

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072837.D
 Acq On : 06 May 2022 05:35
 Operator : VA/SY
 Sample : N2680-10
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B5-5-7

Quant Time: May 06 06:31:13 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	7.967	168	1632	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	4641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	4620	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	1564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2532	119.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	239.040%#
35) Dibromofluoromethane	7.908	113	2321	71.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.420%
50) Toluene-d8	10.332	98	5425	46.400	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.800%
62) 4-Bromofluorobenzene	12.626	95	1537	35.256	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.520%

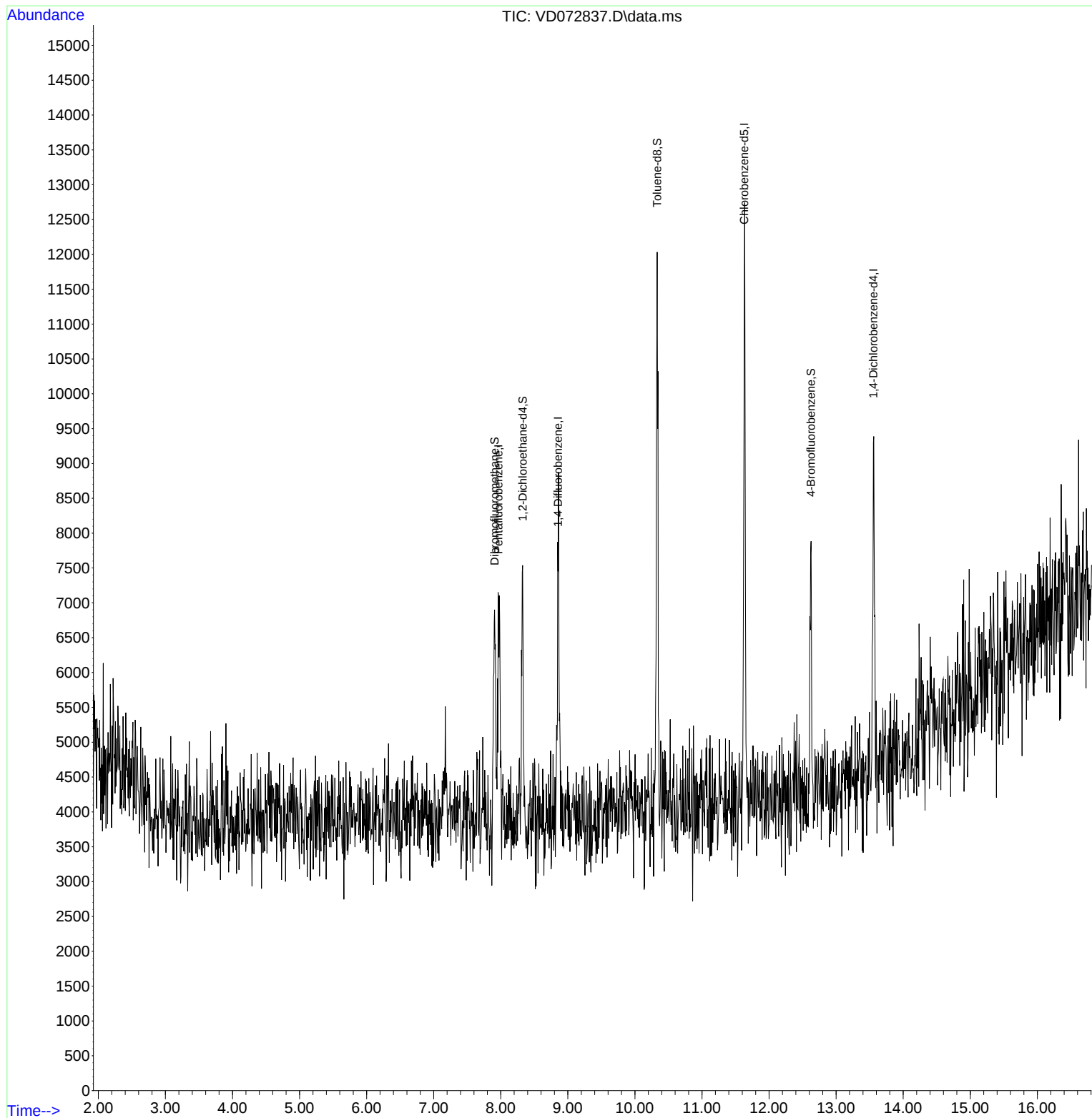
Target Compounds	Qvalue

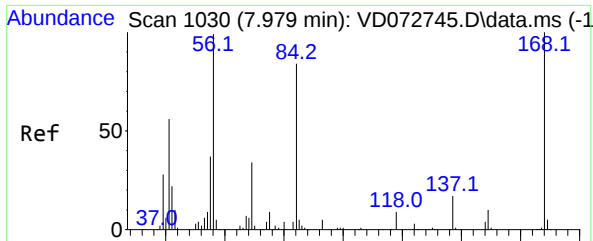
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD072837.D

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Instrument :

MSVOA_D

ClientSampleId :

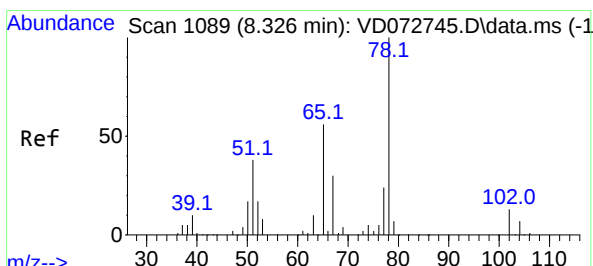
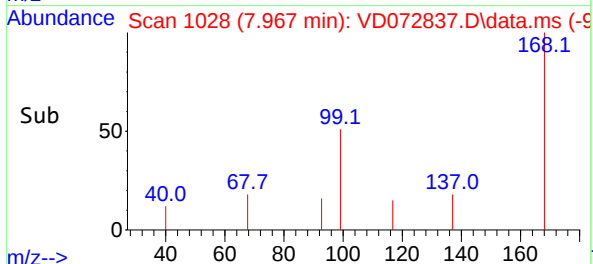
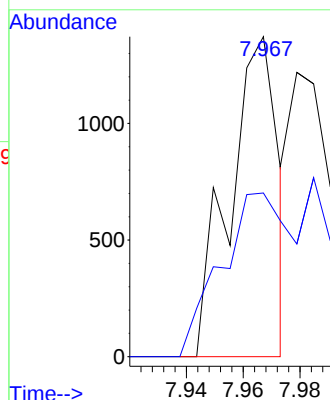
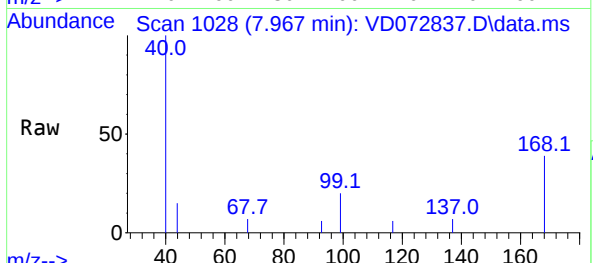
B5-5-7

Tgt Ion:168 Resp: 1632

Ion Ratio Lower Upper

168 100

99 51.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 119.521 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072837.D

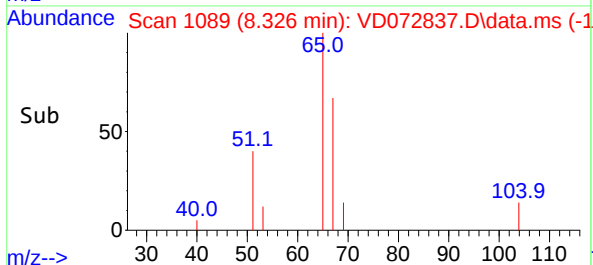
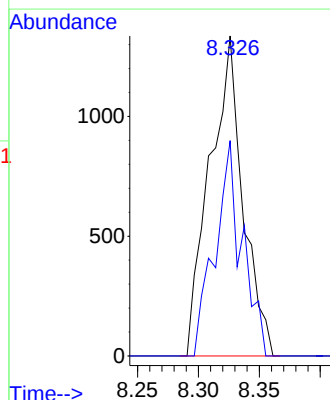
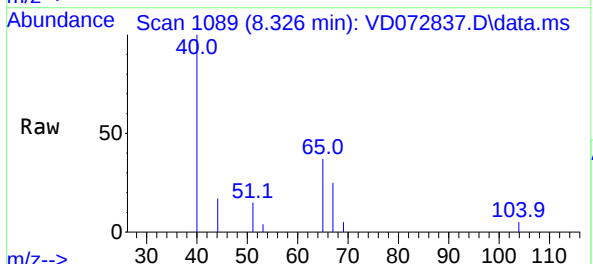
Acq: 06 May 2022 05:35

