

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071460.D
 Acq On : 25 Dec 2021 16:16
 Operator : VA/SY
 Sample : M5187-01RE
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-0-5RE

Quant Time: Dec 27 00:50:36 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	7.979	168	471784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	824446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	739782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	317456	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	278616	44.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.940%
35) Dibromofluoromethane	7.908	113	258358	46.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.260%
50) Toluene-d8	10.332	98	1030454	49.212	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.620	95	336935	45.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.560%

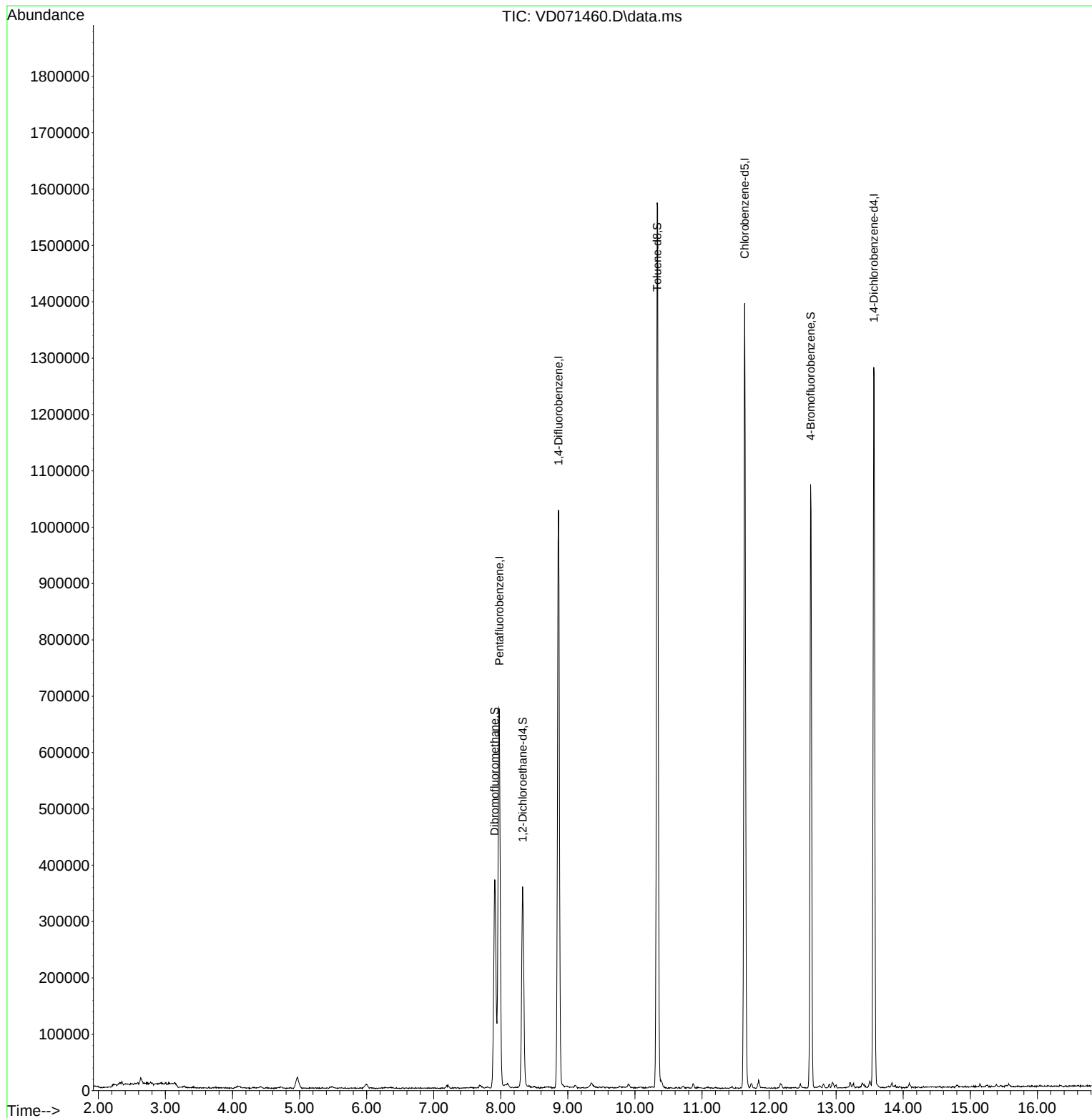
Target Compounds	Qvalue

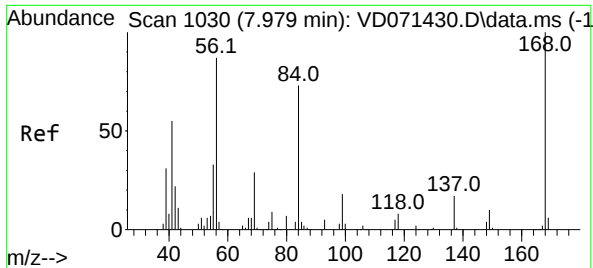
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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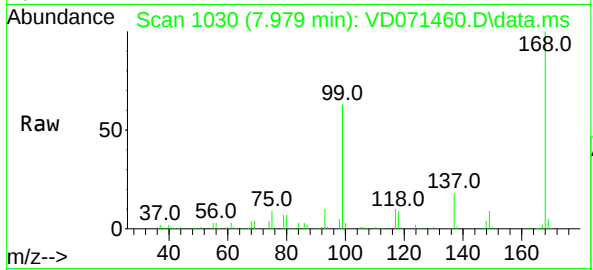
Quant Time: Dec 27 00:50:36 2021
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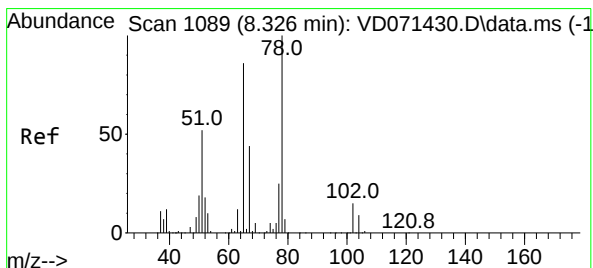
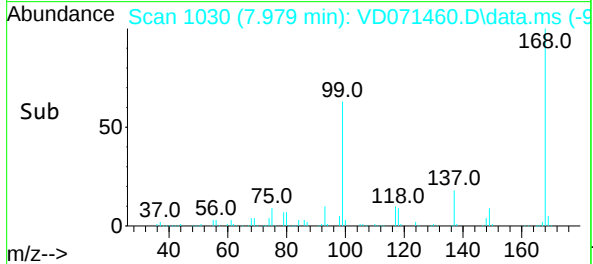
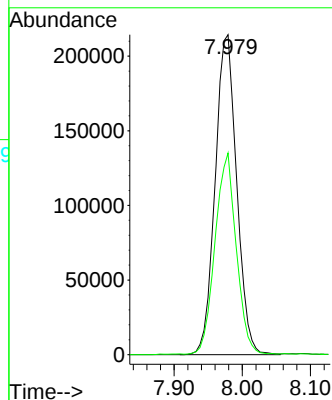


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

Instrument :
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SASP2-119-1-0-5RE

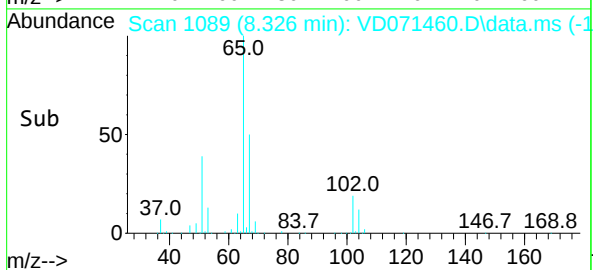
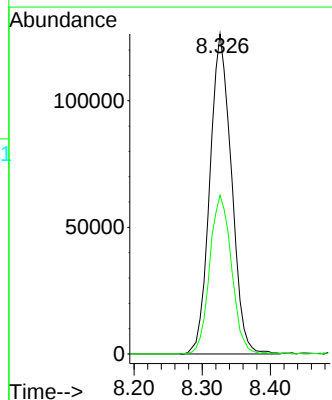
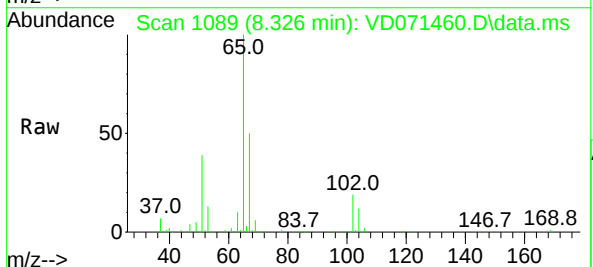


