

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073453.D
 Acq On : 01 Jun 2022 17:45
 Operator : VA/SY
 Sample : N3109-03
 Misc : 4.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB-9

Quant Time: Jun 02 08:52:07 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	7.967	168	245846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	449841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	498792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	141700	52.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.300%
35) Dibromofluoromethane	7.908	113	157804	53.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.320%
50) Toluene-d8	10.332	98	564685	51.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.620	95	220851	57.513	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.020%

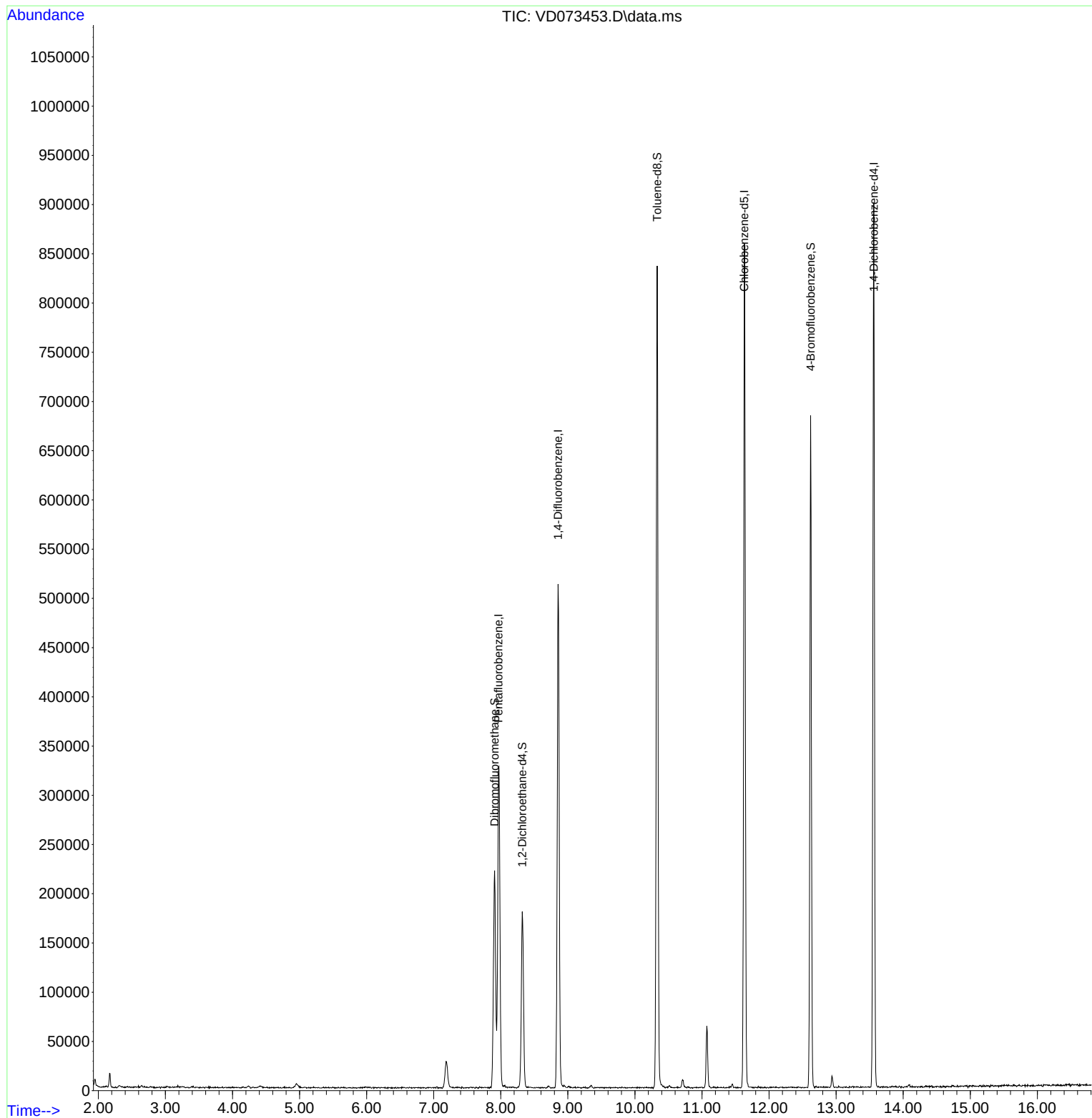
Target Compounds	Qvalue

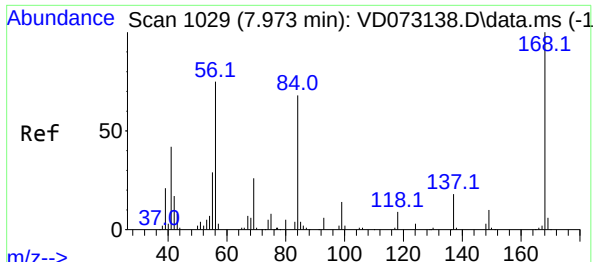
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.006 min

Lab File: VD073453.D

Acq: 01 Jun 2022 17:45

Instrument :

MSVOA_D

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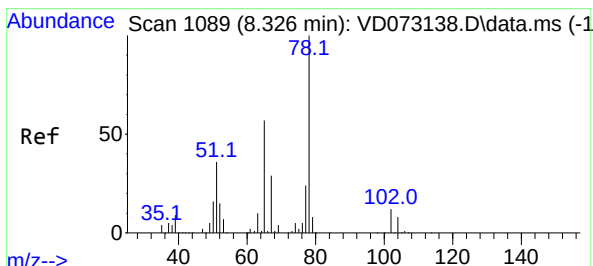
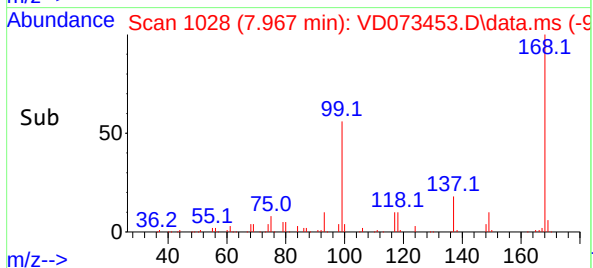
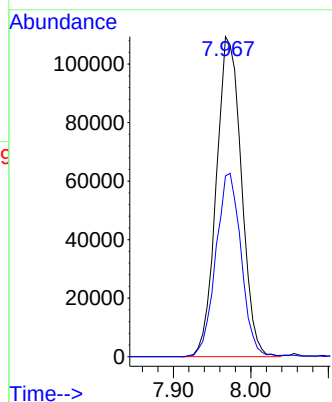
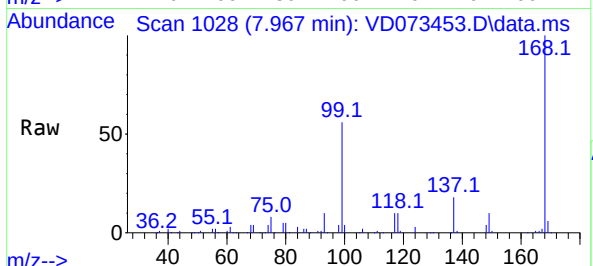
BB-9

Tgt Ion:168 Resp: 245846

Ion Ratio Lower Upper

168 100

99 56.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 52.154 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073453.D

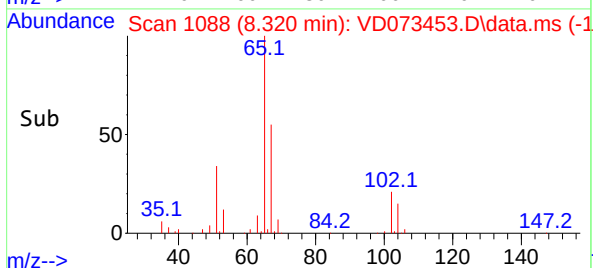
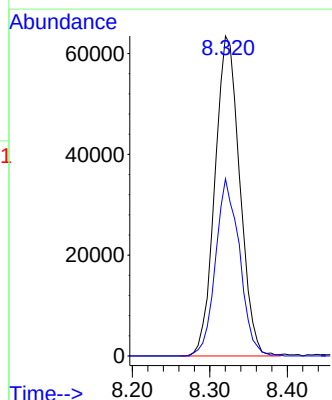
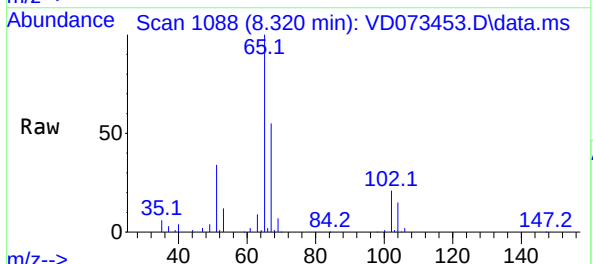
Acq: 01 Jun 2022 17:45

