

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076197.D
 Acq On : 23 May 2023 17:00
 Operator : KP/SY
 Sample : 02864-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-289

Quant Time: May 24 06:42:29 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)

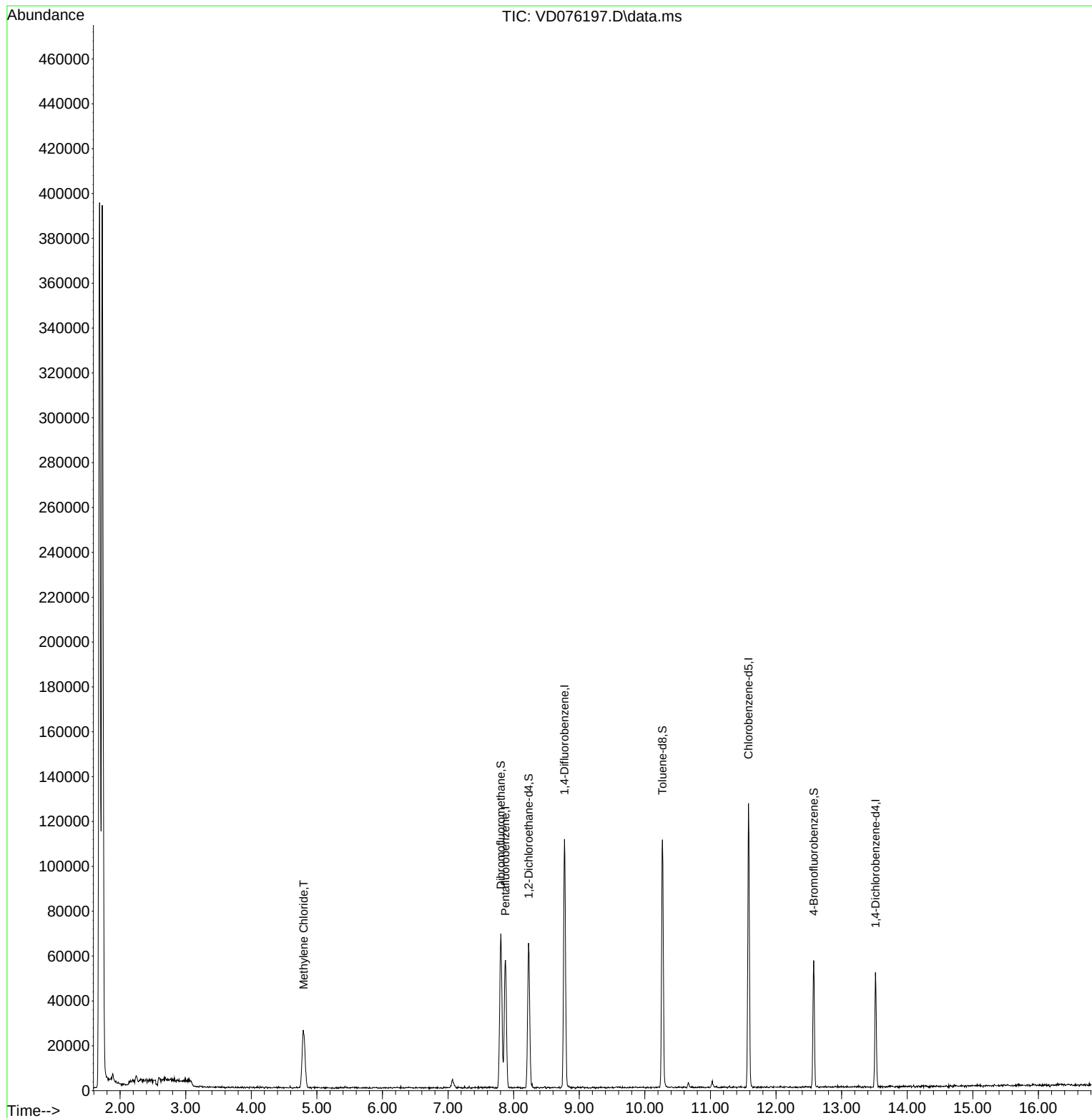
Internal Standards						
1) Pentafluorobenzene	7.875	168	50031	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	107492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	78218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48836	100.997	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	202.000%	#
35) Dibromofluoromethane	7.804	113	51137	68.825	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	137.640%	
50) Toluene-d8	10.269	98	85359	29.470	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	58.940%	
62) 4-Bromofluorobenzene	12.575	95	17537	21.796	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	43.600%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.799	84	23431	26.069	ug/l	# 71

