

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071602.D
 Acq On : 04 Jan 2022 19:26
 Operator : VA/SY
 Sample : N1004-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-R2-IEC

Quant Time: Jan 05 01:30:47 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	7.985	168	147051	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.861	114	256848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	243586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	112767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129420	66.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.540%
35) Dibromofluoromethane	7.914	113	93391	54.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.338	98	324671	49.770	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.626	95	110732	47.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.540%

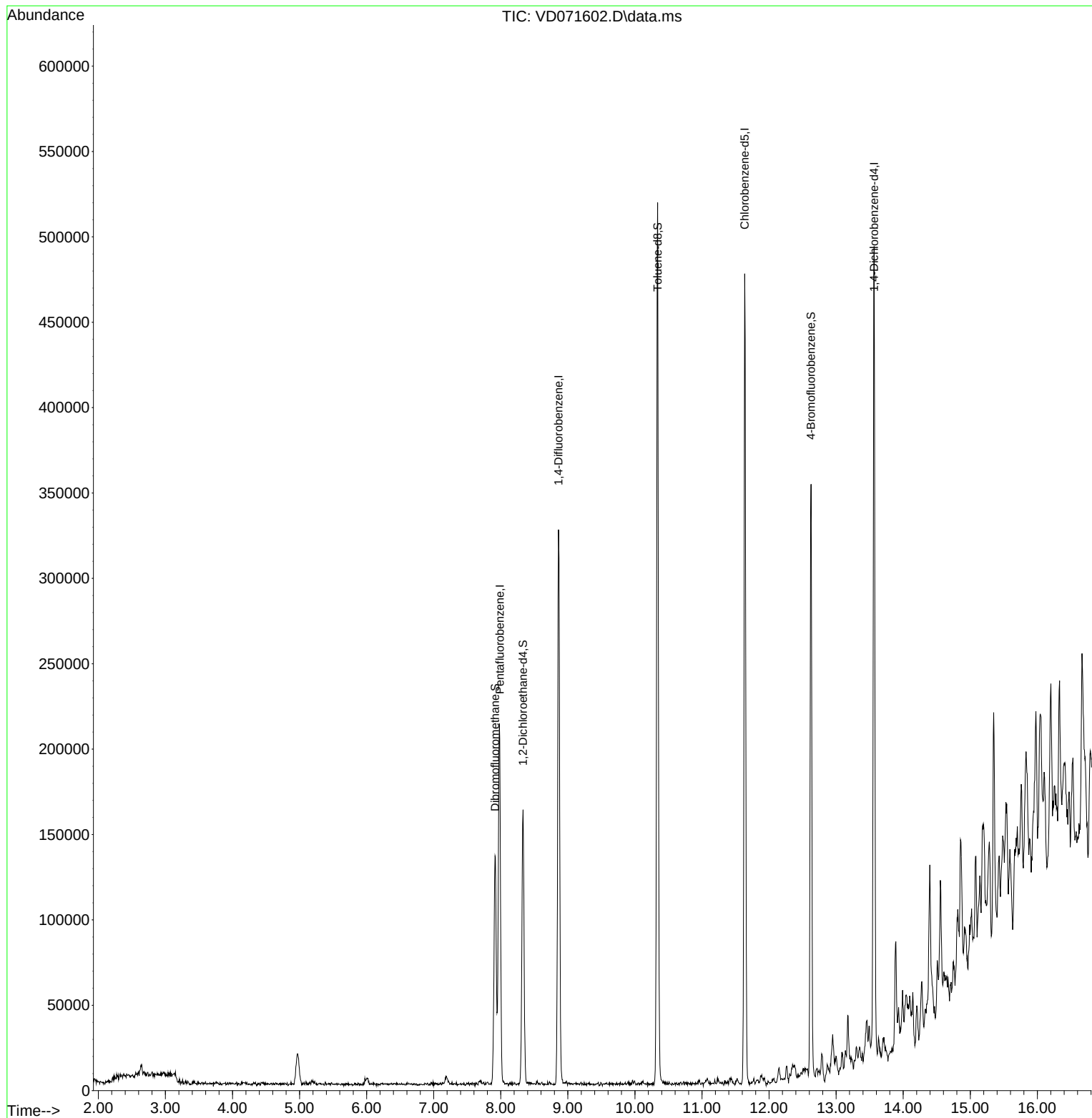
Target Compounds	Qvalue

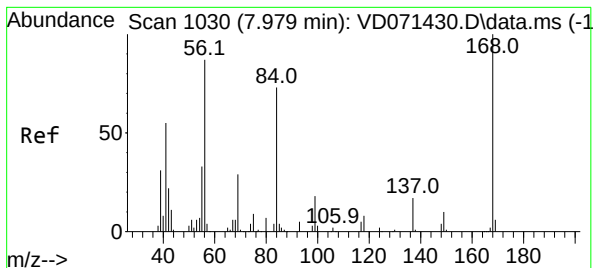
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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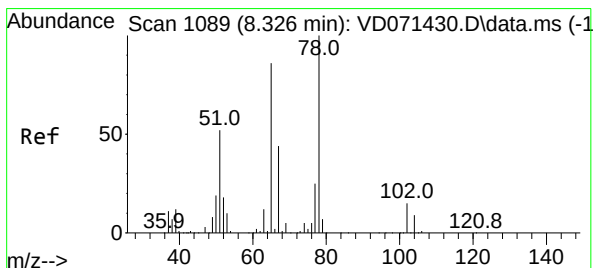
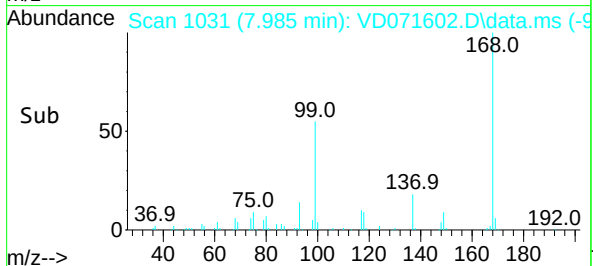
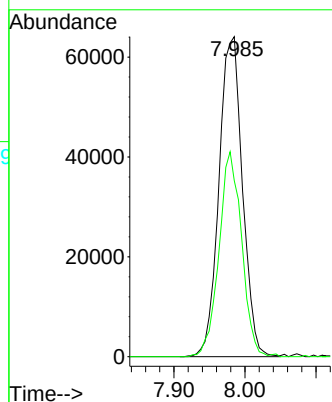
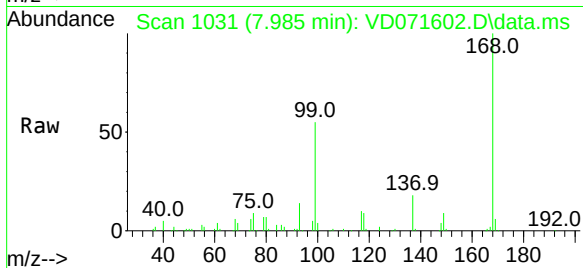




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.012 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

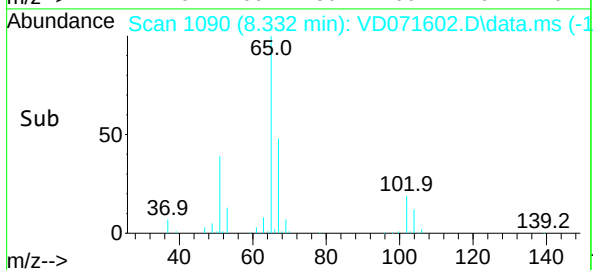
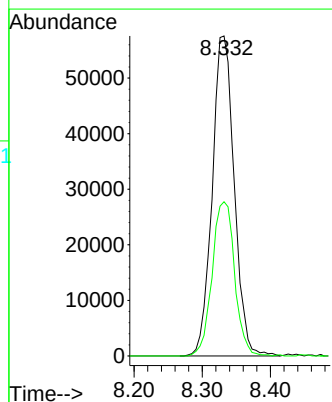
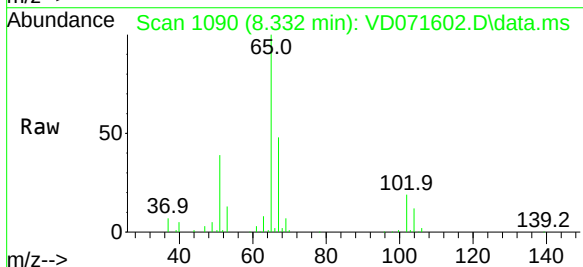
Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

