

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071552.D
 Acq On : 30 Dec 2021 16:38
 Operator : VA/SY
 Sample : M5239-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-123-1-10-37

Quant Time: Dec 30 17:23:52 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	341200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	581972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	566241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208336	45.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.960%
35) Dibromofluoromethane	7.909	113	185805	47.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.000%
50) Toluene-d8	10.332	98	730457	49.419	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.620	95	271077	51.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.220%

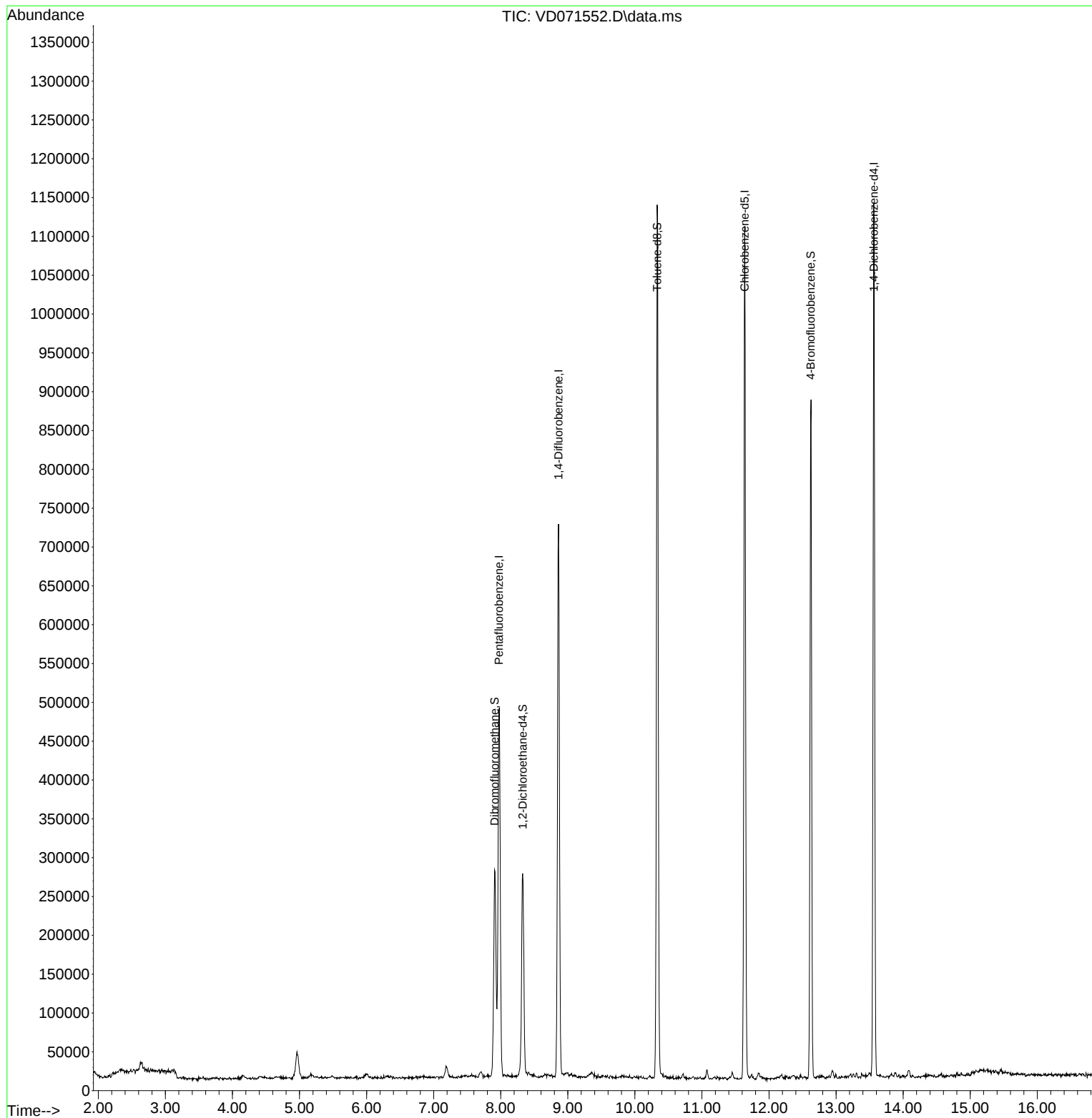
Target Compounds	Qvalue

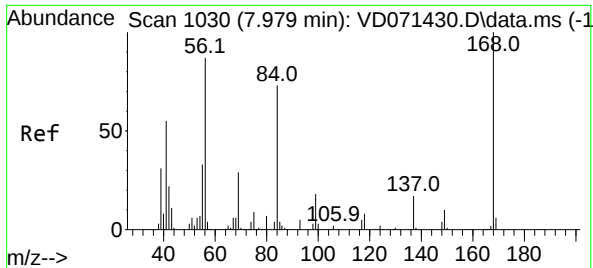
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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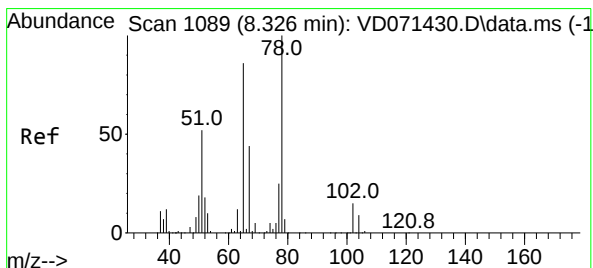
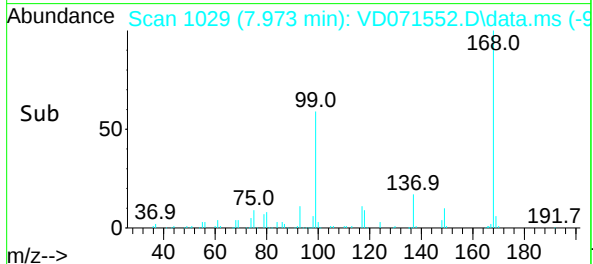
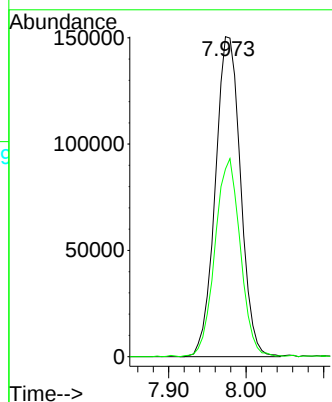
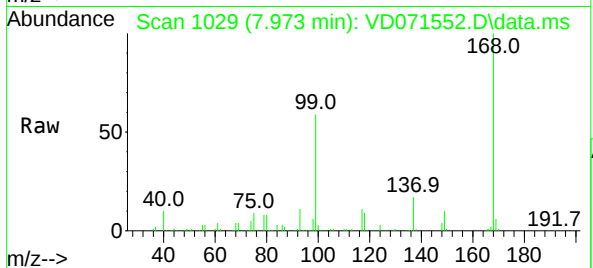




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

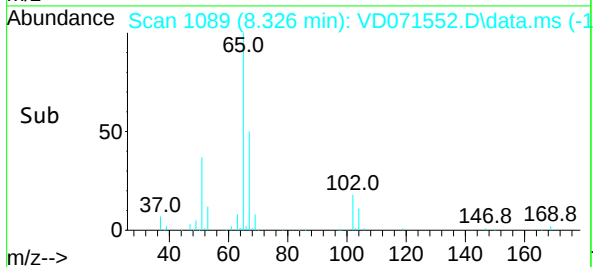
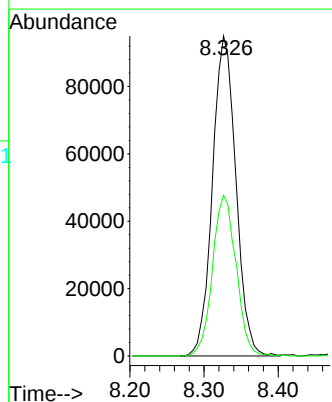
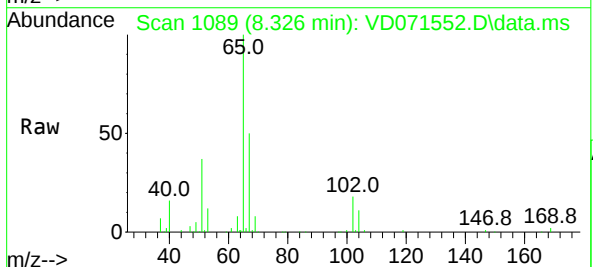
Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

