

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071046.D
 Acq On : 16 Nov 2021 17:02
 Operator : VA/SY
 Sample : M4577-04
 Misc : 4.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Nov 17 03:24:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	255678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	452308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	389500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	126765	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157420	57.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.660%
35) Dibromofluoromethane	7.914	113	147284	57.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.420%
50) Toluene-d8	10.338	98	546278	54.653	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.300%
62) 4-Bromofluorobenzene	12.626	95	163188	45.343	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.680%

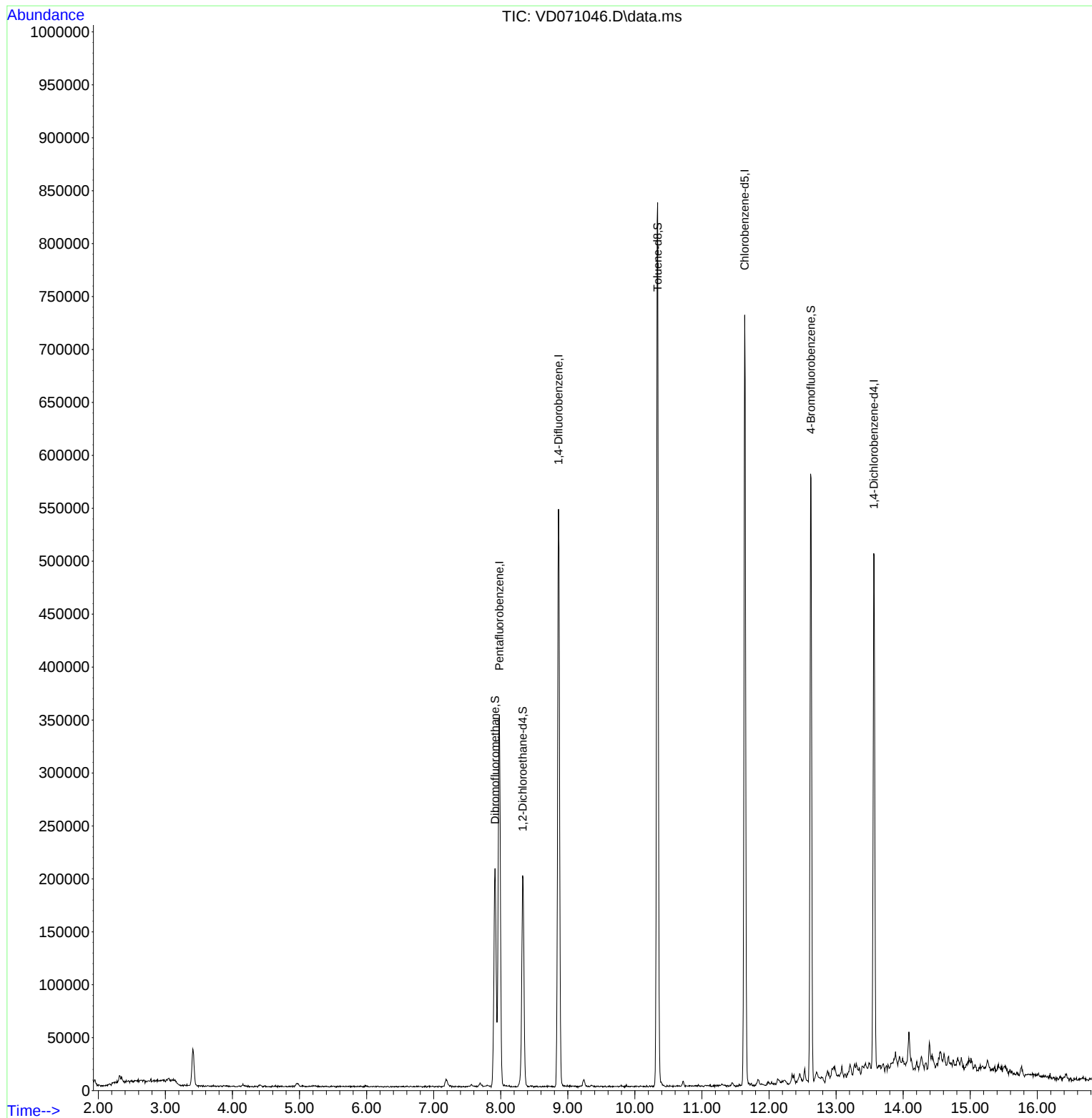
Target Compounds	Qvalue

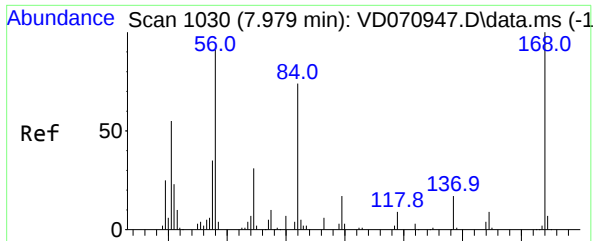
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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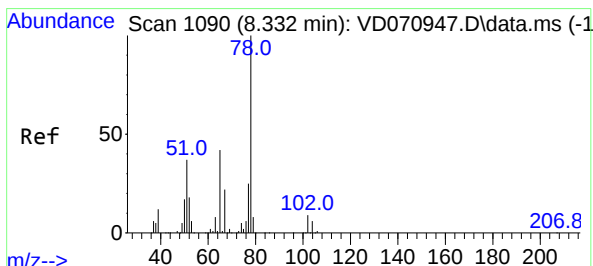
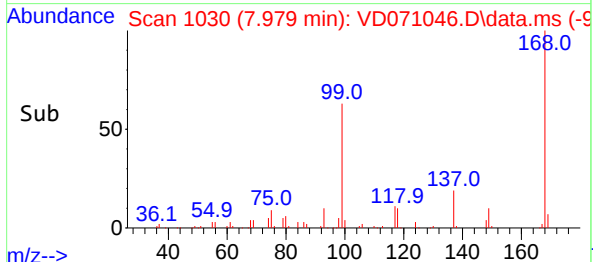
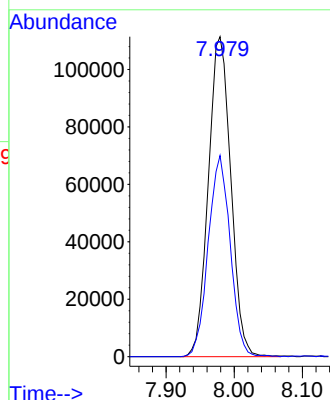
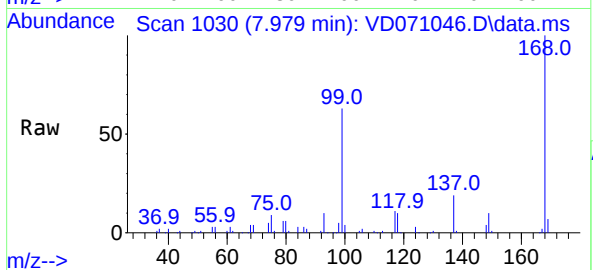




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071046.D
Acq: 16 Nov 2021 17:02

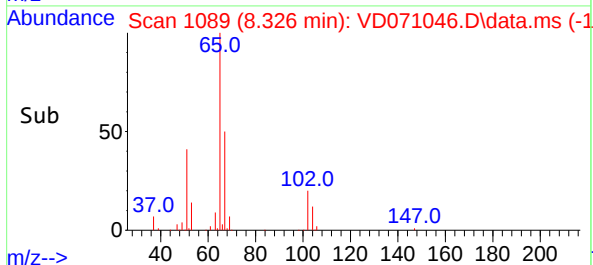
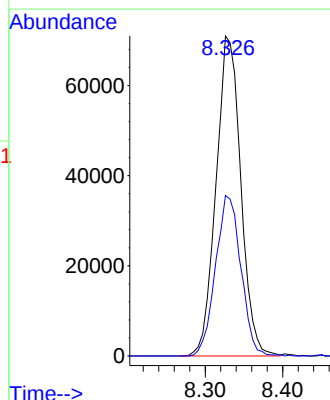
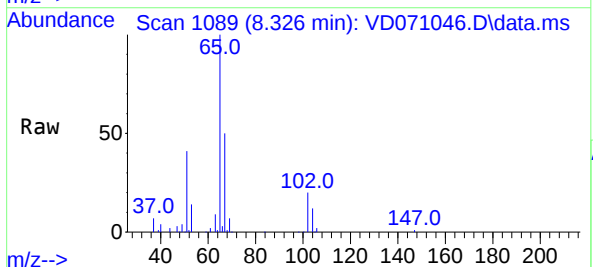
Instrument :
MSVOA_D
ClientSampleId :
SB-4

