

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076407.D
 Acq On : 13 Jun 2023 16:18
 Operator : KP/SY
 Sample : 03138-01RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1RE

Quant Time: Jun 14 05:48:11 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	7.869	168	9326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	17579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	7760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10648	98.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 197.700%#	
35) Dibromofluoromethane	7.804	113	10122	89.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 178.180%#	
50) Toluene-d8	10.263	98	20694	48.064	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.120%	
62) 4-Bromofluorobenzene	12.581	95	8967	60.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 121.420%	

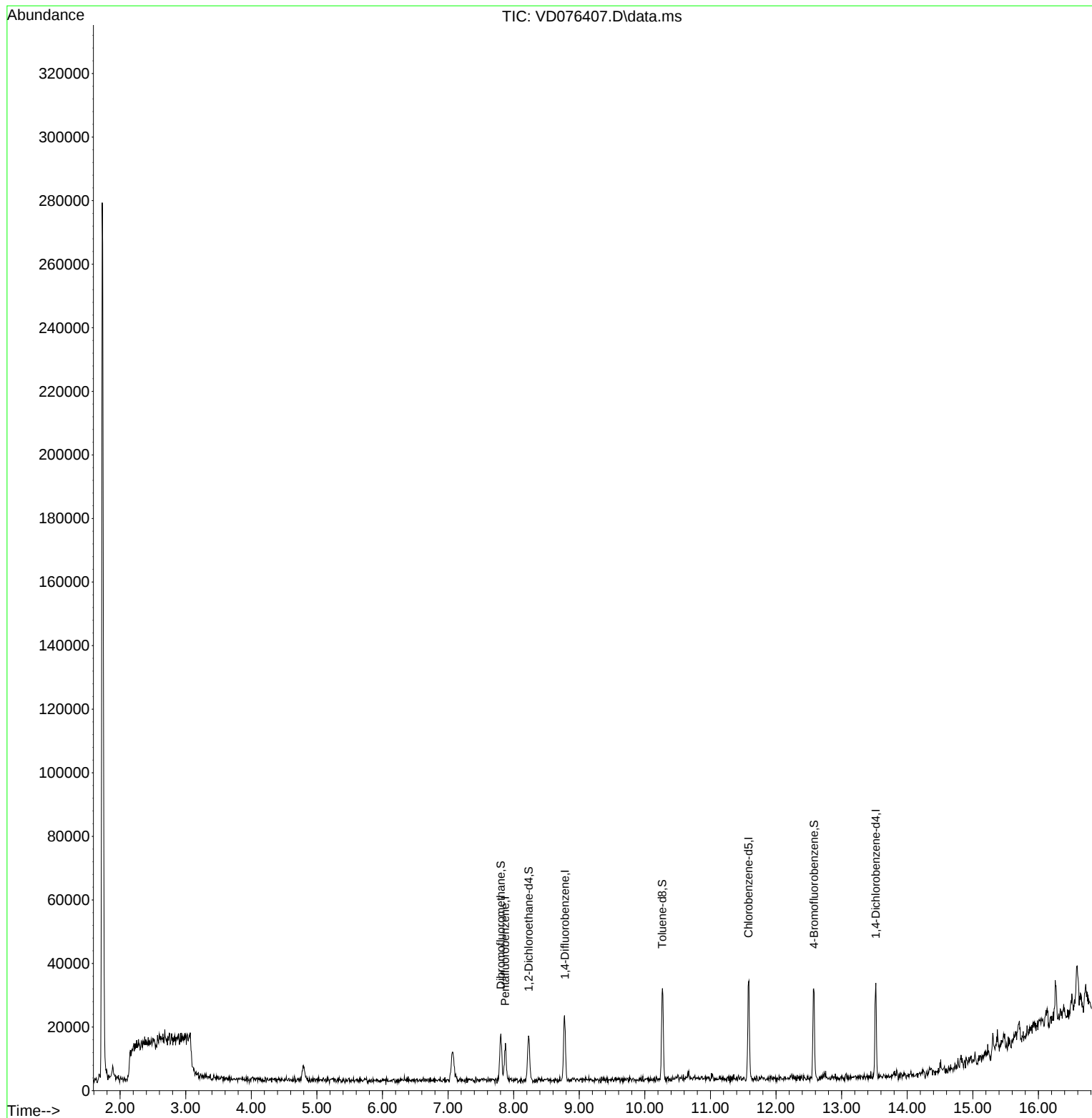
Target Compounds	Qvalue

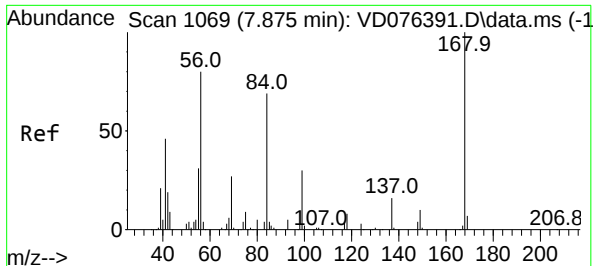
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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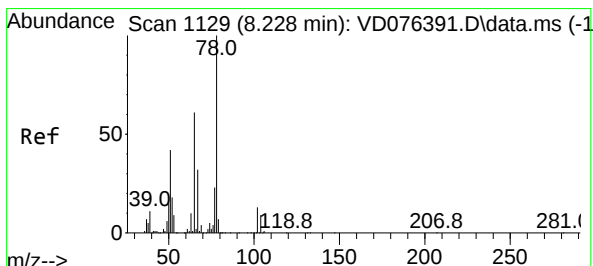
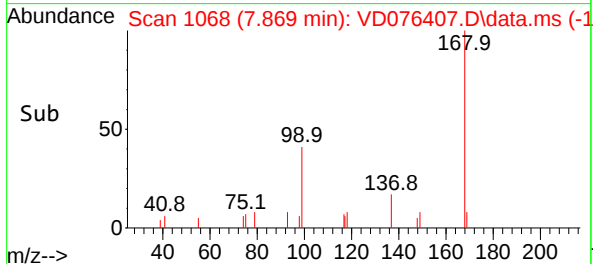
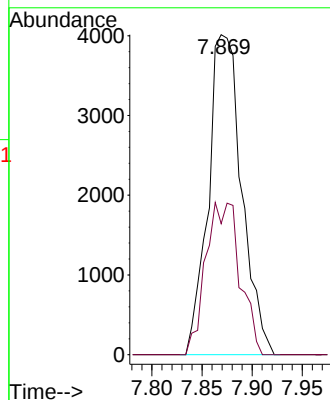
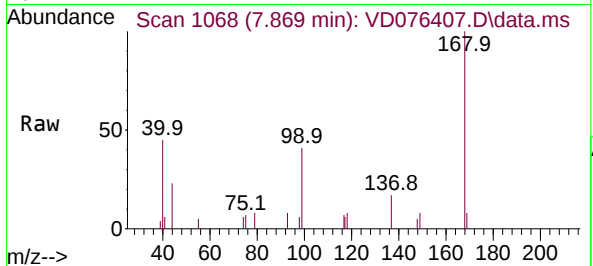




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076407.D
Acq: 13 Jun 2023 16:18

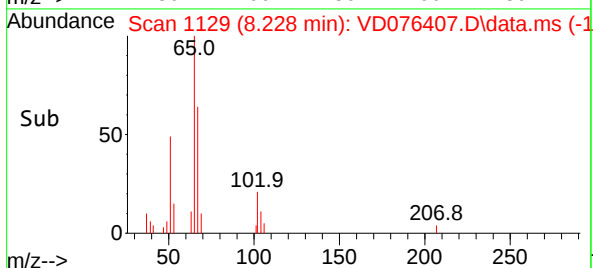
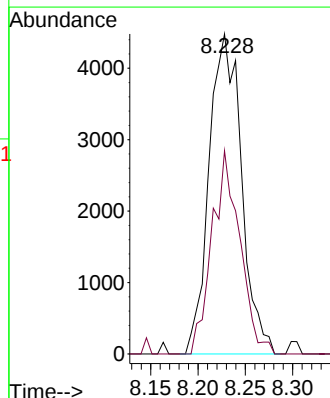
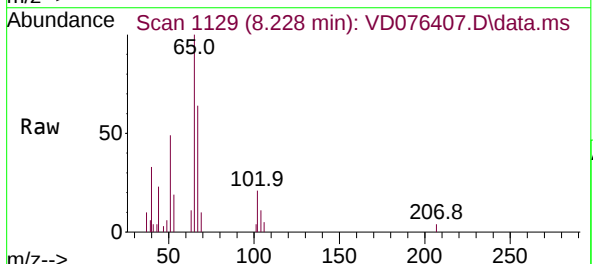
Instrument :
MSVOA_D
ClientSampleId :
WC-1RE