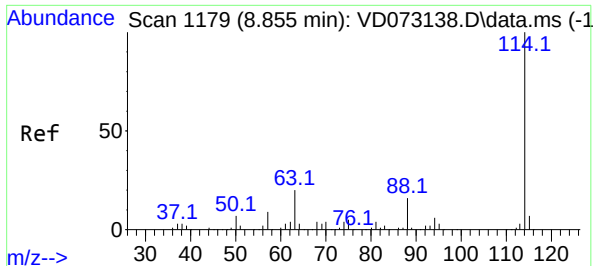
Tgt Ion: 65 Resp: 141700

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4

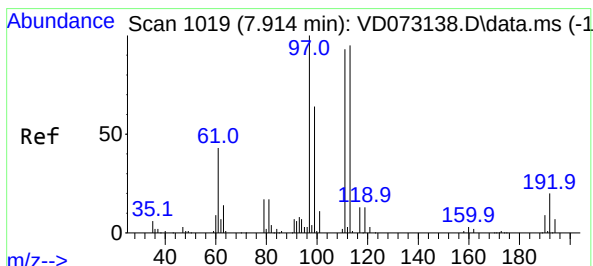
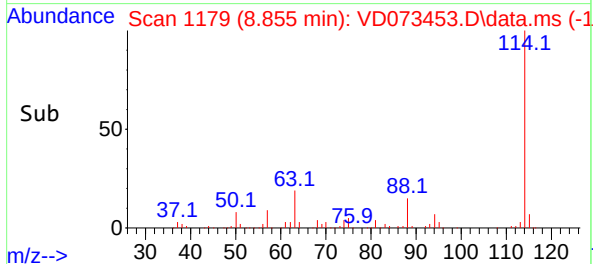
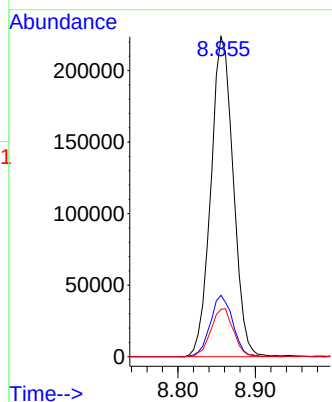
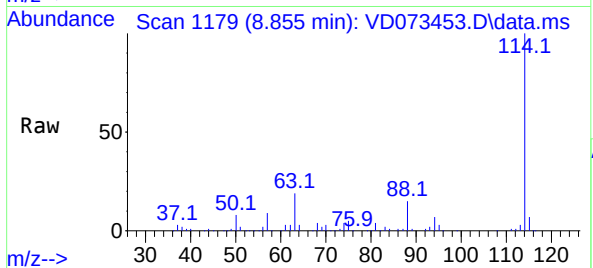




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073453.D
Acq: 01 Jun 2022 17:45

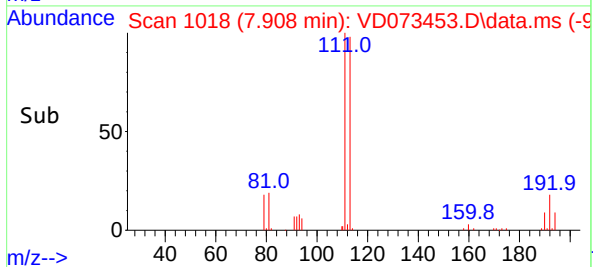
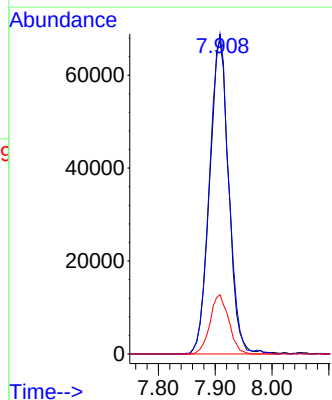
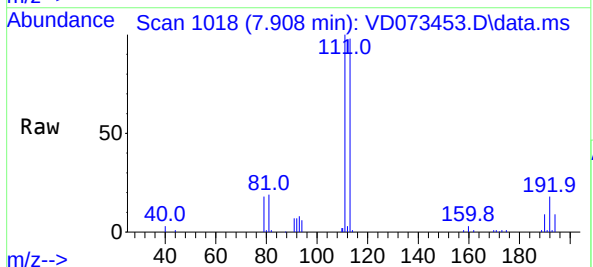
Instrument :
MSVOA_D
ClientSampleId :
BB-9