Tgt Ion:168 Resp: 471784
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 44.467 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

Tgt Ion: 65 Resp: 278616
Ion Ratio Lower Upper
65 100
67 49.9 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: VD071460.D

Acq: 25 Dec 2021 16:16

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-0-5RE

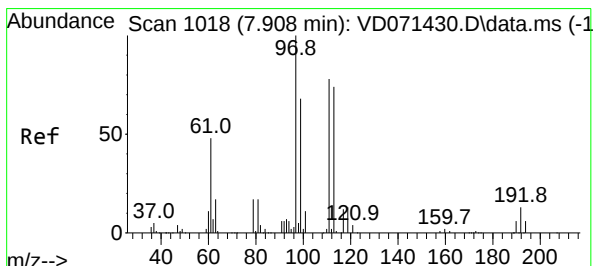
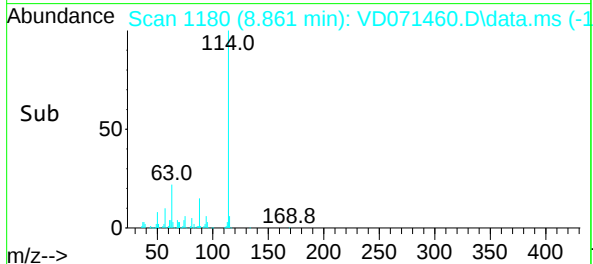
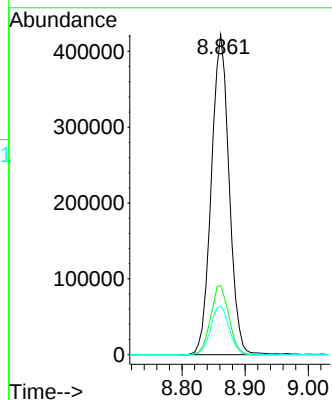
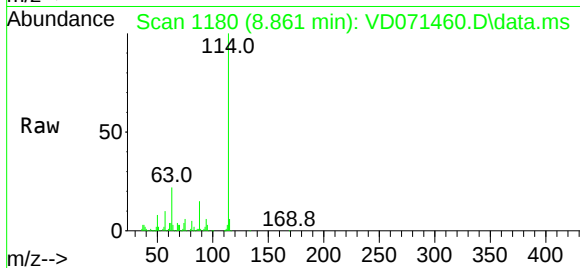
Tgt Ion:114 Resp: 824446

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.627 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071460.D

Acq: 25 Dec 2021 16:16

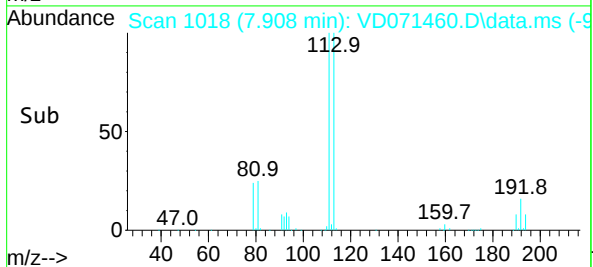
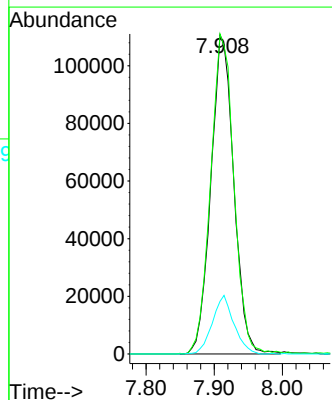
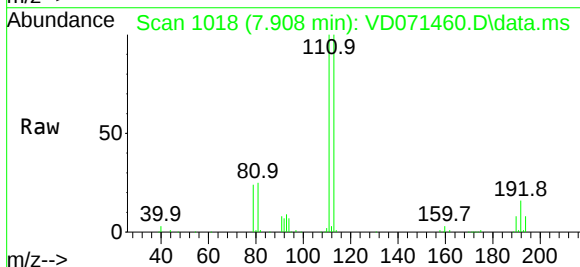
Tgt Ion:113 Resp: 258358