Tgt Ion:168 Resp: 341200
Ion Ratio Lower Upper
168 100
99 58.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 45.976 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Tgt Ion: 65 Resp: 208336
Ion Ratio Lower Upper
65 100
67 50.6 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: VD071552.D

Acq: 30 Dec 2021 16:38

Instrument :

MSVOA_D

ClientSampleId :

SASP2-123-1-10-37

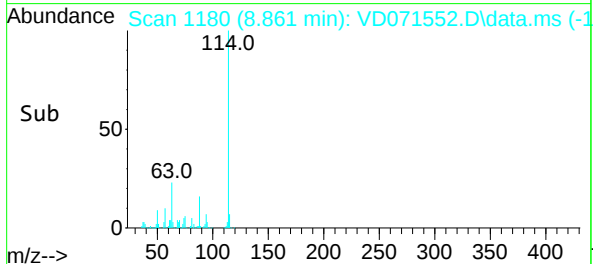
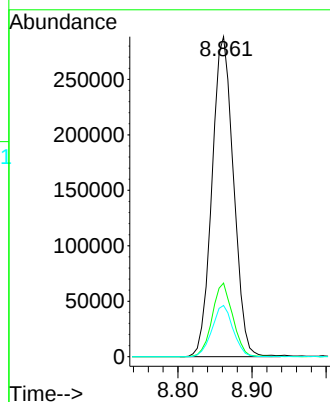
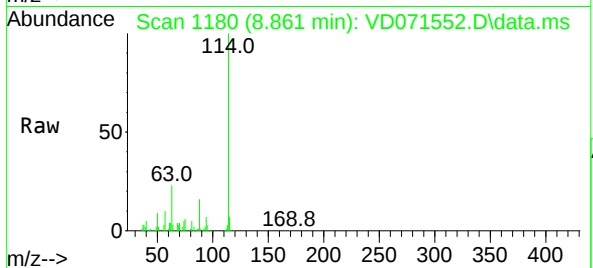
Tgt Ion:114 Resp: 581972

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.505 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD071552.D

Acq: 30 Dec 2021 16:38

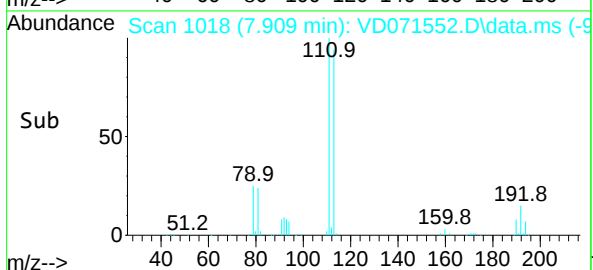
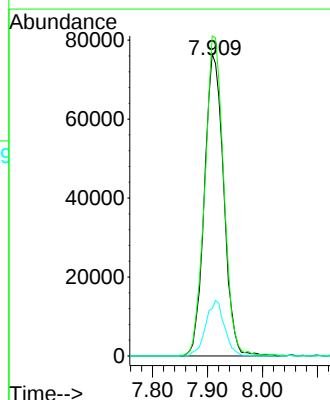
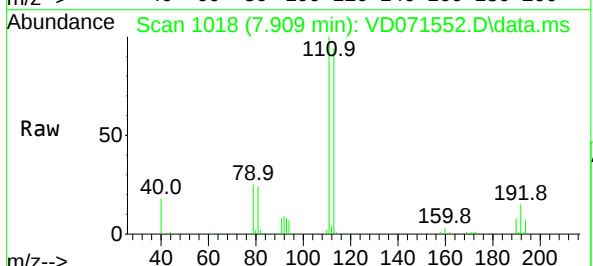
Tgt Ion:113 Resp: 185805

