

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071742.D
 Acq On : 19 Jan 2022 14:17
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jan 20 04:58:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	369084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	655193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	589169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	229296	48.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.560%
35) Dibromofluoromethane	7.914	113	211296	48.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.338	98	826994	51.022	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.626	95	257185	45.029	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.060%

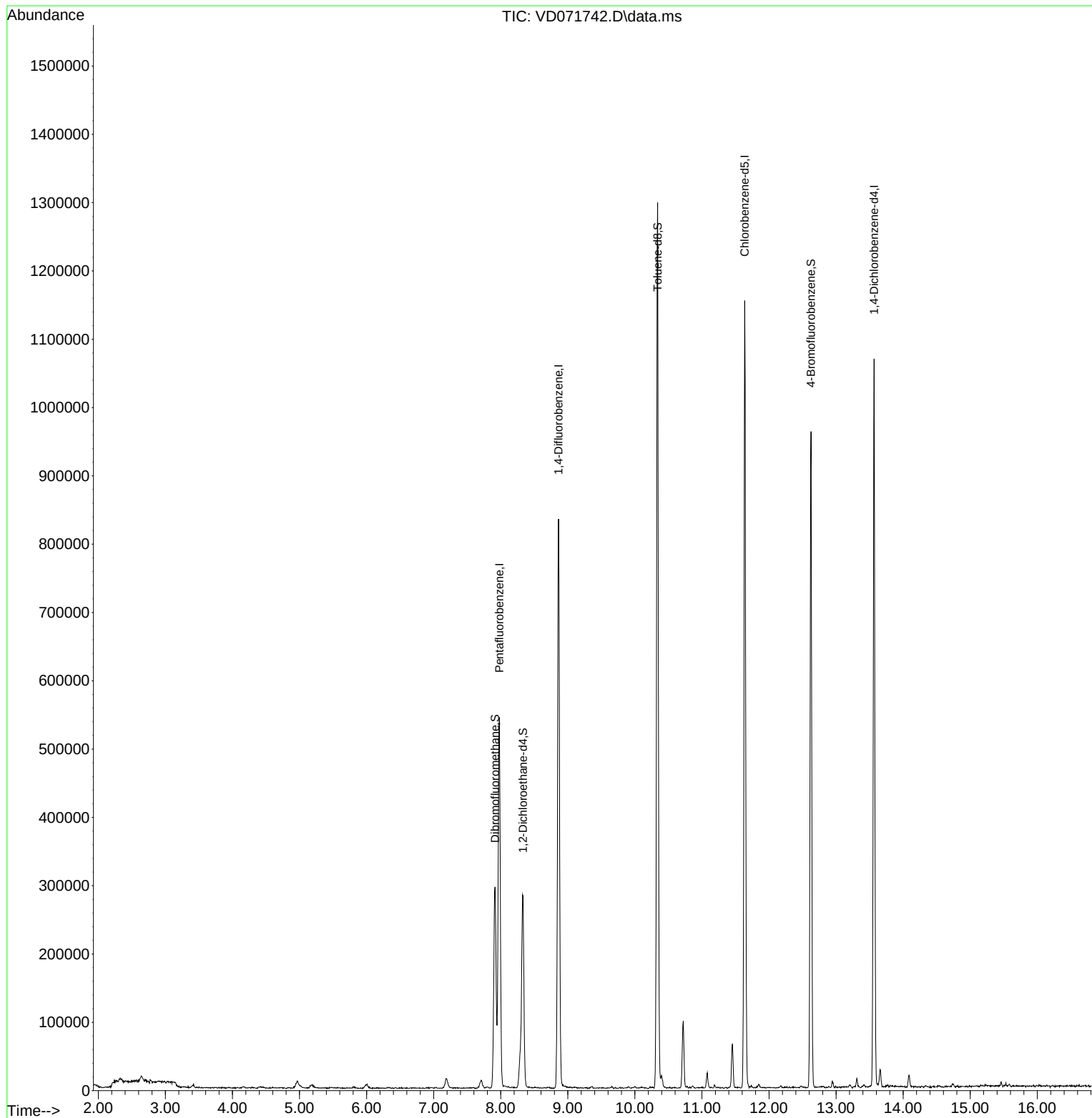
Target Compounds	Qvalue

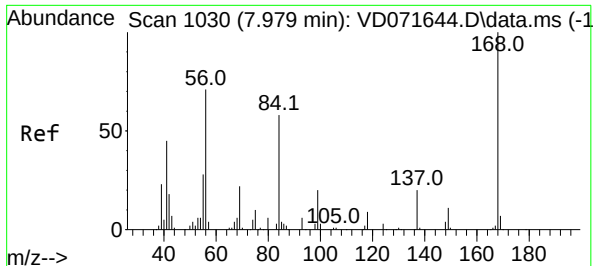
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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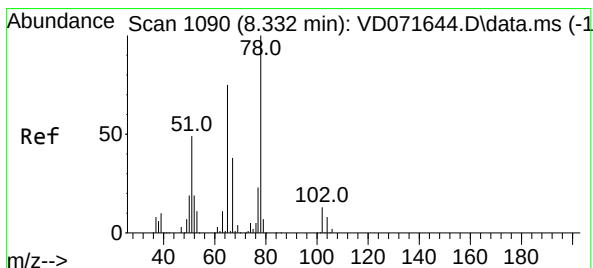
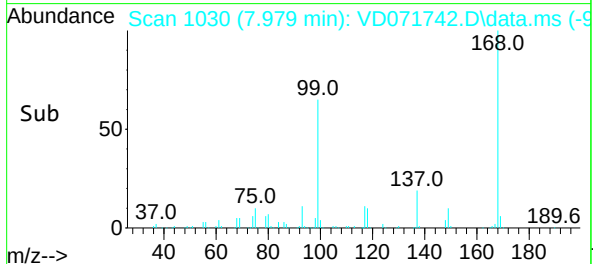
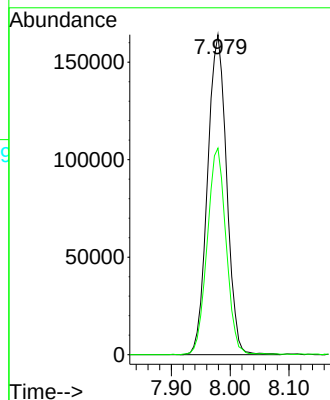
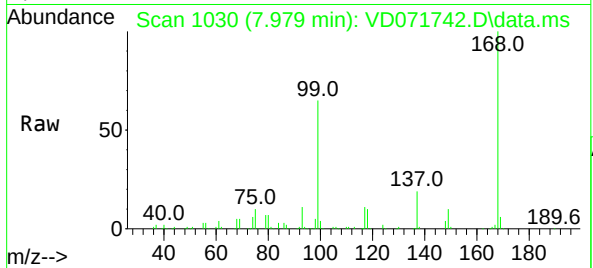




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071742.D
Acq: 19 Jan 2022 14:17

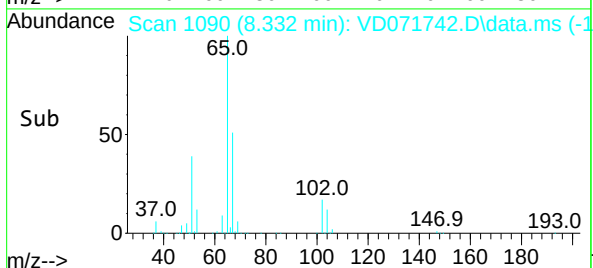
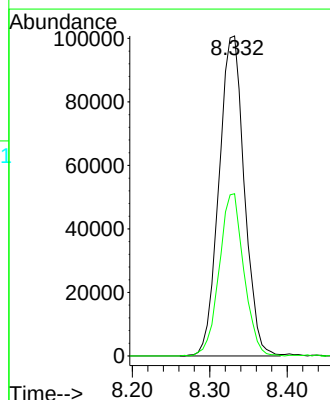
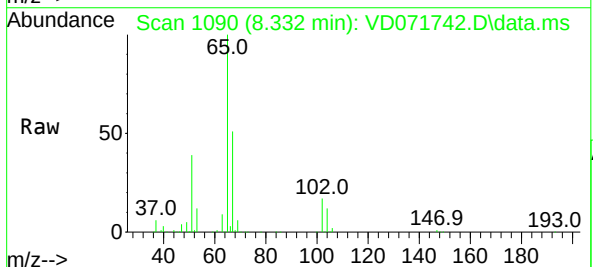
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

