

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071323.D
 Acq On : 14 Dec 2021 16:24
 Operator : VA/SY
 Sample : M5064-04
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-121-1-(17-32)

Quant Time: Dec 15 08:31:11 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	332739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	629966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	306976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	169771	43.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.960%
35) Dibromofluoromethane	7.914	113	175335	48.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.338	98	736900	53.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.360%
62) 4-Bromofluorobenzene	12.620	95	311853	65.530	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.060%

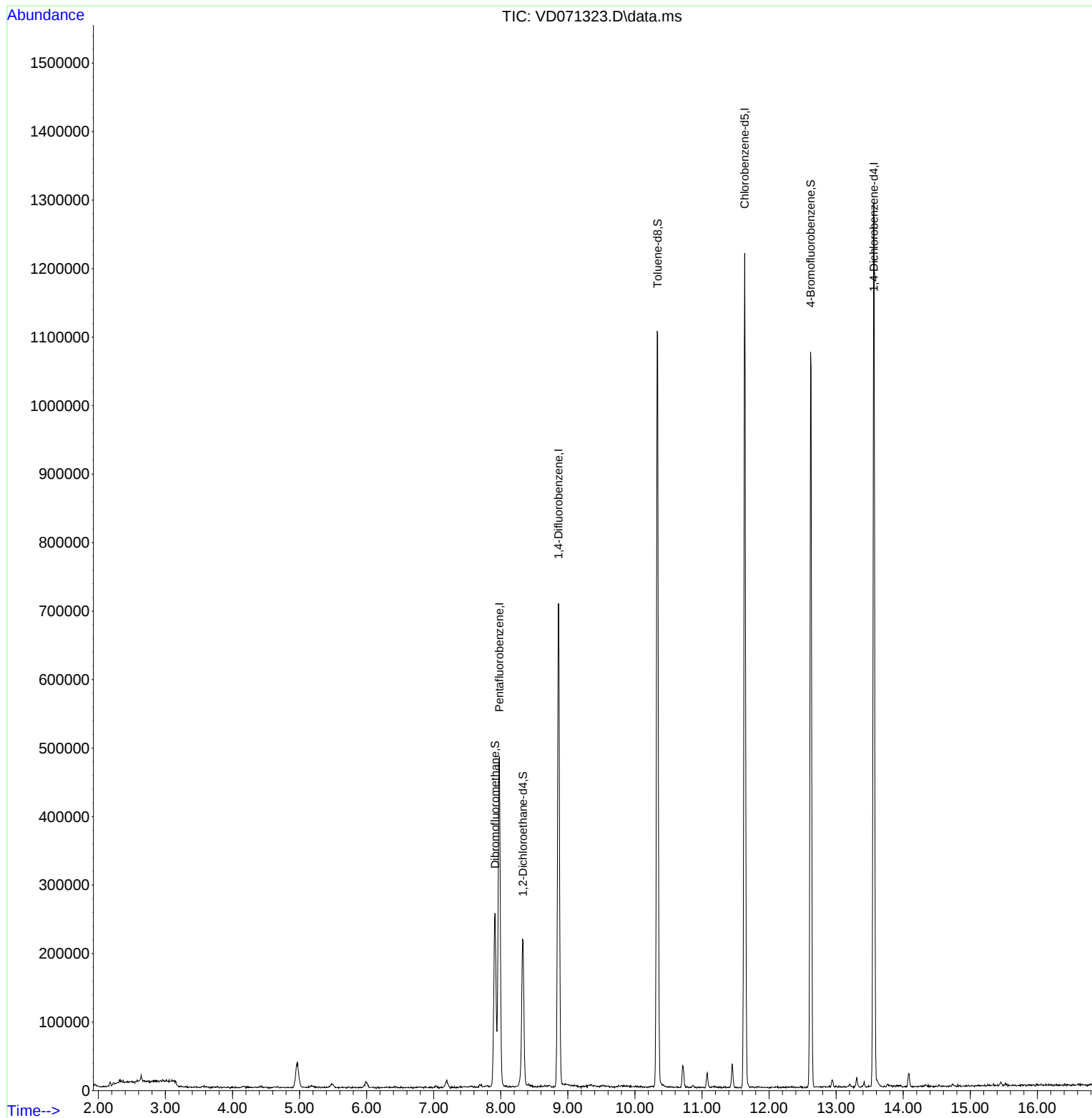
Target Compounds	Qvalue

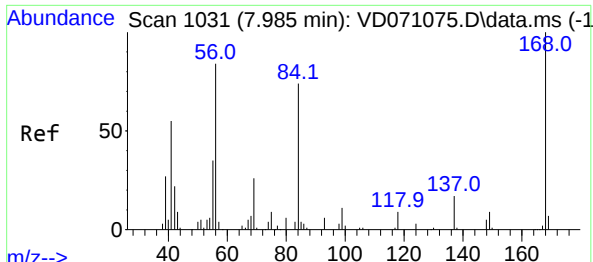
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD071323.D

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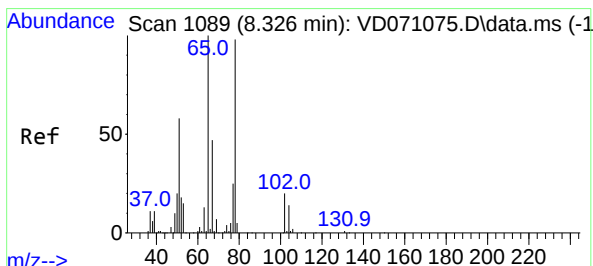
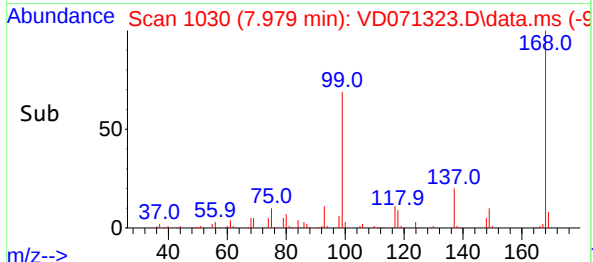
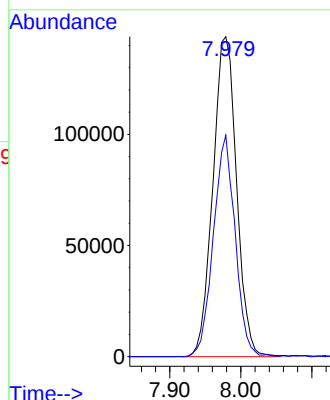
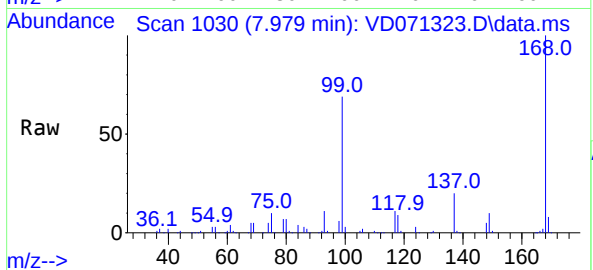
SASP2-121-1-(17-32)

Tgt Ion:168 Resp: 332739

Ion Ratio Lower Upper

168 100

99 69.1 46.6 69.8



1,2-Dichloroethane-d4

Concen: 43.483 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071323.D

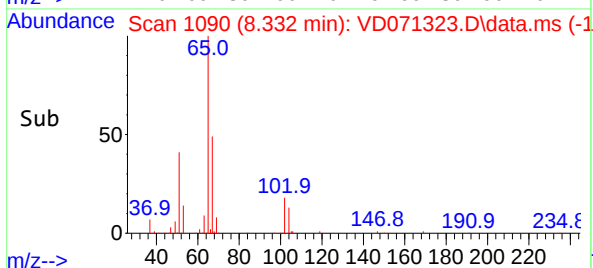
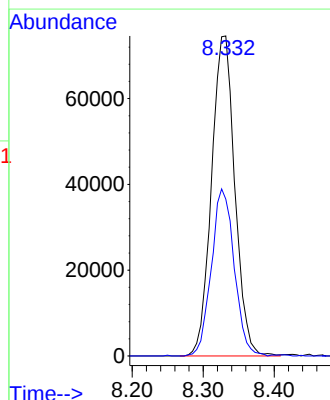
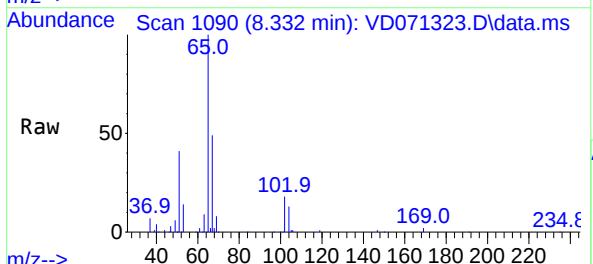
Acq: 14 Dec 2021 16:24

