

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073120.D
 Acq On : 19 May 2022 02:46
 Operator : VA/SY
 Sample : N2856-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-02-051322

Quant Time: May 19 04:55:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	279935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	495485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	507166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	222026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151016	43.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.280%
35) Dibromofluoromethane	7.908	113	167399	48.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.332	98	621690	49.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.620	95	211598	46.290	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.580%

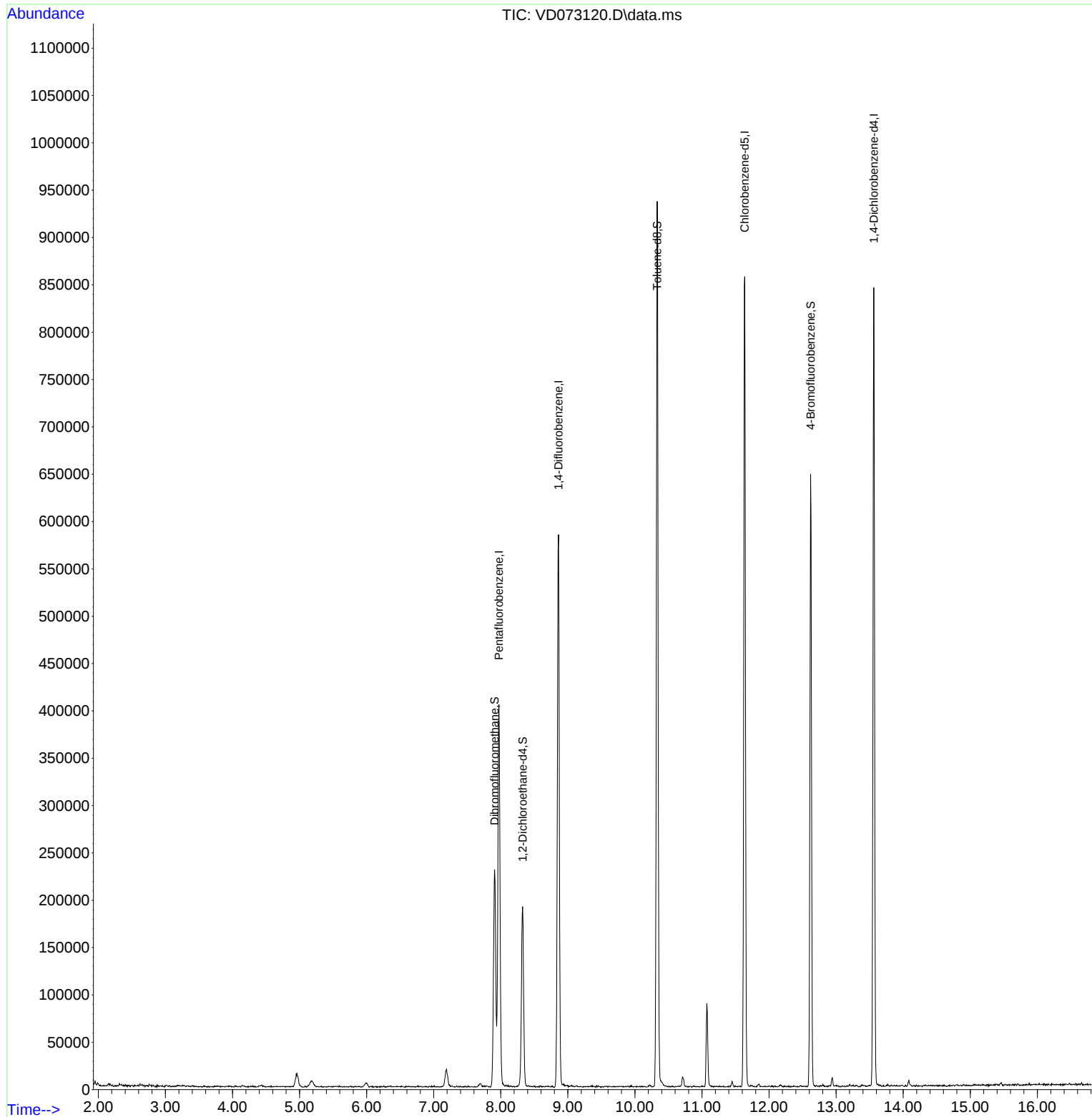
Target Compounds	Qvalue

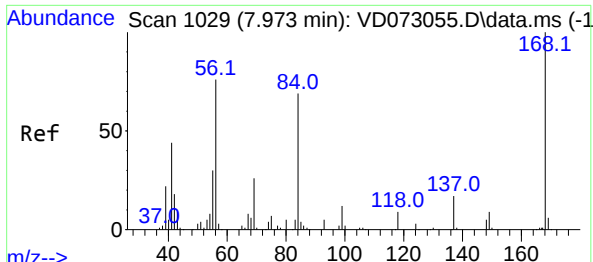
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.000 min

Lab File: VD073120.D

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Instrument :

MSVOA_D

ClientSampleId :

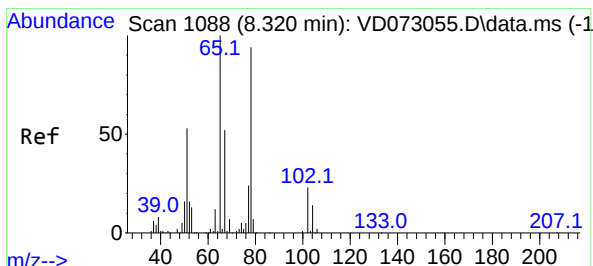
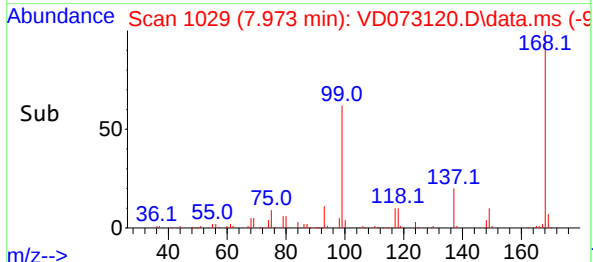
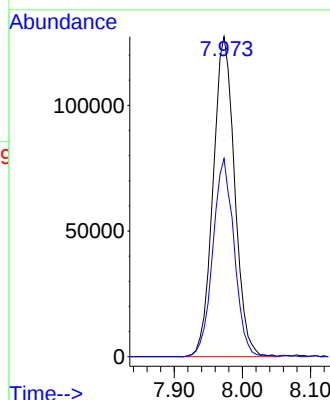
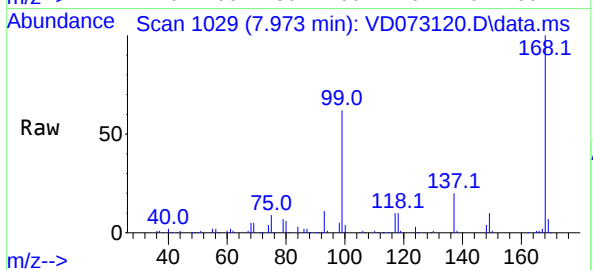
HR-02-051322

Tgt Ion:168 Resp: 279935

Ion Ratio Lower Upper

168 100

99 61.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 43.138 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073120.D

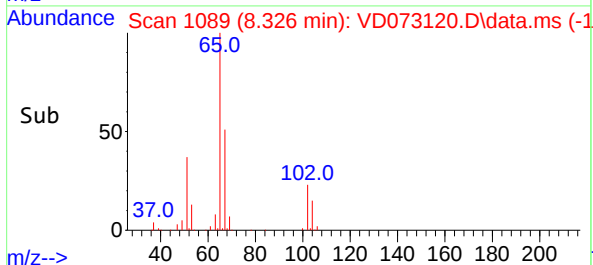
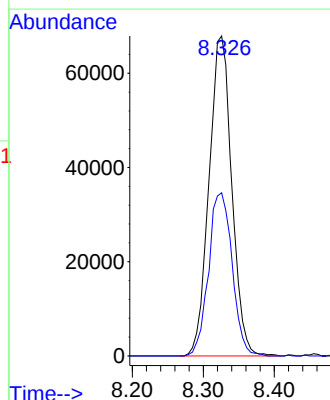
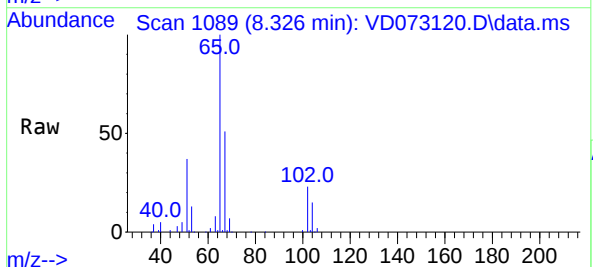
Acq: 19 May 2022 02:46