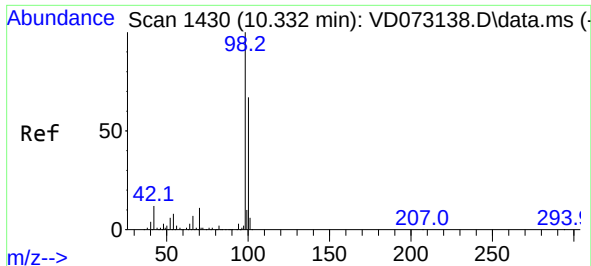
Tgt Ion:114 Resp: 449841
Ion Ratio Lower Upper
114 100
63 19.2 0.0 46.6
88 14.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.162 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073453.D
Acq: 01 Jun 2022 17:45

Tgt Ion:113 Resp: 157804
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 18.4 14.6 21.8

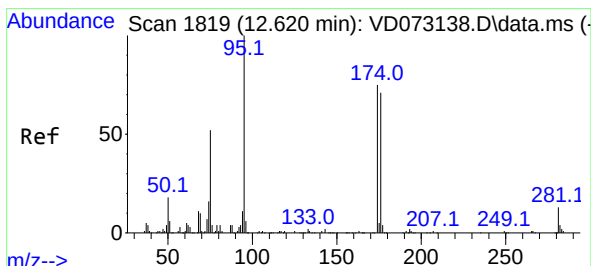
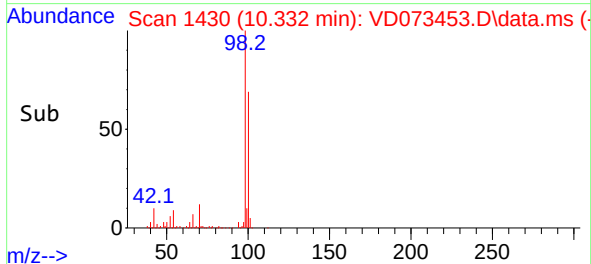
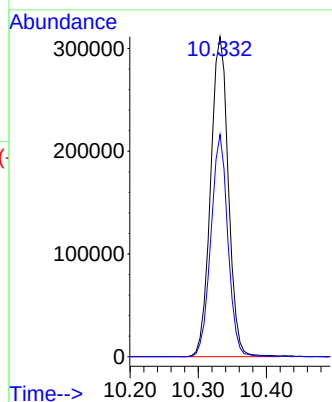
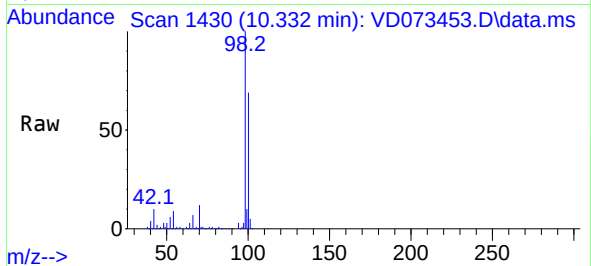




#50
Toluene-d8
Concen: 51.607 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073453.D
Acq: 01 Jun 2022 17:45

