

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076510.D
 Acq On : 21 Jun 2023 13:52
 Operator : KP/SY
 Sample : 03336-04
 Misc : 5.16G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-5

Quant Time: Jun 22 01:58:16 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	188543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81923	43.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.740%
35) Dibromofluoromethane	7.805	113	91149	47.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.940%
50) Toluene-d8	10.269	98	360526	49.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.569	95	107888	45.654	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.300%

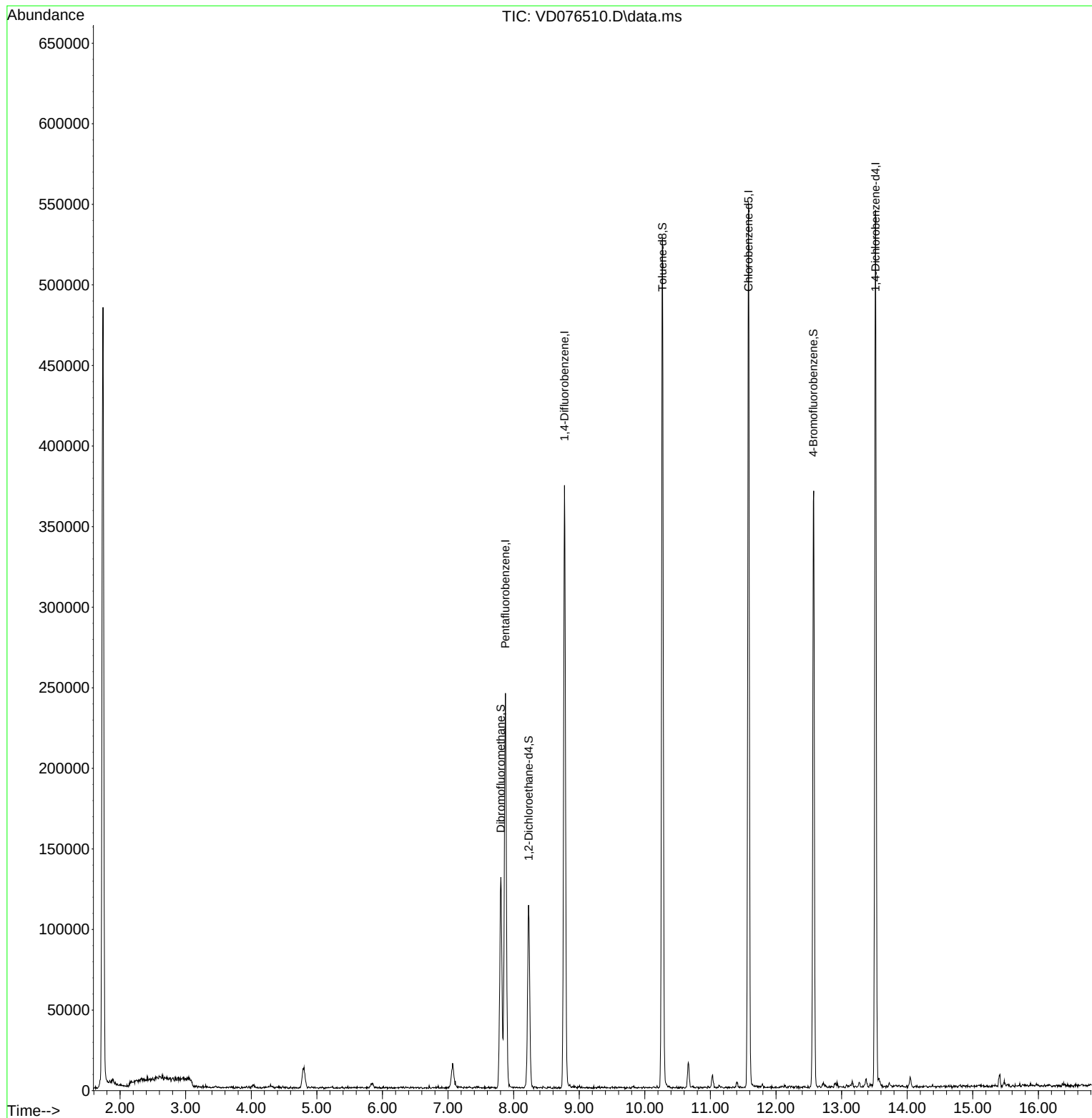
Target Compounds	Qvalue

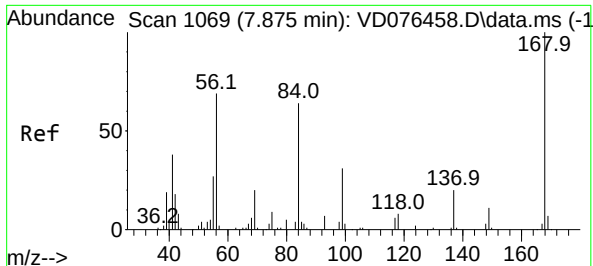
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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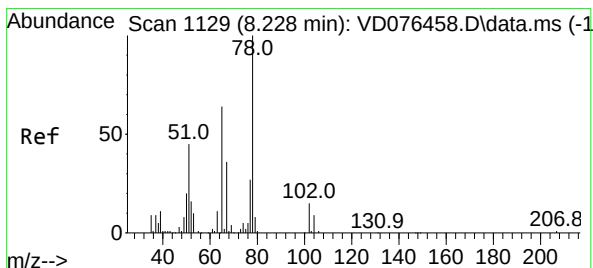
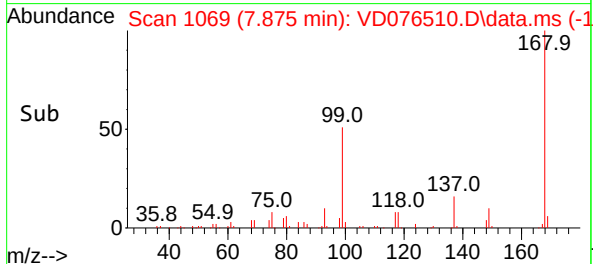
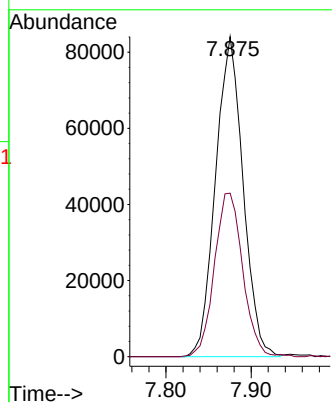
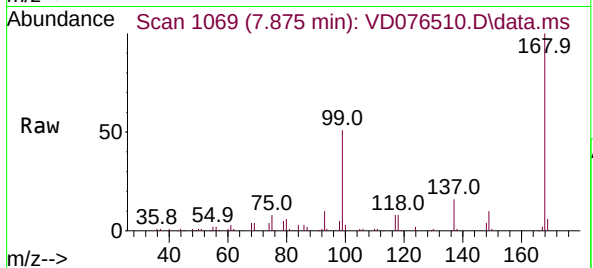




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076510.D
Acq: 21 Jun 2023 13:52

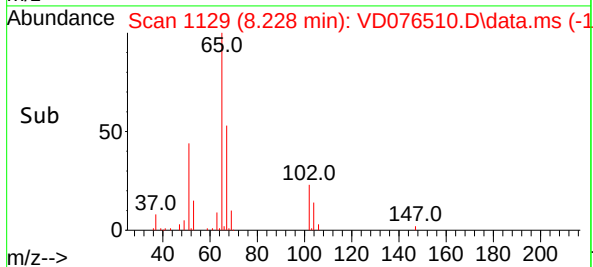
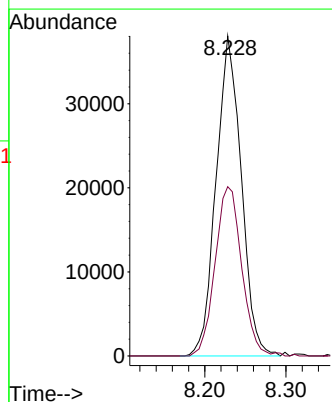
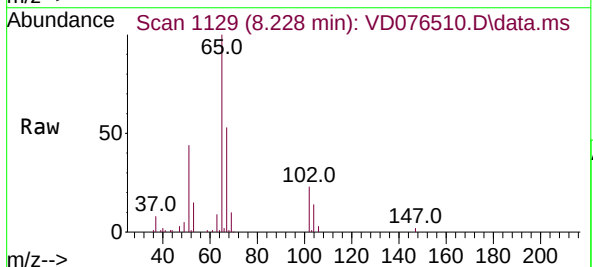
Instrument :
MSVOA_D
ClientSampleId :
WC-5

