

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071321.D
 Acq On : 14 Dec 2021 15:28
 Operator : VA/SY
 Sample : M5064-02
 Misc : 4.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-121-1-(5-10)

Quant Time: Dec 15 08:30:28 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	7.973	168	356144	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	604754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	673533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	330278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177215	42.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.820%
35) Dibromofluoromethane	7.914	113	182977	47.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.020%
50) Toluene-d8	10.332	98	777556	53.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.120%
62) 4-Bromofluorobenzene	12.620	95	330646	65.088	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.180%

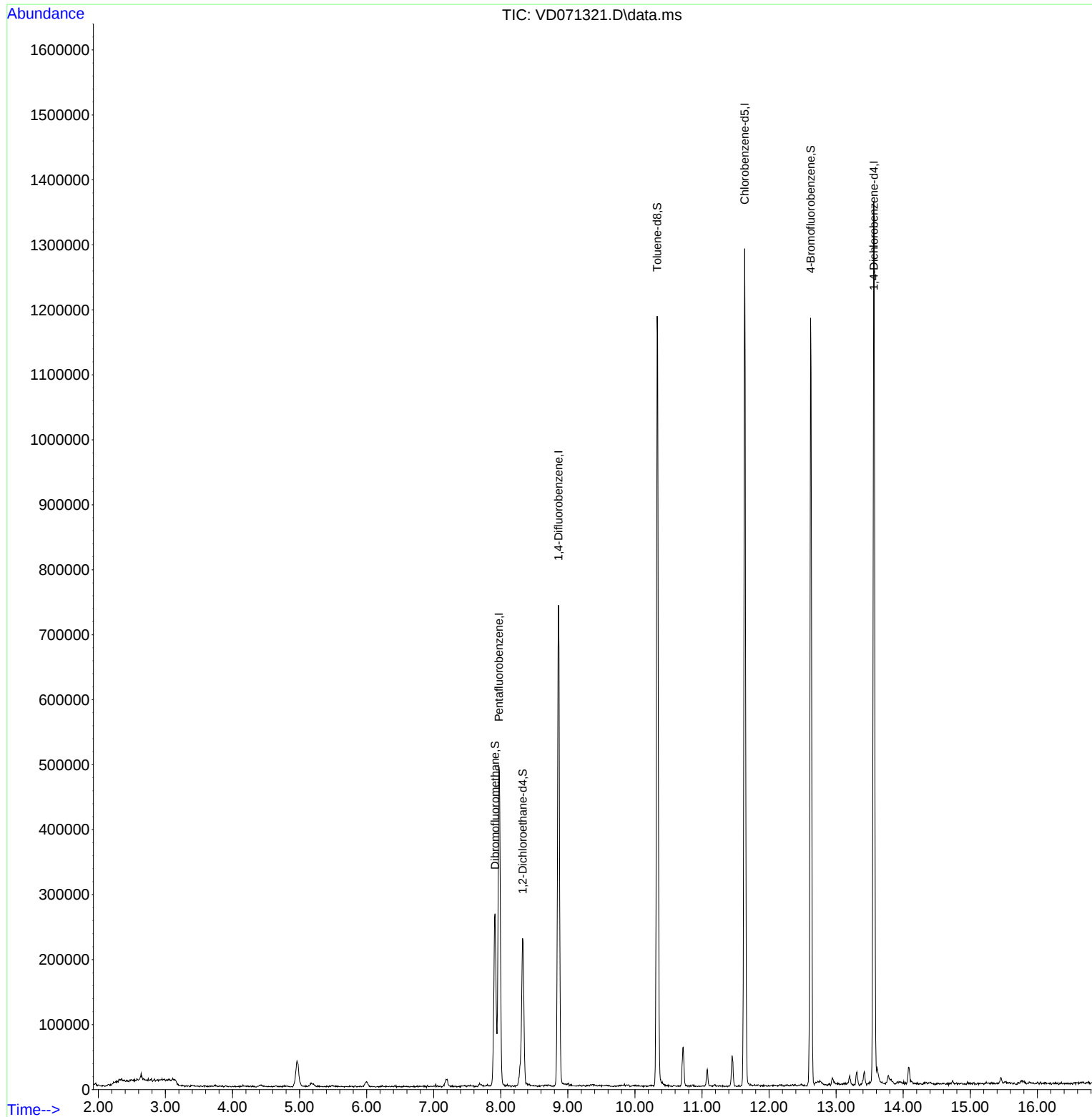
Target Compounds	Qvalue

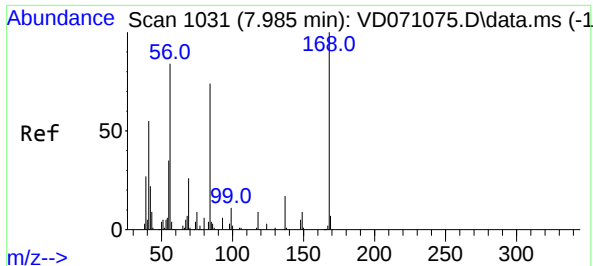
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071321.D

Acq: 14 Dec 2021 15:28

Instrument :

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ClientSampleId :

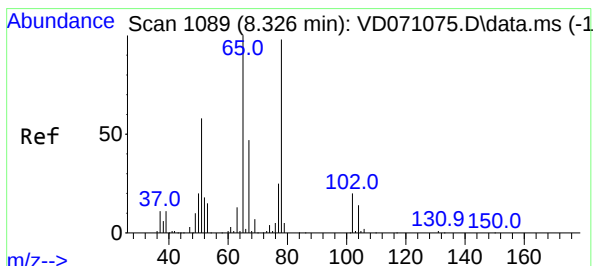
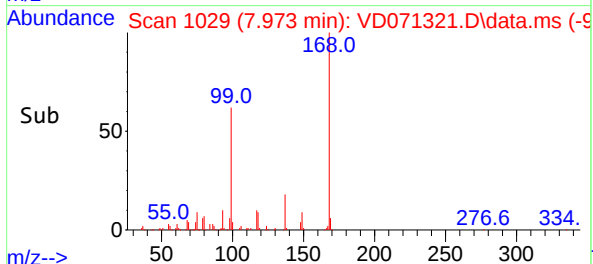
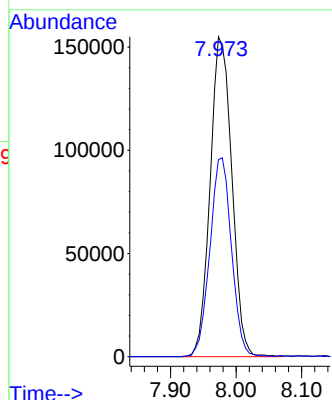
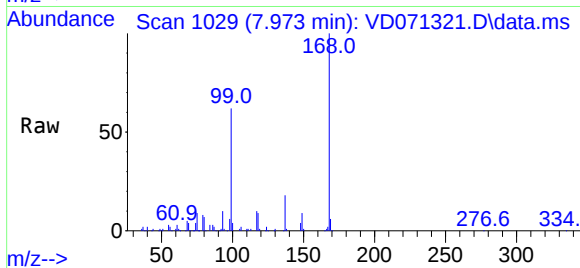
SASP2-121-1-(5-10)

Tgt Ion:168 Resp: 356144

Ion Ratio Lower Upper

168 100

99 61.6 46.6 69.8



1,2-Dichloroethane-d4

Concen: 42.407 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071321.D

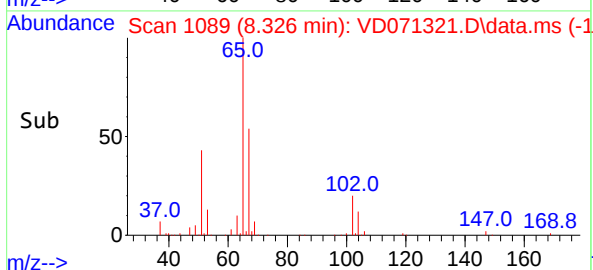
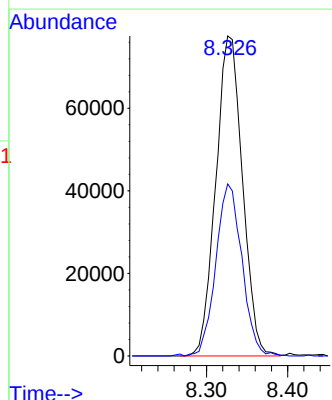
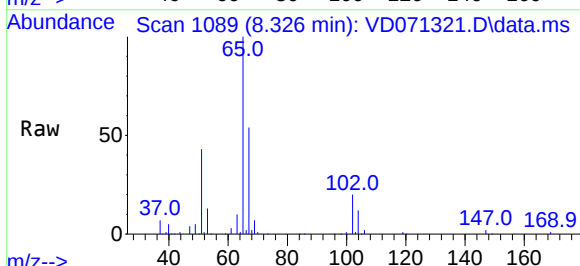
Acq: 14 Dec 2021 15:28

