

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072291.D
 Acq On : 18 Mar 2022 15:47
 Operator : VA/SY
 Sample : N1943-06
 Misc : 8.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DF1

Quant Time: Mar 19 05:25:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	324893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	564876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	613877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182235	50.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.660%	
35) Dibromofluoromethane	7.908	113	183796	46.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.480%	
50) Toluene-d8	10.332	98	705618	48.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	12.626	95	309339	54.773	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.540%	

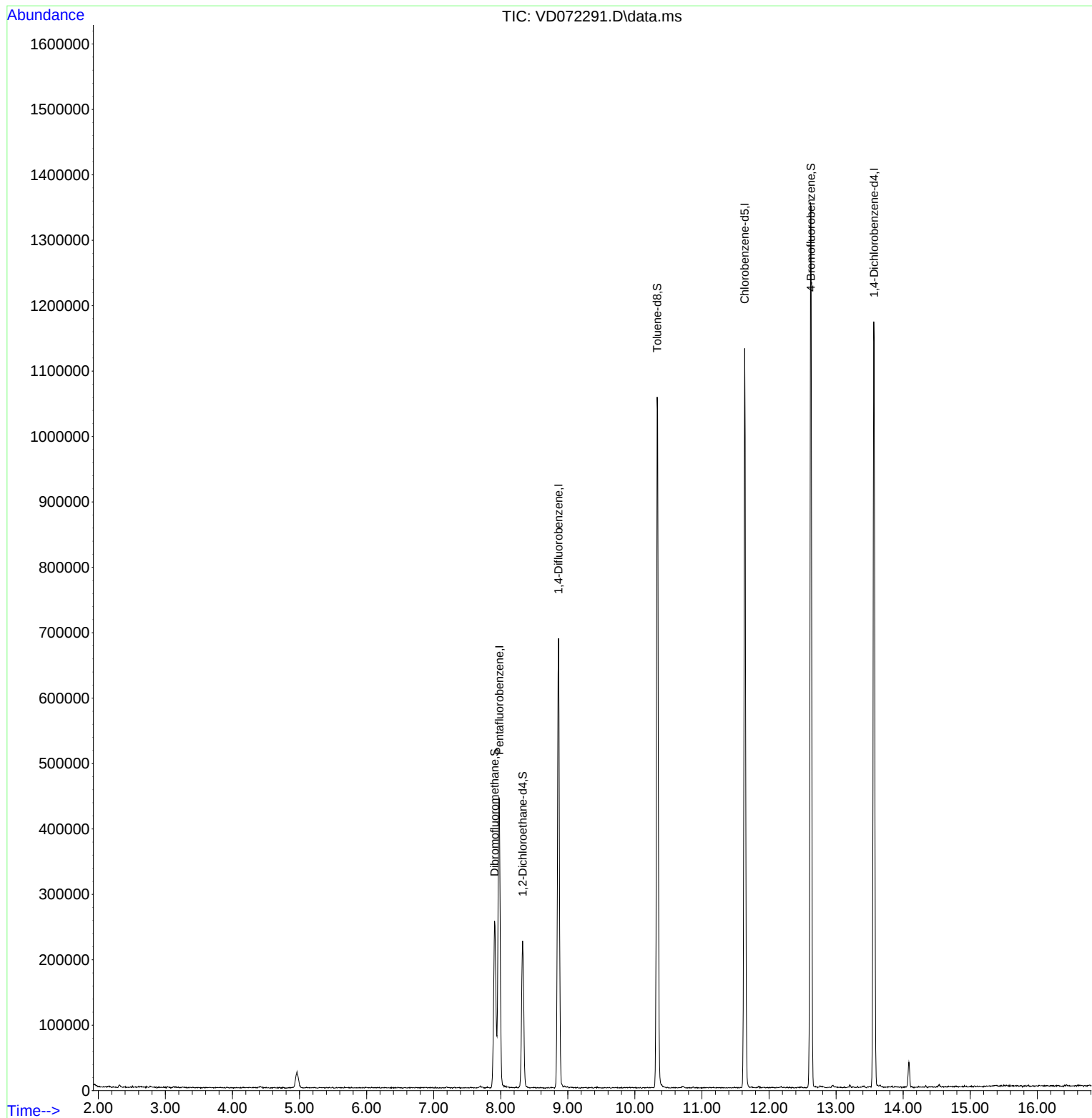
Target Compounds	Qvalue

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072291.D

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Instrument :

