

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076199.D
 Acq On : 23 May 2023 18:00
 Operator : KP/SY
 Sample : 02864-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-359

Quant Time: May 24 06:42:43 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)

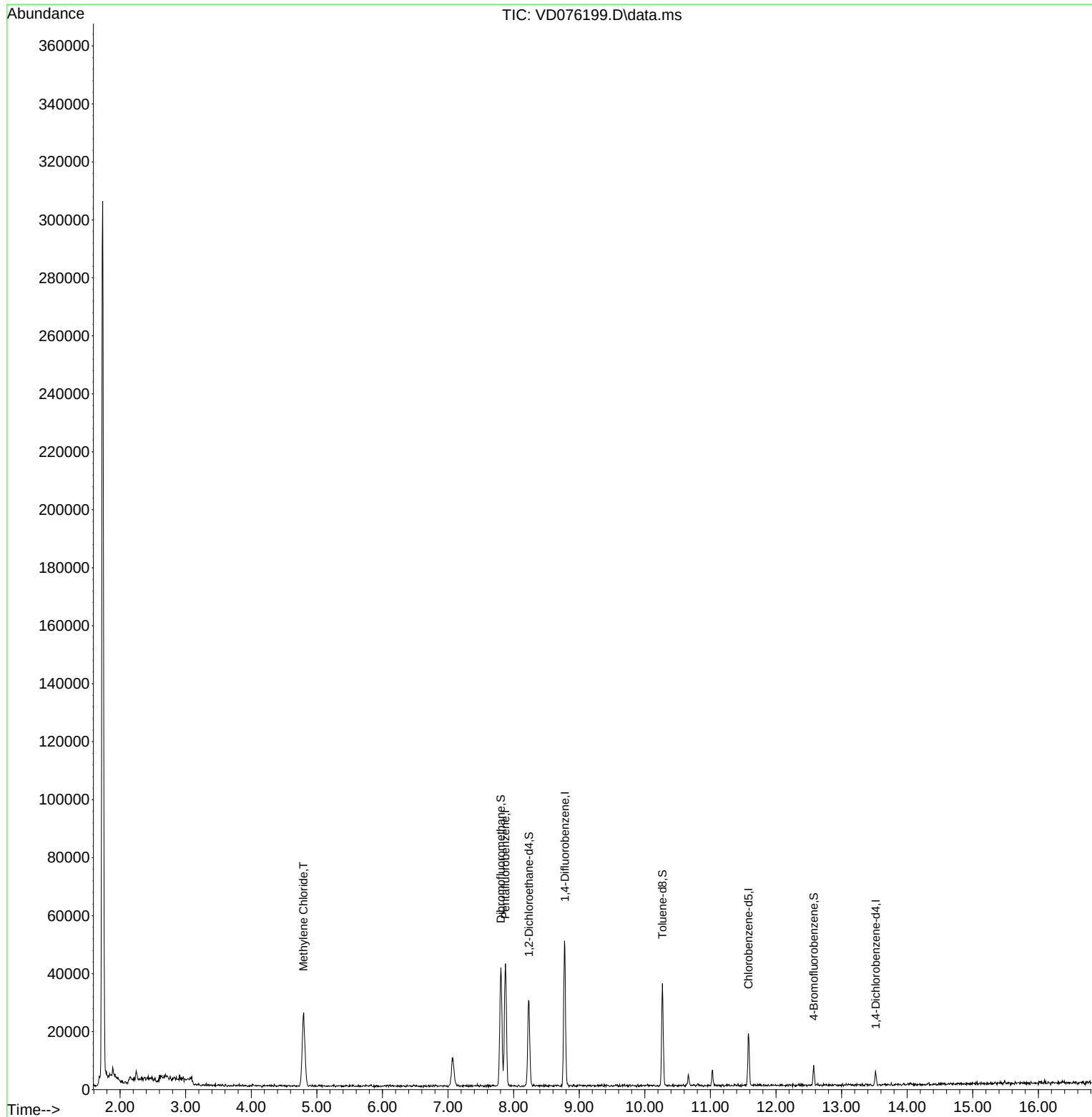
Internal Standards						
1) Pentafluorobenzene	7.875	168	34403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	47229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22956	69.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.080%
35) Dibromofluoromethane	7.805	113	29771	91.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	182.380%#
50) Toluene-d8	10.269	98	26108	20.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.040%#
62) 4-Bromofluorobenzene	12.575	95	2120	5.997	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	12.000%#
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	21130	37.877	ug/l #	72

