

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076536.D
 Acq On : 22 Jun 2023 13:45
 Operator : KP/SY
 Sample : 03355-09
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-6.5-7.0

Quant Time: Jun 23 06:35:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	149782	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	272624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97708	65.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.220%
35) Dibromofluoromethane	7.804	113	102244	63.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.260%
50) Toluene-d8	10.269	98	359170	58.476	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.960%
62) 4-Bromofluorobenzene	12.575	95	87168	43.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.460%

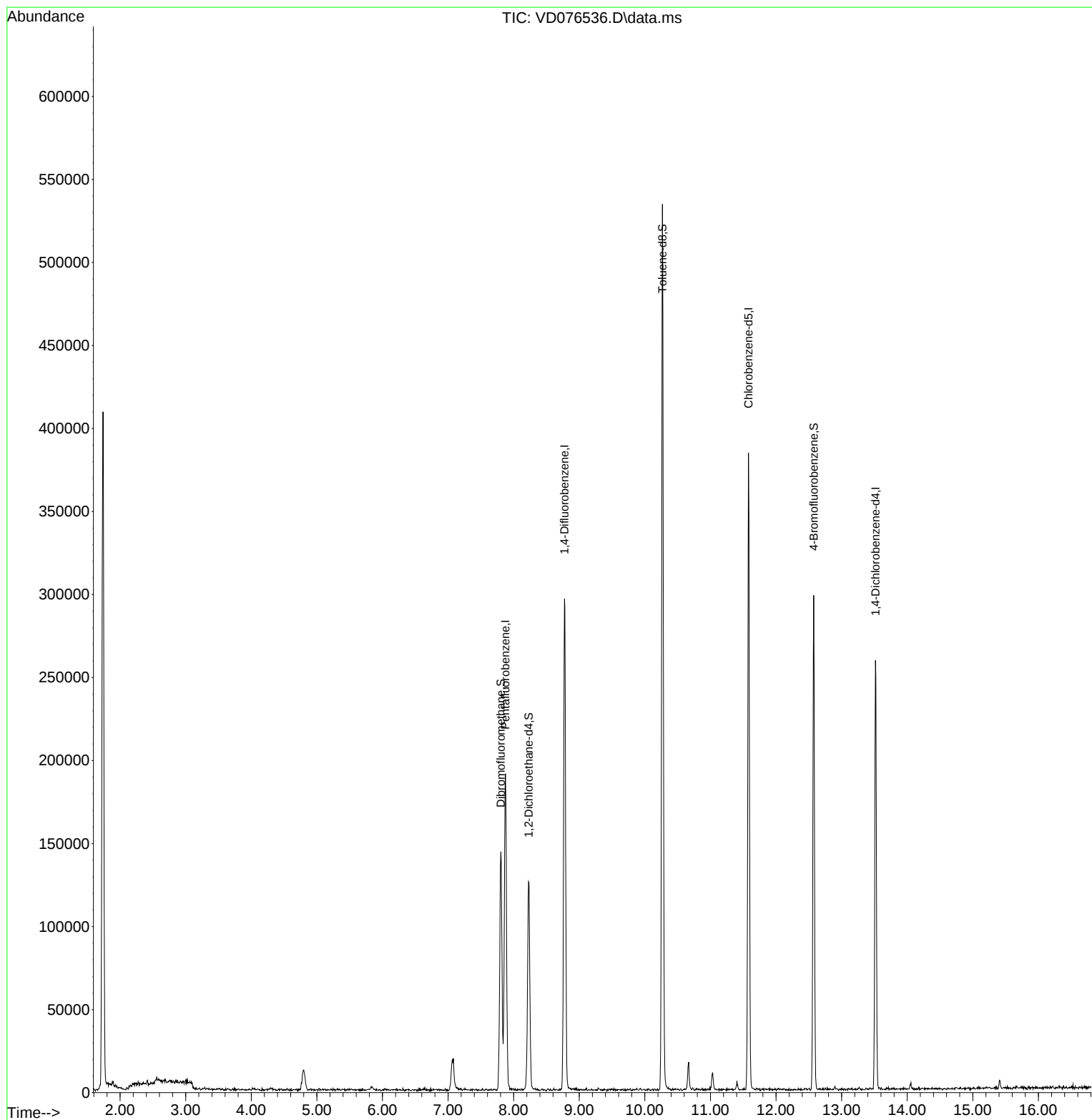
Target Compounds	Qvalue

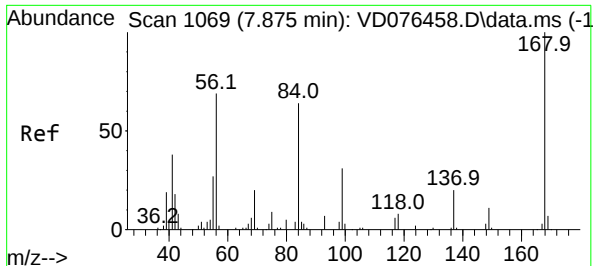
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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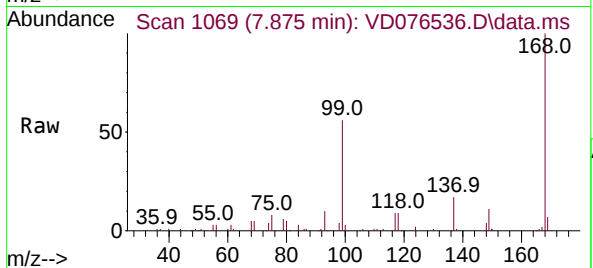
Quant Time: Jun 23 06:35:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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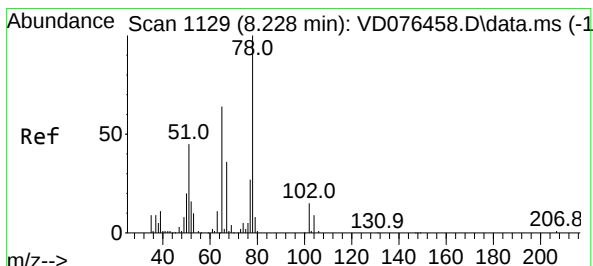
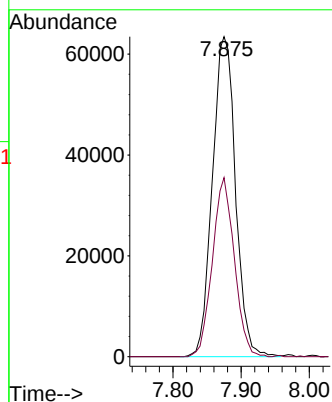
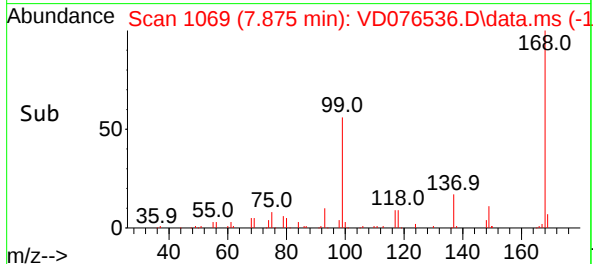


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

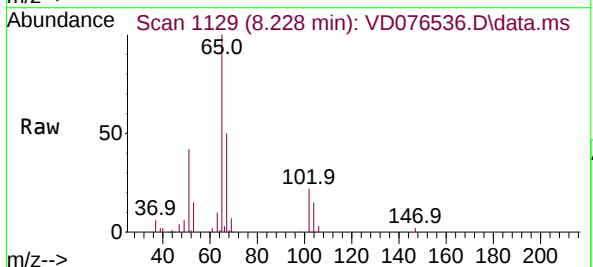
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0



