

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076198.D
 Acq On : 23 May 2023 17:30
 Operator : KP/SY
 Sample : 02864-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-280

Quant Time: May 24 06:42:36 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)

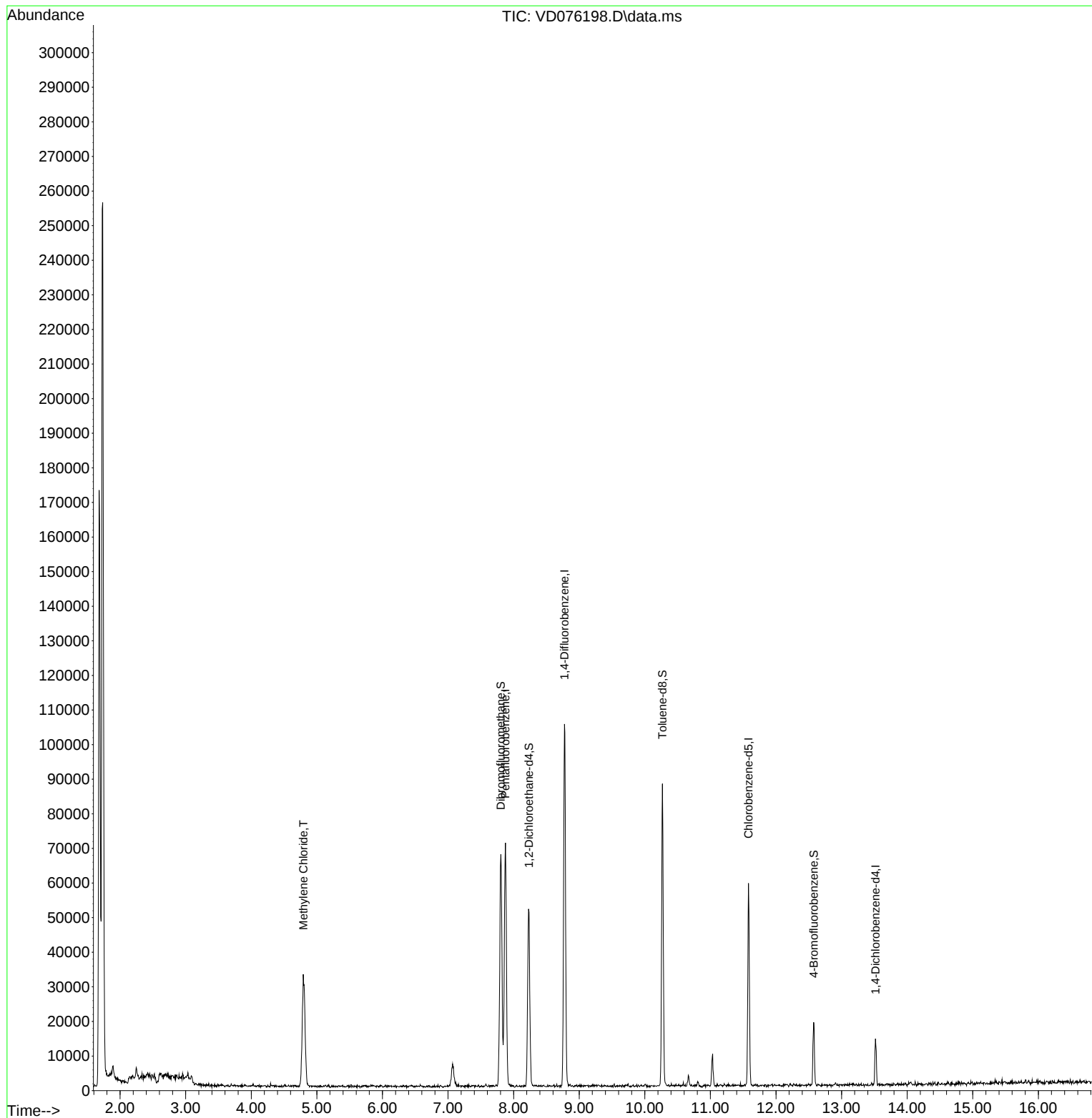
Internal Standards						
1) Pentafluorobenzene	7.875	168	58298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	101286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	37072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39366	69.868	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	139.740%	
35) Dibromofluoromethane	7.805	113	50088	71.543	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	143.080%	
50) Toluene-d8	10.269	98	63888	23.409	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	46.820%#	
62) 4-Bromofluorobenzene	12.575	95	5844	7.708	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	15.420%#	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	27066	25.745	ug/l #	80

