

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076384.D
 Acq On : 08 Jun 2023 20:31
 Operator : KP/SY
 Sample : 03074-06
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-06

Quant Time: Jun 09 01:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	373011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	141340	78.630	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.260%
35) Dibromofluoromethane	7.799	113	175172	73.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	147.920%#
50) Toluene-d8	10.269	98	279333	29.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	59.240%
62) 4-Bromofluorobenzene	12.575	95	153459	61.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	122.980%

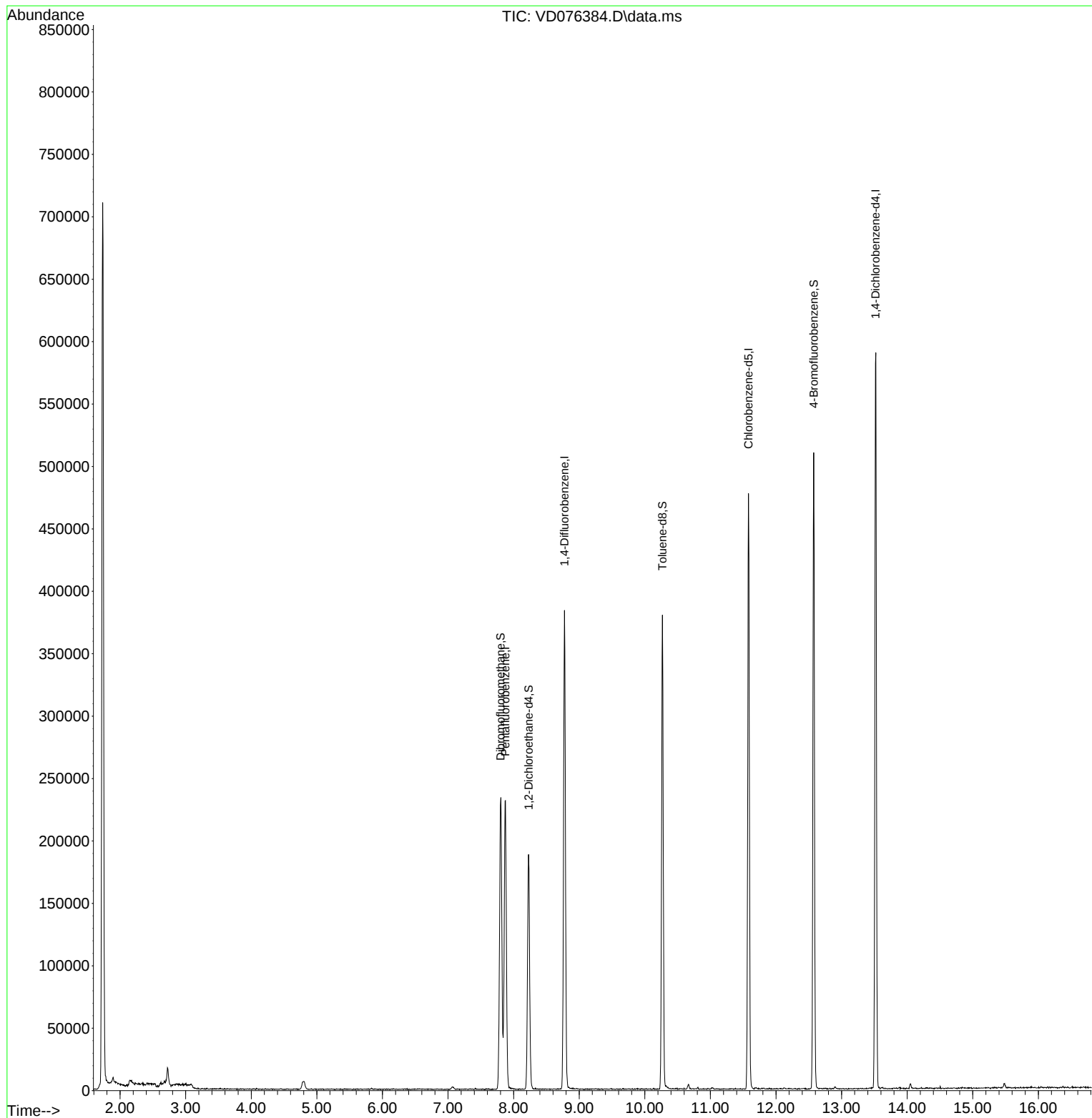
Target Compounds	Qvalue

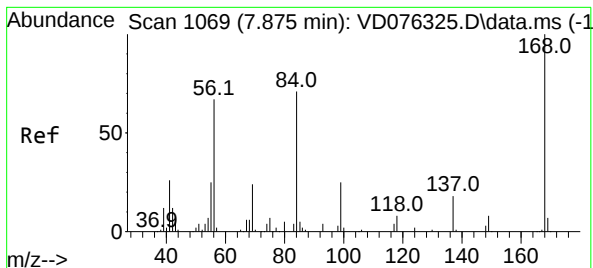
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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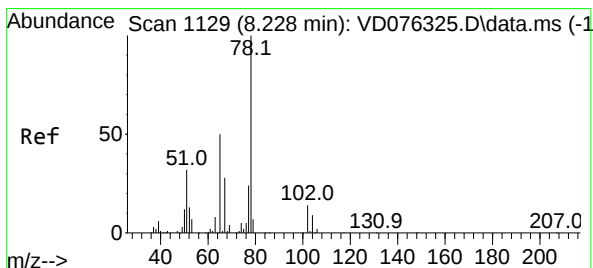
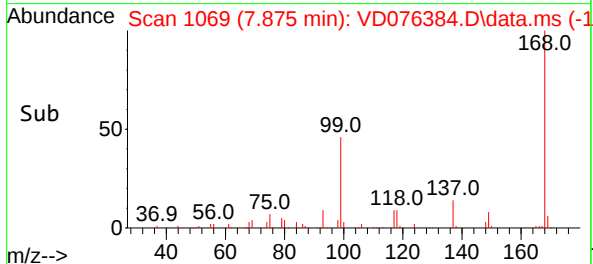
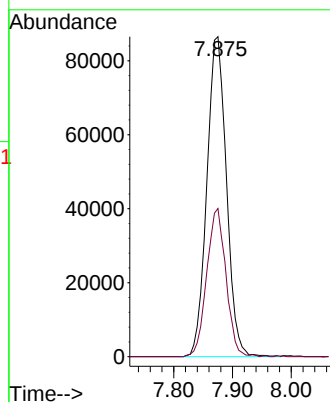
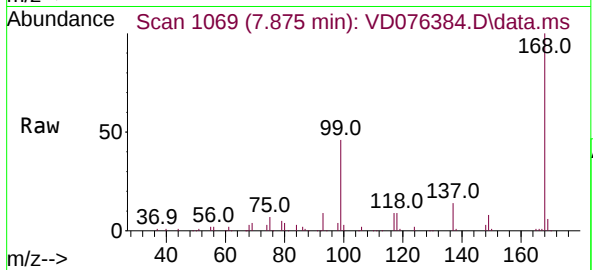




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

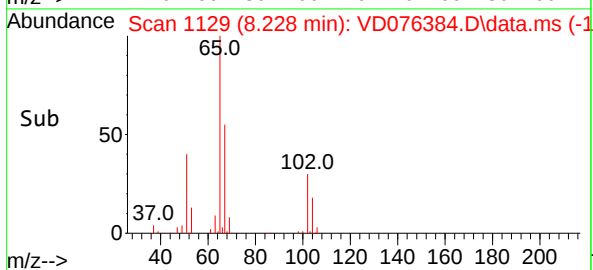
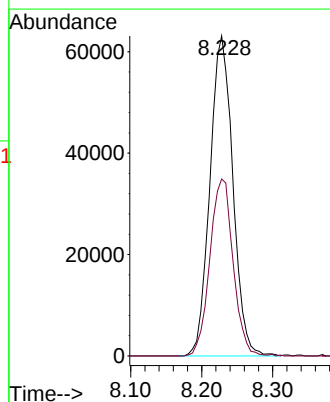
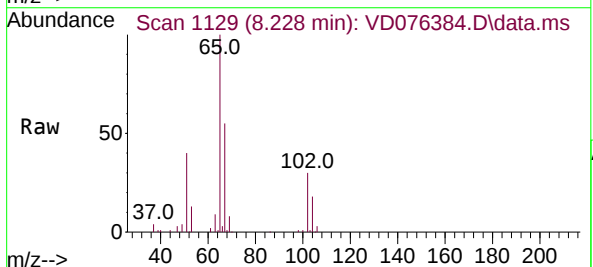
Instrument :
MSVOA_D
ClientSampleId :
GT-06

