

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076421.D
 Acq On : 14 Jun 2023 16:33
 Operator : KP/SY
 Sample : 03222-06
 Misc : 8.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-5-SB-33

Quant Time: Jun 15 05:34:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	261165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	484118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	380880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	125776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81631	27.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	54.120%
35) Dibromofluoromethane	7.805	113	102477	32.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	65.500%
50) Toluene-d8	10.269	98	238122	20.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.160%#
62) 4-Bromofluorobenzene	12.575	95	100372	24.675	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.360%

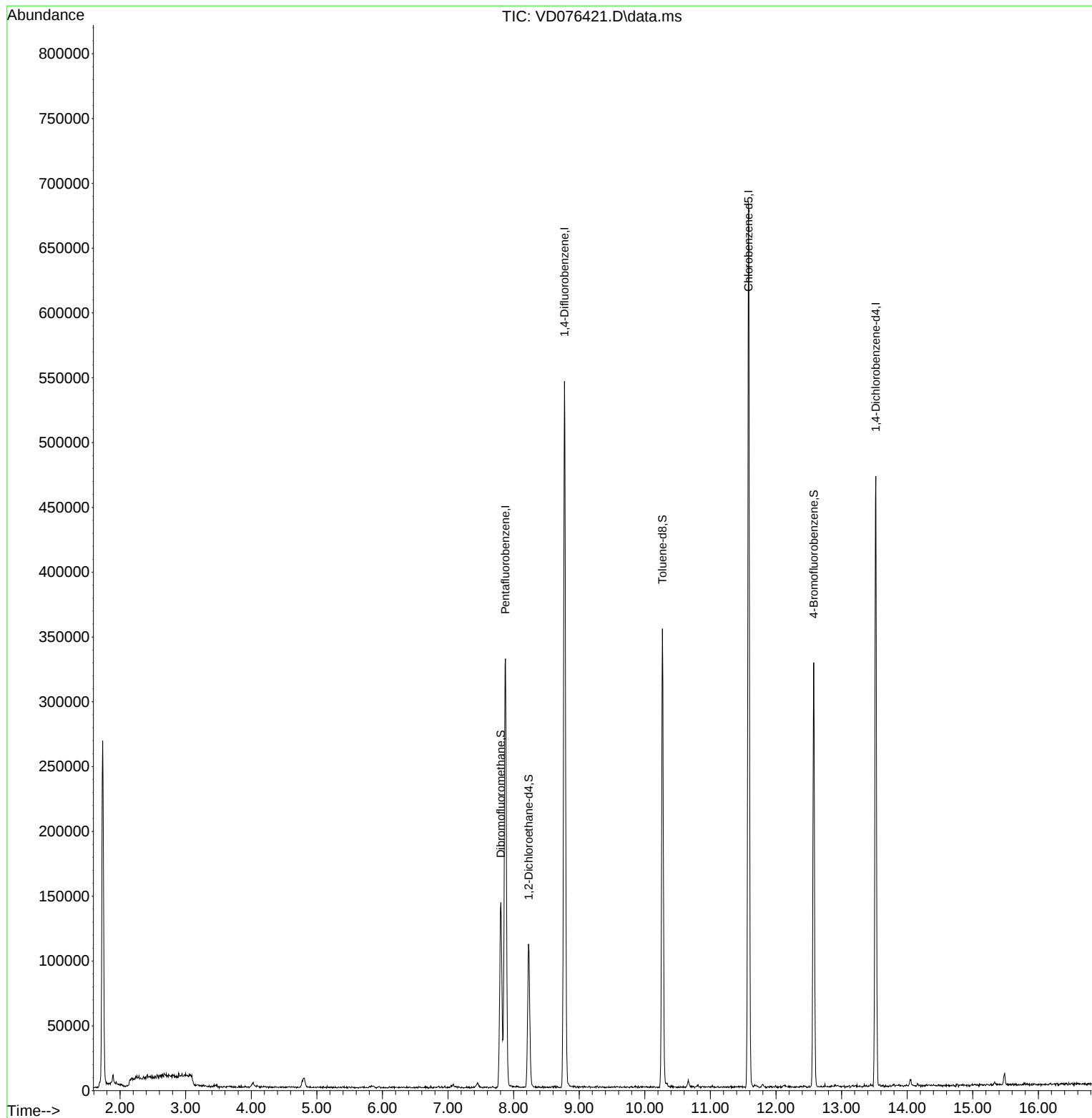
Target Compounds	Qvalue

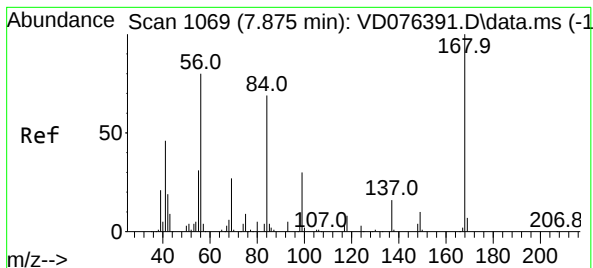
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076421.D

Acq: 14 Jun 2023 16:33

Instrument :

MSVOA_D

ClientSampleId :

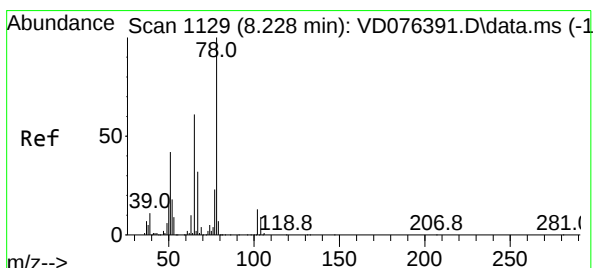
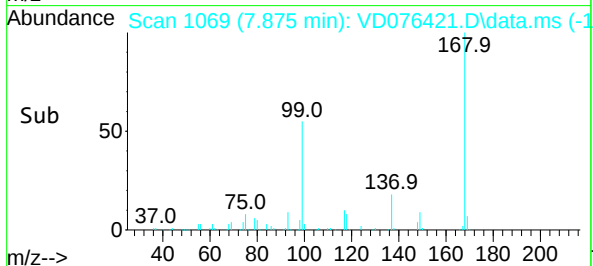
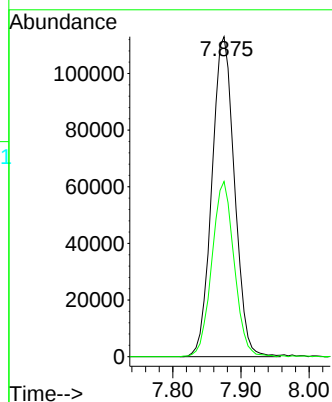
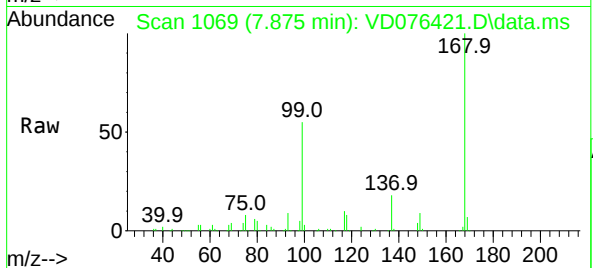
TOTAL-VOC-GRAB-5-SB-33

Tgt Ion:168 Resp: 261165

Ion Ratio Lower Upper

168 100

99 54.8 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 27.061 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076421.D

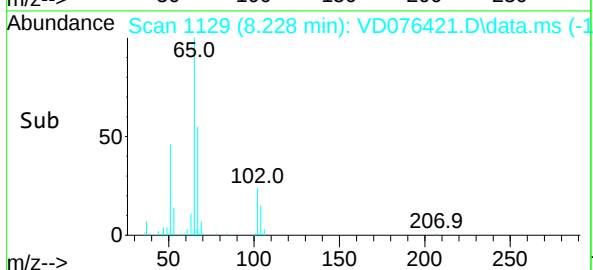
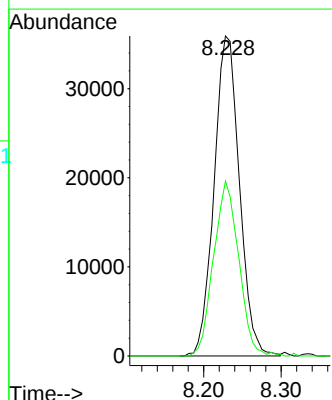
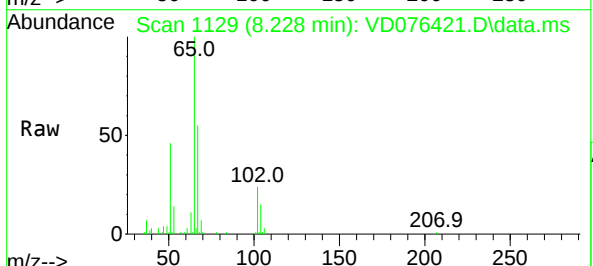
Acq: 14 Jun 2023 16:33

