

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071463.D
 Acq On : 25 Dec 2021 17:40
 Operator : VA/SY
 Sample : M5187-04
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-40-57

Quant Time: Dec 27 00:51:07 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	416656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	747225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	672499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	295130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255233	46.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.240%
35) Dibromofluoromethane	7.914	113	234245	46.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.280%
50) Toluene-d8	10.332	98	933709	49.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.620	95	303017	44.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.860%

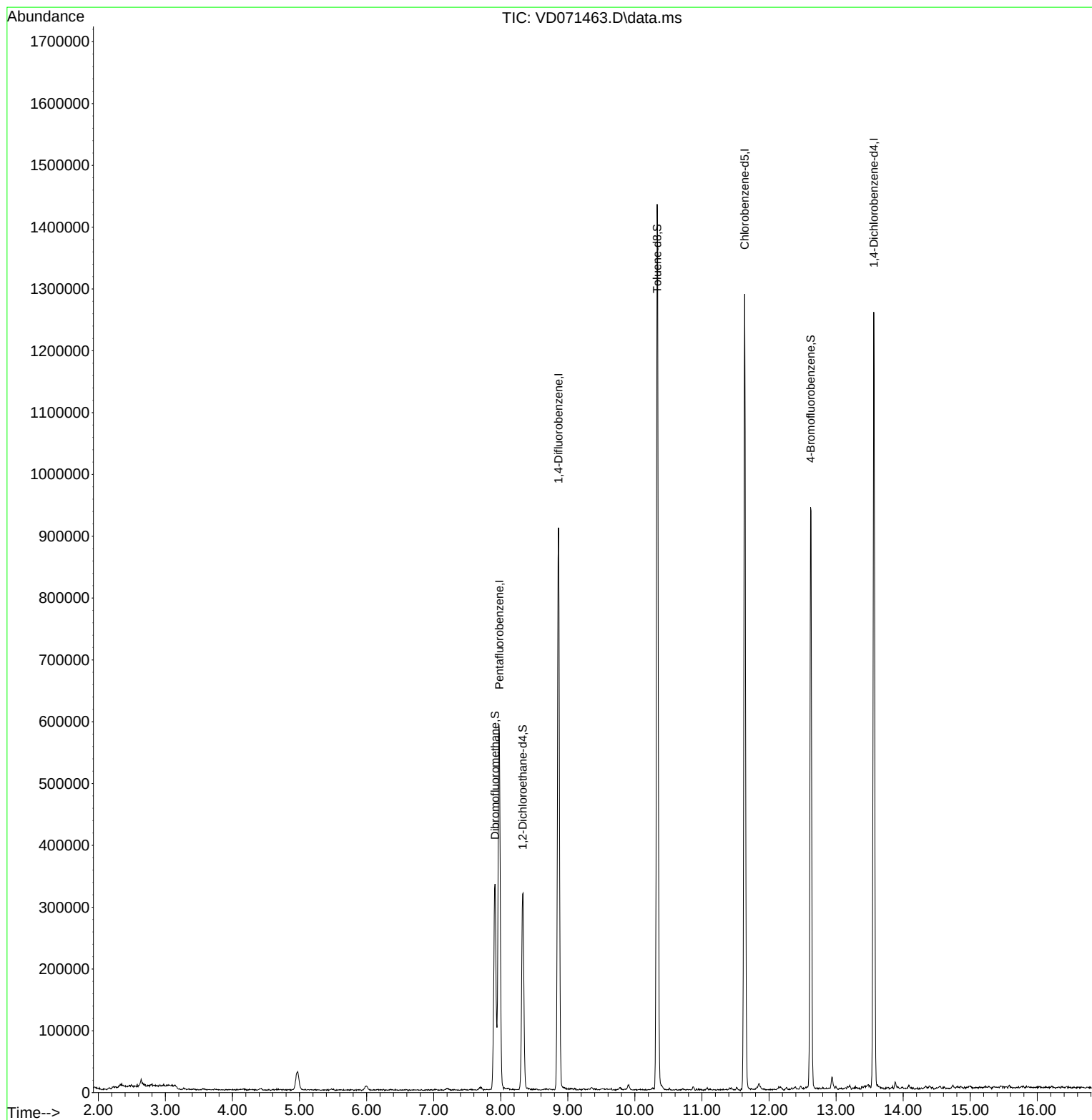
Target Compounds	Qvalue

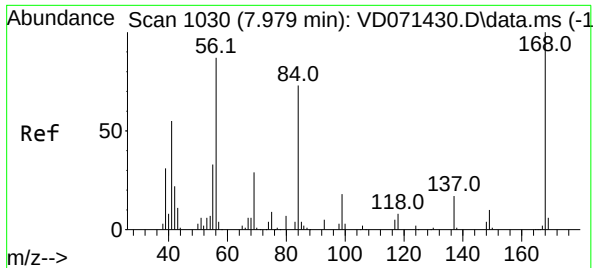
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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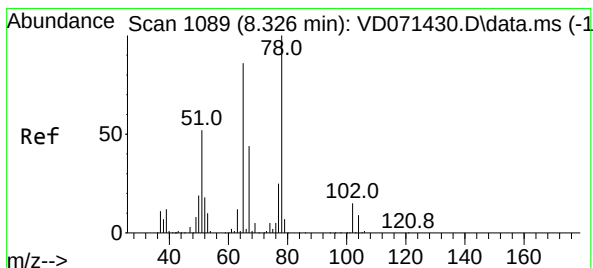
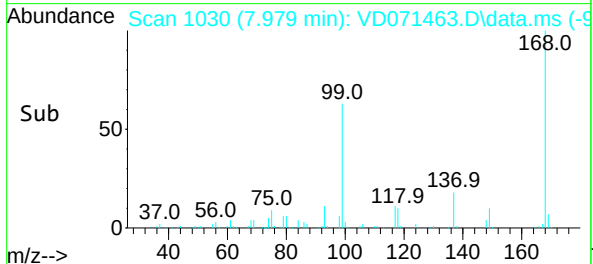
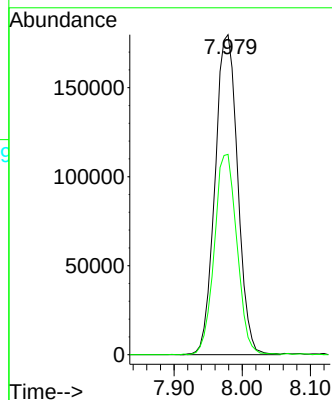
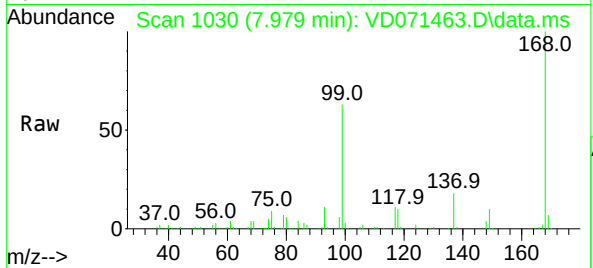




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

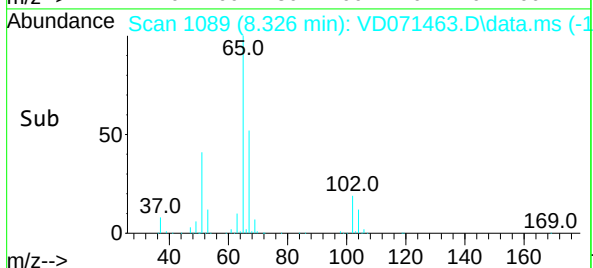
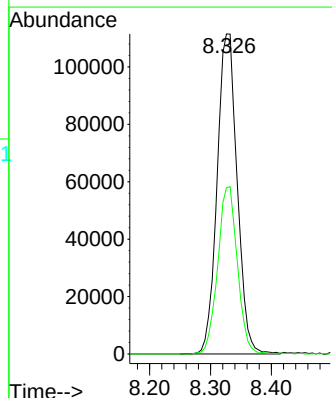
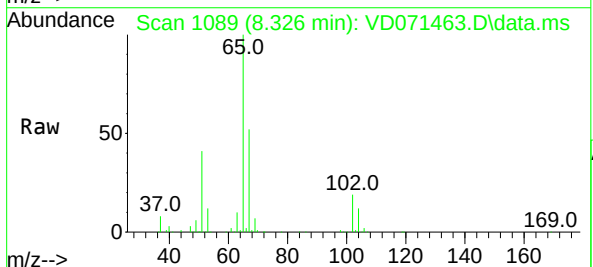
Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-40-57