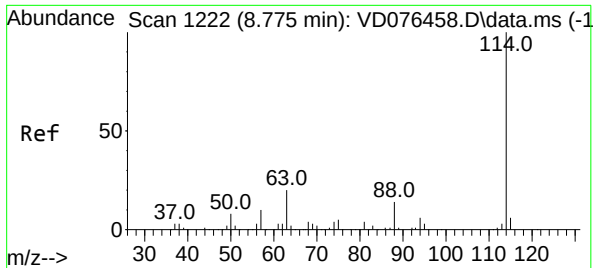
Tgt Ion:168 Resp: 188543
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 43.368 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076510.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 65 Resp: 81923
Ion Ratio Lower Upper
65 100
67 56.0 0.0 115.0

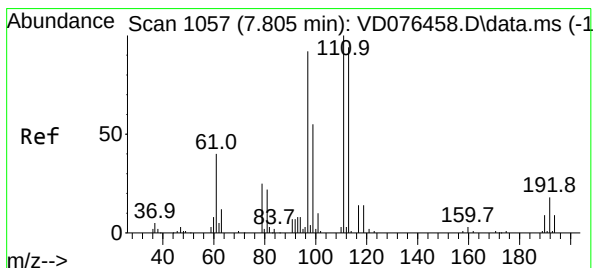
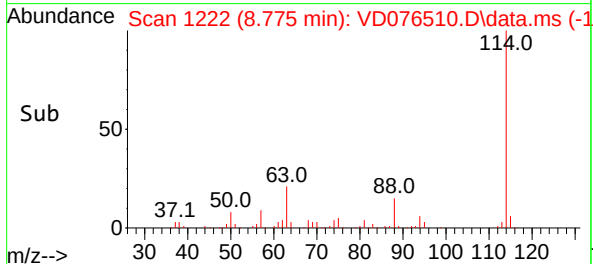
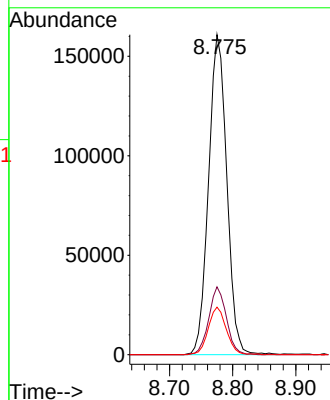
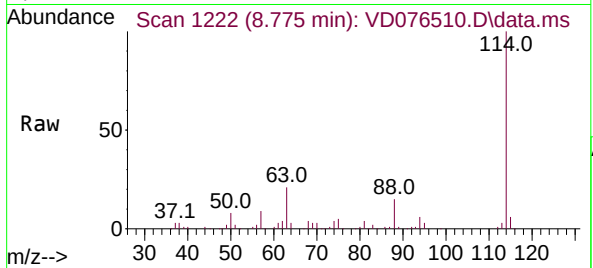




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD076510.D
Acq: 21 Jun 2023 13:52

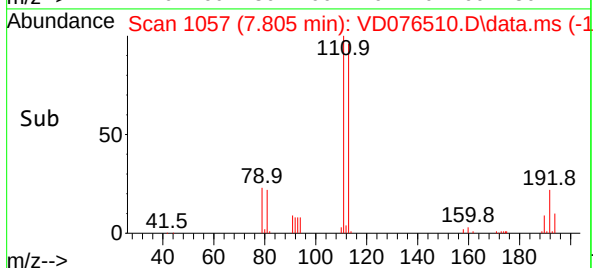
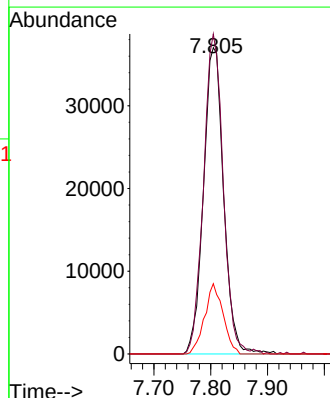
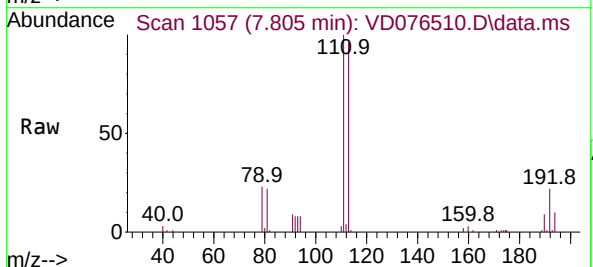
Instrument :
MSVOA_D
ClientSampleId :
WC-5