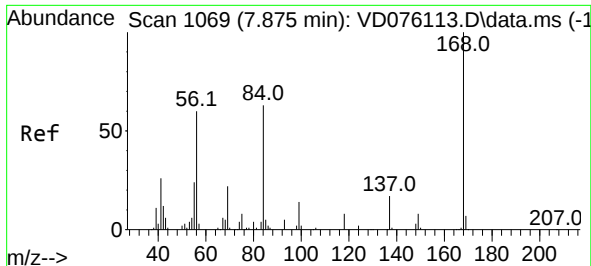
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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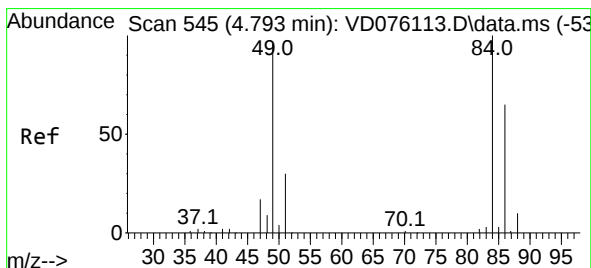
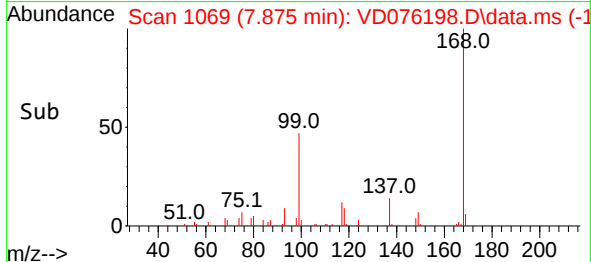
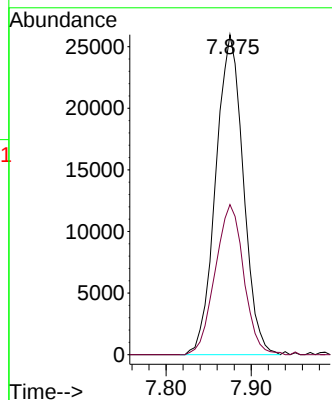
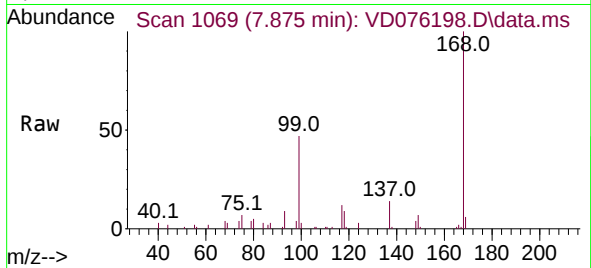




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

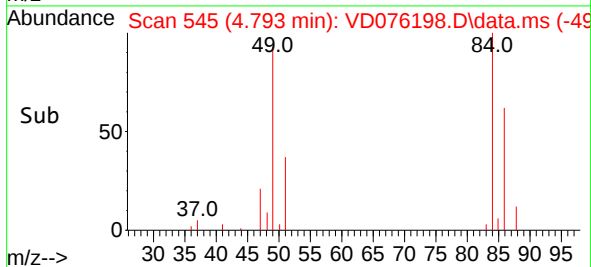
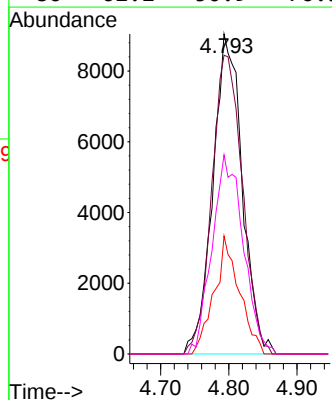
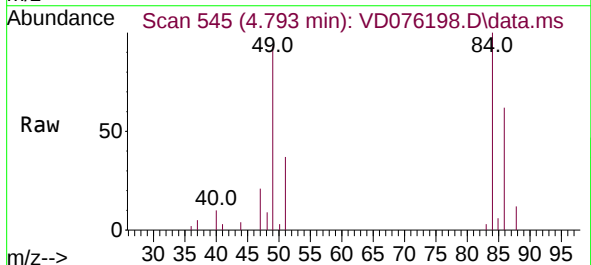
Instrument :
MSVOA_D
ClientSampleId :
ETGI-280

