

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
 Data File : VD070938.D
 Acq On : 08 Nov 2021 16:31
 Operator : VA/SY
 Sample : M4519-02
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Nov 09 02:34:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 08 13:56:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	299818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	562746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	545306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	199801	54.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.520%
35) Dibromofluoromethane	7.914	113	176136	49.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.332	98	704843	51.433	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.620	95	275532	53.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.520%

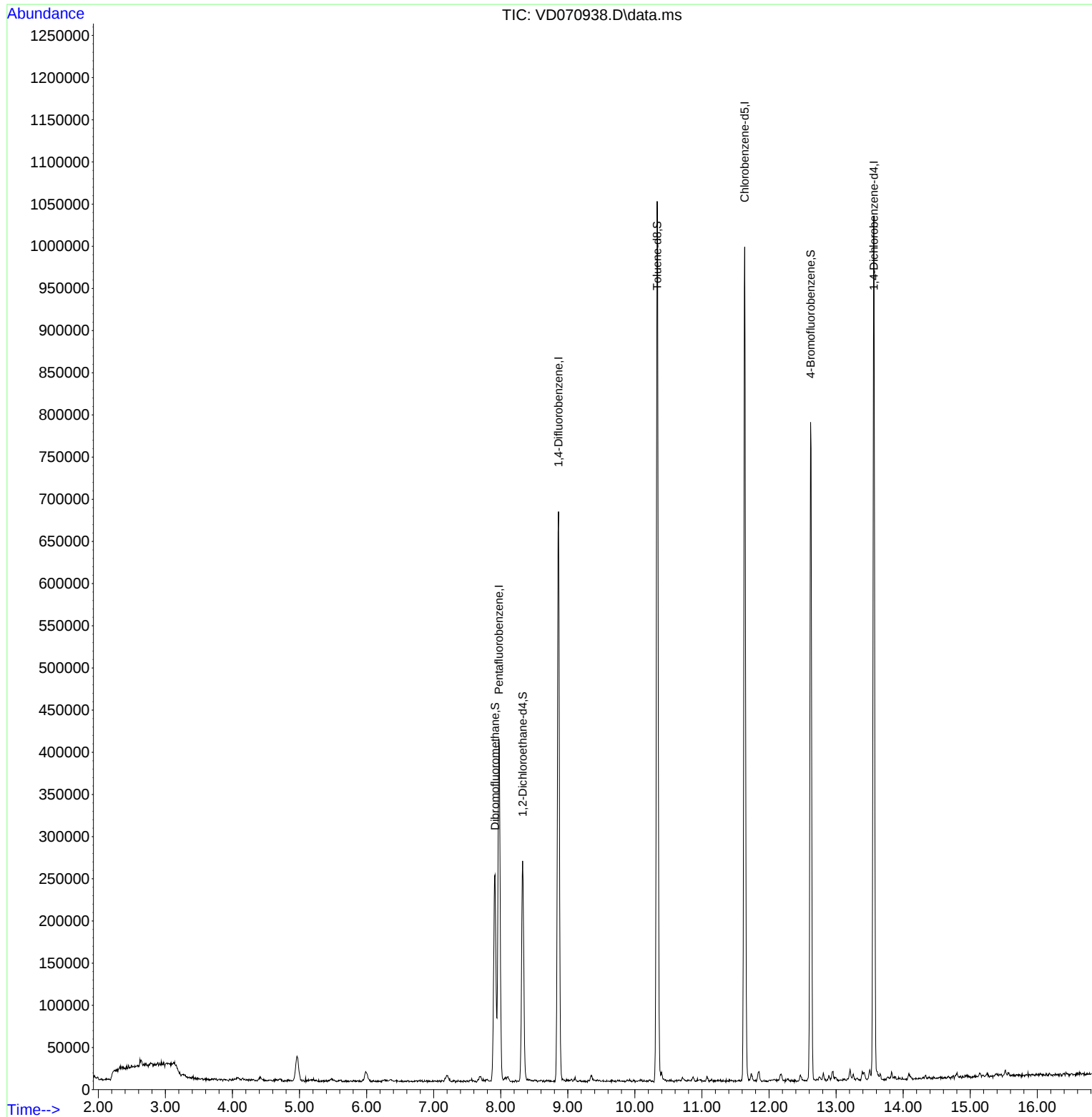
Target Compounds	Qvalue

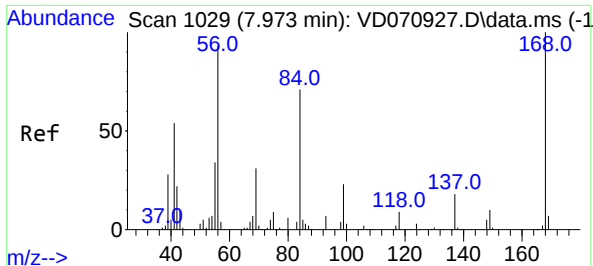
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD070938.D

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Instrument :

MSVOA_D

ClientSampleId :

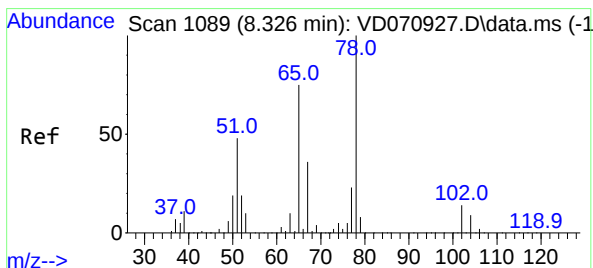
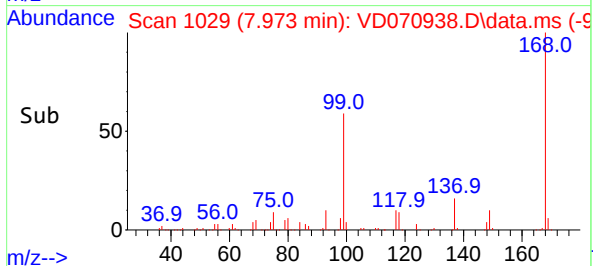
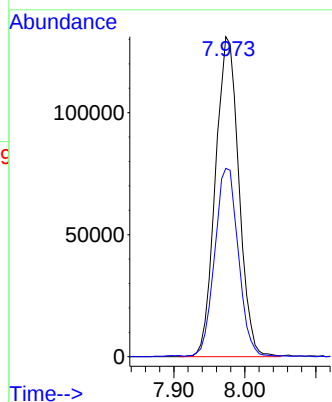
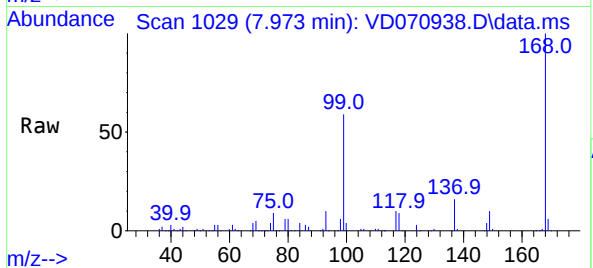
SB-2

Tgt Ion:168 Resp: 299818

Ion Ratio Lower Upper

168 100

99 58.5 46.6 69.8



1,2-Dichloroethane-d4

Concen: 54.259 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070938.D

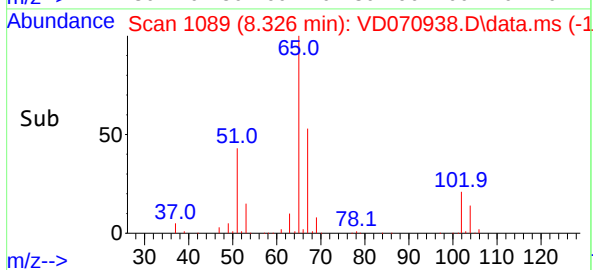
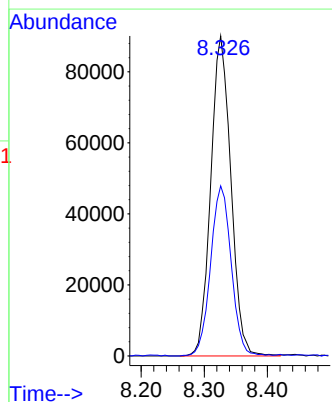
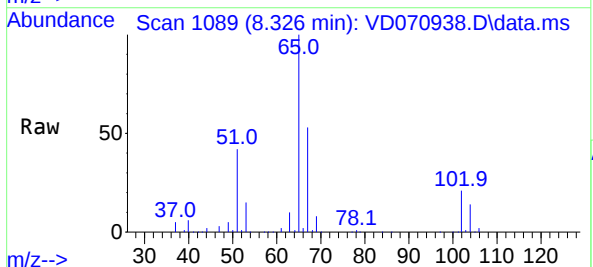
Acq: 08 Nov 2021 16:31

