

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071472.D
 Acq On : 25 Dec 2021 21:52
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 27 00:52:35 2021
 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	383380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	672195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	624829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223493	43.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.780%
35) Dibromofluoromethane	7.914	113	206721	45.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.520%
50) Toluene-d8	10.332	98	857892	50.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.620	95	285864	47.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.240%

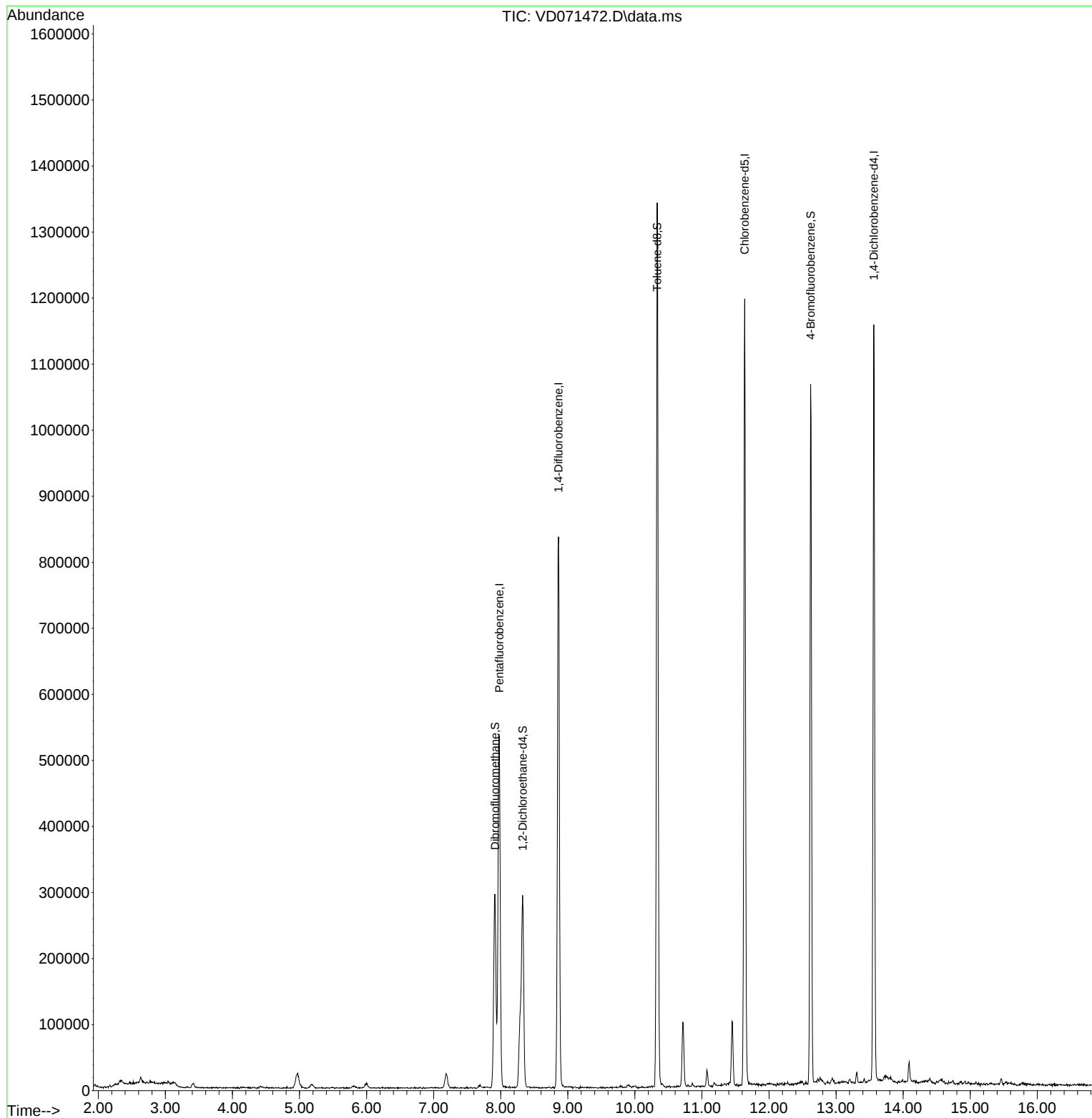
Target Compounds	Qvalue

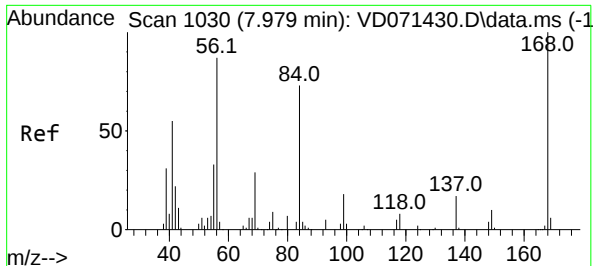
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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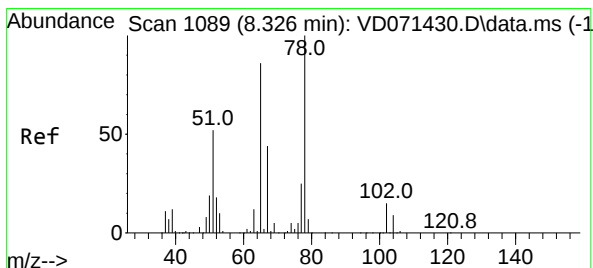
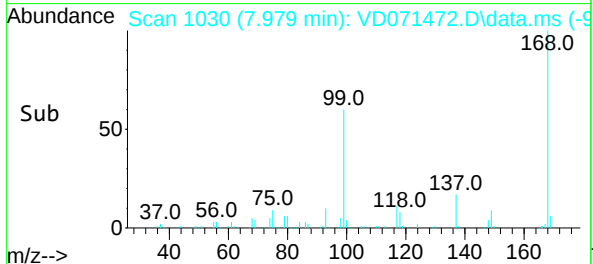
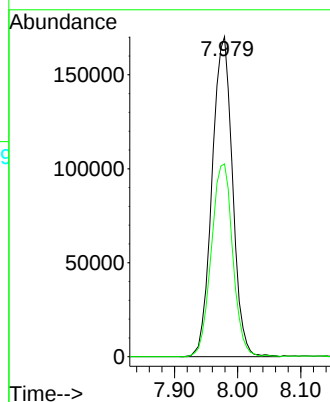
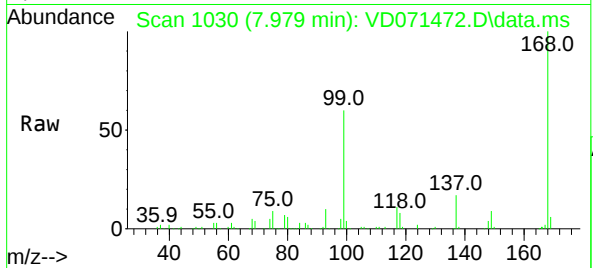




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

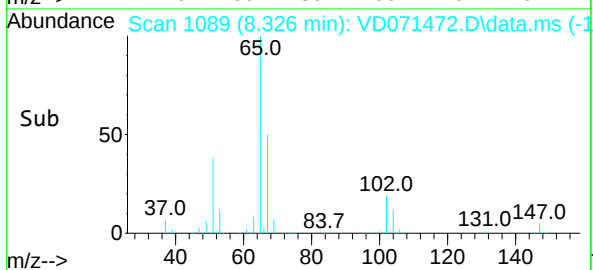
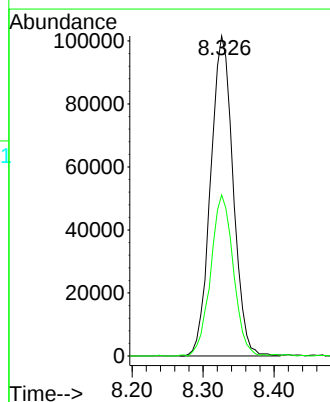
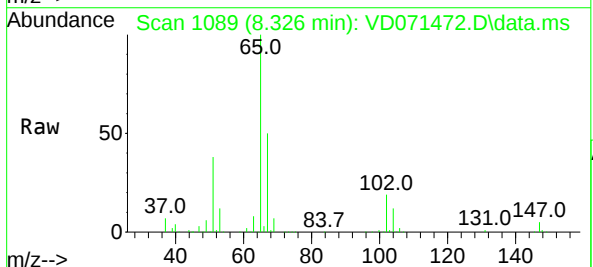
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

