

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072578.D
 Acq On : 11 Apr 2022 10:20
 Operator : VA/SY
 Sample : VD0411SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBL01

Quant Time: Apr 12 01:00:49 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	7.973	168	564894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1010053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	938870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	430367	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	311826	45.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.260%
35) Dibromofluoromethane	7.914	113	326251	41.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.120%
50) Toluene-d8	10.332	98	1215976	44.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.140%
62) 4-Bromofluorobenzene	12.620	95	424034	39.792	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.580%

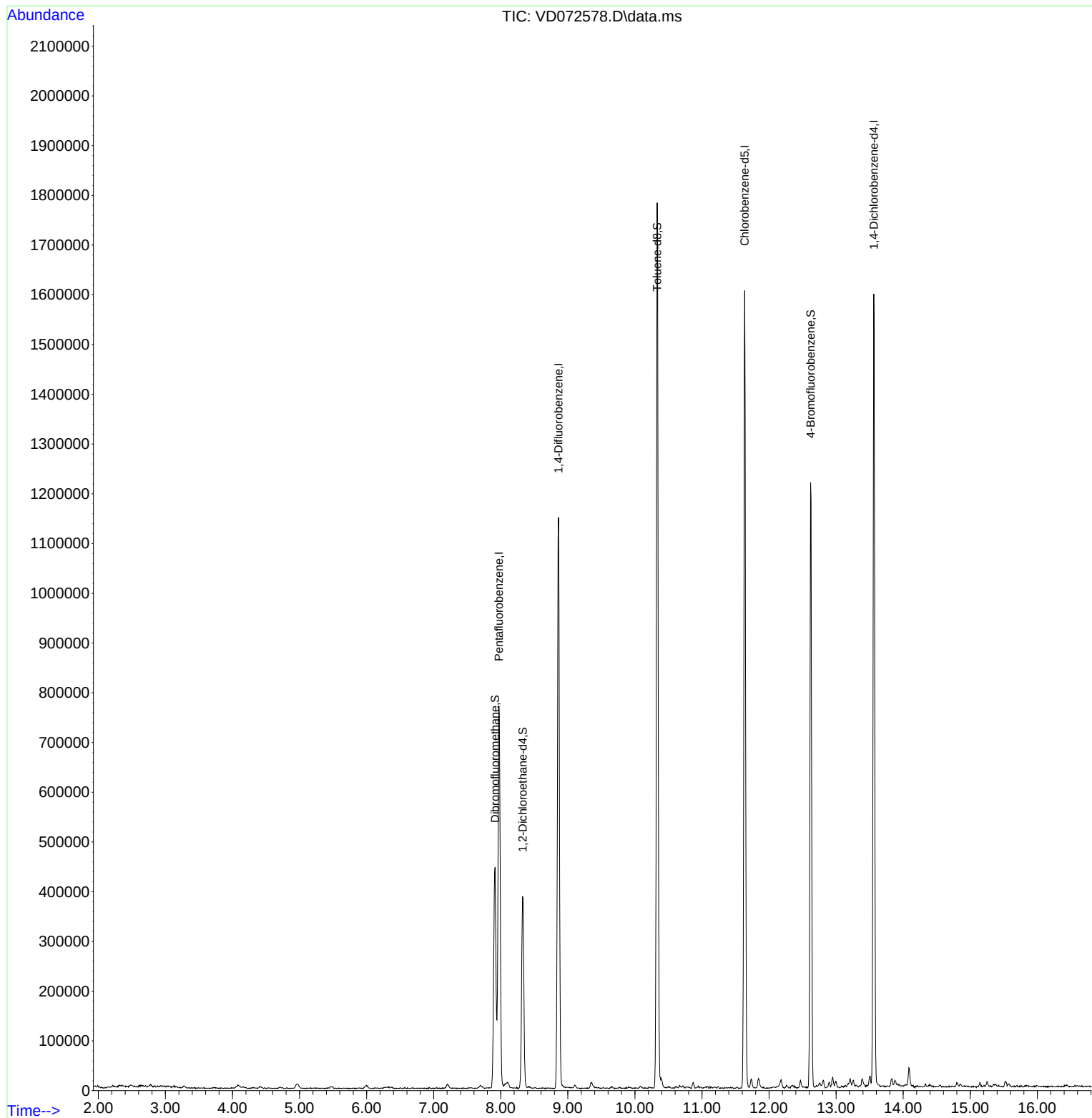
Target Compounds	Qvalue

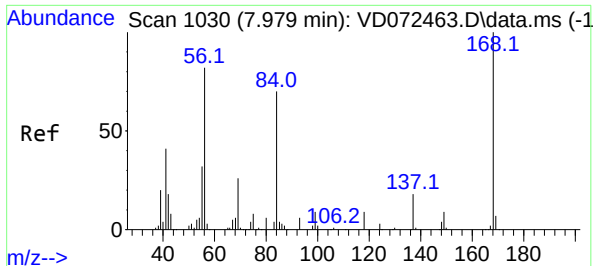
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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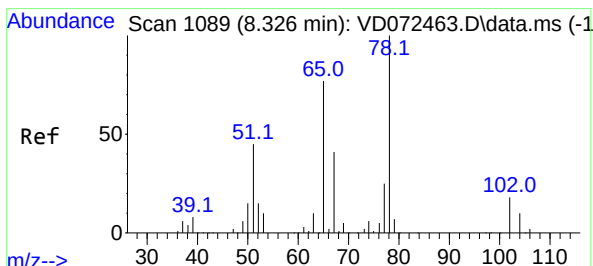
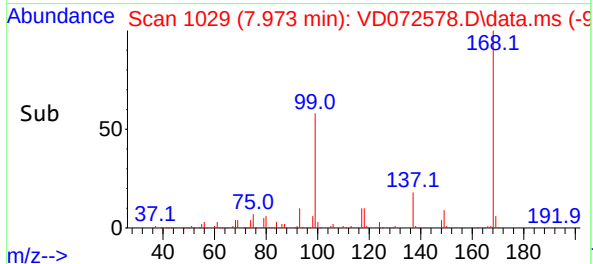
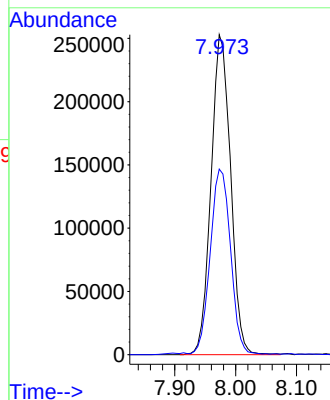
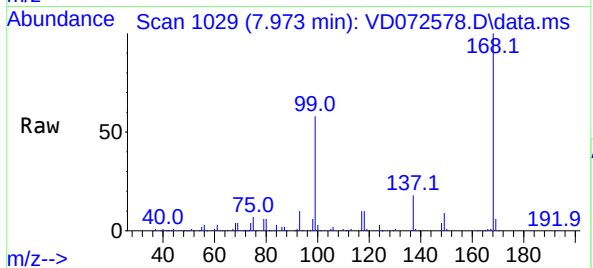




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072578.D
Acq: 11 Apr 2022 10:20

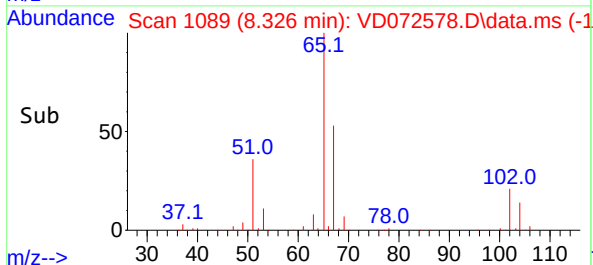
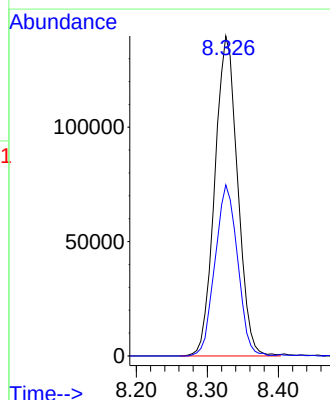
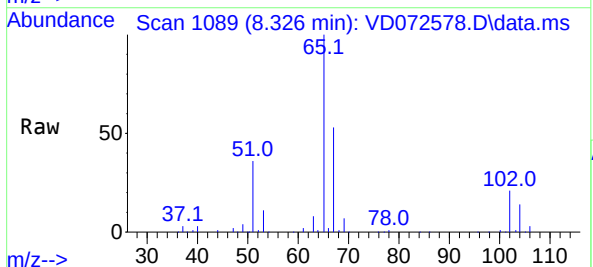
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBL01

