

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071462.D
 Acq On : 25 Dec 2021 17:12
 Operator : VA/SY
 Sample : M5187-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-10-40

Quant Time: Dec 27 00:50:57 2021
 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	7.973	168	431887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	754177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	675069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	300752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	253488	44.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.380%
35) Dibromofluoromethane	7.914	113	238191	46.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.332	98	951075	49.653	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.620	95	305588	44.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.800%

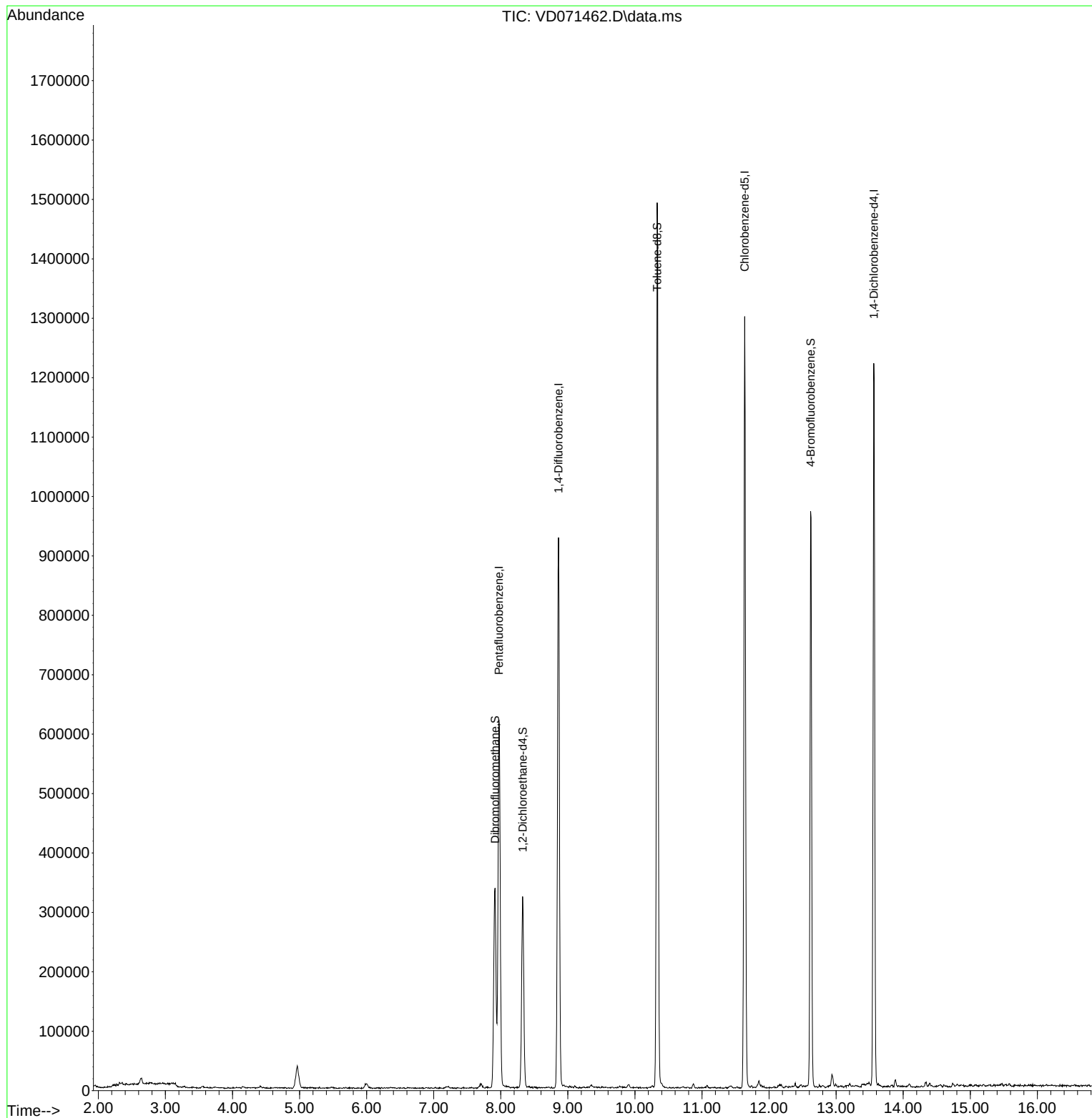
Target Compounds Qvalue

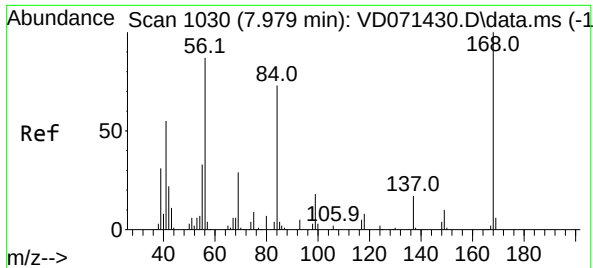
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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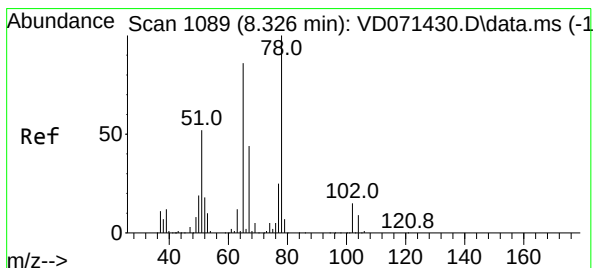
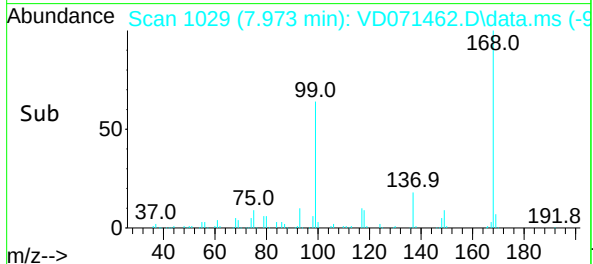
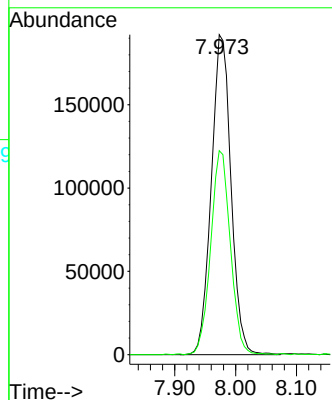
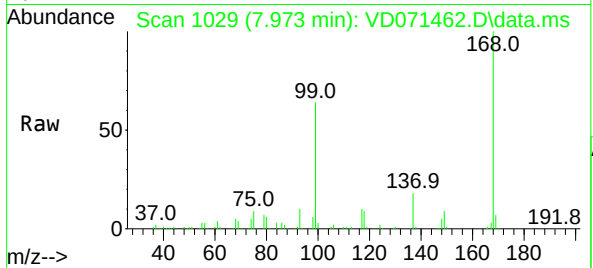




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

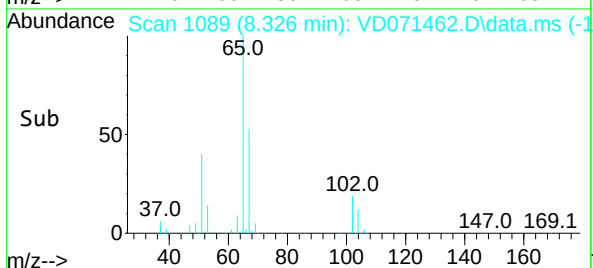
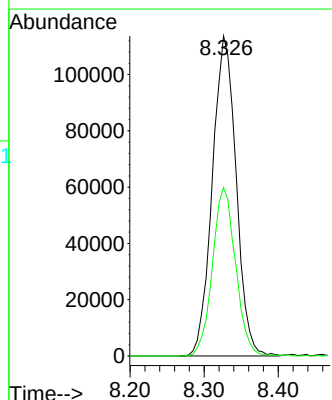
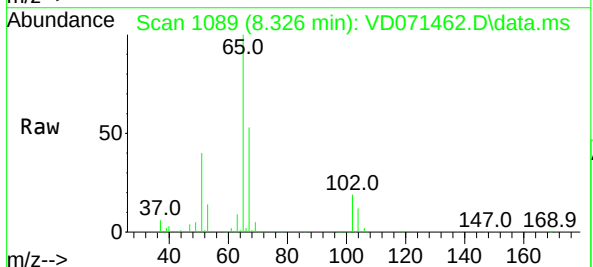
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-10-40