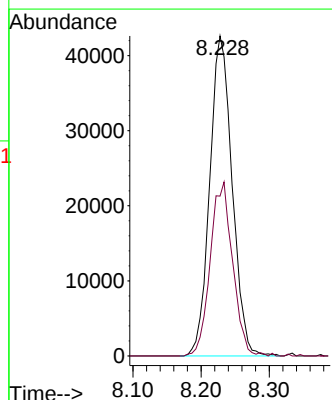
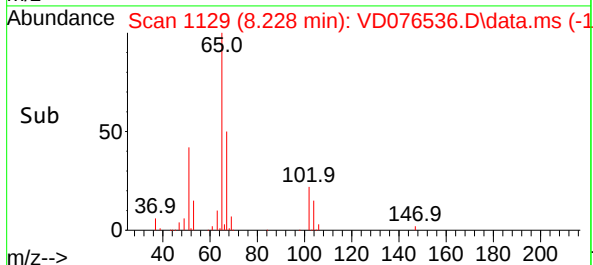
Tgt Ion:168 Resp: 149782
Ion Ratio Lower Upper
168 100
99 55.9 36.7 55.1#

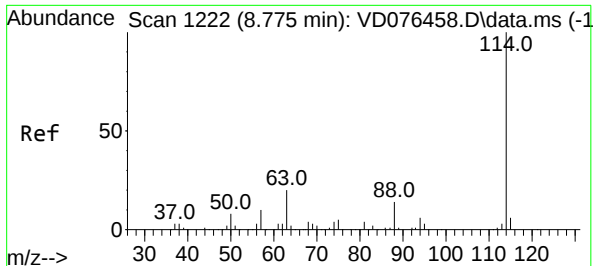


#33
1,2-Dichloroethane-d4
Concen: 65.109 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45



Tgt Ion: 65 Resp: 97708
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076536.D

Acq: 22 Jun 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

SB-05-6.5-7.0

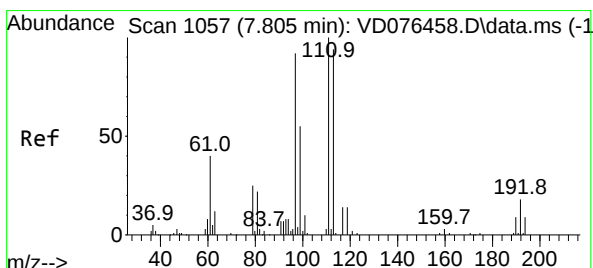
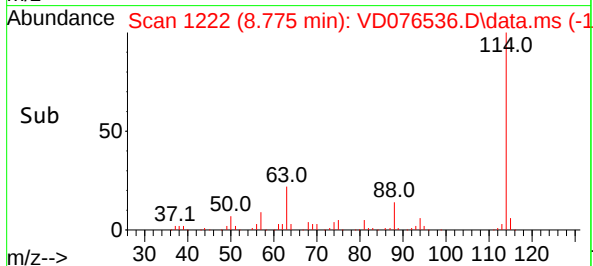
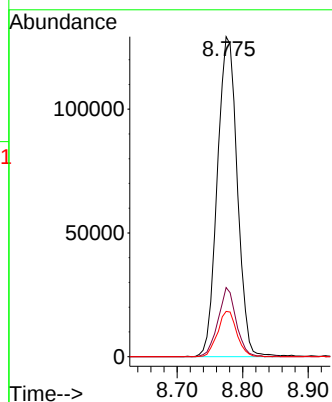
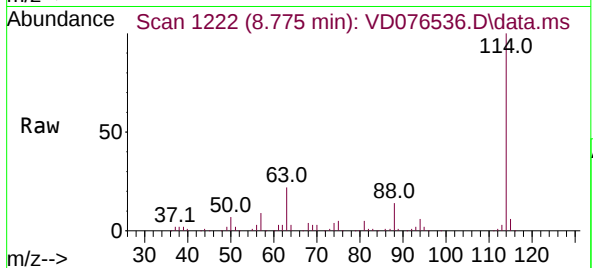
Tgt Ion:114 Resp: 272624

Ion Ratio Lower Upper

114 100

63 21.6 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 63.130 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076536.D