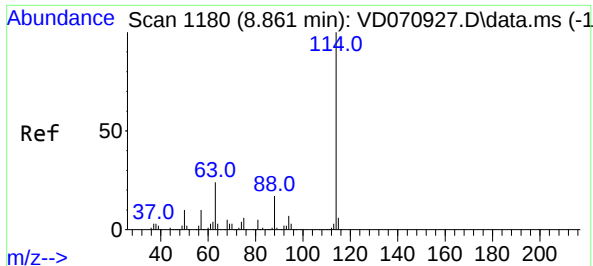
Tgt Ion: 65 Resp: 199801

Ion Ratio Lower Upper

65 100

67 54.4 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: VD070938.D

Acq: 08 Nov 2021 16:31

Instrument :

MSVOA_D

ClientSampleId :

SB-2

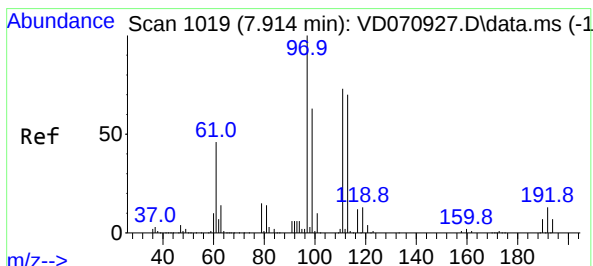
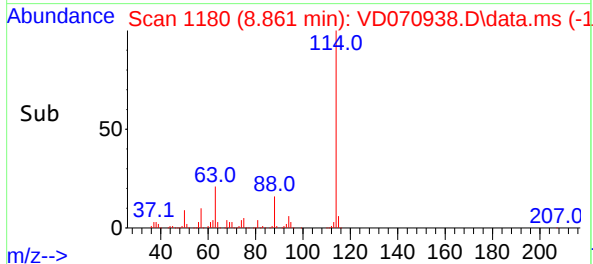
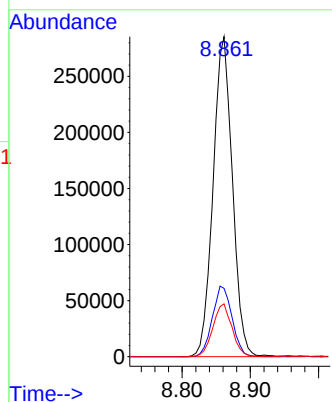
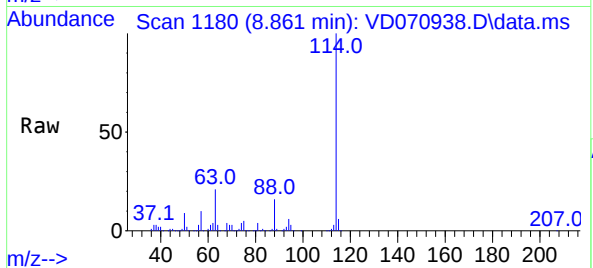
Tgt Ion:114 Resp: 562746

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.962 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070938.D

Acq: 08 Nov 2021 16:31

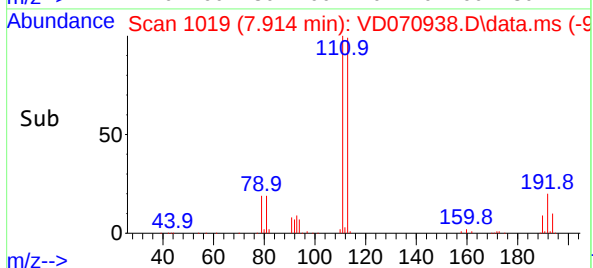
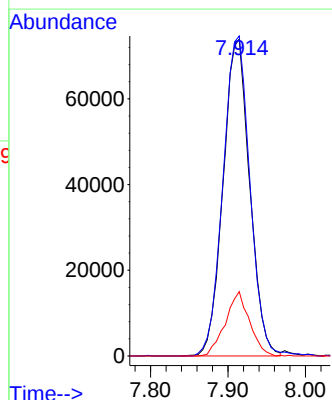
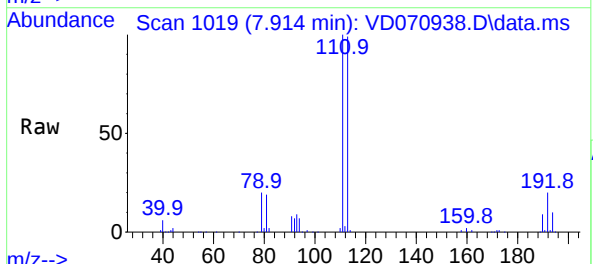
Tgt Ion:113 Resp: 176136

