

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073476.D
 Acq On : 06 Jun 2022 15:52
 Operator : VA/SY
 Sample : VD0606SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0606SBL01

Quant Time: Jun 07 01:12:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	299346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	513934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	567870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	277114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156566	47.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.660%
35) Dibromofluoromethane	7.903	113	172878	50.977	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.960%
50) Toluene-d8	10.332	98	635715	50.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.620	95	260029	59.271	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.540%

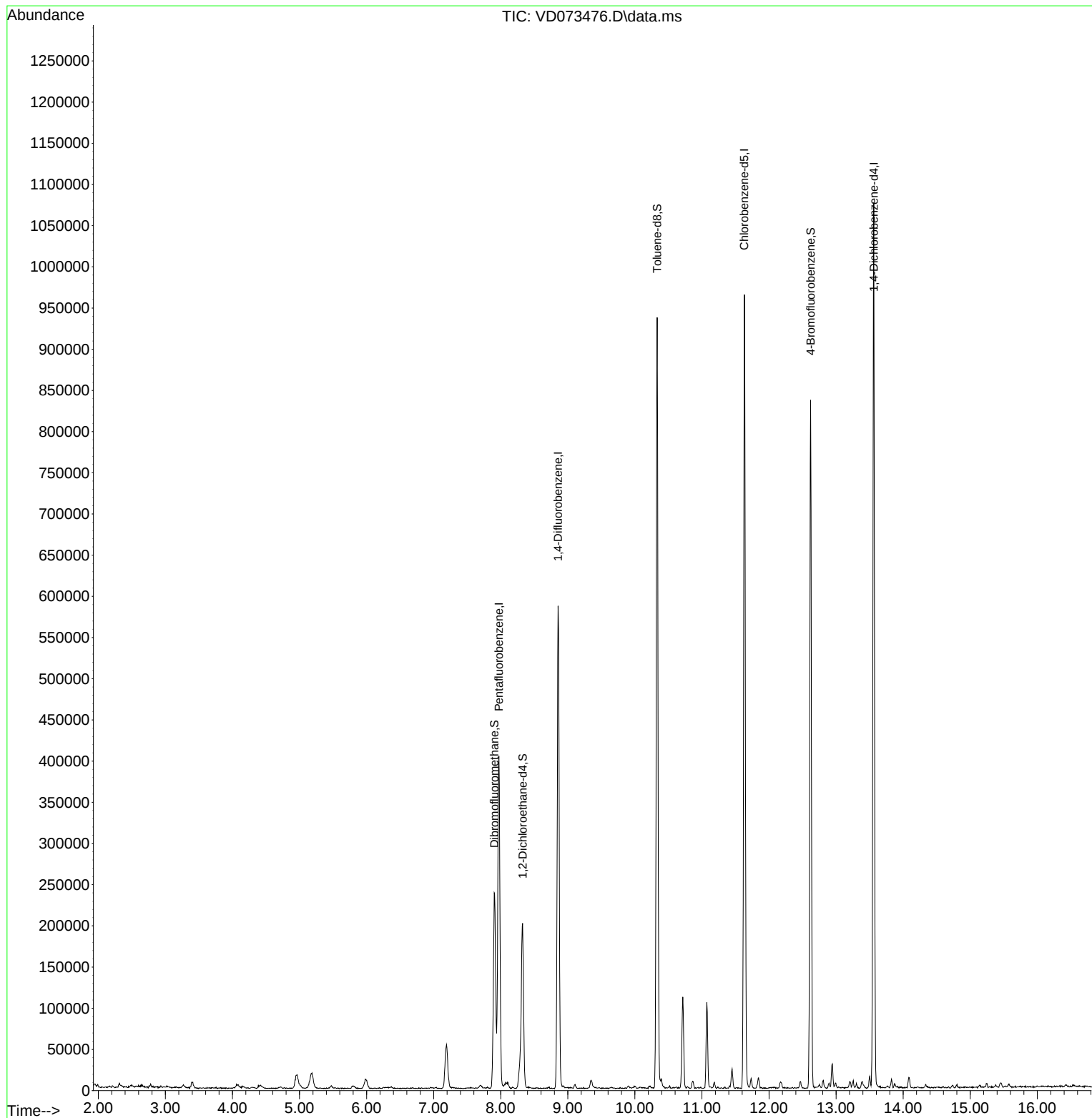
Target Compounds	Qvalue

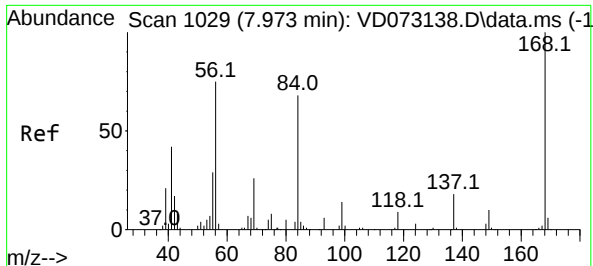
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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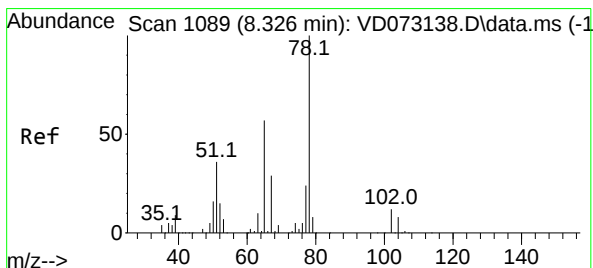
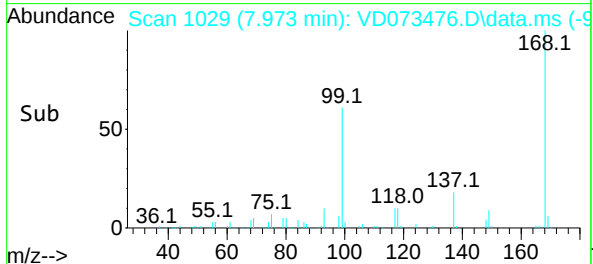
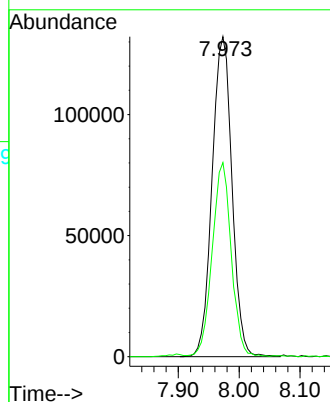
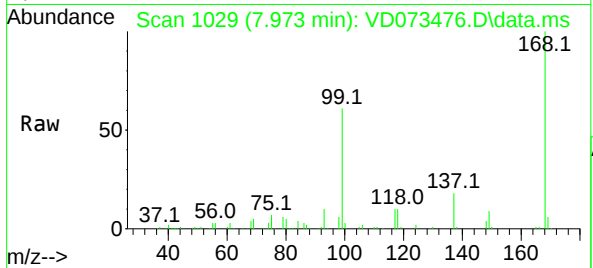




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

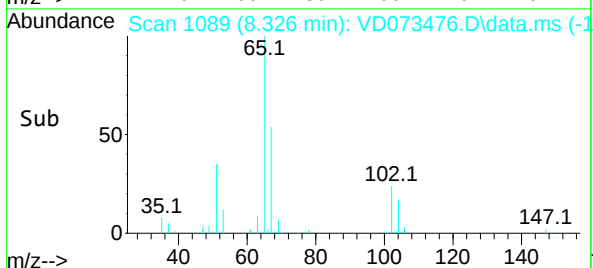
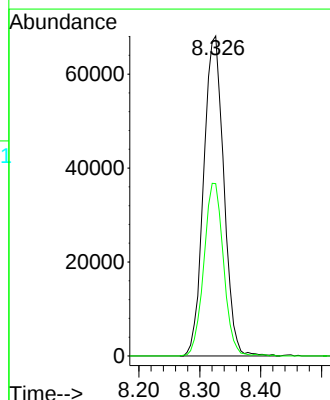
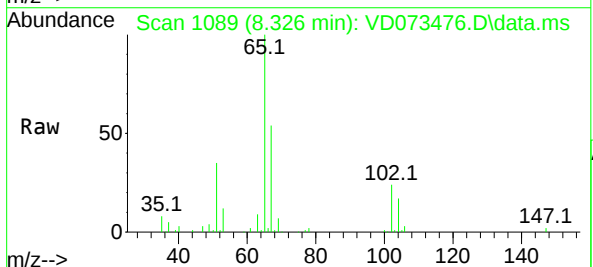
Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