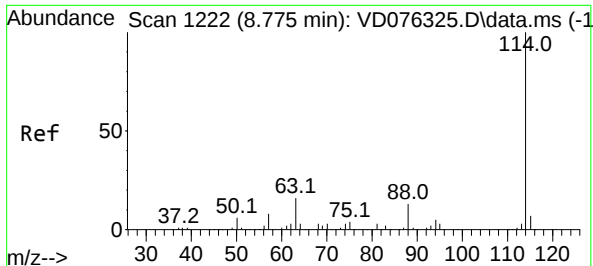
Tgt Ion:168 Resp: 200618
Ion Ratio Lower Upper
168 100
99 46.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 78.630 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Tgt Ion: 65 Resp: 141340
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# 11

Delta R.T. 0.000 min

Lab File: VD076384.D

Acq: 08 Jun 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

GT-06

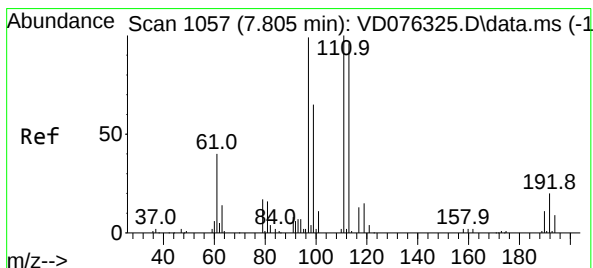
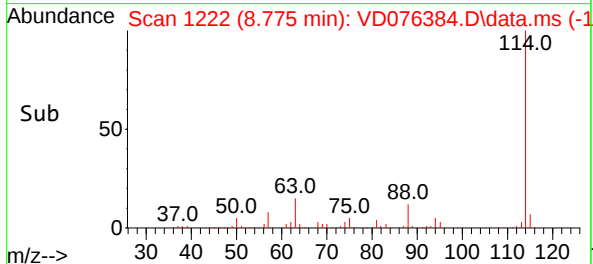
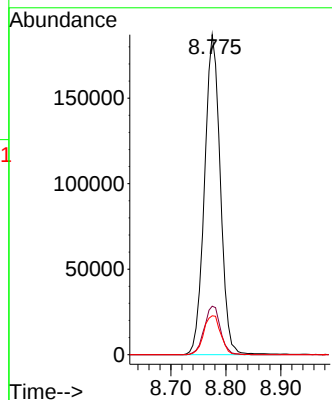
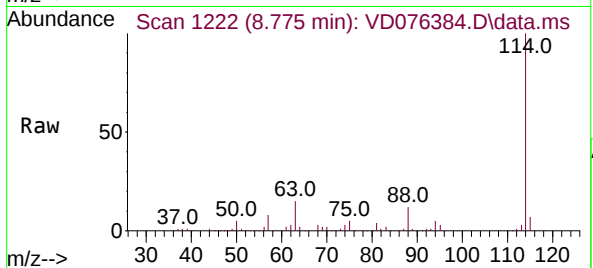
Tgt Ion:114 Resp: 373011

Ion Ratio Lower Upper

114 100

63 15.1 0.0 33.4

88 12.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 73.963 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076384.D

Acq: 08 Jun 2023 20:31

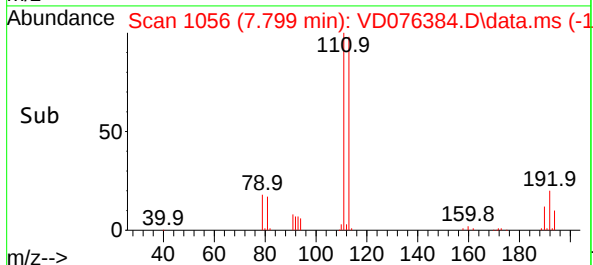
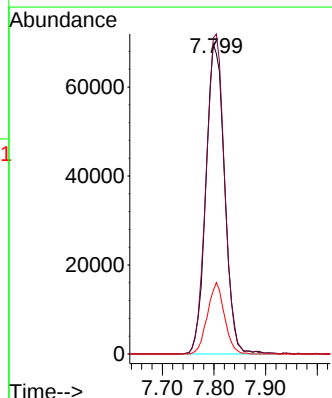
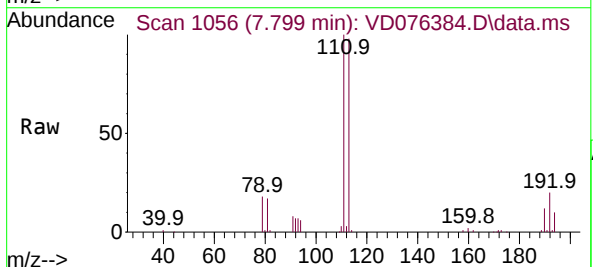
Tgt Ion:113 Resp: 175172

