

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072502.D
 Acq On : 01 Apr 2022 14:56
 Operator : VA/SY
 Sample : N2217-05
 Misc : 4.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Apr 02 02:37:50 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	431984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	771822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	788297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	379118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227832	43.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.200%
35) Dibromofluoromethane	7.909	113	252684	42.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.260%
50) Toluene-d8	10.332	98	953769	45.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.620	95	360892	44.320	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.640%

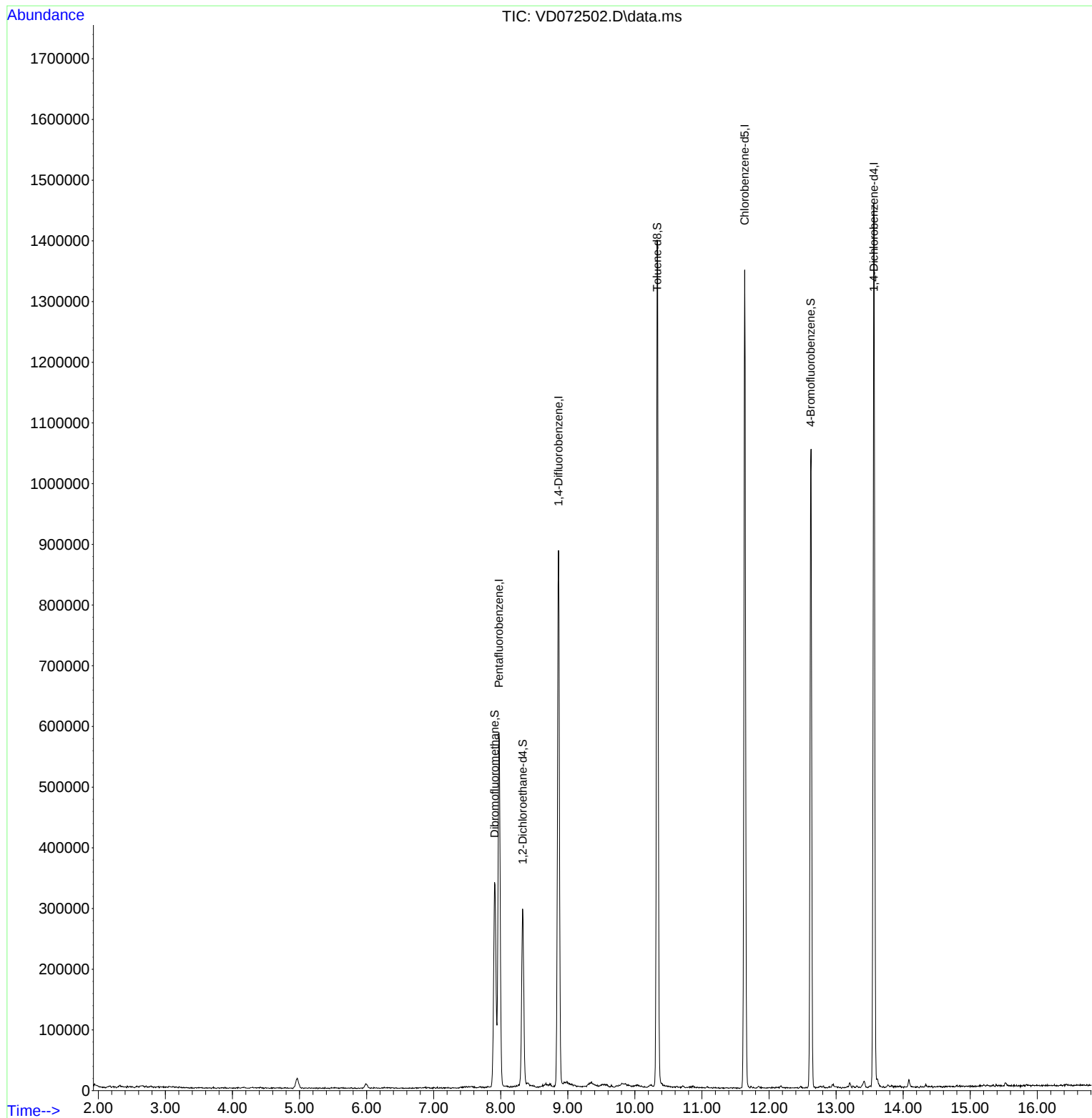
Target Compounds	Qvalue

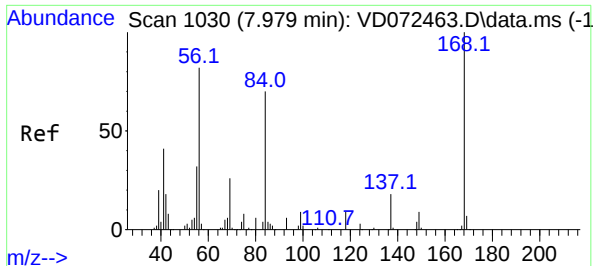
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072502.D

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Instrument :

MSVOA_D

ClientSampleId :

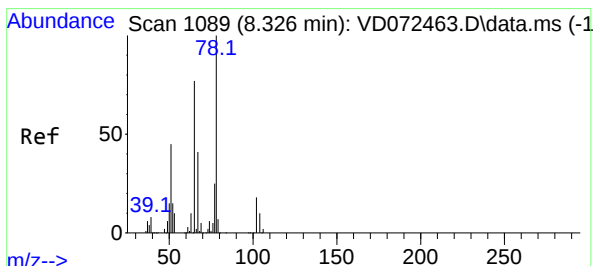
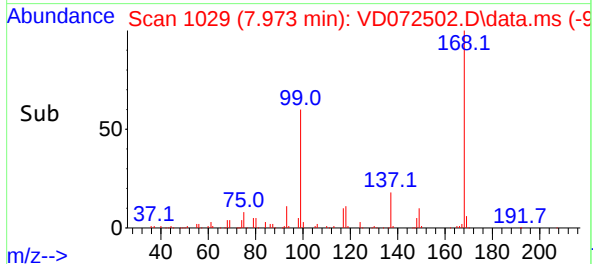
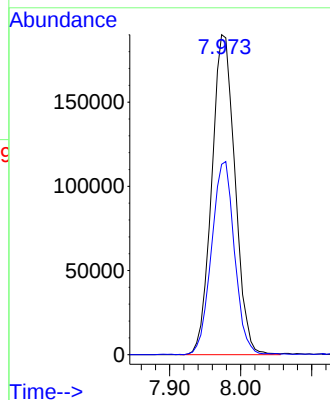
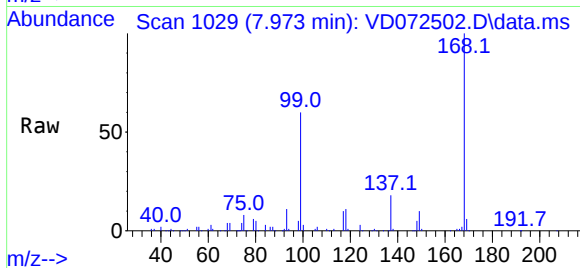
SB-4

Tgt Ion:168 Resp: 431984

Ion Ratio Lower Upper

168 100

99 59.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 43.598 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072502.D

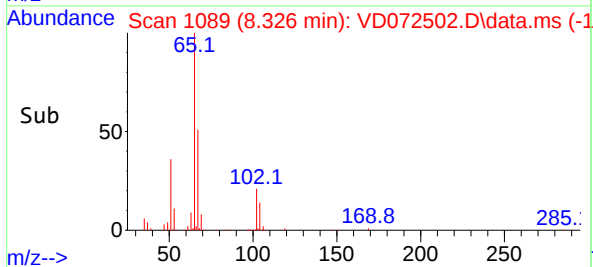
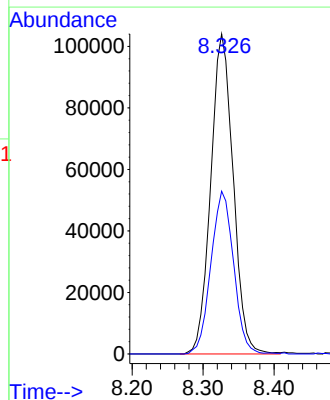
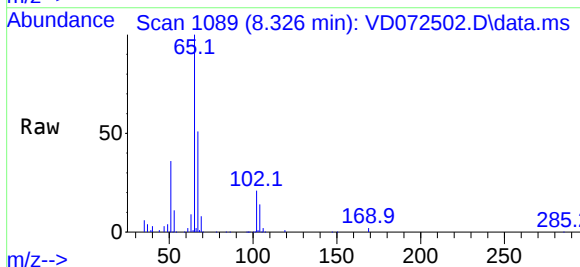
Acq: 01 Apr 2022 14:56

