

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075403.D
 Acq On : 22 Feb 2023 17:15
 Operator : KP/SY
 Sample : 01645-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-352

Quant Time: Feb 22 22:39:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

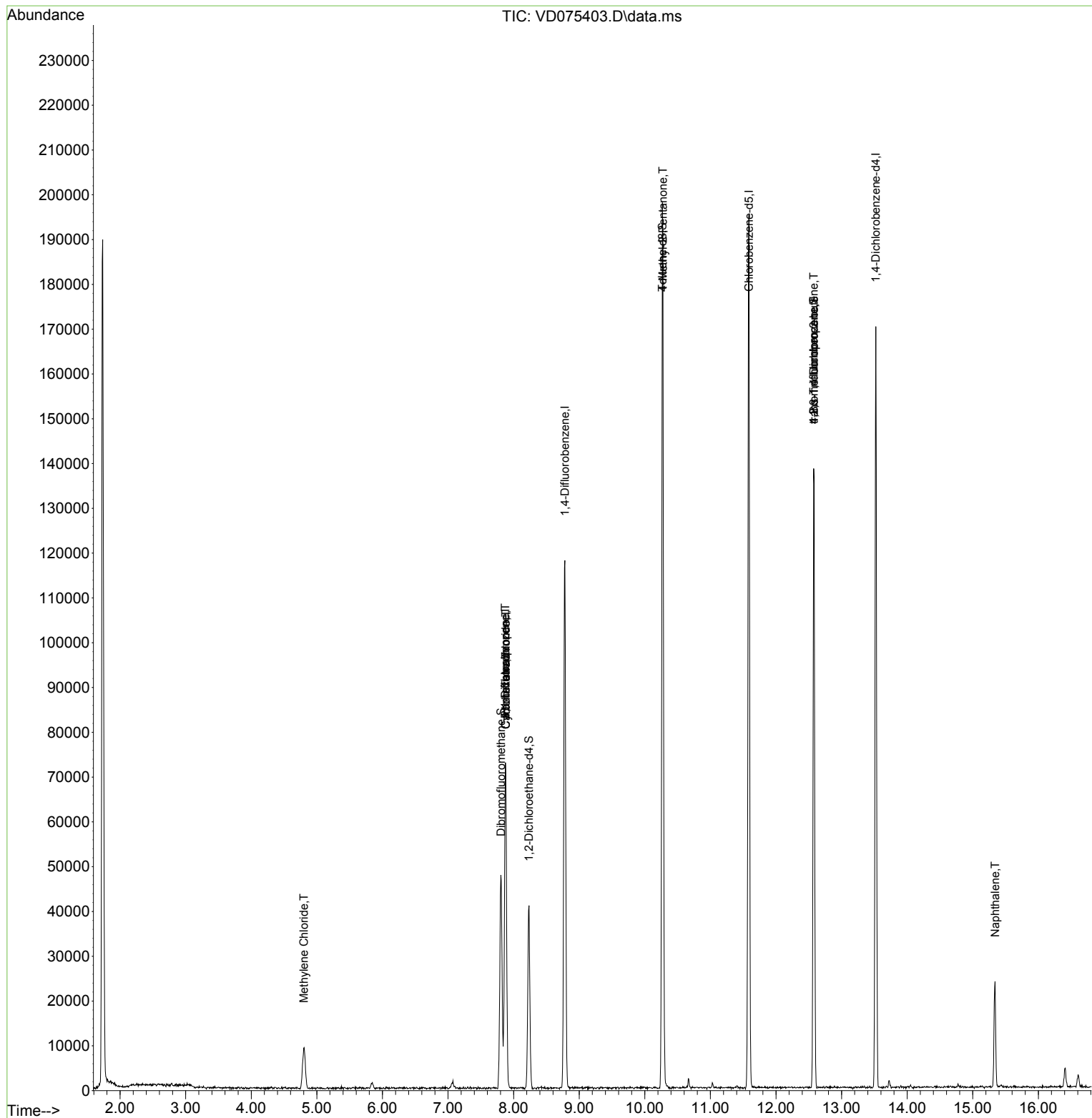
Internal Standards						
1) Pentafluorobenzene	7.875	168	55179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	101867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	103778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31062	66.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.840%	
35) Dibromofluoromethane	7.810	113	33977	56.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.380%	
50) Toluene-d8	10.269	98	129066	59.139	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.280%	
62) 4-Bromofluorobenzene	12.575	95	41696	56.898	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.800%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	6546	3.798	ug/l	96
31) Cyclohexane	7.881	56	1583	1.414	ug/l #	40
36) 1,1-Dichloropropene	7.875	75	4713	4.348	ug/l #	48
38) Carbon Tetrachloride	7.881	117	5742	5.287	ug/l #	13
51) 4-Methyl-2-Pentanone	10.275	43	735	1.821	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	23289	69.869	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	23289	161.438	ug/l #	5
95) Naphthalene	15.339	128	21686	15.839	ug/l	100

