

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)

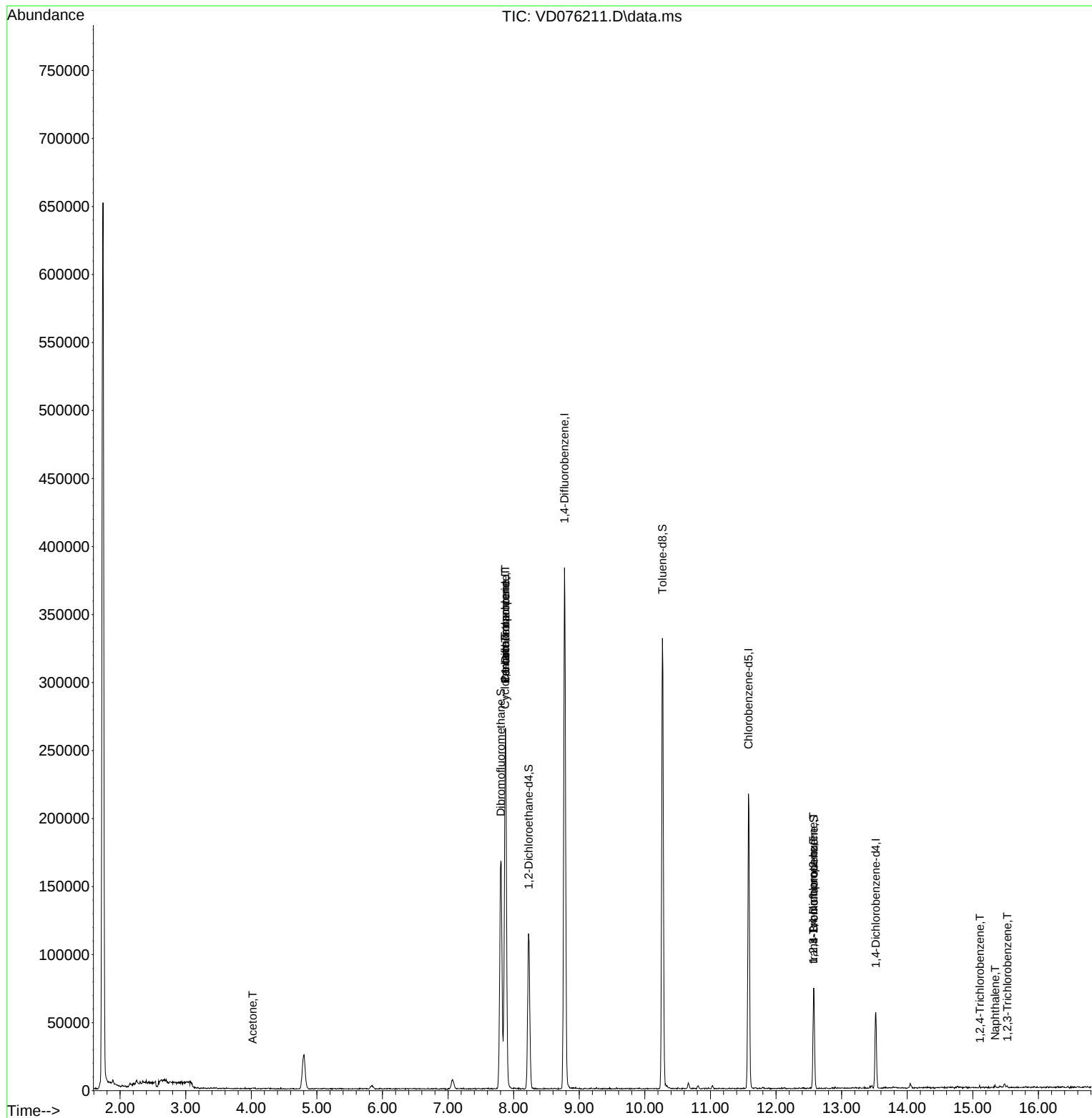
Internal Standards						
1) Pentafluorobenzene	7.875	168	217731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	361935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	135732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
3) Chloromethane	2.146	50	698	Below Cal	Qvalue 95	
16) Acetone	4.022	43	547	1.306 ug/l #	44	
17) Carbon Disulfide	4.258	76	322	Below Cal #	73	
20) Methylene Chloride	4.805	84	21879	Below Cal #	75	
31) Cyclohexane	7.869	56	4218	1.309 ug/l #	1	
36) 1,1-Dichloropropene	7.875	75	17102	5.062 ug/l #	46	
38) Carbon Tetrachloride	7.875	117	19309	6.327 ug/l #	17	
76) 1,2,3-Trichloropropane	12.569	75	11252	71.012 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.569	75	11252	148.972 ug/l #	5	
93) 1,2,4-Trichlorobenzene	15.110	180	506	1.527 ug/l #	53	
95) Naphthalene	15.339	128	1628	2.644 ug/l #	69	
96) 1,2,3-Trichlorobenzene	15.528	180	702	2.330 ug/l #	65	

