

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076211.D
 Acq On : 24 May 2023 13:42
 Operator : KP/SY
 Sample : 02864-05
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-359

Quant Time: May 24 16:26:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	217731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	361935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	135732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86581	41.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.280%
35) Dibromofluoromethane	7.804	113	128676	51.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.860%
50) Toluene-d8	10.269	98	248658	25.497	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	51.000%#
62) 4-Bromofluorobenzene	12.575	95	22262	8.217	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	16.440%#

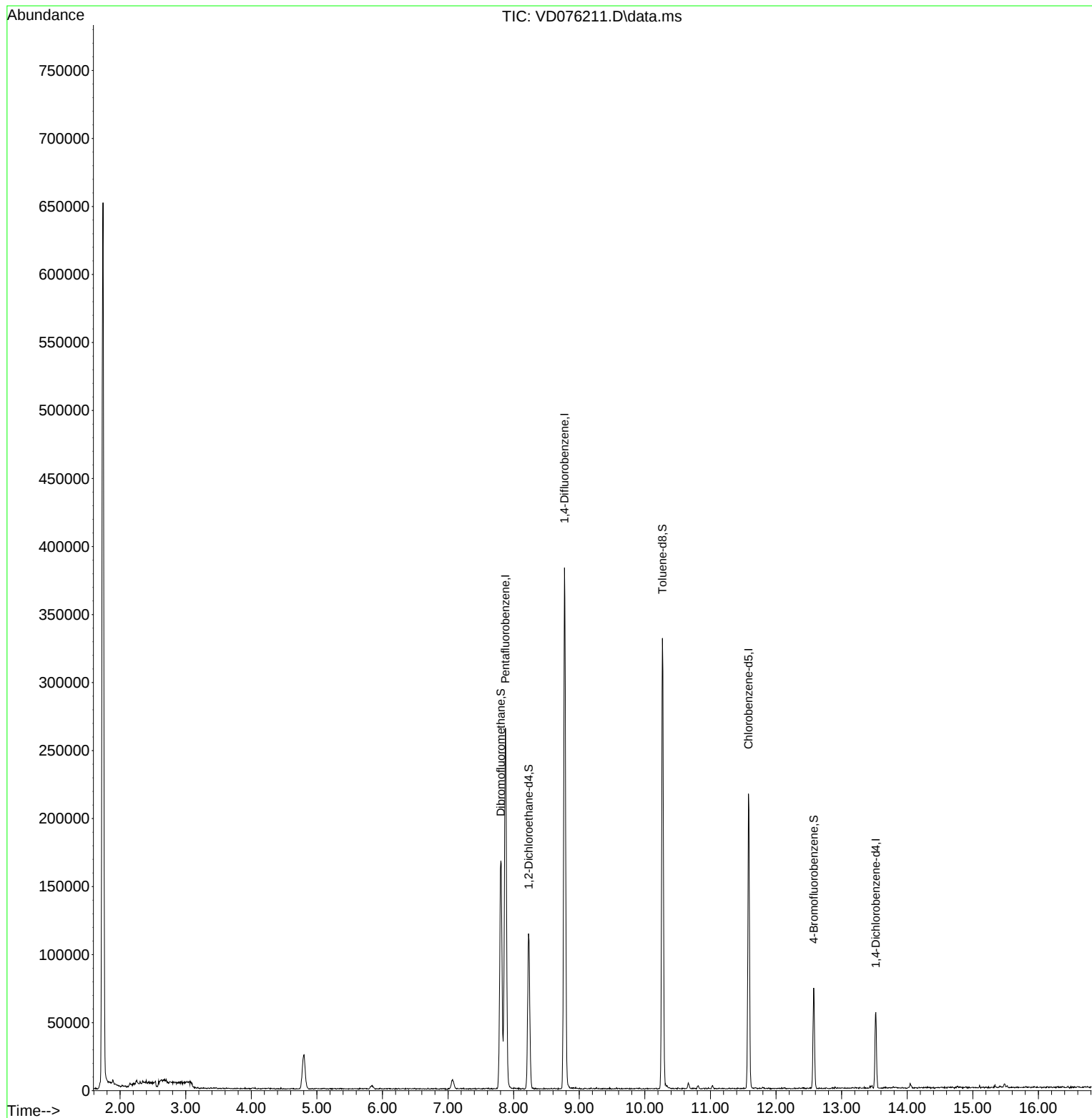
Target Compounds	Qvalue

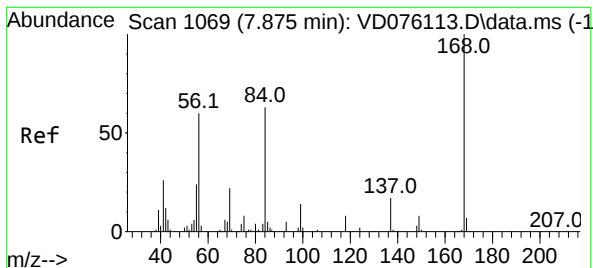
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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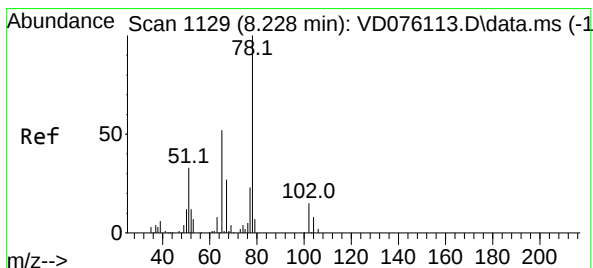
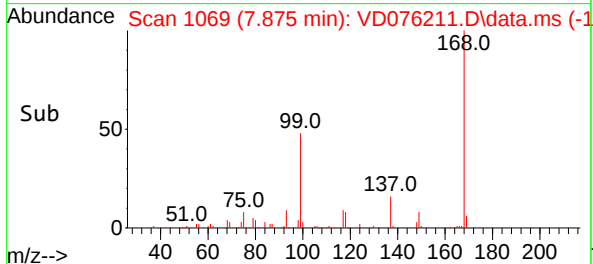
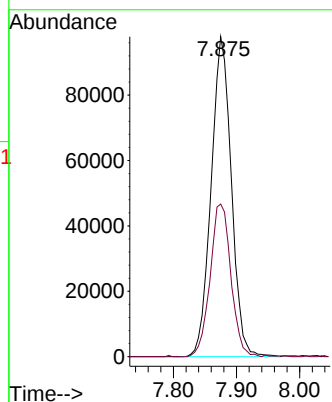
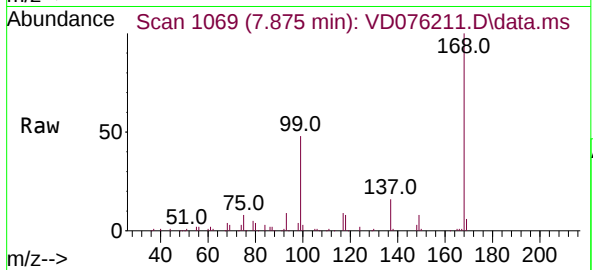




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

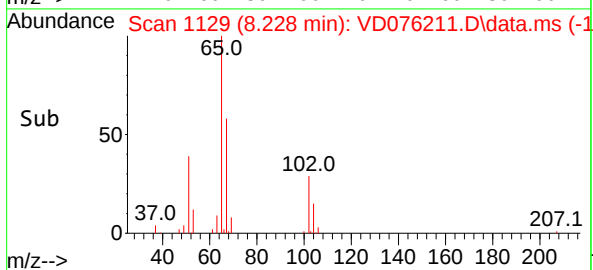
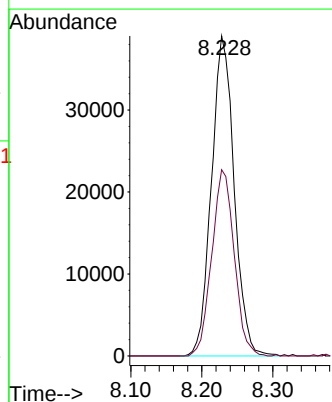
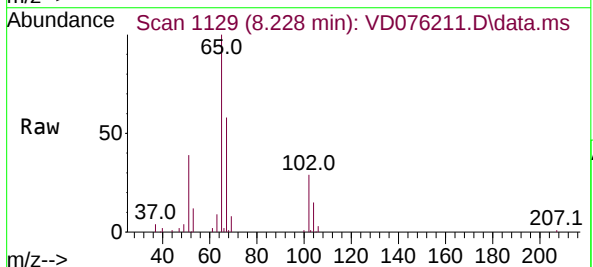
Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