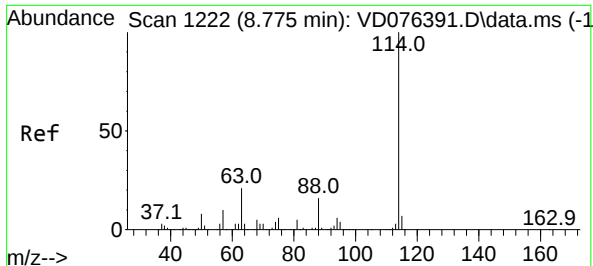
Tgt Ion: 65 Resp: 81631

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076421.D

Acq: 14 Jun 2023 16:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-5-SB-33

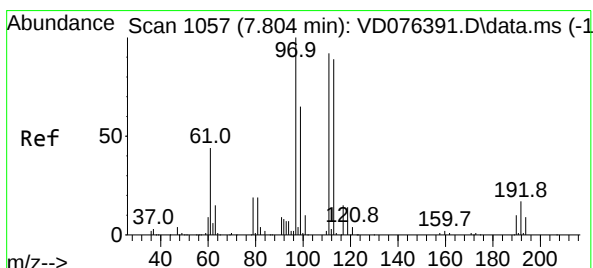
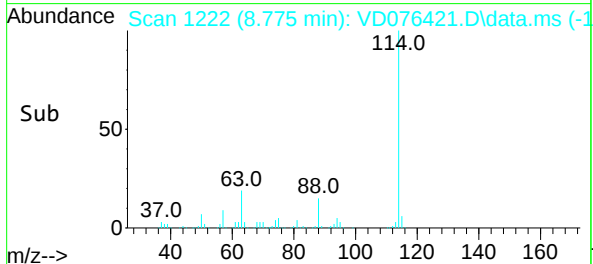
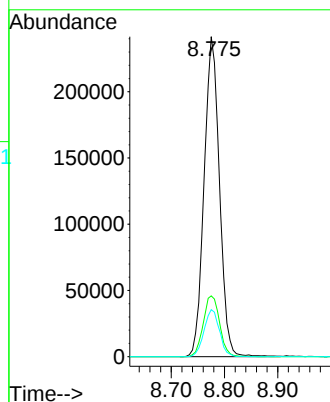
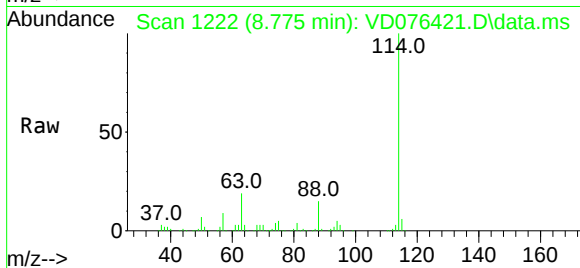
Tgt Ion:114 Resp: 484118

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 14.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 32.752 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076421.D