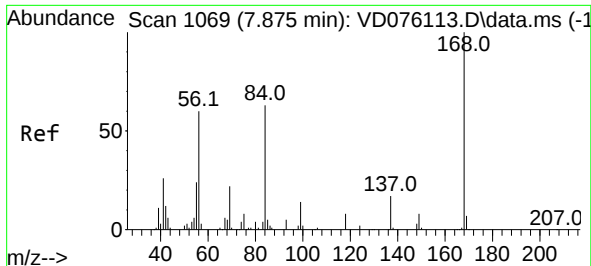
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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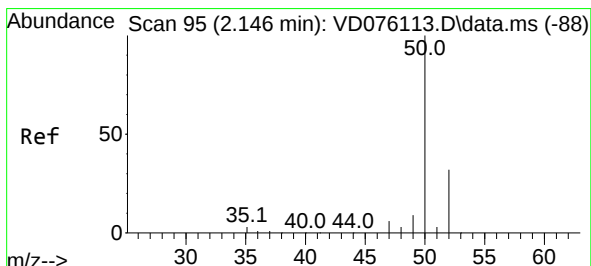
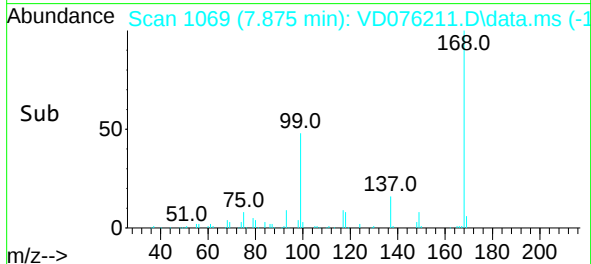
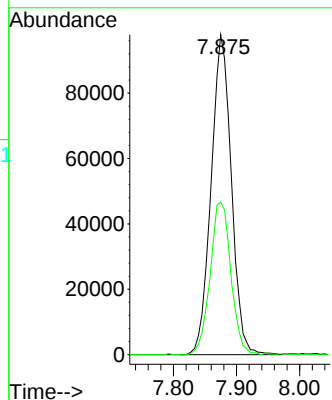
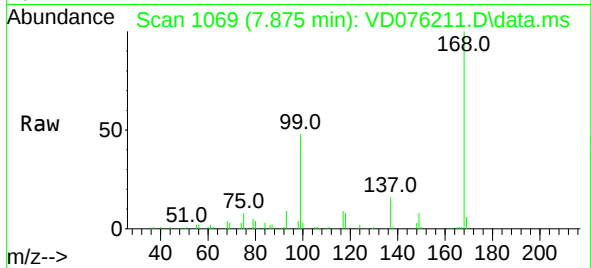




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

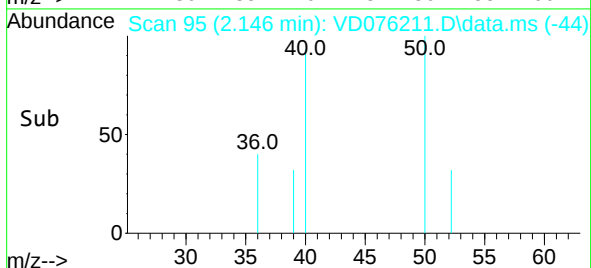
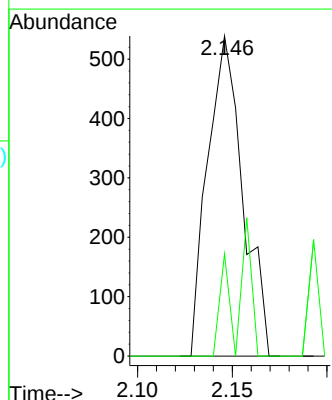
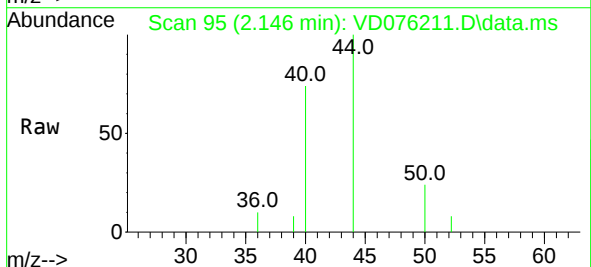
Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

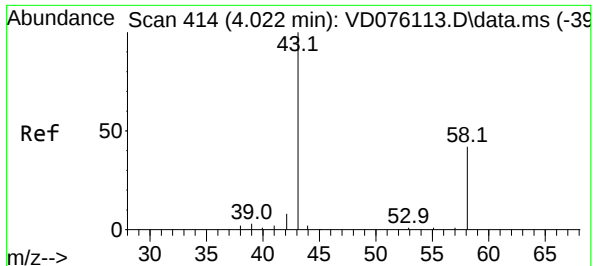
Tgt Ion:168 Resp: 217731
Ion Ratio Lower Upper
168 100
99 47.7 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

Tgt Ion: 50 Resp: 698
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.8

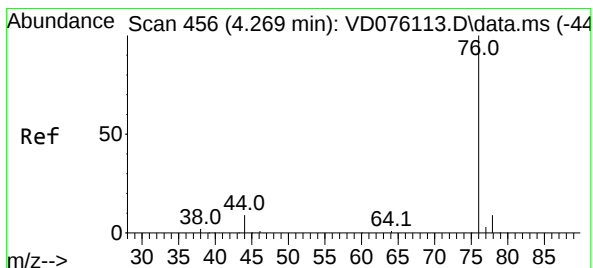
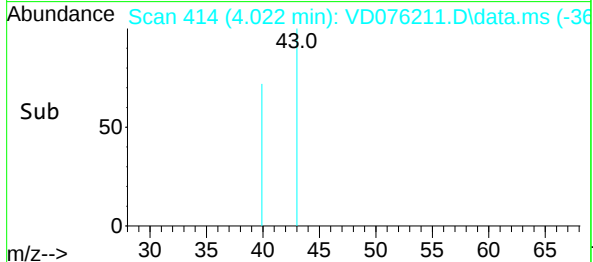
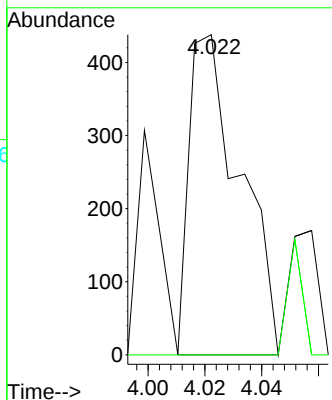
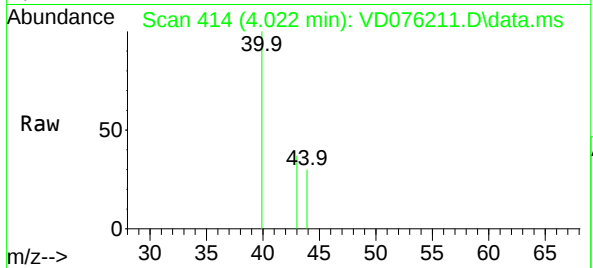




