

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071599.D
 Acq On : 04 Jan 2022 18:03
 Operator : VA/SY
 Sample : M5338-07
 Misc : 6.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7-(4.5-5)

Quant Time: Jan 05 01:30:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	156986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	280720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	270479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	120892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	145882	69.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.940%
35) Dibromofluoromethane	7.914	113	107374	56.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.820%
50) Toluene-d8	10.338	98	367079	51.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.626	95	119554	47.189	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.380%

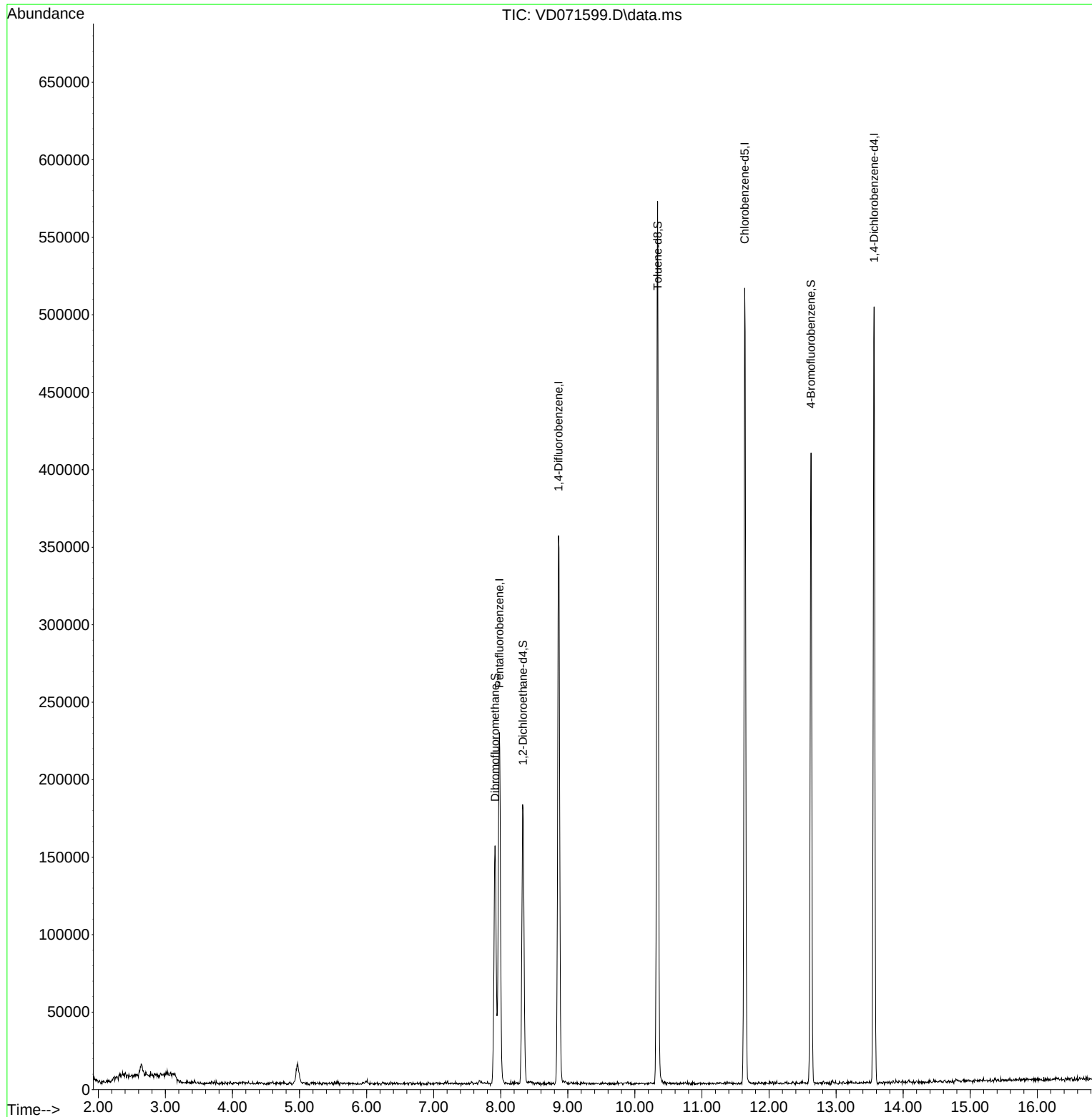
Target Compounds	Qvalue

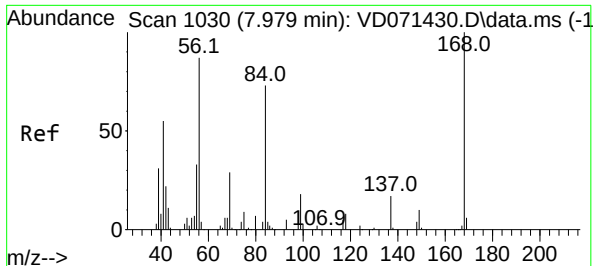
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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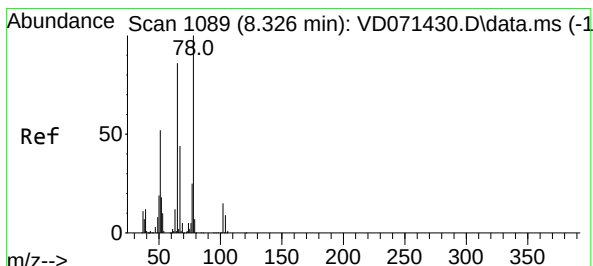
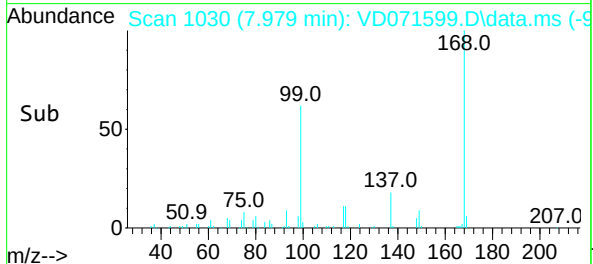
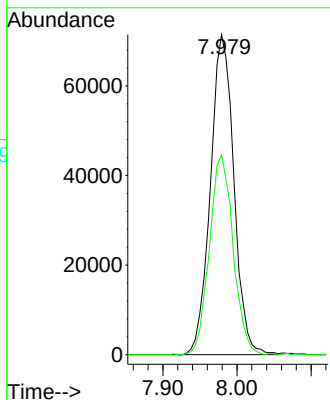
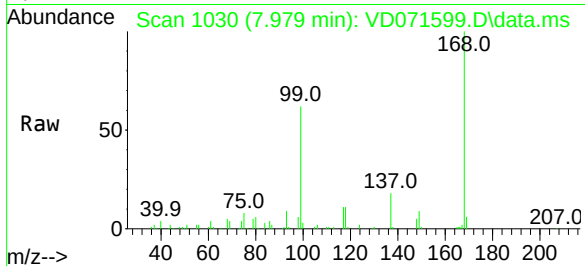




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

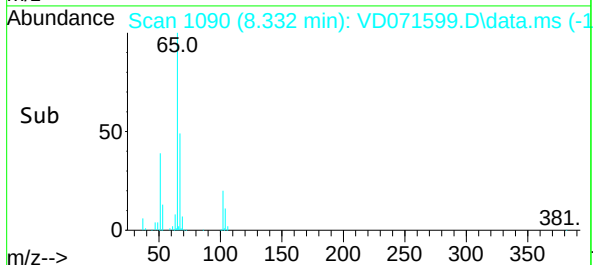
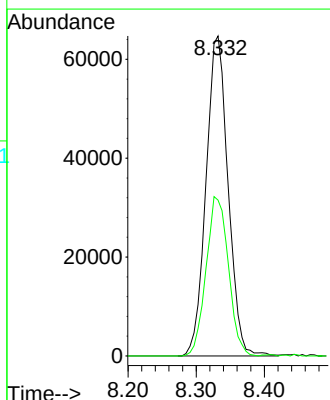
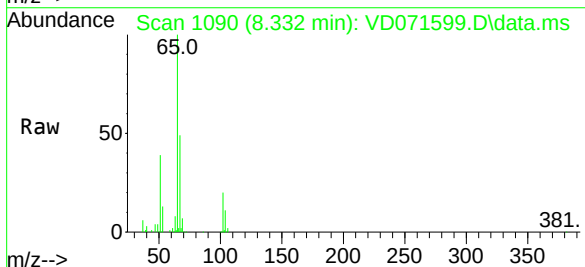
Instrument :
MSVOA_D
ClientSampleId :
SB-7-(4.5-5)

