

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072609.D
 Acq On : 18 Apr 2022 20:41
 Operator : VA/SY
 Sample : N2444-11
 Misc : 5.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11

Quant Time: Apr 19 02:53:25 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	19206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	35225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	39043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	17483	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	20057	86.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.660%#
35) Dibromofluoromethane	7.914	113	17071	62.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.720%
50) Toluene-d8	10.332	98	44849	47.132	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.620	95	16313	43.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.800%

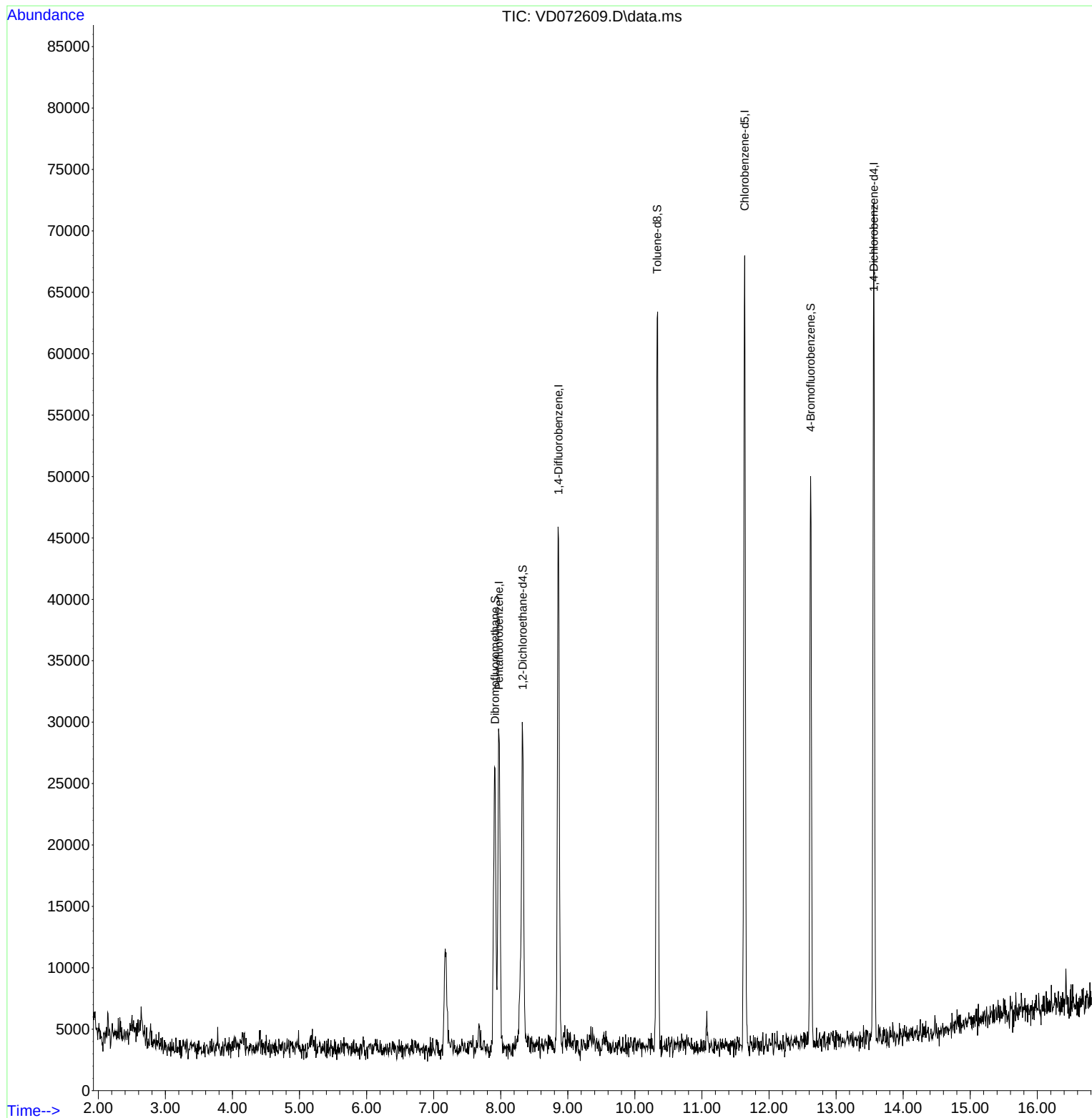
Target Compounds	Qvalue

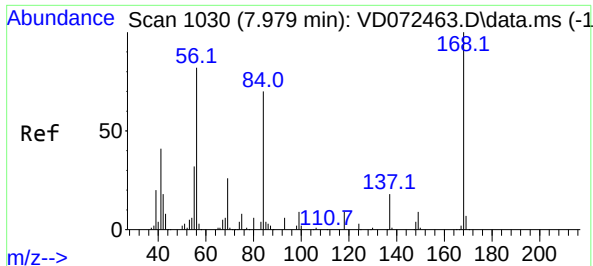
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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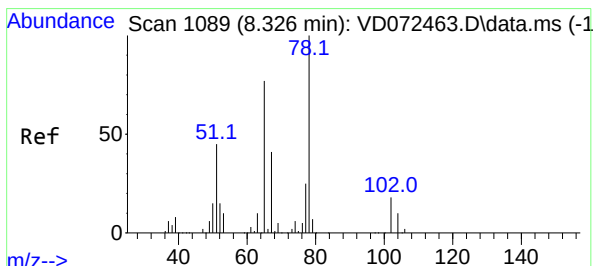
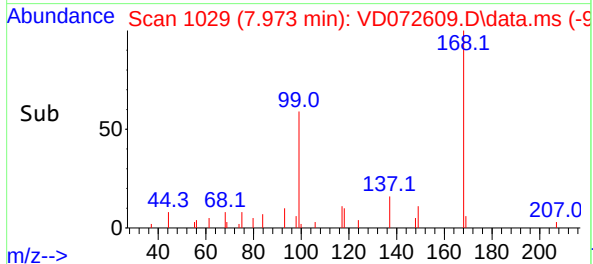
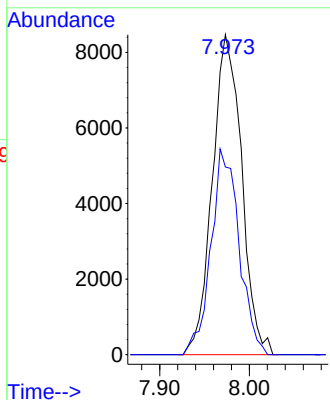
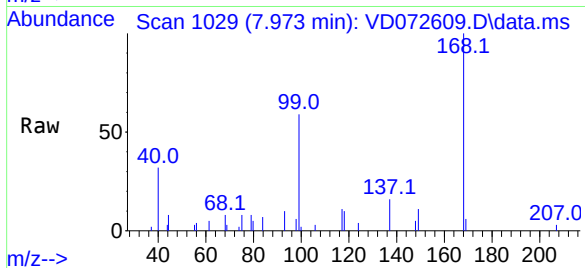




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072609.D
Acq: 18 Apr 2022 20:41

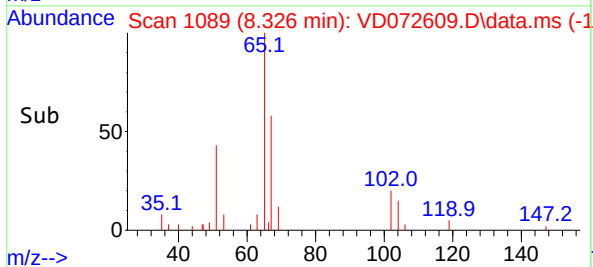
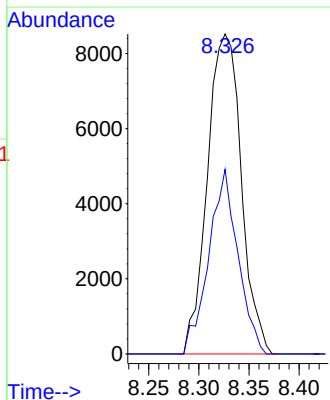
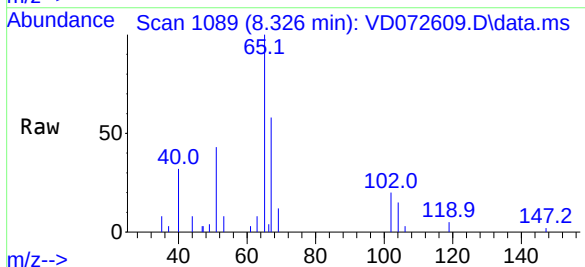
Instrument :
MSVOA_D
ClientSampleId :
SB-11

