

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073687.D
 Acq On : 24 Jun 2022 15:00
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 25 07:21:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	309355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	584416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	552414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257614	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	184500	48.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.908	113	191123	41.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.960%
50) Toluene-d8	10.332	98	702986	43.006	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.020%
62) 4-Bromofluorobenzene	12.620	95	248133	40.473	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.940%

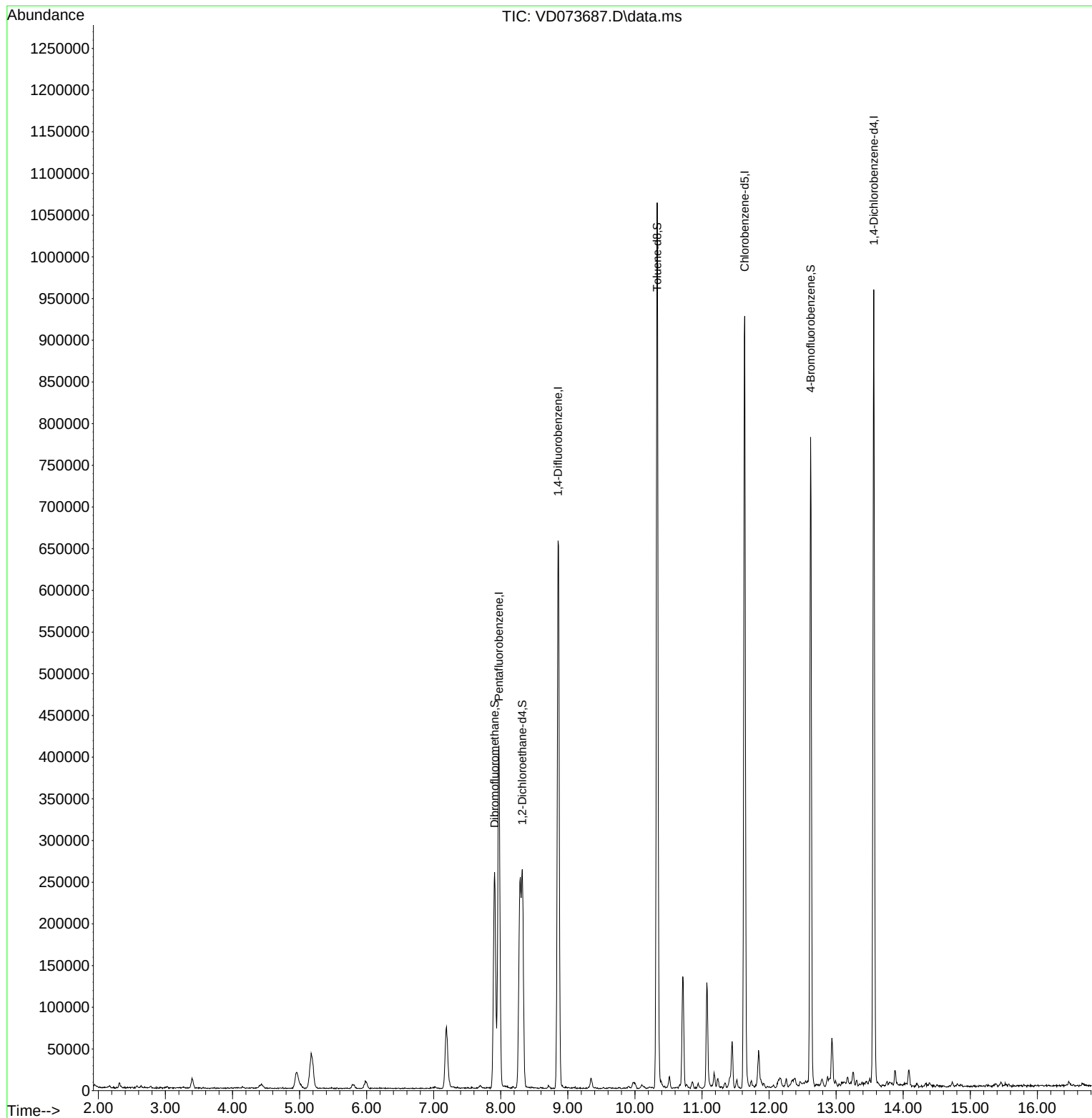
Target Compounds	Qvalue

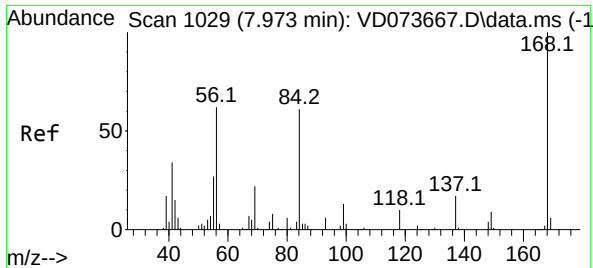
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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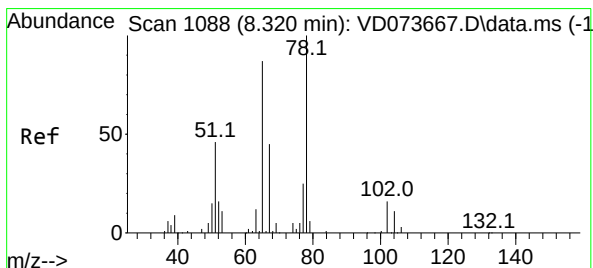
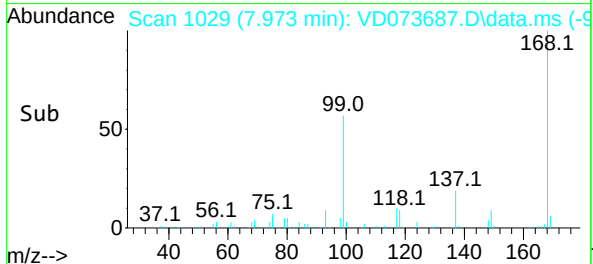
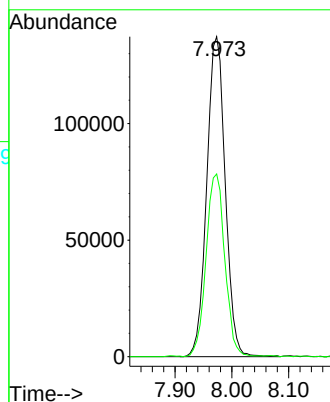
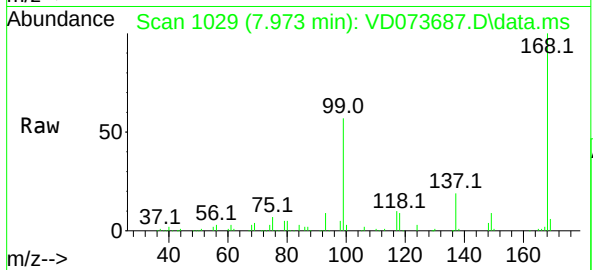




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073687.D
Acq: 24 Jun 2022 15:00

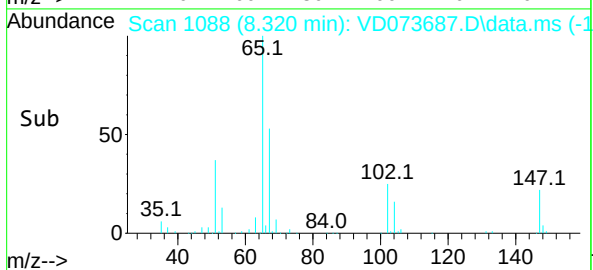
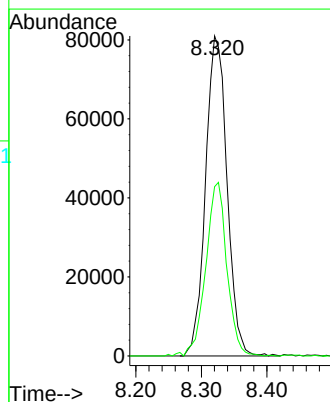
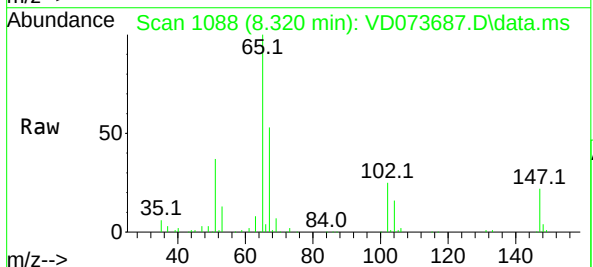
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