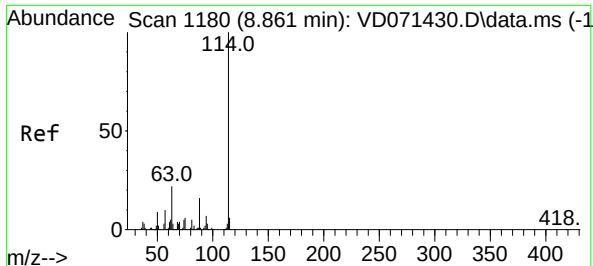
Tgt Ion:168 Resp: 156986
Ion Ratio Lower Upper
168 100
99 62.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 69.970 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

Tgt Ion: 65 Resp: 145882
Ion Ratio Lower Upper
65 100
67 50.4 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071599.D

Acq: 04 Jan 2022 18:03

Instrument :

MSVOA_D

ClientSampleId :

SB-7-(4.5-5)

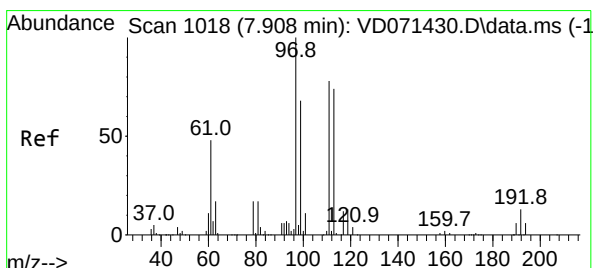
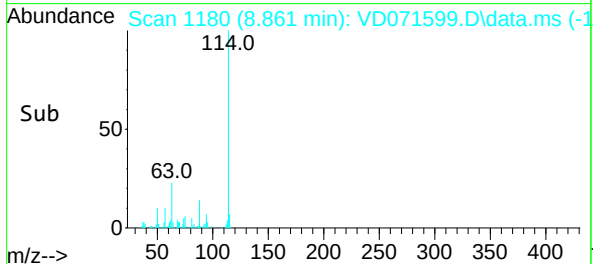
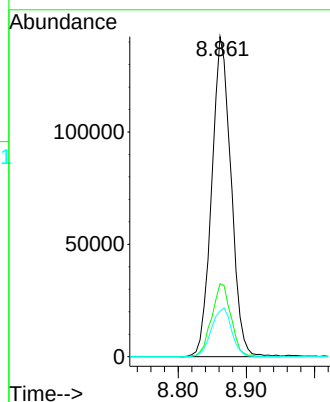
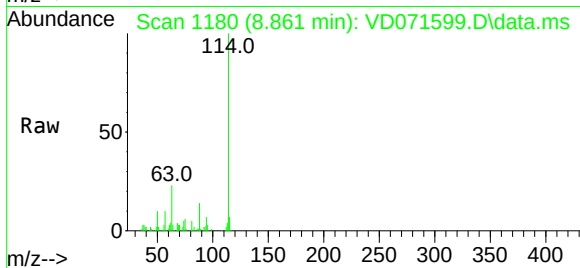
Tgt Ion:114 Resp: 280720

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 14.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 56.912 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071599.D

