

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071597.D
 Acq On : 04 Jan 2022 17:07
 Operator : VA/SY
 Sample : M5338-04
 Misc : 5.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(8.5-9)

Quant Time: Jan 05 01:29:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	377789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	673656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	591316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	252391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	237478	47.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.660%
35) Dibromofluoromethane	7.914	113	212362	46.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.800%
50) Toluene-d8	10.338	98	850787	49.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.626	95	254538	41.866	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.740%

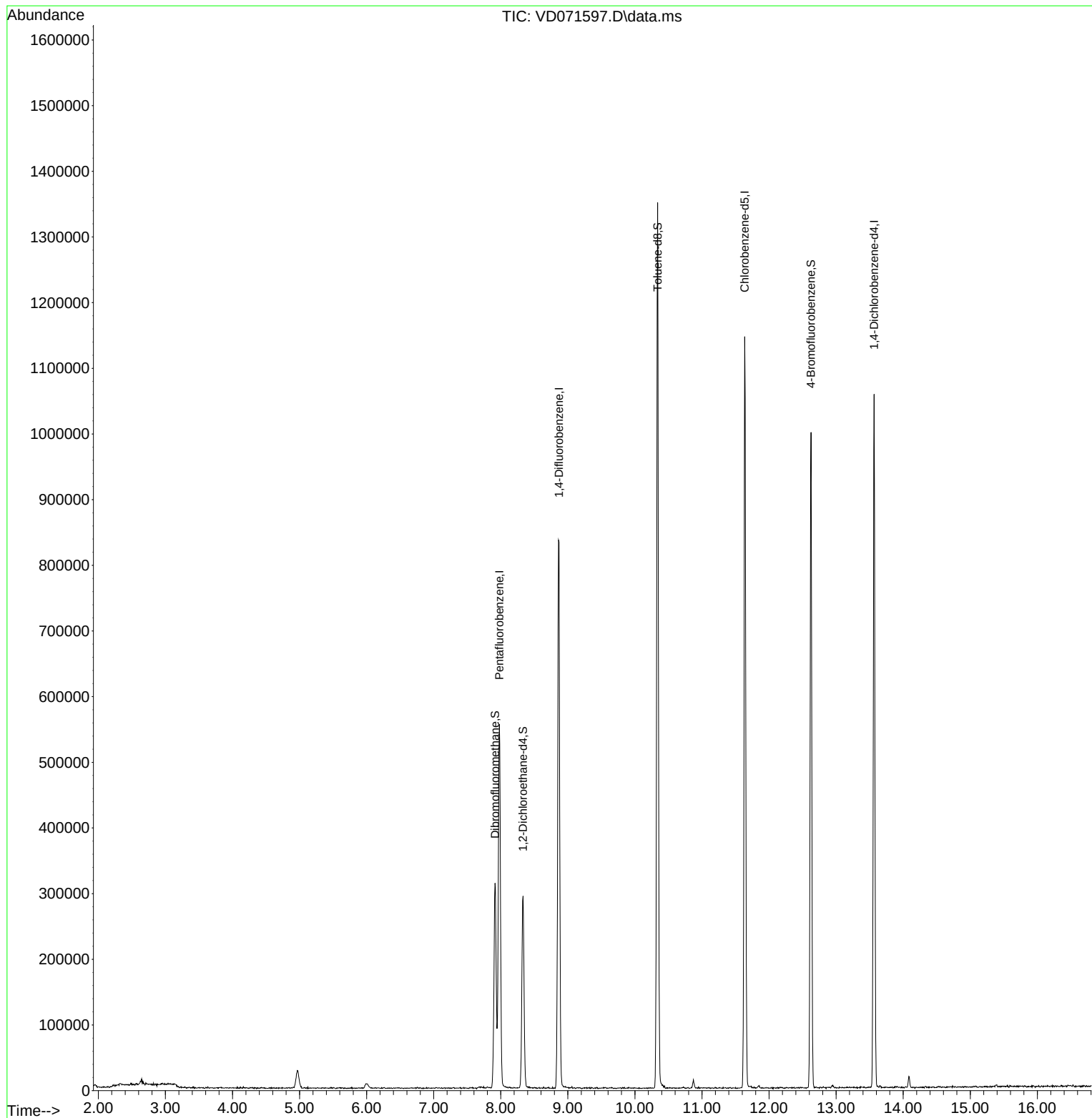
Target Compounds	Qvalue

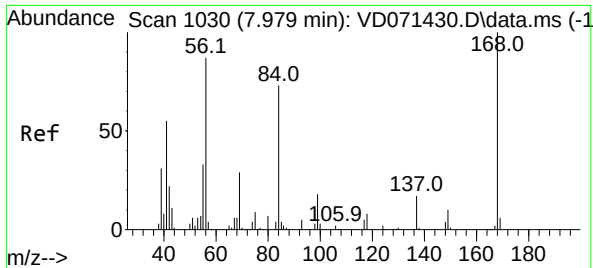
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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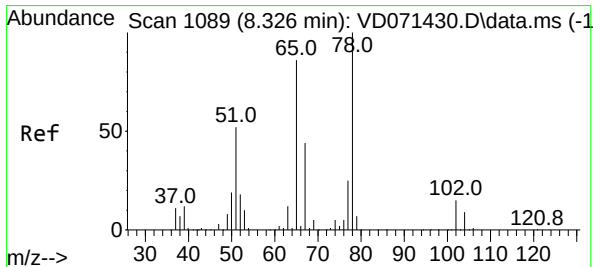
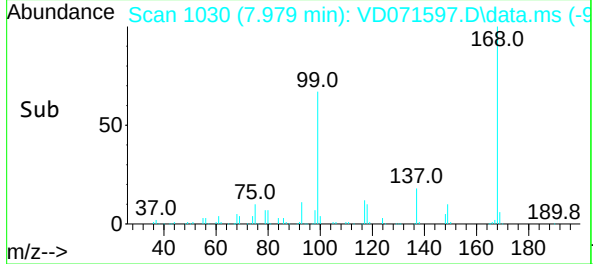
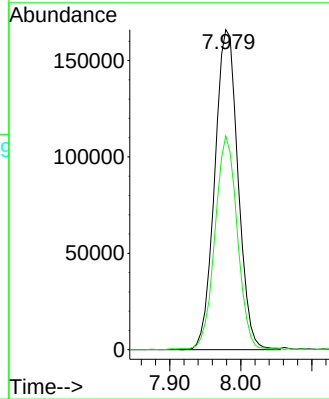
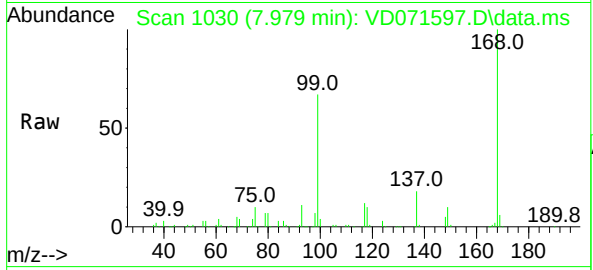




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

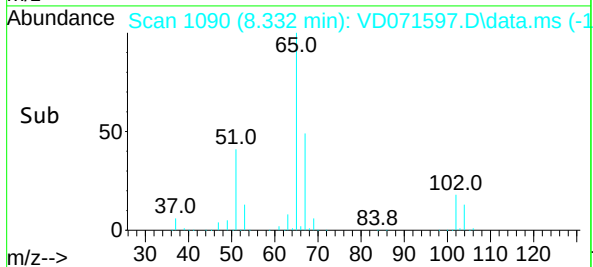
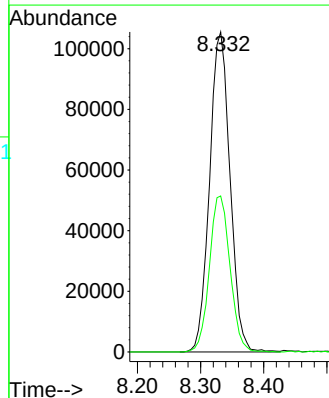
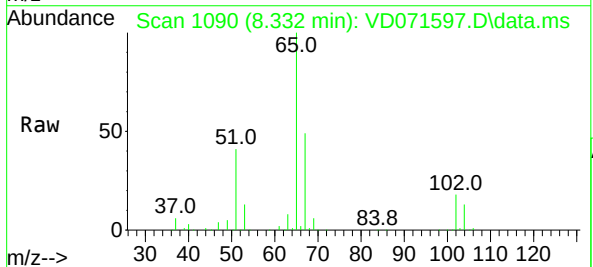
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(8.5-9)

