

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072277.D
 Acq On : 18 Mar 2022 08:08
 Operator : VA/SY
 Sample : N1994-10
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-4.5-5.0

Quant Time: Mar 18 08:36:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	143519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	241431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	291430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	149055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	108303	67.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.420%
35) Dibromofluoromethane	7.914	113	93081	54.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.580%
50) Toluene-d8	10.338	98	310250	49.941	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.626	95	136549	56.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.140%

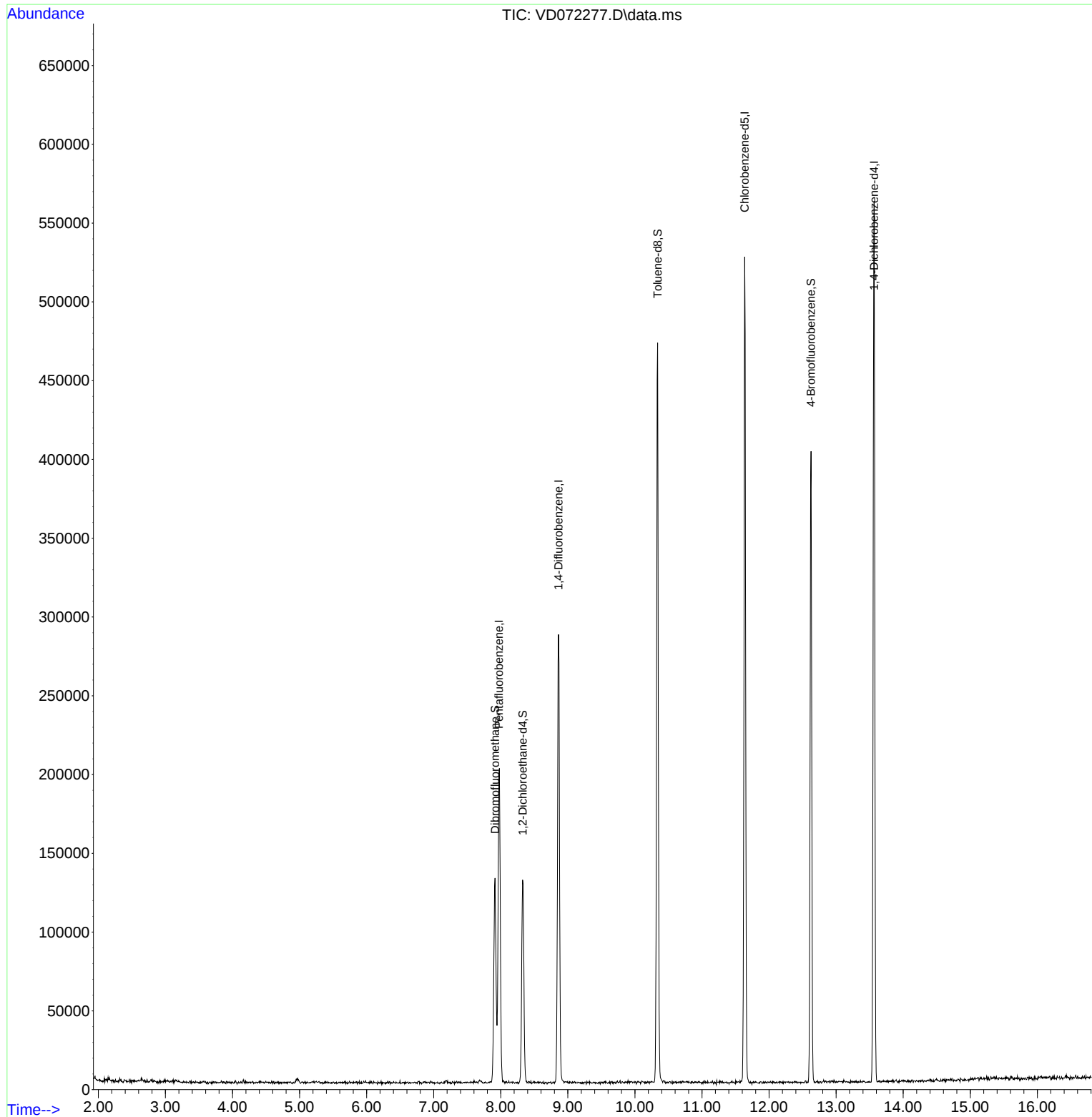
Target Compounds	Qvalue

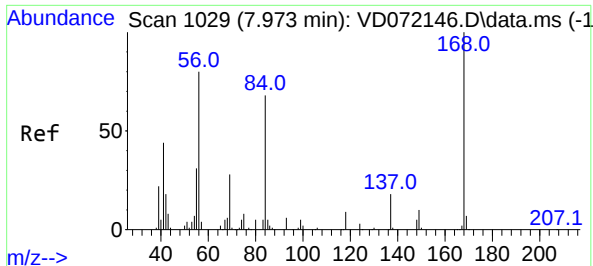
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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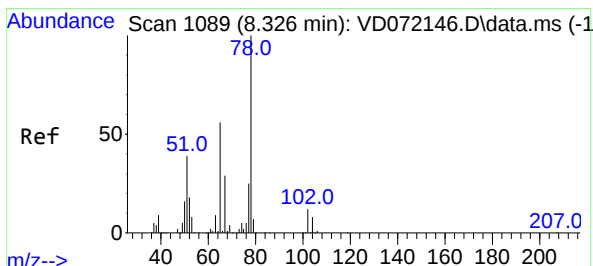
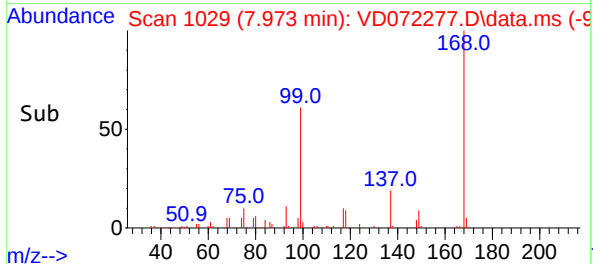
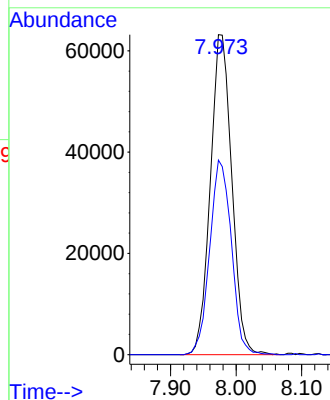
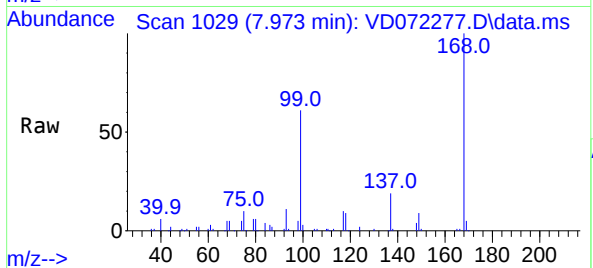




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072277.D
Acq: 18 Mar 2022 08:08

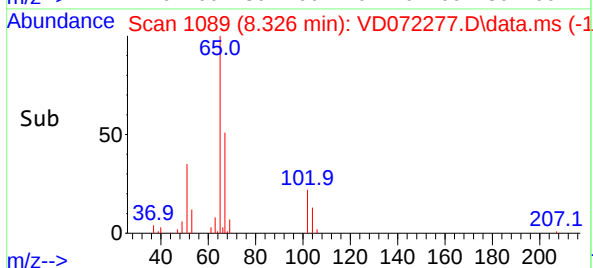
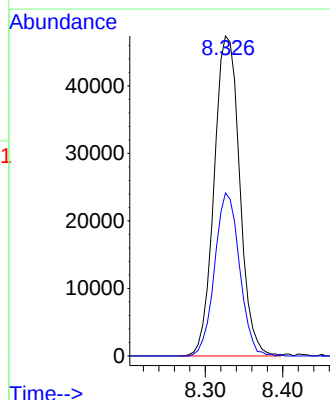
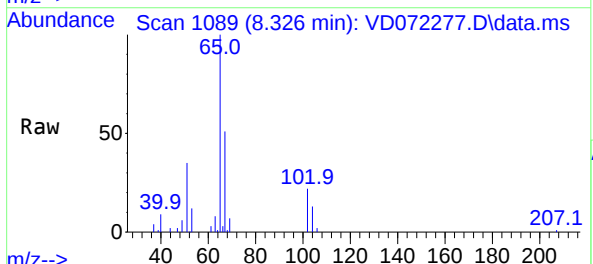
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0