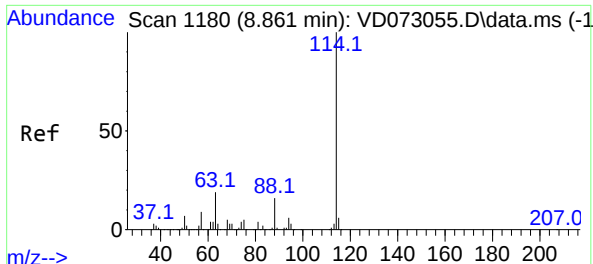
Tgt Ion: 65 Resp: 151016

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD073120.D

Acq: 19 May 2022 02:46

Instrument :

MSVOA_D

ClientSampleId :

HR-02-051322

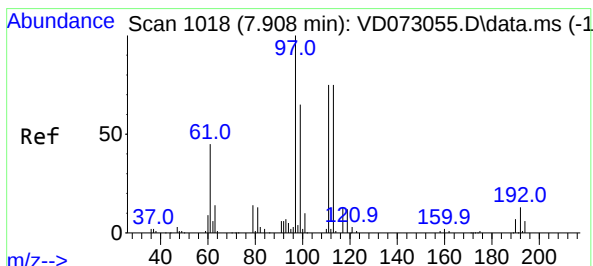
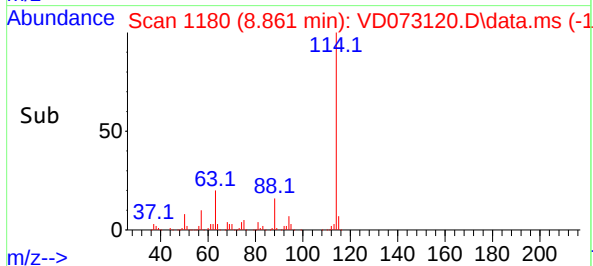
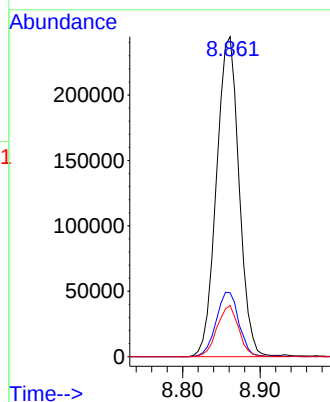
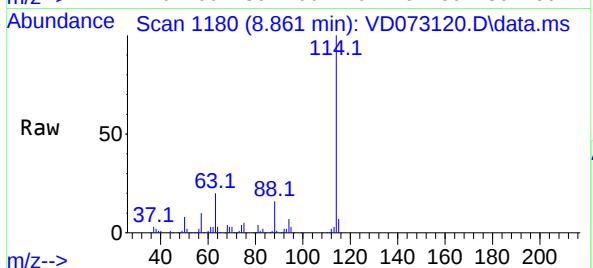
Tgt Ion:114 Resp: 495485

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.119 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073120.D

Acq: 19 May 2022 02:46

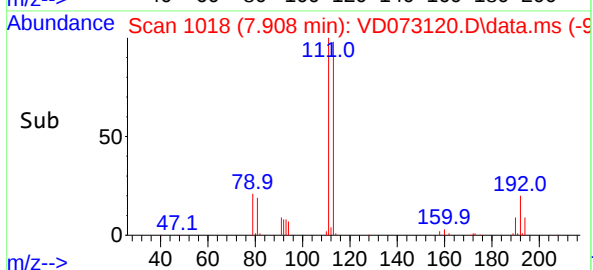
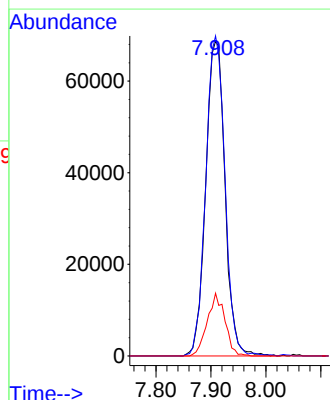
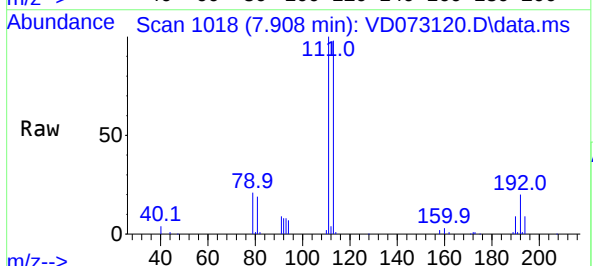
Tgt Ion:113 Resp: 167399

