

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071341.D
 Acq On : 15 Dec 2021 14:32
 Operator : VA/SY
 Sample : M5082-01
 Misc : 3.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-121-1(35-52)

Quant Time: Dec 16 04:27:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	189209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	330901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	395528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	199561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	117608	52.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.940%	
35) Dibromofluoromethane	7.914	113	109680	52.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.100%	
50) Toluene-d8	10.338	98	435286	54.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	12.626	95	194317	69.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 139.820%	

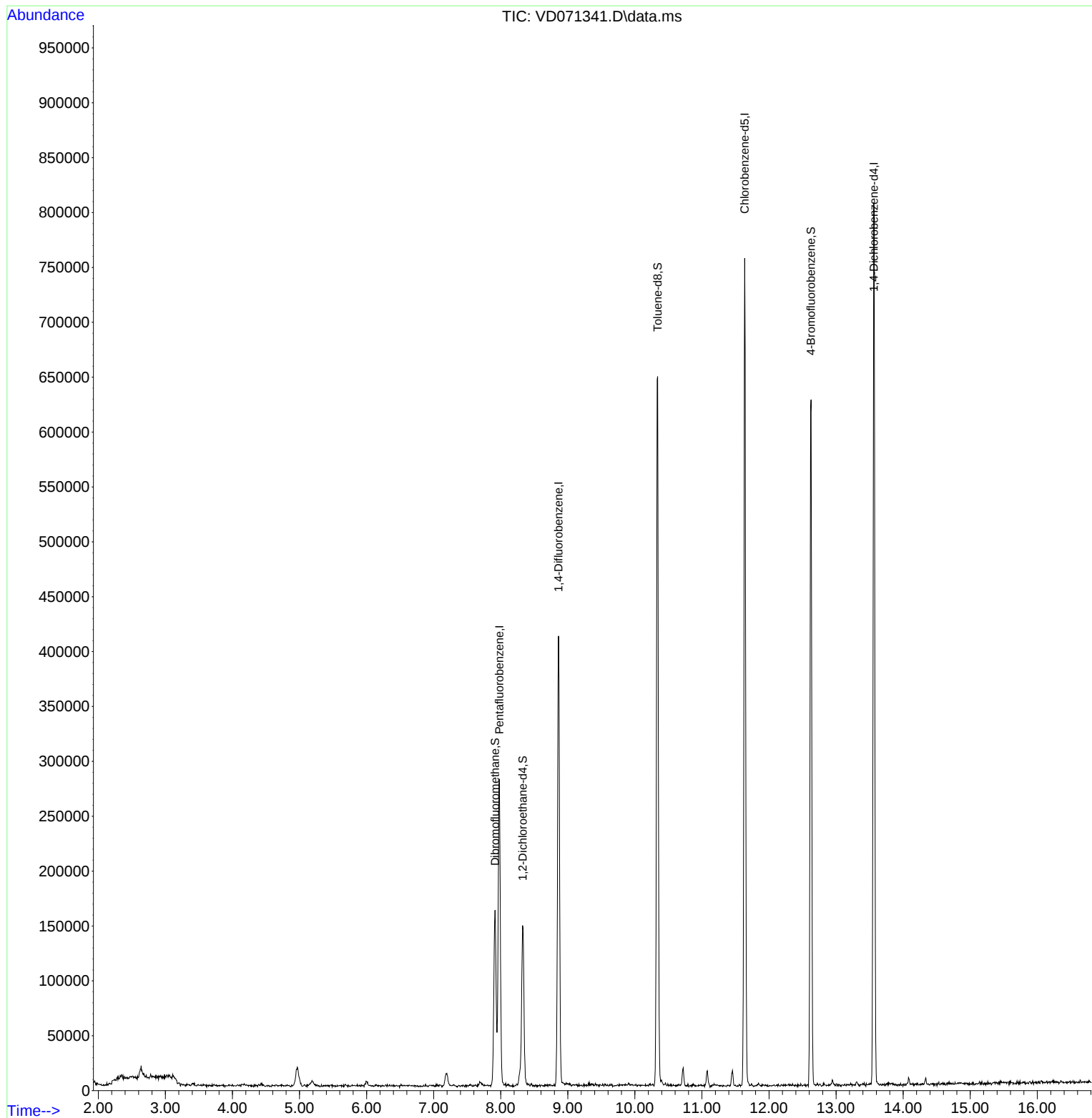
Target Compounds	Qvalue

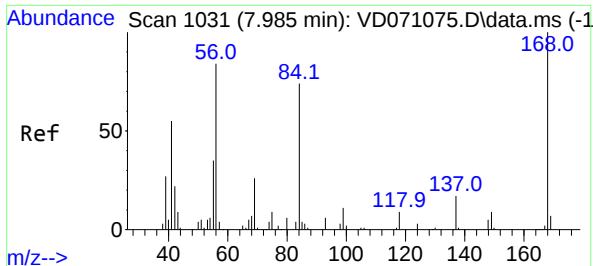
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD071341.D

Acq: 15 Dec 2021 14:32

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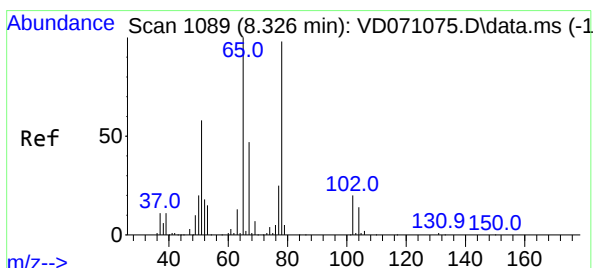
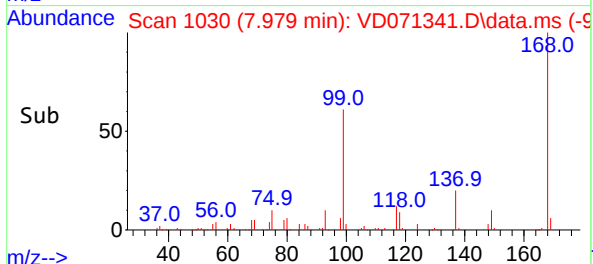
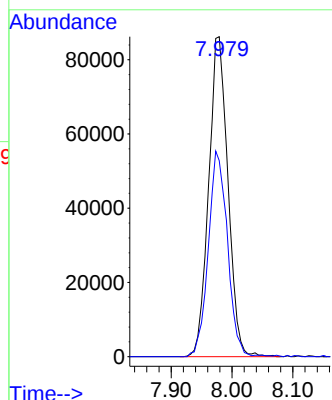
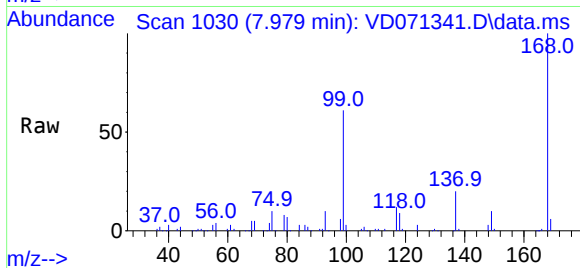
SASP2-121-1(35-52)

Tgt Ion:168 Resp: 189209

Ion Ratio Lower Upper

168 100

99 61.3 46.6 69.8



1,2-Dichloroethane-d4

Concen: 52.973 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071341.D

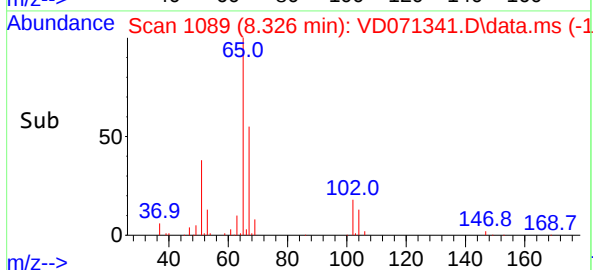
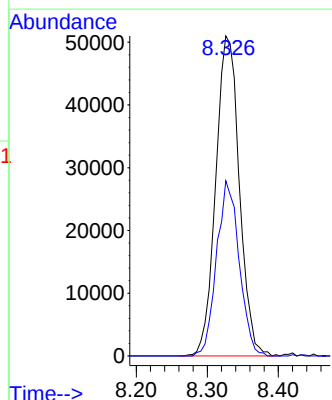
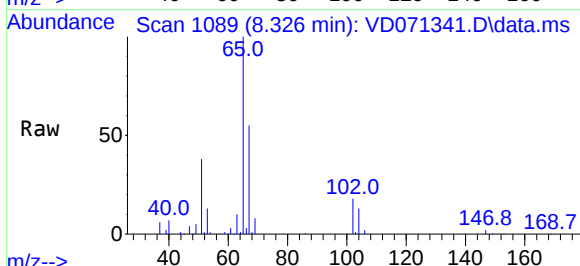
Acq: 15 Dec 2021 14:32

