

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073462.D
 Acq On : 02 Jun 2022 10:34
 Operator : VA/SY
 Sample : VD0602SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0602SBL01

Quant Time: Jun 03 01:28:04 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	301394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	545108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	596643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162616	48.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.640%
35) Dibromofluoromethane	7.908	113	186164	51.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.520%
50) Toluene-d8	10.332	98	673644	50.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.620	95	269713	57.962	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.920%

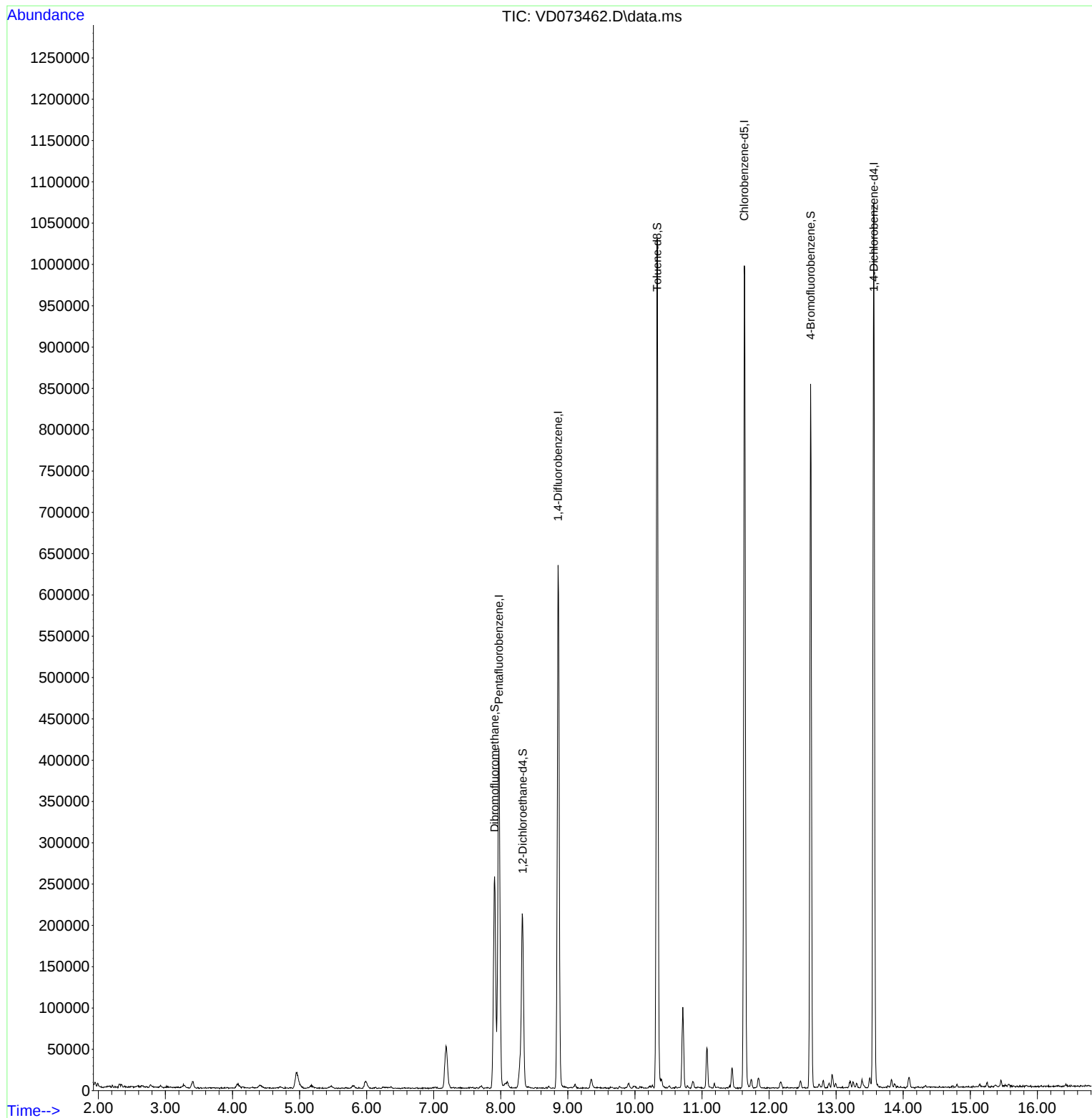
Target Compounds	Qvalue

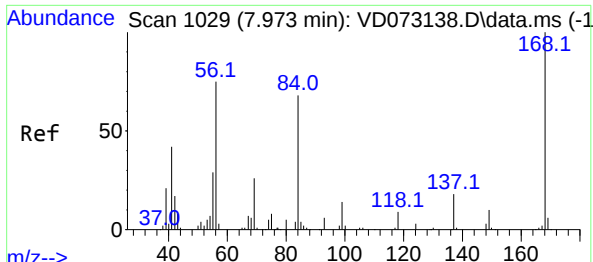
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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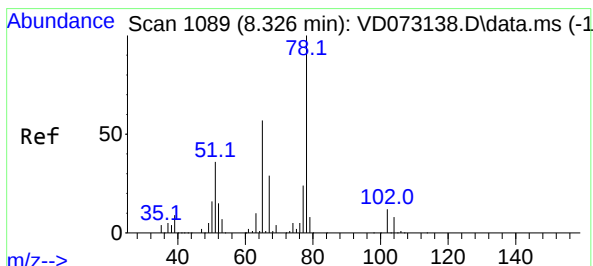
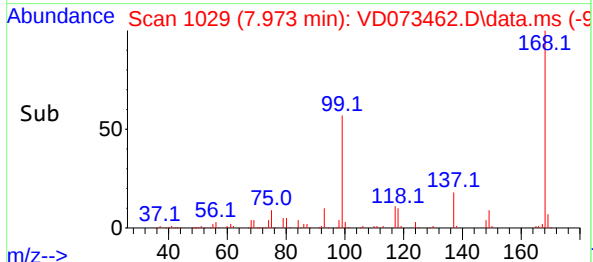
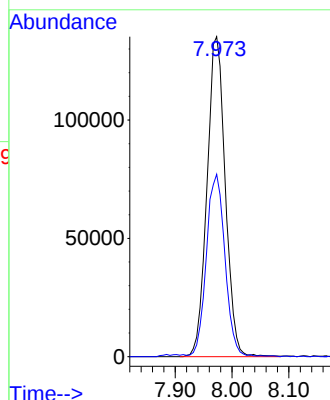
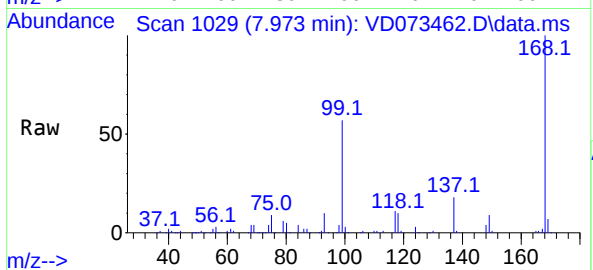




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

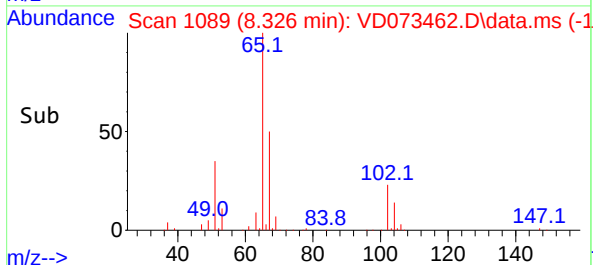
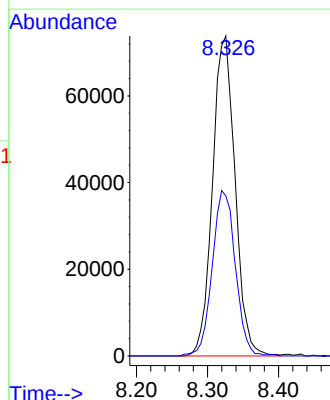
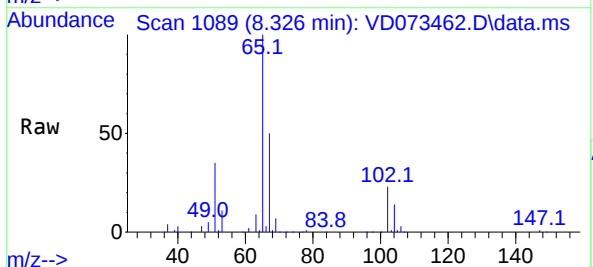
Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