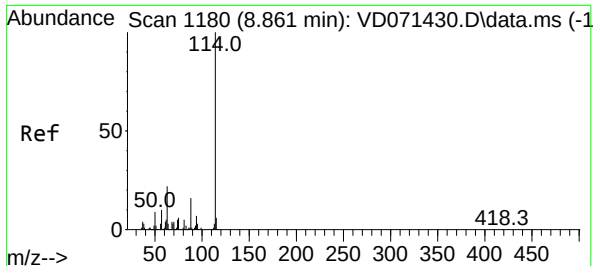
Tgt Ion:168 Resp: 416656
Ion Ratio Lower Upper
168 100
99 62.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 46.125 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Tgt Ion: 65 Resp: 255233
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: VD071463.D

Acq: 25 Dec 2021 17:40

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-40-57

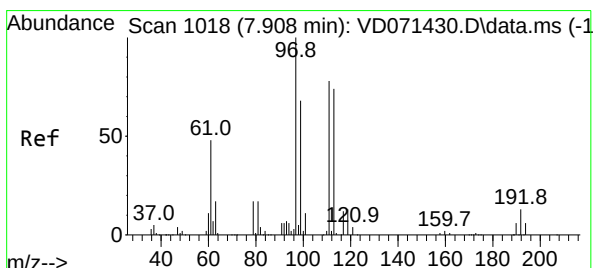
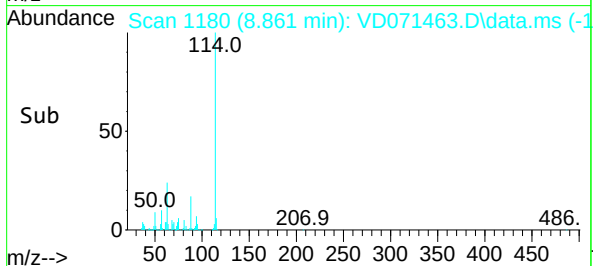
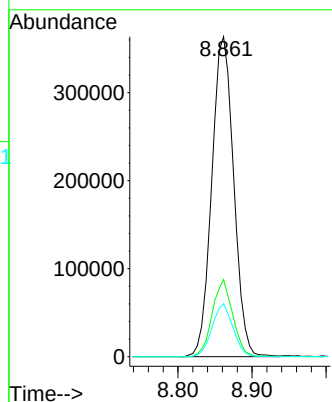
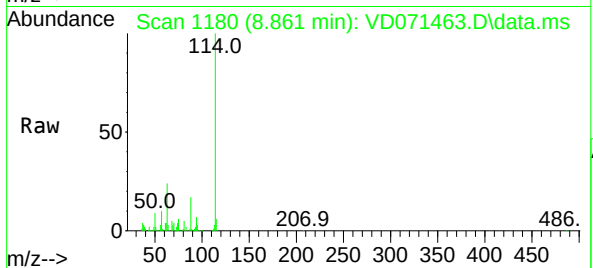
Tgt Ion:114 Resp: 747225

Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.644 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071463.D