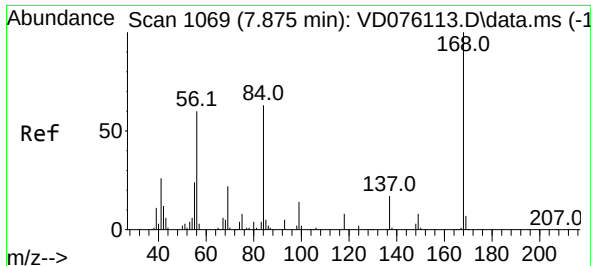
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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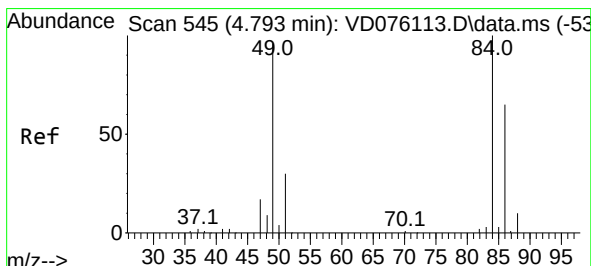
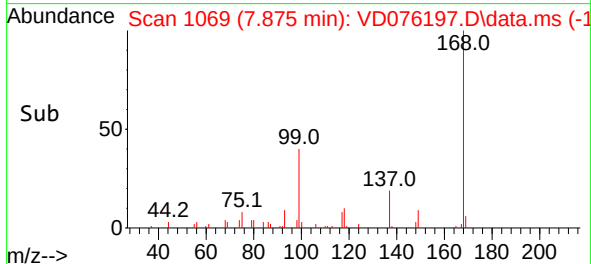
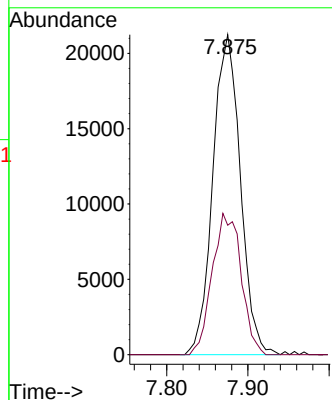
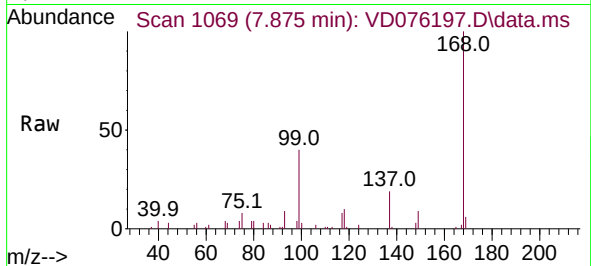




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

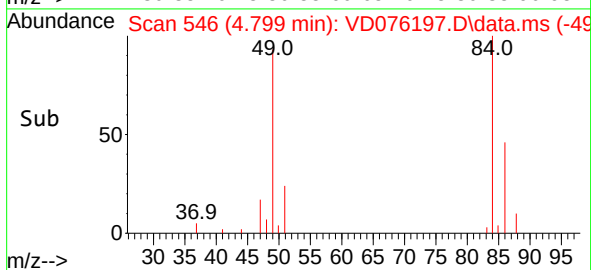
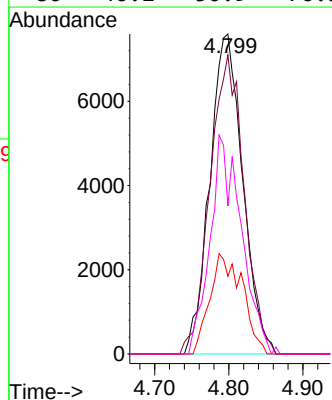
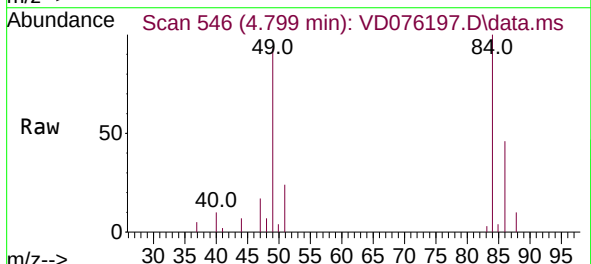
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289

