

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050222\
 Data File : VD072749.D
 Acq On : 02 May 2022 16:40
 Operator : VA/SY
 Sample : VD0502SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0502SBL01

Quant Time: May 03 08:35:25 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	7.979	168	388568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	733746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	700649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230673	45.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.460%
35) Dibromofluoromethane	7.914	113	244316	47.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.820%
50) Toluene-d8	10.332	98	904489	48.931	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.620	95	316243	45.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.760%

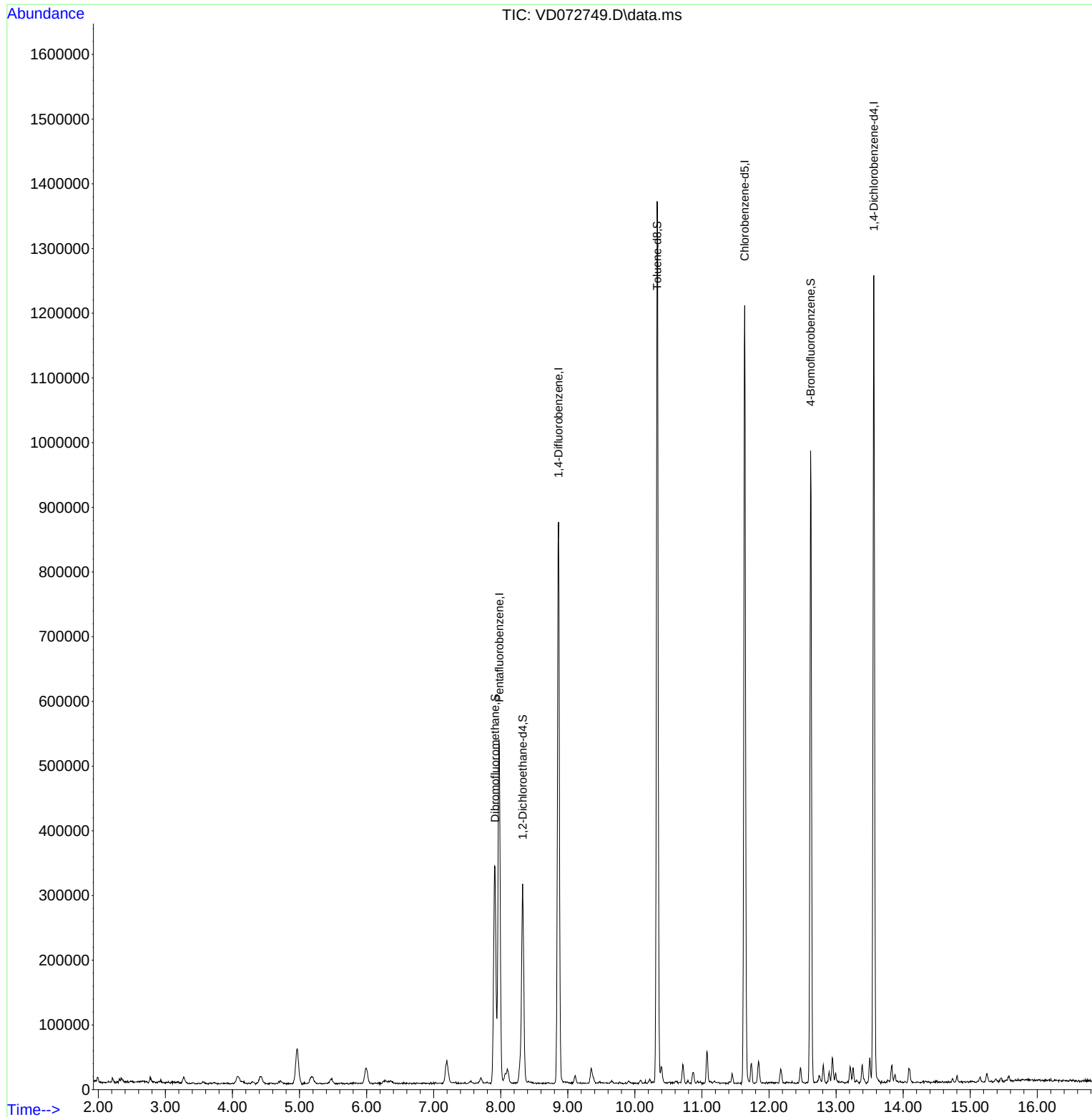
Target Compounds	Qvalue

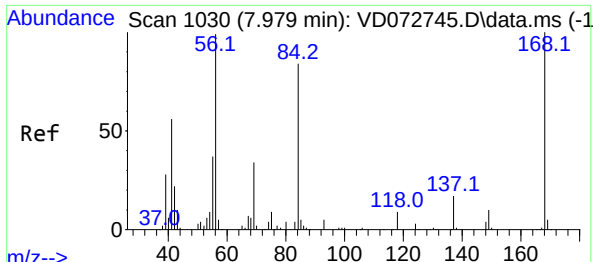
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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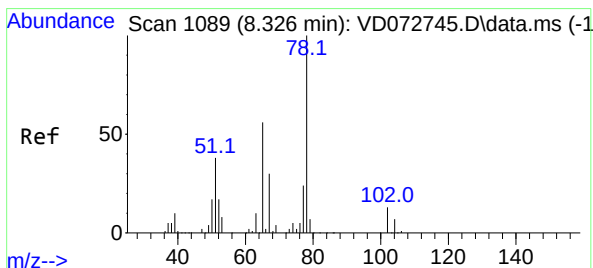
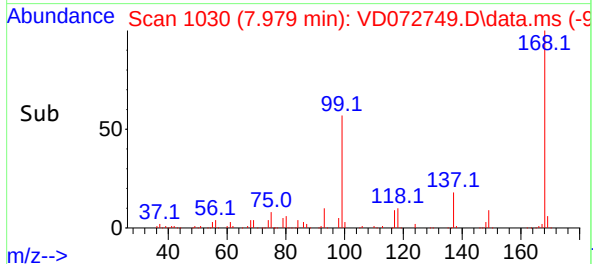
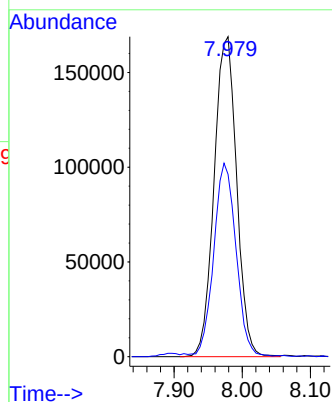
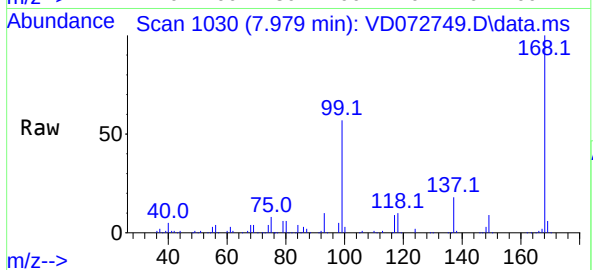




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072749.D
Acq: 02 May 2022 16:40

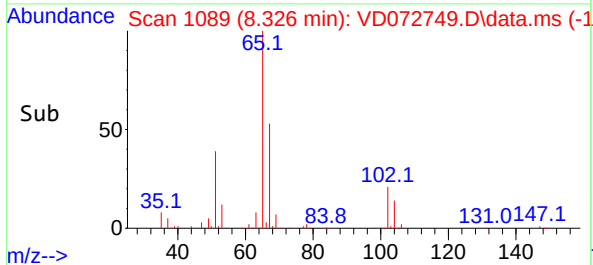
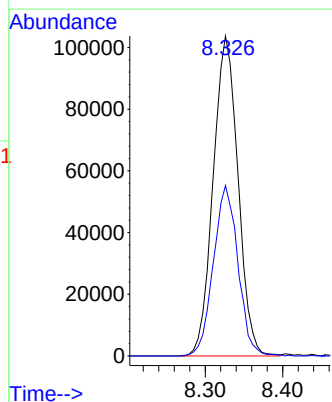
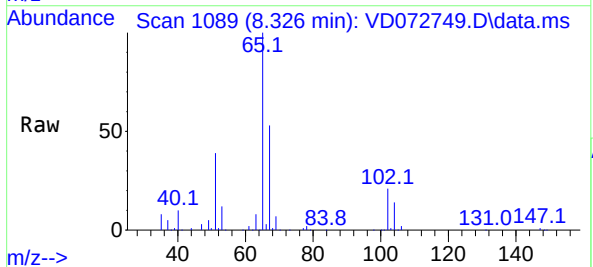
Instrument :
MSVOA_D
ClientSampleId :
VD0502SBL01