Tgt Ion: 65 Resp: 2532

Ion Ratio Lower Upper

65 100

67 55.0 0.0 101.4

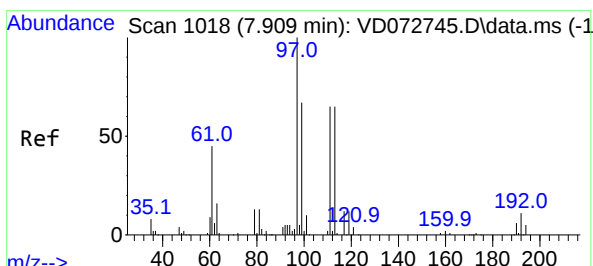
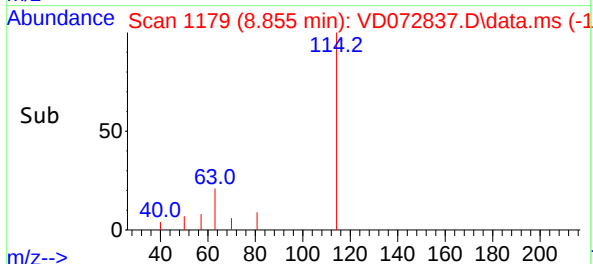
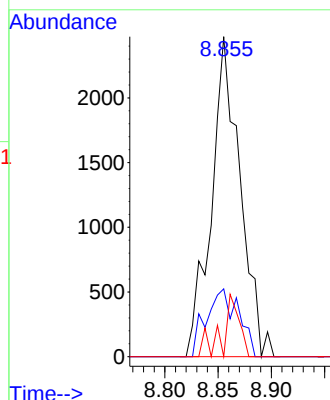
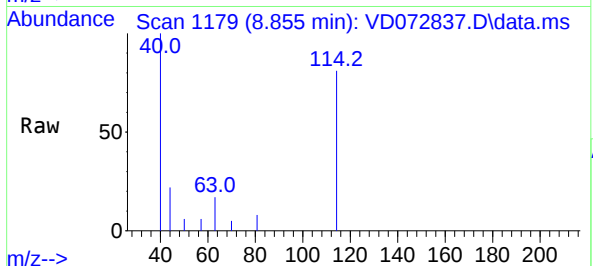




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072837.D
Acq: 06 May 2022 05:35

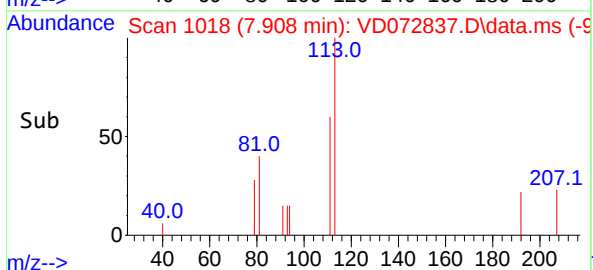
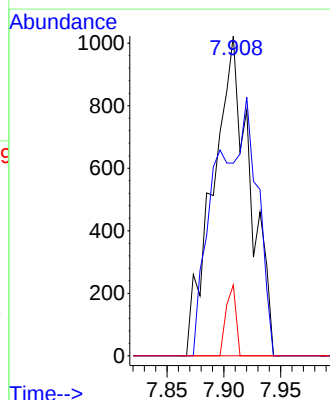
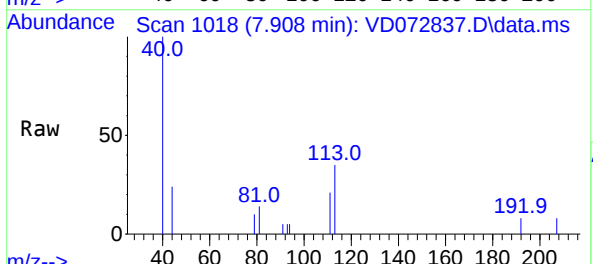
Instrument :
MSVOA_D
ClientSampleId :
B5-5-7