#16
Acetone
Concen: 1.306 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

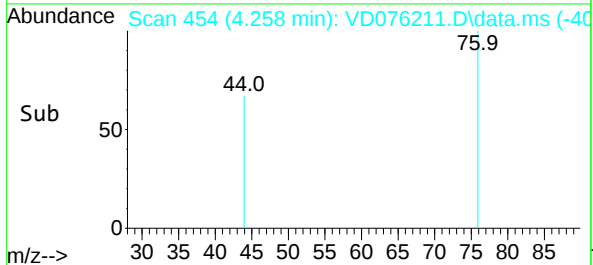
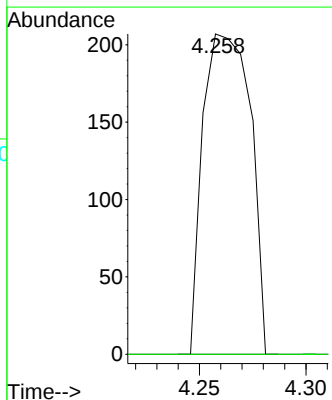
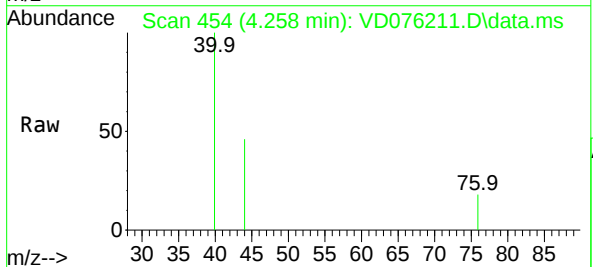
Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

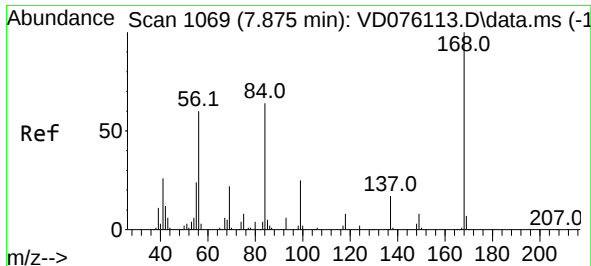
Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.258 min Scan# 454
Delta R.T. -0.011 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

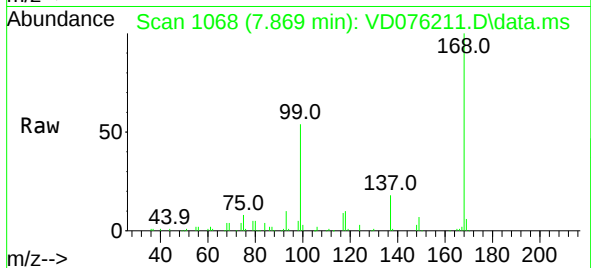
Tgt Ion: 76 Resp: 322
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



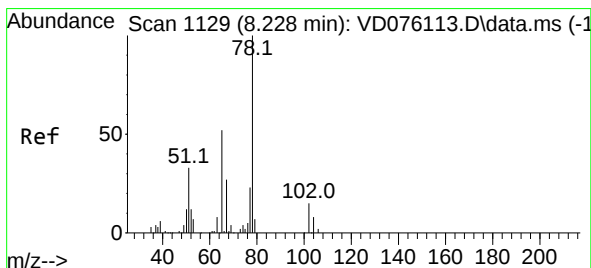
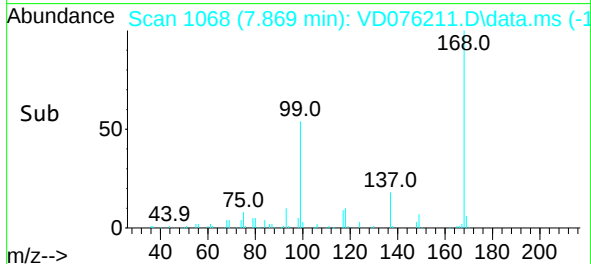
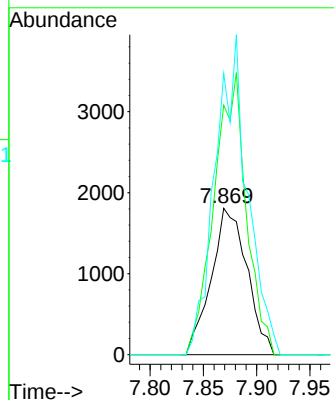


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

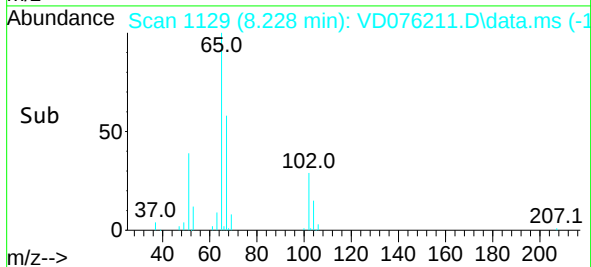
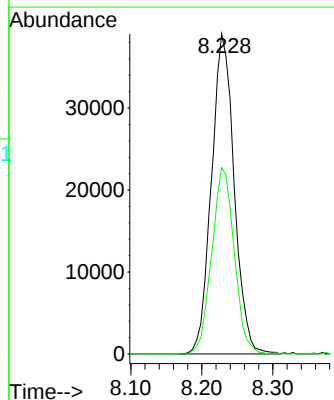
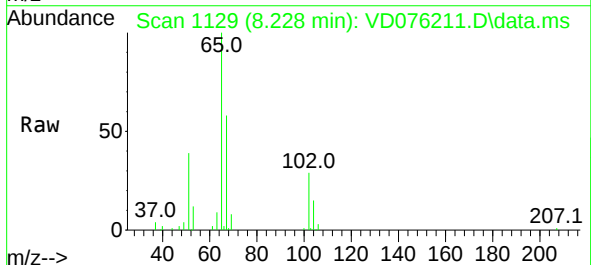