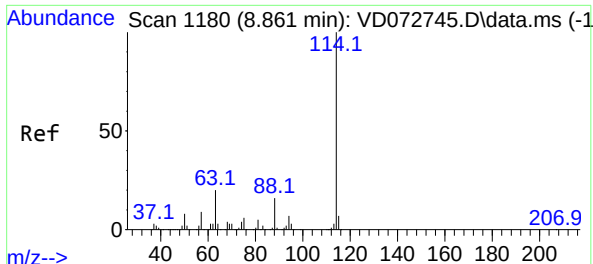
Tgt Ion:168 Resp: 388568
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.733 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072749.D
Acq: 02 May 2022 16:40

Tgt Ion: 65 Resp: 230673
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: VD072749.D

Acq: 02 May 2022 16:40

Instrument :

MSVOA_D

ClientSampleId :

VD0502SBL01

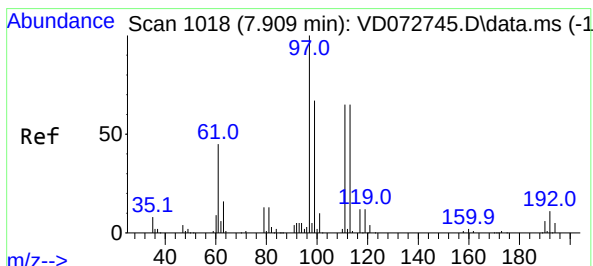
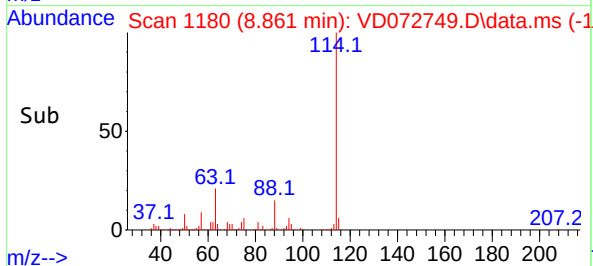
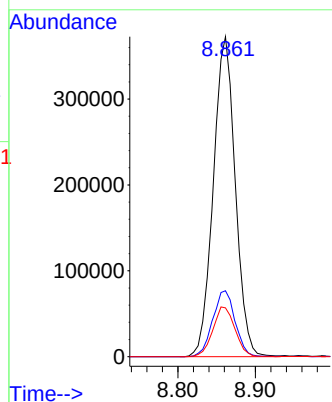
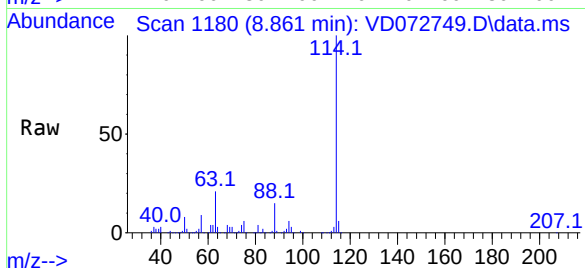
Tgt Ion:114 Resp: 733746

Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.411 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072749.D

Acq: 02 May 2022 16:40

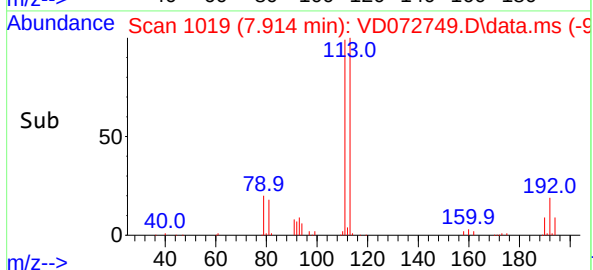
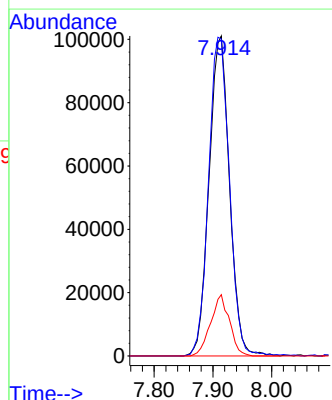
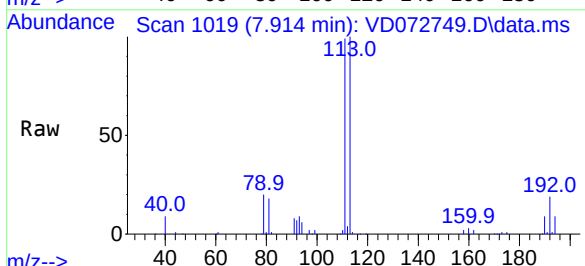
Tgt Ion:113 Resp: 244316