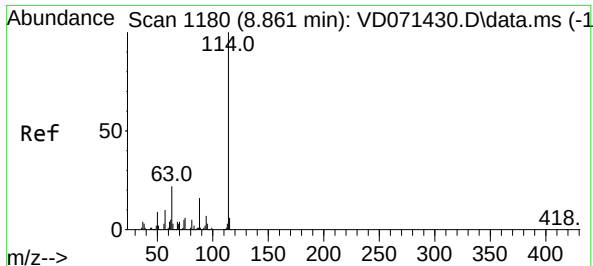
Tgt Ion:168 Resp: 377789
Ion Ratio Lower Upper
168 100
99 66.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 47.331 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

Tgt Ion: 65 Resp: 237478
Ion Ratio Lower Upper
65 100
67 49.3 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071597.D

Acq: 04 Jan 2022 17:07

Instrument :

MSVOA_D

ClientSampleId :

SB-4-(8.5-9)

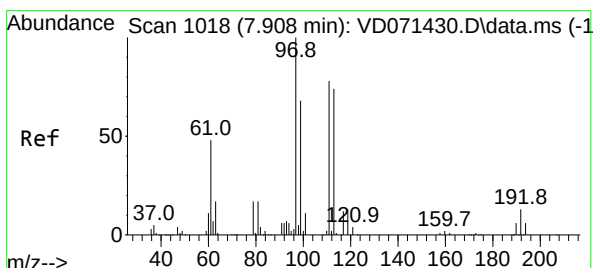
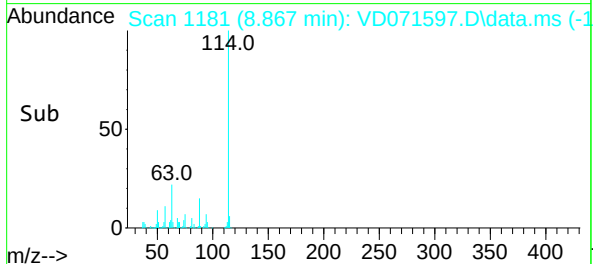
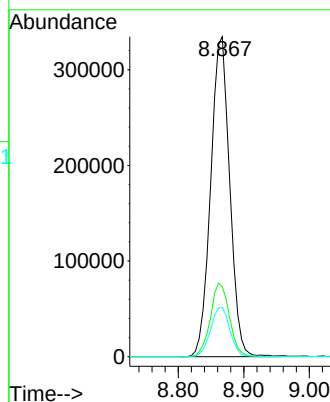
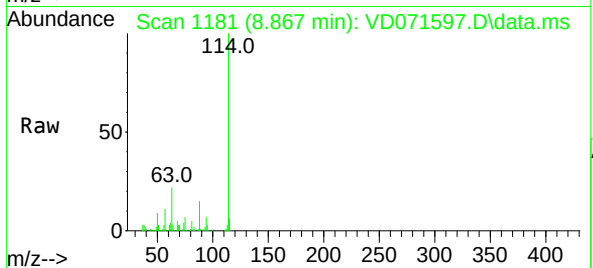
Tgt Ion:114 Resp: 673656

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.905 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071597.D

Acq: 04 Jan 2022 17:07

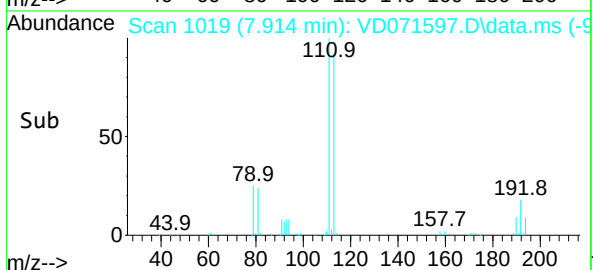
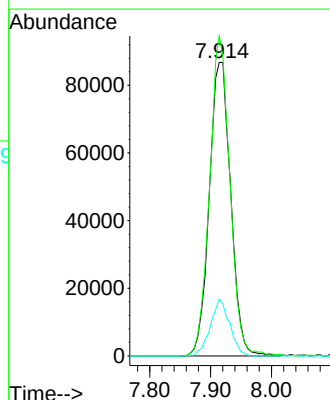
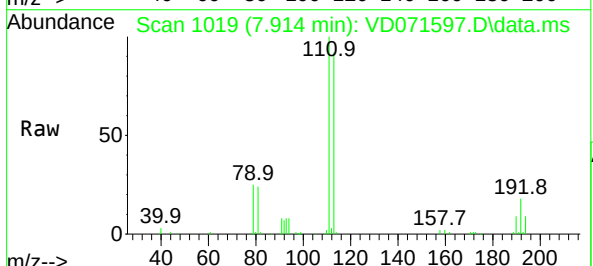
Tgt Ion:113 Resp: 212362