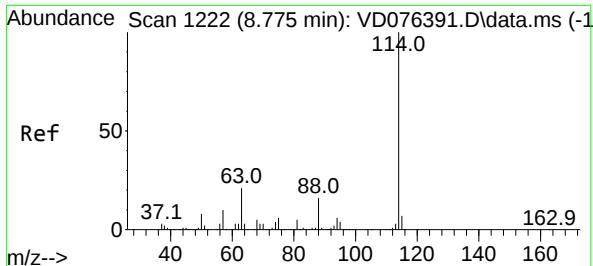
Tgt Ion:168 Resp: 9326
Ion Ratio Lower Upper
168 100
99 41.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 98.850 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076407.D
Acq: 13 Jun 2023 16:18

Tgt Ion: 65 Resp: 10648
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0

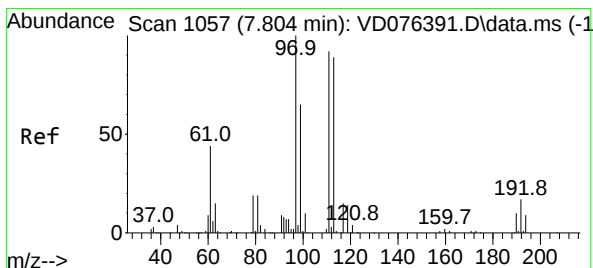
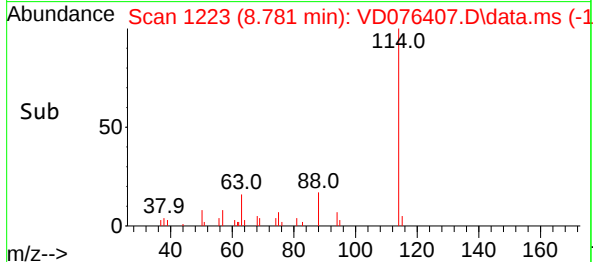
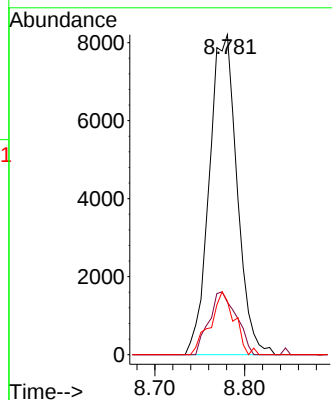
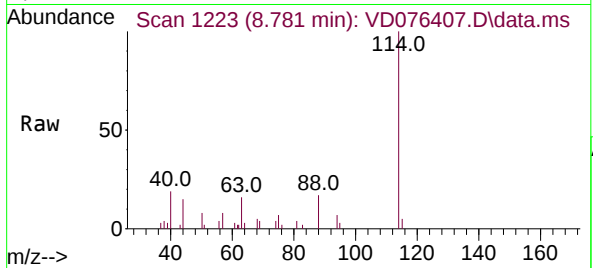




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076407.D
Acq: 13 Jun 2023 16:18

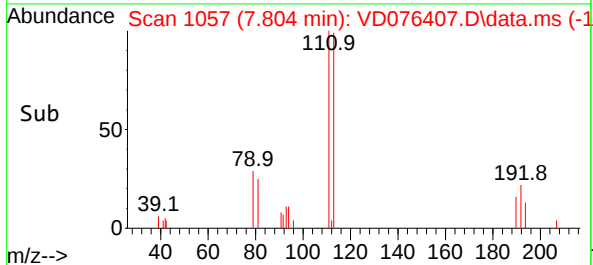
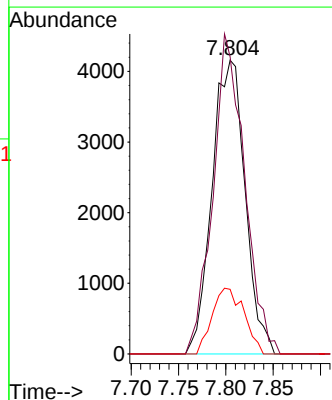
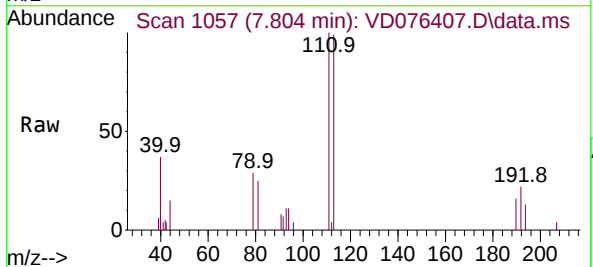
Instrument :
MSVOA_D
ClientSampleId :
WC-1RE