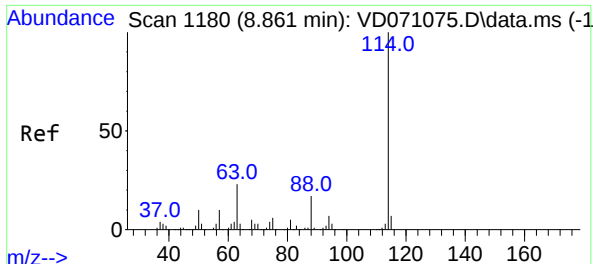
Tgt Ion: 65 Resp: 169771

Ion Ratio Lower Upper

65 100

67 51.1 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: VD071323.D

Acq: 14 Dec 2021 16:24

Instrument :

MSVOA_D

ClientSampleId :

SASP2-121-1-(17-32)

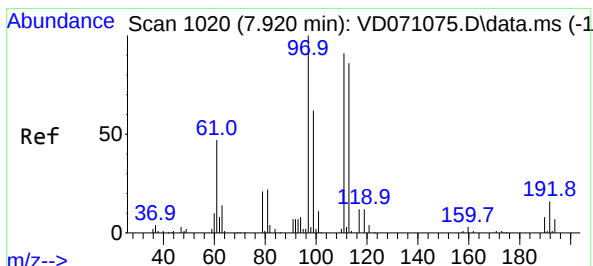
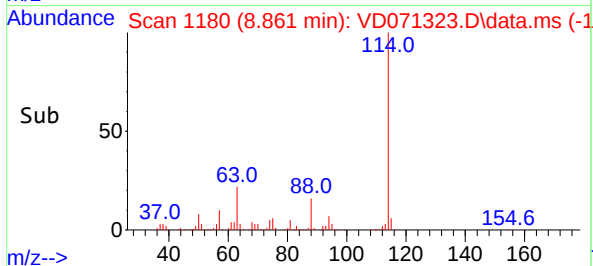
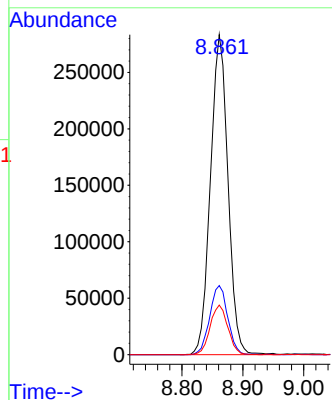
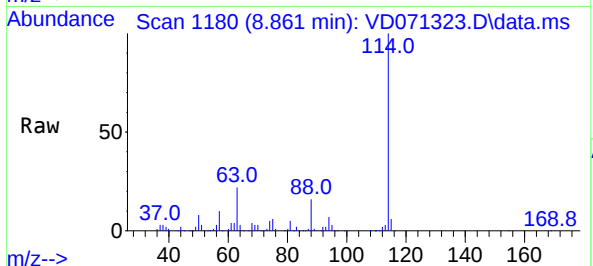
Tgt Ion:114 Resp: 566535

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 15.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.601 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071323.D