Acq: 04 Jan 2022 18:03

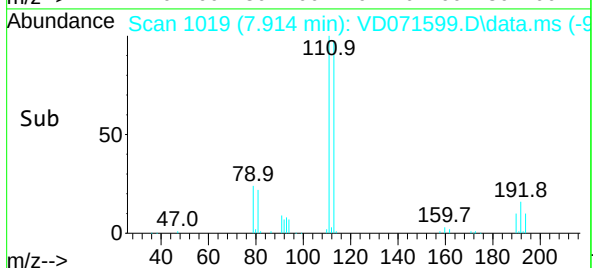
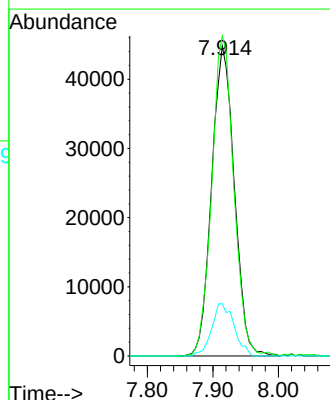
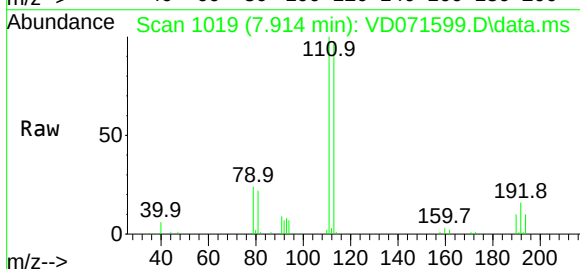
Tgt Ion:113 Resp: 107374

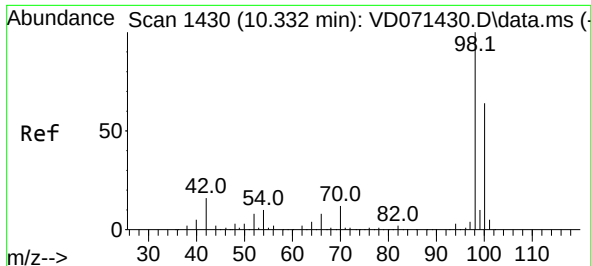
Ion Ratio Lower Upper

113 100

111 100.5 82.0 123.0

192 16.7 15.2 22.8

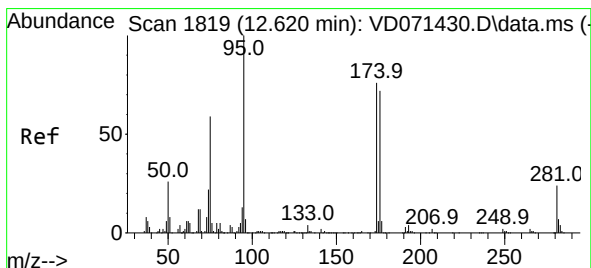
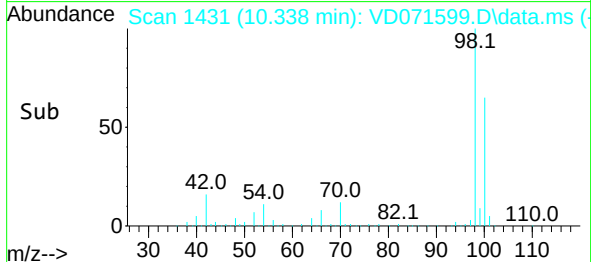
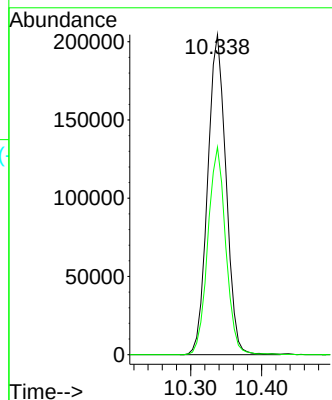
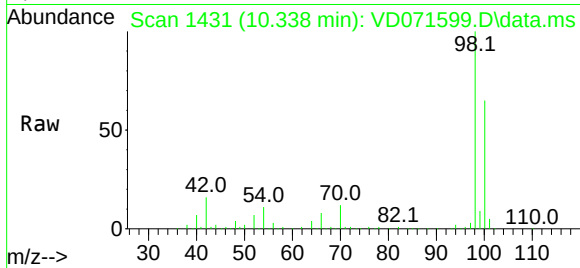




#50
Toluene-d8
Concen: 51.486 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