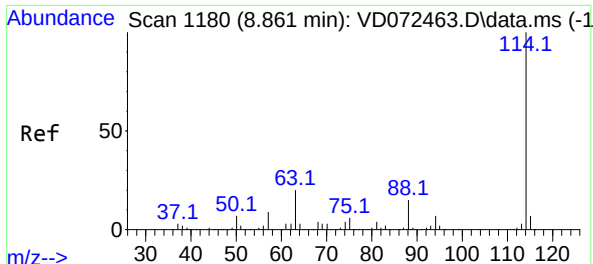
Tgt Ion:168 Resp: 19206
Ion Ratio Lower Upper
168 100
99 58.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 86.328 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072609.D
Acq: 18 Apr 2022 20:41

Tgt Ion: 65 Resp: 20057
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.4



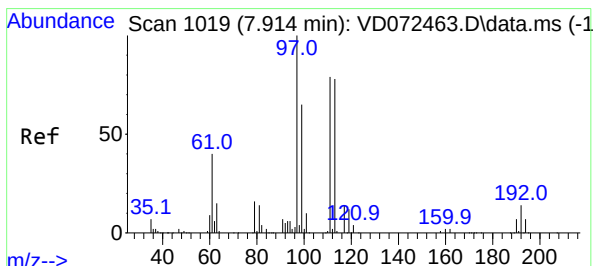
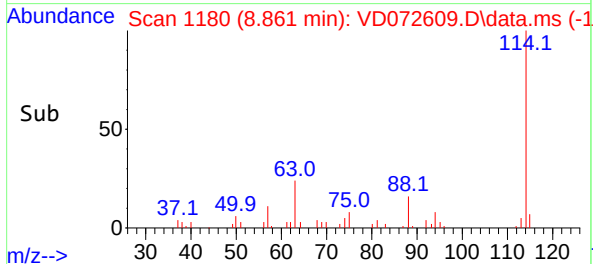
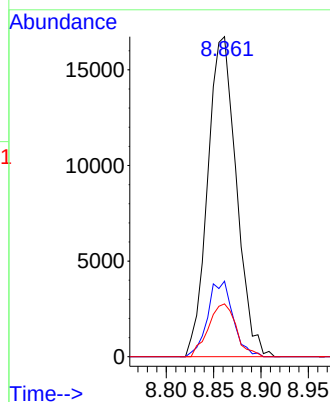
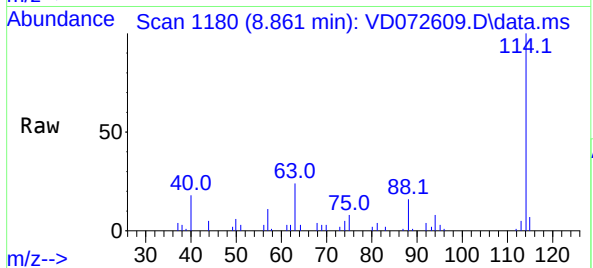


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072609.D
Acq: 18 Apr 2022 20:41

Instrument :
MSVOA_D
ClientSampleId :
SB-11

Tgt Ion:114 Resp: 35225

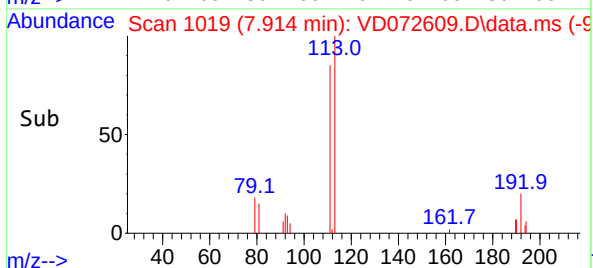
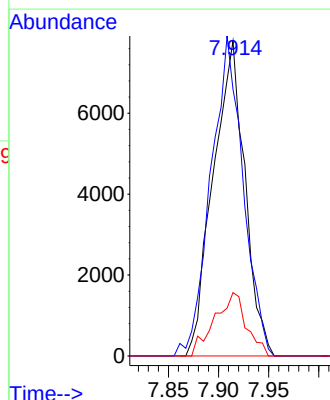
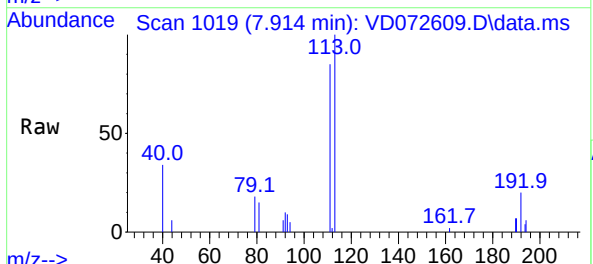
Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	46.6
88	16.5	0.0	33.2