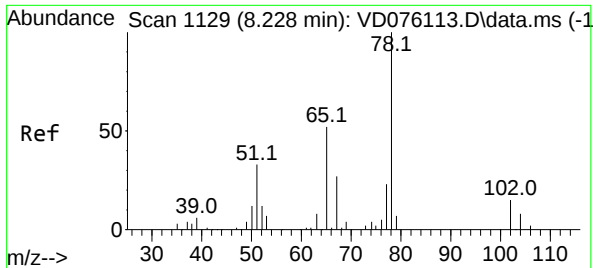
Tgt Ion:168 Resp: 58298
Ion Ratio Lower Upper
168 100
99 46.9 43.8 65.6



#20
Methylene Chloride
Concen: 25.745 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

Tgt Ion: 84 Resp: 27066
Ion Ratio Lower Upper
84 100
49 93.3 106.4 159.6#
51 36.9 32.4 48.6
86 62.2 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 69.868 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD076198.D

Acq: 23 May 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

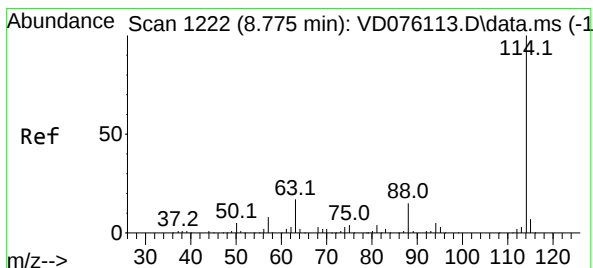
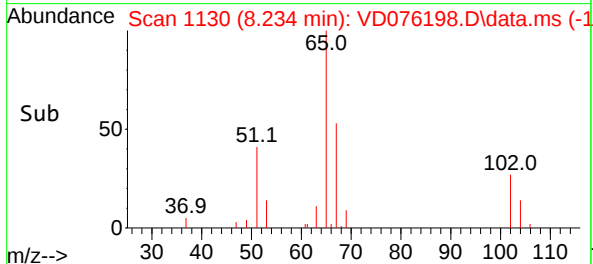
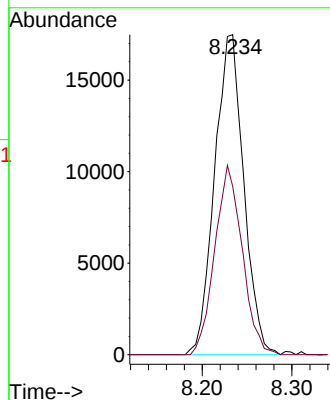
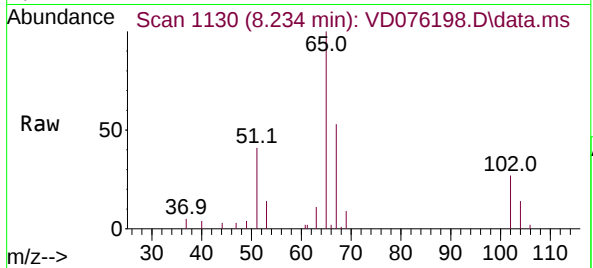
ETGI-280