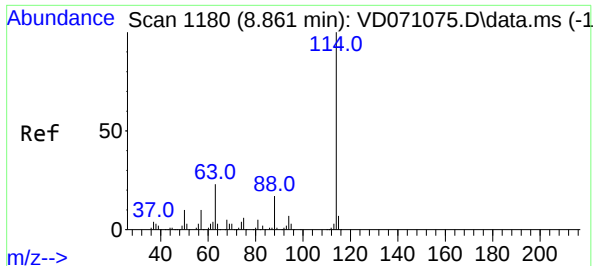
Tgt Ion: 65 Resp: 177215

Ion Ratio Lower Upper

65 100

67 52.4 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: VD071321.D

Acq: 14 Dec 2021 15:28

Instrument :

MSVOA_D

ClientSampleId :

SASP2-121-1-(5-10)

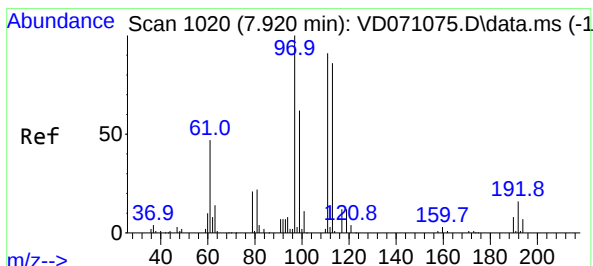
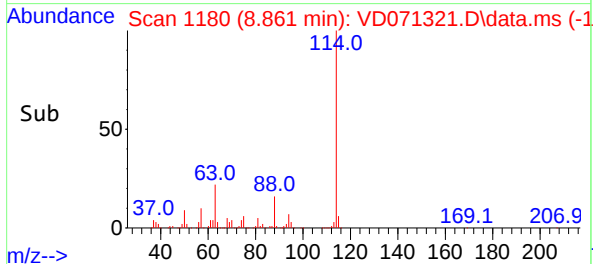
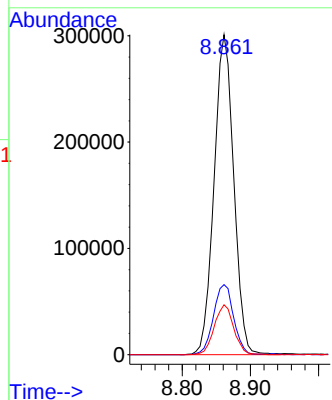
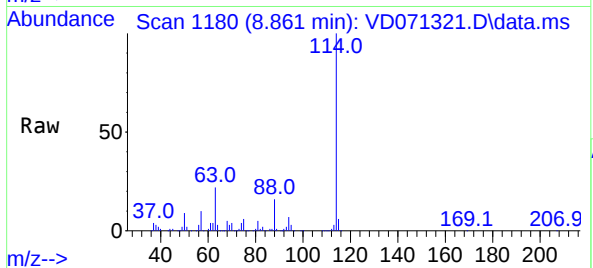
Tgt Ion:114 Resp: 604754

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.514 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071321.D