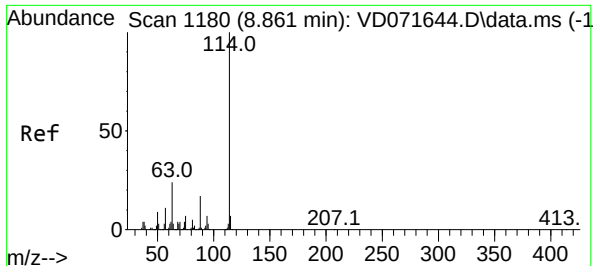
Tgt Ion:168 Resp: 369084
Ion Ratio Lower Upper
168 100
99 64.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 48.282 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071742.D
Acq: 19 Jan 2022 14:17

Tgt Ion: 65 Resp: 229296
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071742.D

Acq: 19 Jan 2022 14:17

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

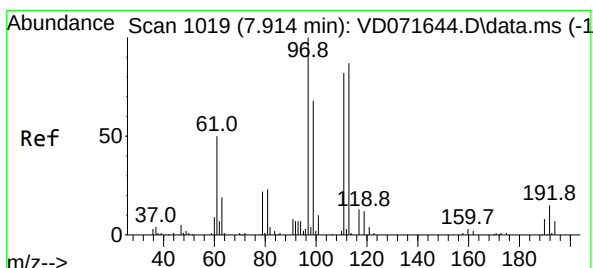
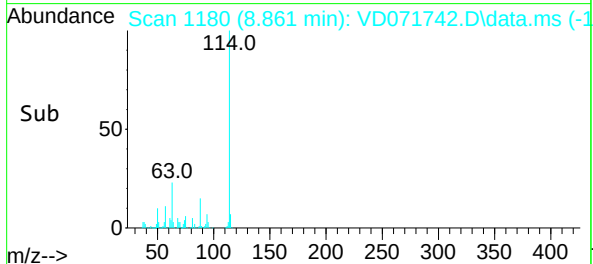
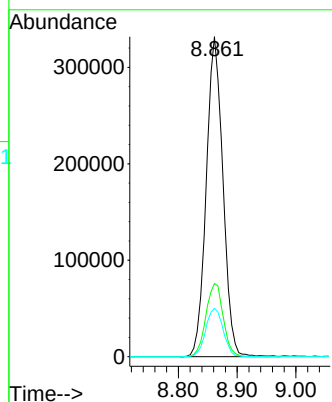
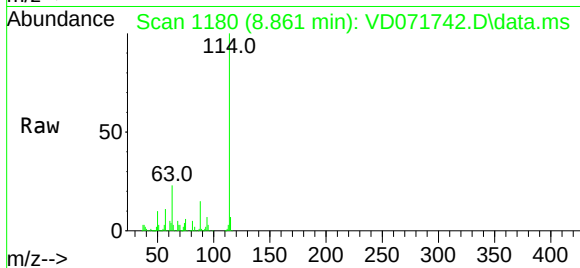
Tgt Ion:114 Resp: 655193

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

88 15.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.798 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071742.D

Acq: 19 Jan 2022 14:17

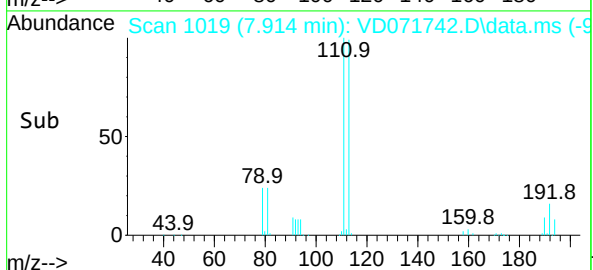
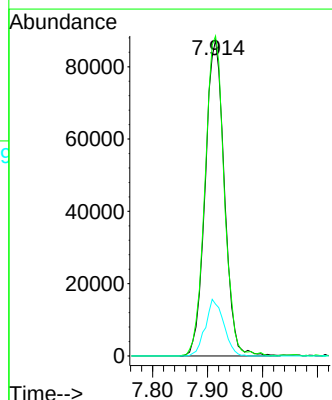
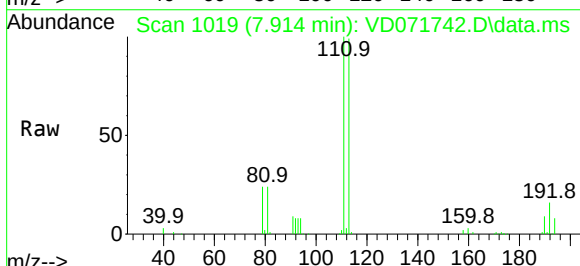
Tgt Ion:113 Resp: 211296