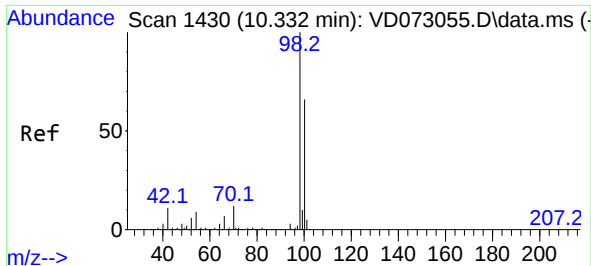
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.3 14.6 21.8

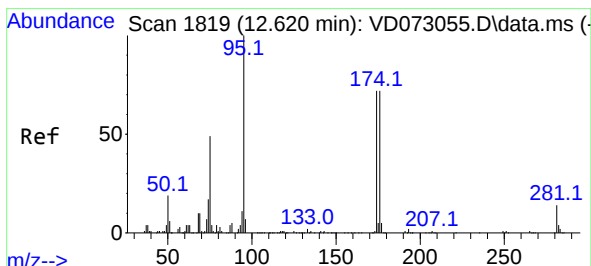
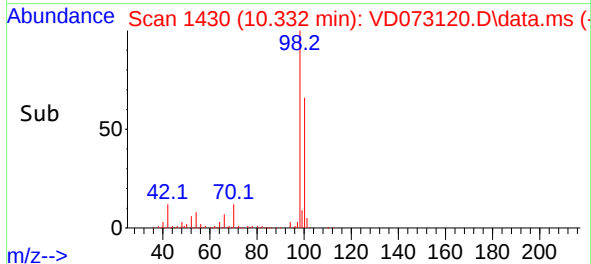
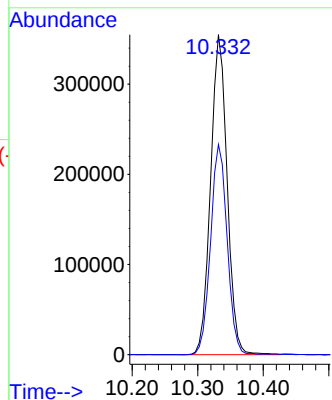
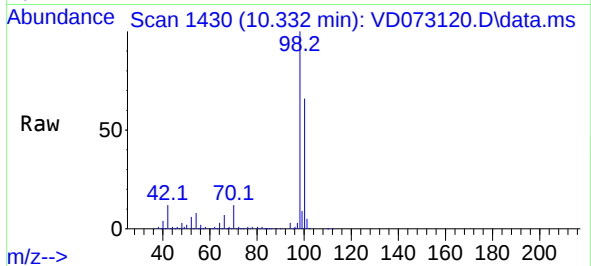




#50
Toluene-d8
Concen: 49.260 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073120.D
Acq: 19 May 2022 02:46