Acq: 14 Dec 2021 16:24

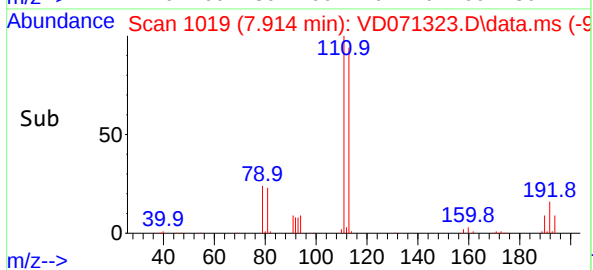
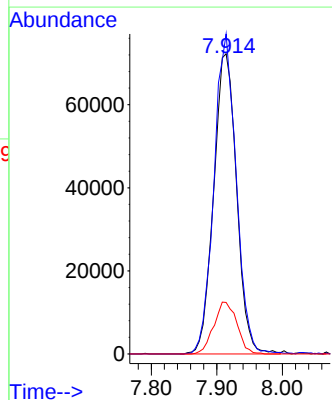
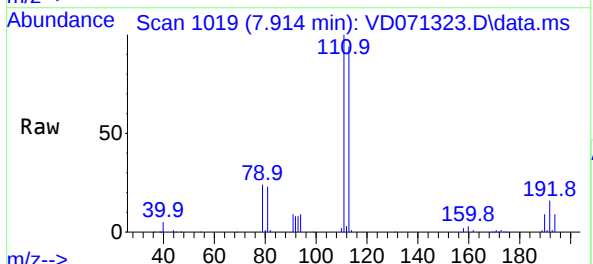
Tgt Ion:113 Resp: 175335

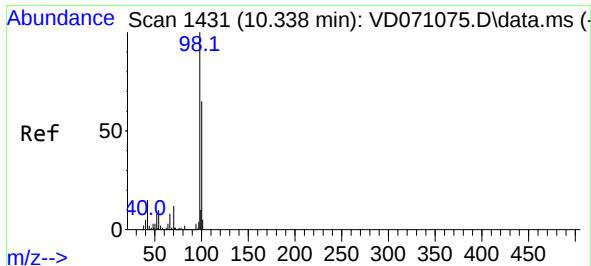
Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

192 17.5 15.2 22.8

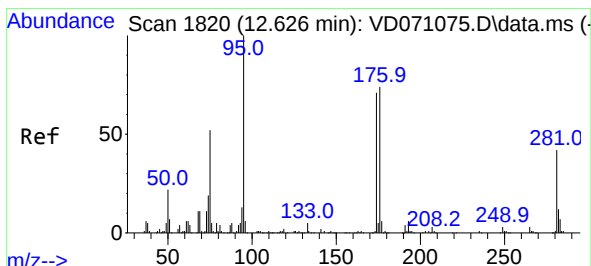
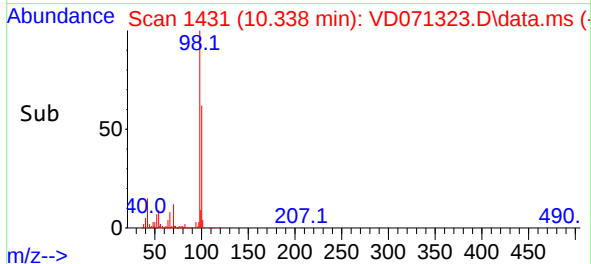
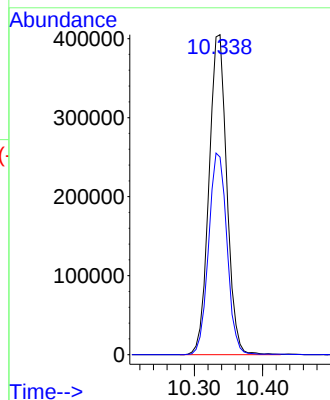
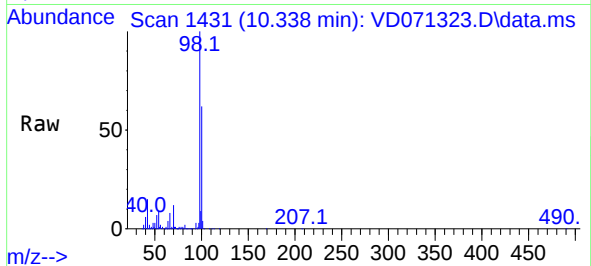




#50
Toluene-d8
Concen: 53.675 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071323.D
Acq: 14 Dec 2021 16:24