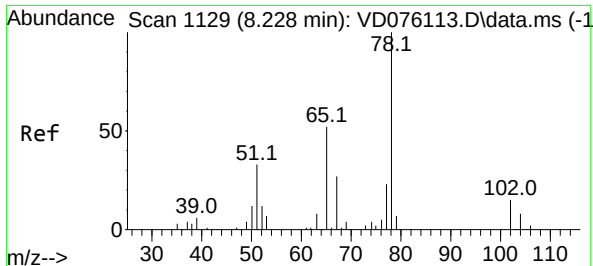
Tgt Ion:168 Resp: 50031
Ion Ratio Lower Upper
168 100
99 40.4 43.8 65.6#



#20
Methylene Chloride
Concen: 26.069 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Tgt Ion: 84 Resp: 23431
Ion Ratio Lower Upper
84 100
49 93.4 106.4 159.6#
51 24.3 32.4 48.6#
86 46.2 50.9 76.3#





#33

1,2-Dichloroethane-d4

Concen: 100.997 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076197.D

Acq: 23 May 2023 17:00

Instrument :

MSVOA_D

ClientSampleId :

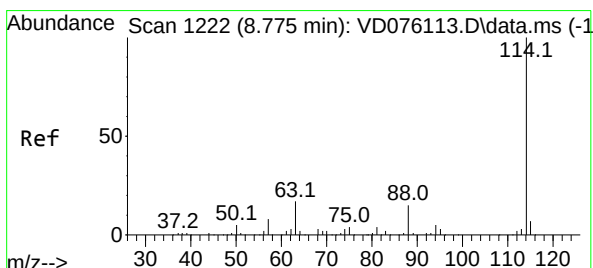
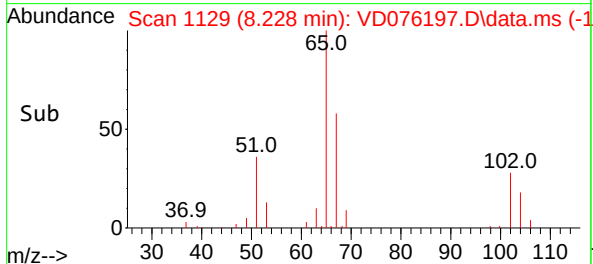
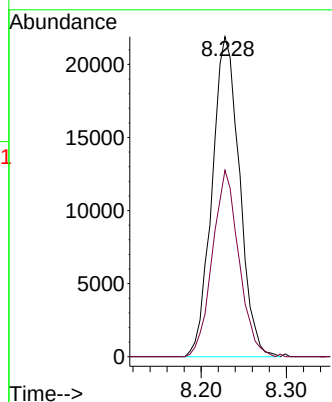
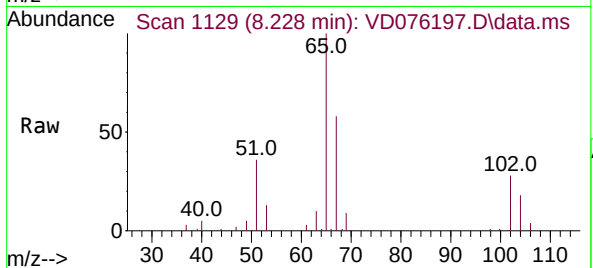
ETGI-289