Acq: 25 Dec 2021 17:40

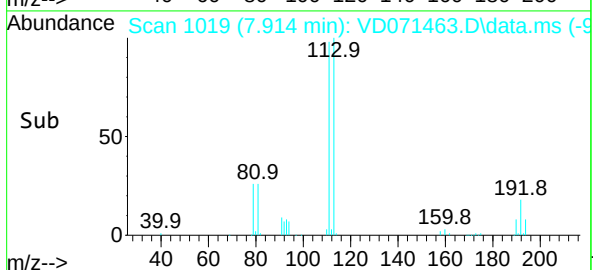
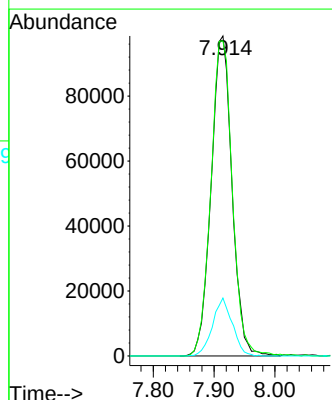
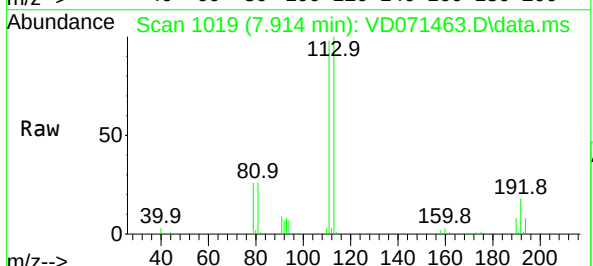
Tgt Ion:113 Resp: 234245

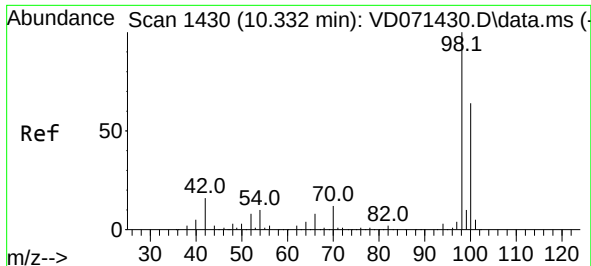
Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

192 17.2 15.2 22.8

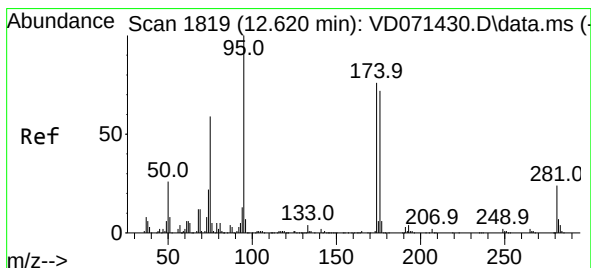
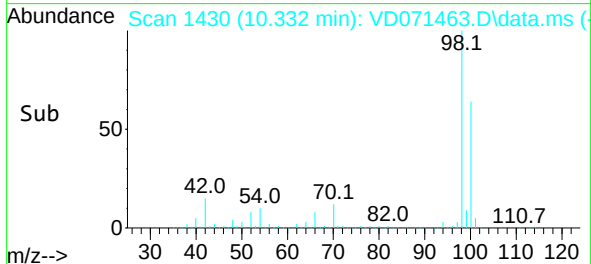
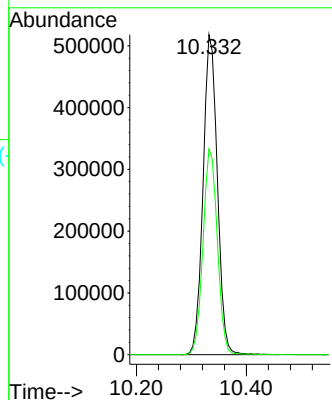
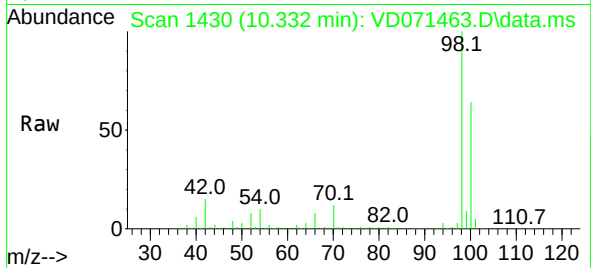




#50
Toluene-d8
Concen: 49.200 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