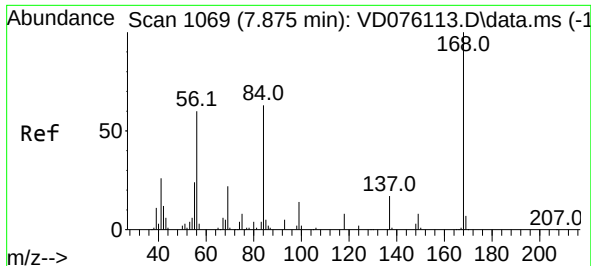
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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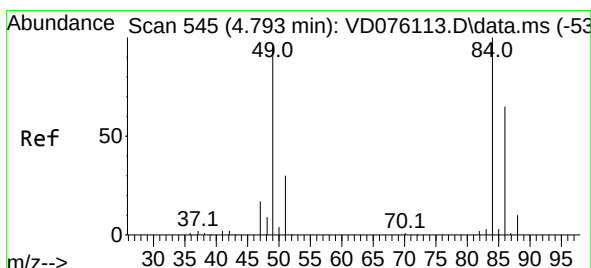
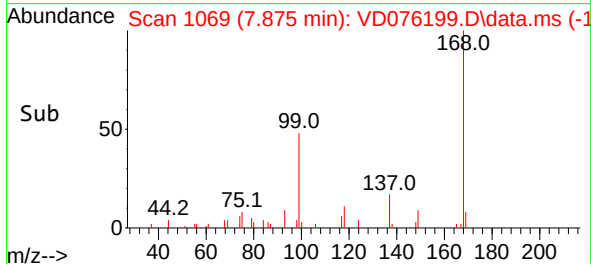
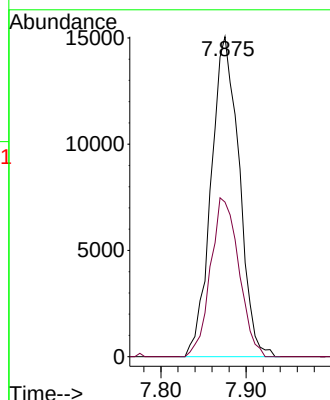
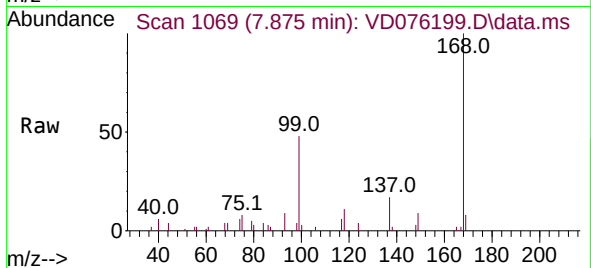




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076199.D
Acq: 23 May 2023 18:00

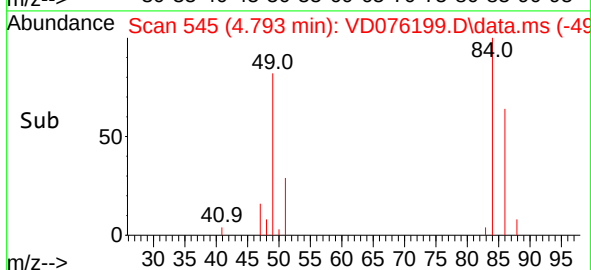
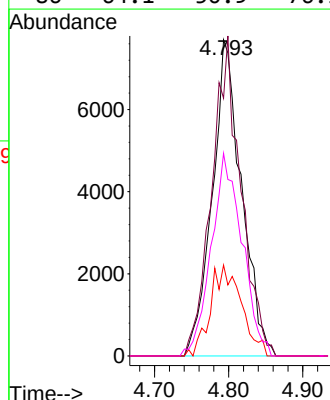
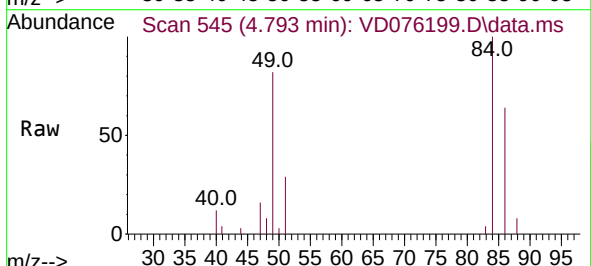
Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

