

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072797.D
 Acq On : 04 May 2022 19:16
 Operator : VA/SY
 Sample : N2677-05
 Misc : 6.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2,7

Quant Time: May 05 01:39:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	37670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	59206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	66797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	29708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33423	68.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.700%
35) Dibromofluoromethane	7.909	113	26754	64.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.680%
50) Toluene-d8	10.332	98	74919	50.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.620	95	28921	52.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.000%

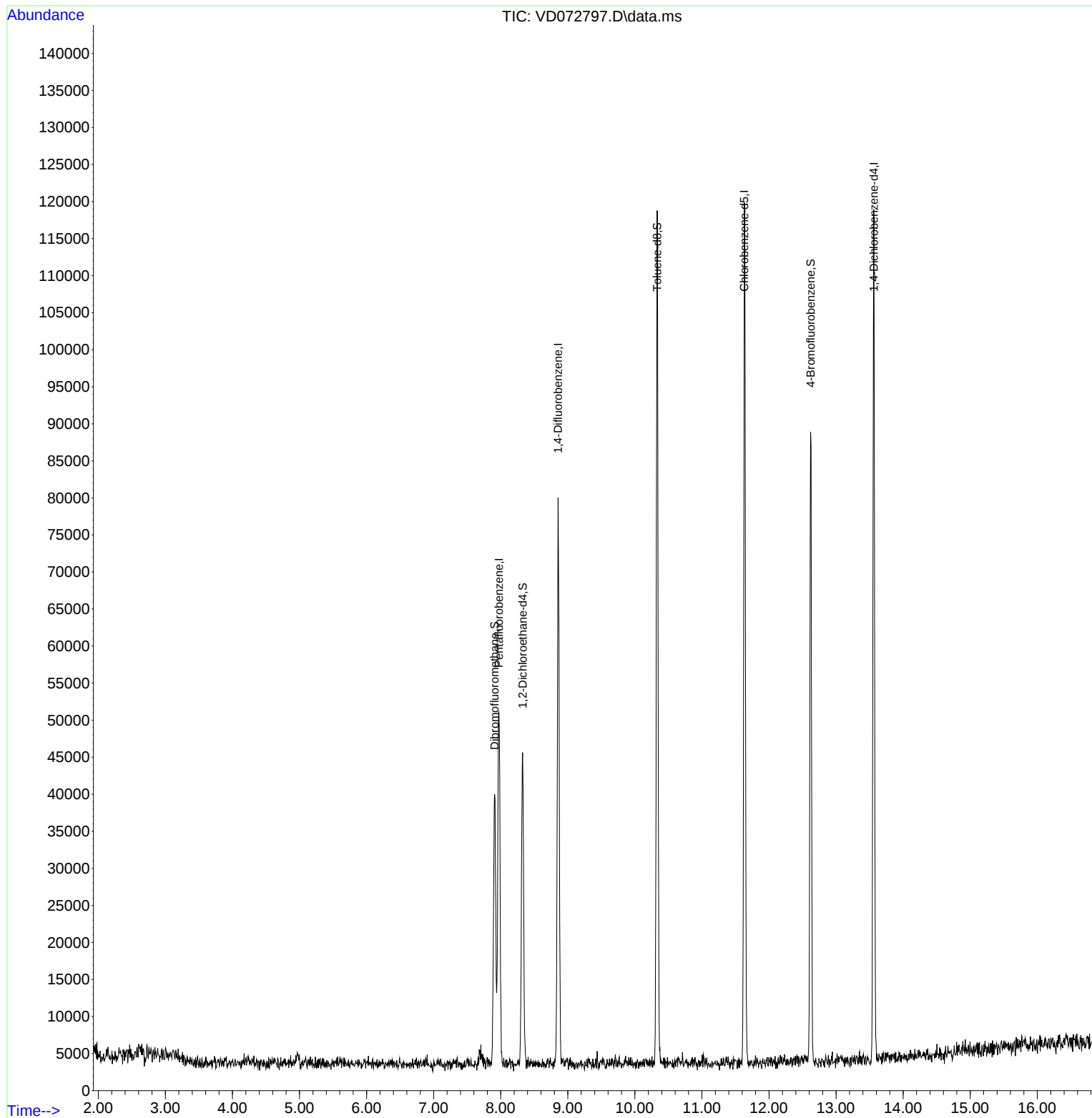
Target Compounds	Qvalue

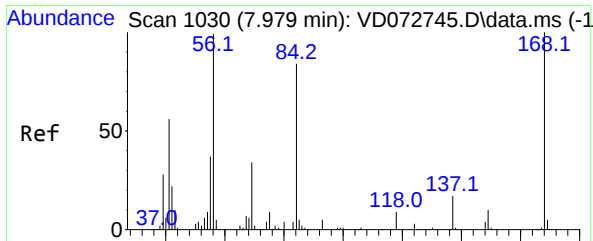
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072797.D

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Instrument :

MSVOA_D

ClientSampleId :

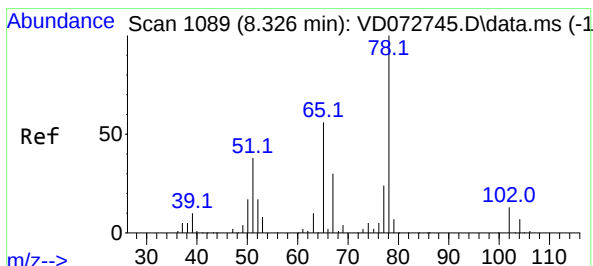
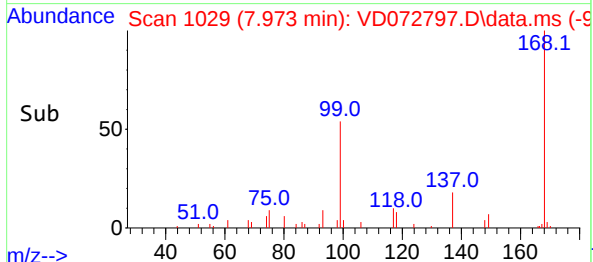
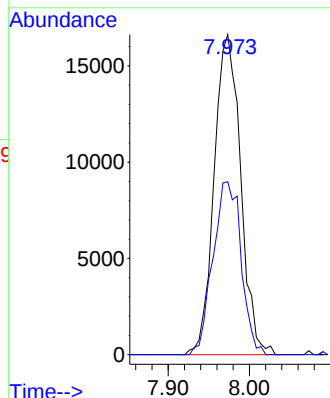
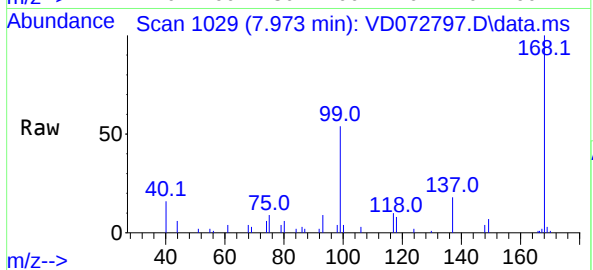
SB-2,7

Tgt Ion:168 Resp: 37670

Ion Ratio Lower Upper

168 100

99 54.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 68.352 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072797.D

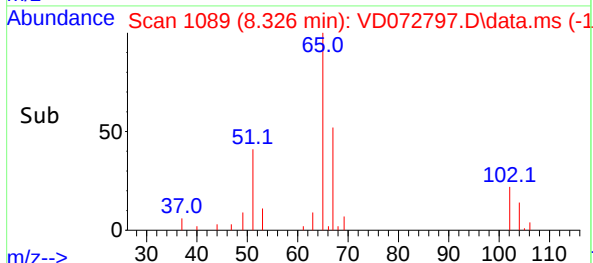
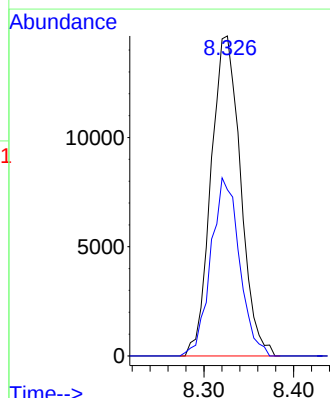
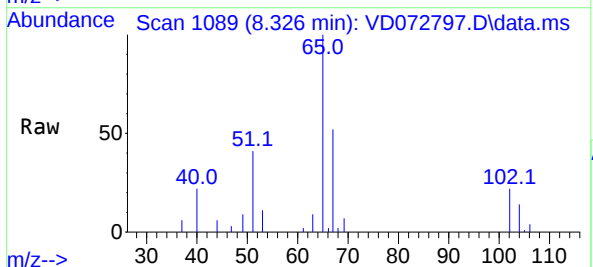
Acq: 04 May 2022 19:16