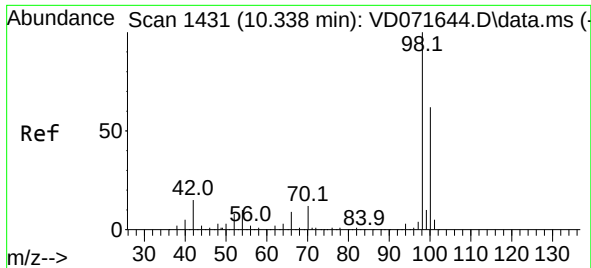
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 17.3 14.2 21.2

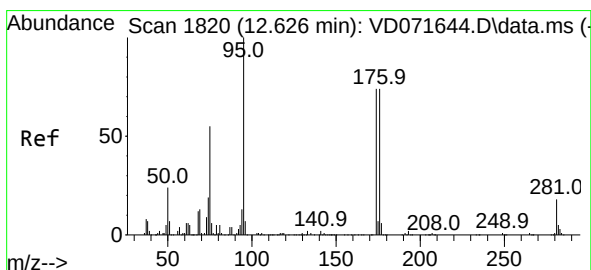
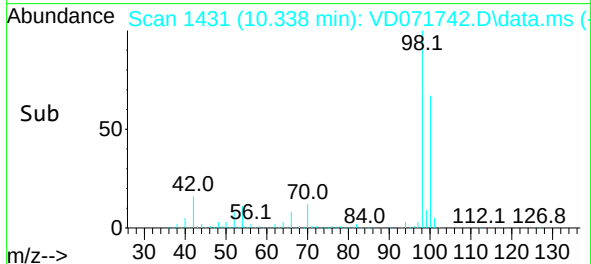
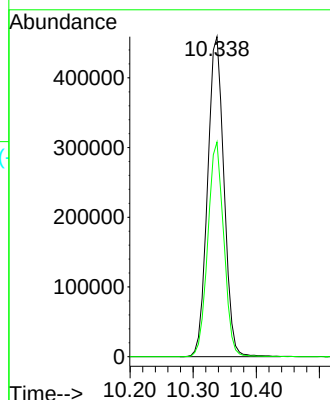
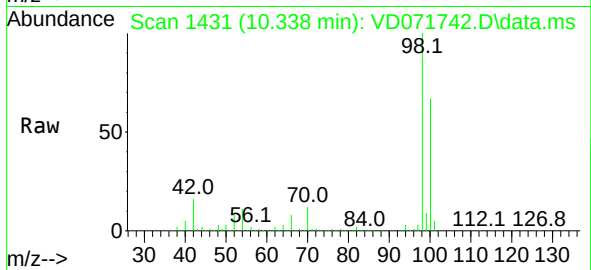




#50
Toluene-d8
Concen: 51.022 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071742.D
Acq: 19 Jan 2022 14:17