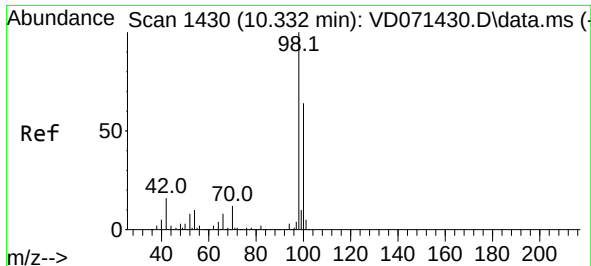
Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 17.4 15.2 22.8

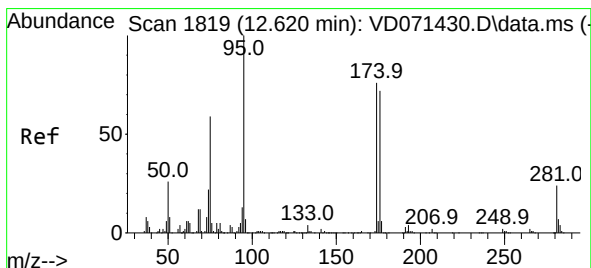
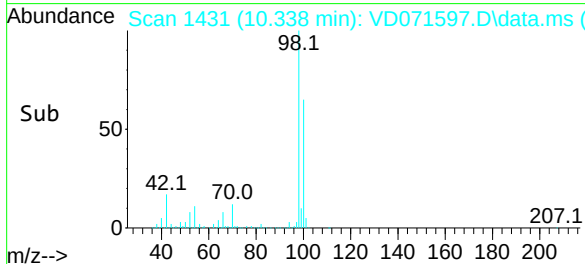
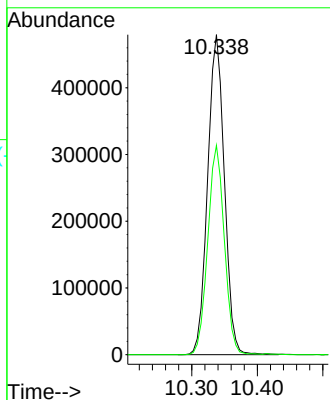
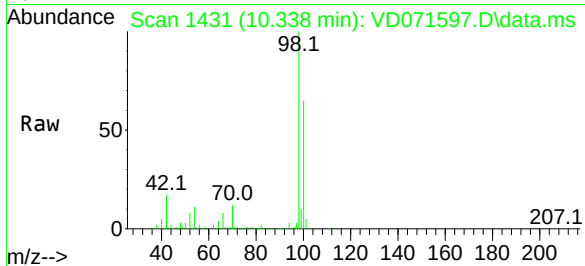




#50
Toluene-d8
Concen: 49.726 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