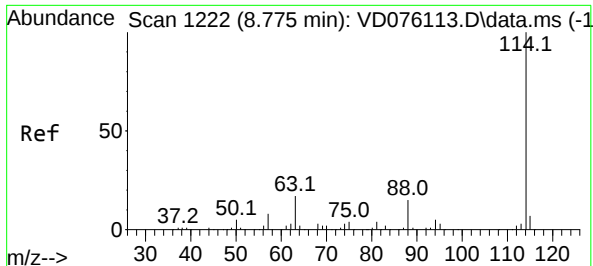
Tgt Ion:168 Resp: 217731
Ion Ratio Lower Upper
168 100
99 47.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 41.145 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

Tgt Ion: 65 Resp: 86581
Ion Ratio Lower Upper
65 100
67 57.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076211.D

Acq: 24 May 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

ETGI-359

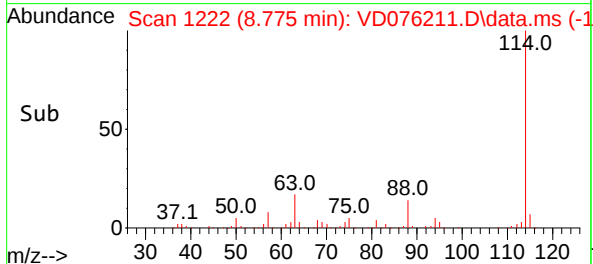
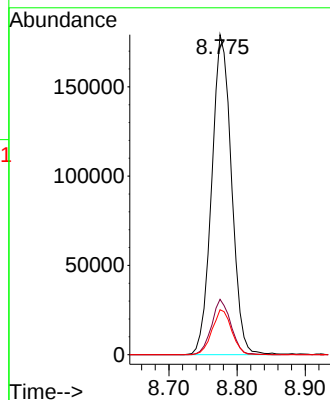
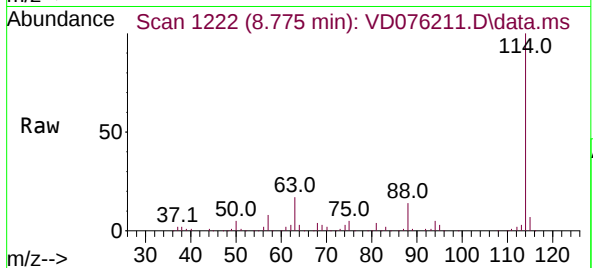
Tgt Ion:114 Resp: 361935

Ion Ratio Lower Upper

114 100

63 17.3 0.0 41.6

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.434 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076211.D

Acq: 24 May 2023 13:42

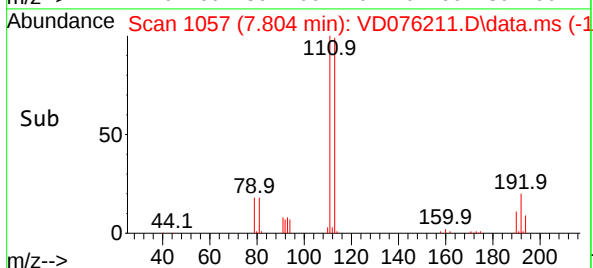
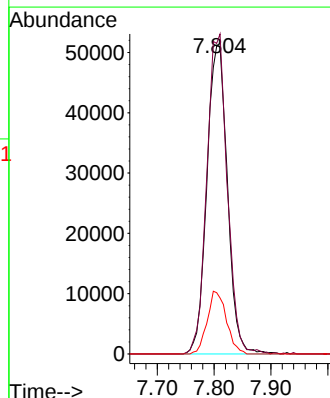
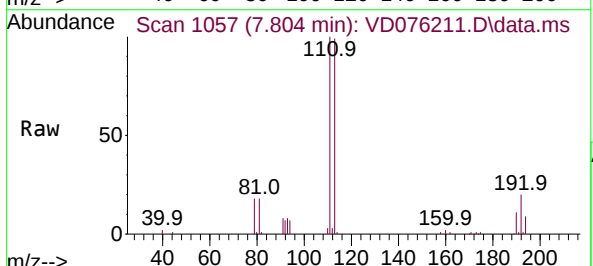
Tgt Ion:113 Resp: 128676