MSVOA_D

ClientSampleId :

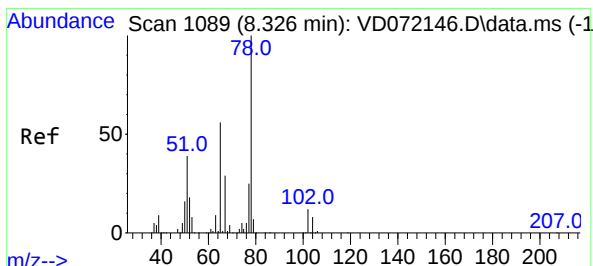
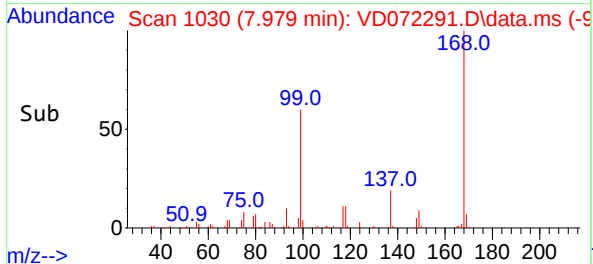
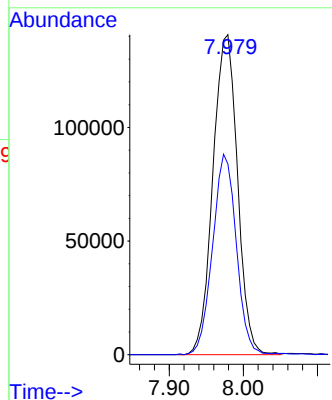
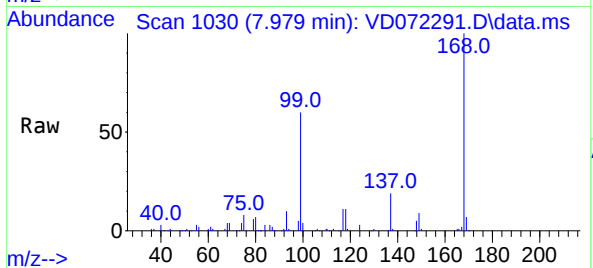
DF1

Tgt Ion:168 Resp: 324893

Ion Ratio Lower Upper

168 100

99 59.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 50.331 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072291.D

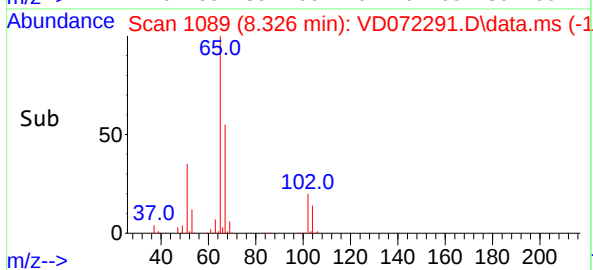
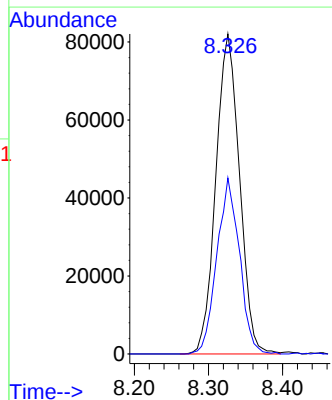
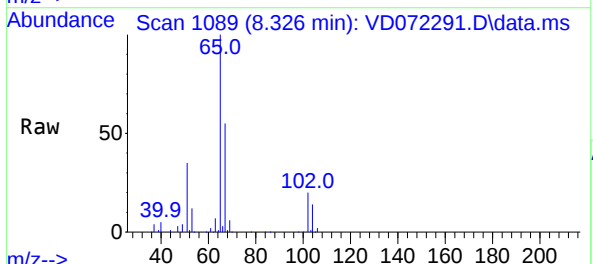
Acq: 18 Mar 2022 15:47