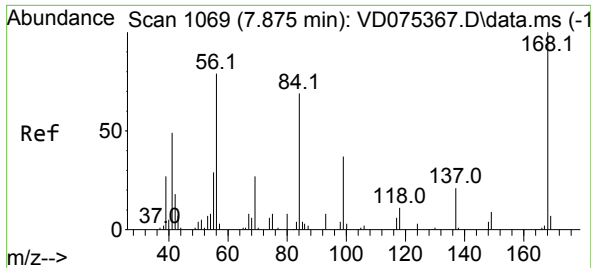
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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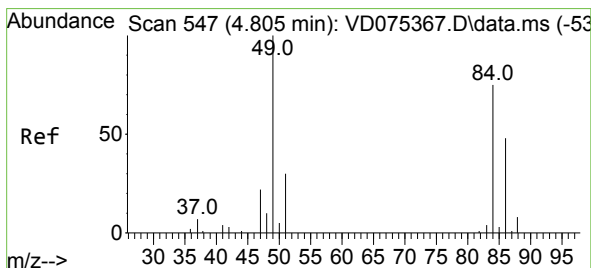
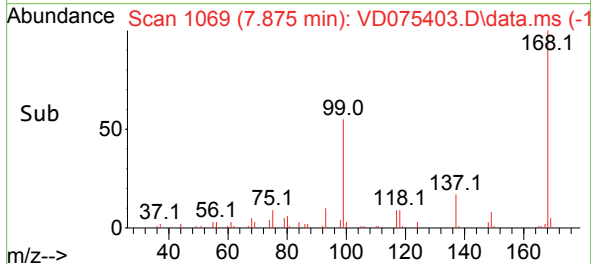
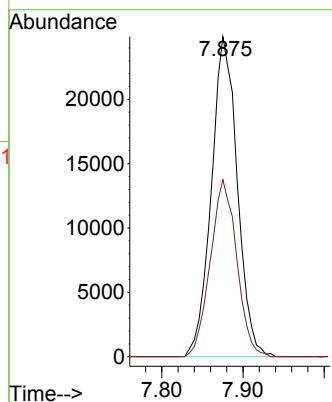
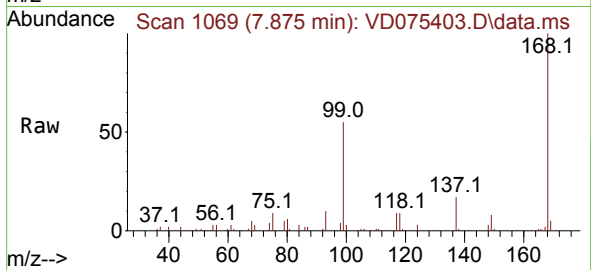




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

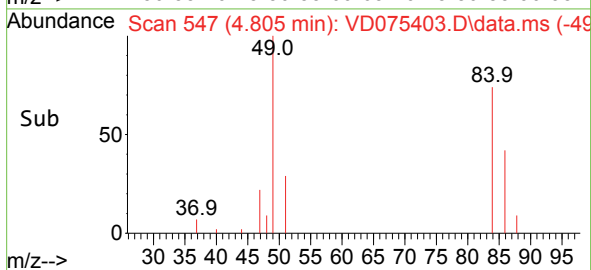
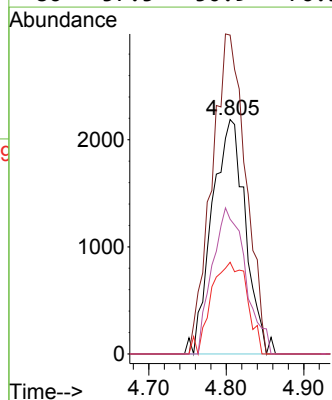
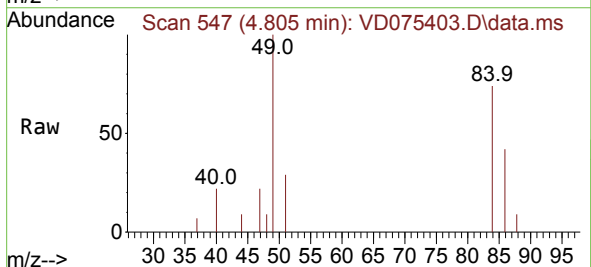
Instrument :
MSVOA_D
ClientSampleId :
ETGI-352