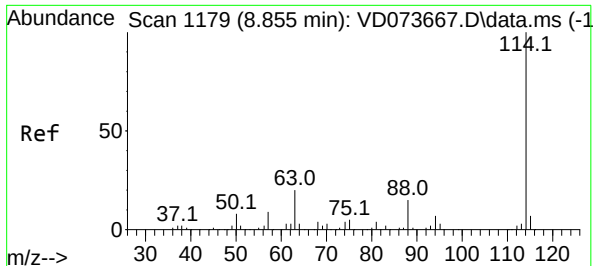
Tgt Ion:168 Resp: 309355
Ion Ratio Lower Upper
168 100
99 57.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 48.558 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD073687.D
Acq: 24 Jun 2022 15:00

Tgt Ion: 65 Resp: 184500
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073687.D

Acq: 24 Jun 2022 15:00

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

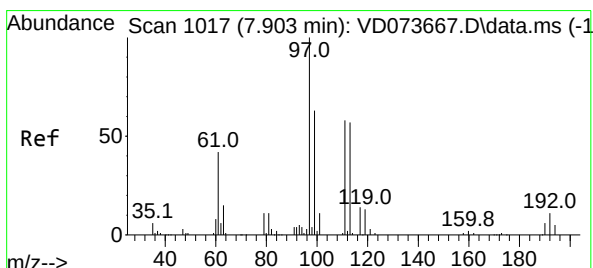
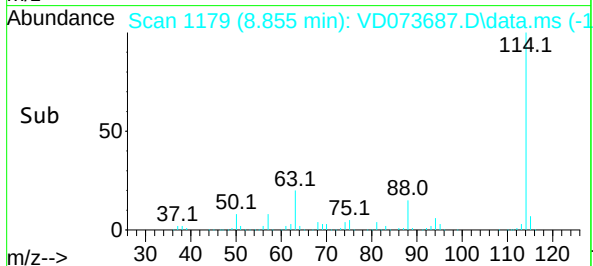
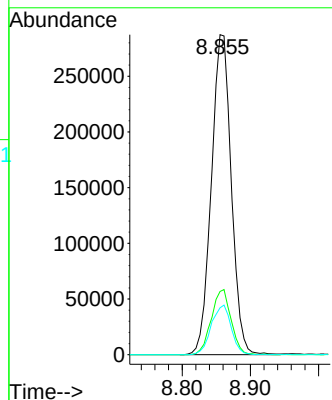
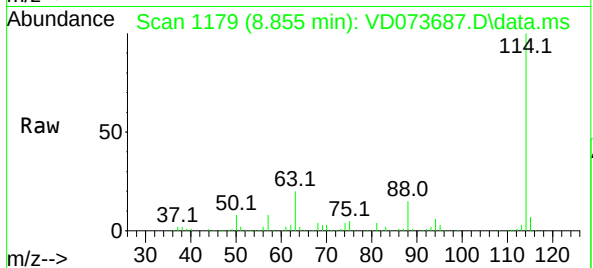
Tgt Ion:114 Resp: 584416

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 14.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 41.981 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073687.D

Acq: 24 Jun 2022 15:00

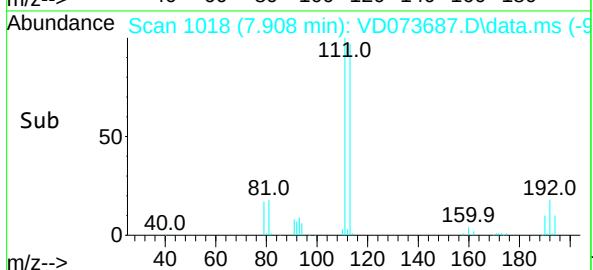
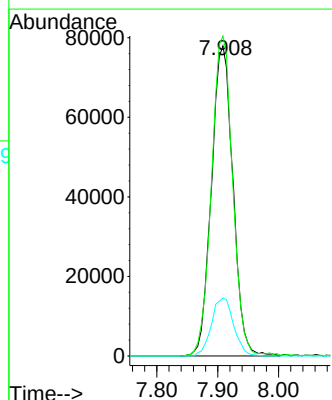
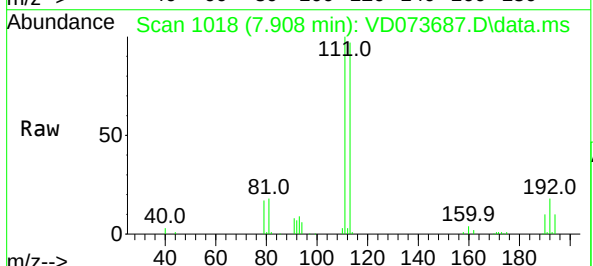
Tgt Ion:113 Resp: 191123