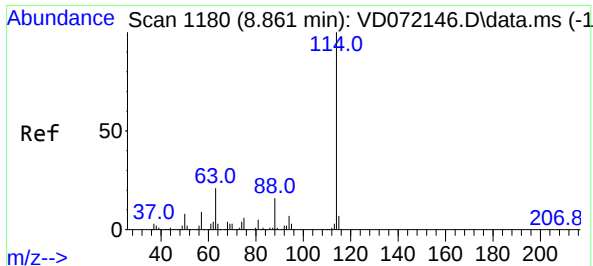
Tgt Ion:168 Resp: 143519
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 67.713 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072277.D
Acq: 18 Mar 2022 08:08

Tgt Ion: 65 Resp: 108303
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.4



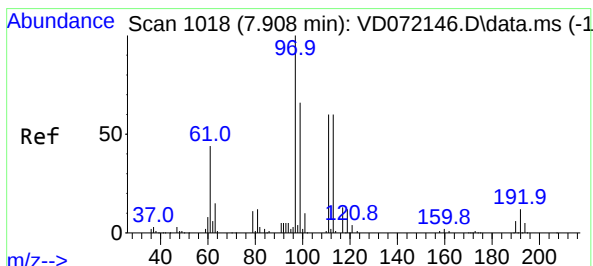
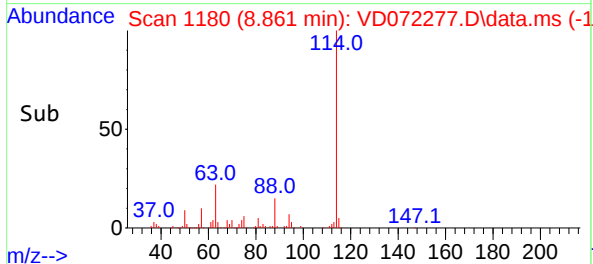
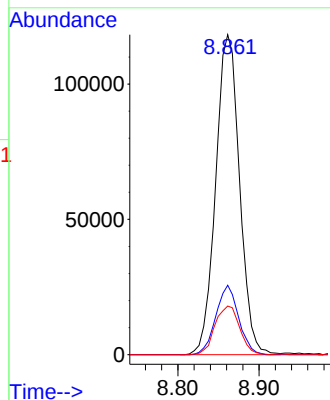
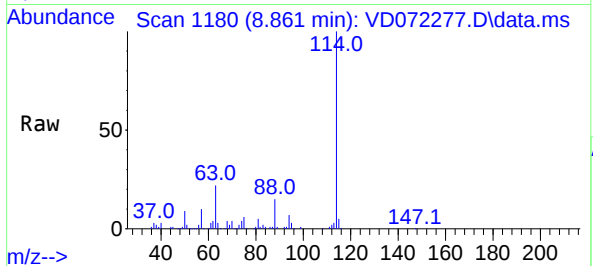


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072277.D
Acq: 18 Mar 2022 08:08

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0

Tgt Ion:114 Resp: 241431

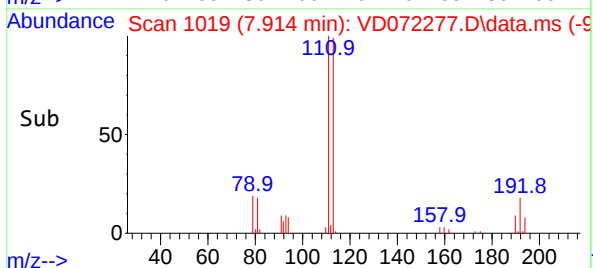
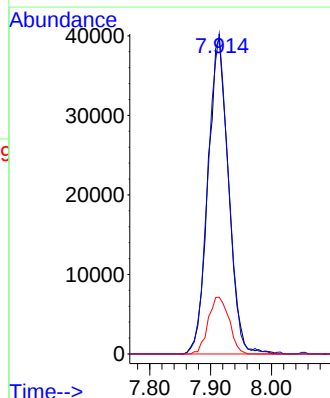
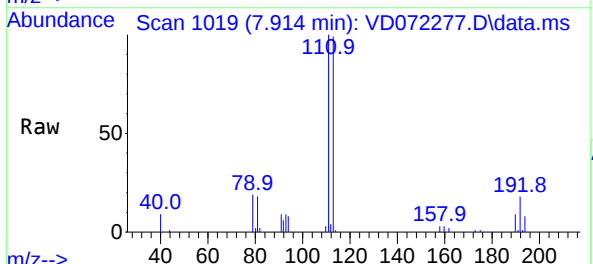
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	46.6
88	15.2	0.0	33.2

