

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073436.D
 Acq On : 31 May 2022 20:42
 Operator : VA/SY
 Sample : N3109-06
 Misc : 4.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB-10-EPH-2

Quant Time: Jun 01 01:40:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	249526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	443121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	487371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	218420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137591	49.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.780%
35) Dibromofluoromethane	7.902	113	155619	53.221	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.440%
50) Toluene-d8	10.332	98	554162	51.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.620	95	210182	55.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.120%

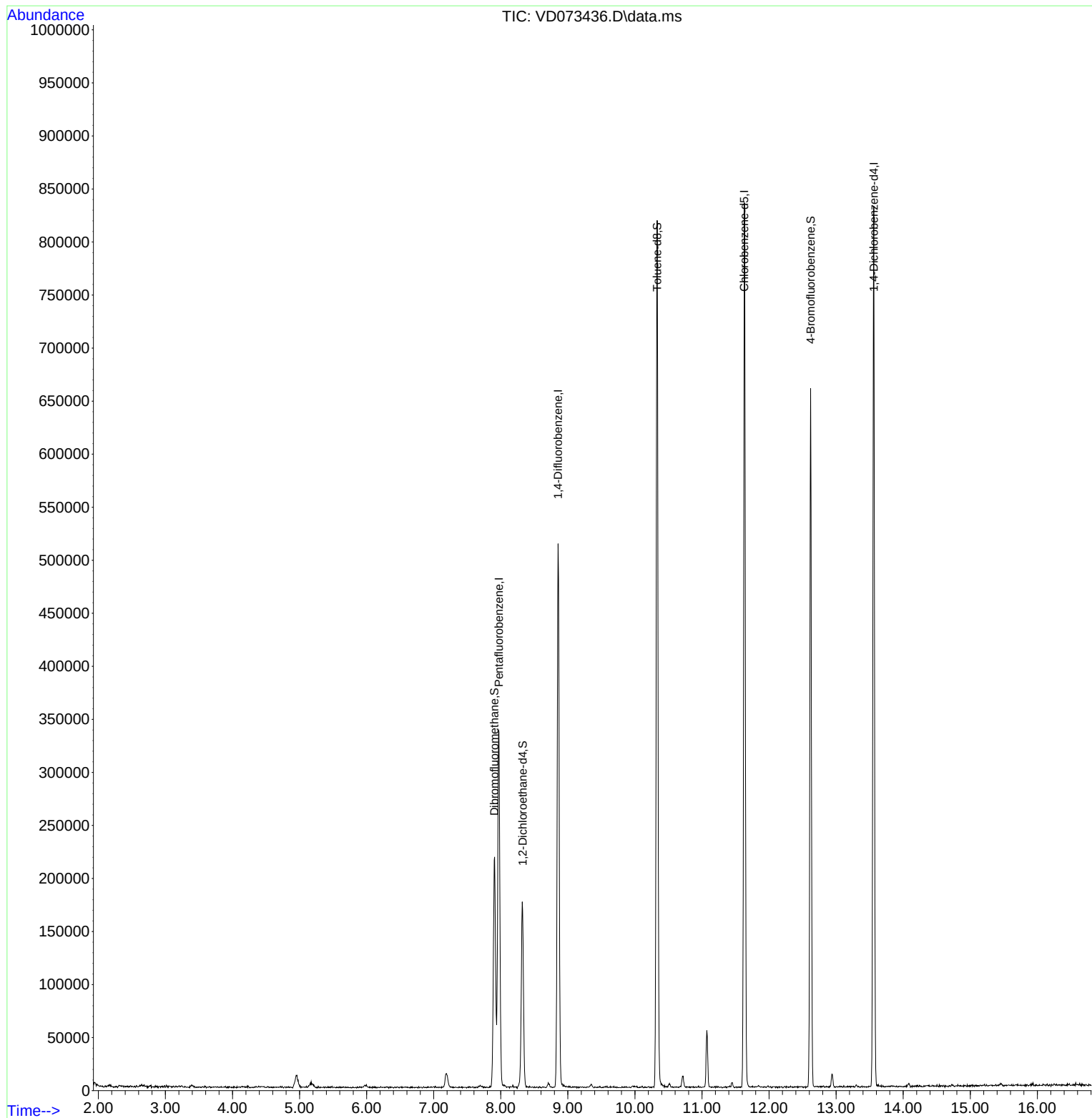
Target Compounds	Qvalue

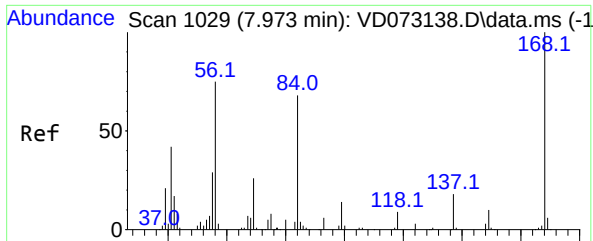
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

ClientSampleId :

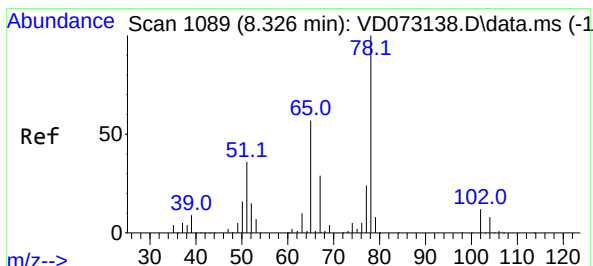
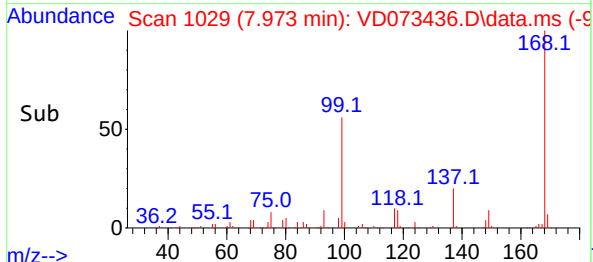
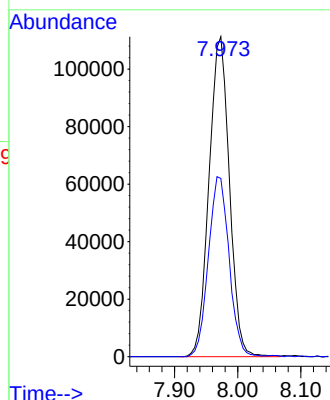
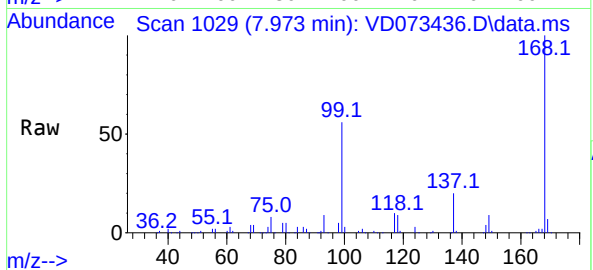
BB-10-EPH-2

Tgt Ion:168 Resp: 249526

Ion Ratio Lower Upper

168 100

99 55.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 49.895 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073436.D

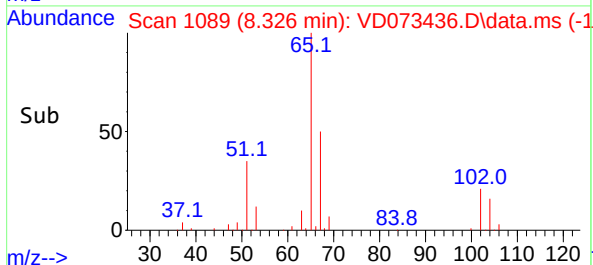
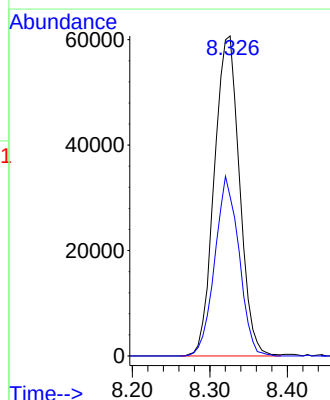
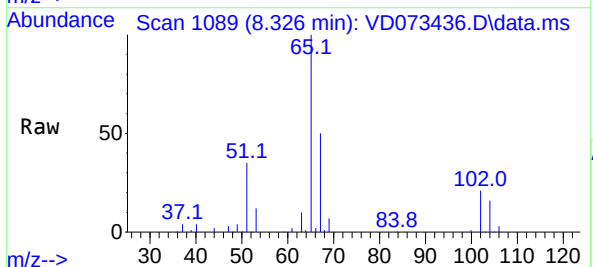
Acq: 31 May 2022 20:42