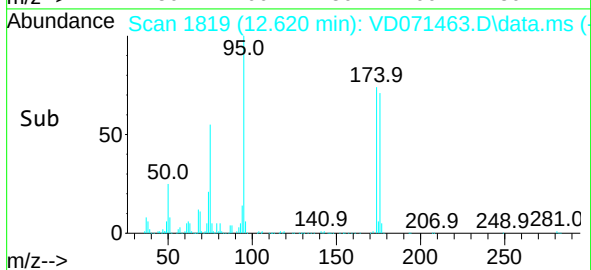
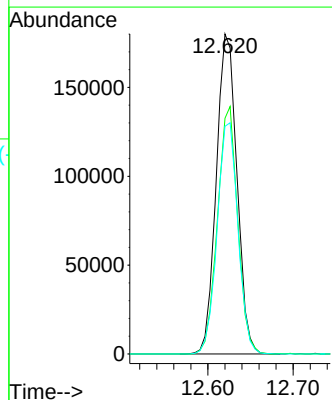
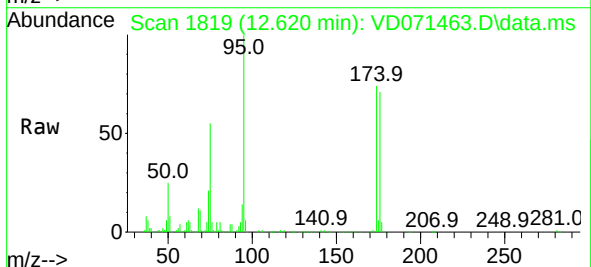
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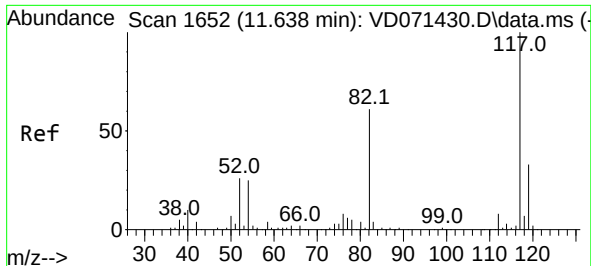
Tgt Ion: 98 Resp: 933709
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.933 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Tgt Ion: 95 Resp: 303017
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 72.7 0.0 154.0

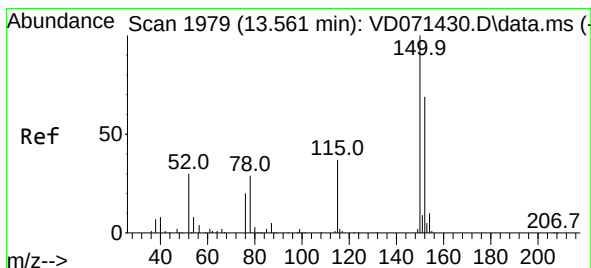
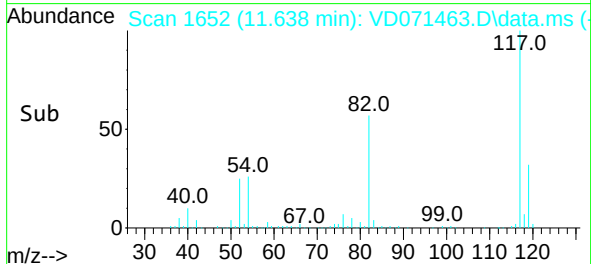
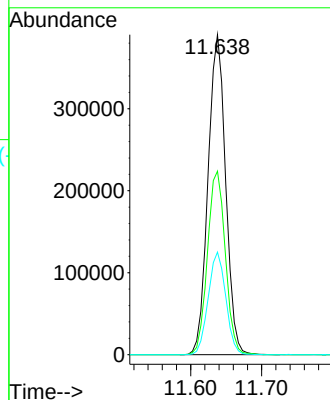
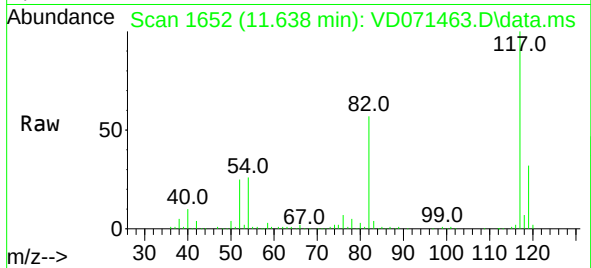




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071463.D
Acq: 25 Dec 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-40-57

Tgt Ion:117 Resp: 672499
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 32.0 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: VD071463.D
Acq: 25 Dec 2021 17:40

Tgt Ion:152 Resp: 295130
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 158.2 0.0 349.2