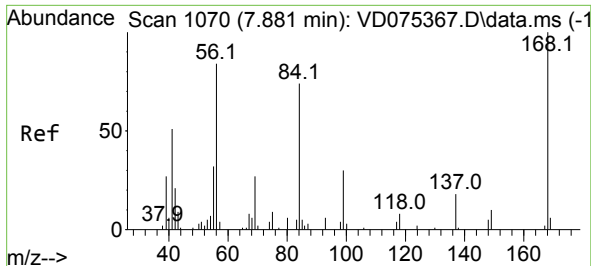
Tgt Ion:168 Resp: 55179
Ion Ratio Lower Upper
168 100
99 55.3 43.8 65.6



#20
Methylene Chloride
Concen: 3.798 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

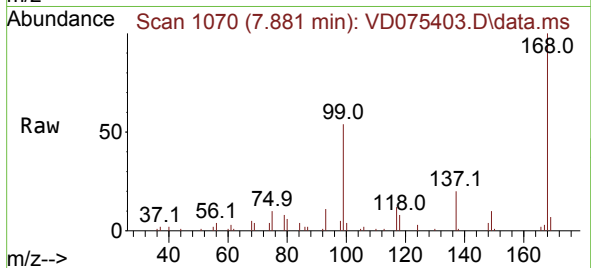
Tgt Ion: 84 Resp: 6546
Ion Ratio Lower Upper
84 100
49 136.0 106.4 159.6
51 39.1 32.4 48.6
86 57.5 50.9 76.3



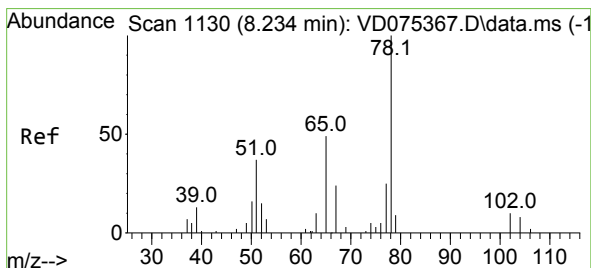
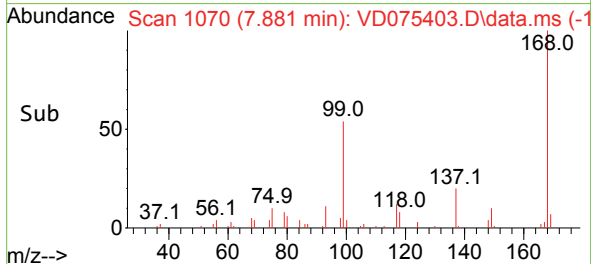
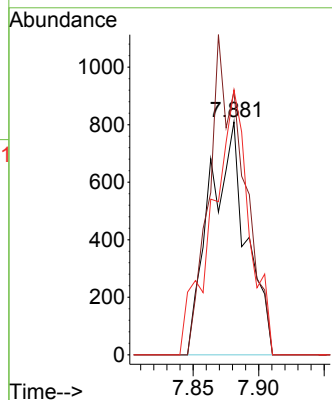


#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

Instrument :
MSVOA_D
ClientSampleId :
ETGI-352

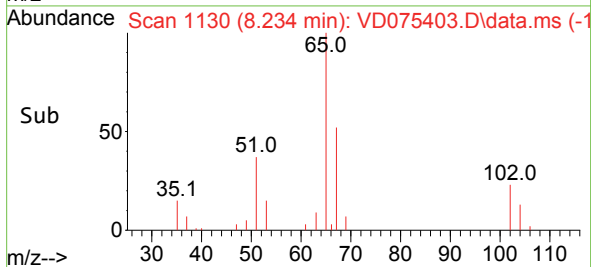
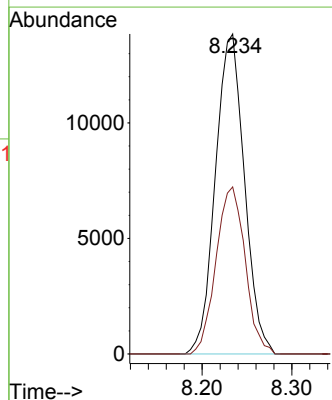
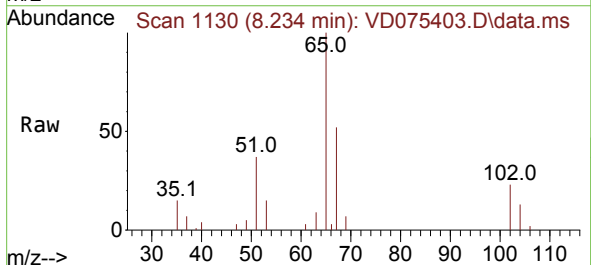


