

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072501.D
 Acq On : 01 Apr 2022 14:28
 Operator : VA/SY
 Sample : N2217-04
 Misc : 3.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Apr 02 02:37:36 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	7.979	168	423969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	778240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	381701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218663	42.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.260%
35) Dibromofluoromethane	7.914	113	246066	41.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.360%
50) Toluene-d8	10.338	98	945260	45.511	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.620	95	355930	43.879	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.760%

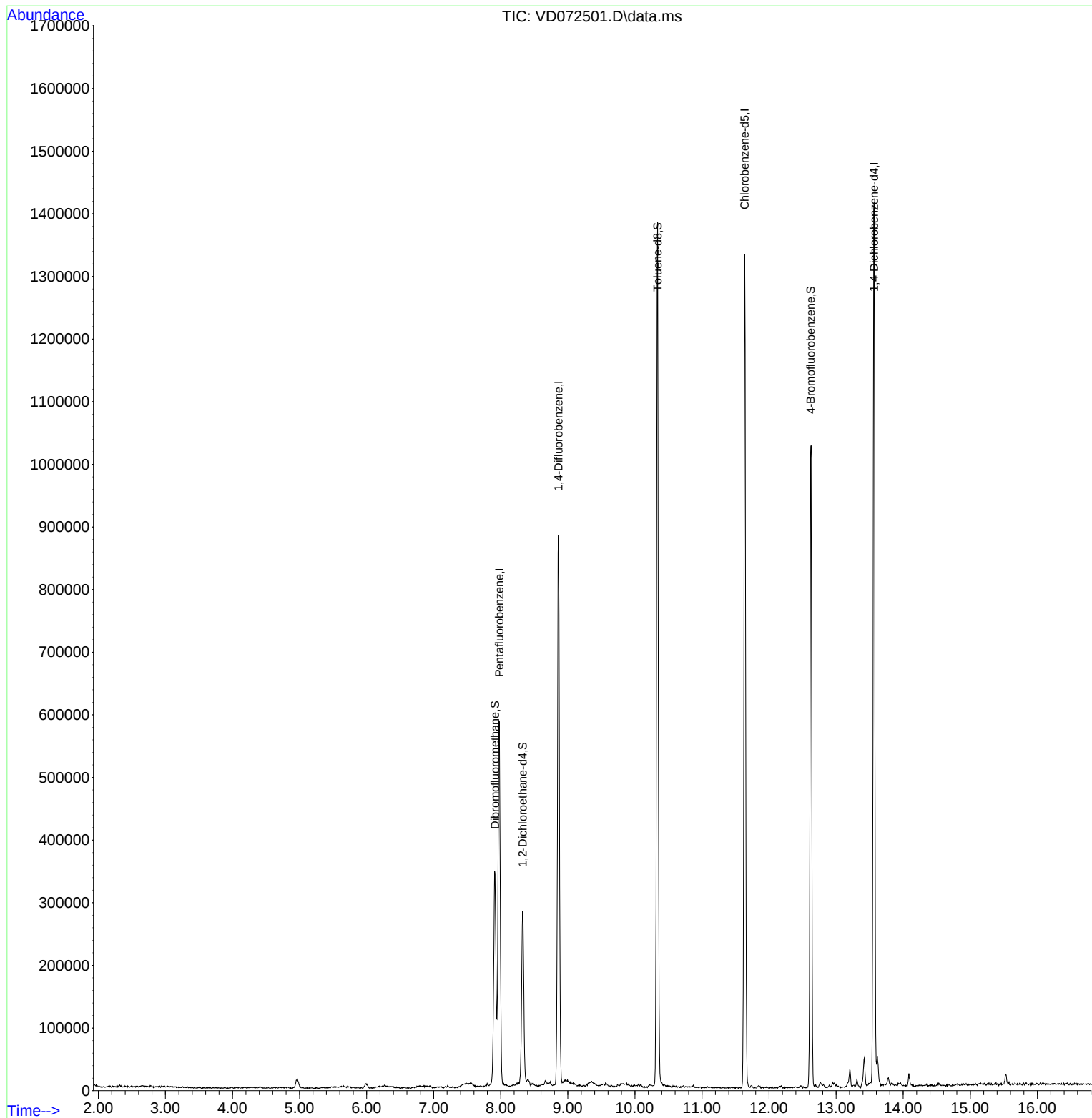
Target Compounds	Qvalue

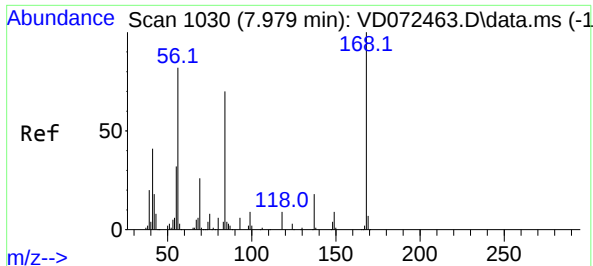
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072501.D

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Instrument :

MSVOA_D

ClientSampleId :

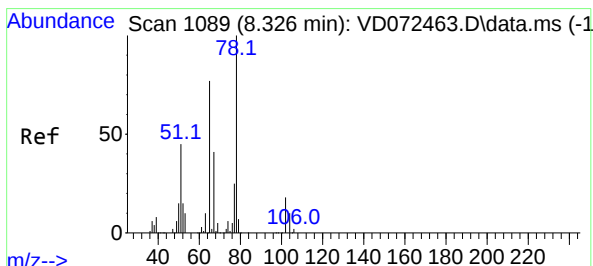
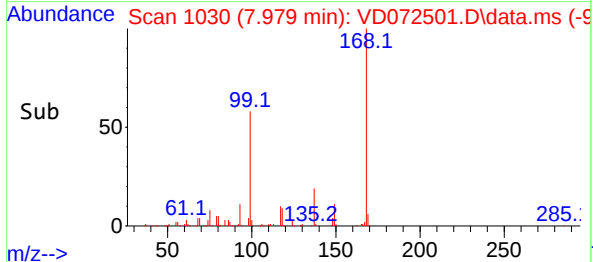
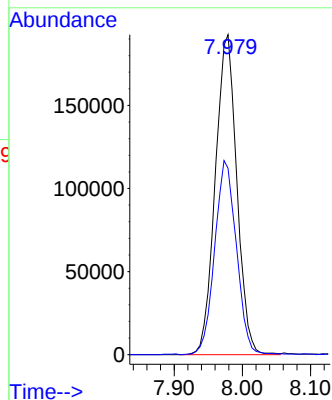
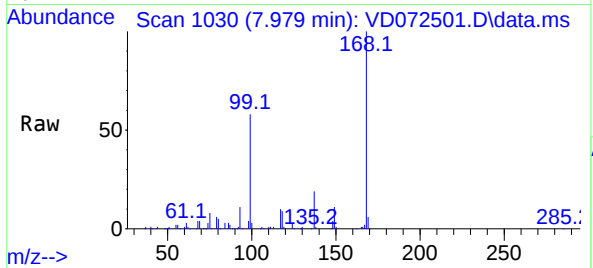
SB-3

Tgt Ion:168 Resp: 423969

Ion Ratio Lower Upper

168 100

99 58.3 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 42.635 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072501.D

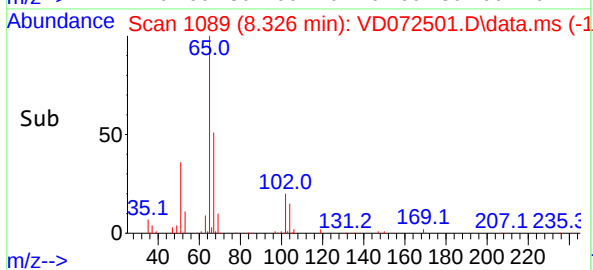
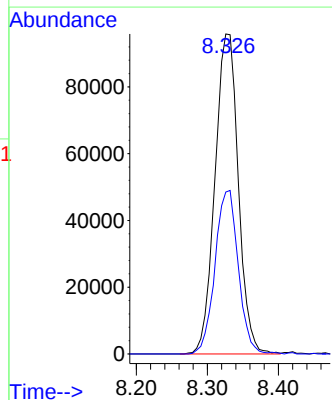
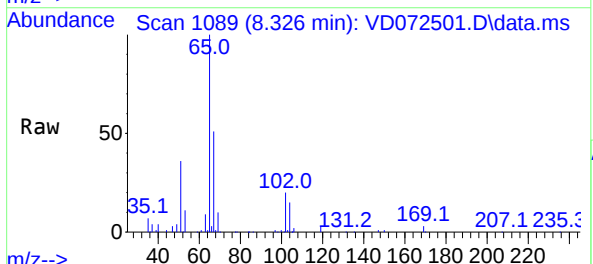
Acq: 01 Apr 2022 14:28