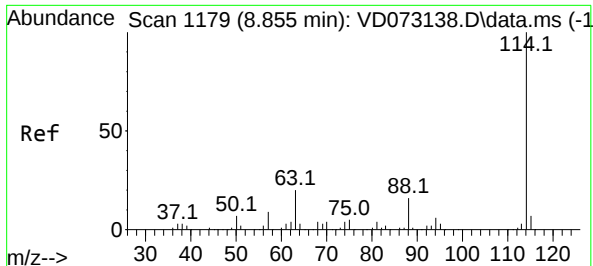
Tgt Ion:168 Resp: 299346
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.327 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion: 65 Resp: 156566
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073476.D

Acq: 06 Jun 2022 15:52

Instrument :

MSVOA_D

ClientSampleId :

VD0606SBL01

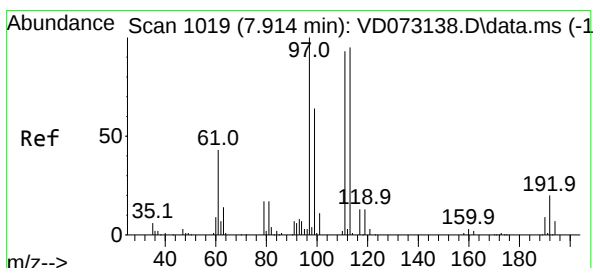
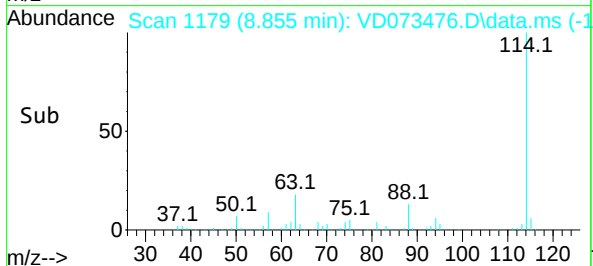
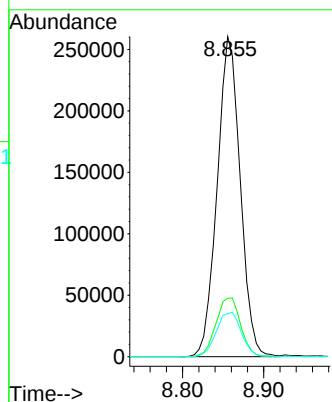
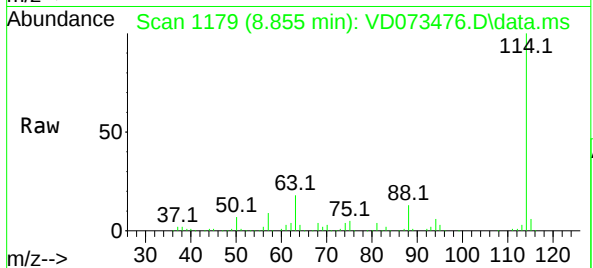
Tgt Ion:114 Resp: 513934

Ion Ratio Lower Upper

114 100

63 18.2 0.0 46.6

88 13.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.977 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073476.D

Acq: 06 Jun 2022 15:52

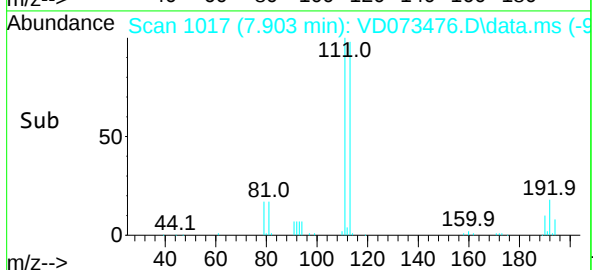
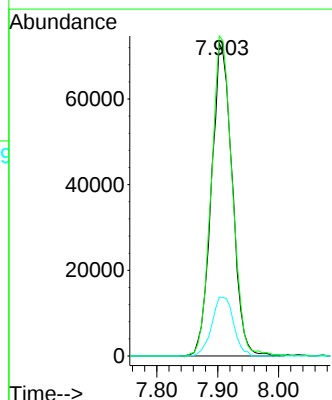
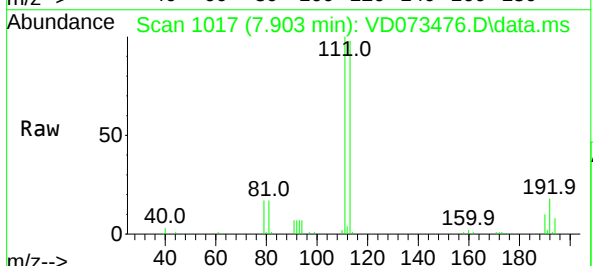
Tgt Ion:113 Resp: 172878