Acq: 14 Dec 2021 15:28

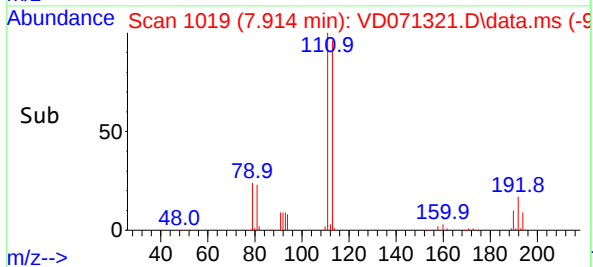
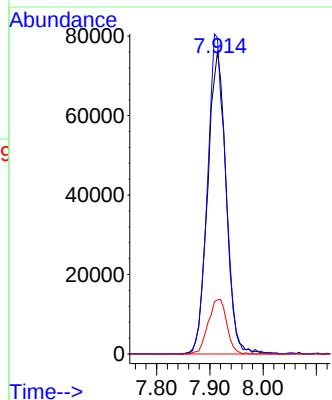
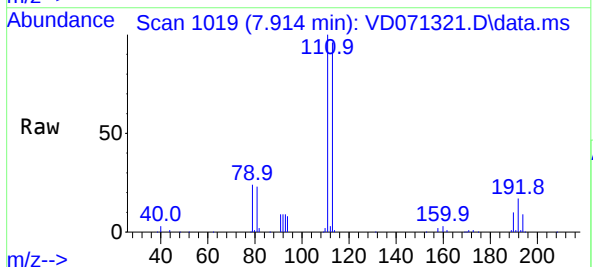
Tgt Ion:113 Resp: 182977

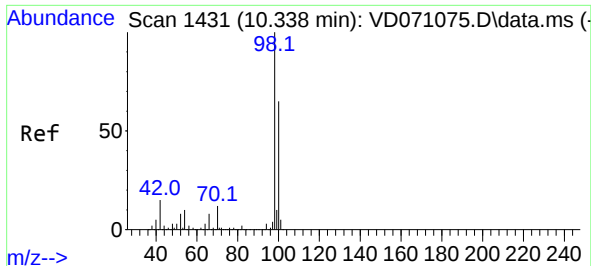
Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 18.1 15.2 22.8

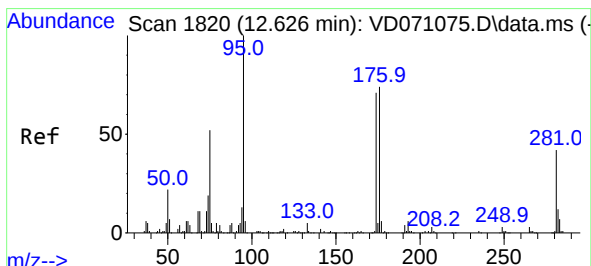
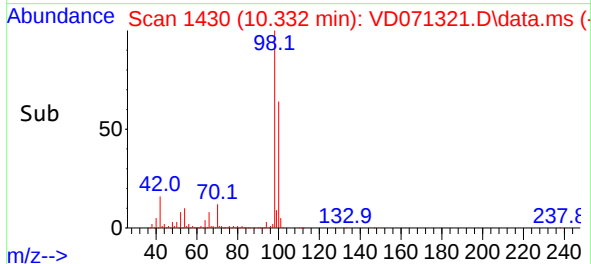
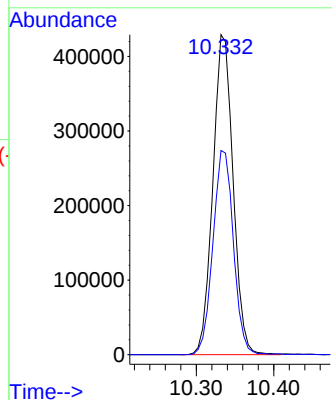
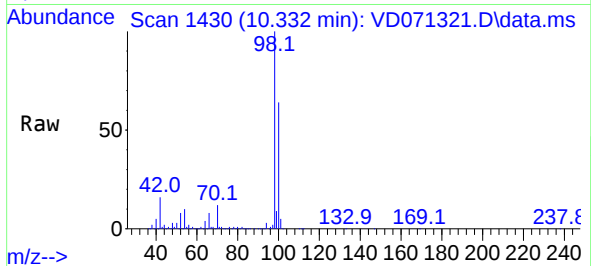




#50
Toluene-d8
Concen: 53.057 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071321.D
Acq: 14 Dec 2021 15:28