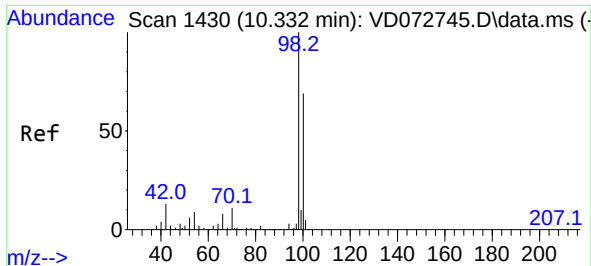
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.7 14.6 21.8

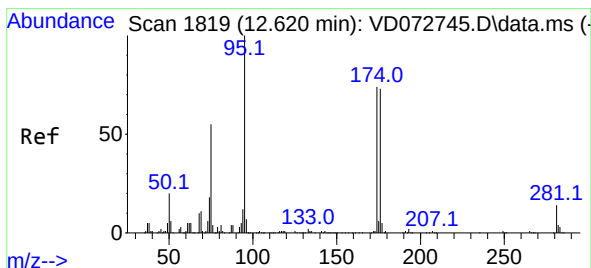
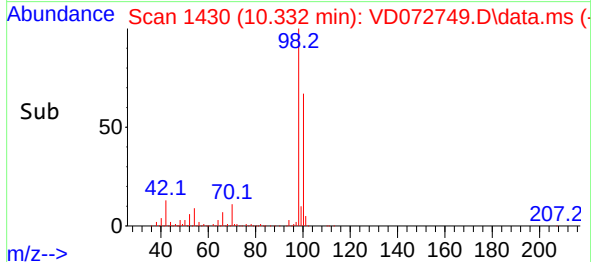
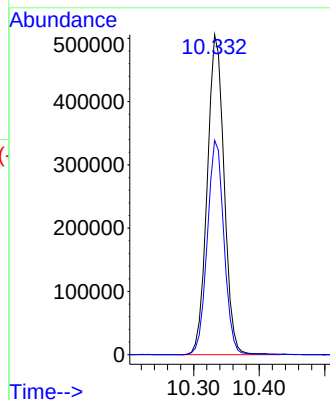
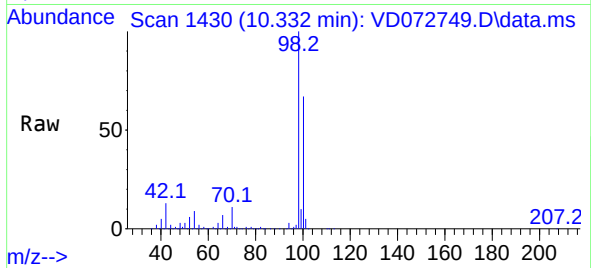




#50
Toluene-d8
Concen: 48.931 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072749.D
Acq: 02 May 2022 16:40