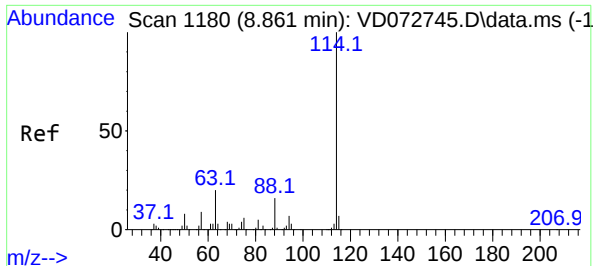
Tgt Ion: 65 Resp: 33423

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.4

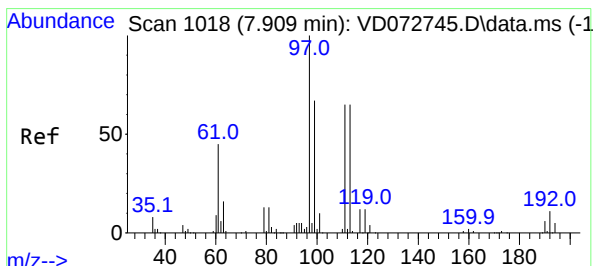
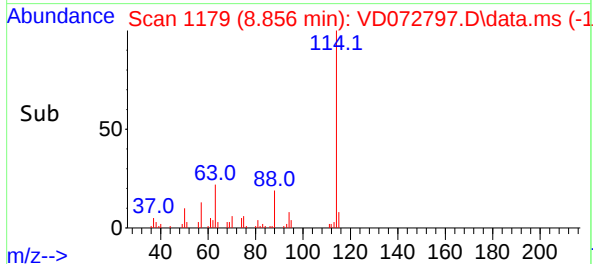
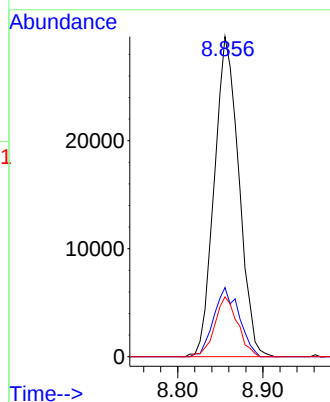
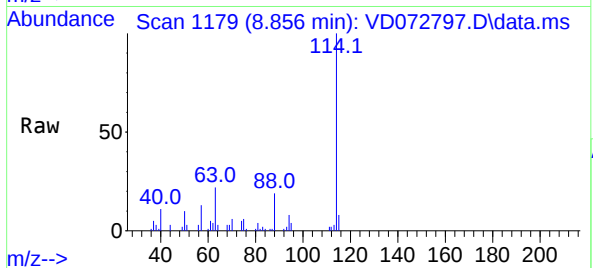




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

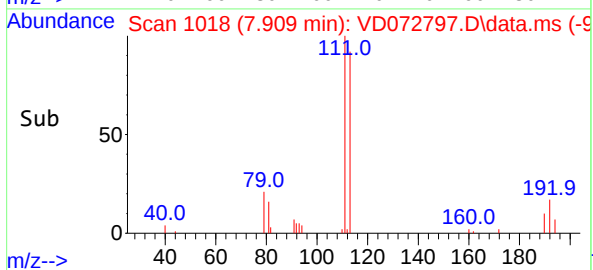
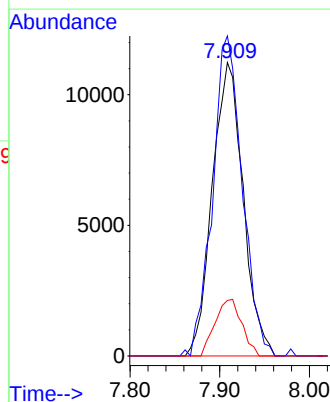
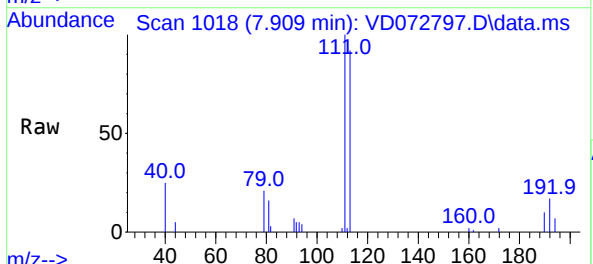
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SB-2,7

