

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073433.D
 Acq On : 31 May 2022 19:11
 Operator : VA/SY
 Sample : N3109-01
 Misc : 5.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB-8

Quant Time: Jun 01 01:39:15 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	46060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	75156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	88988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	39919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	35748	70.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.460%
35) Dibromofluoromethane	7.908	113	32461	65.455	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.900%
50) Toluene-d8	10.332	98	92032	50.342	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.620	95	36572	57.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.000%

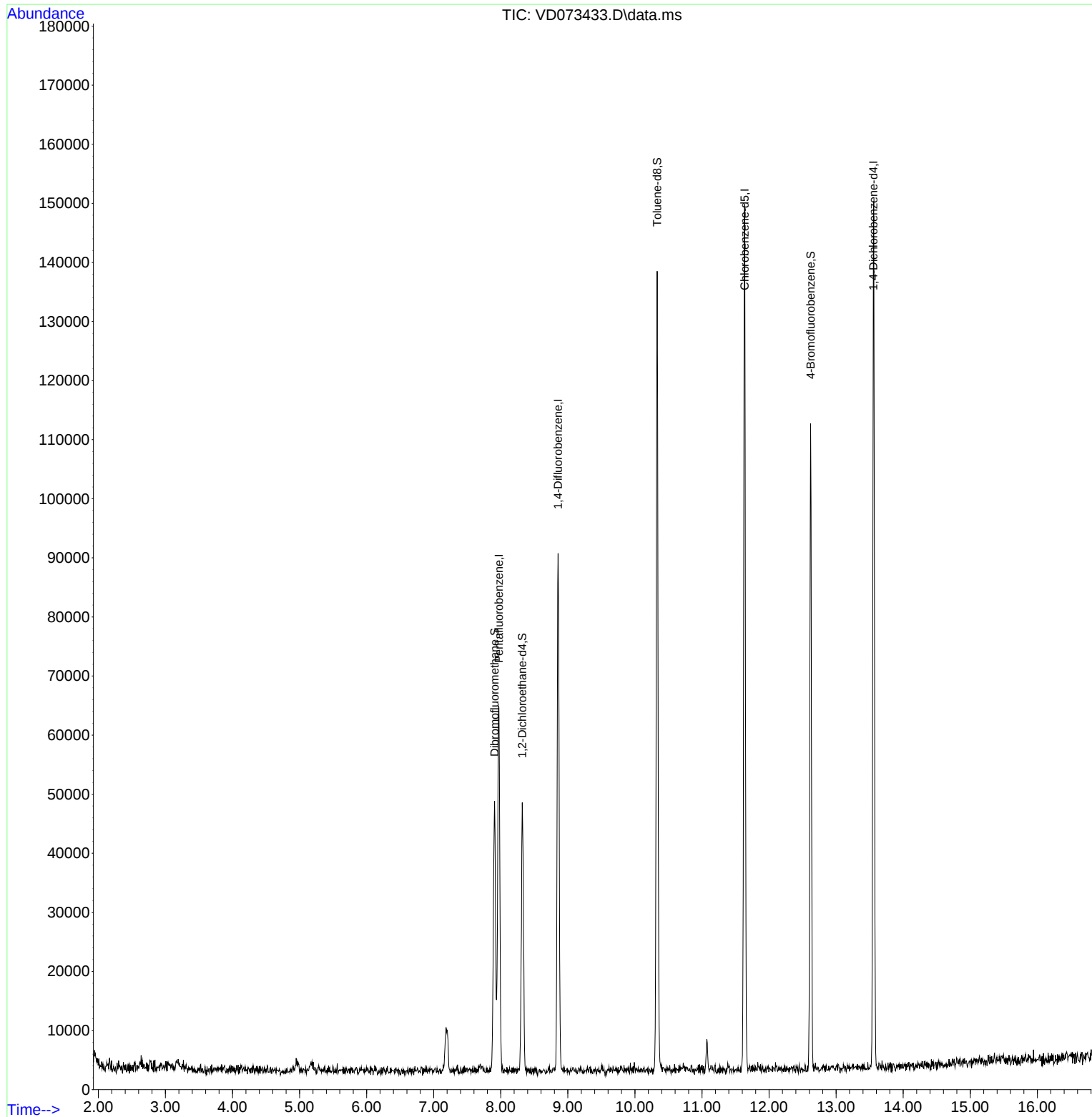
Target Compounds	Qvalue

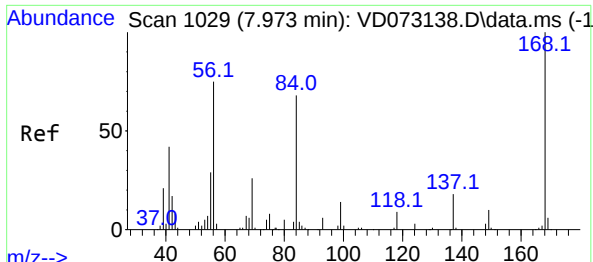
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073433.D