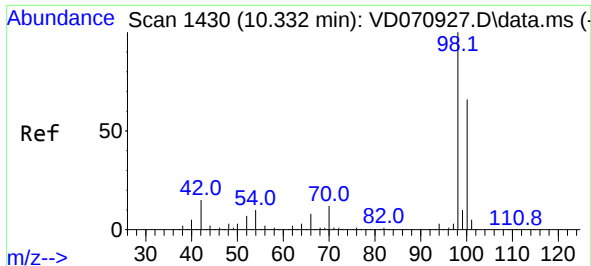
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 18.5 15.2 22.8

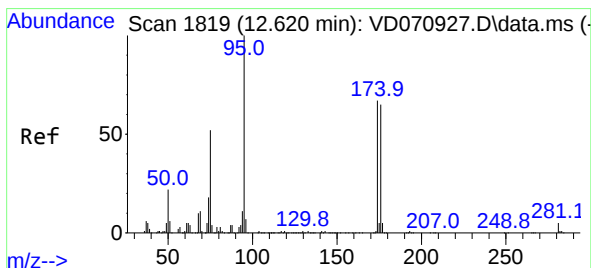
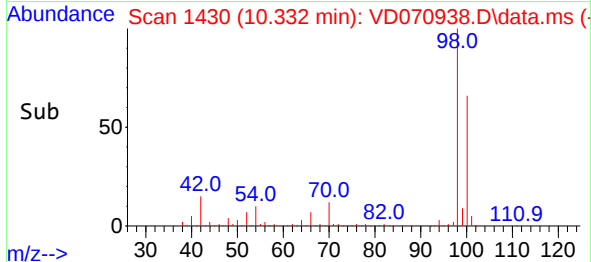
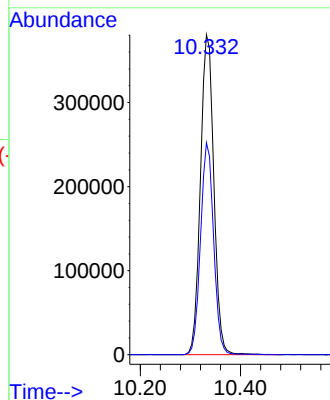
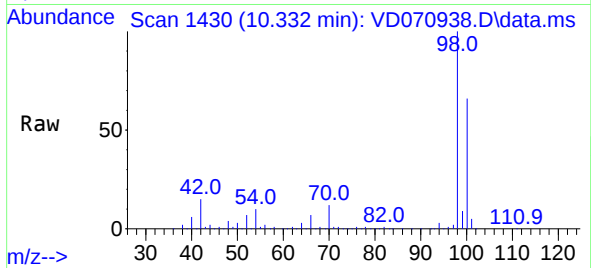




#50
Toluene-d8
Concen: 51.433 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070938.D
Acq: 08 Nov 2021 16:31