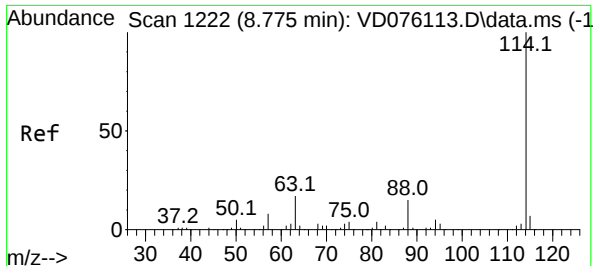
Tgt Ion: 56 Resp: 4218
Ion Ratio Lower Upper
56 100
69 170.4 25.5 38.3#
84 192.1 69.6 104.4#



#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

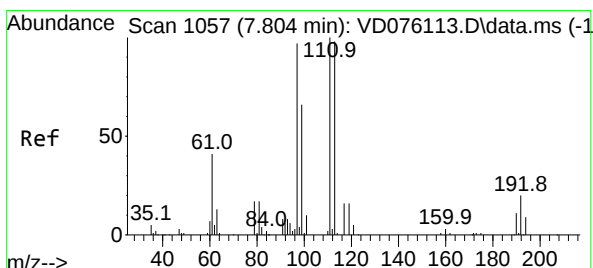
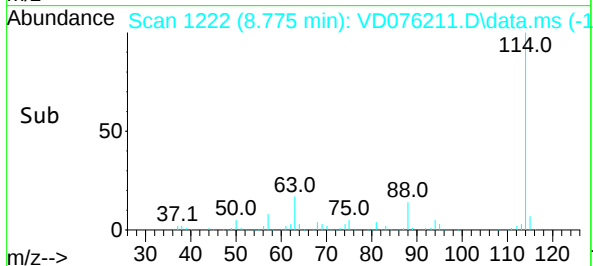
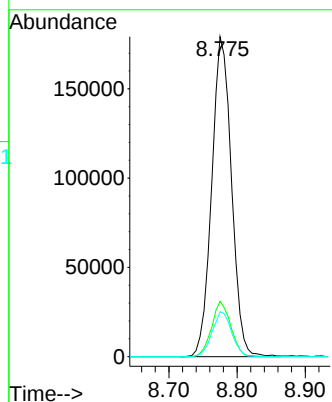
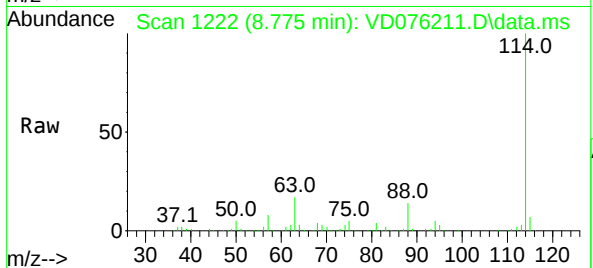
Tgt Ion:114 Resp: 361935

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

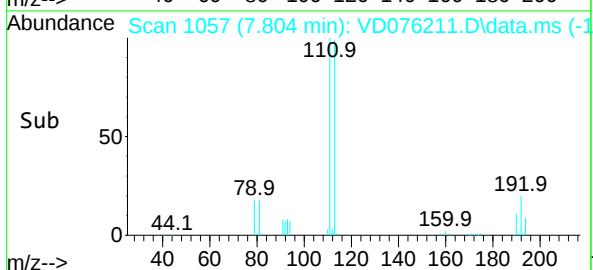
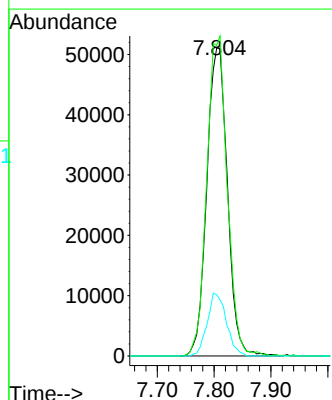
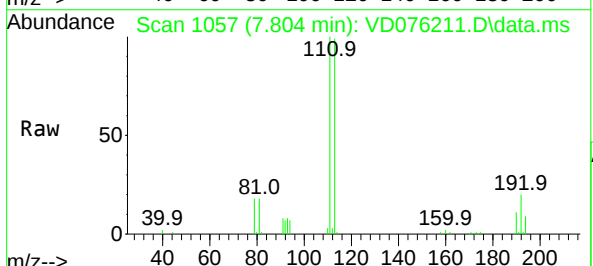
Tgt Ion:113 Resp: 128676

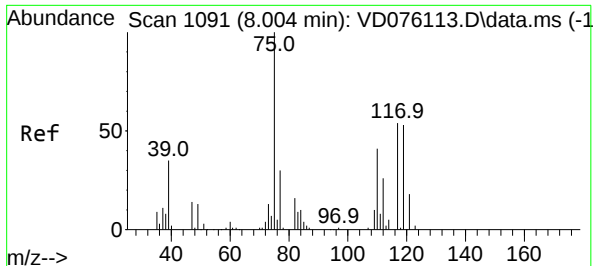
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.9 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.062 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076211.D