Acq: 22 Jun 2023 13:45

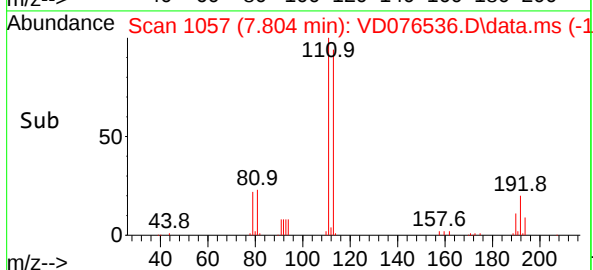
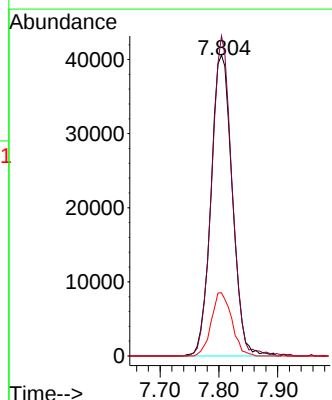
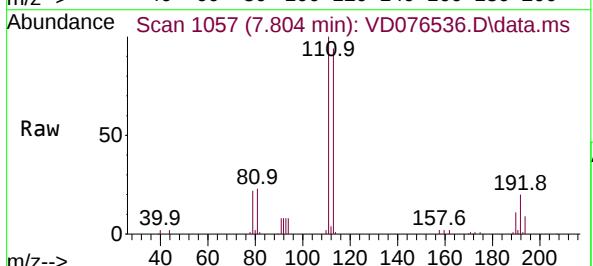
Tgt Ion:113 Resp: 102244

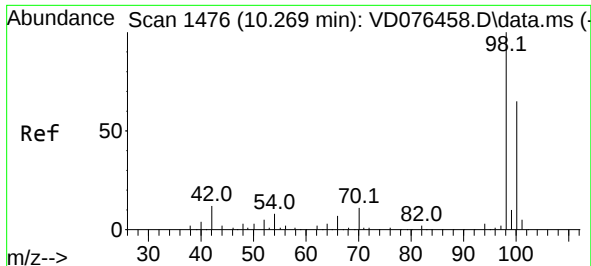
Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 20.2 16.8 25.2

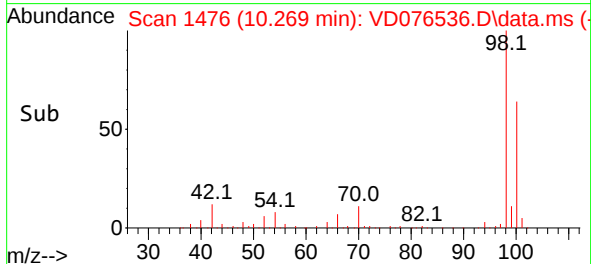
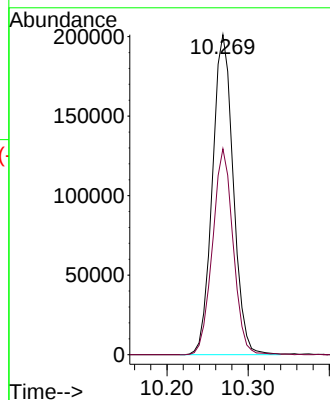
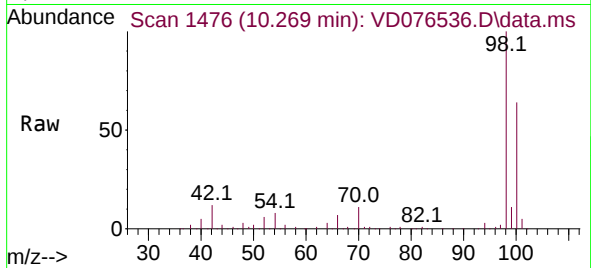




#50
Toluene-d8
Concen: 58.476 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