Acq: 14 Jun 2023 16:33

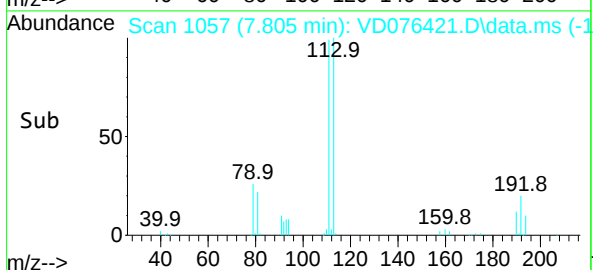
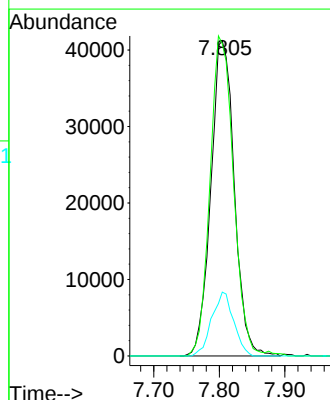
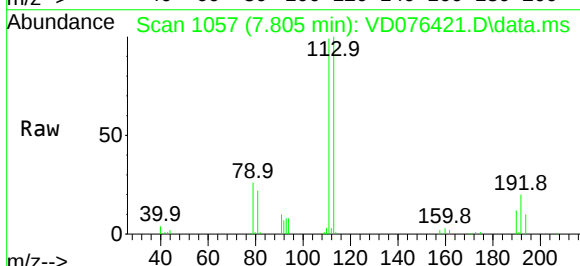
Tgt Ion:113 Resp: 102477

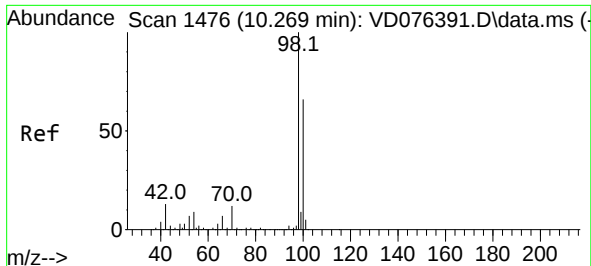
Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 18.9 16.8 25.2

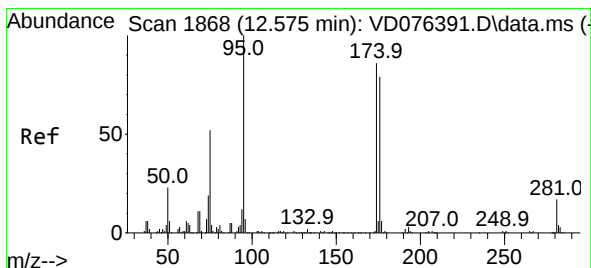
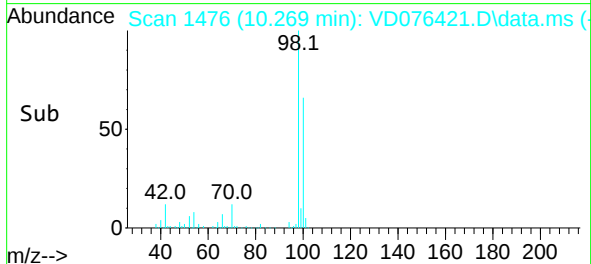
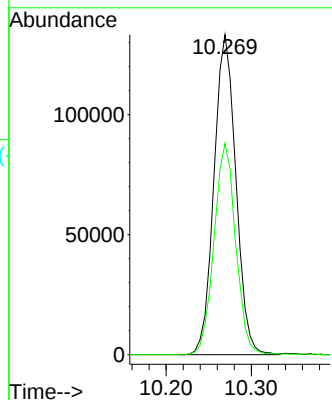
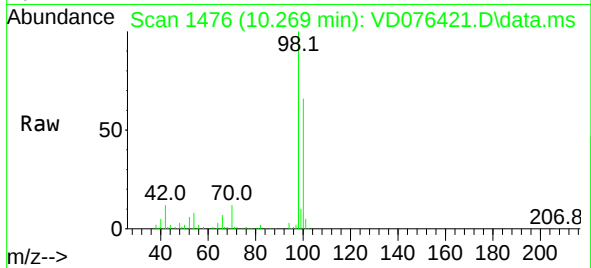




#50
Toluene-d8
Concen: 20.082 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076421.D
Acq: 14 Jun 2023 16:33