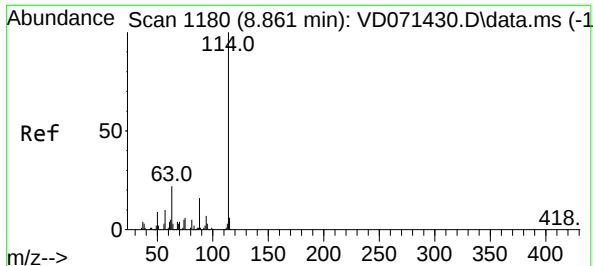
Tgt Ion:168 Resp: 383380
Ion Ratio Lower Upper
168 100
99 60.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 43.894 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

Tgt Ion: 65 Resp: 223493
Ion Ratio Lower Upper
65 100
67 50.6 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: VD071472.D

Acq: 25 Dec 2021 21:52

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

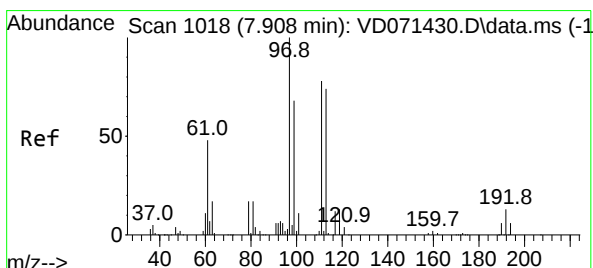
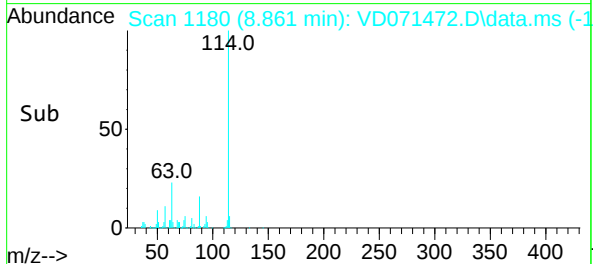
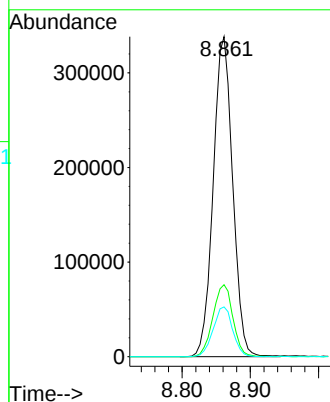
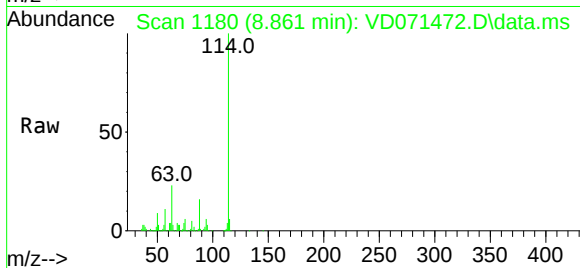
Tgt Ion:114 Resp: 672195

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.758 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071472.D

Acq: 25 Dec 2021 21:52

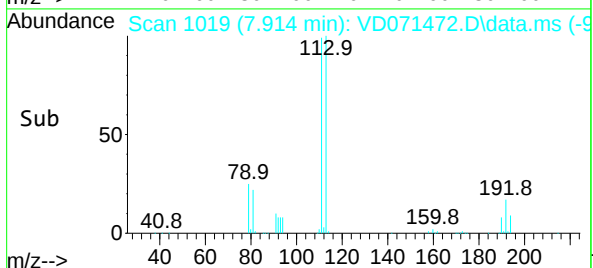
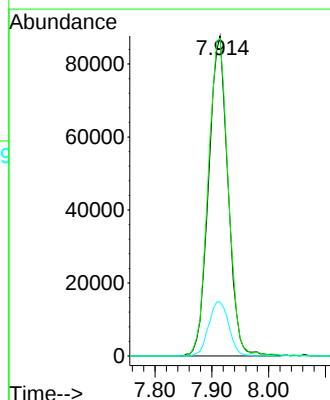
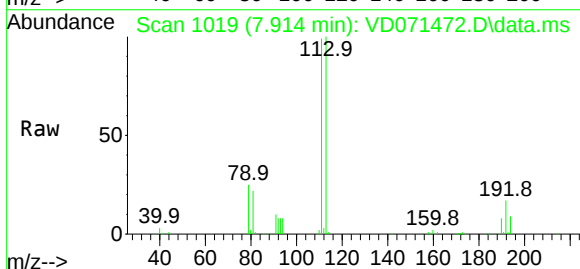
Tgt Ion:113 Resp: 206721