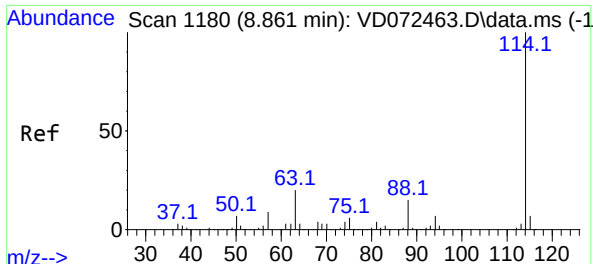
Tgt Ion:168 Resp: 564894
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.632 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072578.D
Acq: 11 Apr 2022 10:20

Tgt Ion: 65 Resp: 311826
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4

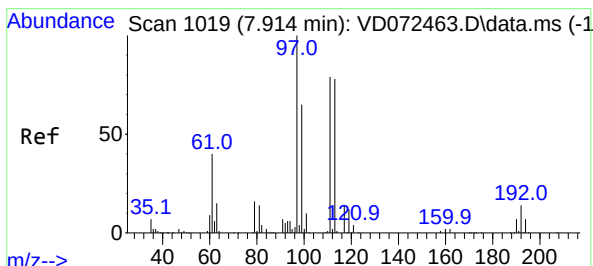
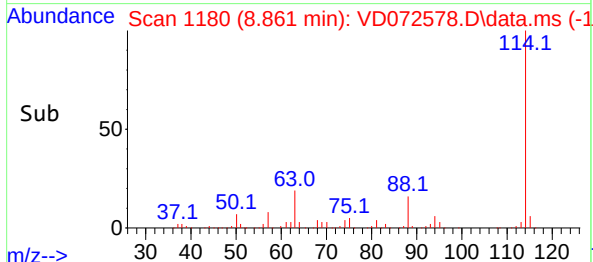
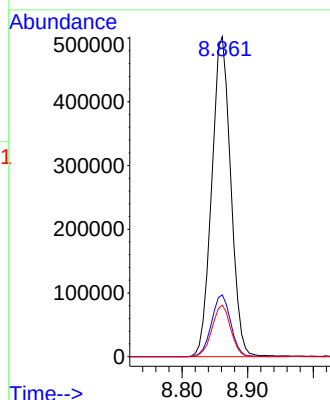
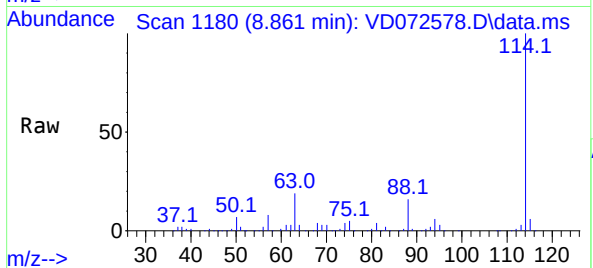




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072578.D
Acq: 11 Apr 2022 10:20

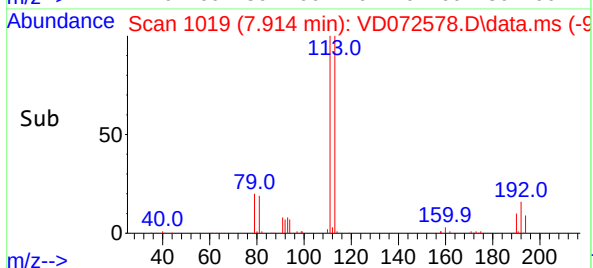
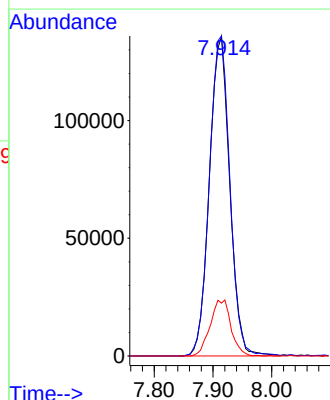
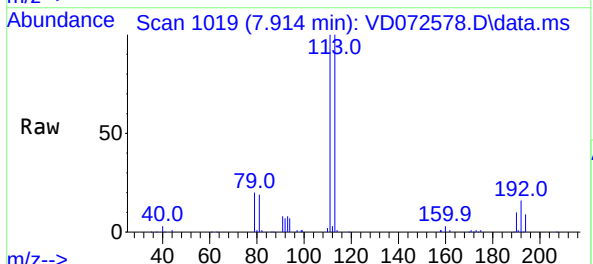
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBL01