Acq: 24 May 2023 13:42

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ETGI-359

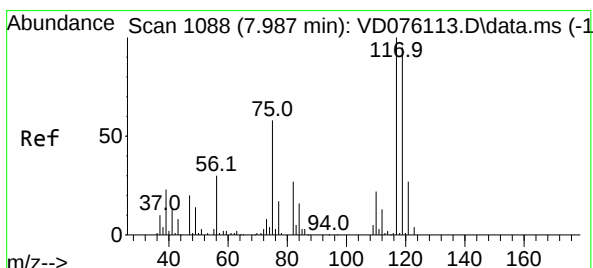
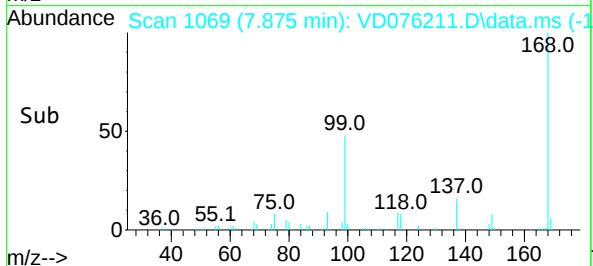
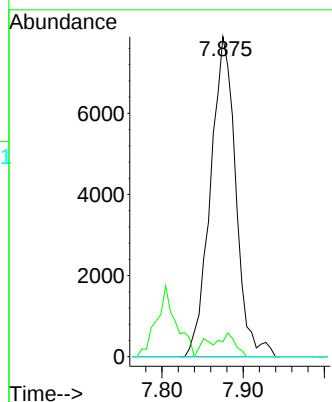
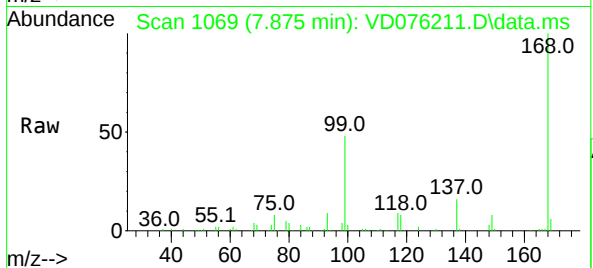
Tgt Ion: 75 Resp: 17102

Ion Ratio Lower Upper

75 100

110 4.5 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.327 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076211.D

Acq: 24 May 2023 13:42

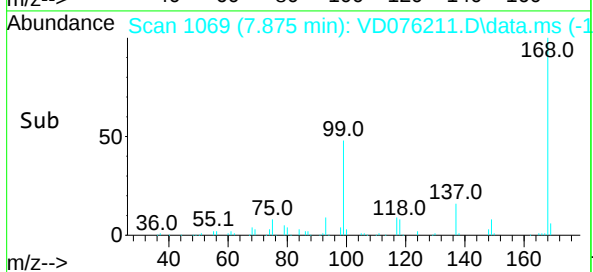
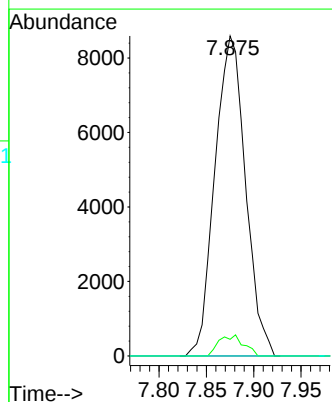
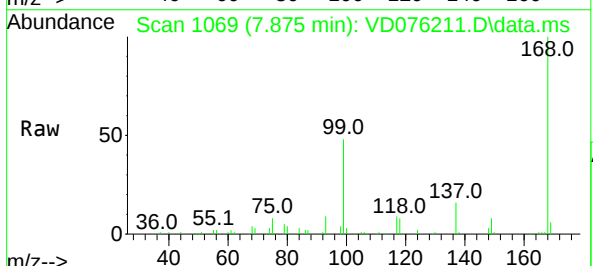
Tgt Ion: 117 Resp: 19309