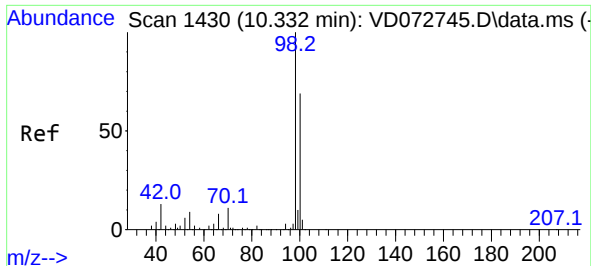
Tgt Ion:	114	Resp:	4641
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	46.6
88	0.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 71.209 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072837.D
Acq: 06 May 2022 05:35

Tgt Ion:	113	Resp:	2321
Ion Ratio	Lower	Upper	
113	100		
111	47.9	83.8	125.6#
192	5.9	14.6	21.8#

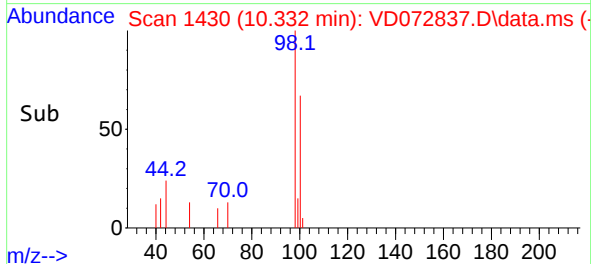
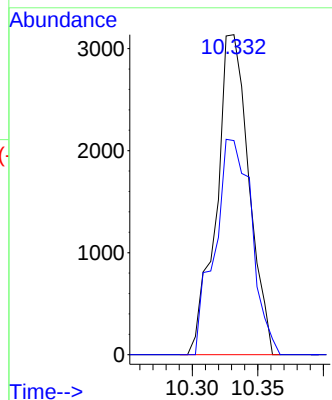
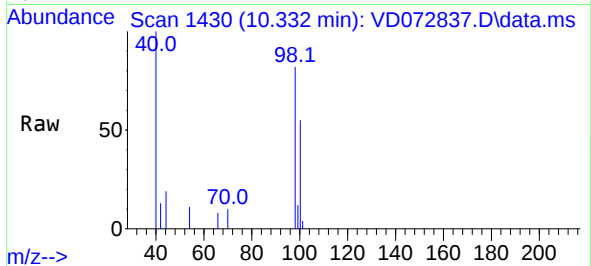




#50
Toluene-d8
Concen: 46.400 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072837.D
Acq: 06 May 2022 05:35

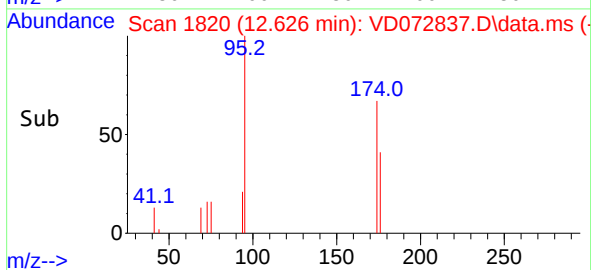
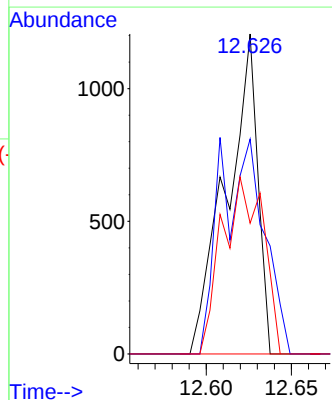
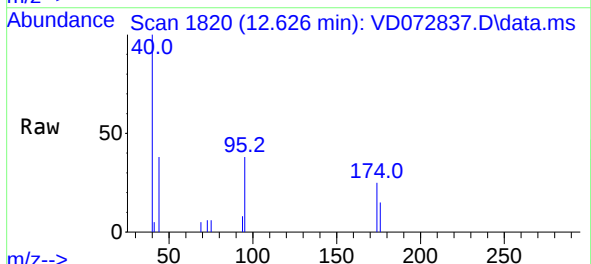
Instrument :
MSVOA_D
ClientSampleId :
B5-5-7