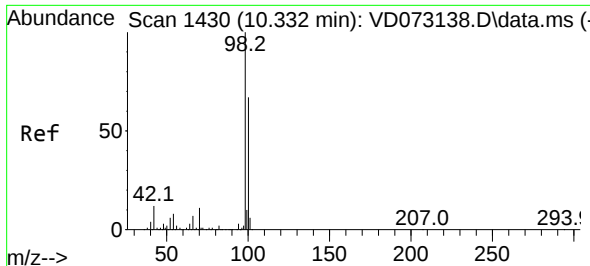
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 19.7 14.6 21.8

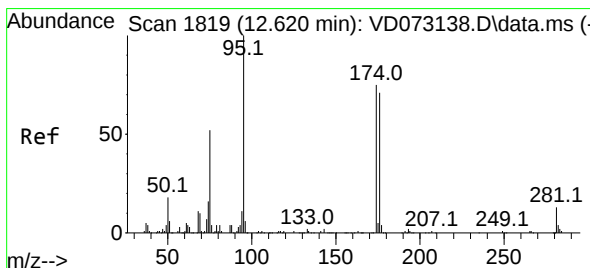
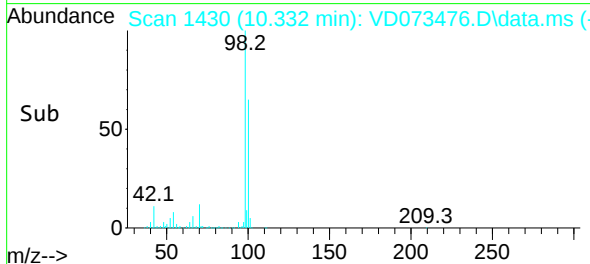
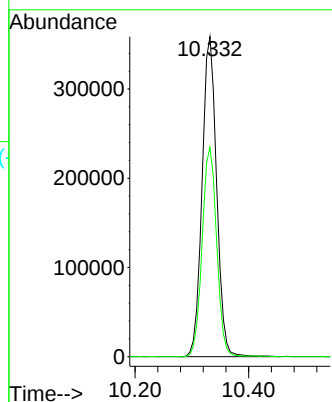
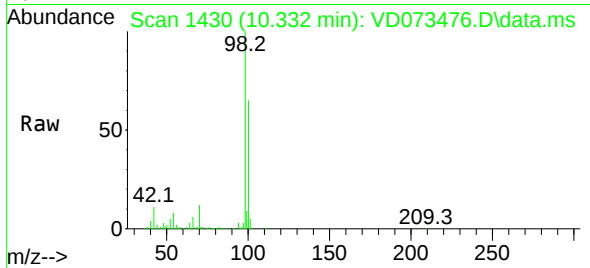




#50
Toluene-d8
Concen: 50.853 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