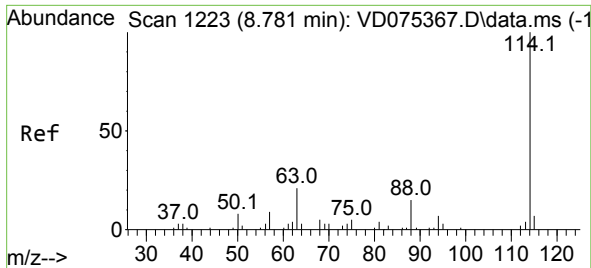
Tgt Ion: 56 Resp: 1583
Ion Ratio Lower Upper
56 100
69 113.1 25.5 38.3#
84 113.7 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 66.421 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

Tgt Ion: 65 Resp: 31062
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.2

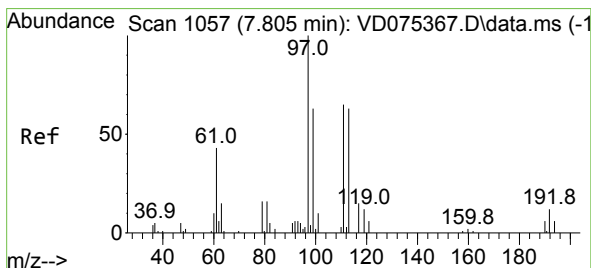
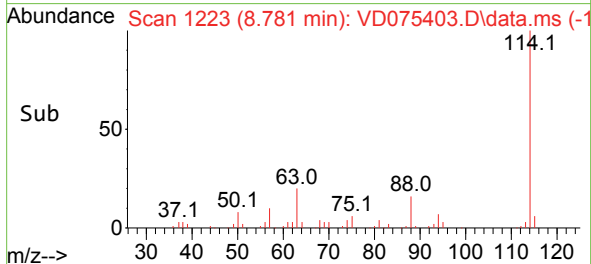
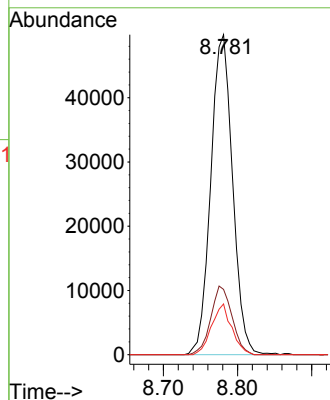
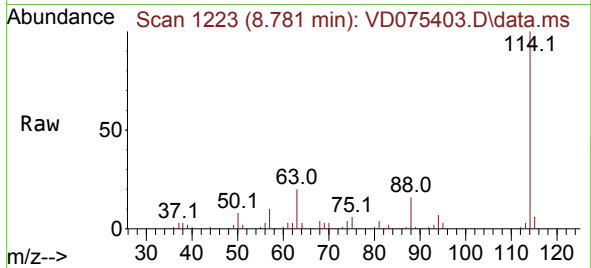




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

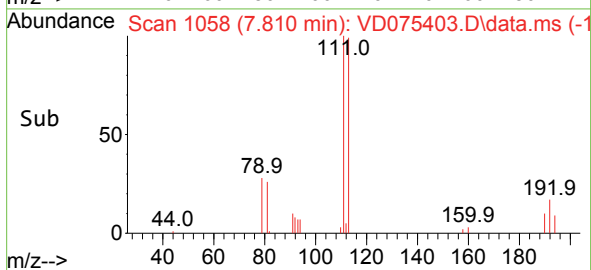
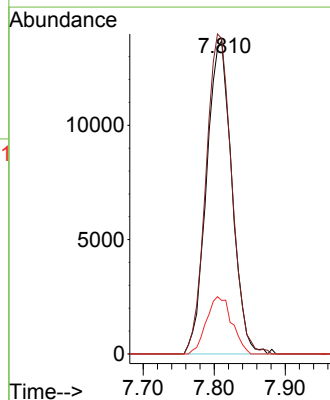
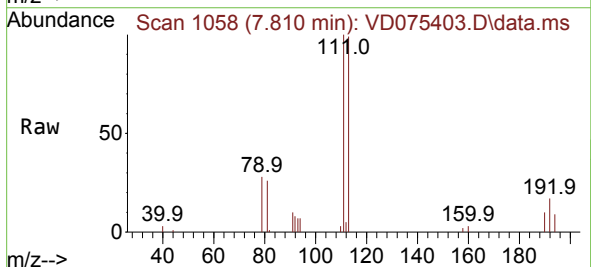
Instrument :
MSVOA_D
ClientSampleId :
ETGI-352