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Instrument :

MSVOA_D

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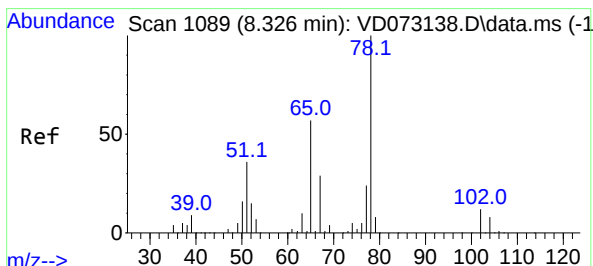
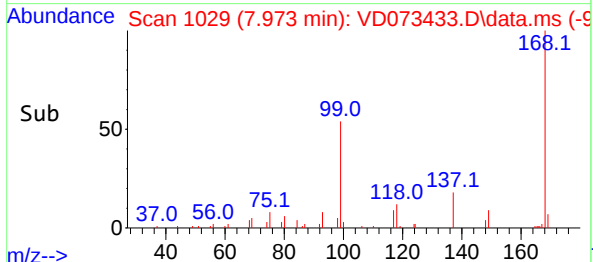
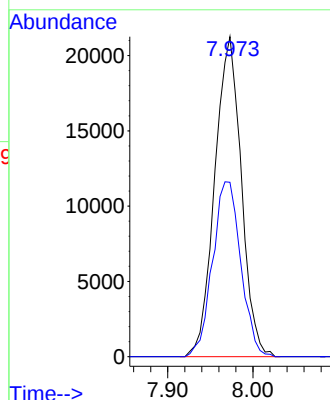
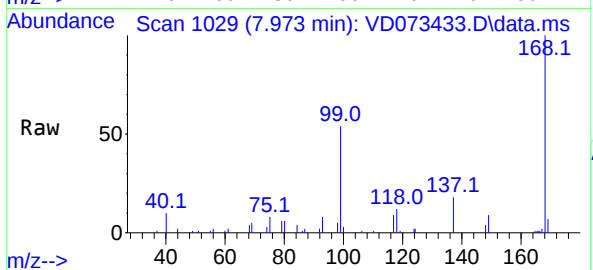
BB-8

Tgt Ion:168 Resp: 46060

Ion Ratio Lower Upper

168 100

99 54.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 70.228 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073433.D

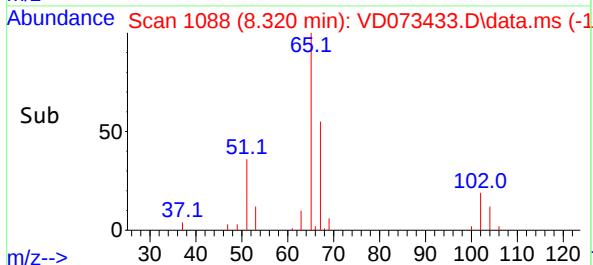
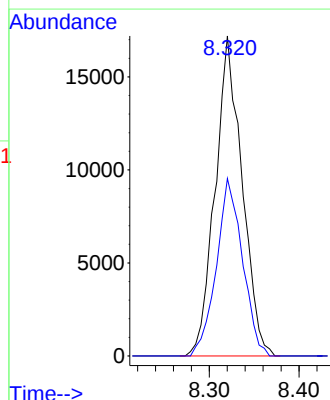
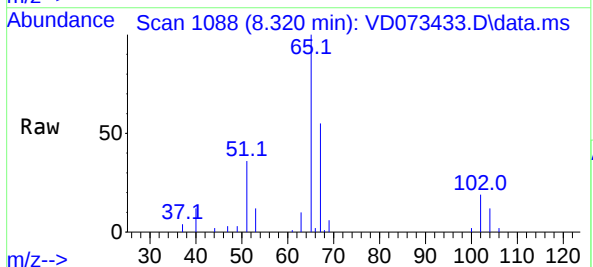
Acq: 31 May 2022 19:11