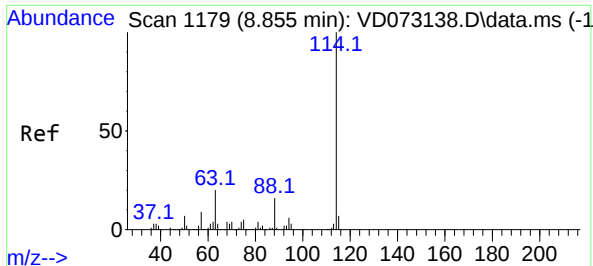
Tgt Ion:168 Resp: 301394
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 48.821 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 65 Resp: 162616
Ion Ratio Lower Upper
65 100
67 52.9 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: VD073462.D

Acq: 02 Jun 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

VD0602SBL01

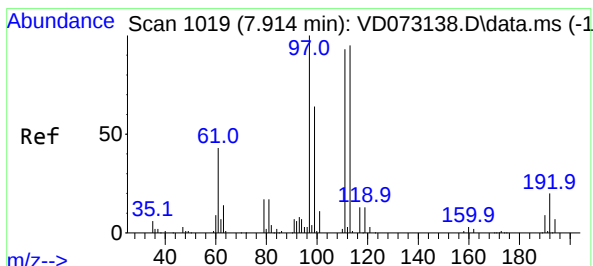
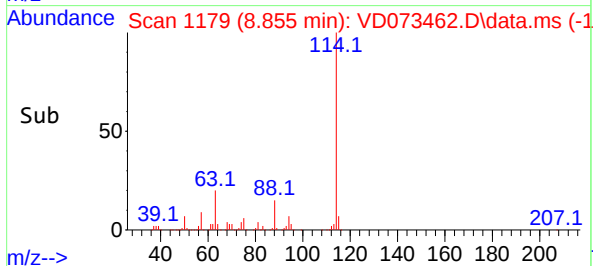
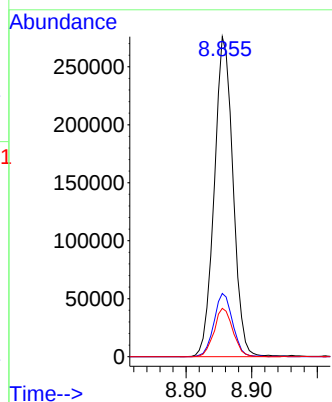
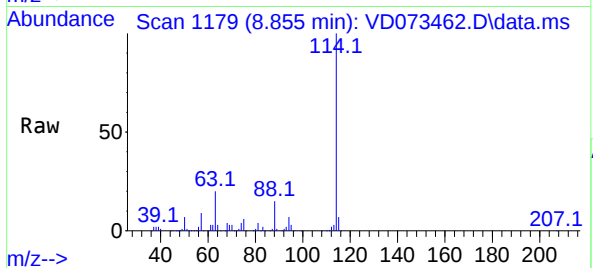
Tgt Ion:114 Resp: 545108

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.756 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073462.D