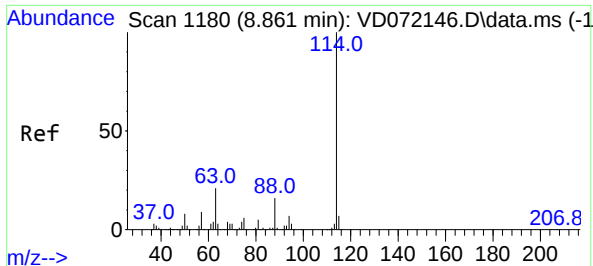
Tgt Ion: 65 Resp: 182235

Ion Ratio Lower Upper

65 100

67 52.6 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: VD072291.D

Acq: 18 Mar 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

DF1

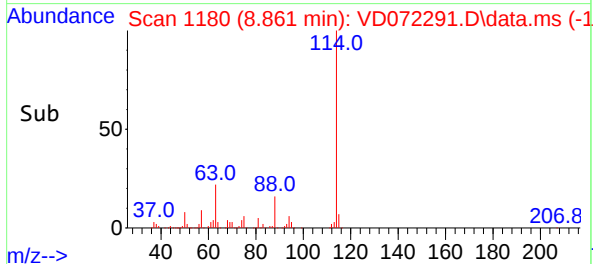
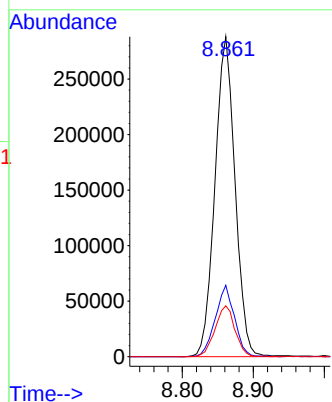
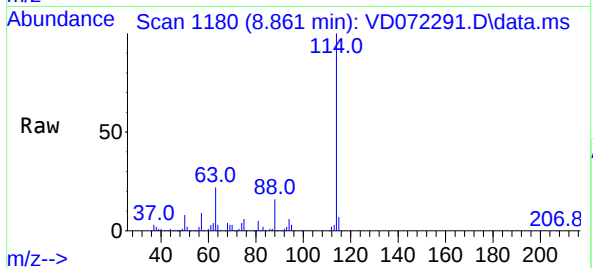
Tgt Ion:114 Resp: 564876

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.237 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072291.D

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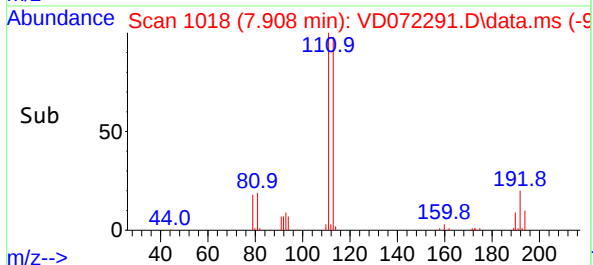
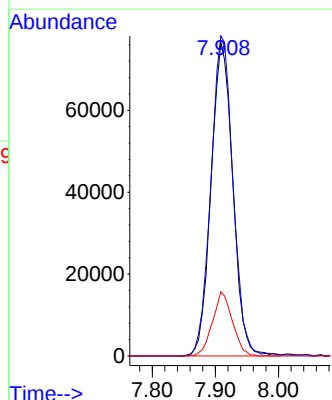
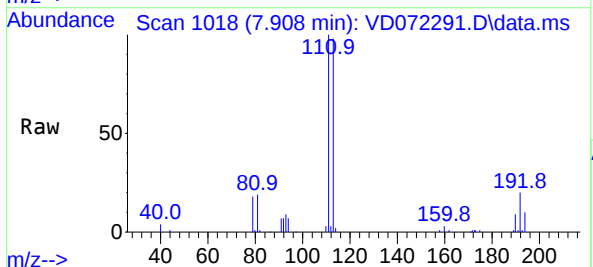
Tgt Ion:113 Resp: 183796