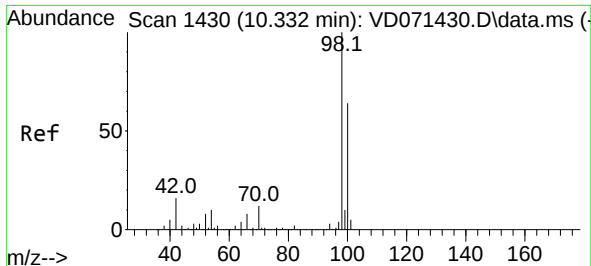
Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

192 17.4 15.2 22.8

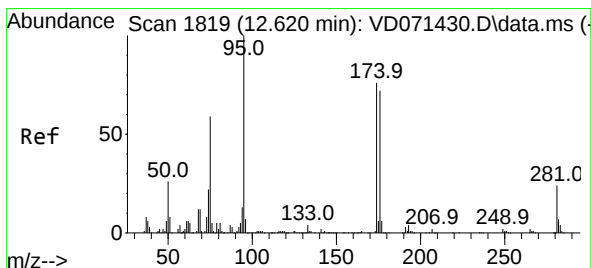
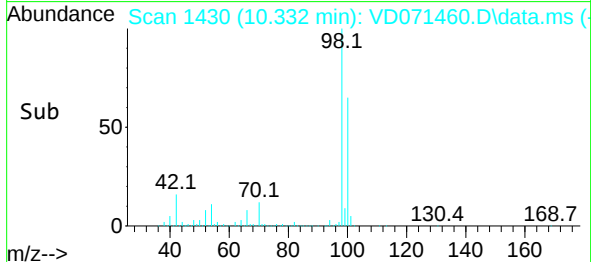
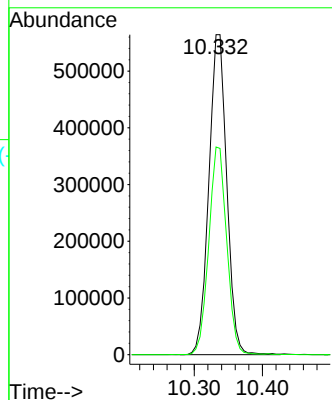
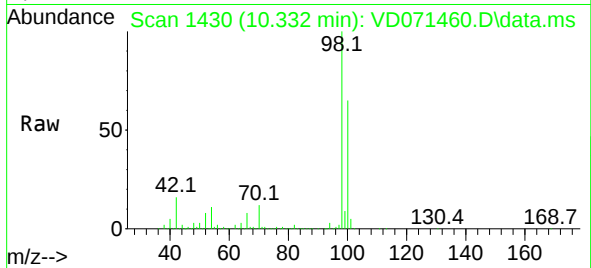




#50
Toluene-d8
Concen: 49.212 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