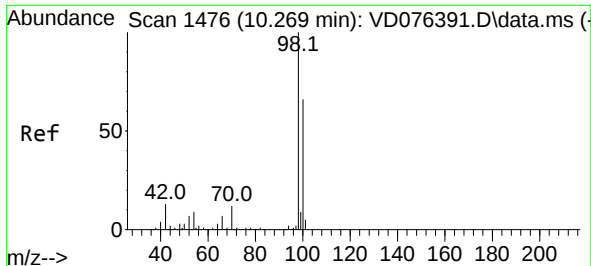
Tgt Ion:114 Resp: 17579
Ion Ratio Lower Upper
114 100
63 16.4 0.0 33.4
88 16.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 89.090 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076407.D
Acq: 13 Jun 2023 16:18

Tgt Ion:113 Resp: 10122
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 21.4 16.8 25.2

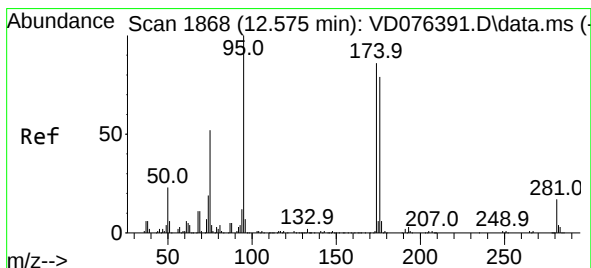
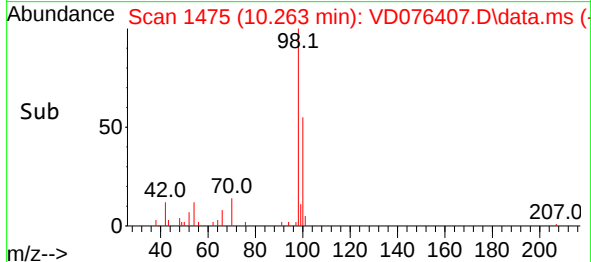
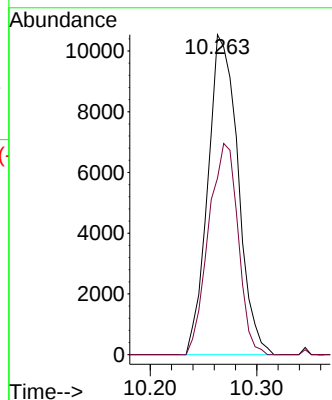
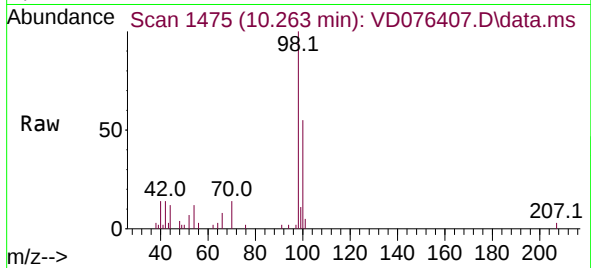




#50
Toluene-d8
Concen: 48.064 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076407.D
Acq: 13 Jun 2023 16:18