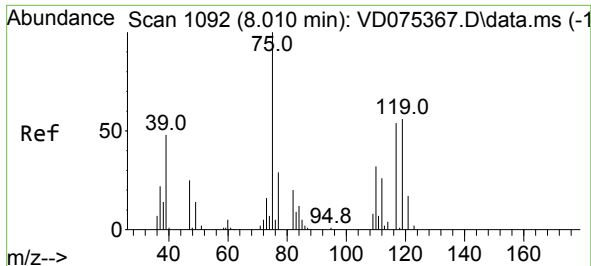
Tgt Ion:114 Resp: 101867
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.6
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.186 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

Tgt Ion:113 Resp: 33977
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 18.4 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.348 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075403.D

Acq: 22 Feb 2023 17:15

Instrument :

MSVOA_D

ClientSampleId :

ETGI-352

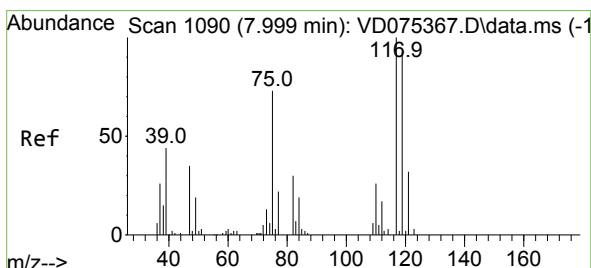
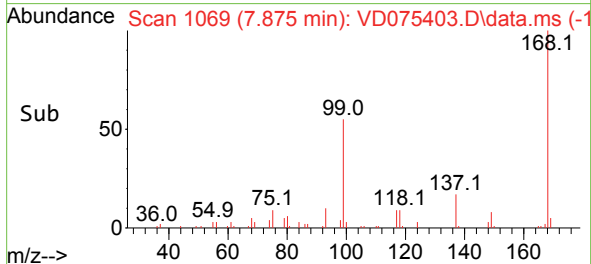
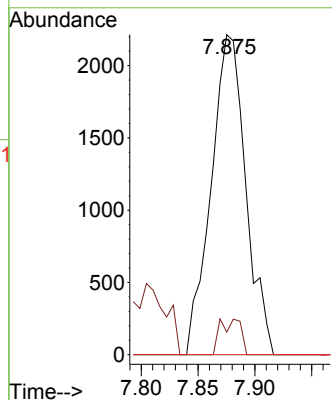
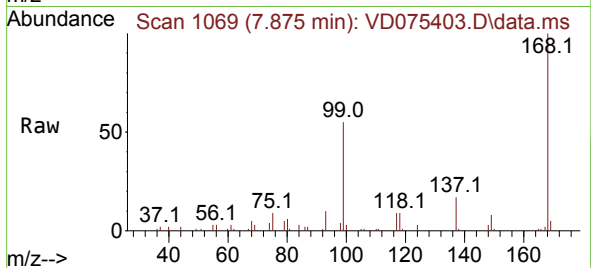
Tgt Ion: 75 Resp: 4713

Ion Ratio Lower Upper

75 100

110 6.6 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.287 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.118 min