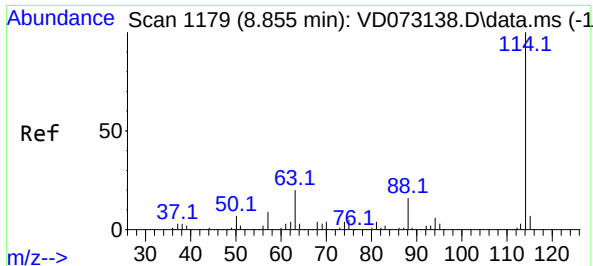
Tgt Ion: 65 Resp: 137591

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.4

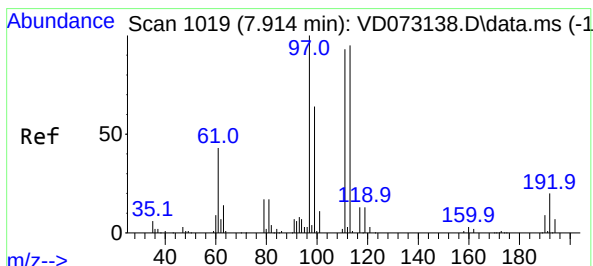
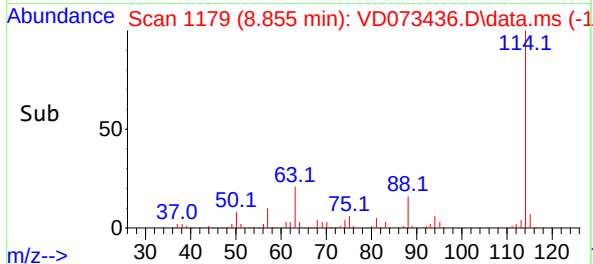
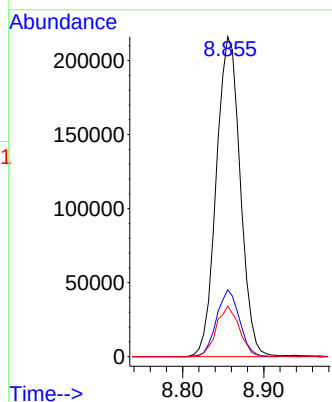
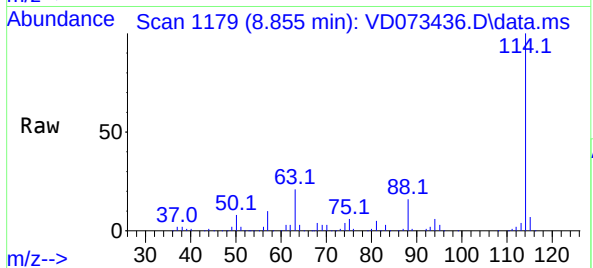




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073436.D
Acq: 31 May 2022 20:42

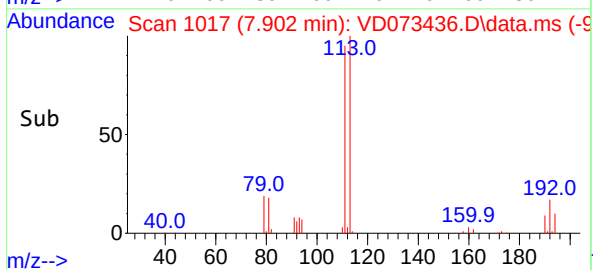
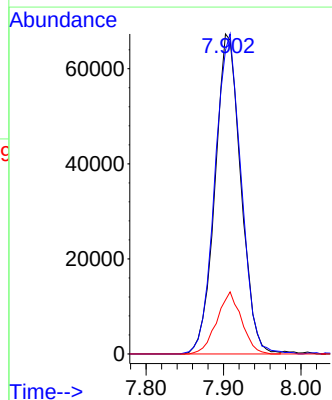
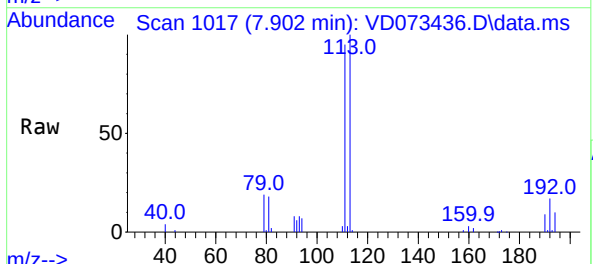
Instrument :
MSVOA_D
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BB-10-EPH-2