Tgt Ion: 65 Resp: 39366

Ion Ratio Lower Upper

65 100

67 55.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076198.D

Acq: 23 May 2023 17:30

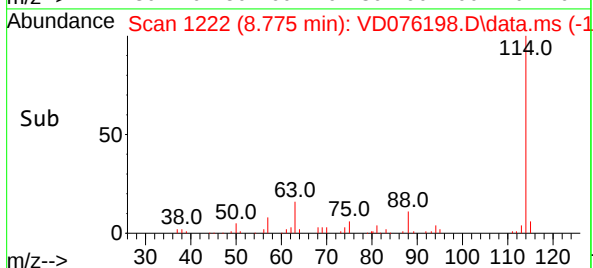
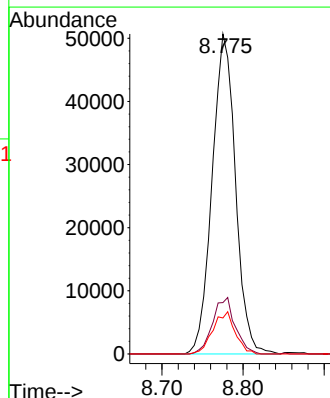
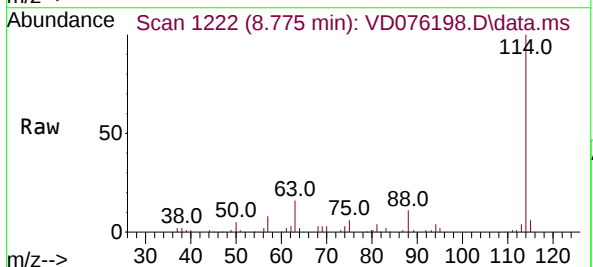
Tgt Ion: 114 Resp: 101286

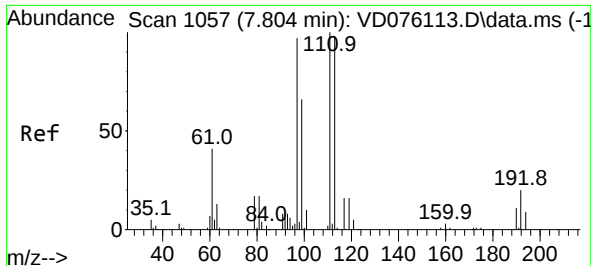
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 11.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 71.543 ug/l

RT: 7.805 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD076198.D

Acq: 23 May 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

ETGI-280

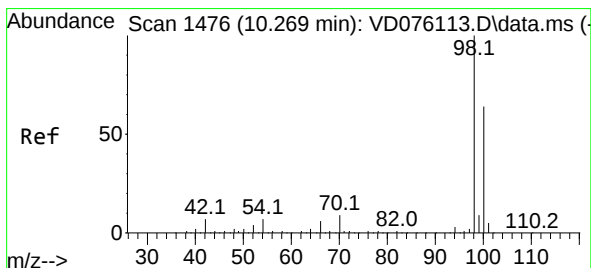
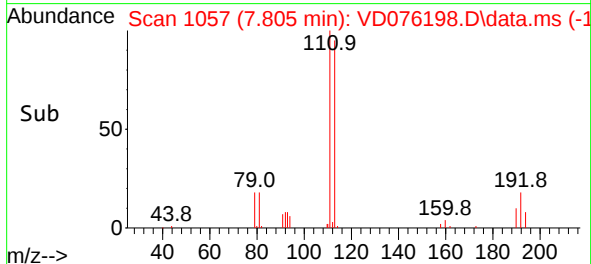
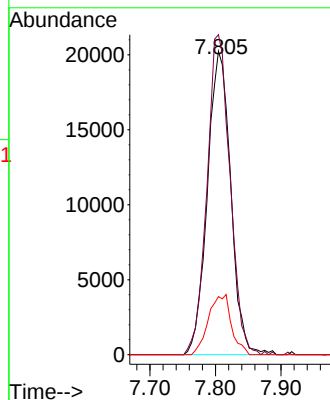
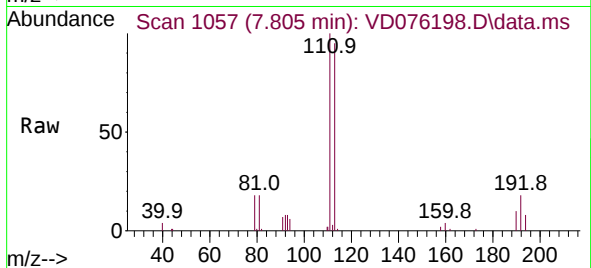
Tgt Ion:113 Resp: 50088