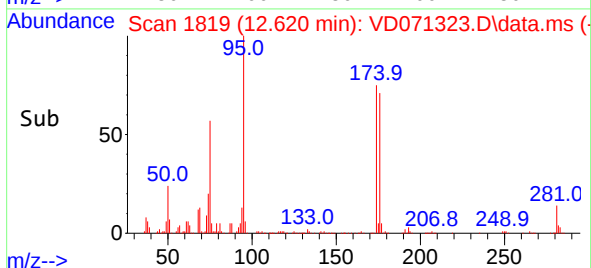
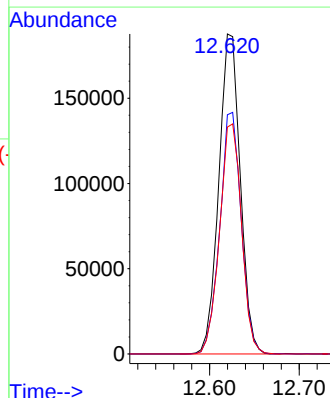
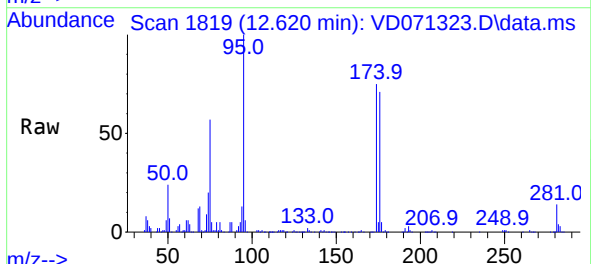
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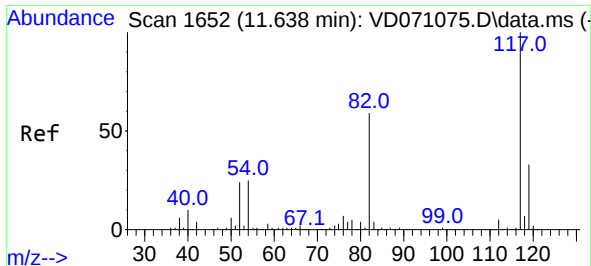
Tgt Ion: 98 Resp: 736900
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.530 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071323.D
Acq: 14 Dec 2021 16:24

Tgt Ion: 95 Resp: 311853
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.4
176 73.5 0.0 154.0

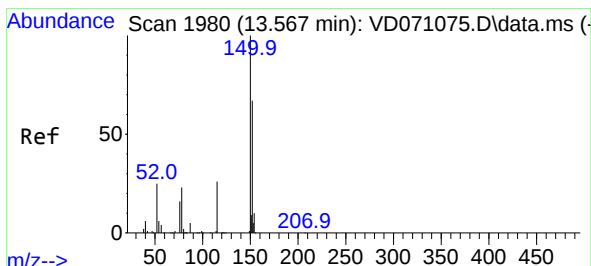
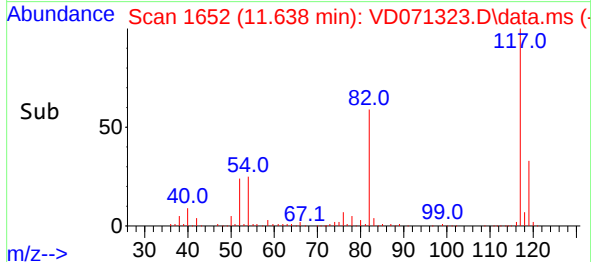
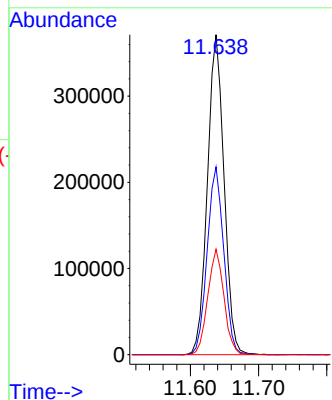
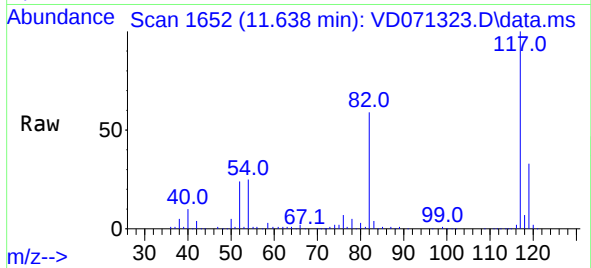




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071323.D
Acq: 14 Dec 2021 16:24

Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1-(17-32)

Tgt Ion:117 Resp: 629966
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 32.9 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: VD071323.D
Acq: 14 Dec 2021 16:24

Tgt Ion:152 Resp: 306976
Ion Ratio Lower Upper
152 100
115 62.7 29.8 89.3
150 158.8 0.0 349.2