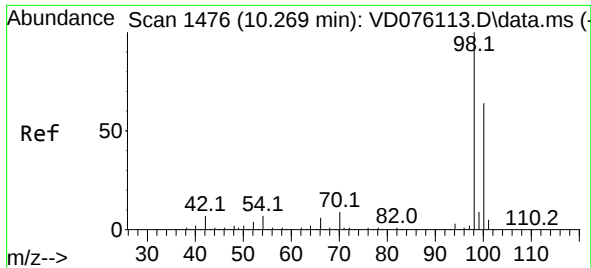
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.9 15.2 22.8

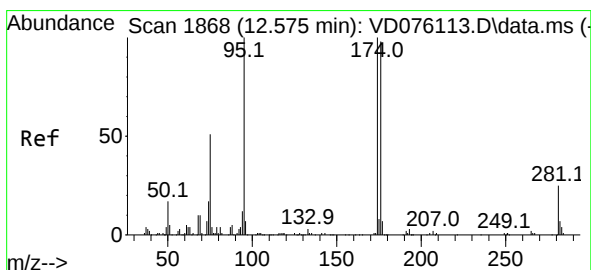
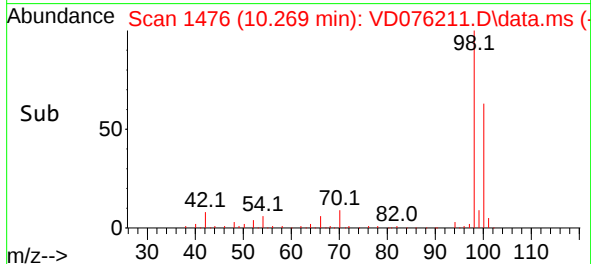
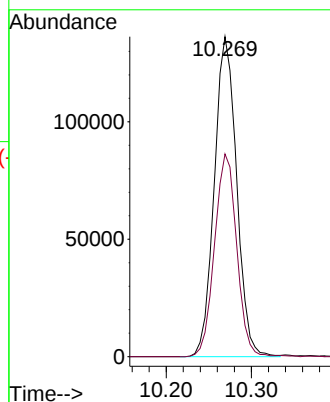
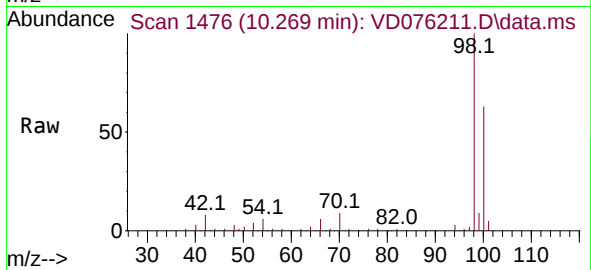




#50
Toluene-d8
Concen: 25.497 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