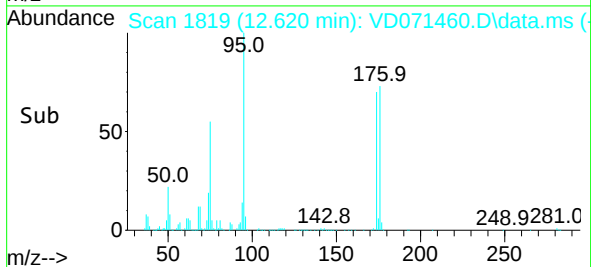
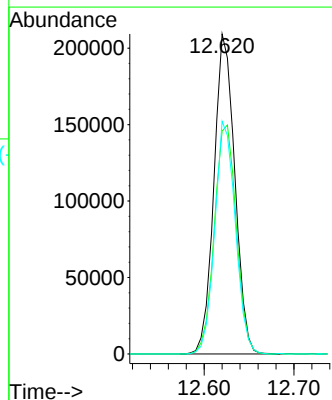
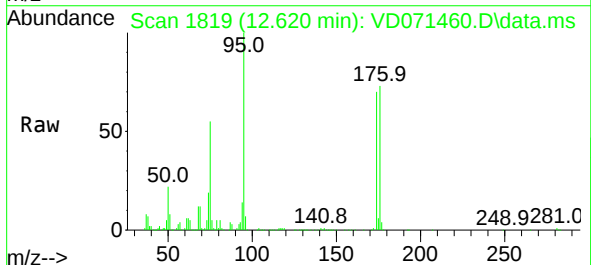
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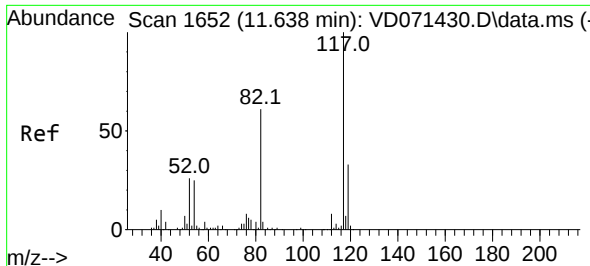
Tgt Ion: 98 Resp: 1030454
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.282 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

Tgt Ion: 95 Resp: 336935
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 72.1 0.0 154.0

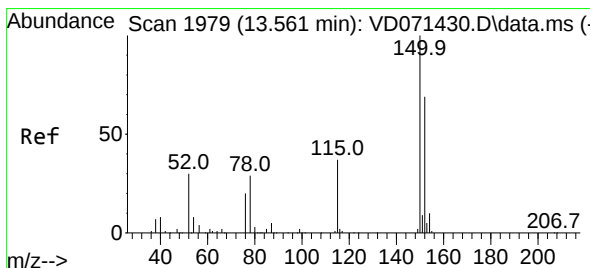
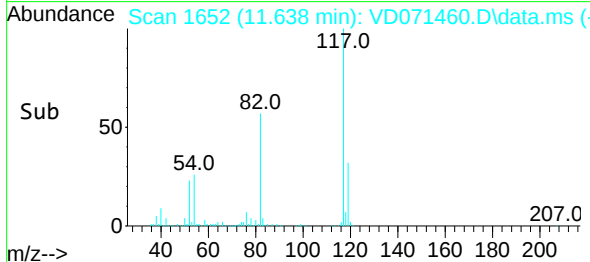
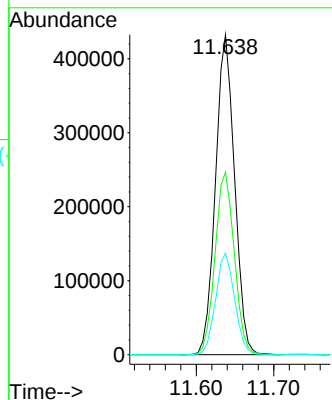
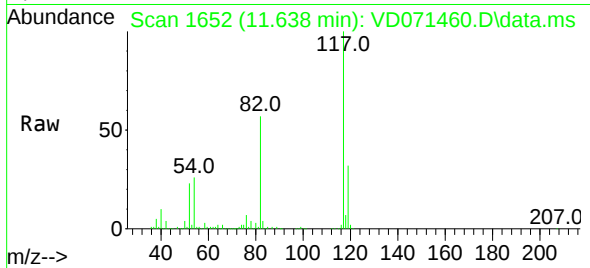




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071460.D
Acq: 25 Dec 2021 16:16

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-0-5RE

Tgt Ion:117 Resp: 739782
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 31.8 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: VD071460.D
Acq: 25 Dec 2021 16:16

Tgt Ion:152 Resp: 317456
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.3
150 159.1 0.0 349.2