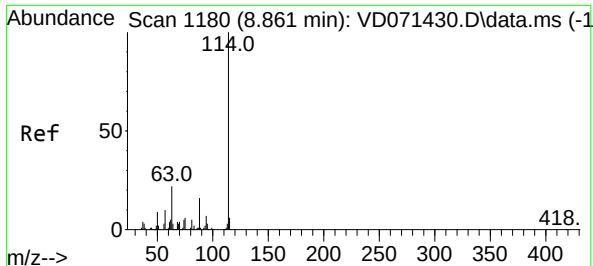
Tgt Ion:168 Resp: 431887
Ion Ratio Lower Upper
168 100
99 63.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 44.194 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Tgt Ion: 65 Resp: 253488
Ion Ratio Lower Upper
65 100
67 51.2 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: VD071462.D

Acq: 25 Dec 2021 17:12

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-10-40

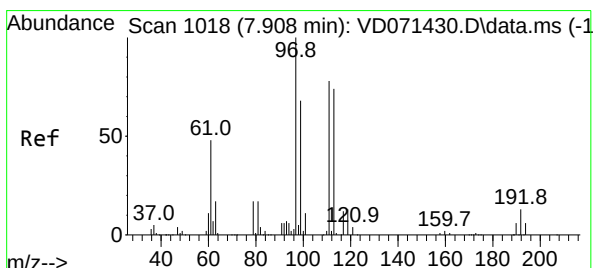
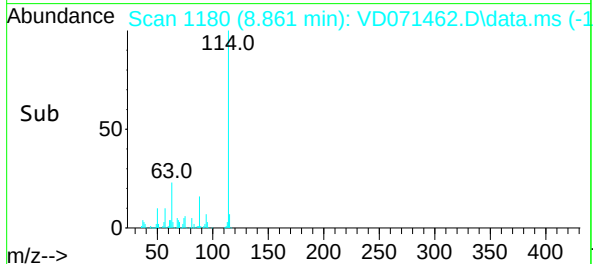
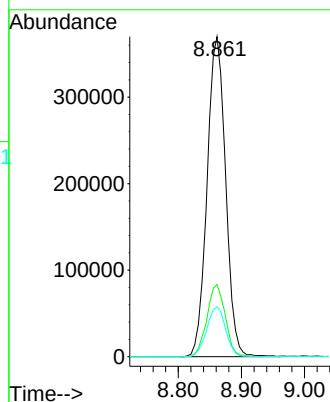
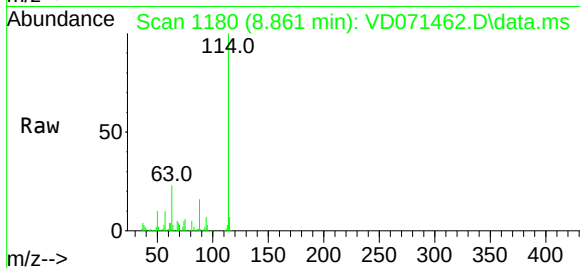
Tgt Ion:114 Resp: 754177

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.993 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071462.D