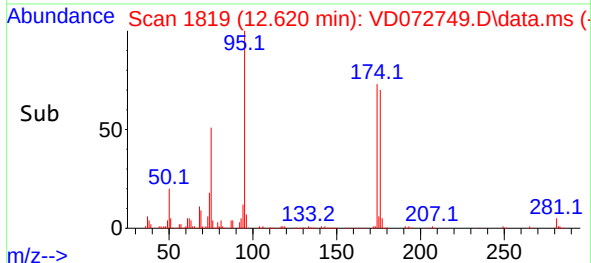
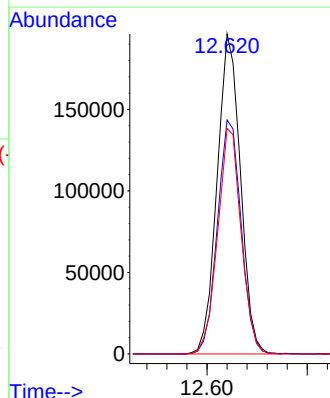
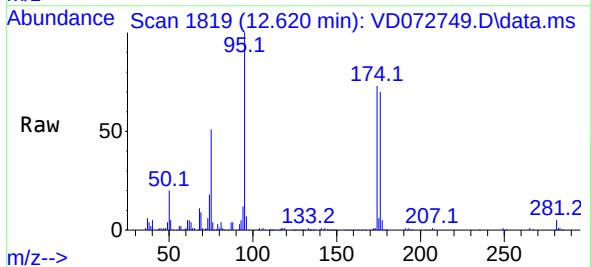
Instrument :
MSVOA_D
ClientSampleId :
VD0502SBL01

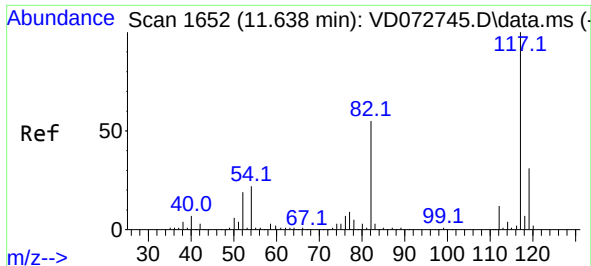
Tgt Ion: 98 Resp: 904489
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.882 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072749.D
Acq: 02 May 2022 16:40

Tgt Ion: 95 Resp: 316243
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 70.9 0.0 145.4

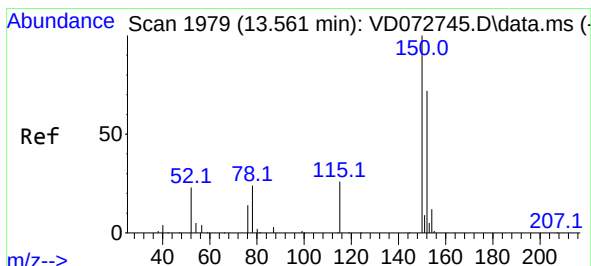
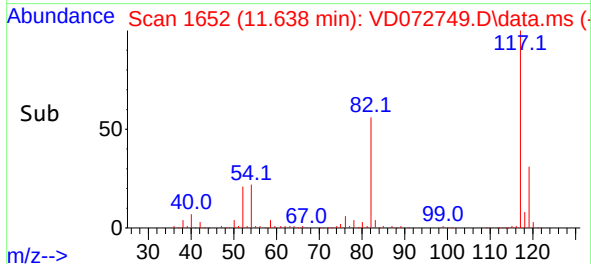
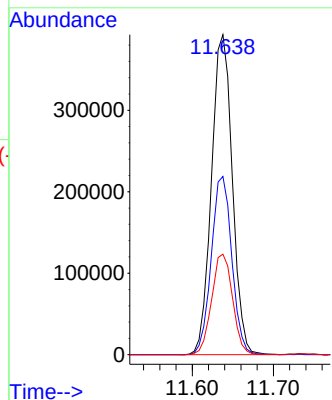
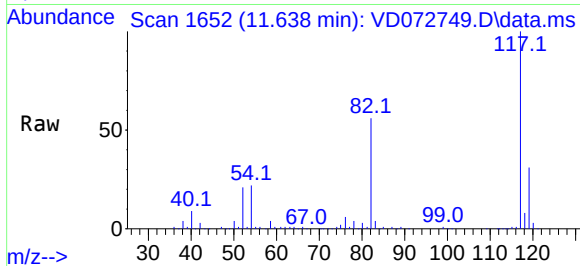




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072749.D
Acq: 02 May 2022 16:40

Instrument :
MSVOA_D
ClientSampleId :
VD0502SBL01

Tgt Ion:117 Resp: 700649
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 31.4 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: VD072749.D
Acq: 02 May 2022 16:40

Tgt Ion:152 Resp: 312384
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 157.1 0.0 348.6