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.4 15.2 22.8



#50

Toluene-d8

Concen: 23.409 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076198.D

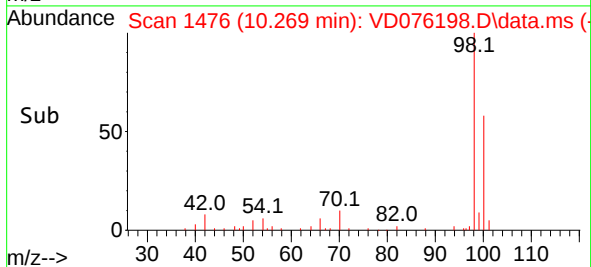
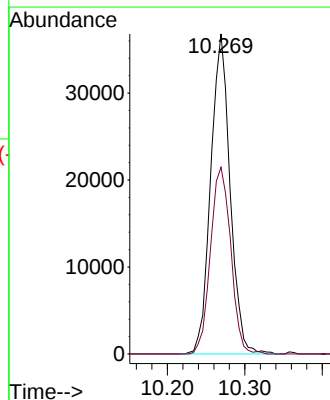
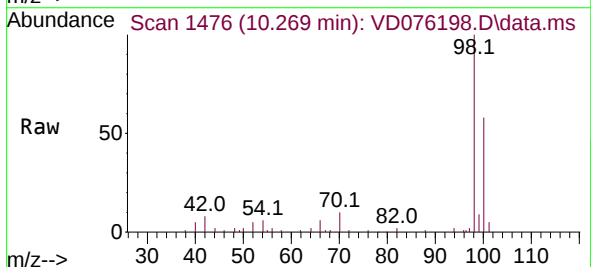
Acq: 23 May 2023 17:30

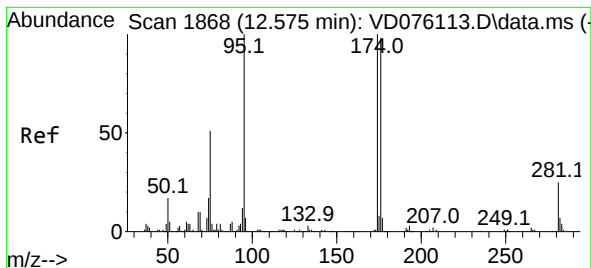
Tgt Ion: 98 Resp: 63888

Ion Ratio Lower Upper

98 100

100 61.1 52.1 78.1

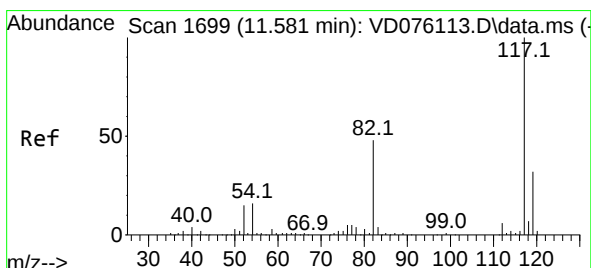
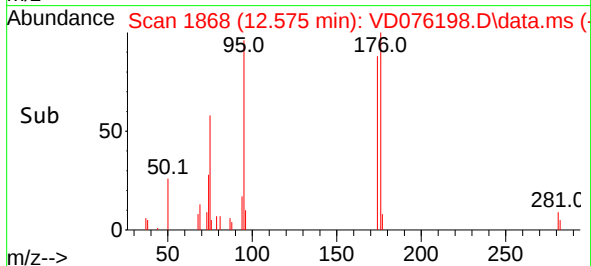
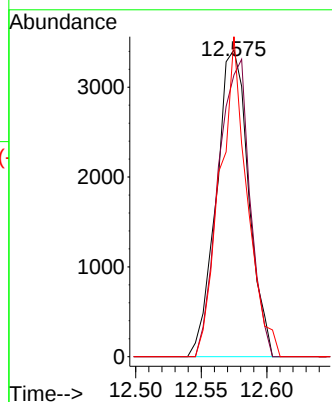
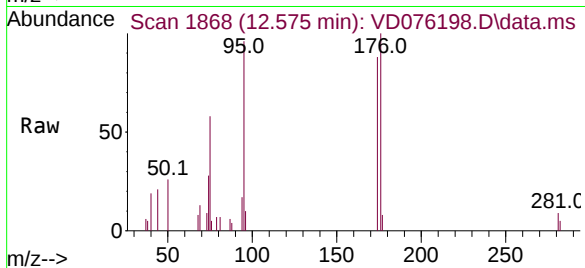




