

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072507.D
 Acq On : 01 Apr 2022 17:18
 Operator : VA/SY
 Sample : N2217-06
 Misc : 6.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Apr 02 02:38:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	403439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	741618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	726780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	348358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	240075	49.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.380%
35) Dibromofluoromethane	7.908	113	252887	43.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.760%
50) Toluene-d8	10.332	98	918825	45.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.626	95	325001	41.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.080%

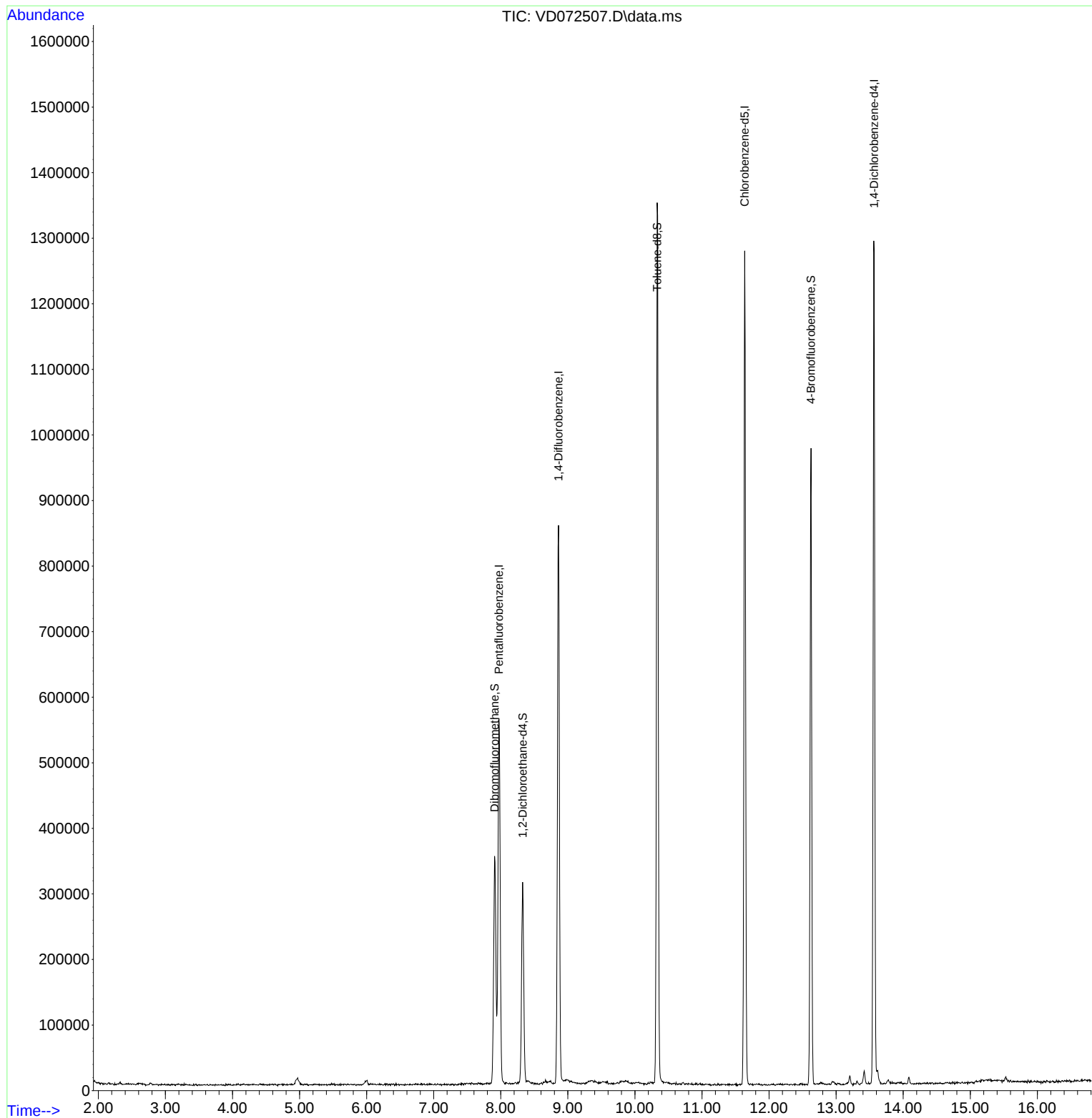
Target Compounds Qvalue

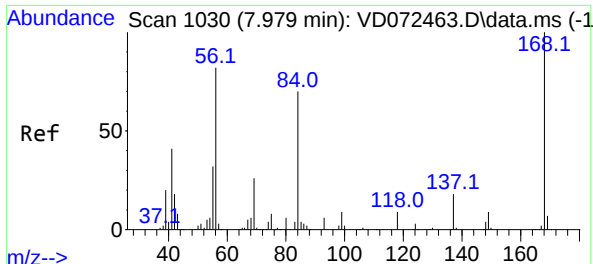
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

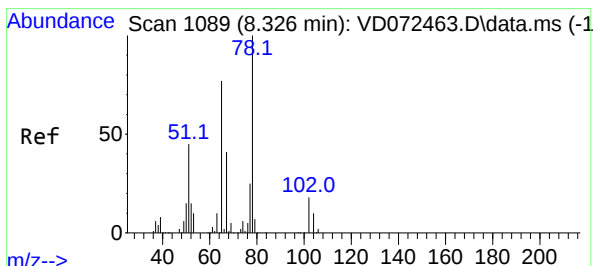
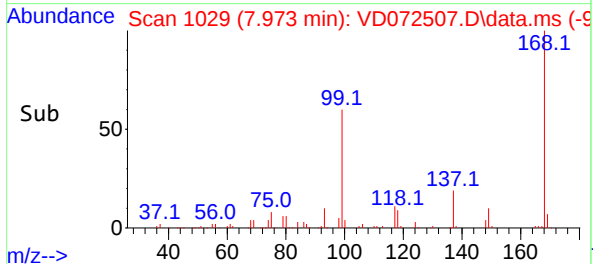
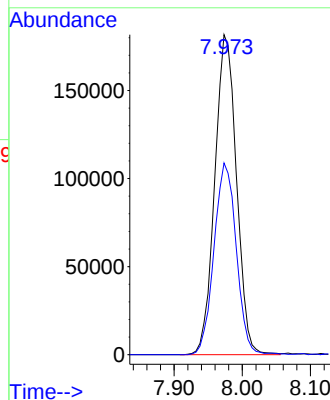
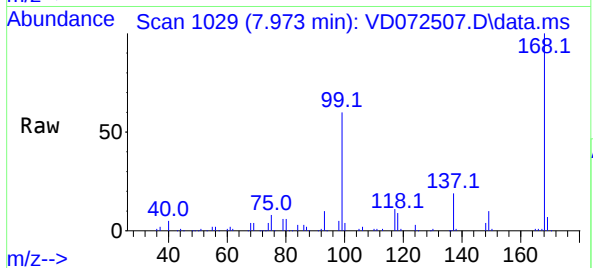
SB-5

Tgt Ion:168 Resp: 403439

Ion Ratio Lower Upper

168 100

99 59.9 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 49.192 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072507.D

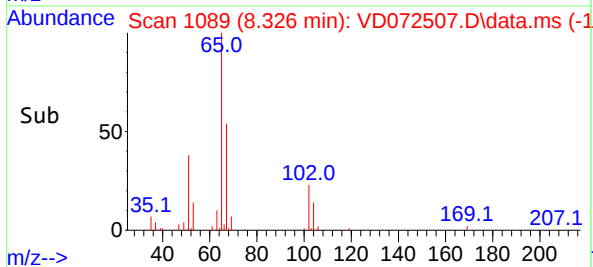
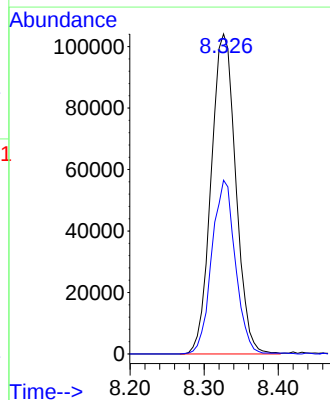
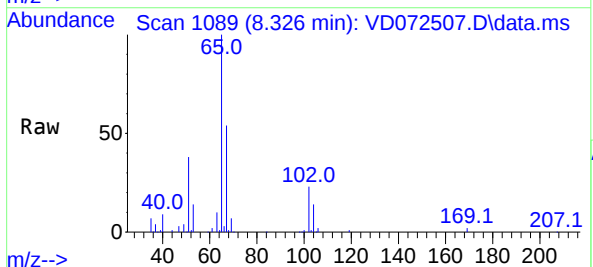
Acq: 01 Apr 2022 17:18