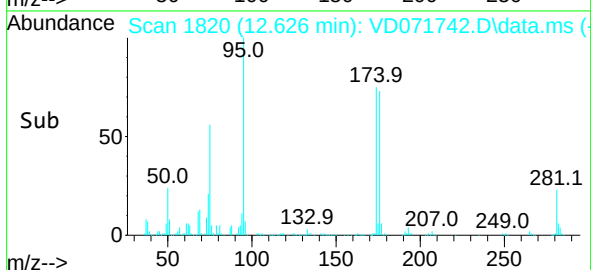
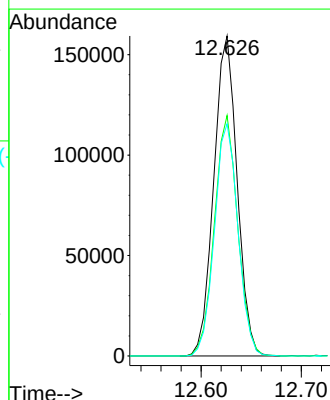
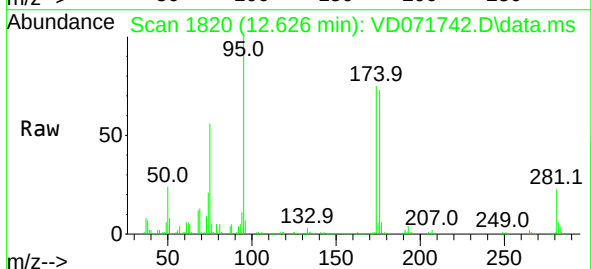
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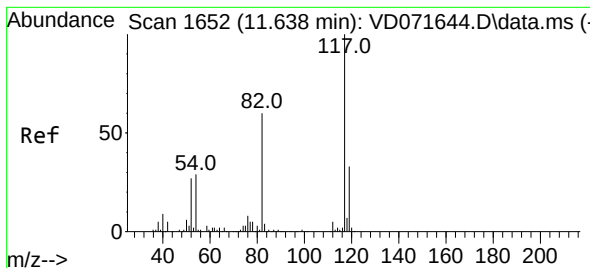
Tgt Ion: 98 Resp: 826994
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.029 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071742.D
Acq: 19 Jan 2022 14:17

Tgt Ion: 95 Resp: 257185
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.0
176 72.8 0.0 146.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD071742.D

Acq: 19 Jan 2022 14:17

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

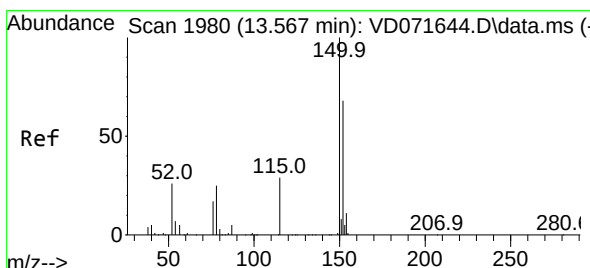
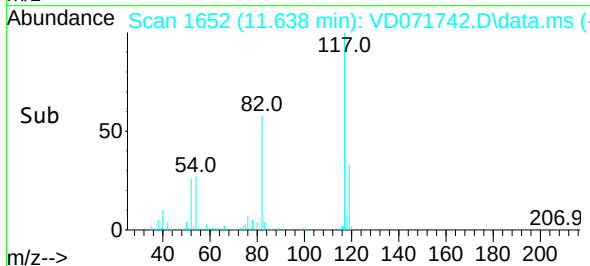
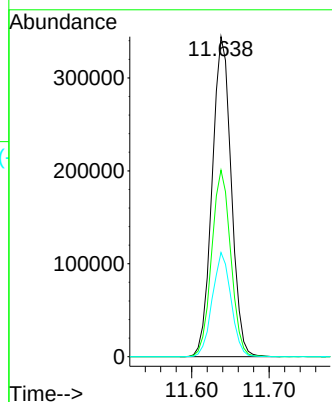
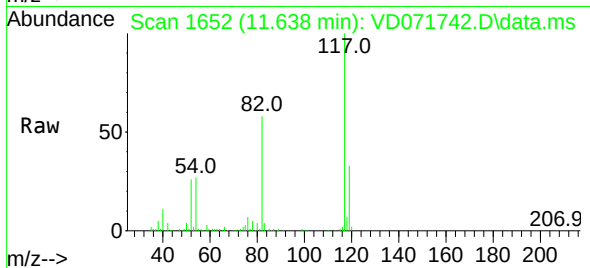
Tgt Ion:117 Resp: 589169

Ion Ratio Lower Upper

117 100

82 58.3 46.9 70.3

119 32.5 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD071742.D

Acq: 19 Jan 2022 14:17

Tgt Ion:152 Resp: 242927

Ion Ratio Lower Upper

152 100

115 61.9 31.5 94.5

150 160.7 0.0 348.0