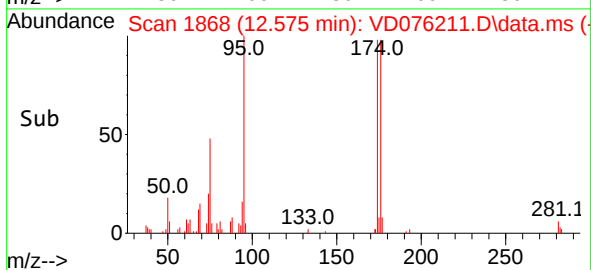
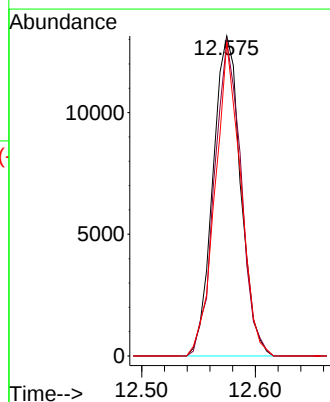
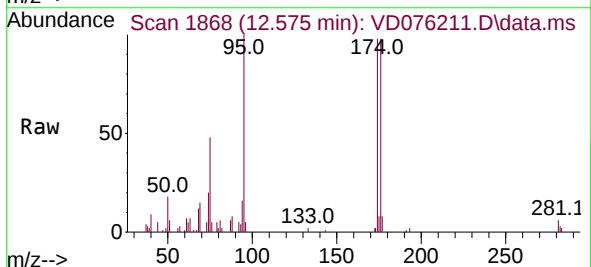
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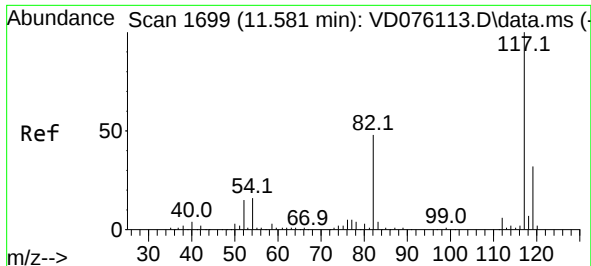
Tgt Ion: 98 Resp: 248658
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 8.217 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

Tgt Ion: 95 Resp: 22262
Ion Ratio Lower Upper
95 100
174 94.6 0.0 164.0
176 90.3 0.0 156.8

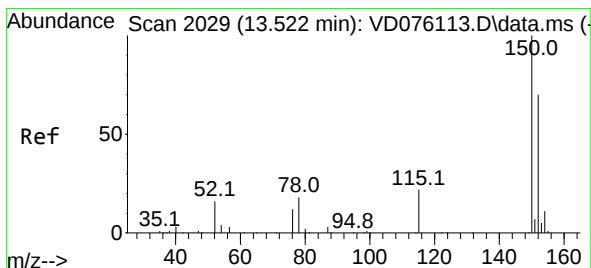
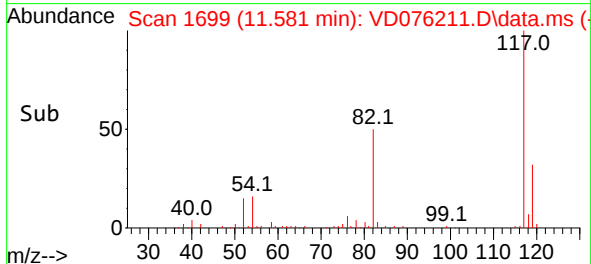
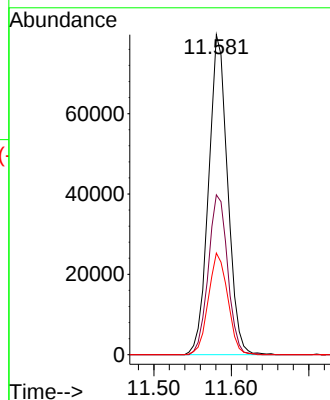
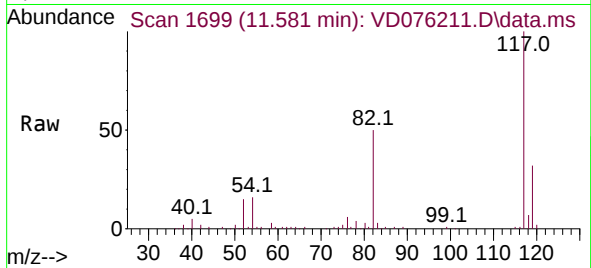




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

Tgt Ion:117 Resp: 135732
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

Tgt Ion:152 Resp: 18107
Ion Ratio Lower Upper
152 100
115 52.6 30.1 90.3
150 144.2 0.0 364.8