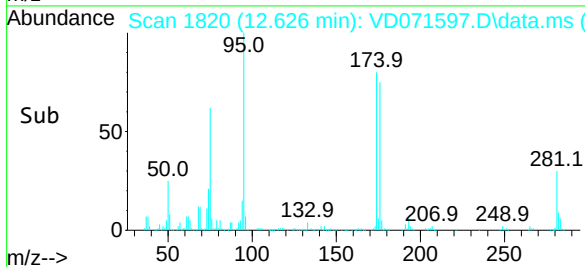
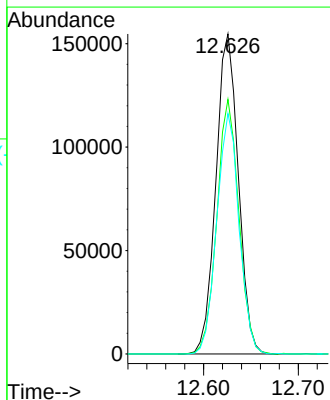
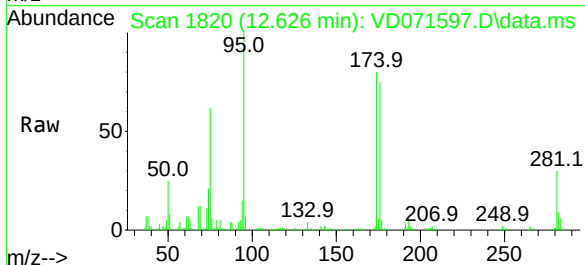
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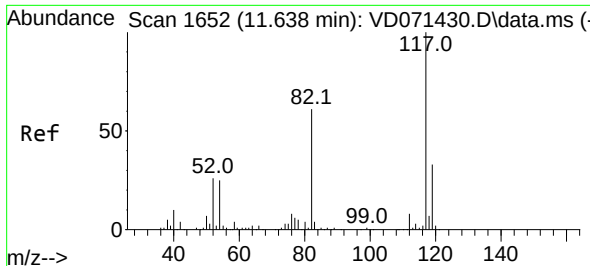
Tgt Ion: 98 Resp: 850787
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 41.866 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

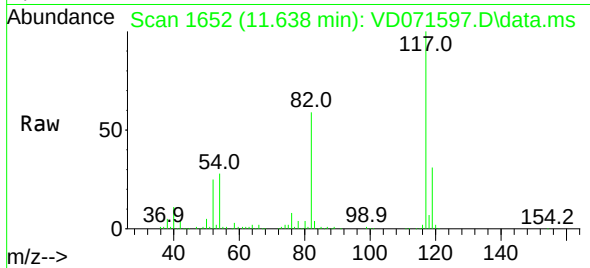
Tgt Ion: 95 Resp: 254538
Ion Ratio Lower Upper
95 100
174 78.1 0.0 159.4
176 74.6 0.0 154.0



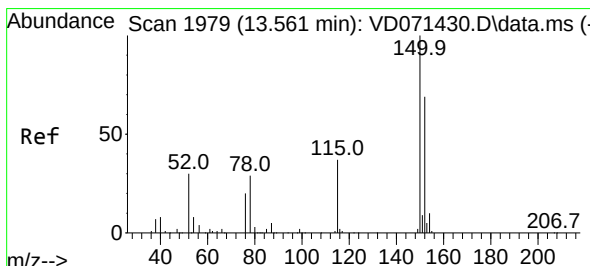
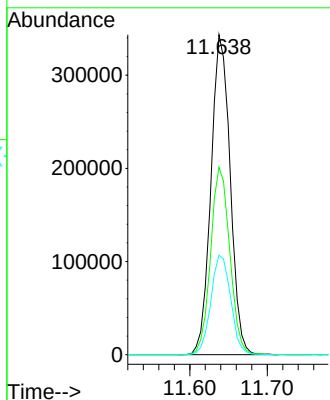
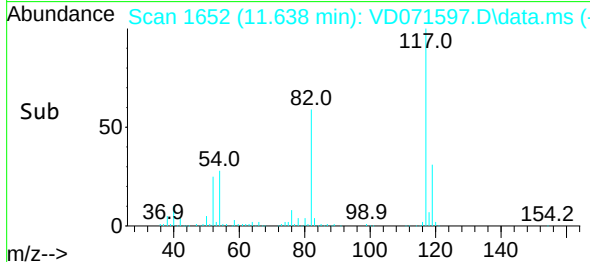


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07

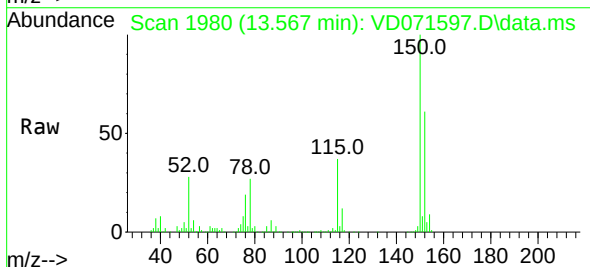
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(8.5-9)



Tgt Ion:117 Resp: 591316
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071597.D
Acq: 04 Jan 2022 17:07



Tgt Ion:152 Resp: 252391
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 157.3 0.0 349.2