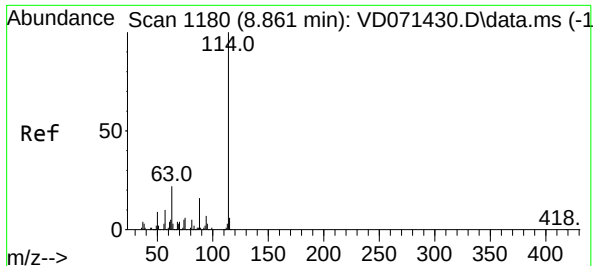
Tgt Ion:168 Resp: 147051
Ion Ratio Lower Upper
168 100
99 55.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 66.268 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

Tgt Ion: 65 Resp: 129420
Ion Ratio Lower Upper
65 100
67 49.2 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: VD071602.D

Acq: 04 Jan 2022 19:26

Instrument :

MSVOA_D

ClientSampleId :

RO-R2-IEC

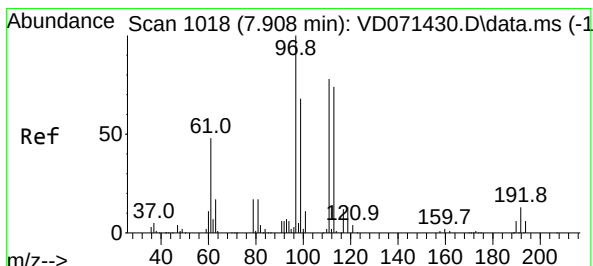
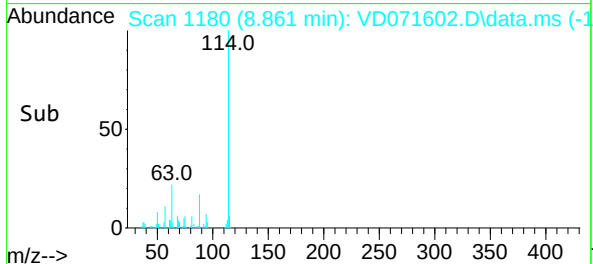
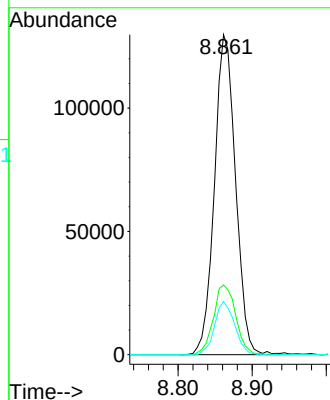
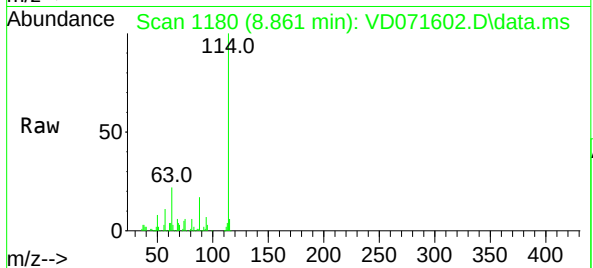
Tgt Ion:114 Resp: 256848

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.101 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071602.D