Lab File: VD075403.D

Acq: 22 Feb 2023 17:15

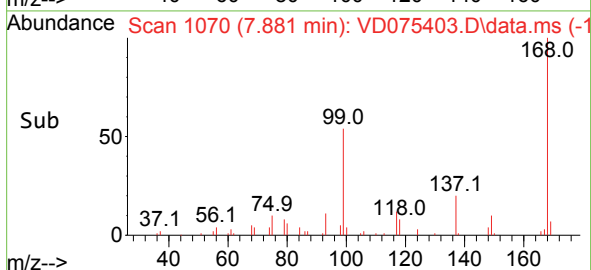
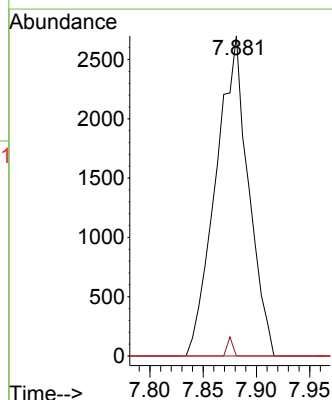
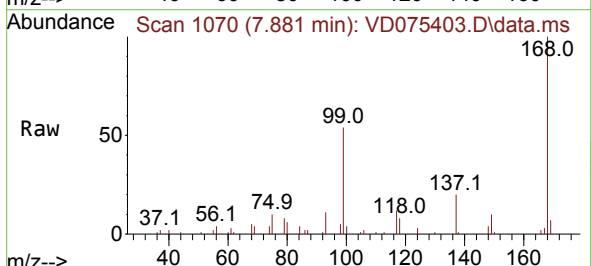
Tgt Ion: 117 Resp: 5742

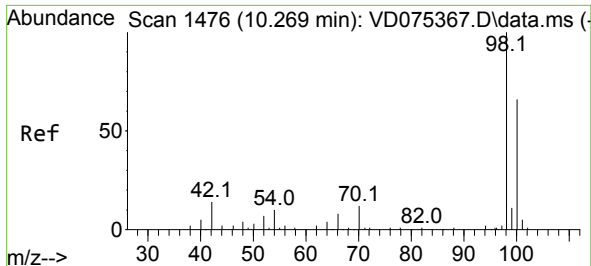
Ion Ratio Lower Upper

117 100

119 0.0 74.7 112.1#

121 0.0 25.9 38.9#

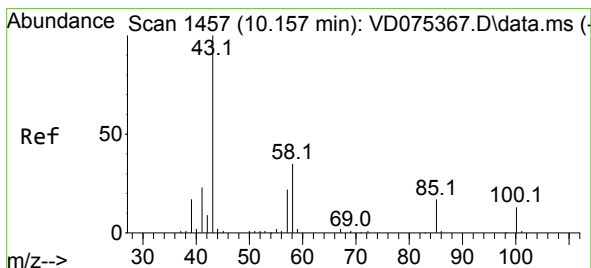
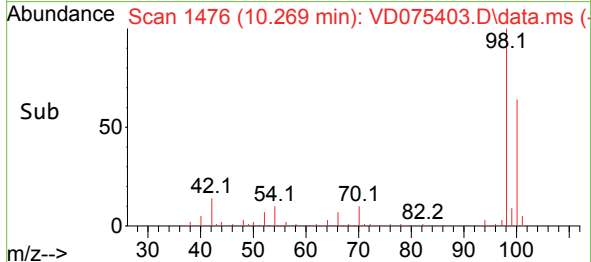
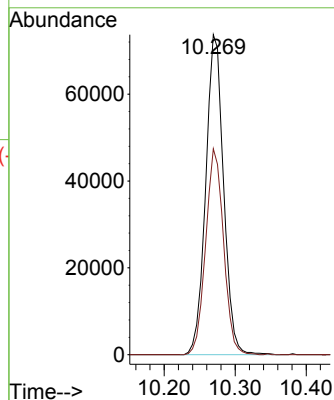
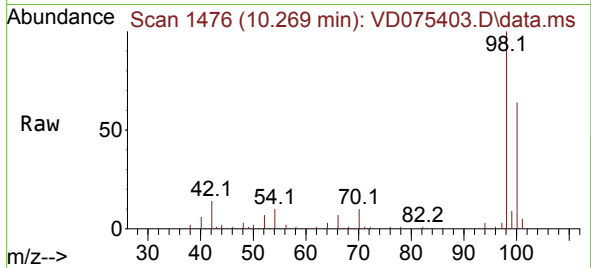




#50
Toluene-d8
Concen: 59.139 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