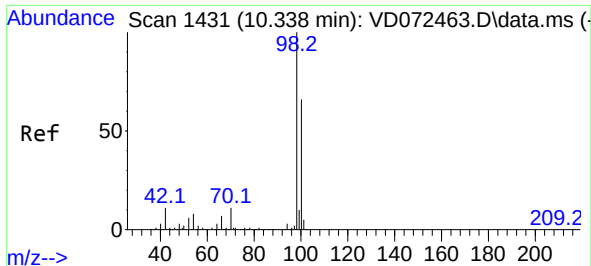


#35
Dibromofluoromethane
Concen: 62.360 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072609.D
Acq: 18 Apr 2022 20:41

Tgt Ion:113 Resp: 17071

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.8	125.6
192	20.2	14.6	21.8

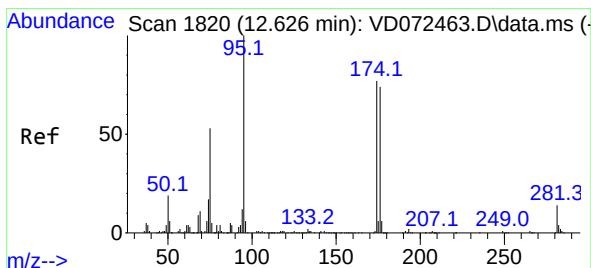
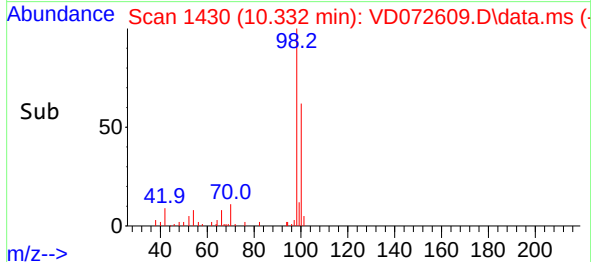
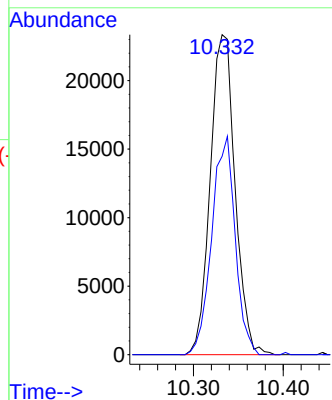
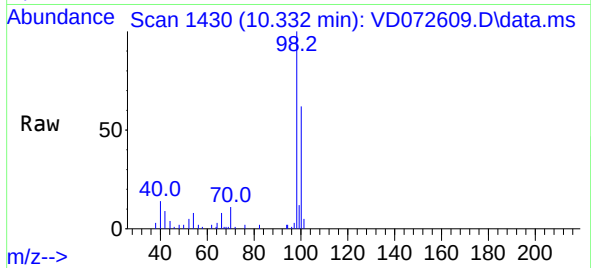




#50
Toluene-d8
Concen: 47.132 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072609.D
Acq: 18 Apr 2022 20:41