Acq: 04 Jan 2022 19:26

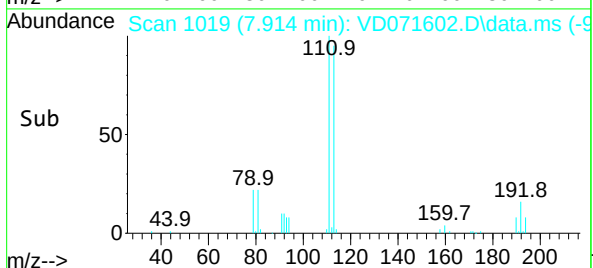
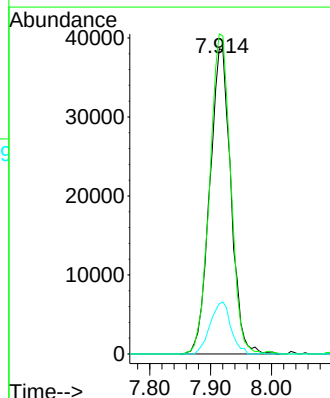
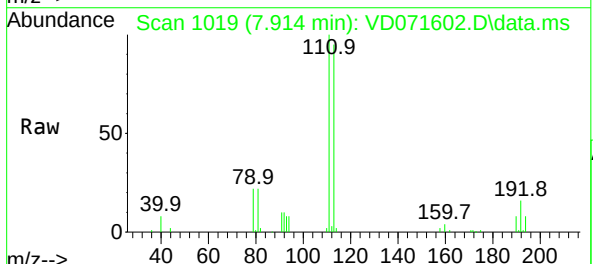
Tgt Ion:113 Resp: 93391

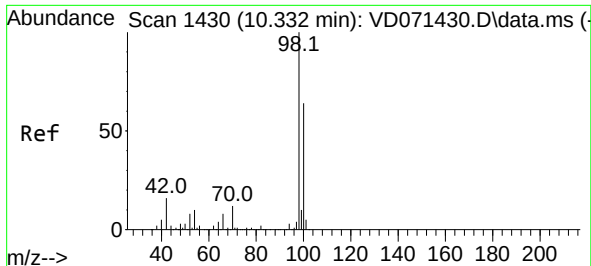
Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 16.6 15.2 22.8

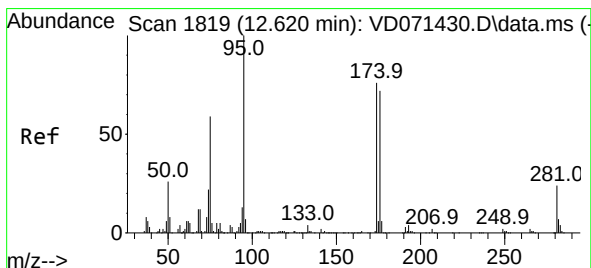
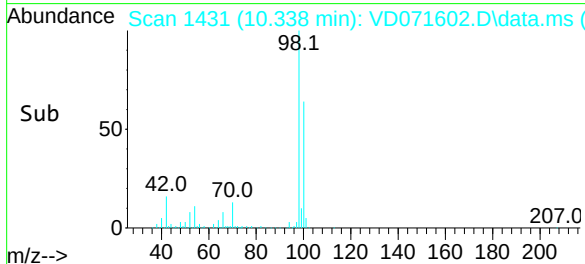
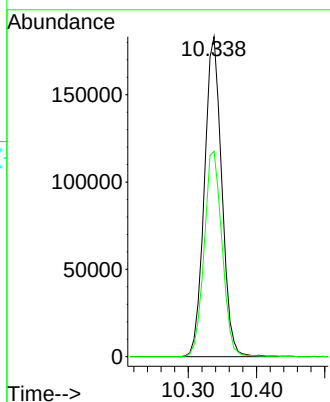
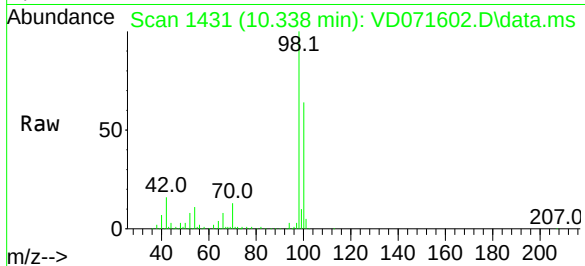




#50
Toluene-d8
Concen: 49.770 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