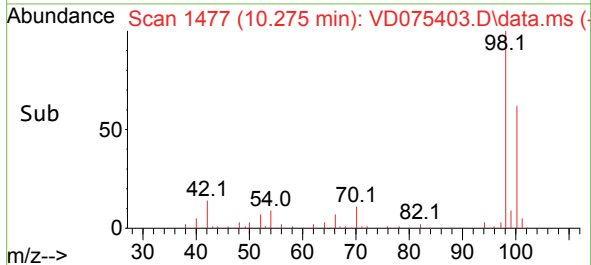
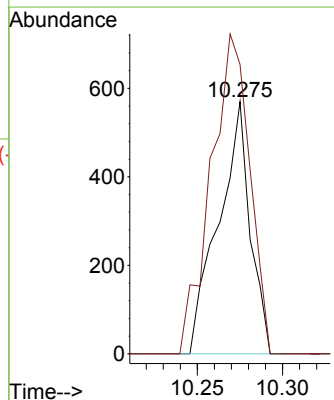
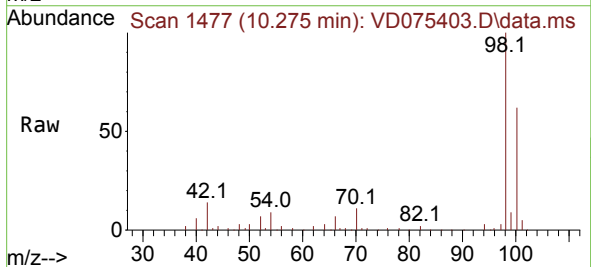
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ETGI-352

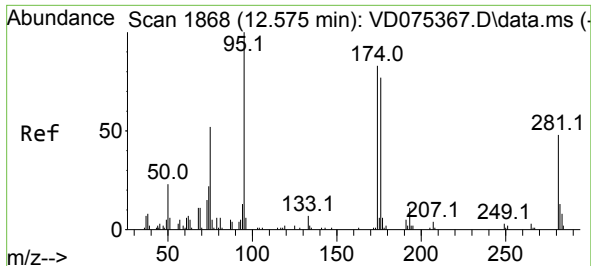
Tgt Ion: 98 Resp: 129066
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.821 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
58 155.6 29.5 44.3#

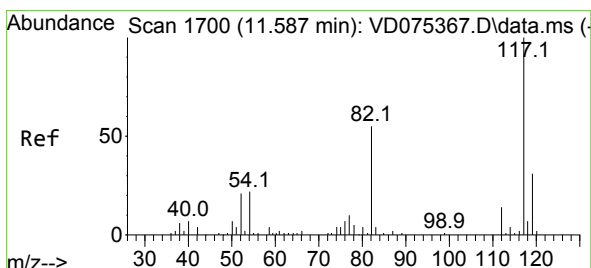
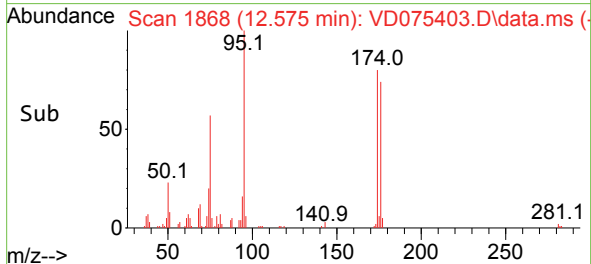
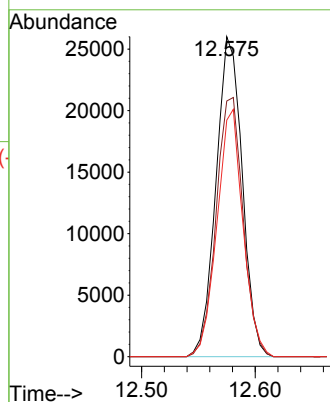
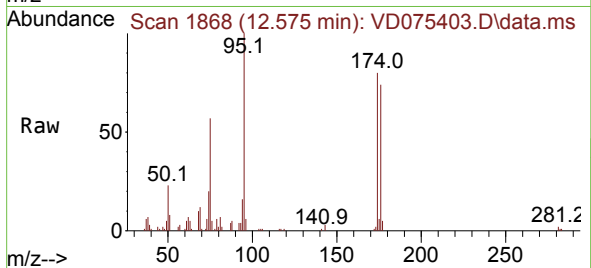




#62
4-Bromofluorobenzene
Concen: 56.898 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