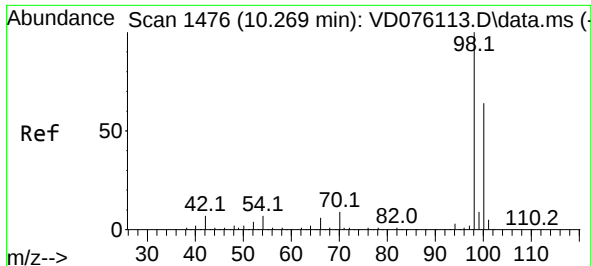
Ion Ratio Lower Upper

117 100

119 5.2 74.7 112.1#

121 0.0 25.9 38.9#

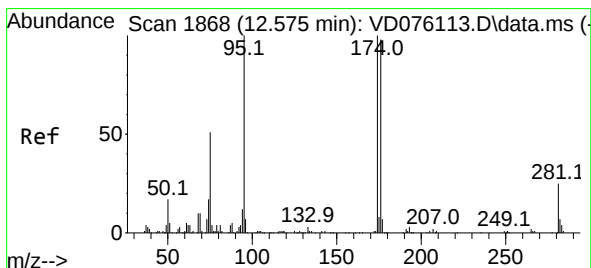
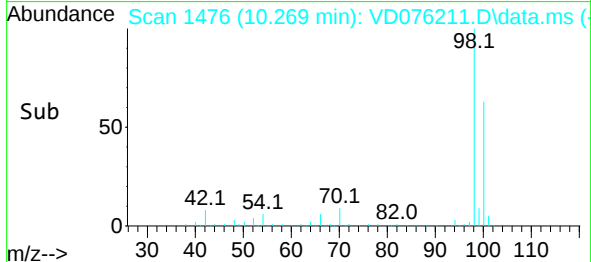
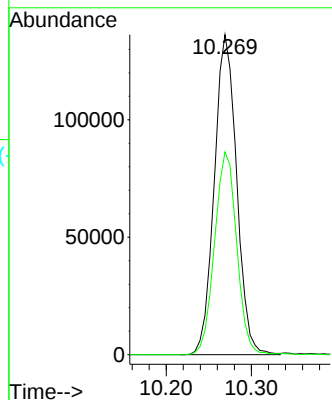
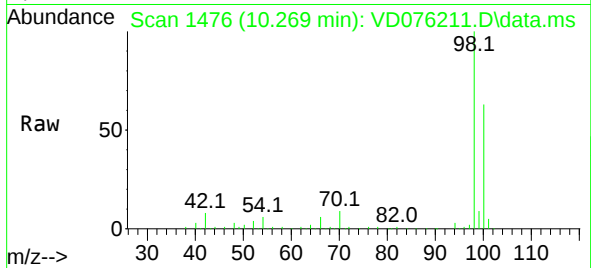




#50
Toluene-d8
Concen: 25.497 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

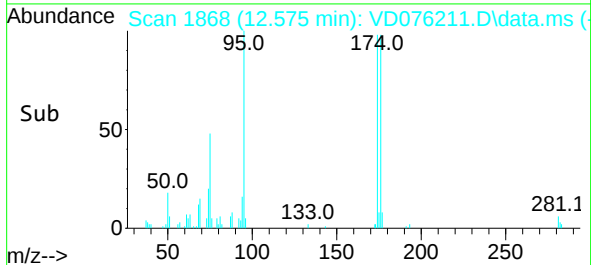
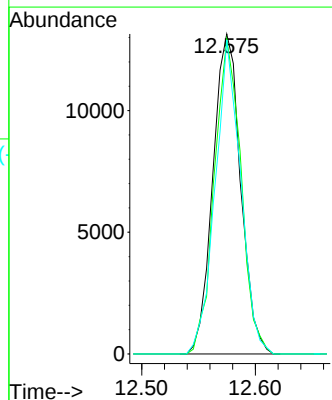
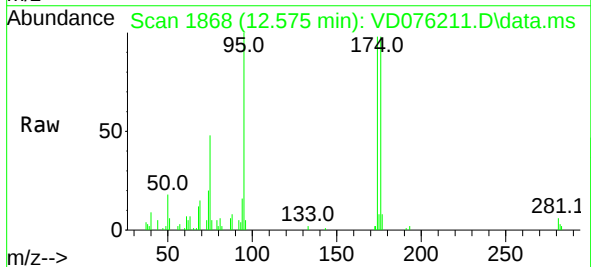
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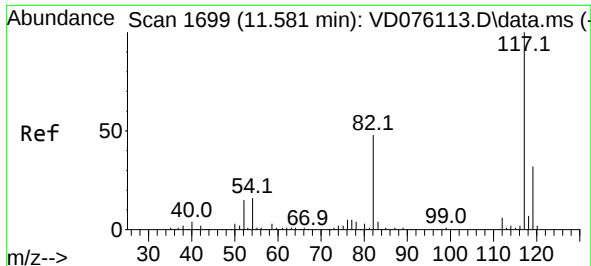
Tgt Ion: 98 Resp: 248658
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#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

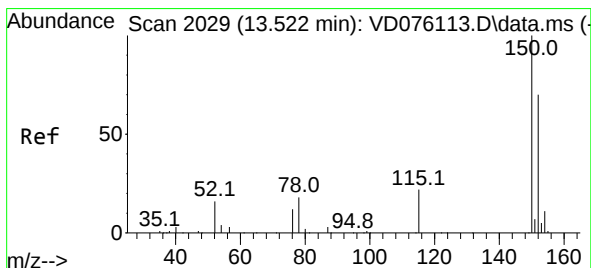
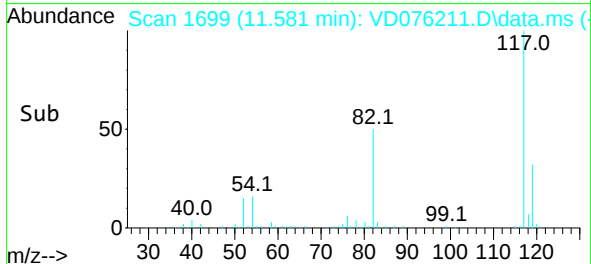
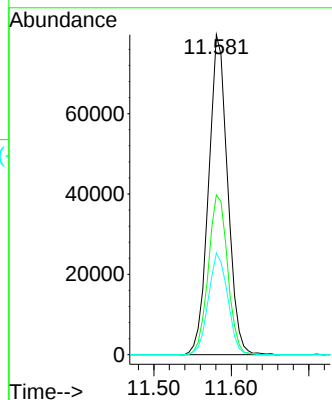
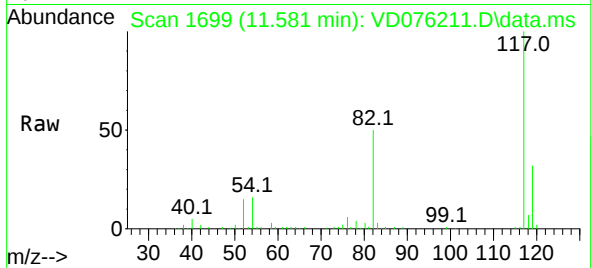