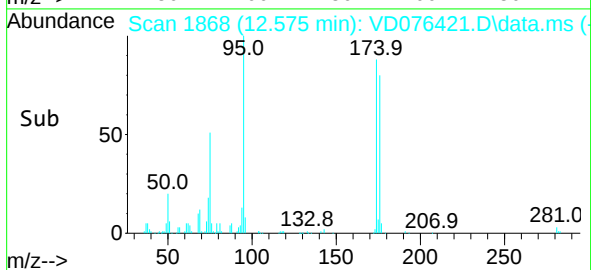
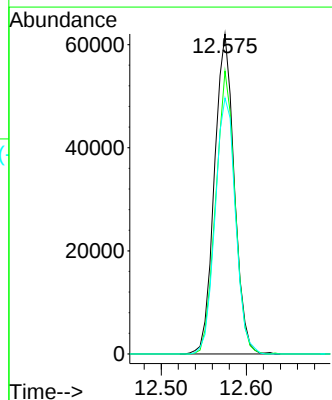
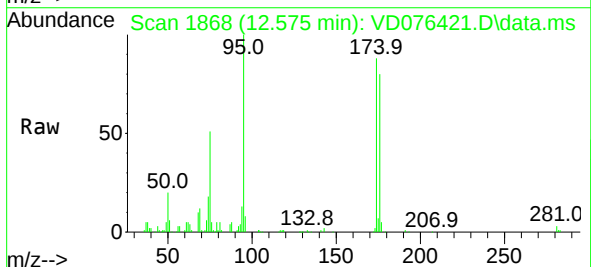
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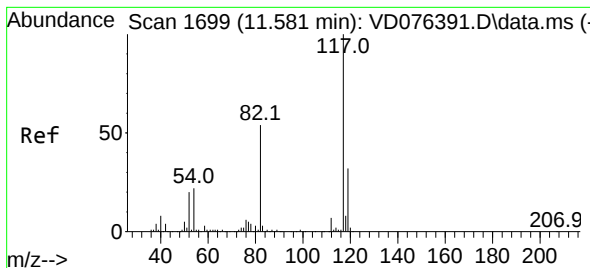
Tgt Ion: 98 Resp: 238122
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 24.675 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076421.D
Acq: 14 Jun 2023 16:33

Tgt Ion: 95 Resp: 100372
Ion Ratio Lower Upper
95 100
174 85.8 0.0 201.8
176 82.2 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: VD076421.D

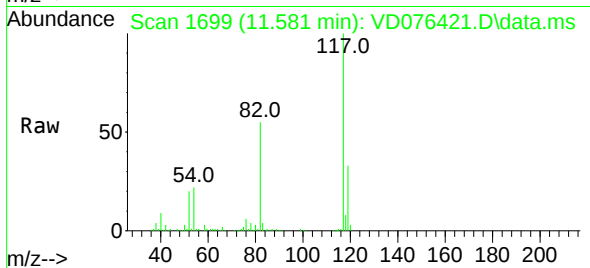
Acq: 14 Jun 2023 16:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-5-SB-33



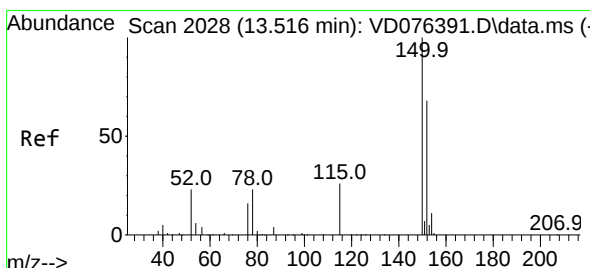
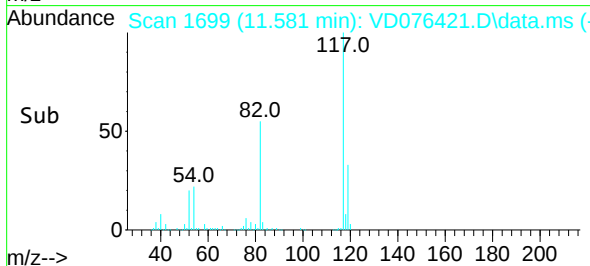
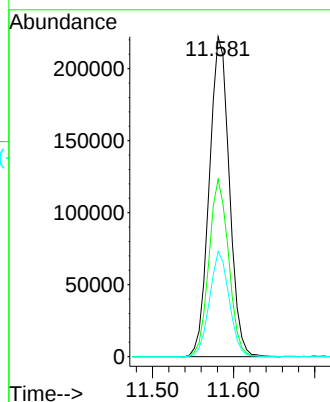
Tgt Ion:117 Resp: 380880

Ion Ratio Lower Upper

117 100

82 55.4 38.3 57.5

119 32.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD076421.D

Acq: 14 Jun 2023 16:33

Tgt Ion:152 Resp: 125776

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 156.5 0.0 353.6