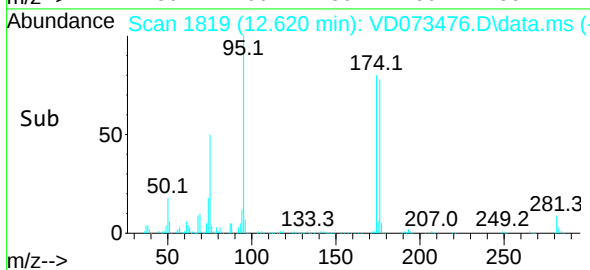
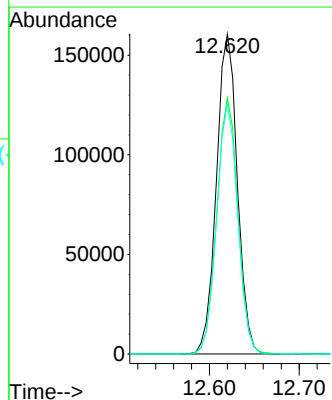
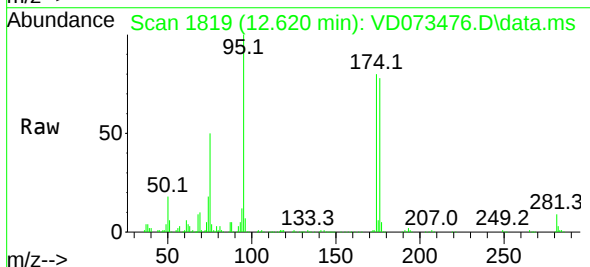
Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

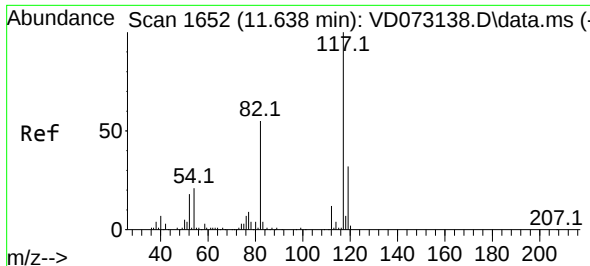
Tgt Ion: 98 Resp: 635715
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.271 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion: 95 Resp: 260029
Ion Ratio Lower Upper
95 100
174 80.8 0.0 152.8
176 78.5 0.0 145.4

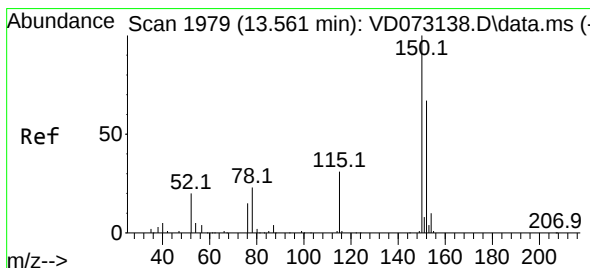
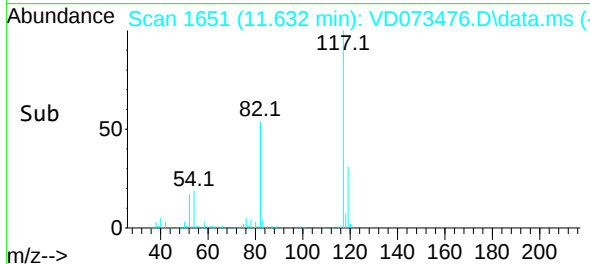
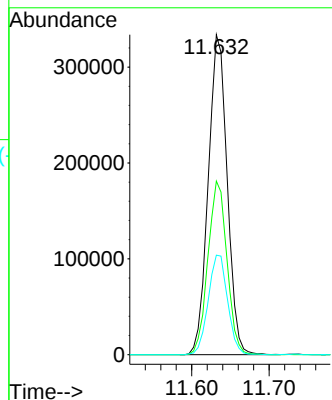
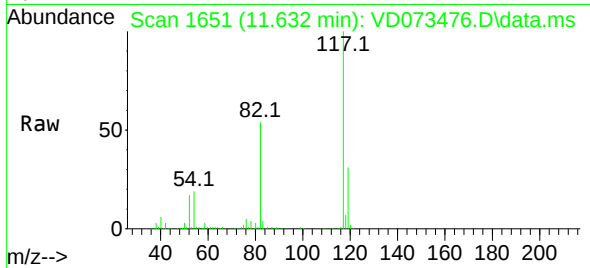




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073476.D
Acq: 06 Jun 2022 15:52

Instrument :
MSVOA_D
ClientSampleId :
VD0606SBL01

Tgt Ion:117 Resp: 567870
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.1 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: VD073476.D
Acq: 06 Jun 2022 15:52

Tgt Ion:152 Resp: 277114
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 159.2 0.0 348.6