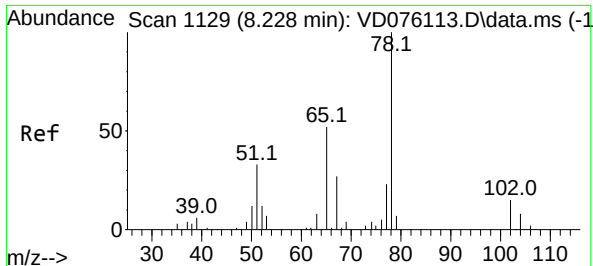
Tgt Ion:168 Resp: 34403
Ion Ratio Lower Upper
168 100
99 48.3 43.8 65.6



#20
Methylene Chloride
Concen: 37.877 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076199.D
Acq: 23 May 2023 18:00

Tgt Ion: 84 Resp: 21130
Ion Ratio Lower Upper
84 100
49 81.5 106.4 159.6#
51 28.8 32.4 48.6#
86 64.1 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 69.041 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076199.D

Acq: 23 May 2023 18:00

Instrument :

MSVOA_D

ClientSampleId :

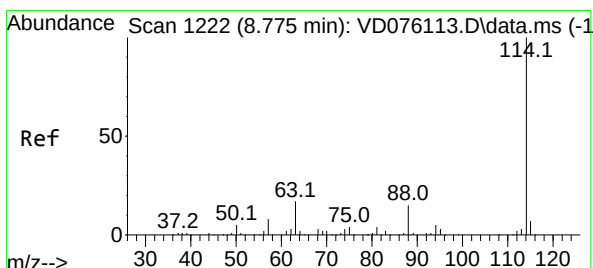
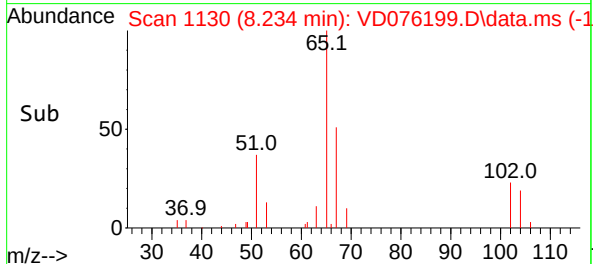
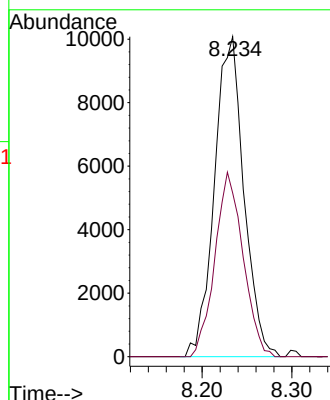
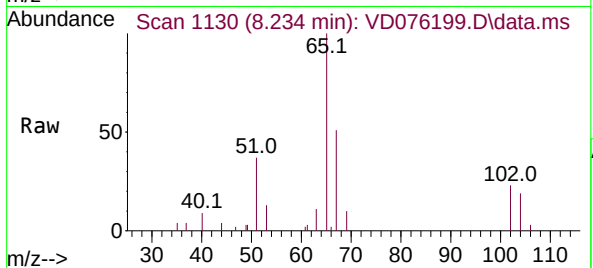
ETGI-359