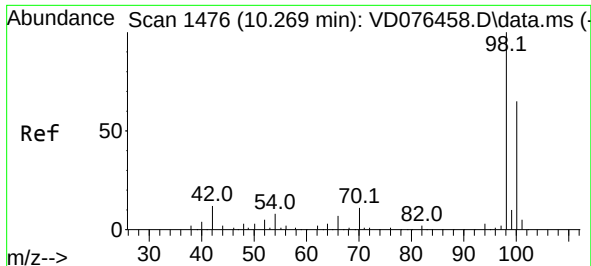
Tgt Ion:114 Resp: 323198
Ion Ratio Lower Upper
114 100
63 21.2 0.0 33.4
88 14.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 47.473 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076510.D
Acq: 21 Jun 2023 13:52

Tgt Ion:113 Resp: 91149
Ion Ratio Lower Upper
113 100
111 101.4 84.7 127.1
192 21.0 16.8 25.2

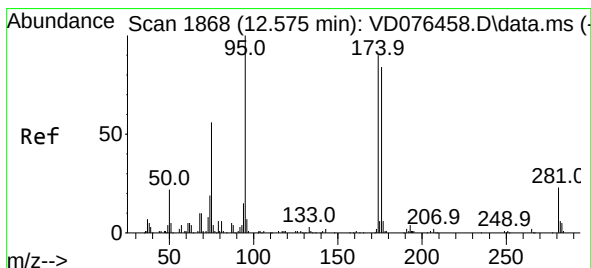
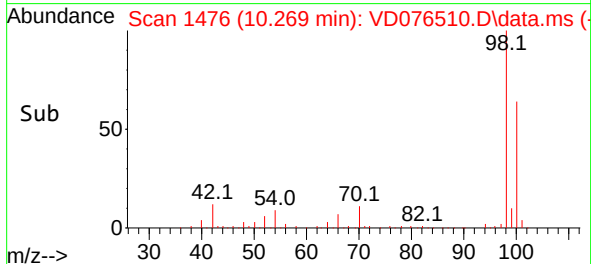
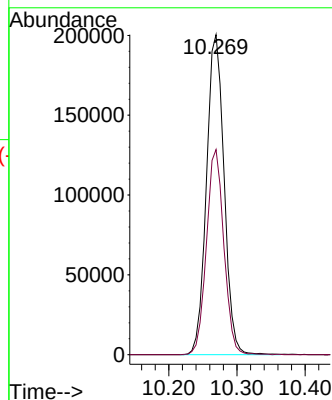
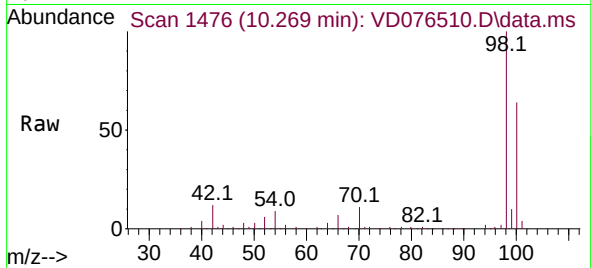




#50
Toluene-d8
Concen: 49.512 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076510.D
Acq: 21 Jun 2023 13:52