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

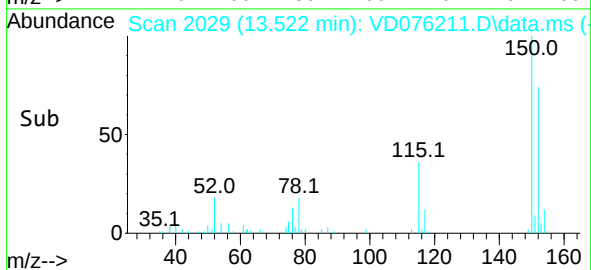
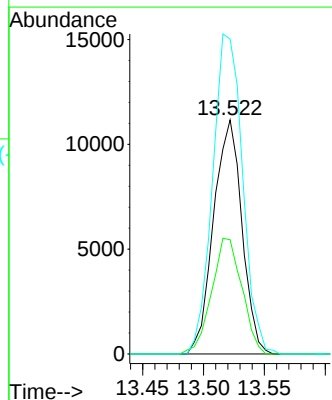
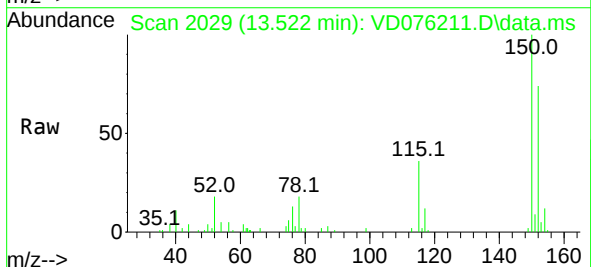
Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

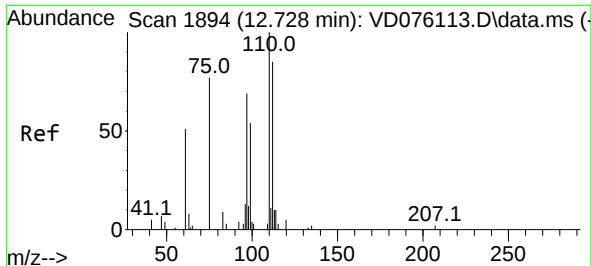
Tgt Ion:117 Resp: 135732
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 31.8 25.1 37.7



#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

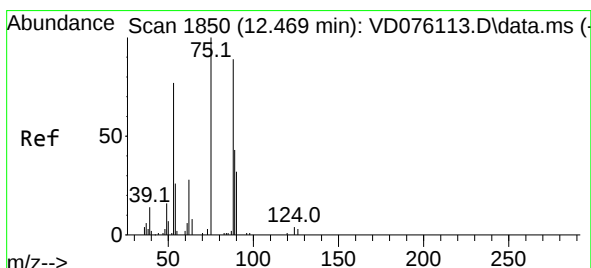
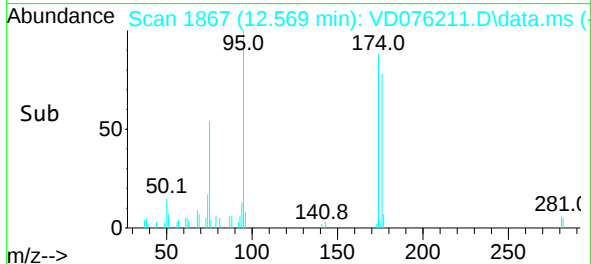
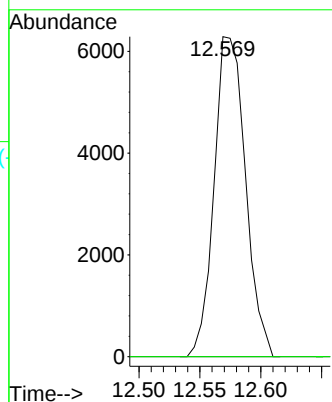
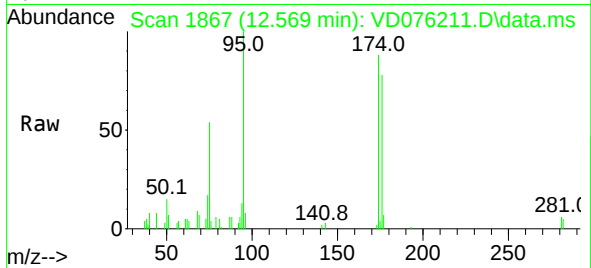




#76
1,2,3-Trichloropropane
Concen: 71.012 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

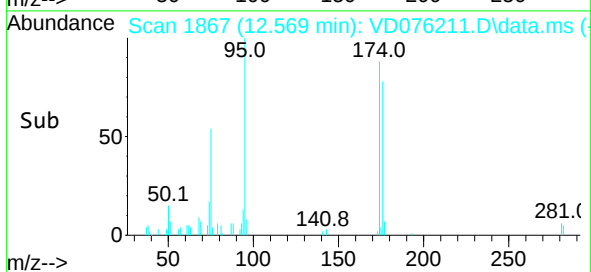
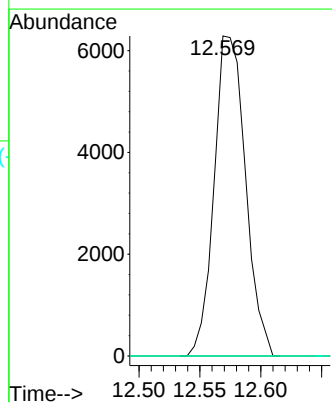
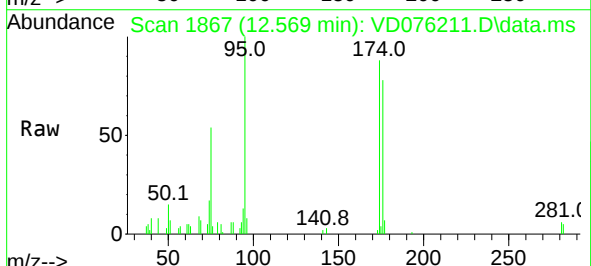
Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