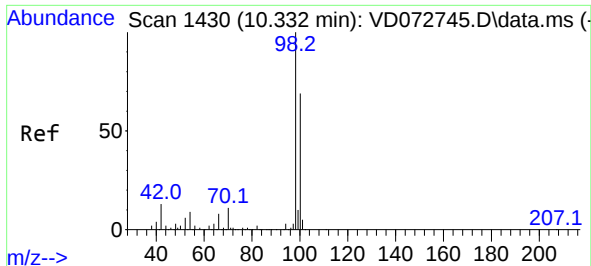
Tgt Ion:	114	Resp:	59206
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	46.6
88	18.7	0.0	33.2



#35
Dibromofluoromethane
Concen: 64.342 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Tgt Ion:	113	Resp:	26754
Ion Ratio	Lower	Upper	
113	100		
111	105.0	83.8	125.6
192	16.7	14.6	21.8

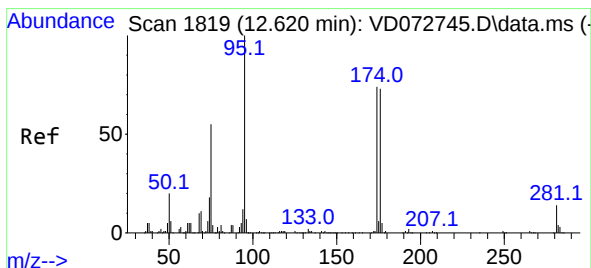
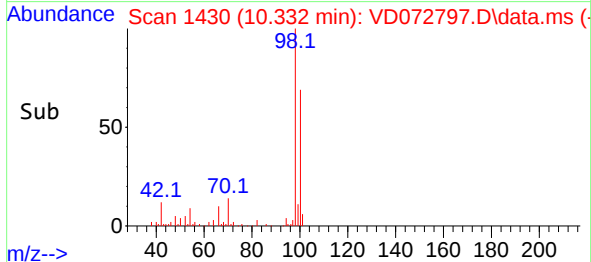
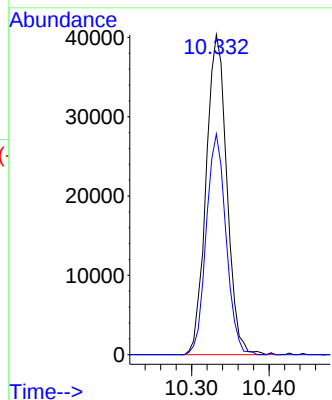
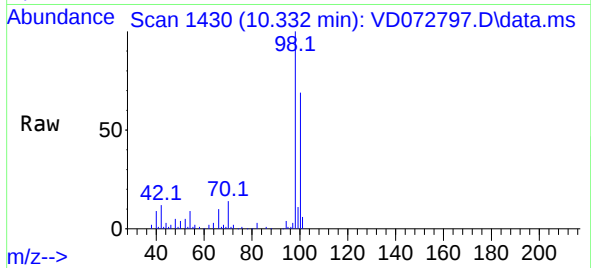




#50
Toluene-d8
Concen: 50.229 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