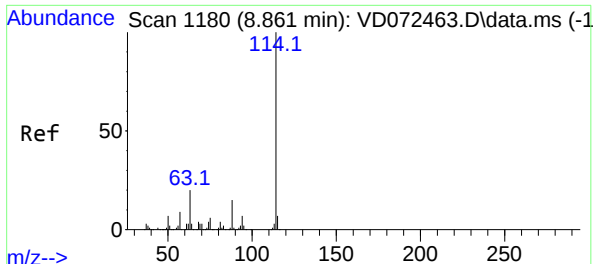
Tgt Ion: 65 Resp: 218663

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



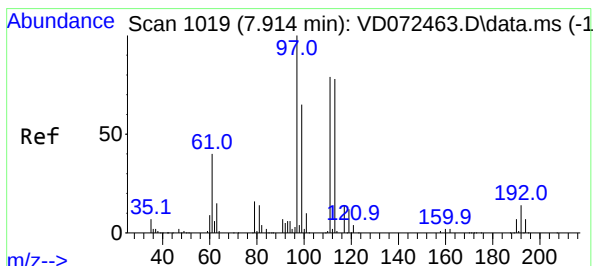
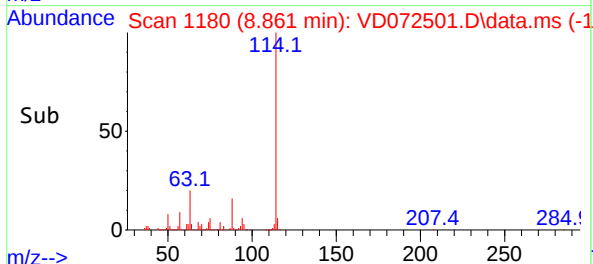
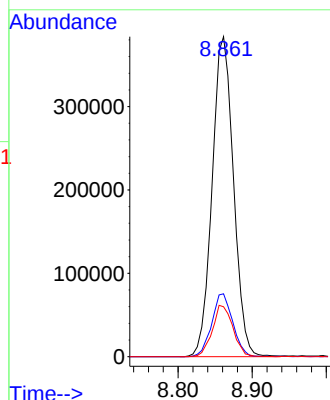
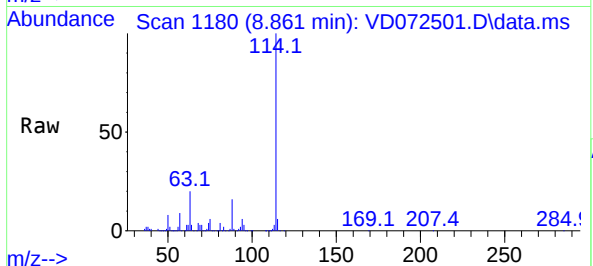


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion:114 Resp: 768865

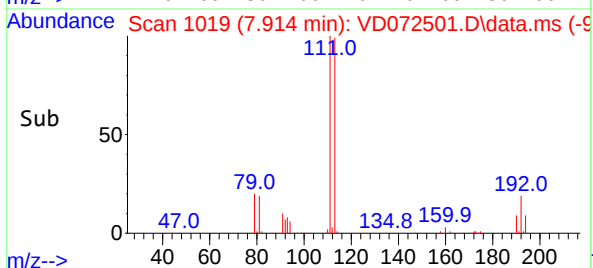
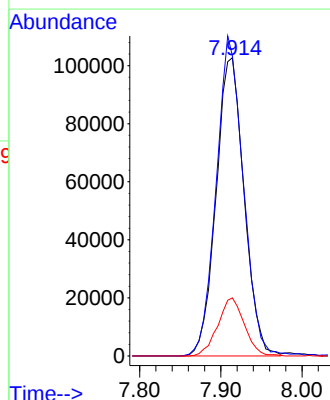
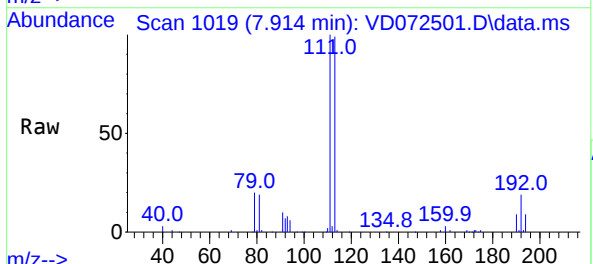
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	46.6
88	15.6	0.0	33.2