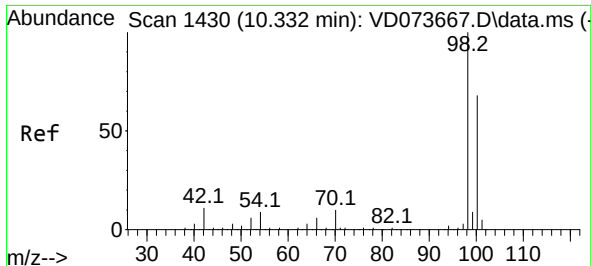
Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.6

192 19.3 14.8 22.2

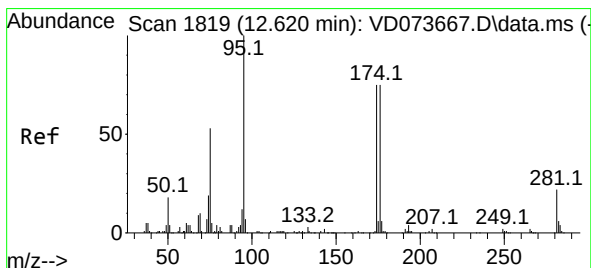
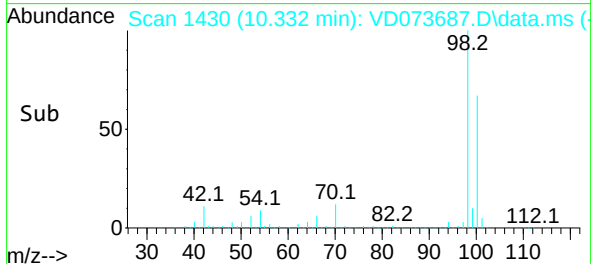
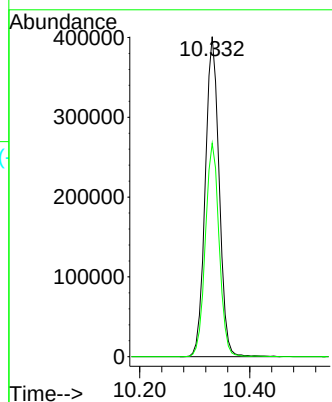
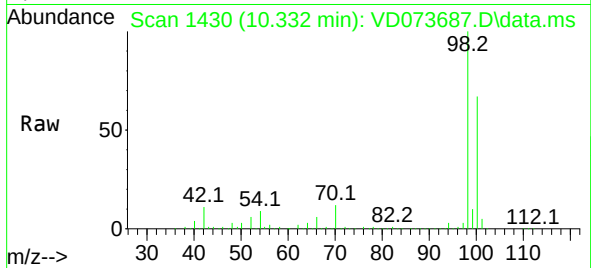




#50
Toluene-d8
Concen: 43.006 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073687.D
Acq: 24 Jun 2022 15:00