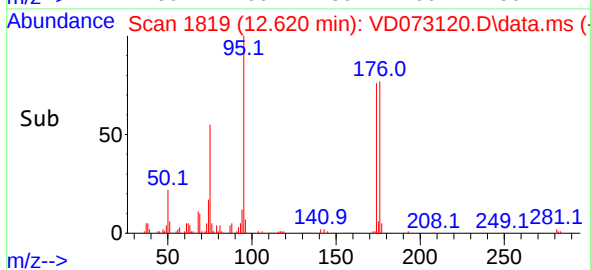
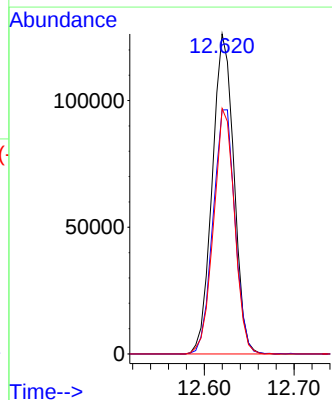
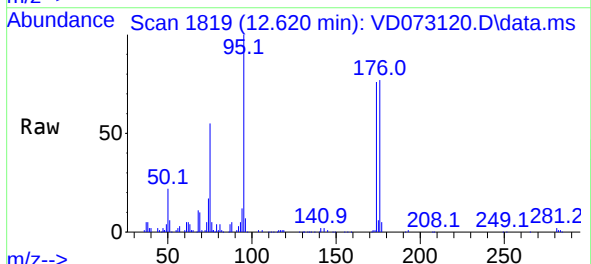
Instrument :
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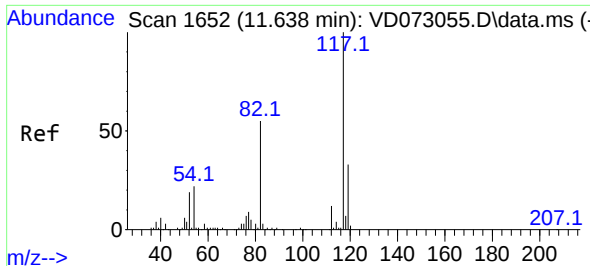
Tgt Ion: 98 Resp: 621690
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.290 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073120.D
Acq: 19 May 2022 02:46

Tgt Ion: 95 Resp: 211598
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.1 0.0 145.4

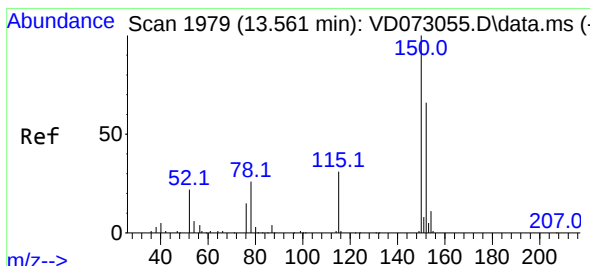
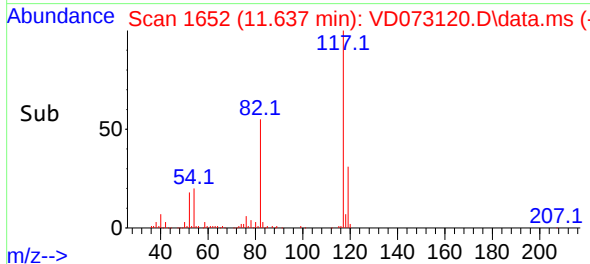
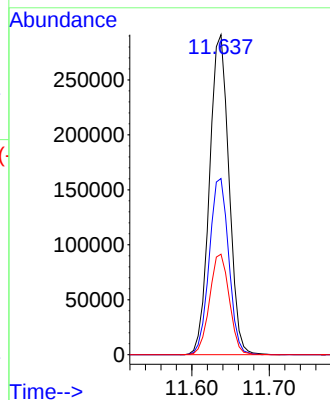
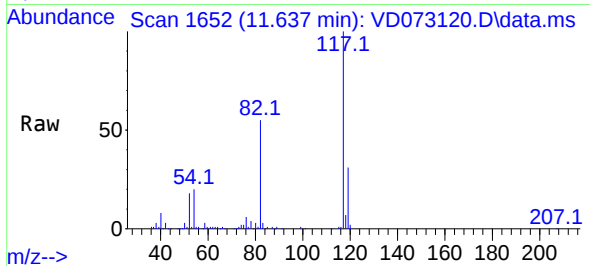




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073120.D
Acq: 19 May 2022 02:46

Instrument :
MSVOA_D
ClientSampleId :
HR-02-051322

Tgt Ion:	117	Resp:	507166
Ion	Ratio	Lower	Upper
117	100		
82	55.1	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: VD073120.D
Acq: 19 May 2022 02:46

Tgt Ion:	152	Resp:	222026
Ion	Ratio	Lower	Upper
152	100		
115	59.5	31.3	93.8
150	156.0	0.0	348.6