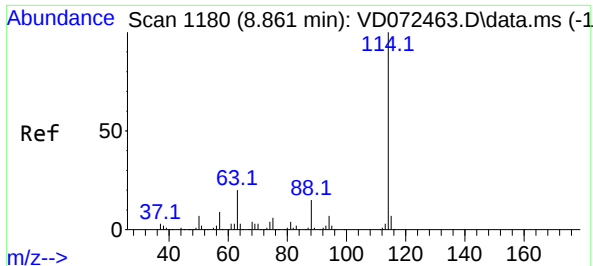
Tgt Ion: 65 Resp: 240075

Ion Ratio Lower Upper

65 100

67 52.0 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: VD072507.D

Acq: 01 Apr 2022 17:18

Instrument :

MSVOA_D

ClientSampleId :

SB-5

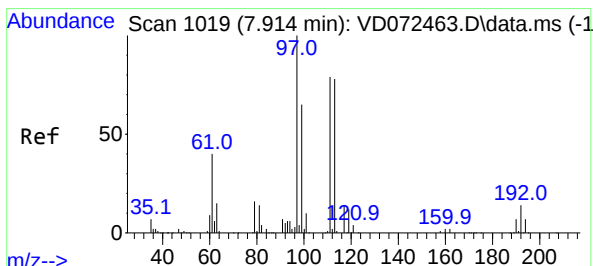
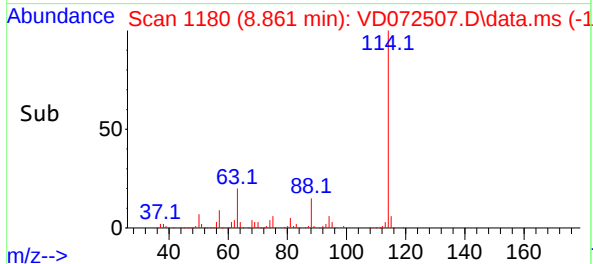
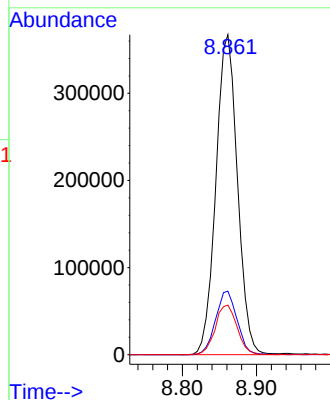
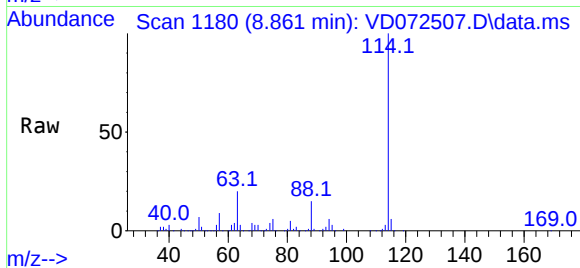
Tgt Ion:114 Resp: 741618

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.878 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072507.D