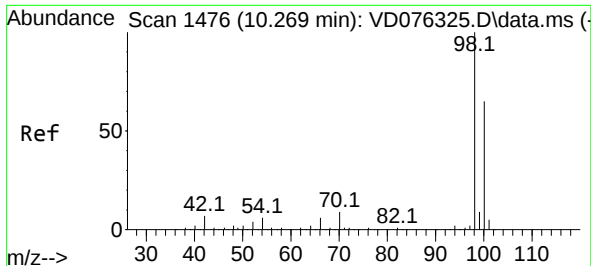
Ion Ratio Lower Upper

113 100

111 102.2 84.7 127.1

192 21.0 16.8 25.2

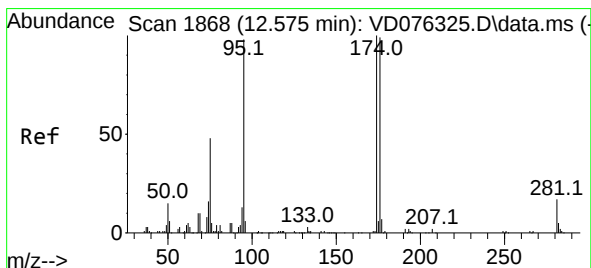
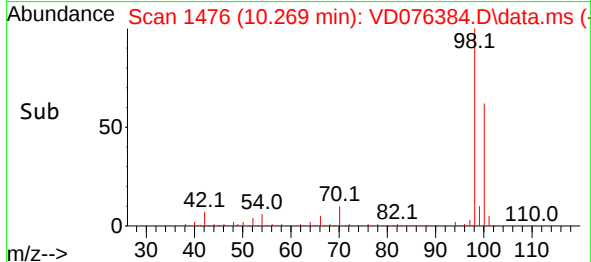
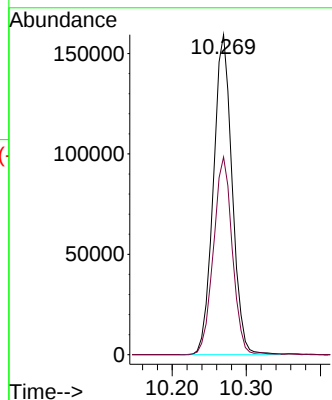
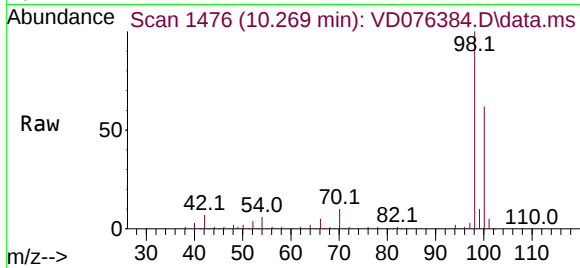




#50
Toluene-d8
Concen: 29.623 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