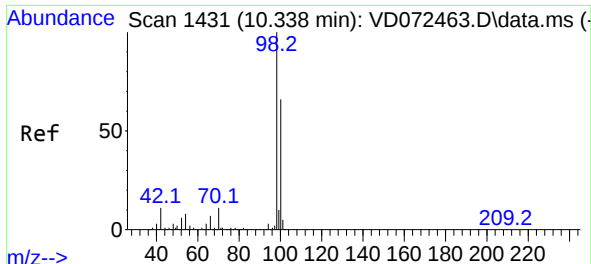


#35
Dibromofluoromethane
Concen: 41.181 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion:113 Resp: 246066

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.8	125.6
192	18.5	14.6	21.8

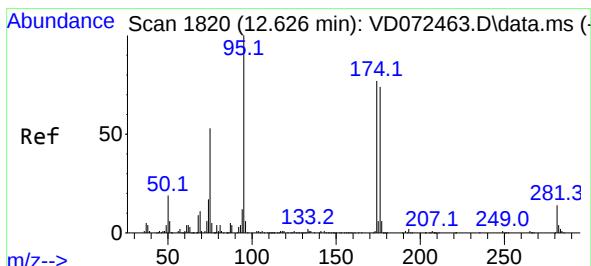
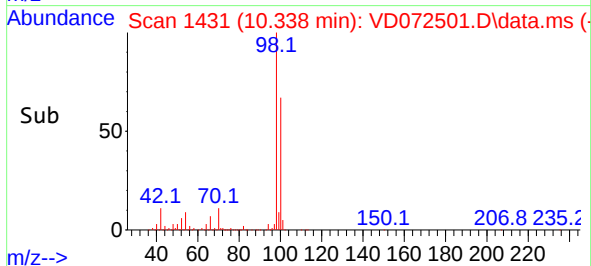
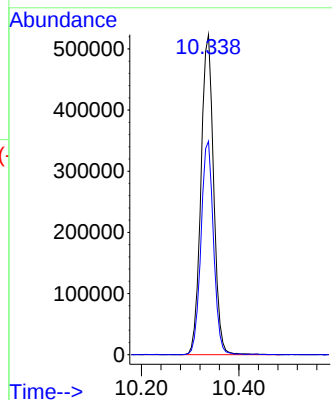
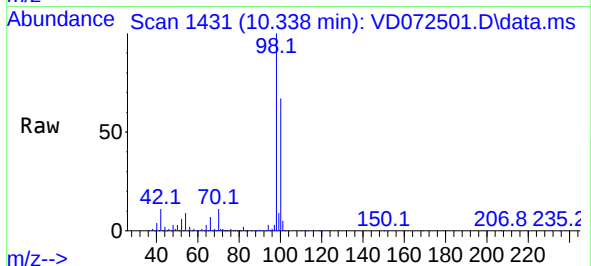




#50
Toluene-d8
Concen: 45.511 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