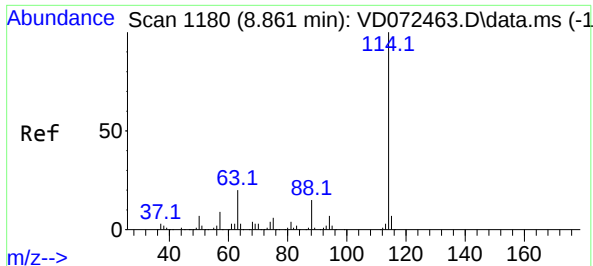
Tgt Ion: 65 Resp: 227832

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4



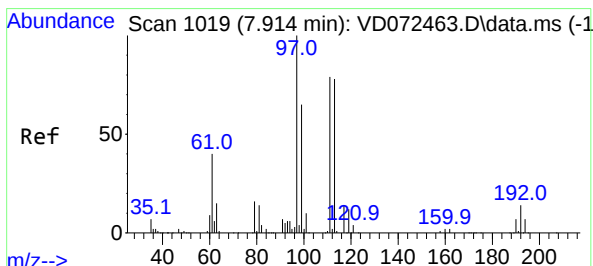
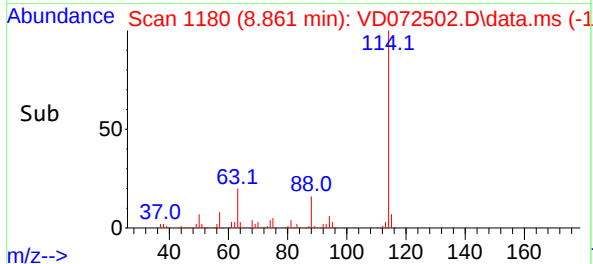
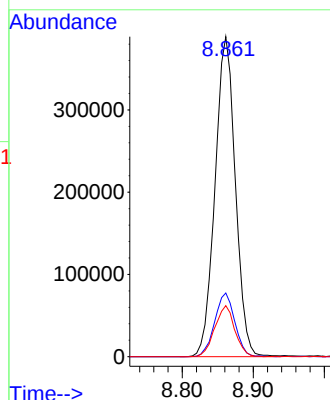
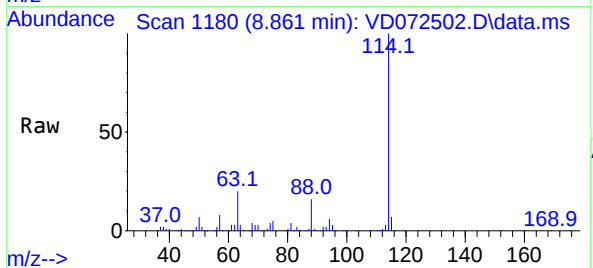