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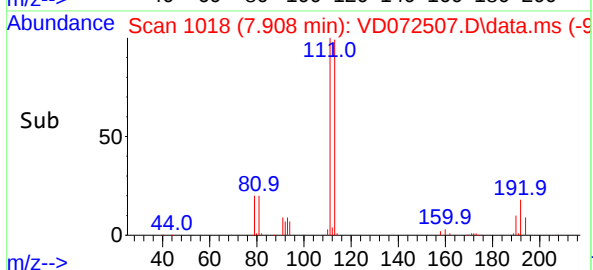
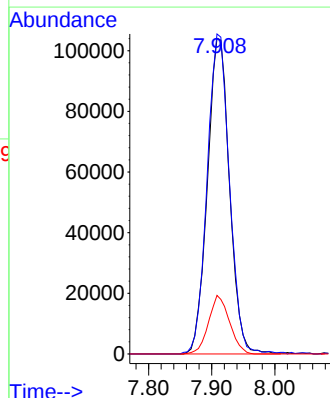
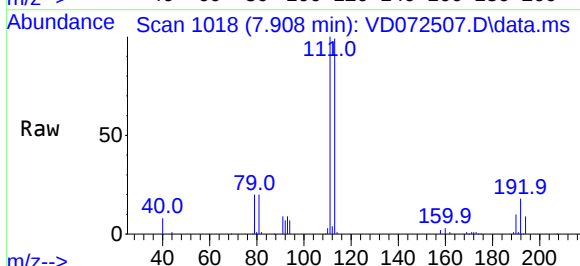
Tgt Ion:113 Resp: 252887

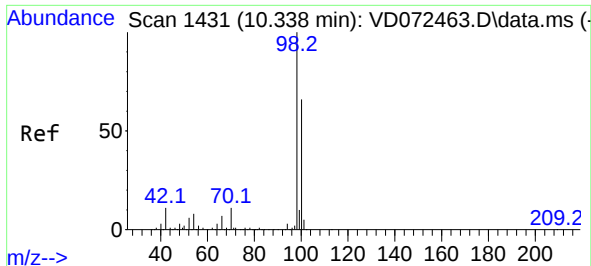
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.6 14.6 21.8

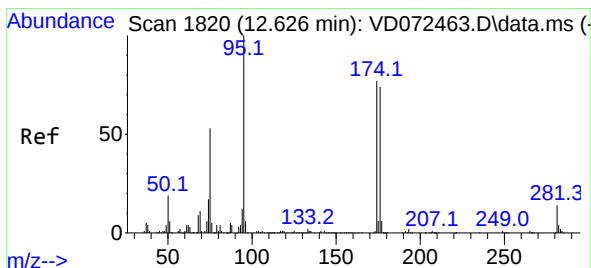
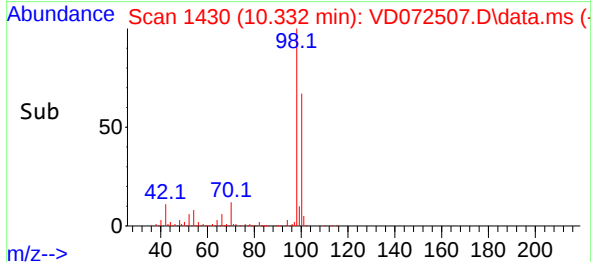
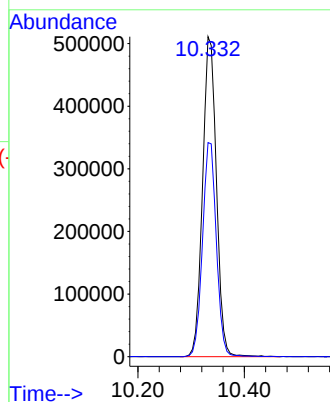
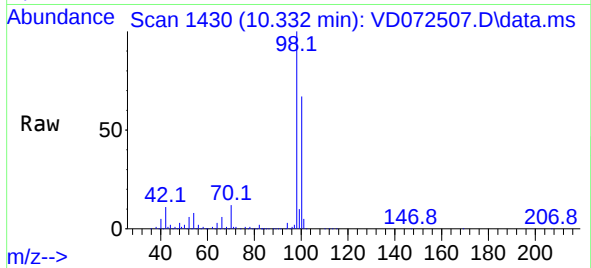




#50
Toluene-d8
Concen: 45.863 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