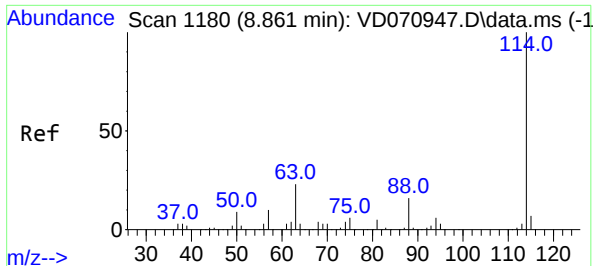
Tgt Ion:168 Resp: 255678
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 57.828 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071046.D
Acq: 16 Nov 2021 17:02

Tgt Ion: 65 Resp: 157420
Ion Ratio Lower Upper
65 100
67 51.5 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: VD071046.D

Acq: 16 Nov 2021 17:02

Instrument :

MSVOA_D

ClientSampleId :

SB-4

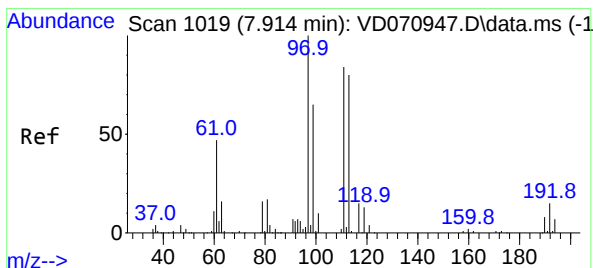
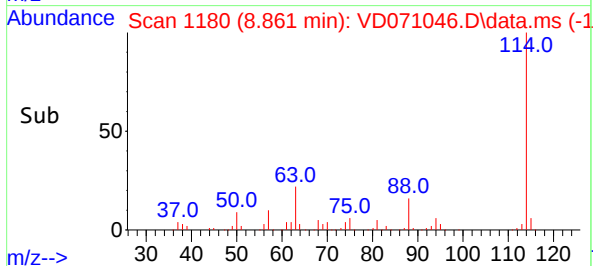
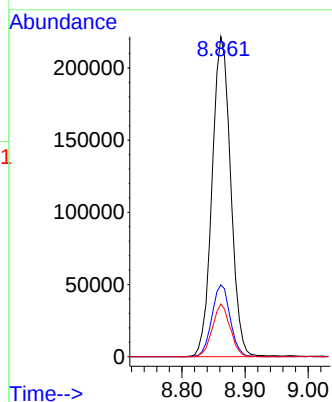
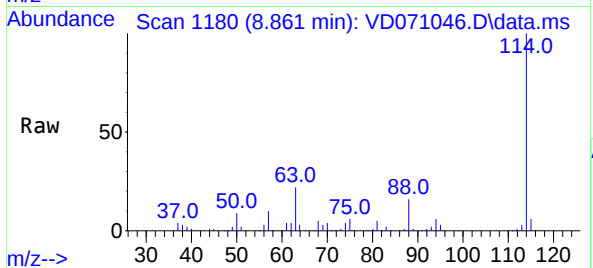
Tgt Ion:114 Resp: 452308

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 57.707 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071046.D

Acq: 16 Nov 2021 17:02

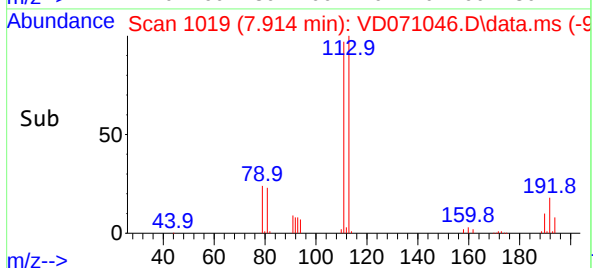
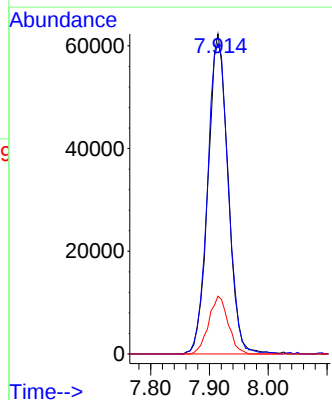
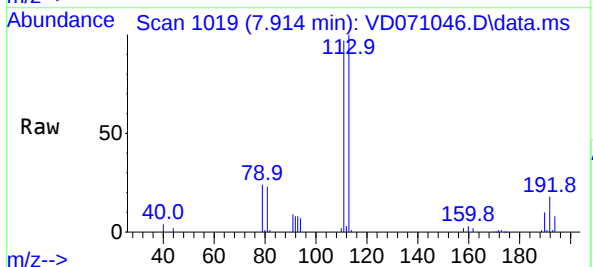
Tgt Ion:113 Resp: 147284