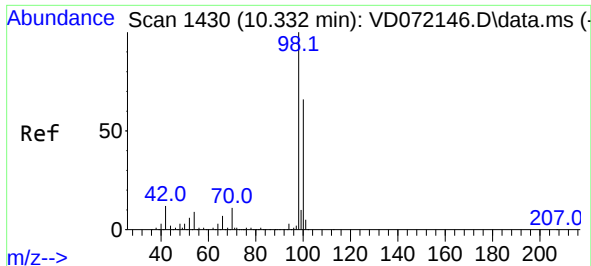


#35
Dibromofluoromethane
Concen: 54.787 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072277.D
Acq: 18 Mar 2022 08:08

Tgt Ion:113 Resp: 93081

Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.8	125.6
192	18.2	14.6	21.8

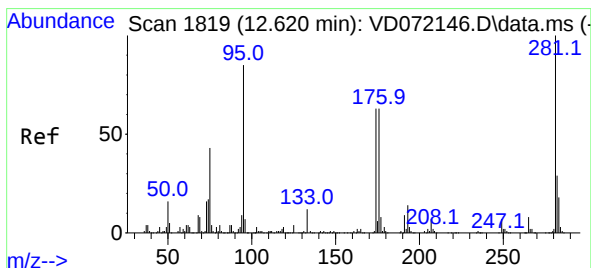
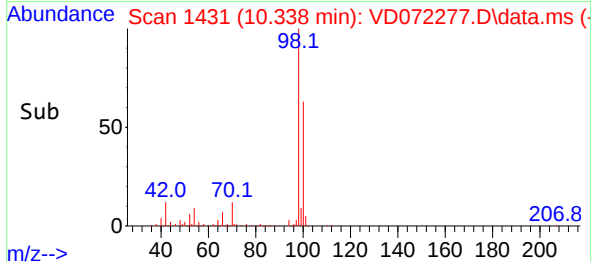
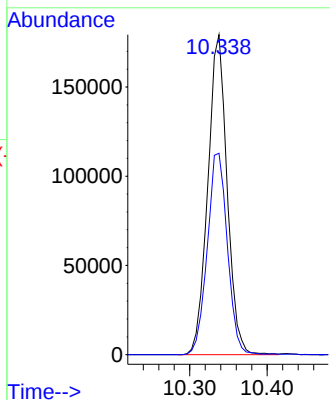
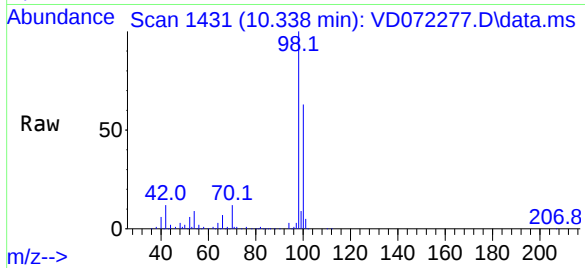




#50
Toluene-d8
Concen: 49.941 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072277.D
Acq: 18 Mar 2022 08:08