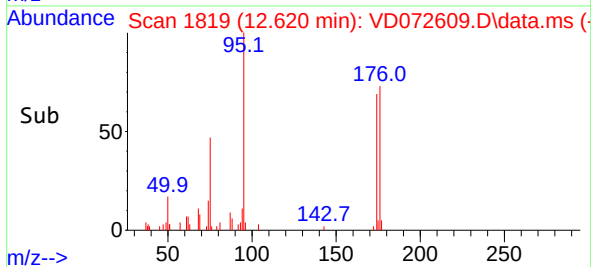
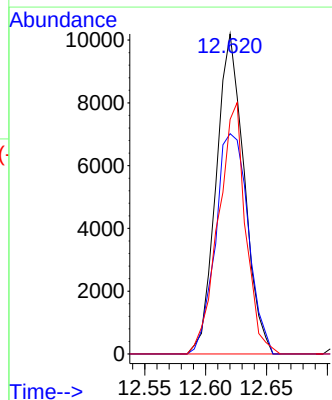
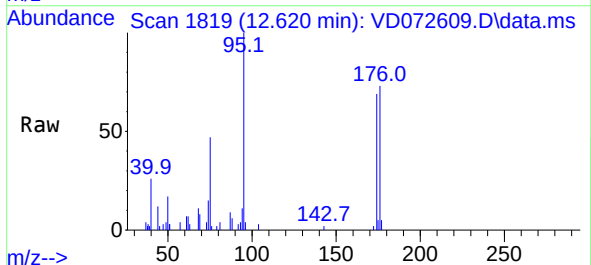
Instrument :
MSVOA_D
ClientSampleId :
SB-11

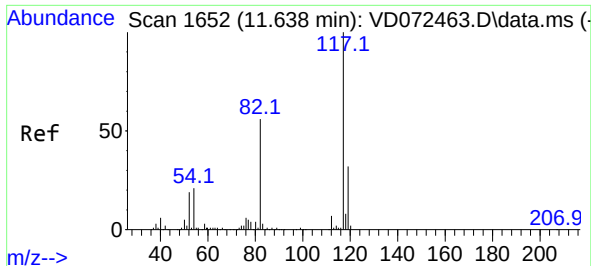
Tgt Ion: 98 Resp: 44849
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.896 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072609.D
Acq: 18 Apr 2022 20:41

Tgt Ion: 95 Resp: 16313
Ion Ratio Lower Upper
95 100
174 80.7 0.0 152.8
176 76.3 0.0 145.4

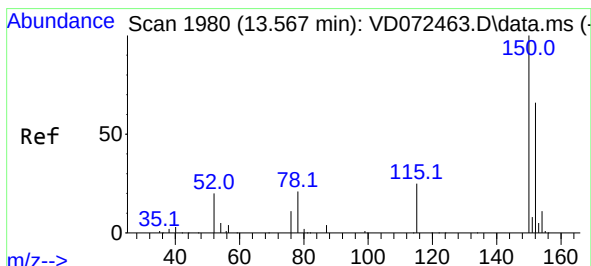
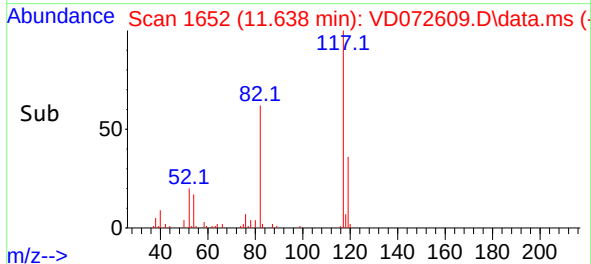
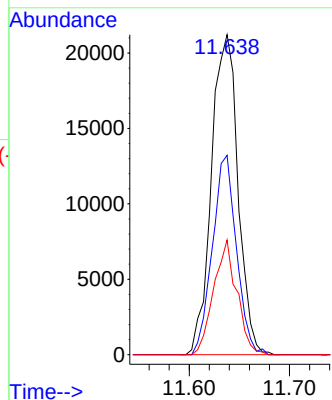
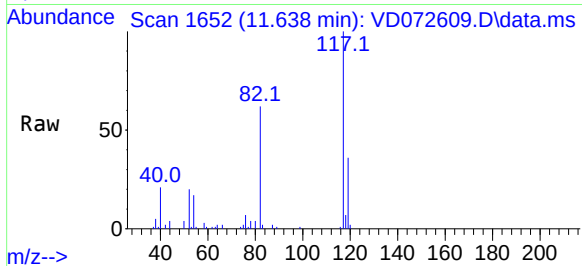




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072609.D
Acq: 18 Apr 2022 20:41

Instrument :
MSVOA_D
ClientSampleId :
SB-11

Tgt Ion:	117	Resp:	39043
Ion	Ratio	Lower	Upper
117	100		
82	62.3	45.3	67.9
119	35.9	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: VD072609.D
Acq: 18 Apr 2022 20:41

Tgt Ion:	152	Resp:	17483
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.3	93.8
150	161.0	0.0	348.6