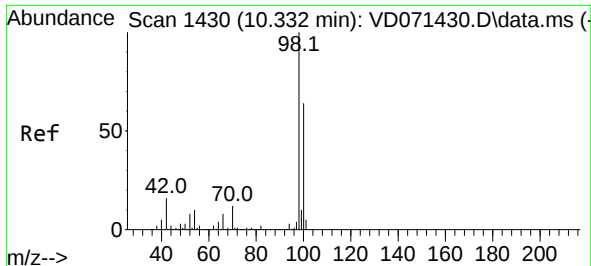
Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 17.6 15.2 22.8

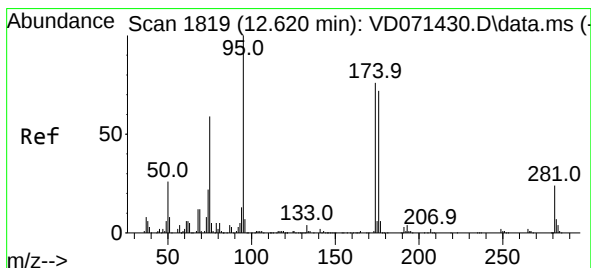
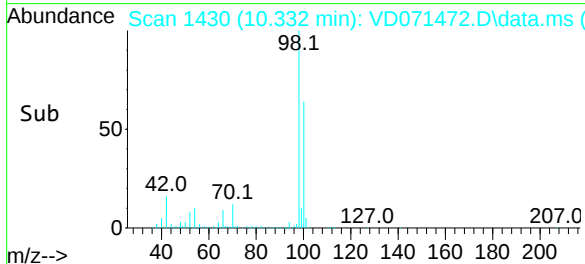
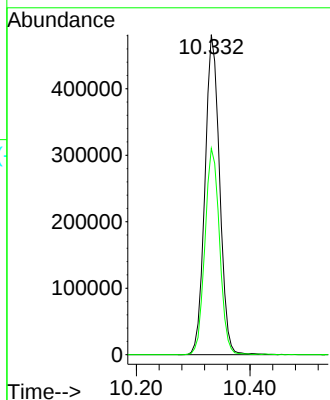
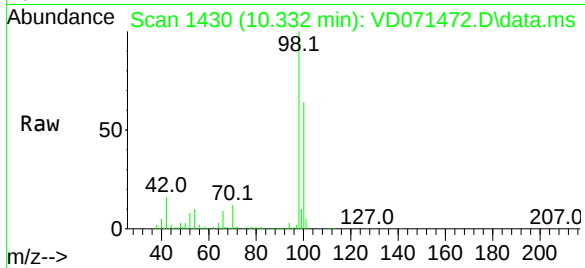




#50
Toluene-d8
Concen: 50.250 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