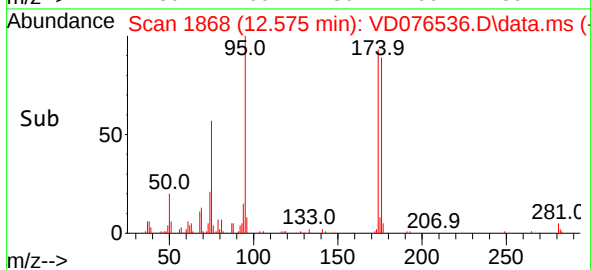
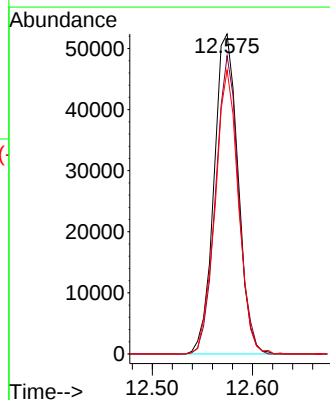
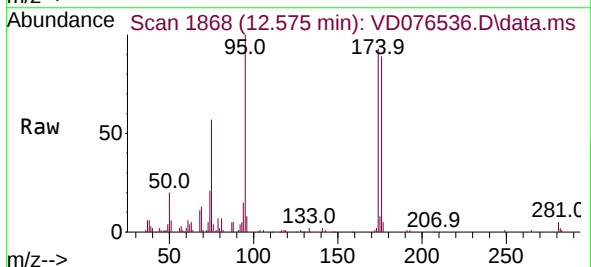
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SB-05-6.5-7.0

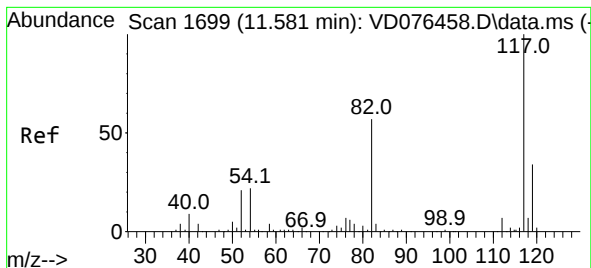
Tgt Ion: 98 Resp: 359170
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.728 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

Tgt Ion: 95 Resp: 87168
Ion Ratio Lower Upper
95 100
174 88.8 0.0 201.8
176 86.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076536.D

Acq: 22 Jun 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

SB-05-6.5-7.0

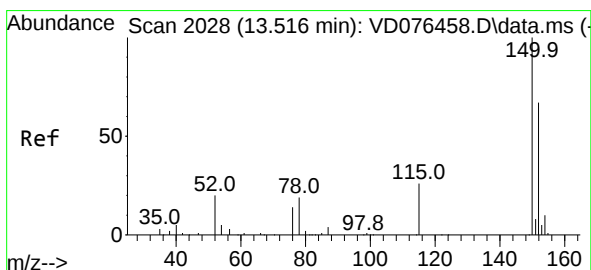
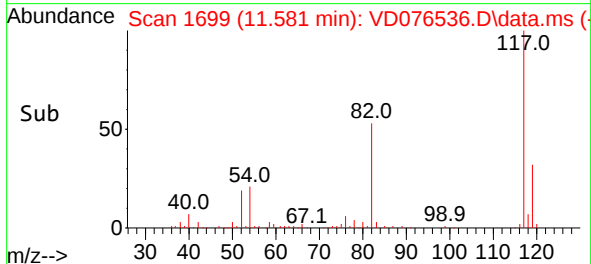
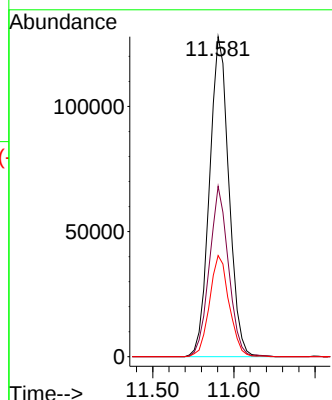
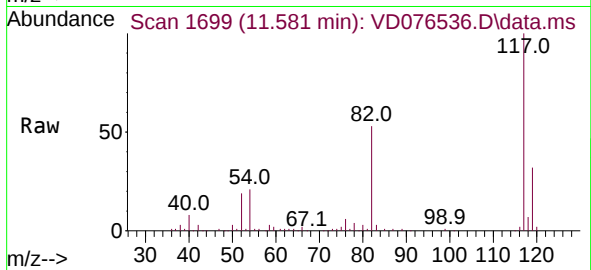
Tgt Ion:117 Resp: 212010

Ion Ratio Lower Upper

117 100

82 53.3 38.3 57.5

119 31.6 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076536.D

Acq: 22 Jun 2023 13:45

Tgt Ion:152 Resp: 68062

Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.3

150 160.0 0.0 353.6