#62
4-Bromofluorobenzene
Concen: 7.708 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

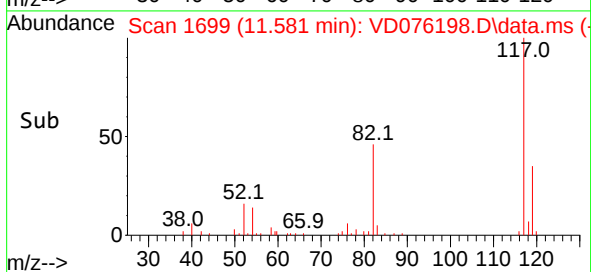
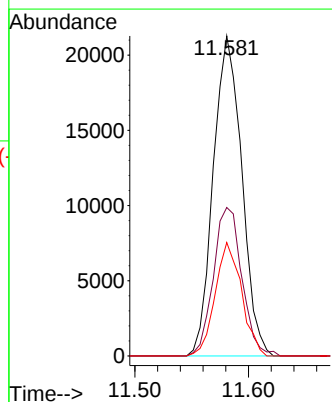
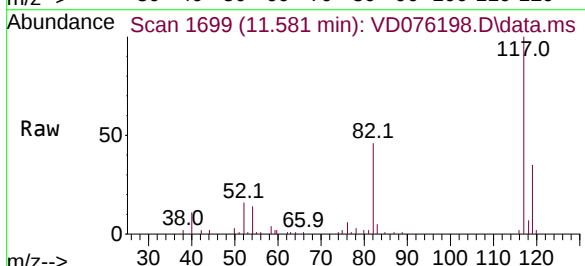
Instrument :
MSVOA_D
ClientSampleId :
ETGI-280

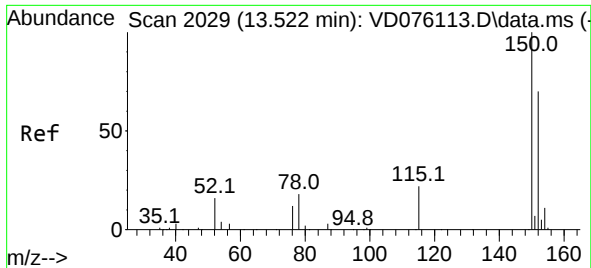
Tgt Ion: 95 Resp: 5844
Ion Ratio Lower Upper
95 100
174 95.1 0.0 164.0
176 88.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

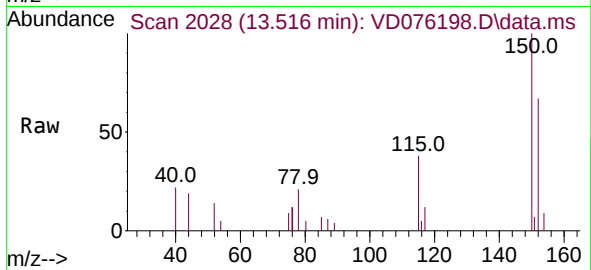
Tgt Ion: 117 Resp: 37072
Ion Ratio Lower Upper
117 100
82 46.4 44.0 66.0
119 35.4 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076198.D
 Acq: 23 May 2023 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-280



Tgt Ion:	152	Resp:	4238
Ion	Ratio	Lower	Upper
152	100		
115	56.4	30.1	90.3
150	159.4	0.0	364.8