Acq: 02 Jun 2022 10:34

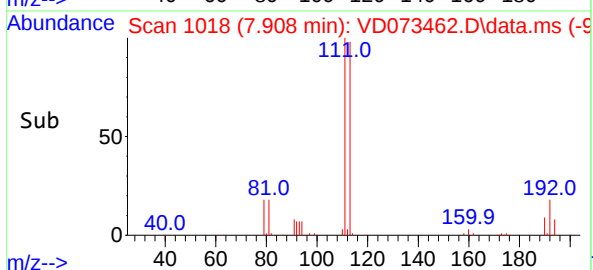
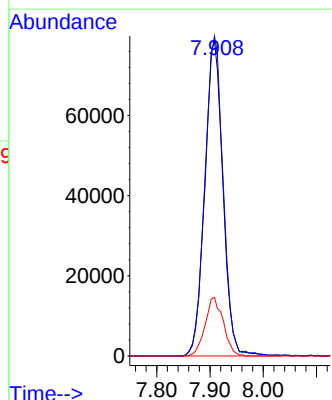
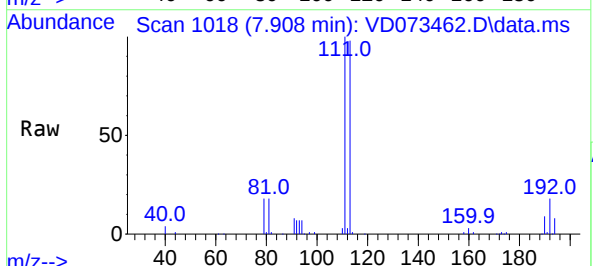
Tgt Ion:113 Resp: 186164

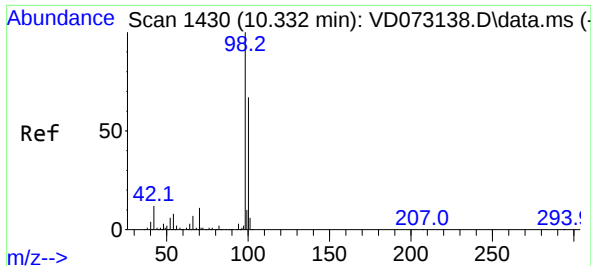
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.6 14.6 21.8

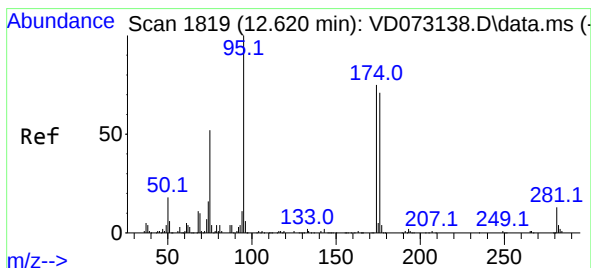
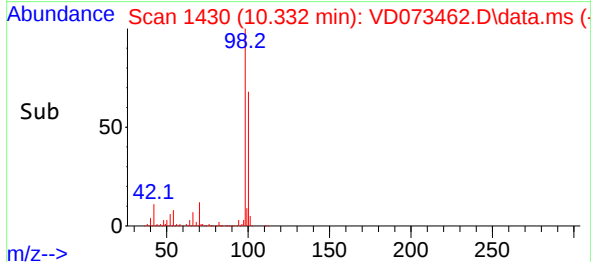
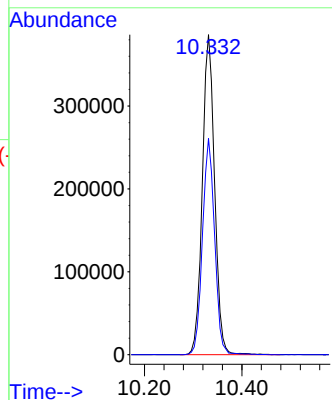
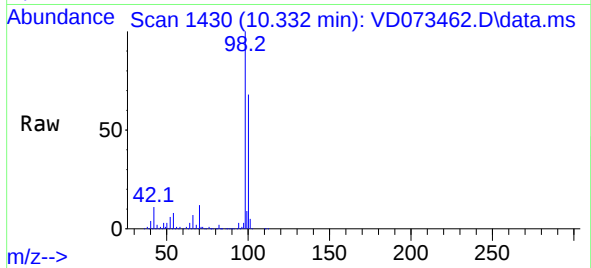




#50
Toluene-d8
Concen: 50.805 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