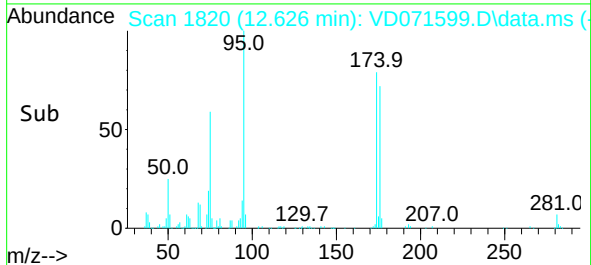
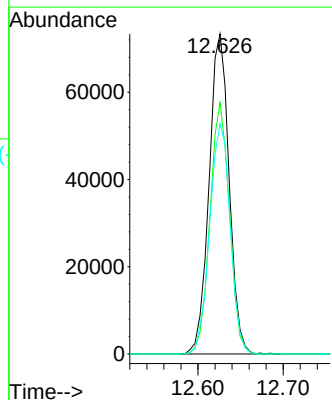
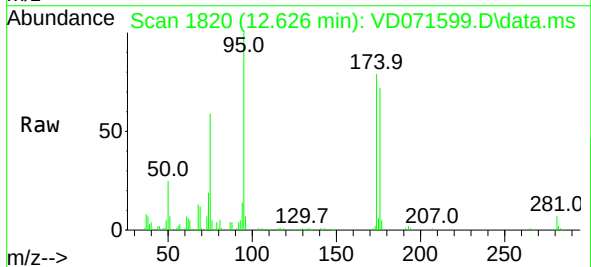
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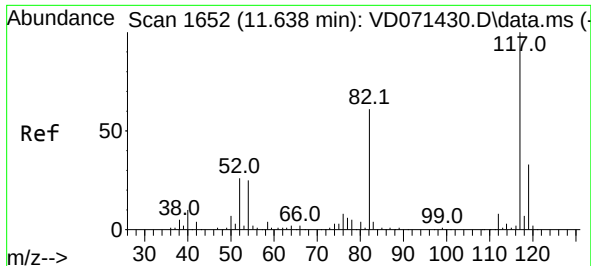
Tgt Ion: 98 Resp: 367079
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.189 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

Tgt Ion: 95 Resp: 119554
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 73.7 0.0 154.0

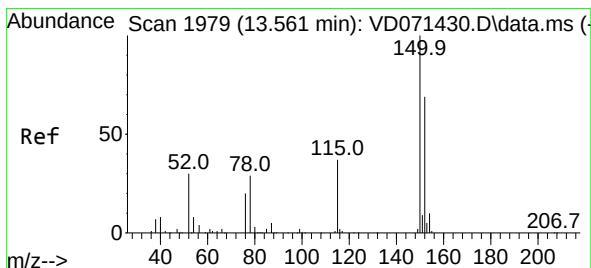
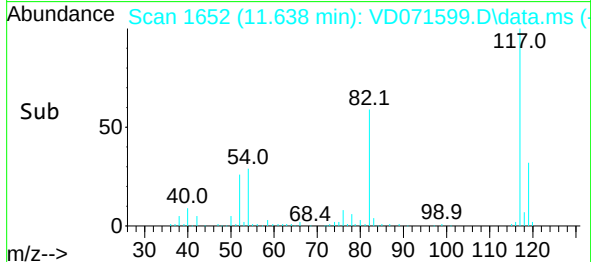
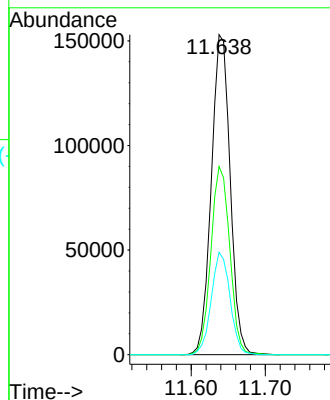
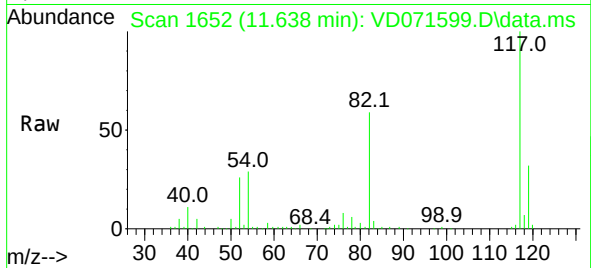




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

Instrument :
MSVOA_D
ClientSampleId :
SB-7-(4.5-5)

Tgt Ion:117 Resp: 270479
Ion Ratio Lower Upper
117 100
82 58.8 44.7 67.1
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

Tgt Ion:152 Resp: 120892
Ion Ratio Lower Upper
152 100
115 62.6 29.8 89.3
150 156.7 0.0 349.2