Tgt Ion: 65 Resp: 48836

Ion Ratio Lower Upper

65 100

67 56.4 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: VD076197.D

Acq: 23 May 2023 17:00

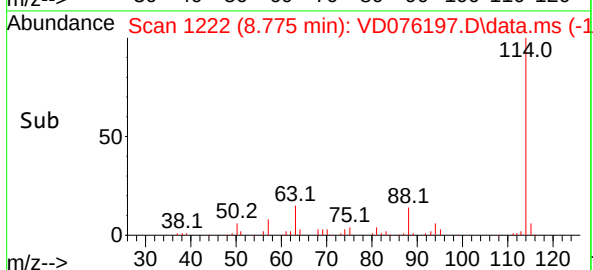
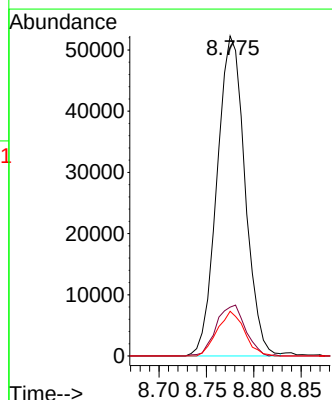
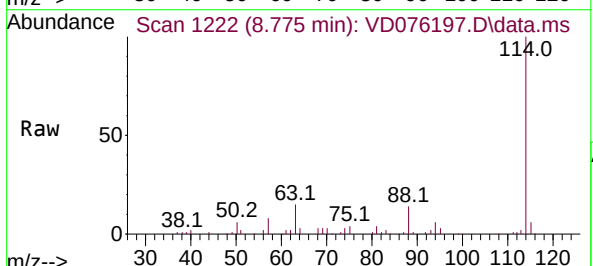
Tgt Ion: 114 Resp: 107492

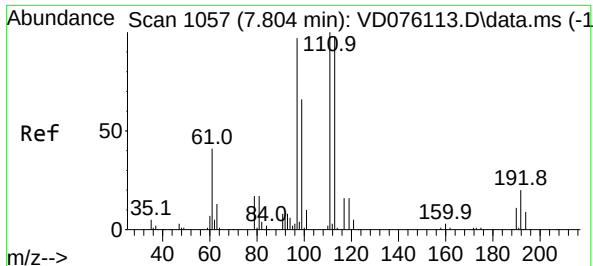
Ion Ratio Lower Upper

114 100

63 15.3 0.0 41.6

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 68.825 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076197.D

Acq: 23 May 2023 17:00

Instrument :

MSVOA_D

ClientSampleId :

ETGI-289

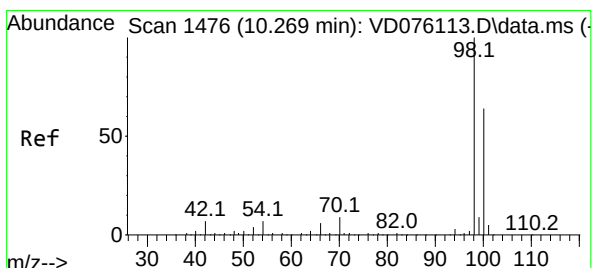
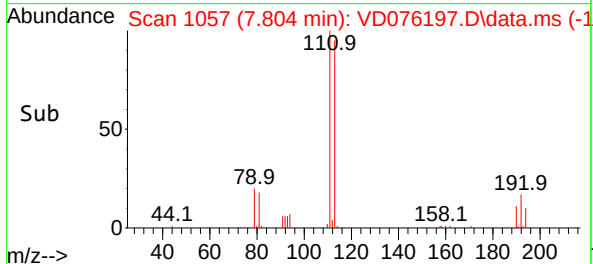
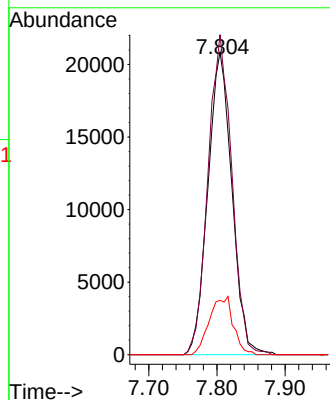
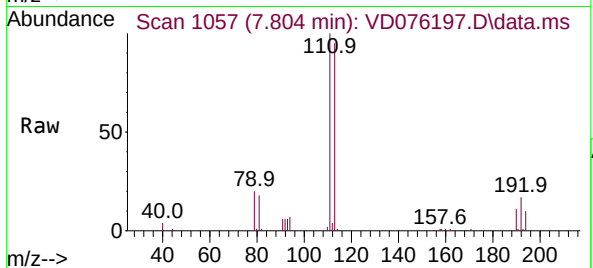
Tgt Ion:113 Resp: 51137

Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 19.0 15.2 22.8



#50

Toluene-d8

Concen: 29.470 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076197.D

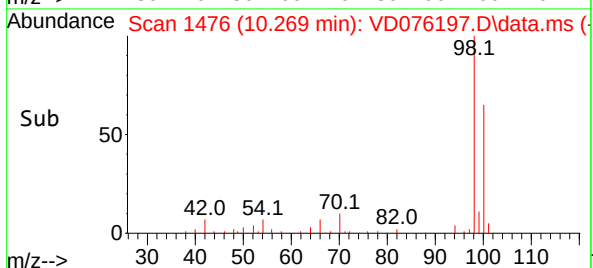
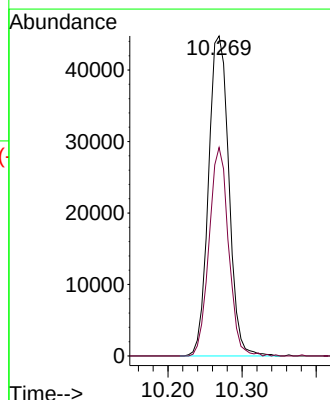
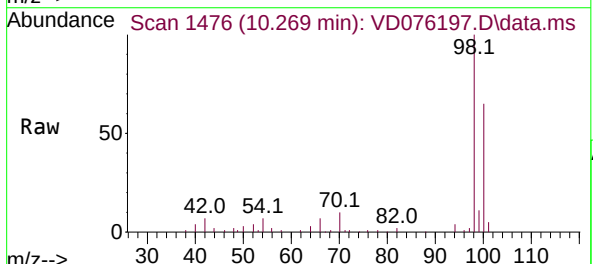
Acq: 23 May 2023 17:00

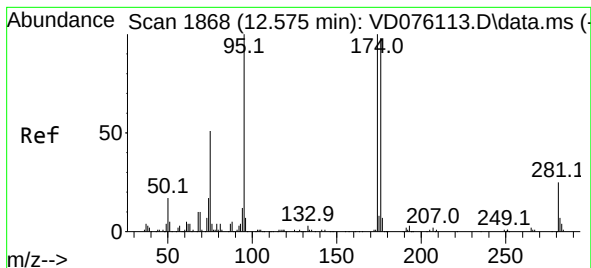
Tgt Ion: 98 Resp: 85359

Ion Ratio Lower Upper

98 100

100 62.3 52.1 78.1

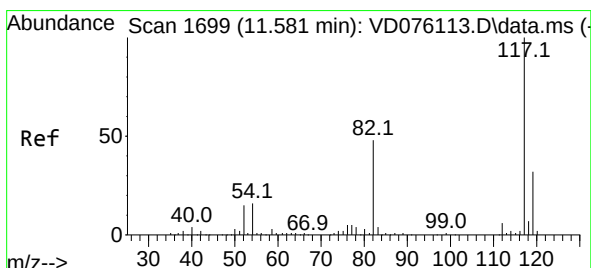
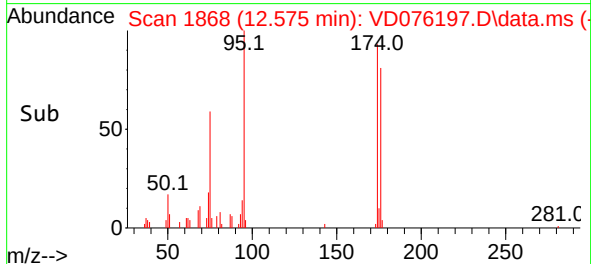
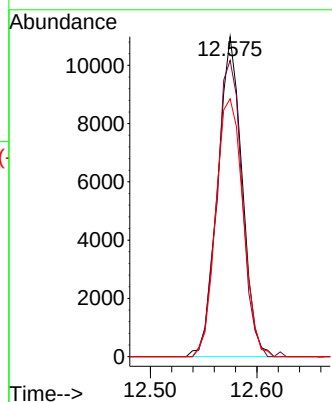
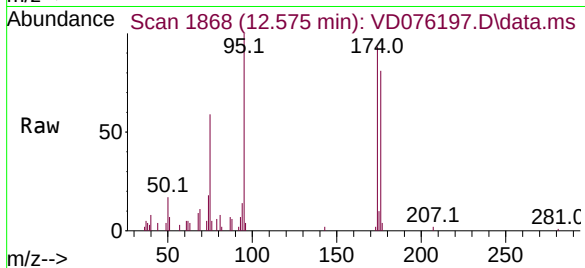