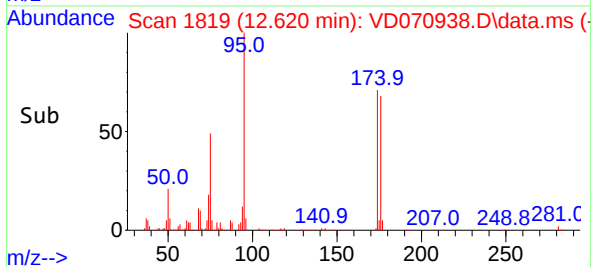
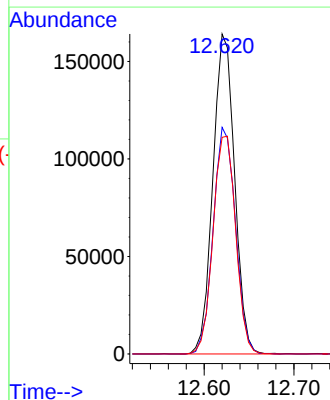
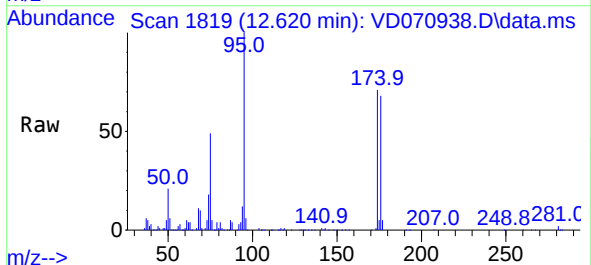
Instrument :
MSVOA_D
ClientSampleId :
SB-2

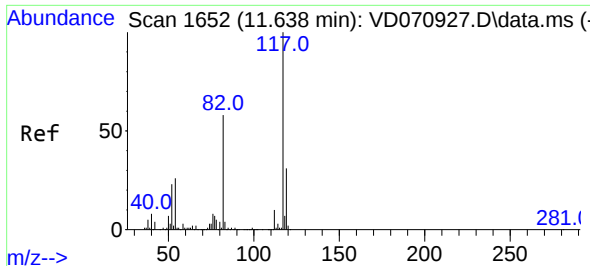
Tgt Ion: 98 Resp: 704843
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.260 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070938.D
Acq: 08 Nov 2021 16:31

Tgt Ion: 95 Resp: 275532
Ion Ratio Lower Upper
95 100
174 72.8 0.0 159.4
176 71.2 0.0 154.0

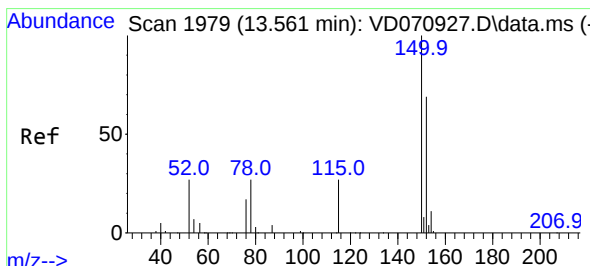
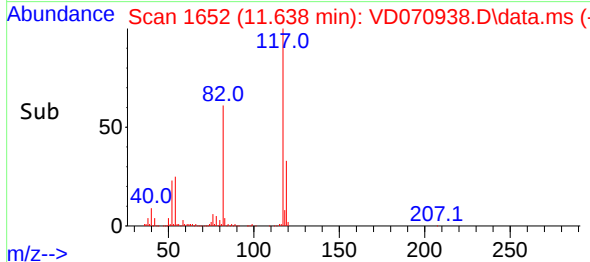
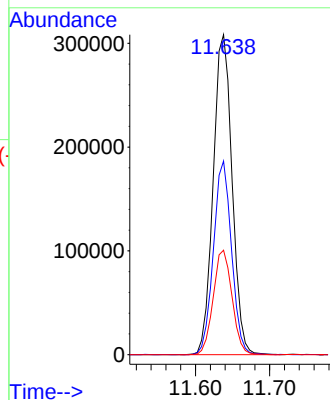
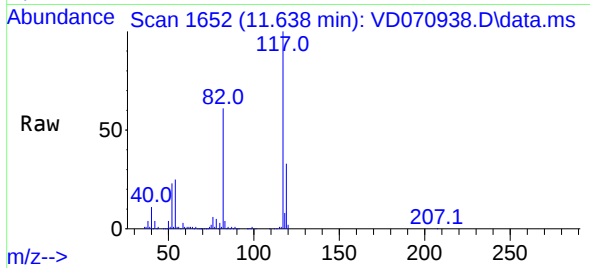




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070938.D
Acq: 08 Nov 2021 16:31

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 545306
Ion Ratio Lower Upper
117 100
82 60.5 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. 0.000 min
Lab File: VD070938.D
Acq: 08 Nov 2021 16:31

Tgt Ion:152 Resp: 258400
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 158.8 0.0 349.2