Tgt Ion: 65 Resp: 22956

Ion Ratio Lower Upper

65 100

67 55.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076199.D

Acq: 23 May 2023 18:00

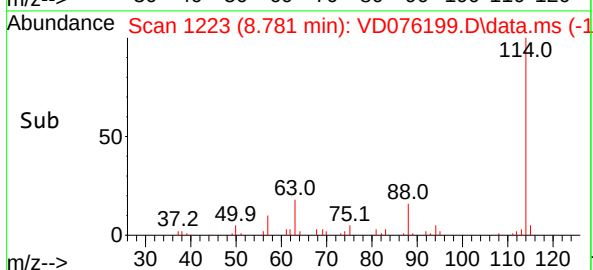
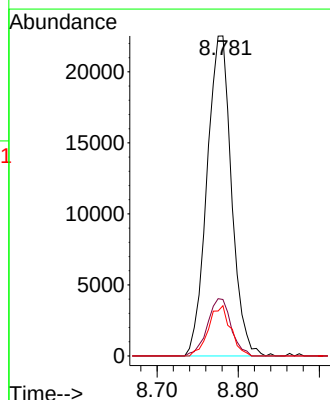
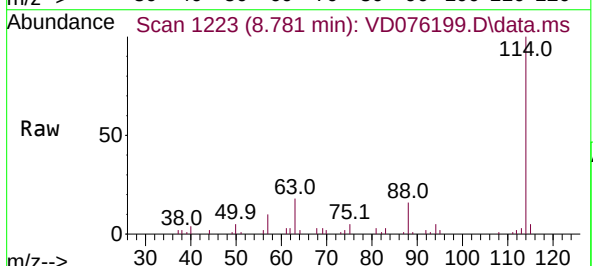
Tgt Ion: 114 Resp: 47229

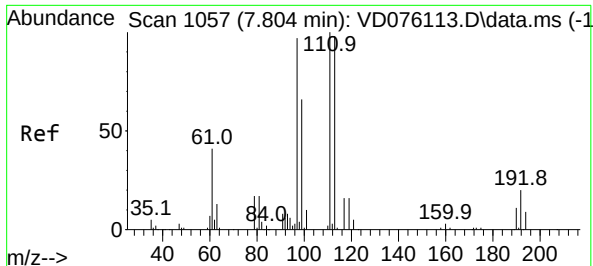
Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.6

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 91.195 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076199.D

Acq: 23 May 2023 18:00

Instrument :

MSVOA_D

ClientSampleId :

ETGI-359

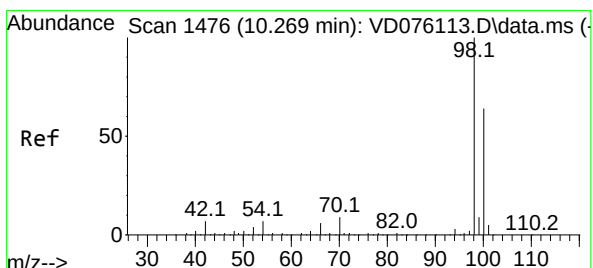
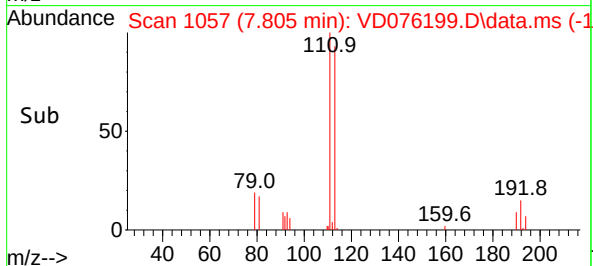
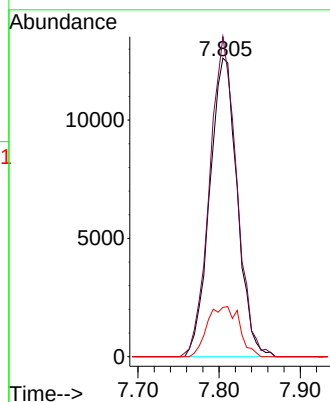
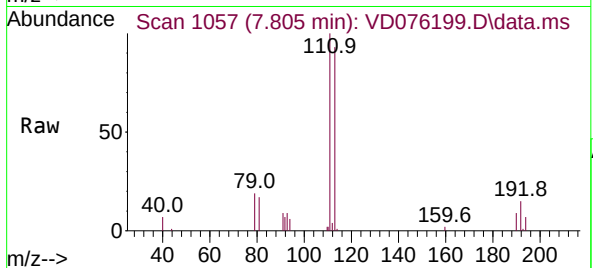
Tgt Ion:113 Resp: 29771