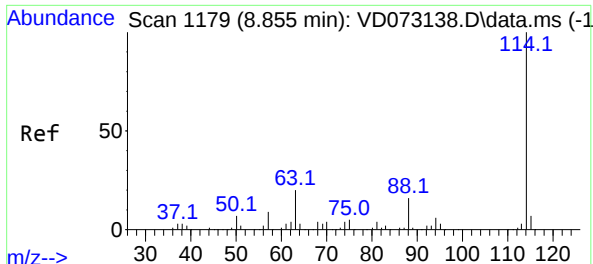
Tgt Ion: 65 Resp: 35748

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4

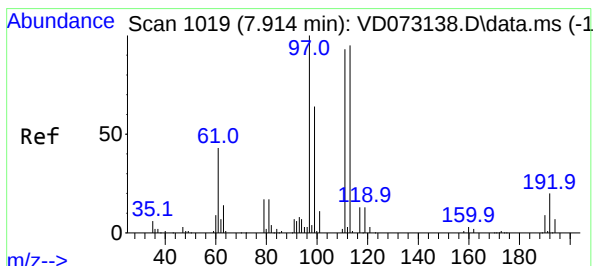
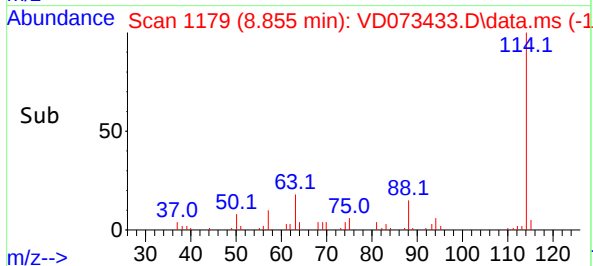
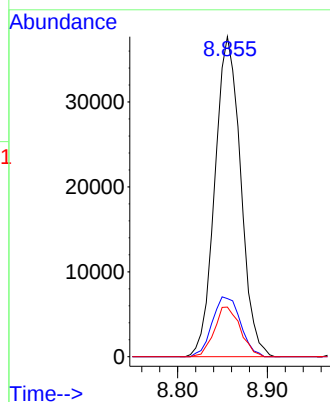
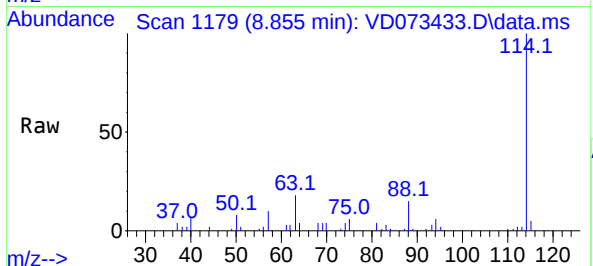




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073433.D
Acq: 31 May 2022 19:11

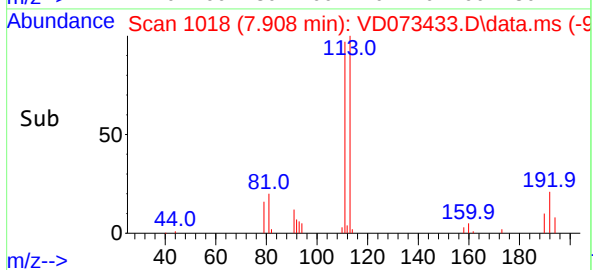
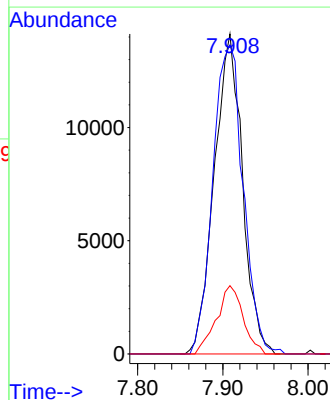
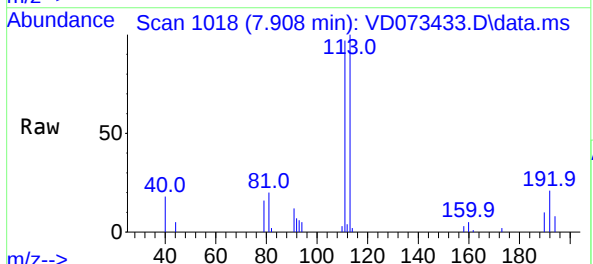
Instrument :
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BB-8