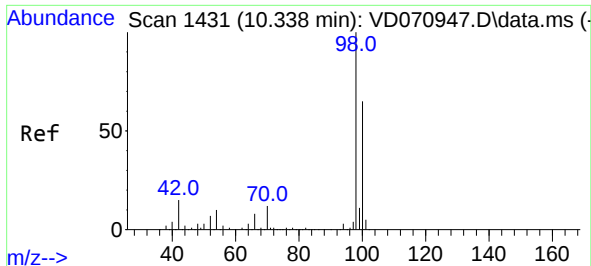
Ion Ratio Lower Upper

113 100

111 101.0 82.0 123.0

192 17.5 15.2 22.8

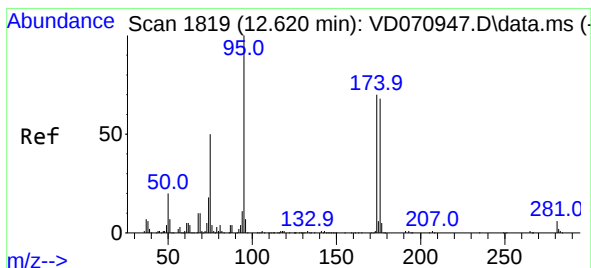
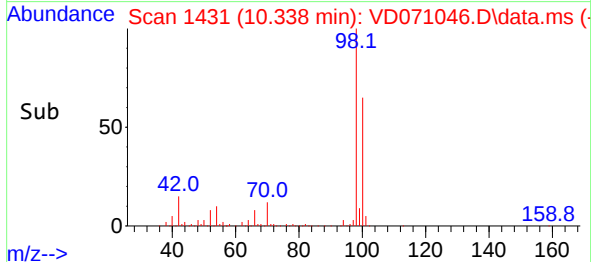
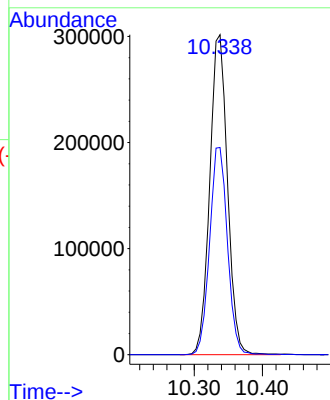
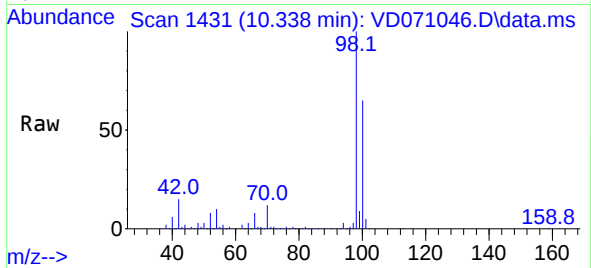




#50
Toluene-d8
Concen: 54.653 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071046.D
Acq: 16 Nov 2021 17:02