Acq: 25 Dec 2021 17:12

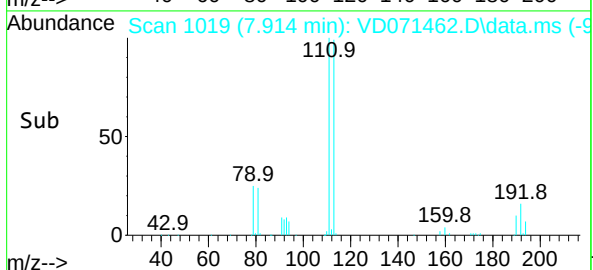
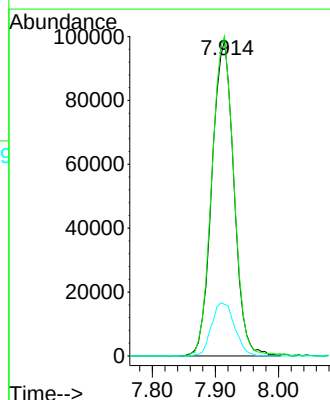
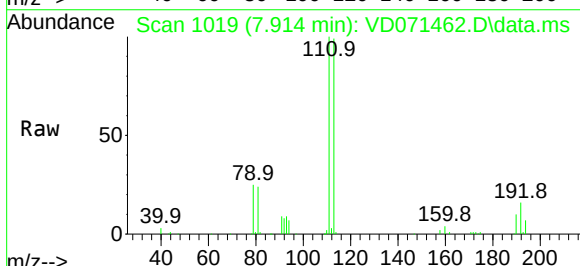
Tgt Ion:113 Resp: 238191

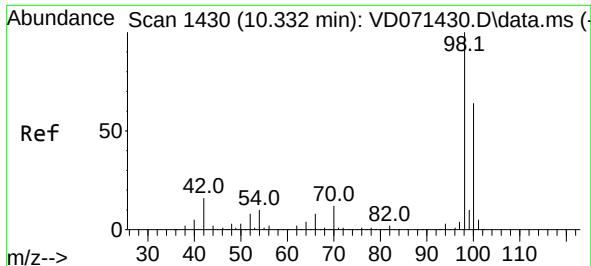
Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 17.8 15.2 22.8

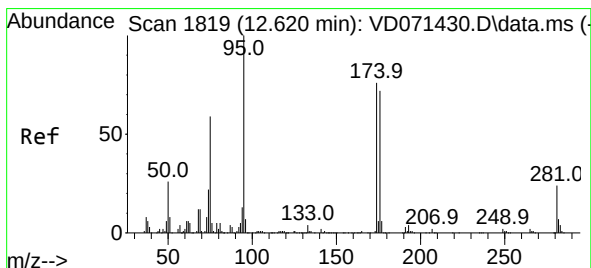
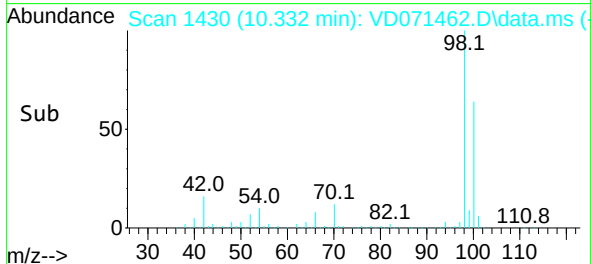
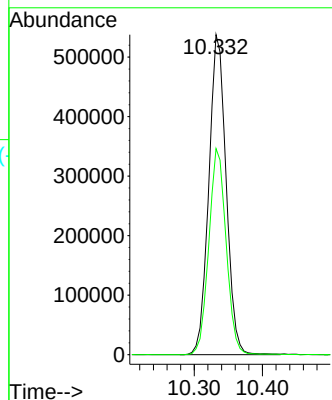
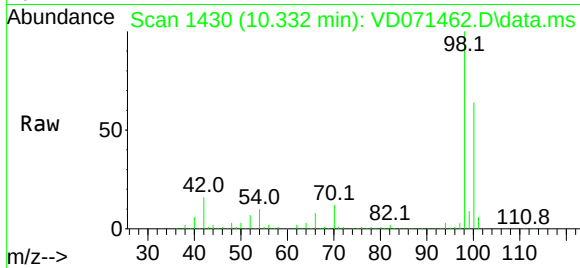




#50
Toluene-d8
Concen: 49.653 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