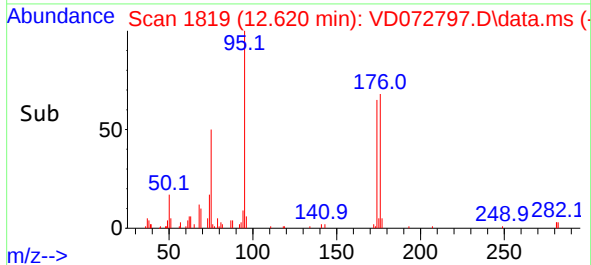
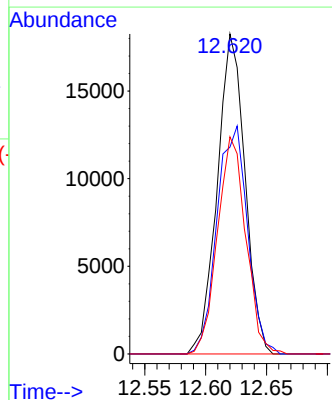
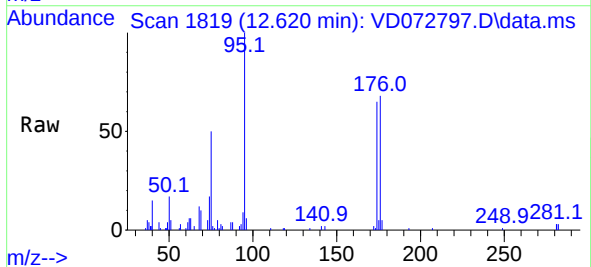
Instrument :
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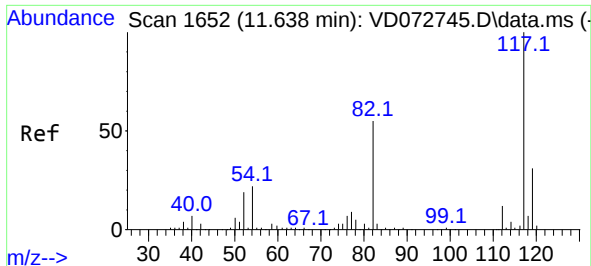
Tgt Ion: 98 Resp: 74919
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.001 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Tgt Ion: 95 Resp: 28921
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 69.4 0.0 145.4

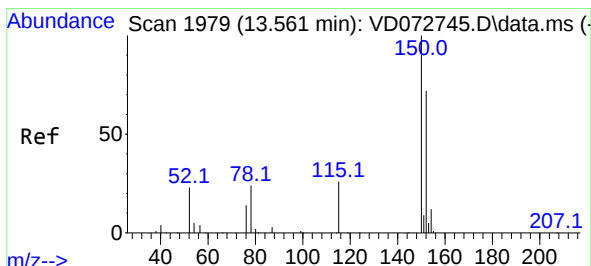
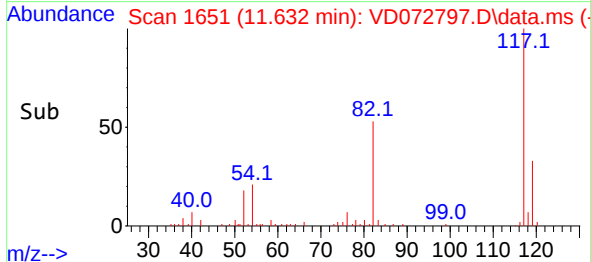
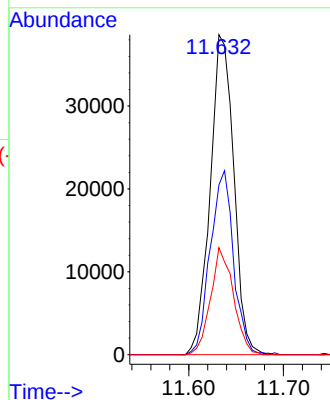
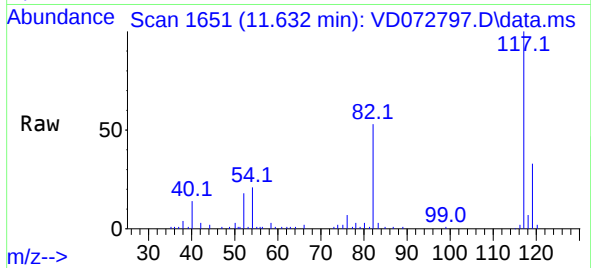




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :
SB-2,7

Tgt Ion:117 Resp: 66797
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 33.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072797.D
Acq: 04 May 2022 19:16

Tgt Ion:152 Resp: 29708
Ion Ratio Lower Upper
152 100
115 64.6 31.3 93.8
150 159.2 0.0 348.6