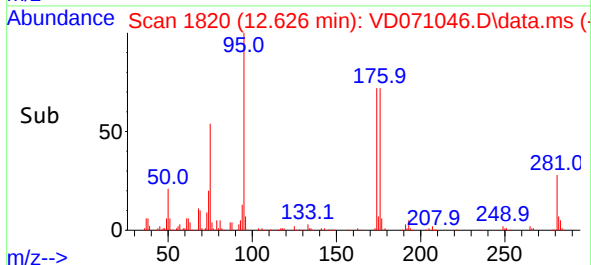
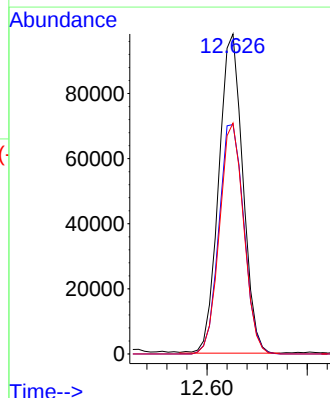
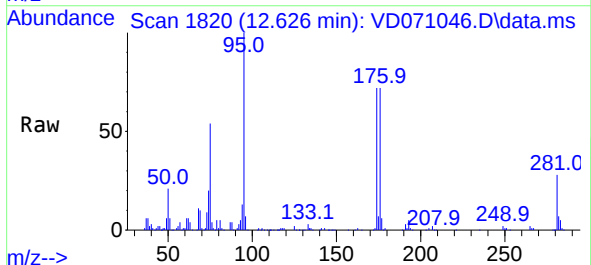
Instrument :
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ClientSampleId :
SB-4

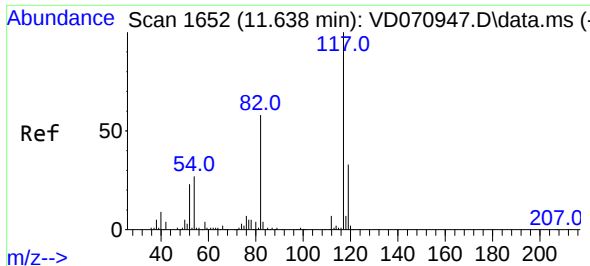
Tgt Ion: 98 Resp: 546278
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.343 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071046.D
Acq: 16 Nov 2021 17:02

Tgt Ion: 95 Resp: 163188
Ion Ratio Lower Upper
95 100
174 74.7 0.0 159.4
176 72.5 0.0 154.0

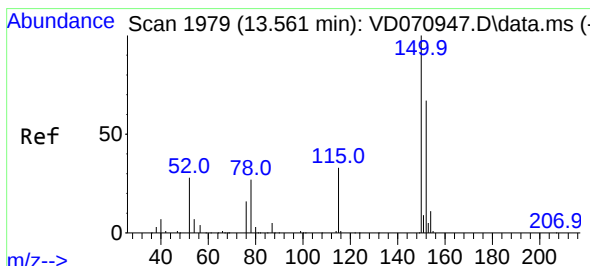
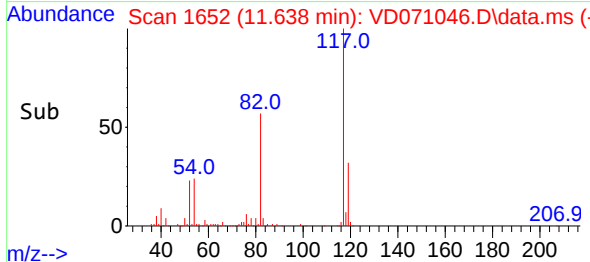
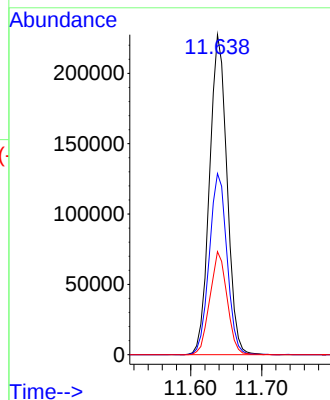
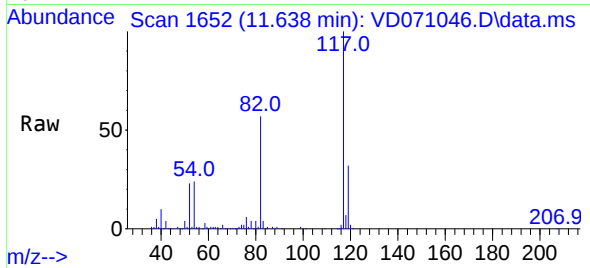




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071046.D
Acq: 16 Nov 2021 17:02

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Tgt Ion:117 Resp: 389500
Ion Ratio Lower Upper
117 100
82 56.6 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. 0.000 min
Lab File: VD071046.D
Acq: 16 Nov 2021 17:02

Tgt Ion:152 Resp: 126765
Ion Ratio Lower Upper
152 100
115 60.0 29.8 89.3
150 155.0 0.0 349.2