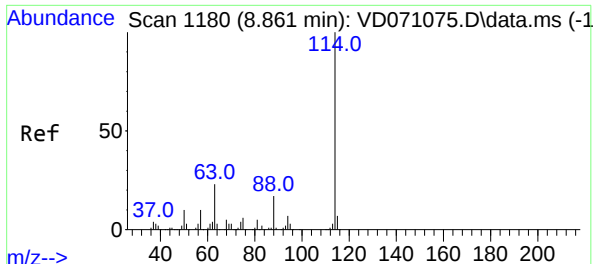
Tgt Ion: 65 Resp: 117608

Ion Ratio Lower Upper

65 100

67 52.2 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: VD071341.D

Acq: 15 Dec 2021 14:32

Instrument :

MSVOA_D

ClientSampleId :

SASP2-121-1(35-52)

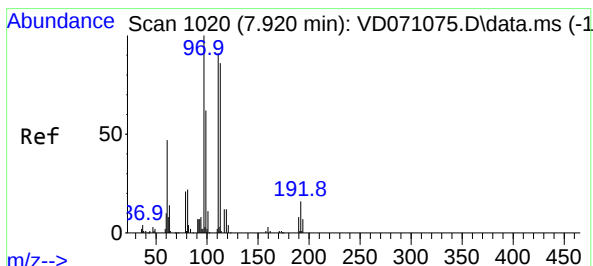
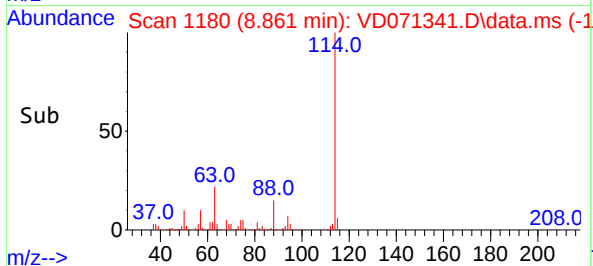
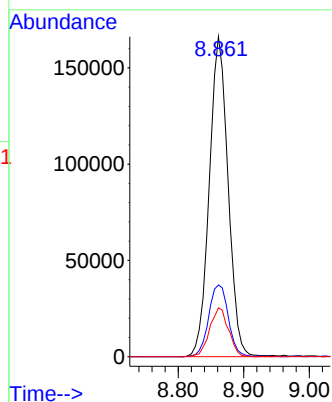
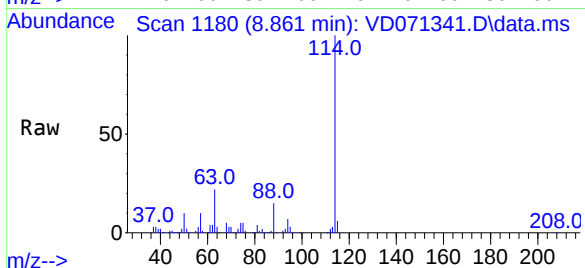
Tgt Ion:114 Resp: 330901

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.052 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071341.D