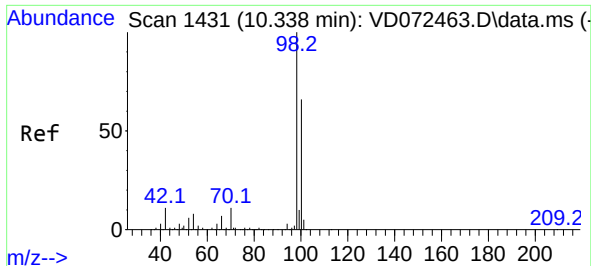
Tgt Ion:114 Resp: 1010053
Ion Ratio Lower Upper
114 100
63 19.3 0.0 46.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 41.563 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072578.D
Acq: 11 Apr 2022 10:20

Tgt Ion:113 Resp: 326251
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 18.0 14.6 21.8

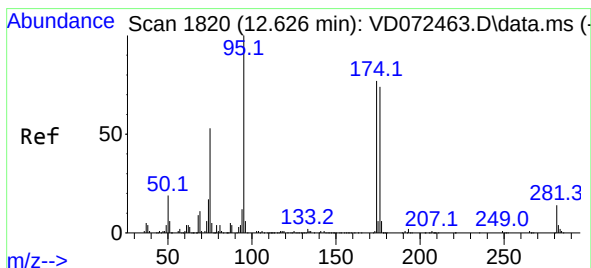
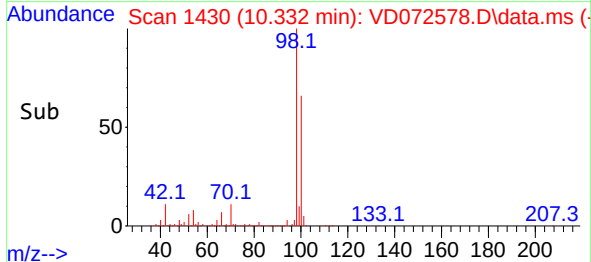
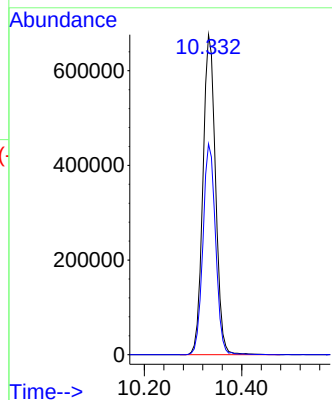
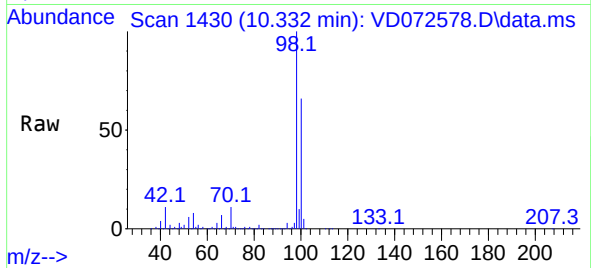




#50
Toluene-d8
Concen: 44.565 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072578.D
Acq: 11 Apr 2022 10:20