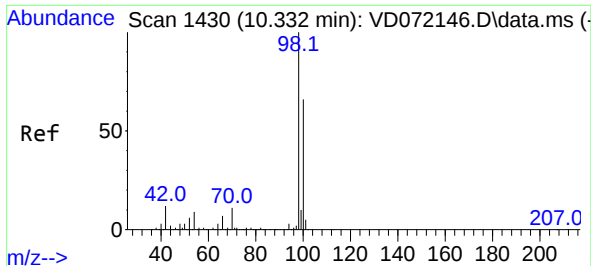
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.7 14.6 21.8

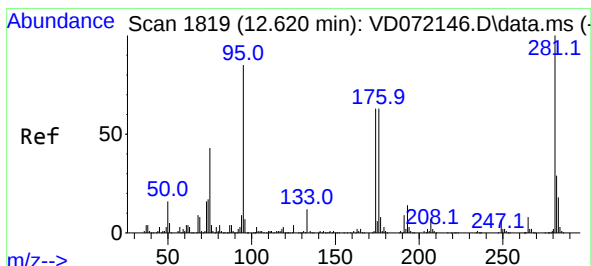
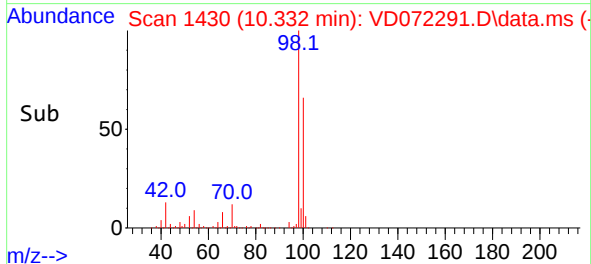
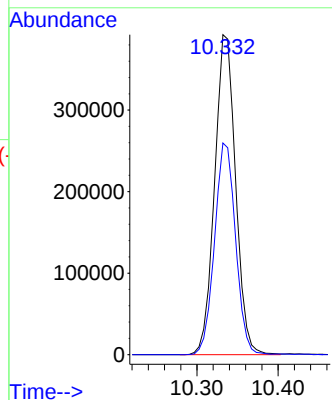
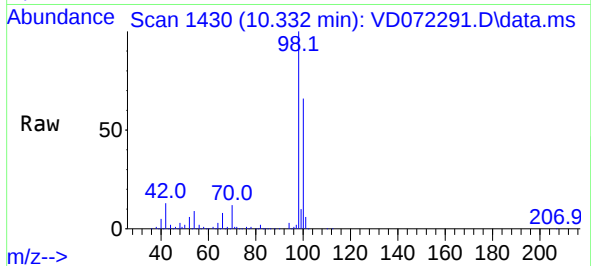




#50
Toluene-d8
Concen: 48.546 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072291.D
Acq: 18 Mar 2022 15:47