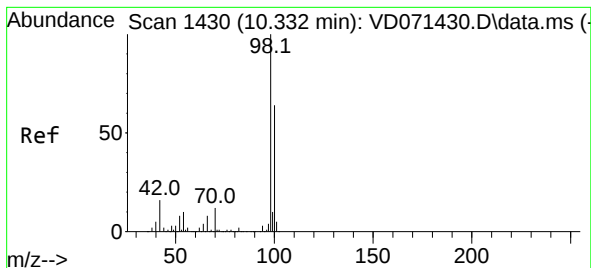
Ion Ratio Lower Upper

113 100

111 104.6 82.0 123.0

192 17.9 15.2 22.8





#50

Toluene-d8

Concen: 49.419 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD071552.D

Acq: 30 Dec 2021 16:38

Instrument :

MSVOA_D

ClientSampleId :

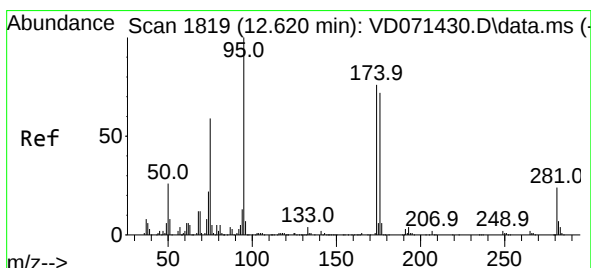
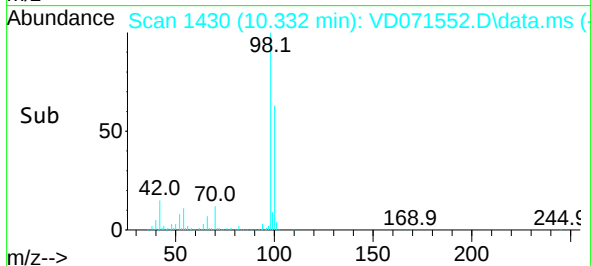
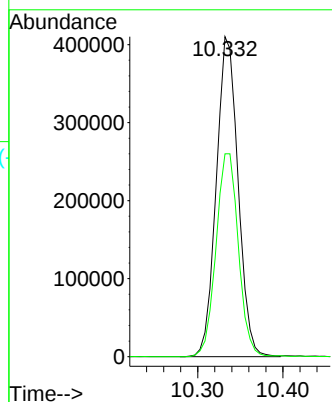
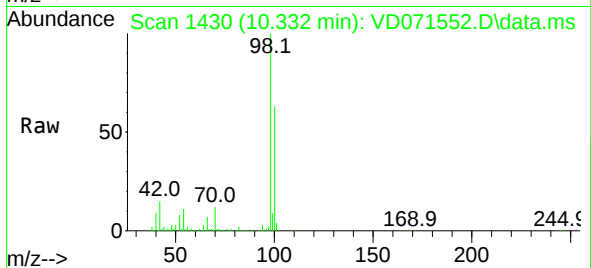
SASP2-123-1-10-37

Tgt Ion: 98 Resp: 730457

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 51.610 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.006 min