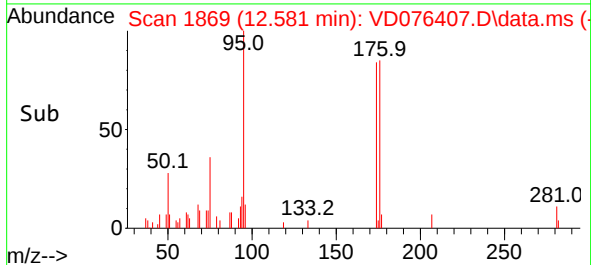
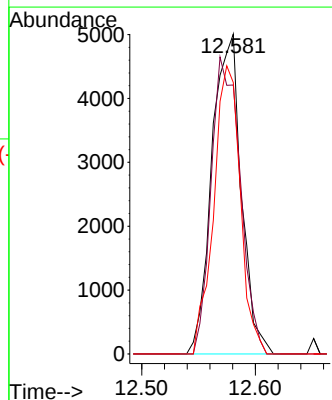
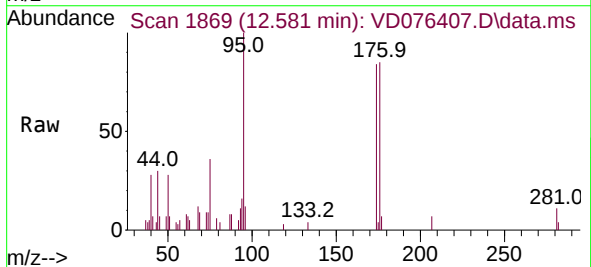
Instrument :
MSVOA_D
ClientSampleId :
WC-1RE

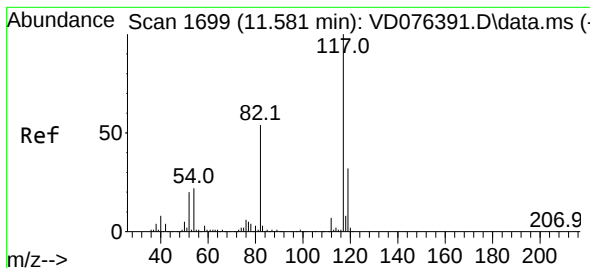
Tgt Ion: 98 Resp: 20694
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.708 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD076407.D
Acq: 13 Jun 2023 16:18

Tgt Ion: 95 Resp: 8967
Ion Ratio Lower Upper
95 100
174 91.8 0.0 201.8
176 82.0 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: VD076407.D

Acq: 13 Jun 2023 16:18

Instrument :

MSVOA_D

ClientSampleId :

WC-1RE

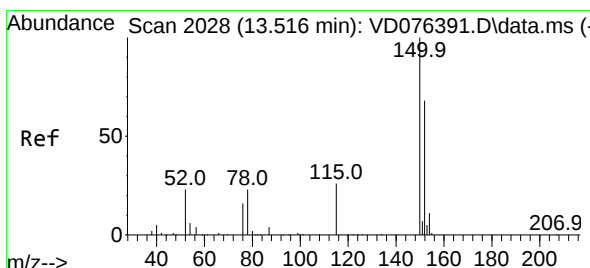
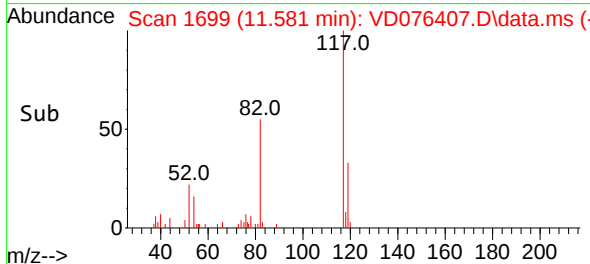
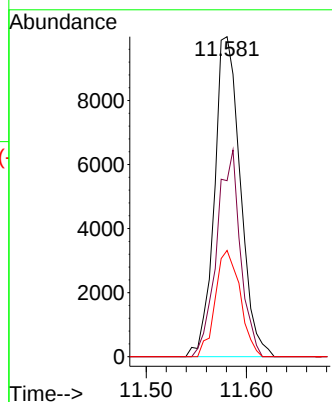
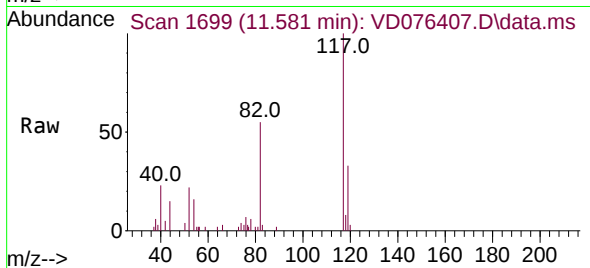
Tgt Ion:117 Resp: 17920

Ion Ratio Lower Upper

117 100

82 55.0 38.3 57.5

119 33.2 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: VD076407.D

Acq: 13 Jun 2023 16:18

Tgt Ion:152 Resp: 7760

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.3

150 159.0 0.0 353.6