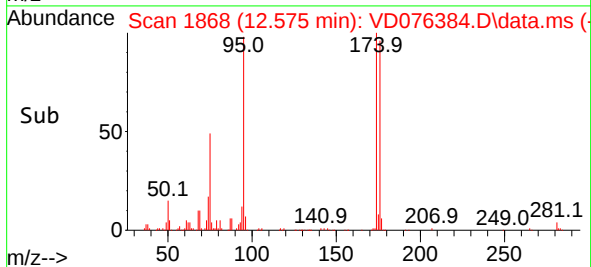
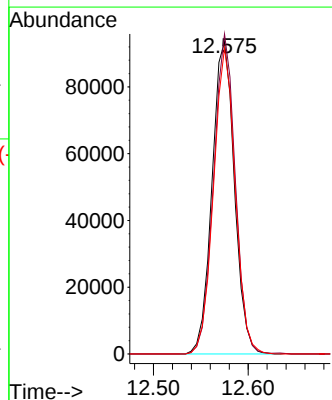
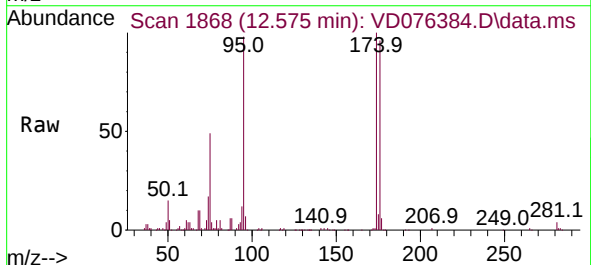
Instrument :
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GT-06

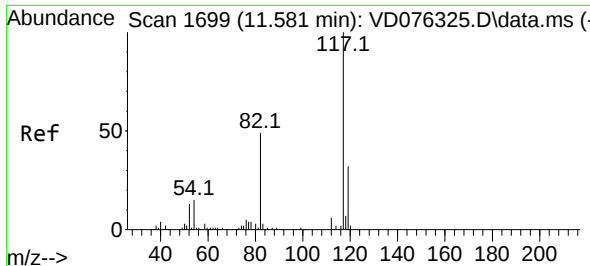
Tgt Ion: 98 Resp: 279333
Ion Ratio Lower Upper
98 100
100 62.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 61.495 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Tgt Ion: 95 Resp: 153459
Ion Ratio Lower Upper
95 100
174 99.4 0.0 201.8
176 95.2 0.0 191.8

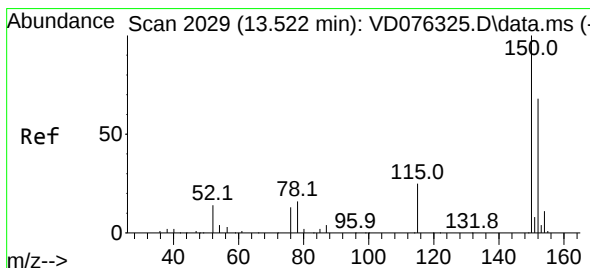
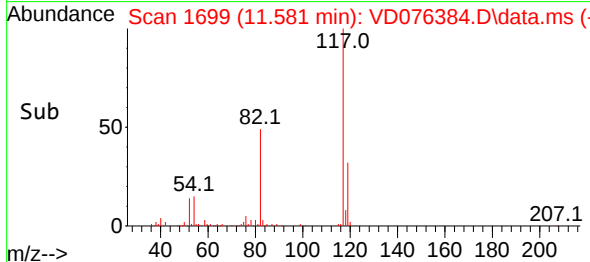
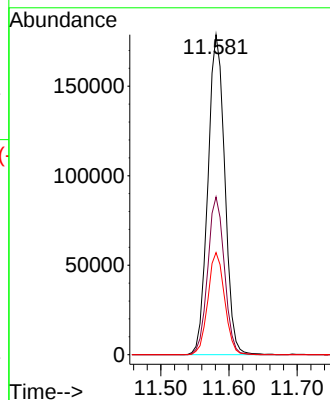
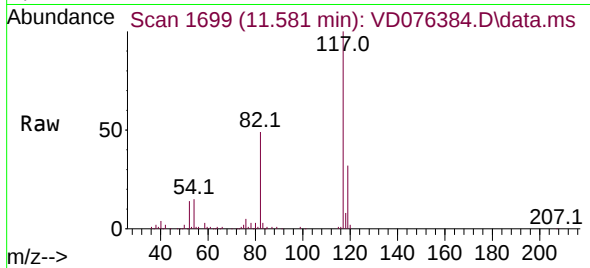




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :
GT-06

Tgt Ion:117 Resp: 307958
Ion Ratio Lower Upper
117 100
82 49.3 38.3 57.5
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076384.D
Acq: 08 Jun 2023 20:31

Tgt Ion:152 Resp: 177309
Ion Ratio Lower Upper
152 100
115 52.1 27.1 81.3
150 159.1 0.0 353.6