Acq: 15 Dec 2021 14:32

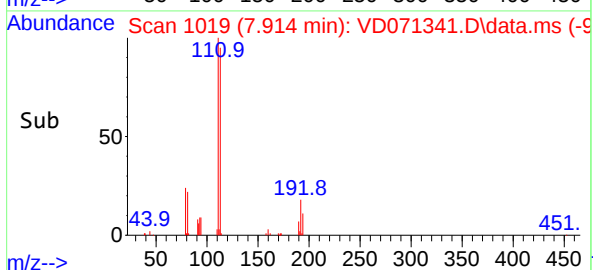
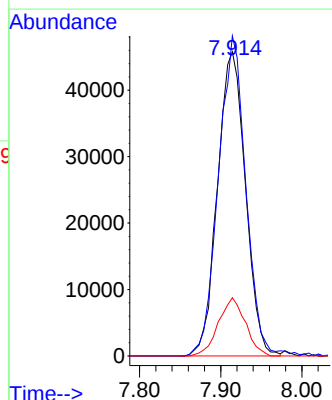
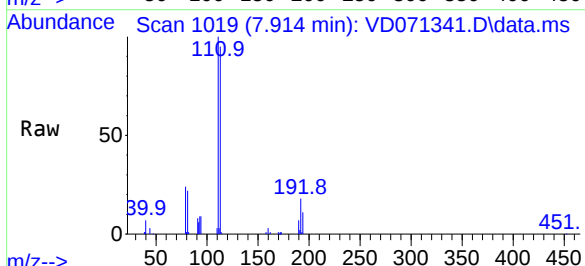
Tgt Ion:113 Resp: 109680

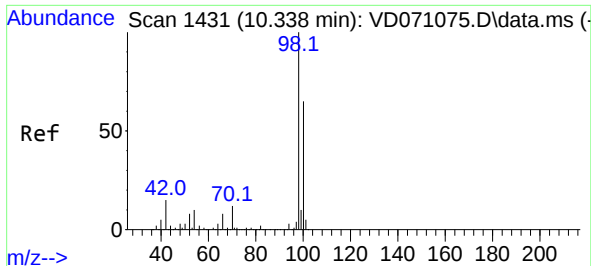
Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 18.5 15.2 22.8

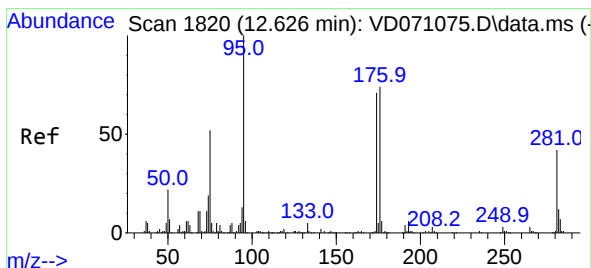
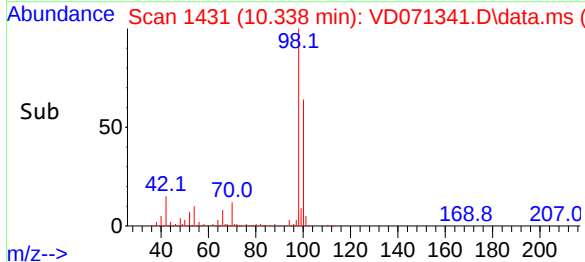
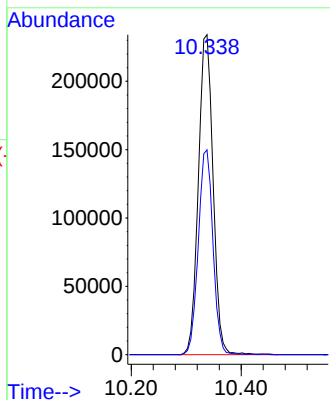
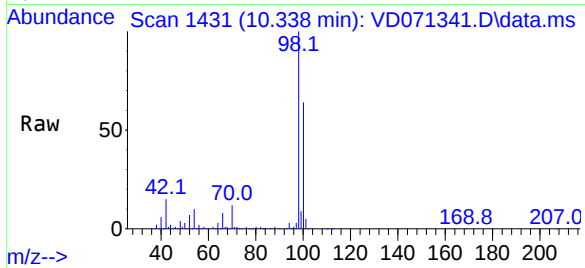




#50
Toluene-d8
Concen: 54.283 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071341.D
Acq: 15 Dec 2021 14:32