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Tgt Ion:114 Resp: 771822

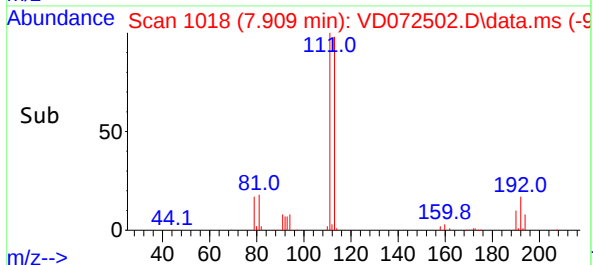
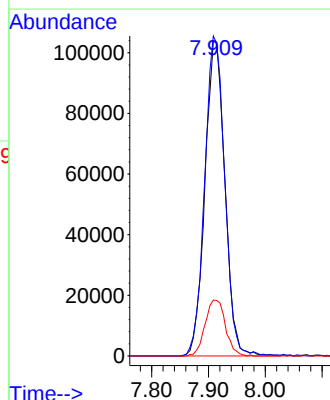
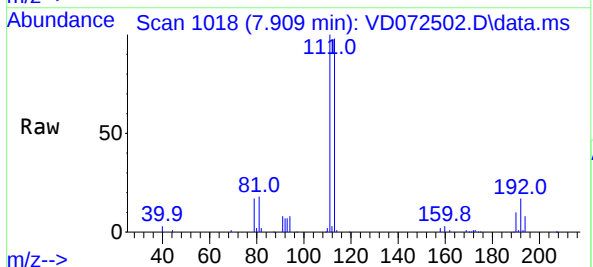
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	46.6
88	15.9	0.0	33.2



#35
Dibromofluoromethane
Concen: 42.127 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion:113 Resp: 252684

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	18.1	14.6	21.8

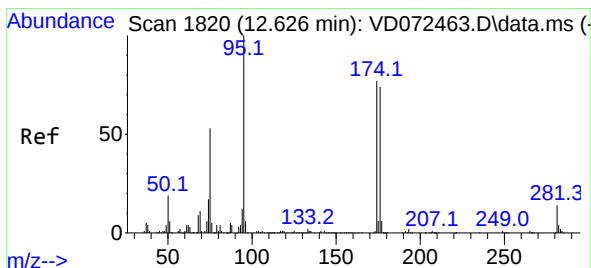
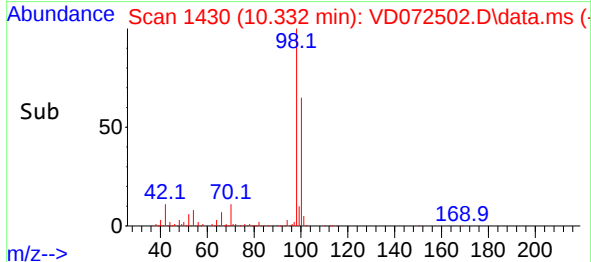
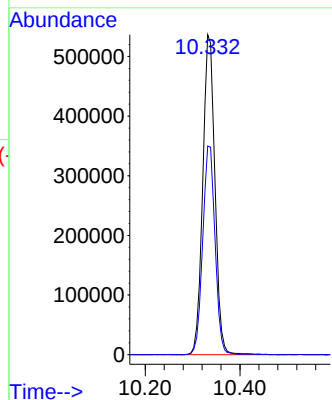
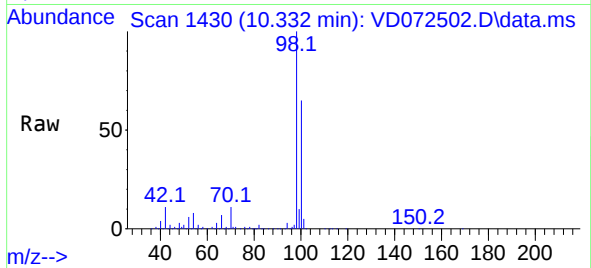




#50
Toluene-d8
Concen: 45.745 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