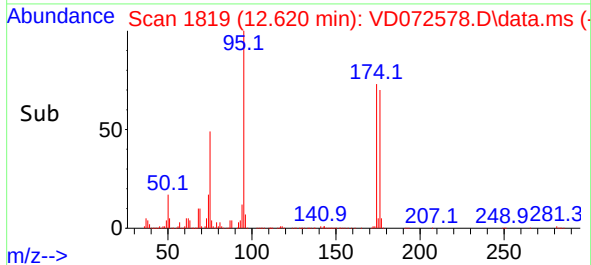
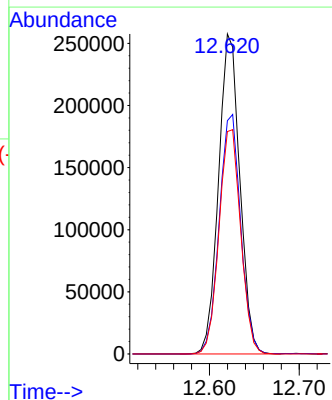
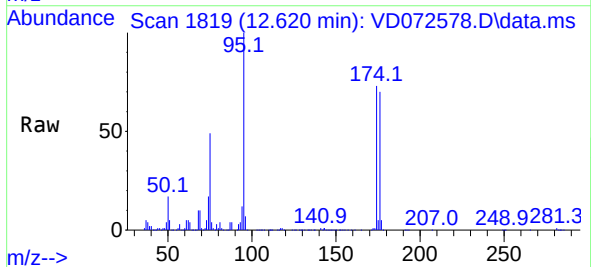
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBL01

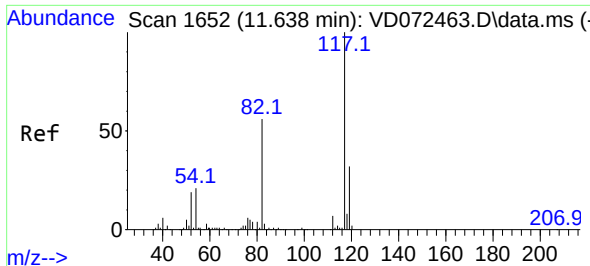
Tgt Ion: 98 Resp: 1215976
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.792 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072578.D
Acq: 11 Apr 2022 10:20

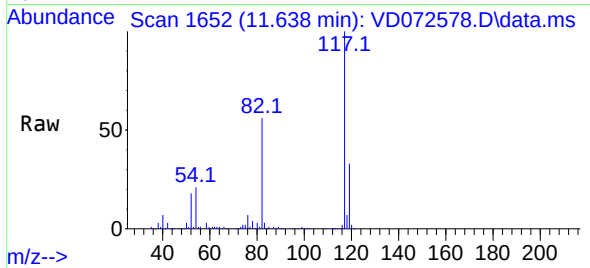
Tgt Ion: 95 Resp: 424034
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 71.5 0.0 145.4



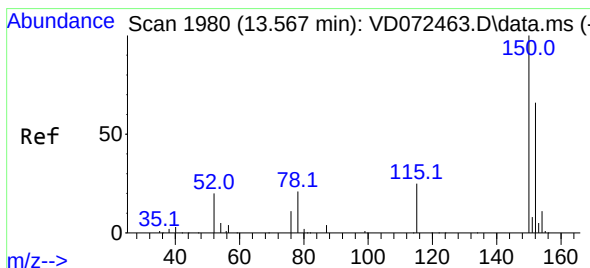
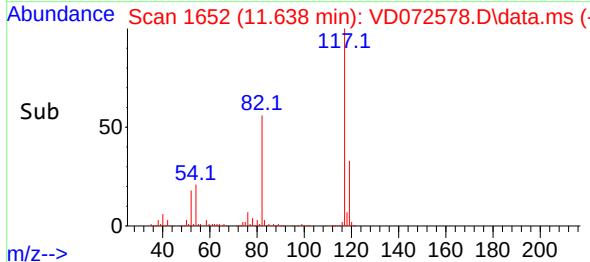
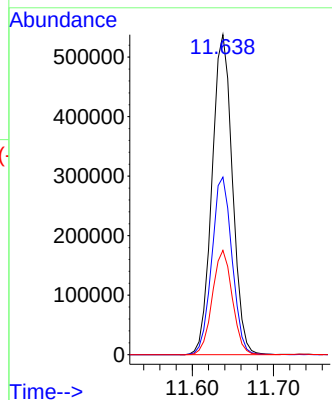


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072578.D
Acq: 11 Apr 2022 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD0411SBL01



Tgt Ion:117 Resp: 938870
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.6 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: VD072578.D
Acq: 11 Apr 2022 10:20

Tgt Ion:152 Resp: 430367
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 156.2 0.0 348.6