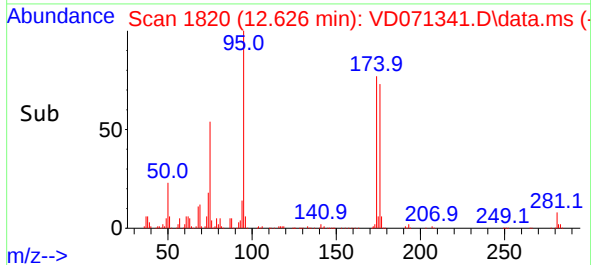
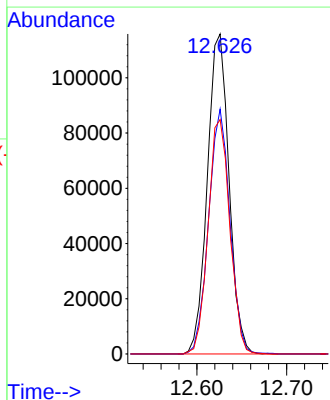
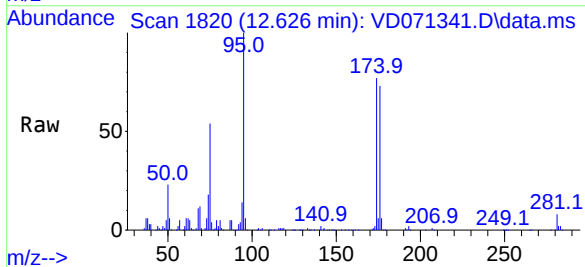
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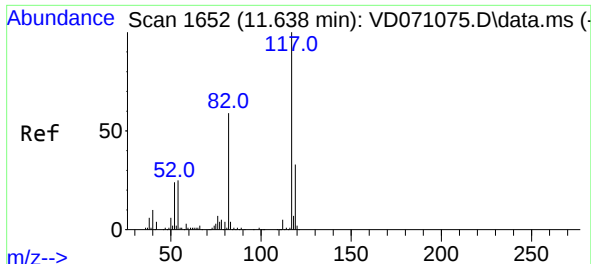
Tgt Ion: 98 Resp: 435286
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.908 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071341.D
Acq: 15 Dec 2021 14:32

Tgt Ion: 95 Resp: 194317
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 73.4 0.0 154.0

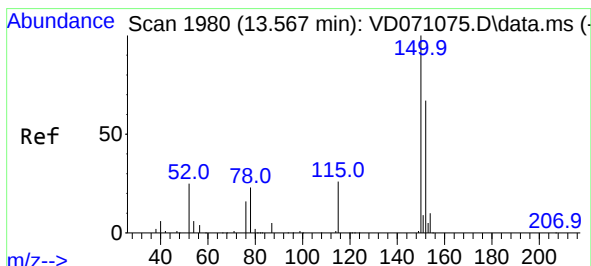
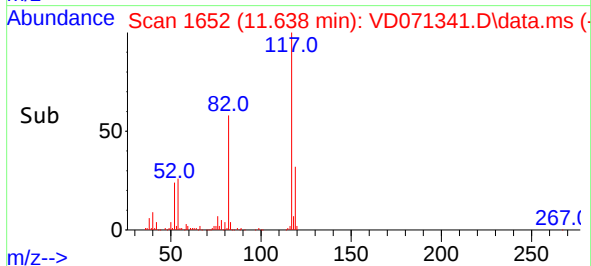
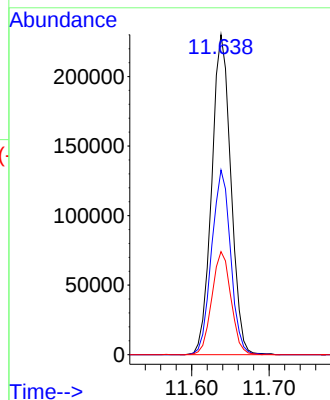
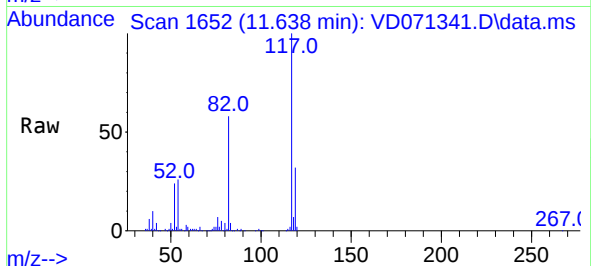




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071341.D
Acq: 15 Dec 2021 14:32

Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1(35-52)

Tgt Ion:117 Resp: 395528
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071341.D
Acq: 15 Dec 2021 14:32

Tgt Ion:152 Resp: 199561
Ion Ratio Lower Upper
152 100
115 60.5 29.8 89.3
150 159.4 0.0 349.2