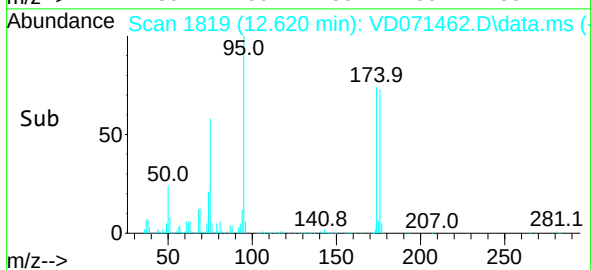
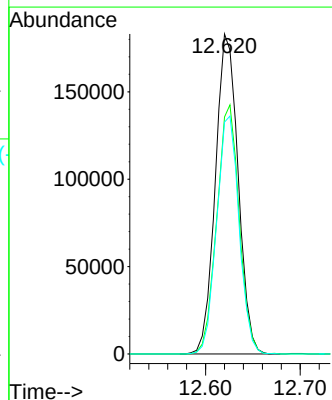
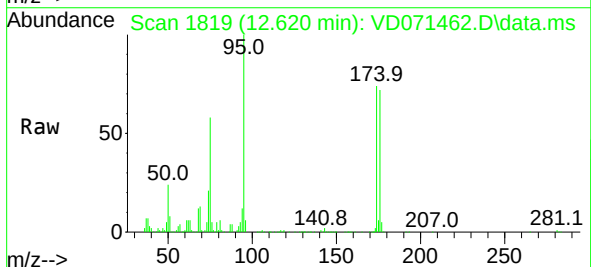
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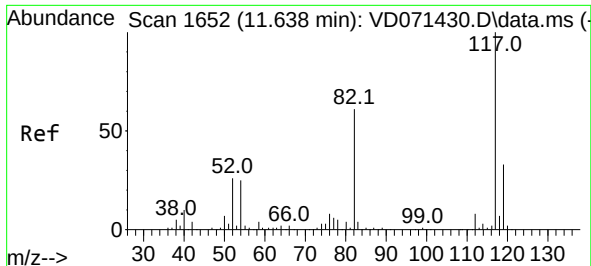
Tgt Ion: 98 Resp: 951075
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.896 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Tgt Ion: 95 Resp: 305588
Ion Ratio Lower Upper
95 100
174 76.6 0.0 159.4
176 73.1 0.0 154.0

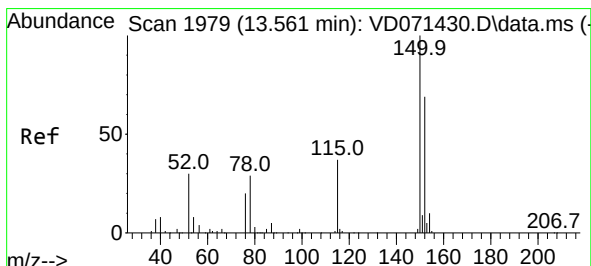
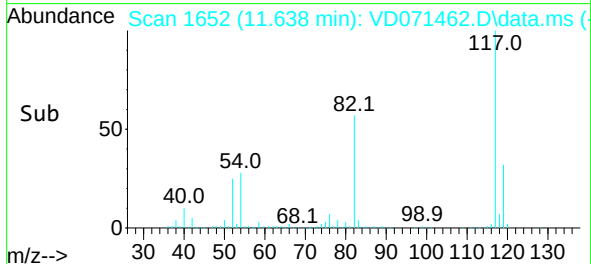
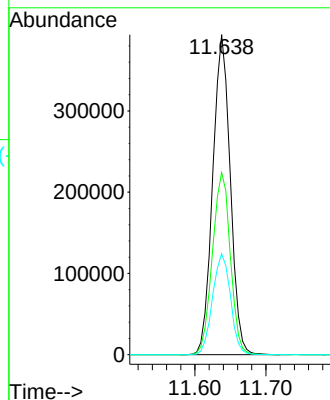
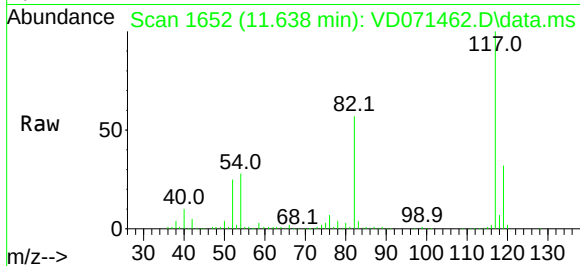




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-10-40

Tgt Ion:117 Resp: 675069
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071462.D
Acq: 25 Dec 2021 17:12

Tgt Ion:152 Resp: 300752
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 156.4 0.0 349.2