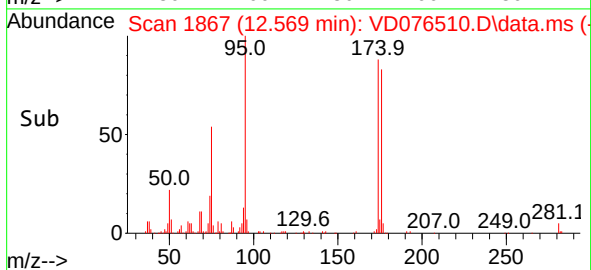
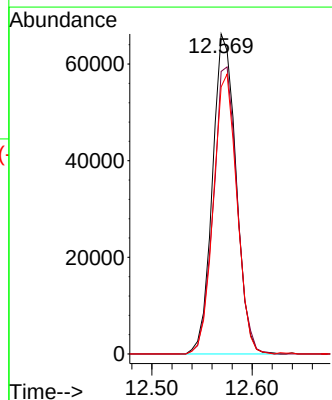
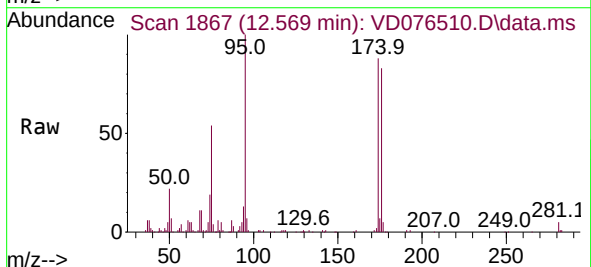
Instrument :
MSVOA_D
ClientSampleId :
WC-5

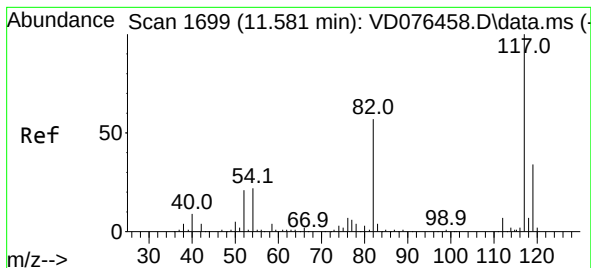
Tgt Ion: 98 Resp: 360526
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.654 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076510.D
Acq: 21 Jun 2023 13:52

Tgt Ion: 95 Resp: 107888
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 87.3 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: VD076510.D

Acq: 21 Jun 2023 13:52

Instrument :

MSVOA_D

ClientSampleId :

WC-5

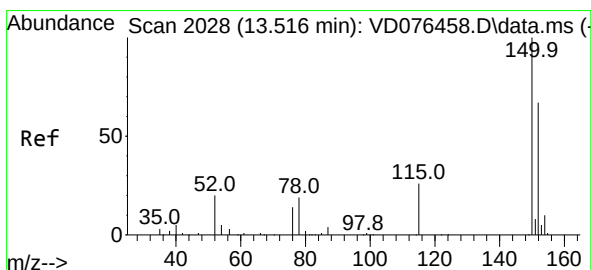
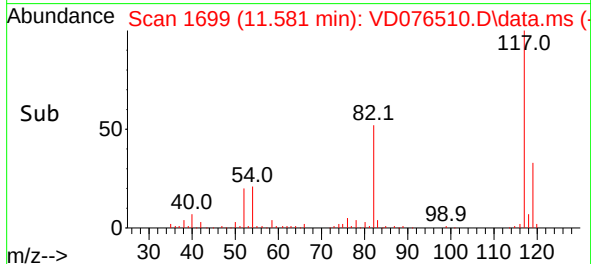
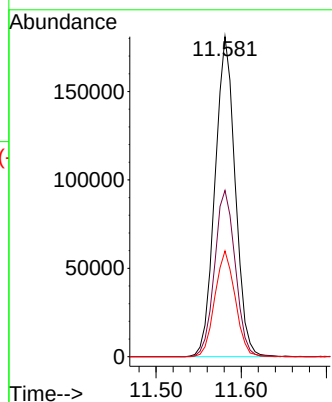
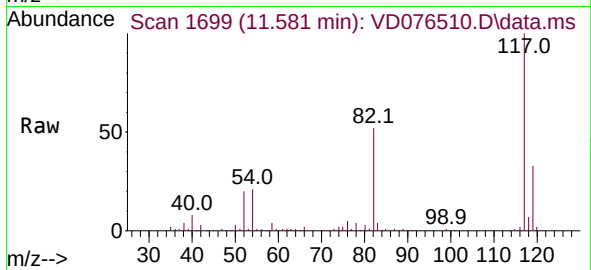
Tgt Ion:117 Resp: 298752

Ion Ratio Lower Upper

117 100

82 52.0 38.3 57.5

119 33.1 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: VD076510.D

Acq: 21 Jun 2023 13:52

Tgt Ion:152 Resp: 141816

Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 153.8 0.0 353.6