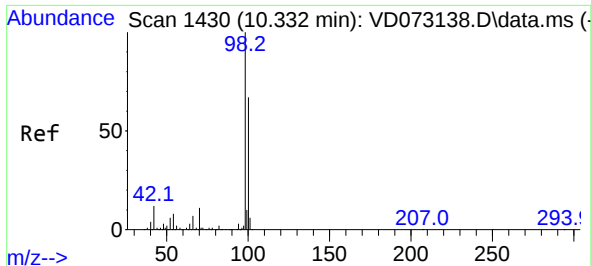
Tgt Ion:	114	Resp:	75156
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	46.6
88	15.5	0.0	33.2



#35
Dibromofluoromethane
Concen: 65.455 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073433.D
Acq: 31 May 2022 19:11

Tgt Ion:	113	Resp:	32461
Ion Ratio	Lower	Upper	
113	100		
111	104.2	83.8	125.6
192	20.2	14.6	21.8

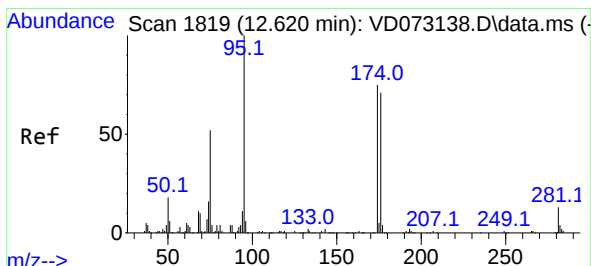
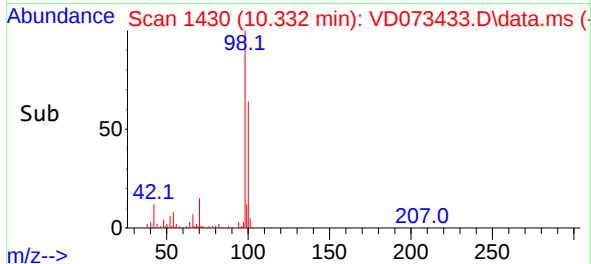
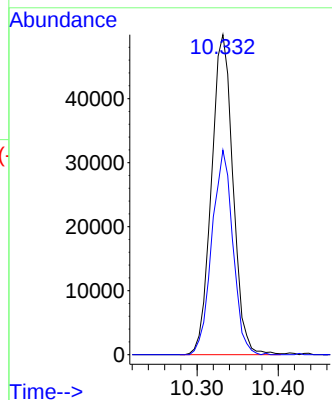
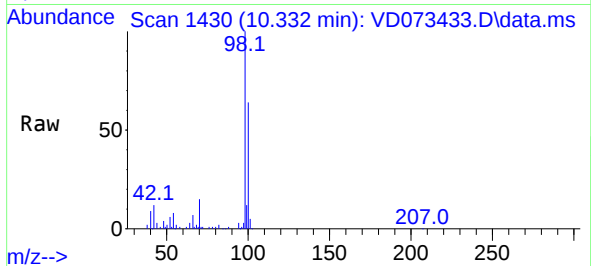




#50
Toluene-d8
Concen: 50.342 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073433.D
Acq: 31 May 2022 19:11

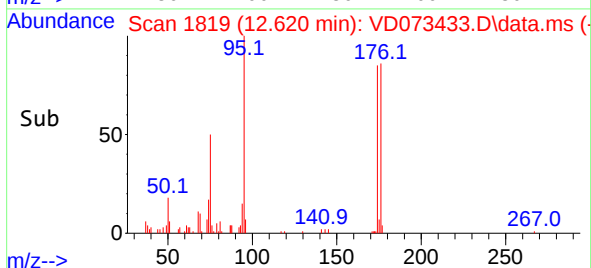
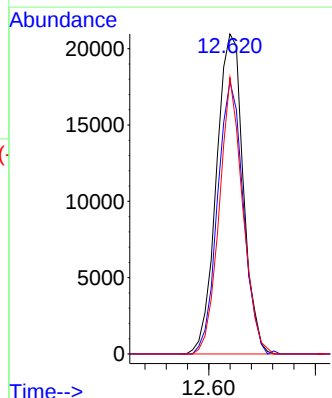
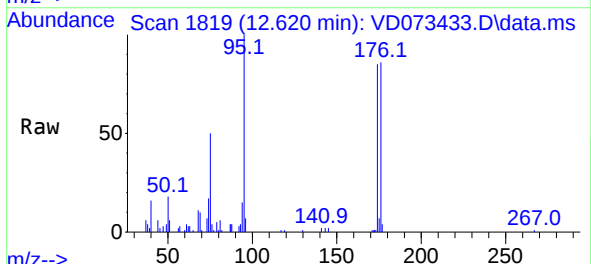
Instrument :
MSVOA_D
ClientSampleId :
BB-8