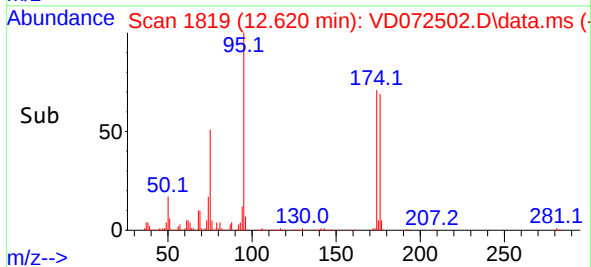
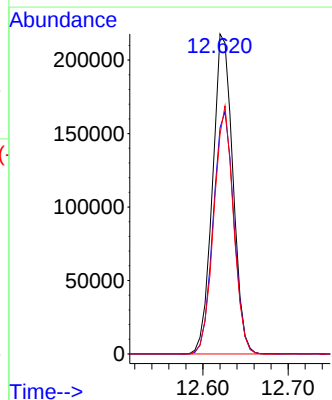
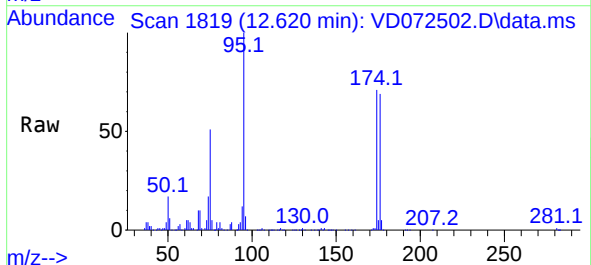
Instrument :
MSVOA_D
ClientSampleId :
SB-4

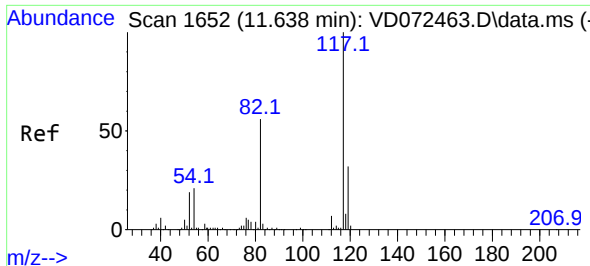
Tgt Ion: 98 Resp: 953769
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.320 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion: 95 Resp: 360892
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 75.0 0.0 145.4

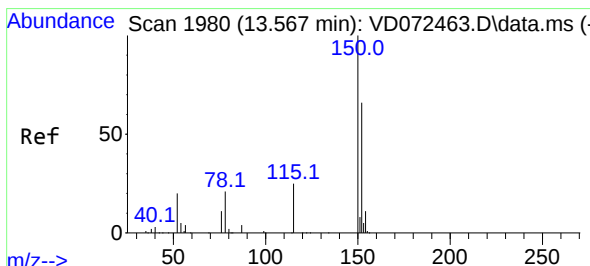
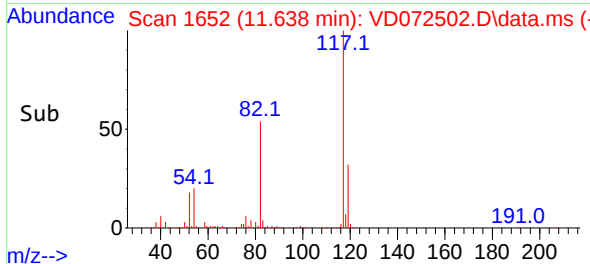
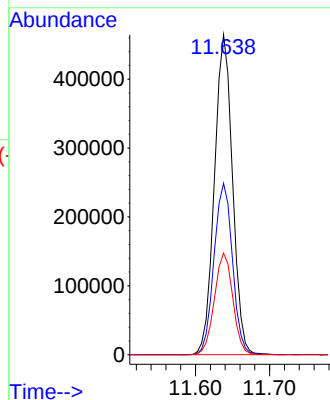
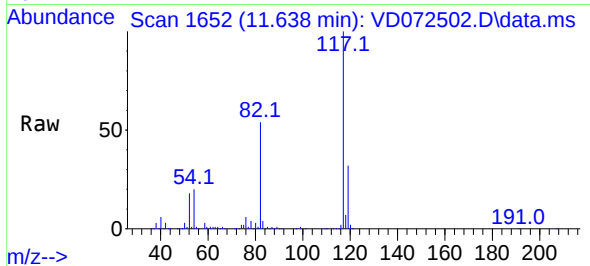




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Tgt Ion:117 Resp: 788297
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 31.8 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: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion:152 Resp: 379118
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.6 0.0 348.6