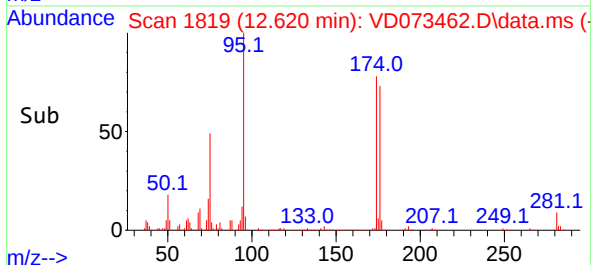
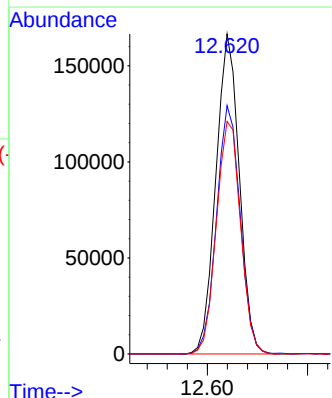
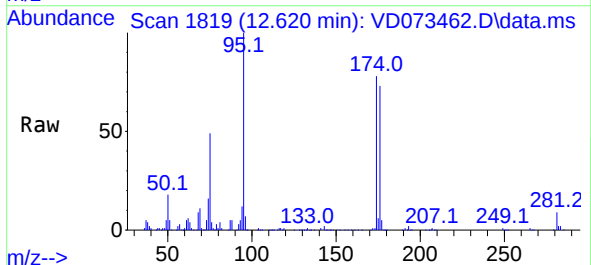
Instrument :
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VD0602SBL01

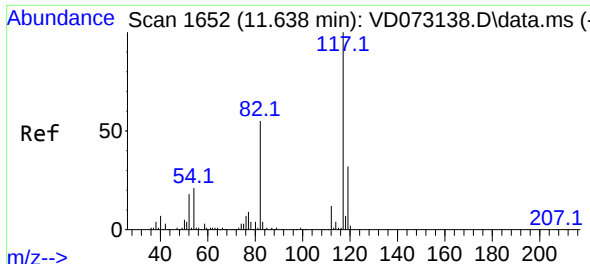
Tgt Ion: 98 Resp: 673644
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.962 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 95 Resp: 269713
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 75.0 0.0 145.4

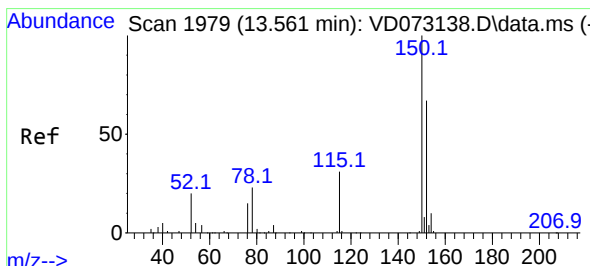
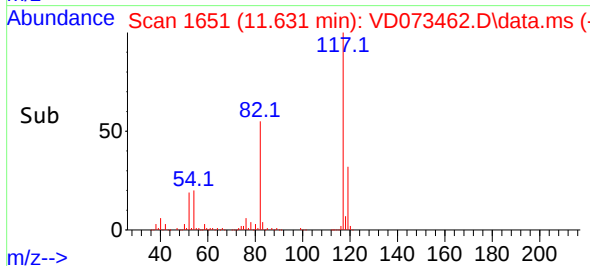
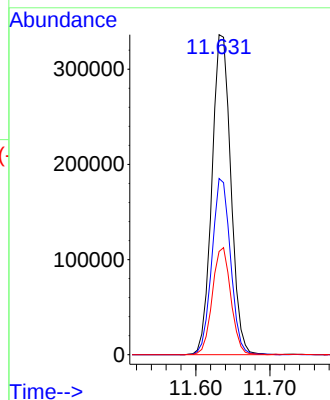
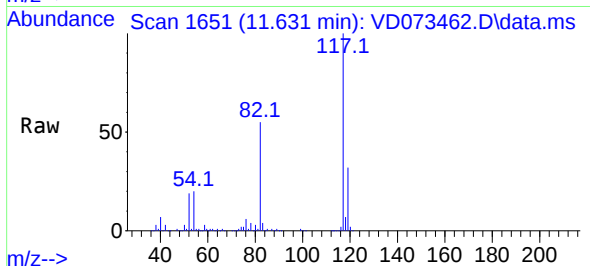




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1
Delta R.T. -0.007 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

Tgt Ion:117 Resp: 596643
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 32.3 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: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion:152 Resp: 289213
Ion Ratio Lower Upper
152 100
115 58.6 31.3 93.8
150 157.8 0.0 348.6