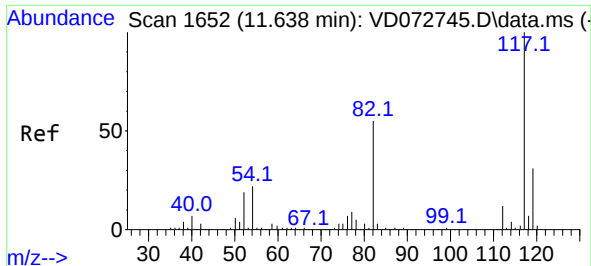
Tgt Ion: 98 Resp: 5425
Ion Ratio Lower Upper
98 100
100 76.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 35.256 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072837.D
Acq: 06 May 2022 05:35

Tgt Ion: 95 Resp: 1537
Ion Ratio Lower Upper
95 100
174 93.4 0.0 152.8
176 72.7 0.0 145.4

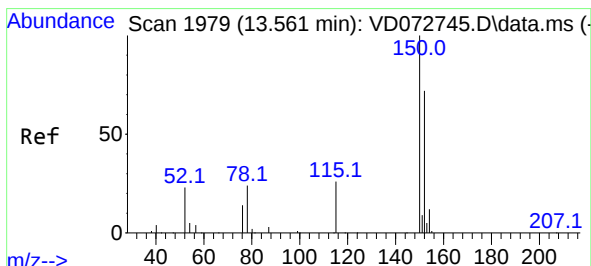
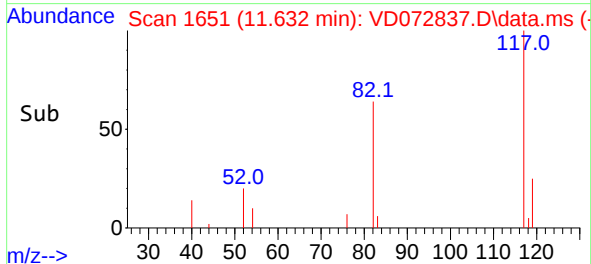
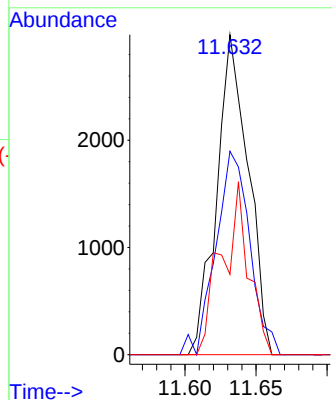
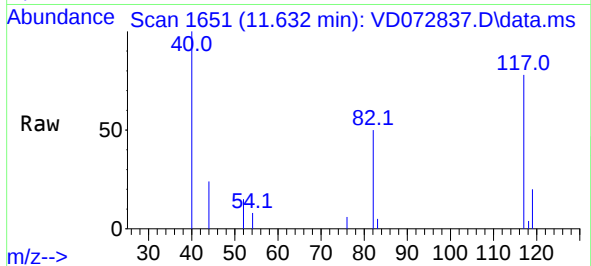




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072837.D
Acq: 06 May 2022 05:35

Instrument :
MSVOA_D
ClientSampleId :
B5-5-7

Tgt Ion:117 Resp: 4620
Ion Ratio Lower Upper
117 100
82 63.6 45.3 67.9
119 25.1 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD072837.D
Acq: 06 May 2022 05:35

Tgt Ion:152 Resp: 1564
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 144.9 0.0 348.6