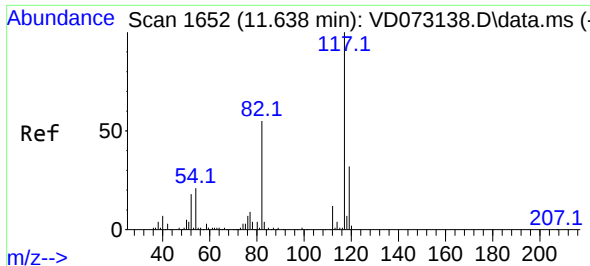
Tgt Ion: 98 Resp: 92032
Ion Ratio Lower Upper
98 100
100 62.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.005 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073433.D
Acq: 31 May 2022 19:11

Tgt Ion: 95 Resp: 36572
Ion Ratio Lower Upper
95 100
174 81.6 0.0 152.8
176 75.6 0.0 145.4

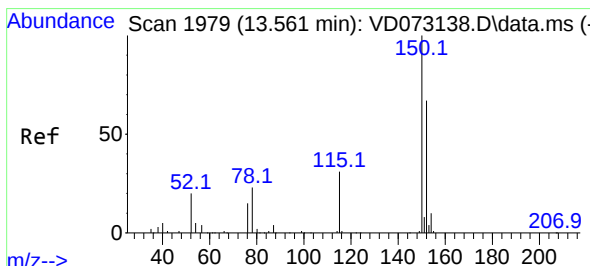
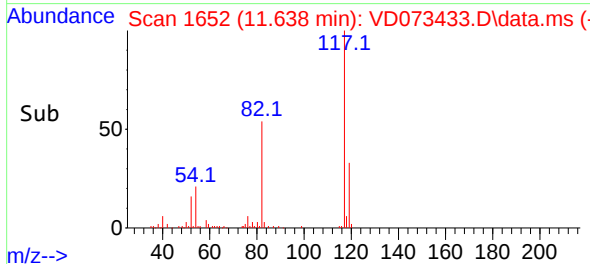
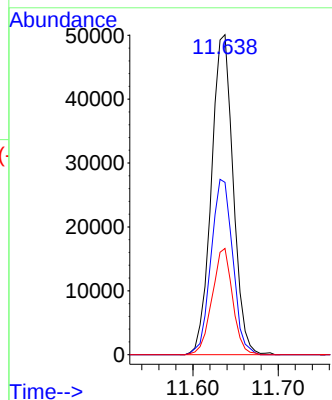
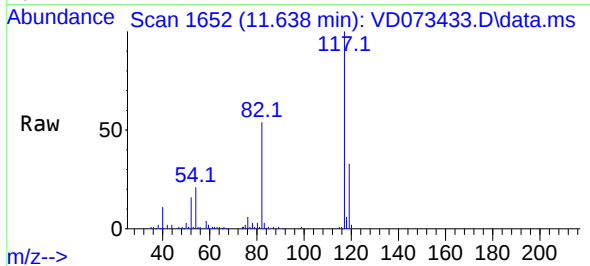




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073433.D
Acq: 31 May 2022 19:11

Instrument :
MSVOA_D
ClientSampleId :
BB-8

Tgt Ion:	117	Resp:	88988
Ion Ratio	Lower	Upper	
117	100		
82	53.9	45.3	67.9
119	33.2	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: VD073433.D
Acq: 31 May 2022 19:11

Tgt Ion:	152	Resp:	39919
Ion Ratio	Lower	Upper	
152	100		
115	60.0	31.3	93.8
150	157.8	0.0	348.6