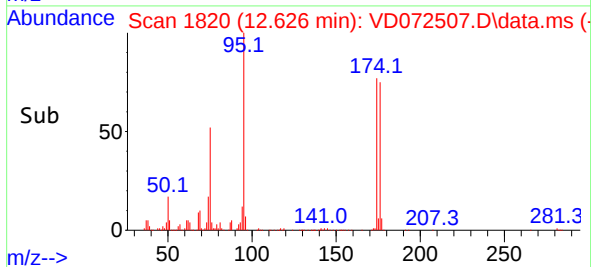
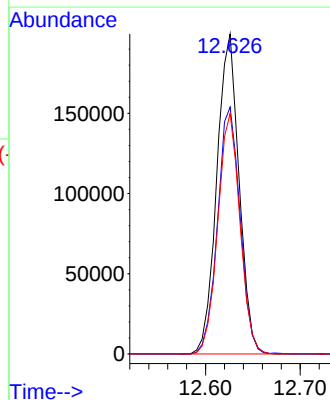
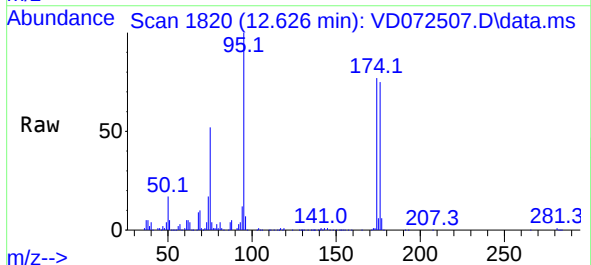
Instrument :
MSVOA_D
ClientSampleId :
SB-5

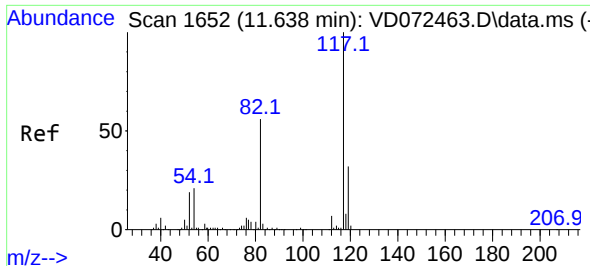
Tgt Ion: 98 Resp: 918825
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.538 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion: 95 Resp: 325001
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 74.7 0.0 145.4

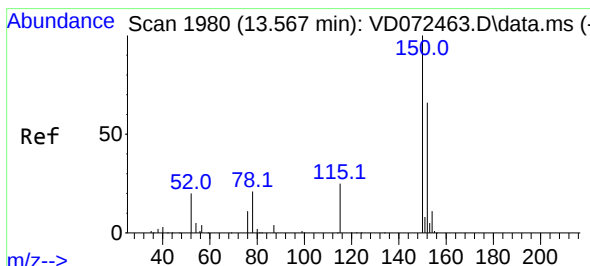
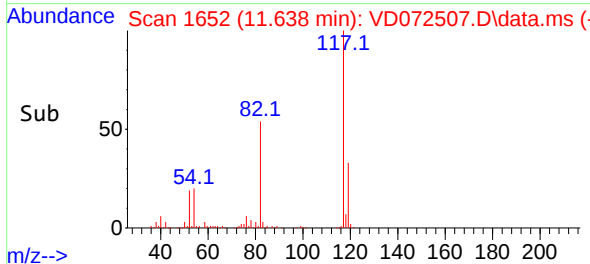
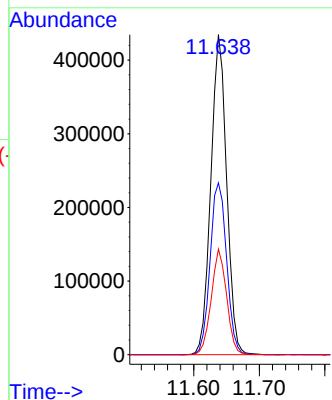
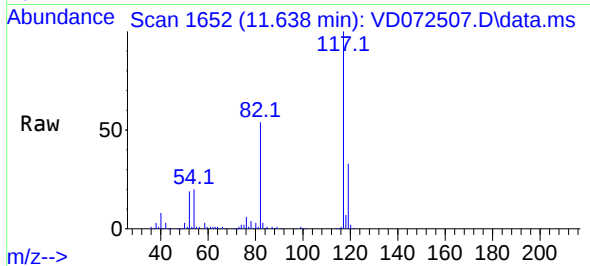




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Instrument :
MSVOA_D
ClientSampleId :
SB-5

Tgt Ion:117 Resp: 726780
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 33.0 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: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion:152 Resp: 348358
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 157.1 0.0 348.6