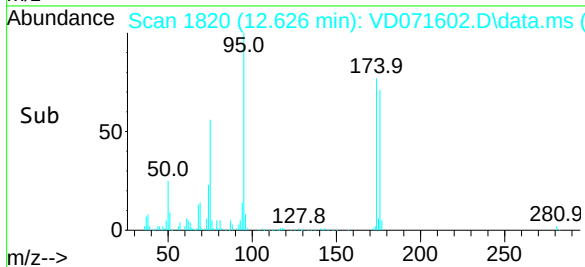
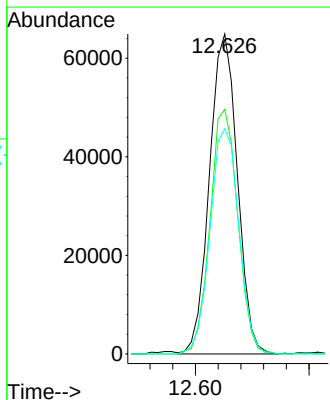
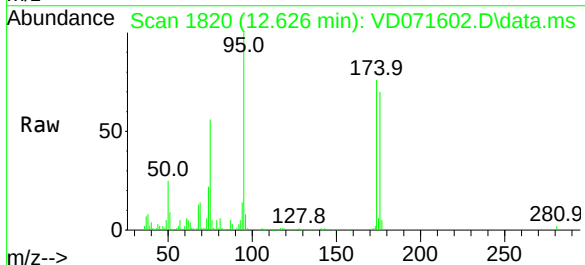
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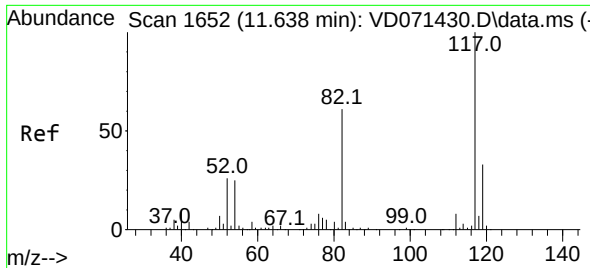
Tgt Ion: 98 Resp: 324671
Ion Ratio Lower Upper
98 100
100 66.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.769 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

Tgt Ion: 95 Resp: 110732
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 72.8 0.0 154.0

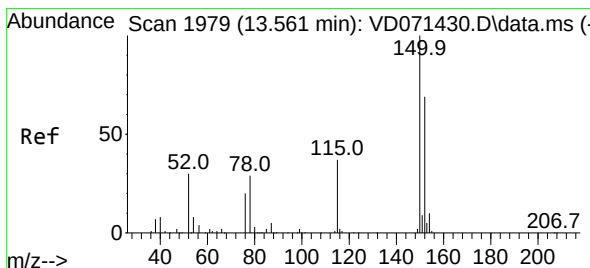
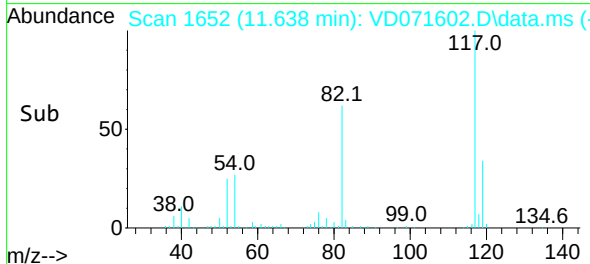
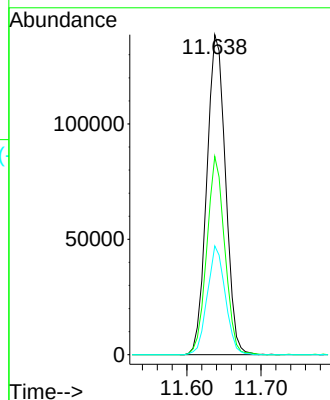
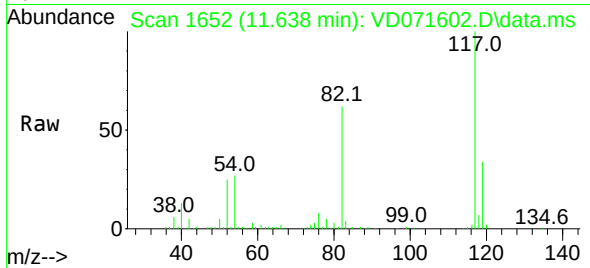




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071602.D
Acq: 04 Jan 2022 19:26

Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

Tgt Ion:117 Resp: 243586
Ion Ratio Lower Upper
117 100
82 61.9 44.7 67.1
119 34.0 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: VD071602.D
Acq: 04 Jan 2022 19:26

Tgt Ion:152 Resp: 112767
Ion Ratio Lower Upper
152 100
115 61.9 29.8 89.3
150 162.1 0.0 349.2