Lab File: VD071552.D

Acq: 30 Dec 2021 16:38

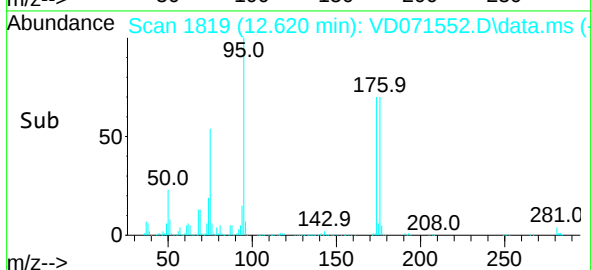
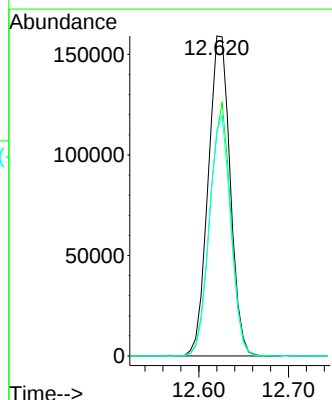
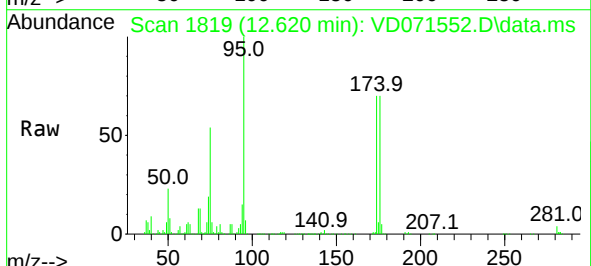
Tgt Ion: 95 Resp: 271077

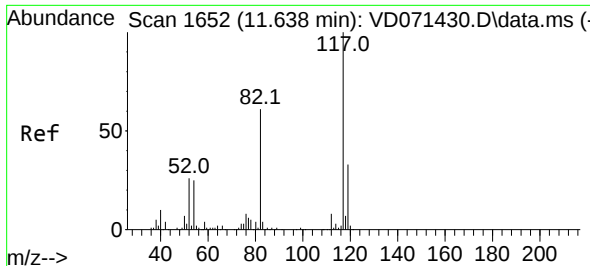
Ion Ratio Lower Upper

95 100

174 75.4 0.0 159.4

176 72.9 0.0 154.0

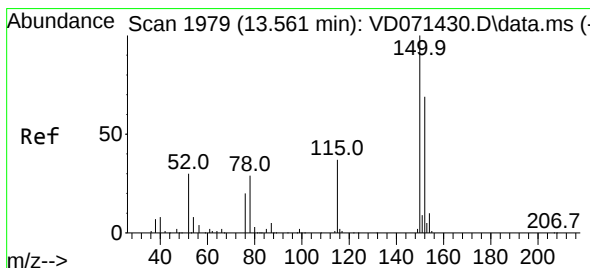
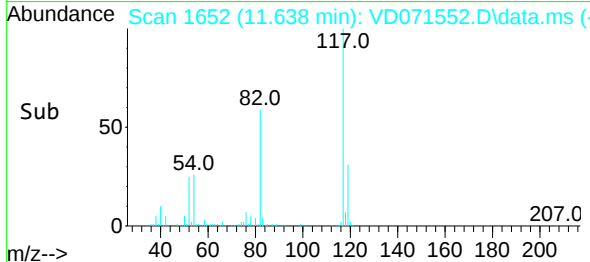
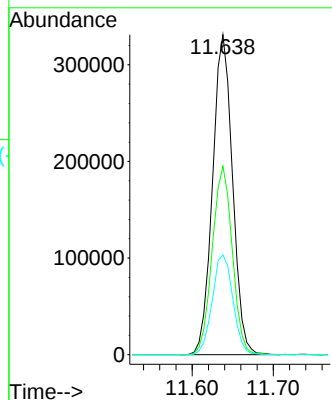
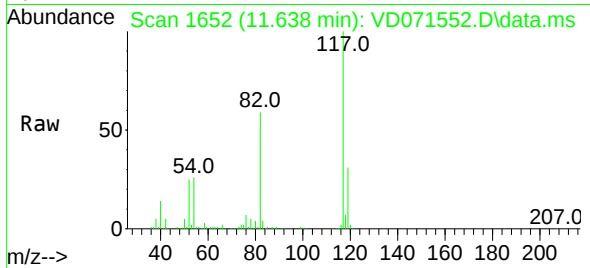




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

Tgt Ion:117 Resp: 566241
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 31.2 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: VD071552.D
Acq: 30 Dec 2021 16:38

Tgt Ion:152 Resp: 273554
Ion Ratio Lower Upper
152 100
115 60.5 29.8 89.3
150 155.0 0.0 349.2