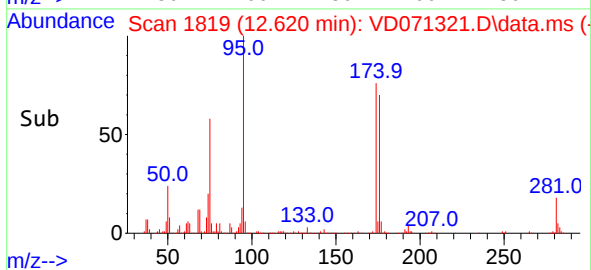
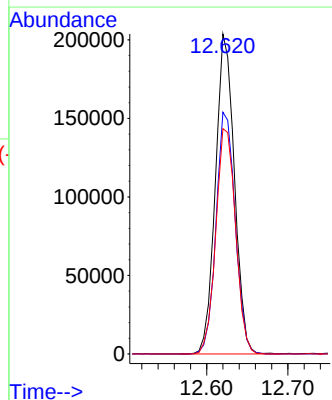
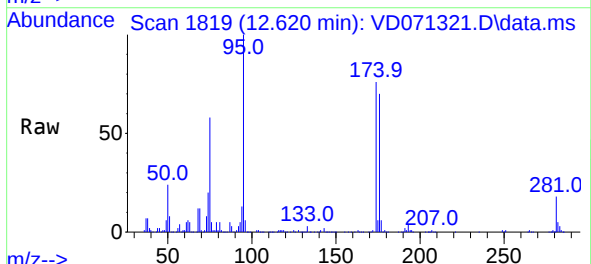
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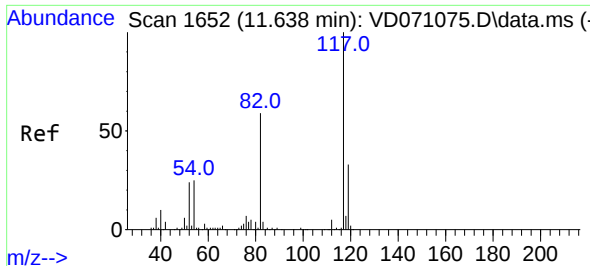
Tgt Ion: 98 Resp: 777556
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.088 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071321.D
Acq: 14 Dec 2021 15:28

Tgt Ion: 95 Resp: 330646
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 73.3 0.0 154.0

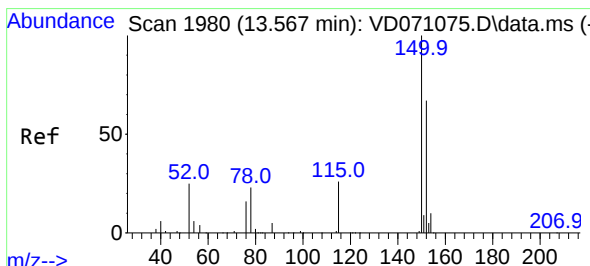
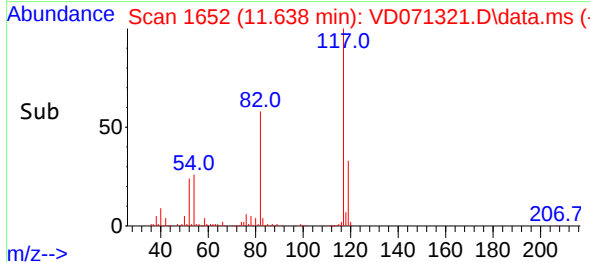
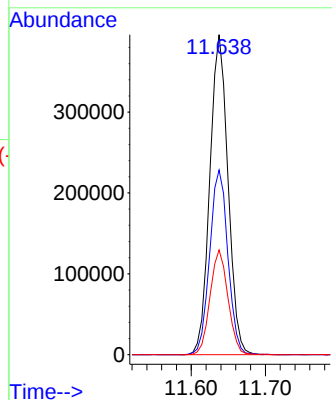
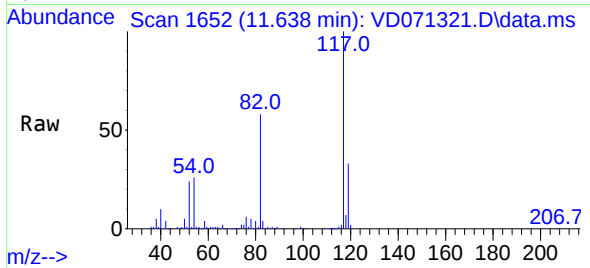




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071321.D
Acq: 14 Dec 2021 15:28

Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1-(5-10)

Tgt Ion:117 Resp: 673533
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 32.7 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: VD071321.D
Acq: 14 Dec 2021 15:28

Tgt Ion:152 Resp: 330278
Ion Ratio Lower Upper
152 100
115 62.0 29.8 89.3
150 157.2 0.0 349.2