Ion Ratio Lower Upper

113 100

111 105.6 81.4 122.0

192 19.6 15.2 22.8



#50

Toluene-d8

Concen: 20.515 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076199.D

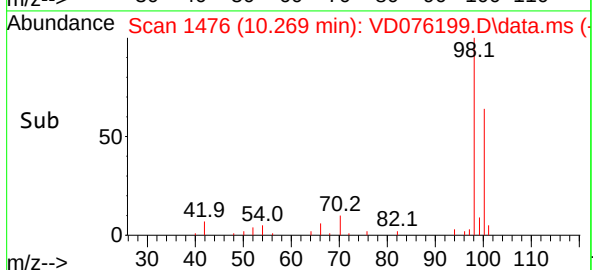
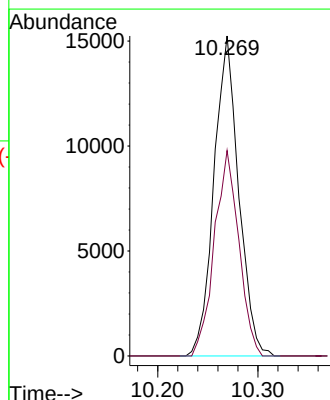
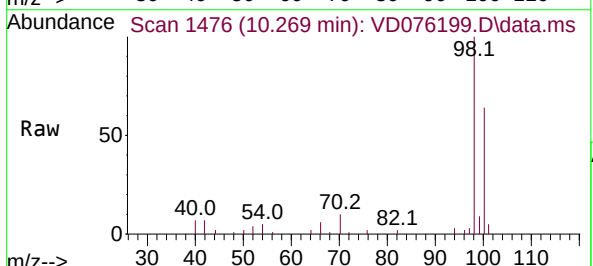
Acq: 23 May 2023 18:00

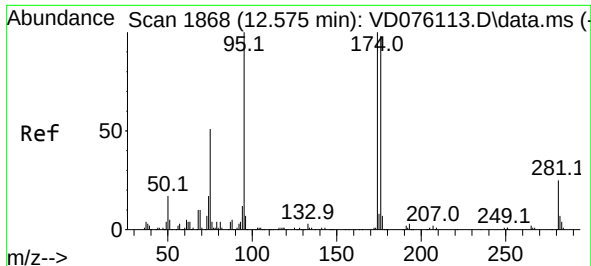
Tgt Ion: 98 Resp: 26108

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1

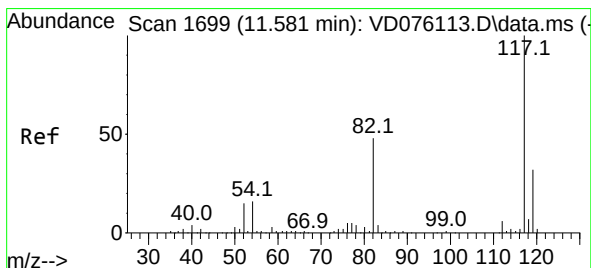
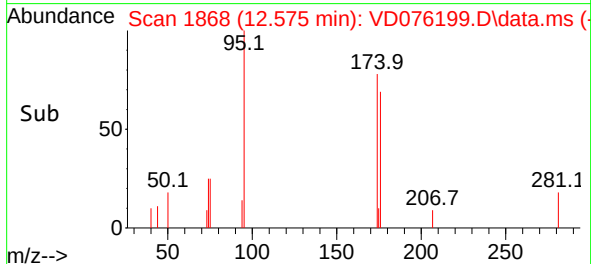
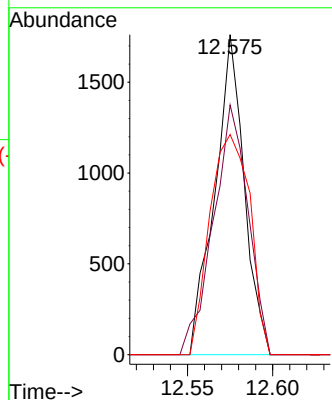
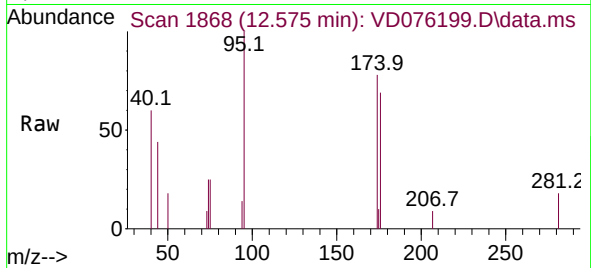