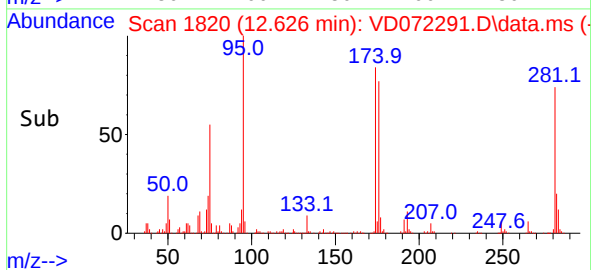
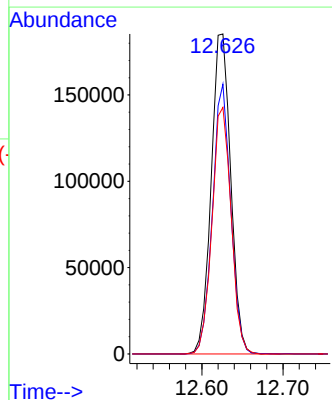
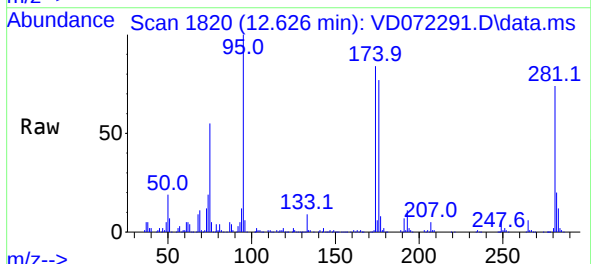
Instrument :
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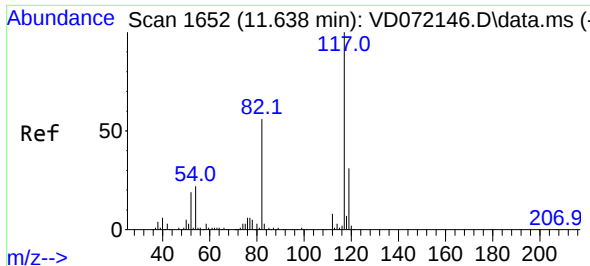
Tgt Ion: 98 Resp: 705618
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.773 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072291.D
Acq: 18 Mar 2022 15:47

Tgt Ion: 95 Resp: 309339
Ion Ratio Lower Upper
95 100
174 79.0 0.0 152.8
176 75.4 0.0 145.4

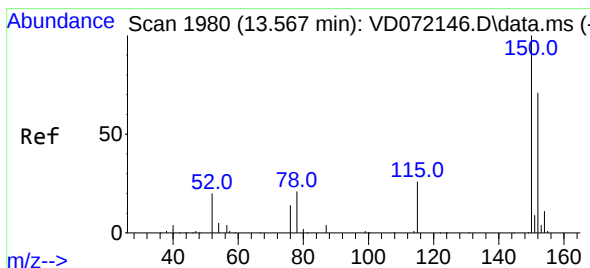
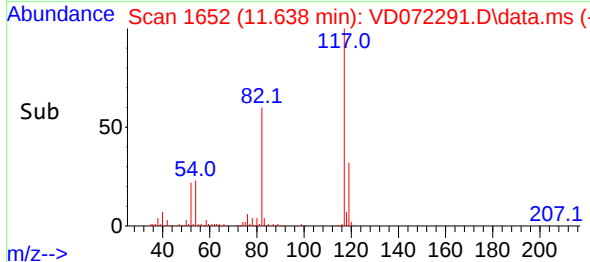
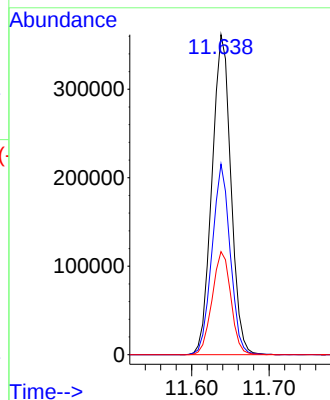
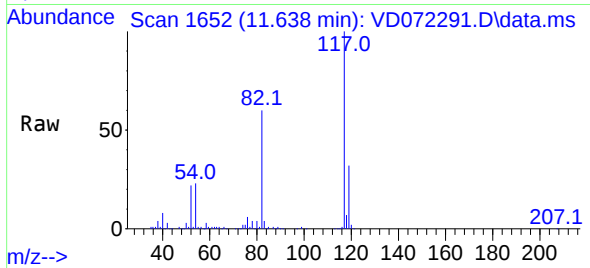




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072291.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_D
ClientSampleId :
DF1

Tgt Ion:117 Resp: 613877
Ion Ratio Lower Upper
117 100
82 59.6 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072291.D
Acq: 18 Mar 2022 15:47

Tgt Ion:152 Resp: 303999
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 159.4 0.0 348.6