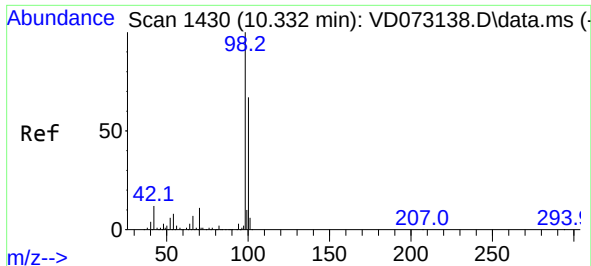
Tgt Ion:114 Resp: 443121
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.6
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.221 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD073436.D
Acq: 31 May 2022 20:42

Tgt Ion:113 Resp: 155619
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 18.6 14.6 21.8

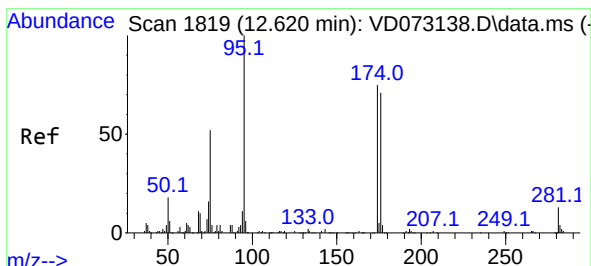
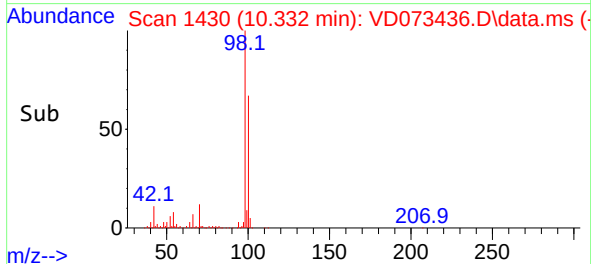
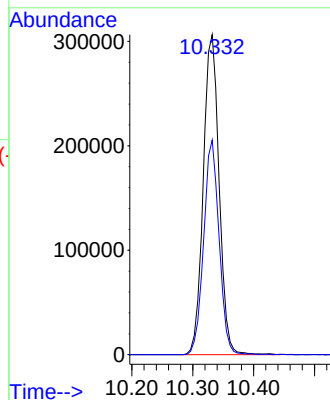
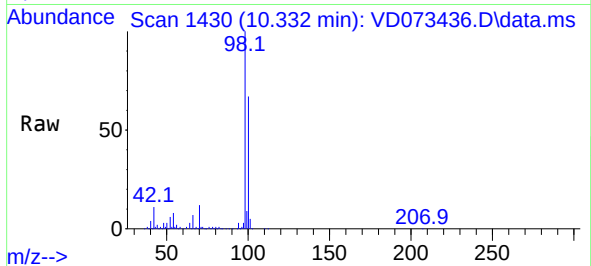




#50
Toluene-d8
Concen: 51.413 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073436.D
Acq: 31 May 2022 20:42