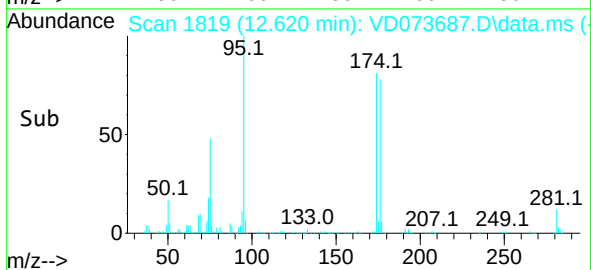
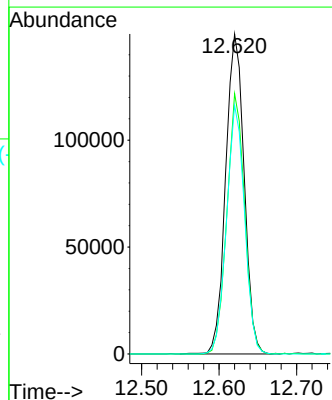
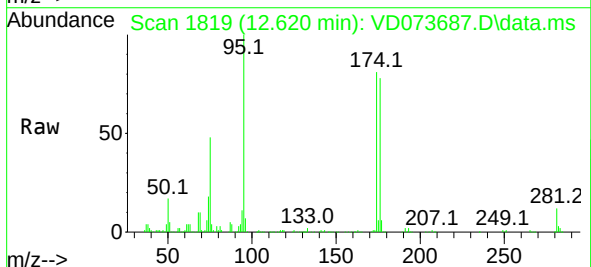
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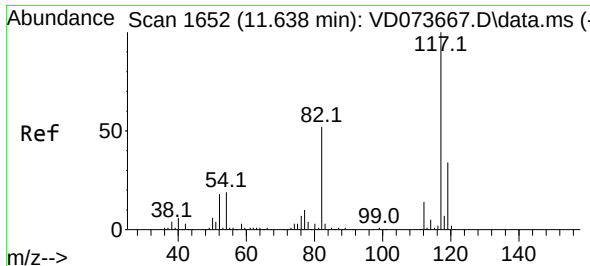
Tgt Ion: 98 Resp: 702986
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 40.473 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073687.D
Acq: 24 Jun 2022 15:00

Tgt Ion: 95 Resp: 248133
Ion Ratio Lower Upper
95 100
174 78.2 0.0 158.4
176 75.7 0.0 154.8

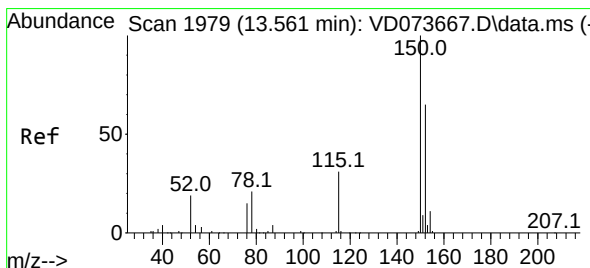
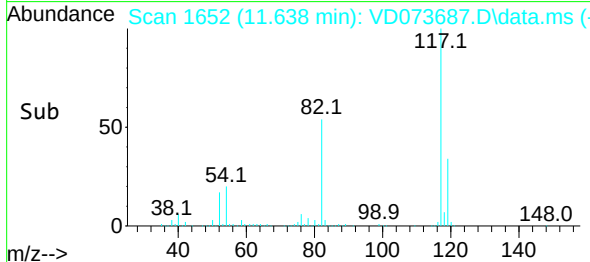
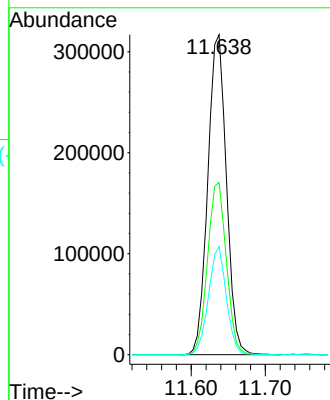
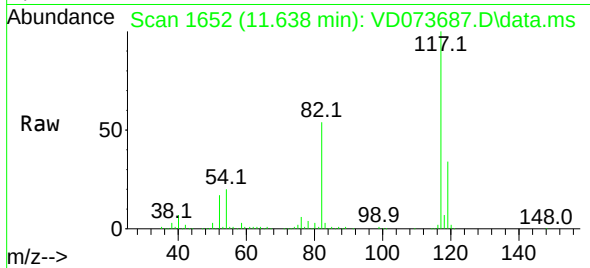




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073687.D
Acq: 24 Jun 2022 15:00

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 552414
Ion Ratio Lower Upper
117 100
82 53.9 41.5 62.3
119 33.8 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073687.D
Acq: 24 Jun 2022 15:00

Tgt Ion:152 Resp: 257614
Ion Ratio Lower Upper
152 100
115 59.5 30.6 91.6
150 157.9 0.0 355.0