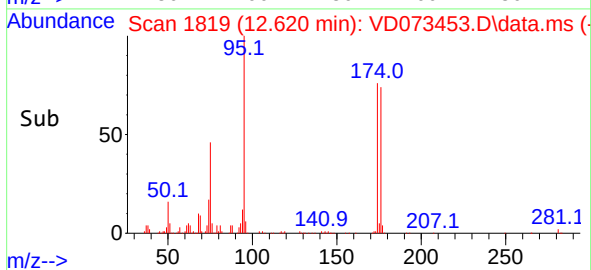
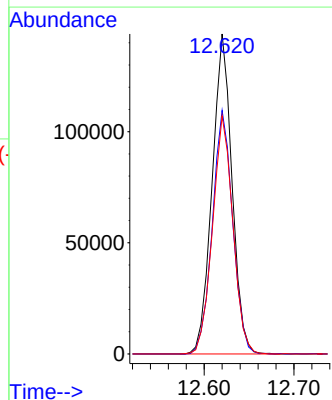
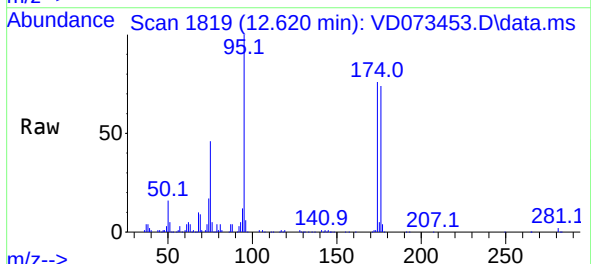
Instrument :
MSVOA_D
ClientSampleId :
BB-9

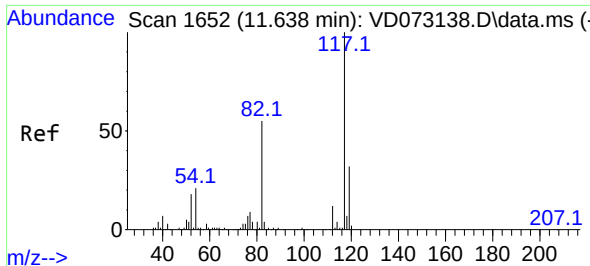
Tgt Ion: 98 Resp: 564685
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.513 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073453.D
Acq: 01 Jun 2022 17:45

Tgt Ion: 95 Resp: 220851
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 76.3 0.0 145.4

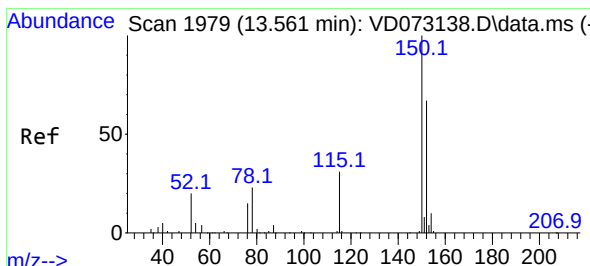
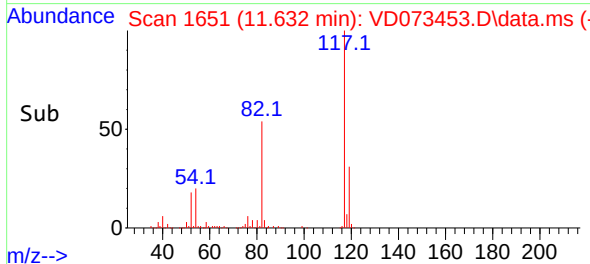
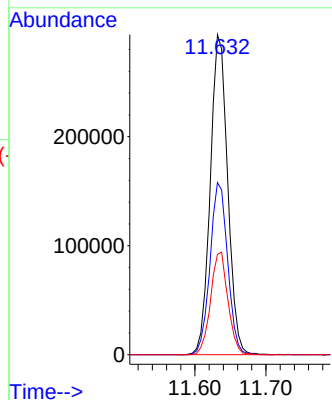
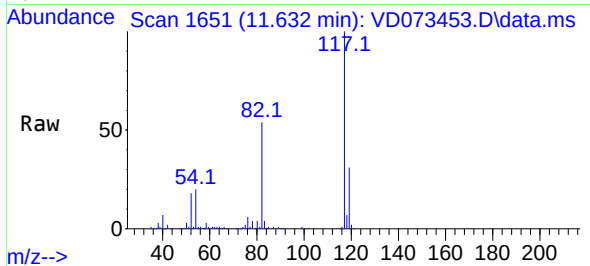




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073453.D
Acq: 01 Jun 2022 17:45

Instrument :
MSVOA_D
ClientSampleId :
BB-9

Tgt Ion:117 Resp: 498792
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 31.4 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: VD073453.D
Acq: 01 Jun 2022 17:45

Tgt Ion:152 Resp: 240069
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 156.3 0.0 348.6