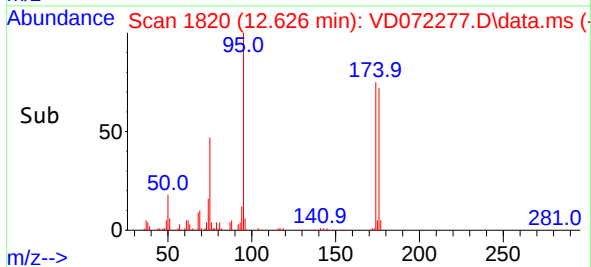
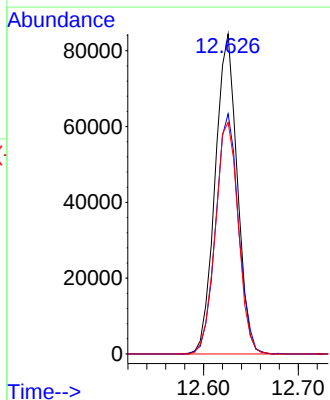
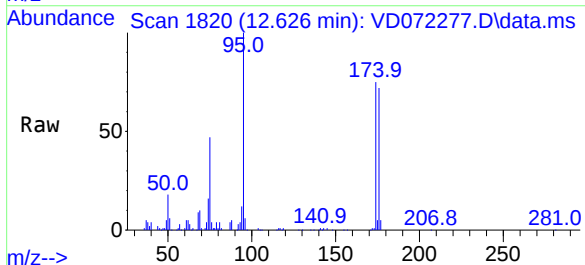
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0

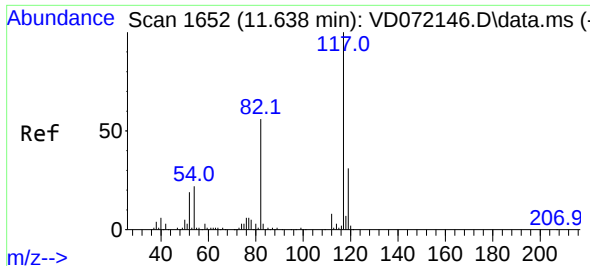
Tgt Ion: 98 Resp: 310250
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.570 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072277.D
Acq: 18 Mar 2022 08:08

Tgt Ion: 95 Resp: 136549
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 75.3 0.0 145.4

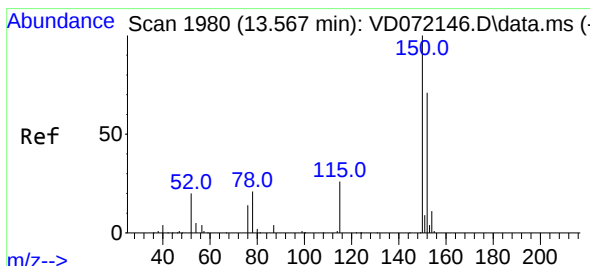
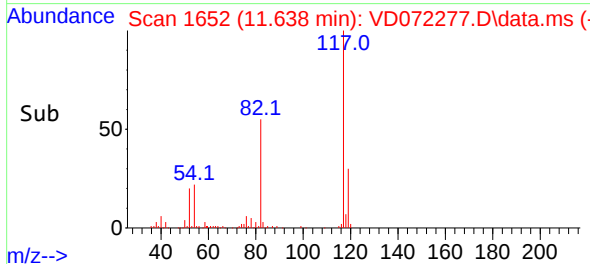
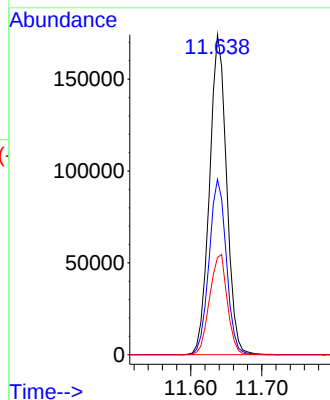
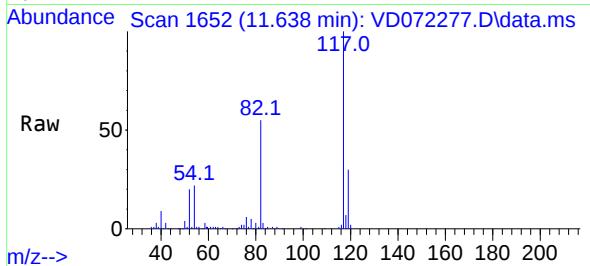




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072277.D
Acq: 18 Mar 2022 08:08

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0

Tgt Ion:117 Resp: 291430
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 30.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072277.D
Acq: 18 Mar 2022 08:08

Tgt Ion:152 Resp: 149055
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 155.8 0.0 348.6