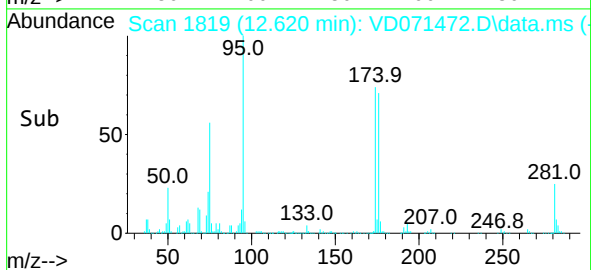
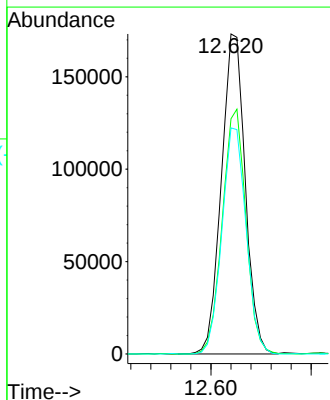
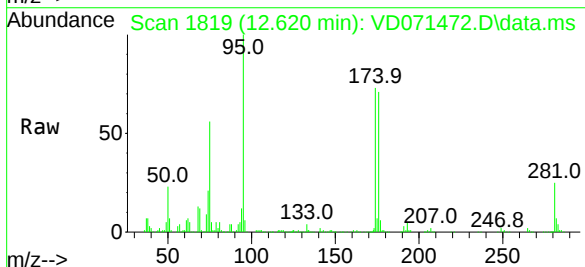
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

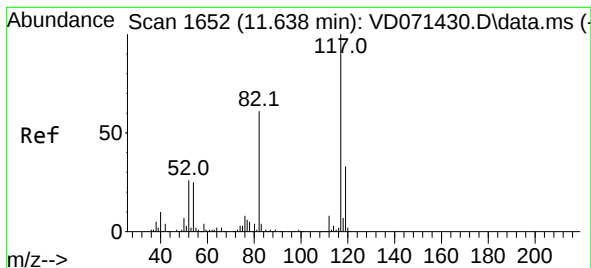
Tgt Ion: 98 Resp: 857892
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.121 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

Tgt Ion: 95 Resp: 285864
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.4
176 71.7 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071472.D

Acq: 25 Dec 2021 21:52

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

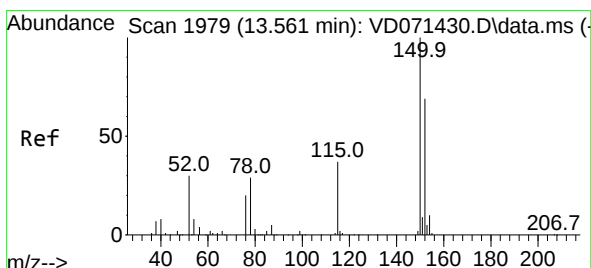
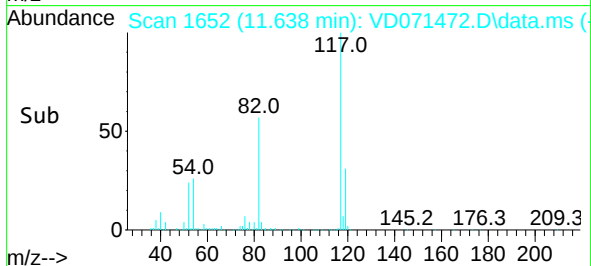
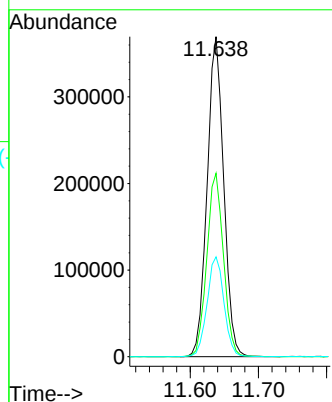
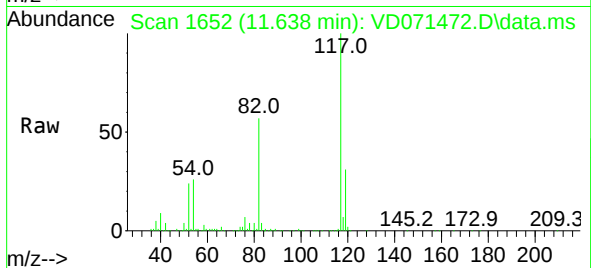
Tgt Ion:117 Resp: 624829

Ion Ratio Lower Upper

117 100

82 57.3 44.7 67.1

119 31.1 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: VD071472.D

Acq: 25 Dec 2021 21:52

Tgt Ion:152 Resp: 276042

Ion Ratio Lower Upper

152 100

115 61.5 29.8 89.3

150 156.4 0.0 349.2