#62
4-Bromofluorobenzene
Concen: 5.997 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076199.D
Acq: 23 May 2023 18:00

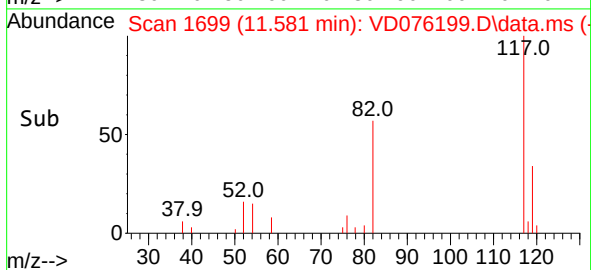
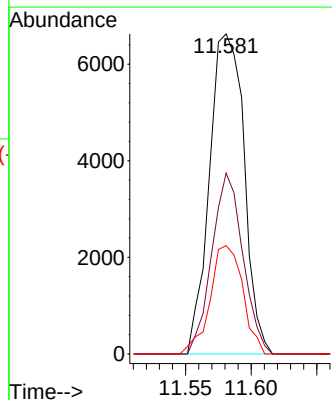
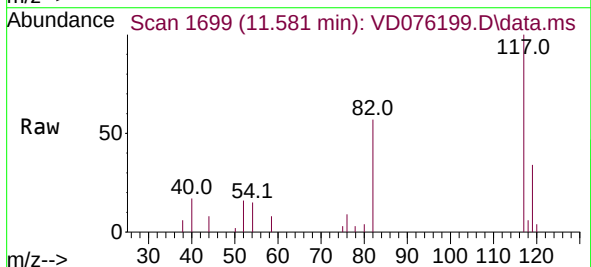
Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

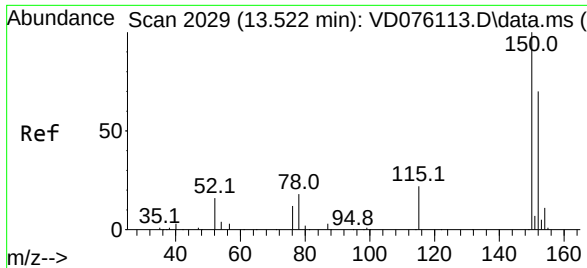
Tgt Ion: 95 Resp: 2120
Ion Ratio Lower Upper
95 100
174 92.0 0.0 164.0
176 93.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076199.D
Acq: 23 May 2023 18:00

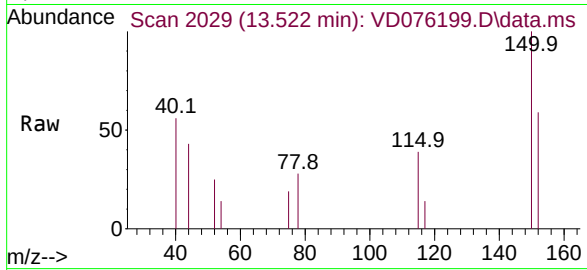
Tgt Ion: 117 Resp: 12183
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 33.9 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076199.D
 Acq: 23 May 2023 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-359



Tgt Ion:152 Resp: 1400

Ion	Ratio	Lower	Upper
152	100		
115	57.3	30.1	90.3
150	199.5	0.0	364.8