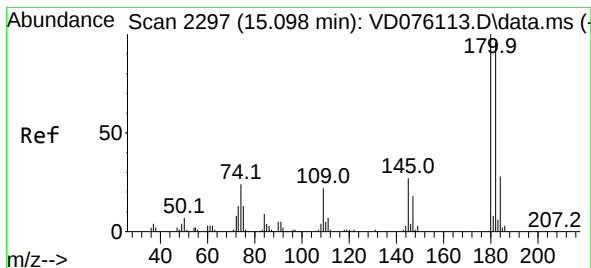
Tgt Ion: 75 Resp: 11252
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 148.972 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.094 min
Lab File: VD076211.D
Acq: 24 May 2023 13:42

Tgt Ion: 75 Resp: 11252
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#93

1,2,4-Trichlorobenzene

Concen: 1.527 ug/l

RT: 15.110 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD076211.D

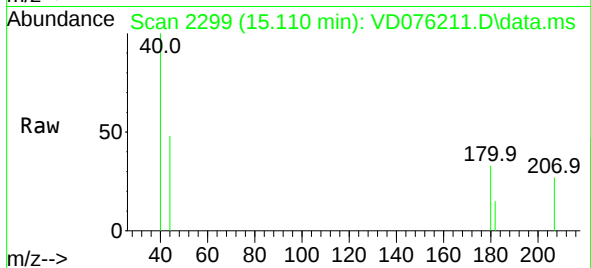
Acq: 24 May 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

ETGI-359



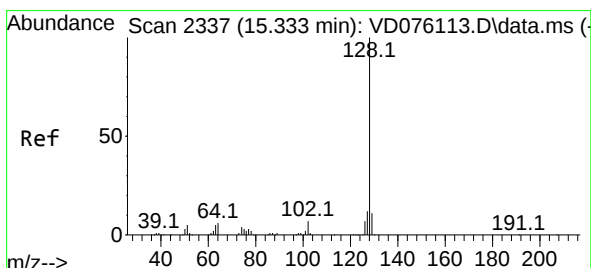
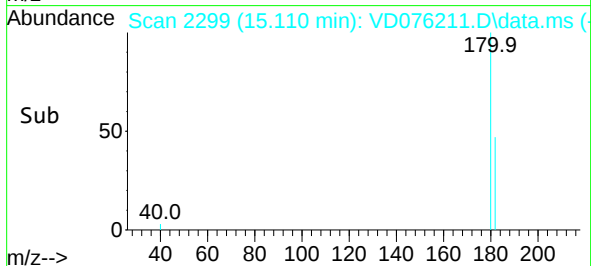
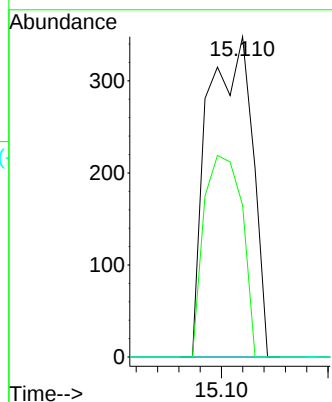
Tgt Ion:180 Resp: 506

Ion Ratio Lower Upper

180 100

182 53.8 47.9 143.7

145 0.0 15.9 47.7#



#95

Naphthalene

Concen: 2.644 ug/l

RT: 15.339 min Scan# 2338

Delta R.T. 0.005 min

Lab File: VD076211.D

Acq: 24 May 2023 13:42

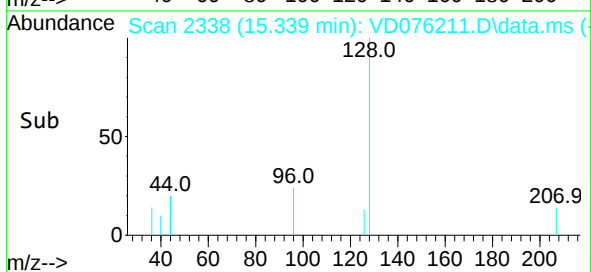
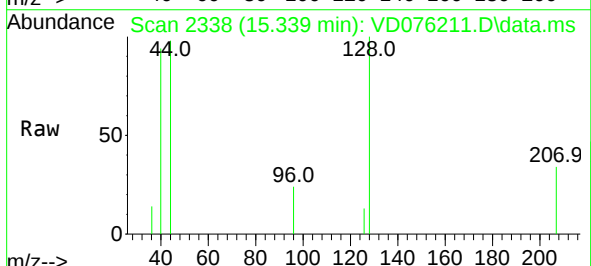
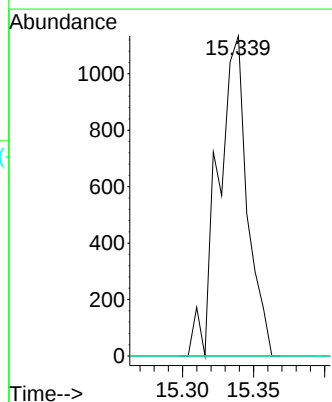
Tgt Ion:128 Resp: 1628

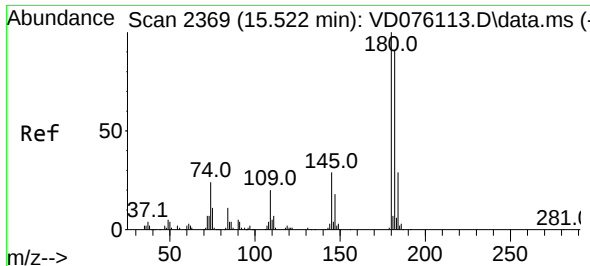
Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.330 ug/l
 RT: 15.528 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076211.D
 Acq: 24 May 2023 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-359

Tgt Ion:180 Resp: 702
 Ion Ratio Lower Upper
 180 100
 182 69.5 47.7 143.1
 145 0.0 16.4 49.4#