#62
4-Bromofluorobenzene
Concen: 21.796 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

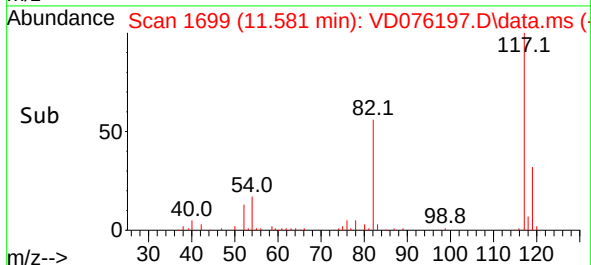
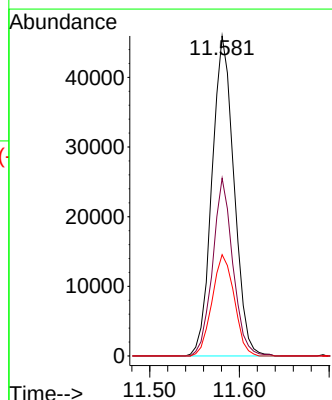
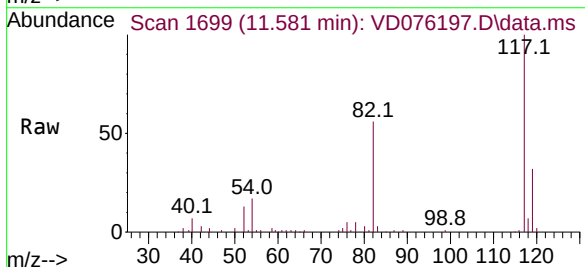
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289

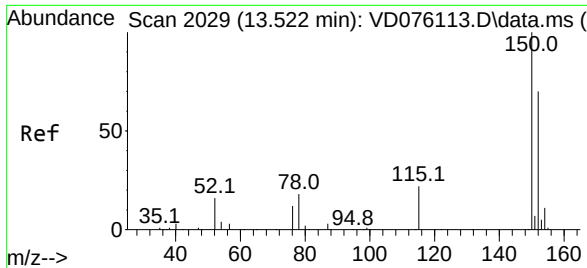
Tgt Ion: 95 Resp: 17537
Ion Ratio Lower Upper
95 100
174 95.3 0.0 164.0
176 89.4 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

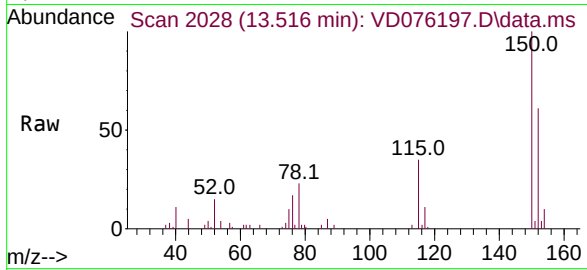
Tgt Ion: 117 Resp: 78218
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 31.7 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076197.D
 Acq: 23 May 2023 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-289



Tgt Ion:	152	Resp:	14015
Ion	Ratio	Lower	Upper
152	100		
115	57.4	30.1	90.3
150	171.0	0.0	364.8