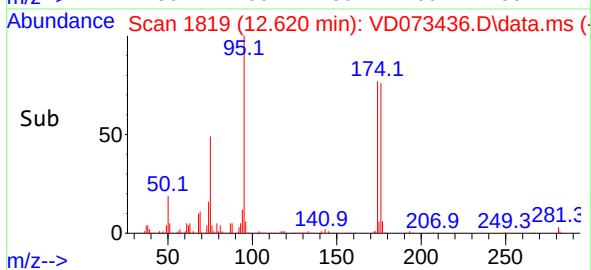
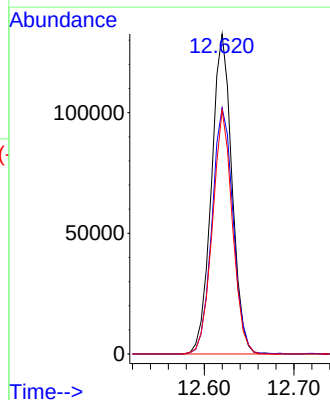
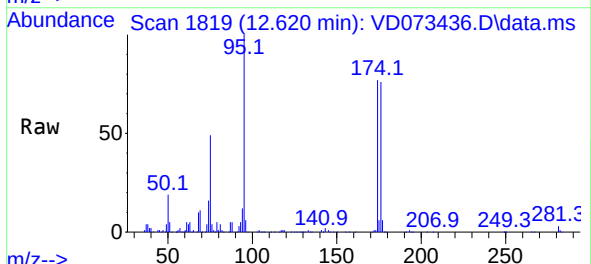
Instrument :
MSVOA_D
ClientSampleId :
BB-10-EPH-2

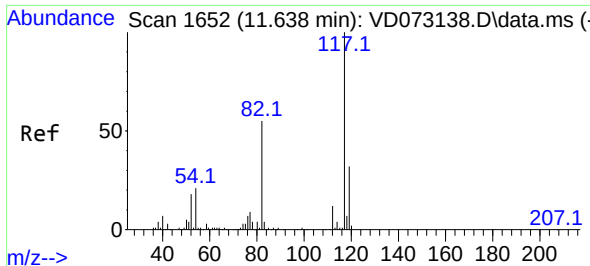
Tgt Ion: 98 Resp: 554162
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.565 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073436.D
Acq: 31 May 2022 20:42

Tgt Ion: 95 Resp: 210182
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 74.2 0.0 145.4

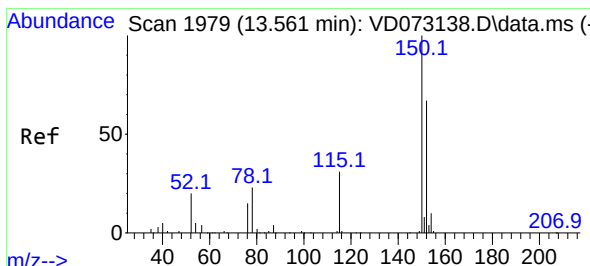
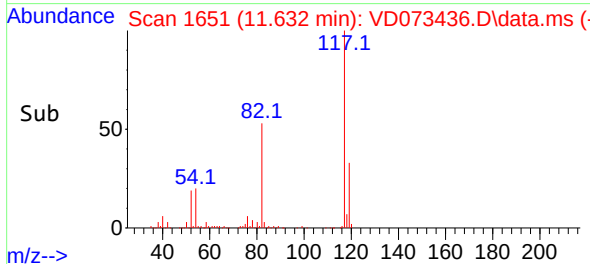
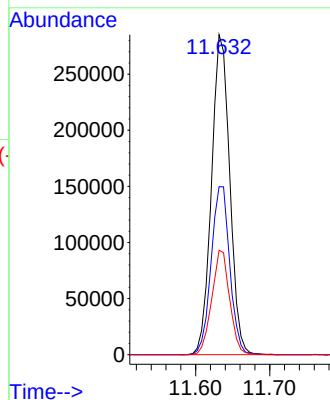
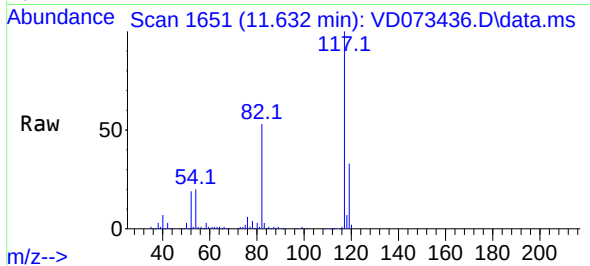




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073436.D
Acq: 31 May 2022 20:42

Instrument :
MSVOA_D
ClientSampleId :
BB-10-EPH-2

Tgt Ion:117 Resp: 487371
Ion Ratio Lower Upper
117 100
82 52.5 45.3 67.9
119 32.7 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: VD073436.D
Acq: 31 May 2022 20:42

Tgt Ion:152 Resp: 218420
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 158.5 0.0 348.6