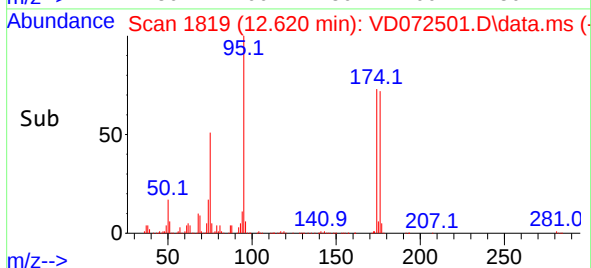
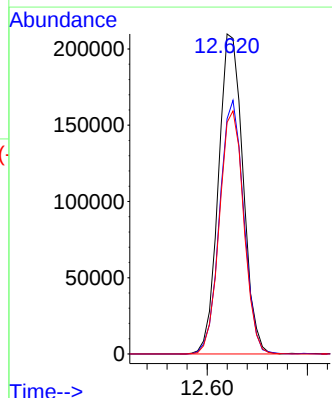
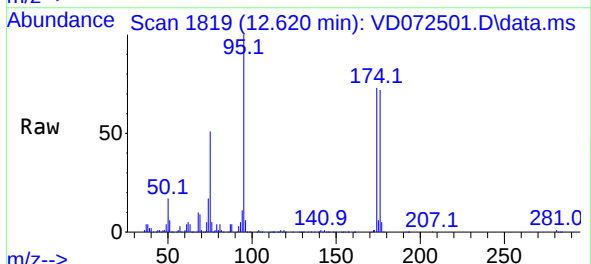
Instrument :
MSVOA_D
ClientSampleId :
SB-3

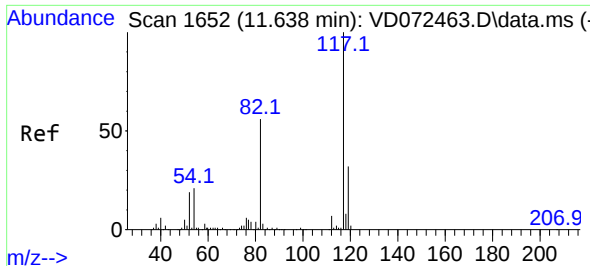
Tgt Ion: 98 Resp: 945260
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.879 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion: 95 Resp: 355930
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 75.3 0.0 145.4

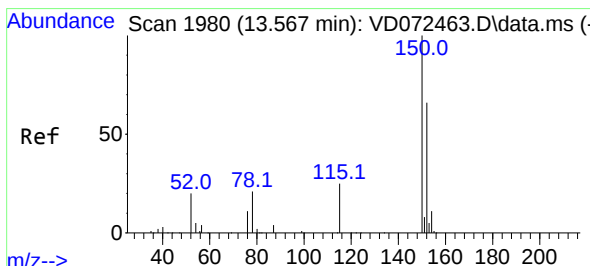
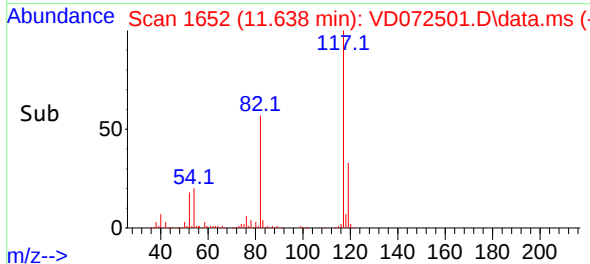
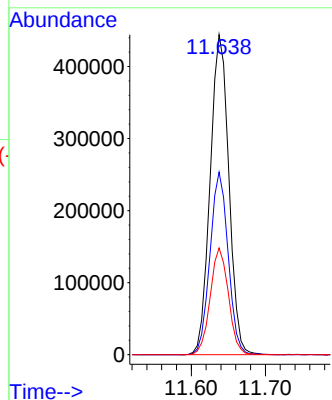
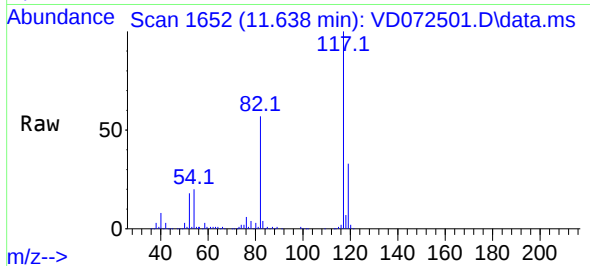




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072501.D
Acq: 01 Apr 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion:117 Resp: 778240
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 33.4 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: VD072501.D
Acq: 01 Apr 2022 14:28

Tgt Ion:152 Resp: 381701
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 157.9 0.0 348.6

