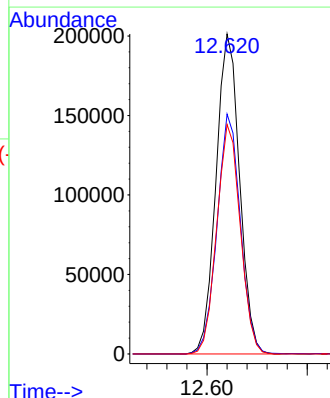
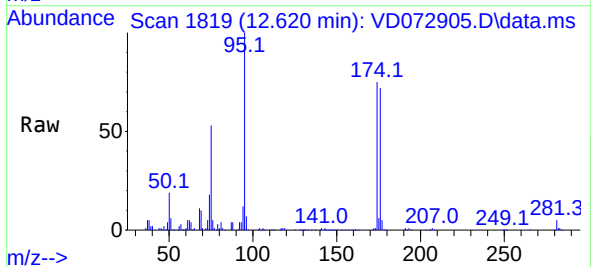
Instrument :
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VD0510SBL01

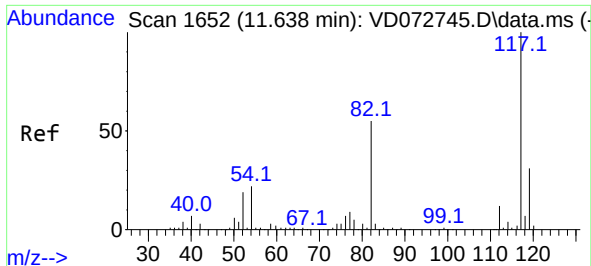
Tgt Ion: 98 Resp: 916026
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.555 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Tgt Ion: 95 Resp: 327499
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 71.5 0.0 145.4

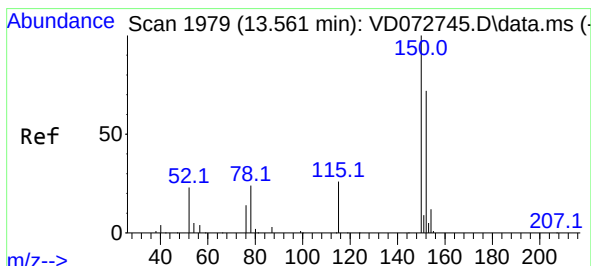
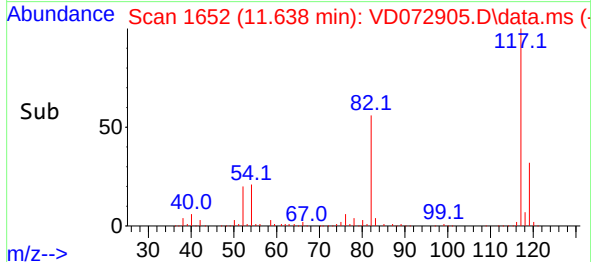
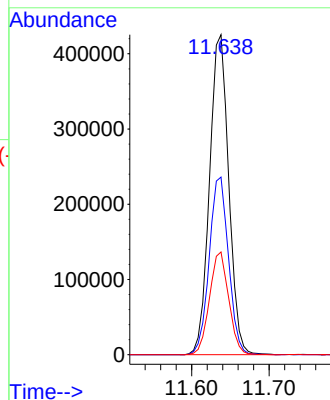
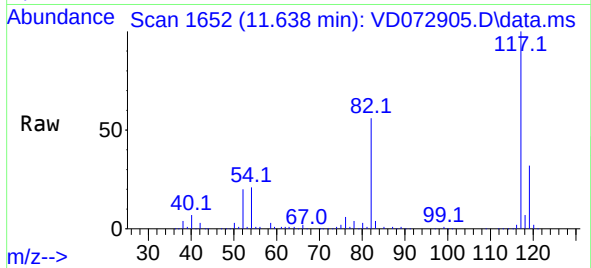




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

Tgt Ion:117 Resp: 731322
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Tgt Ion:152 Resp: 334819
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 155.9 0.0 348.6