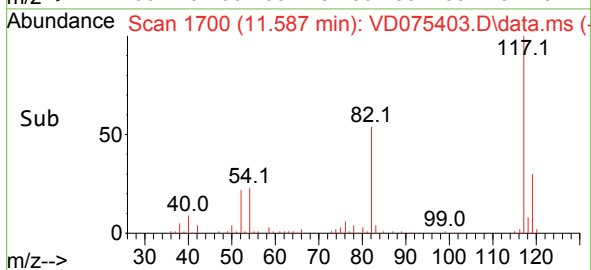
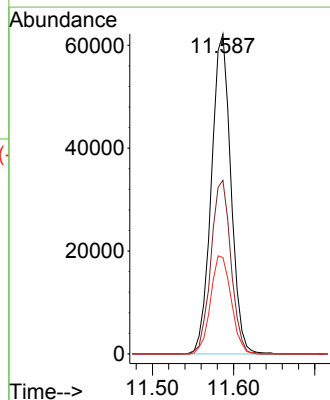
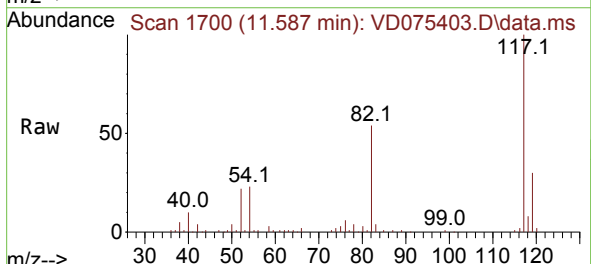
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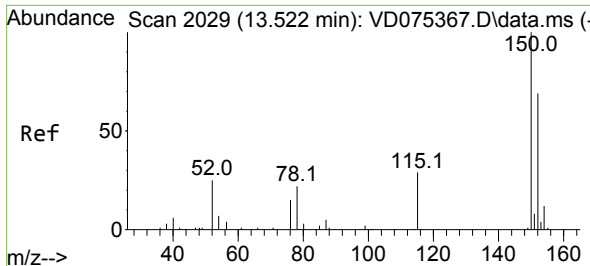
Tgt Ion: 95 Resp: 41696
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 76.9 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

Tgt Ion: 117 Resp: 103778
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 30.1 25.1 37.7

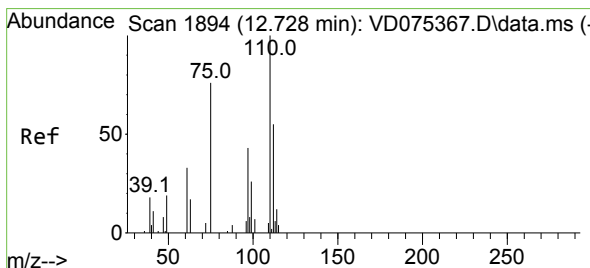
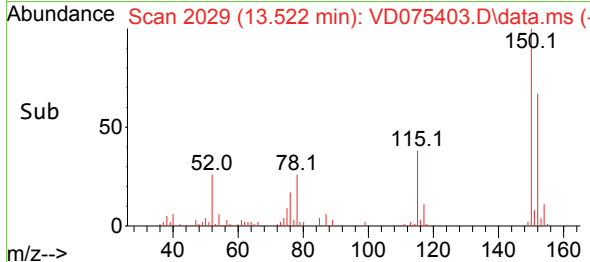
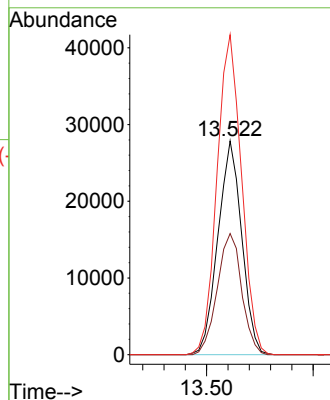
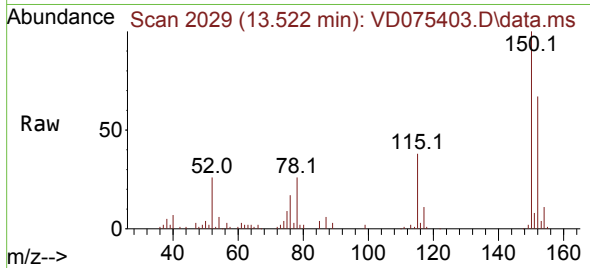




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075403.D
 Acq: 22 Feb 2023 17:15

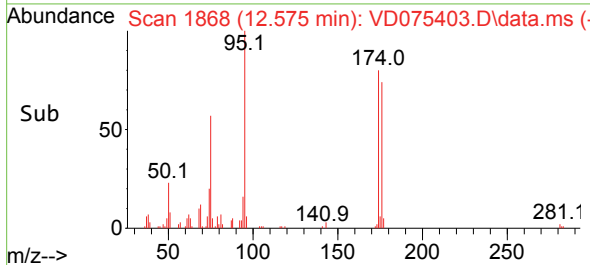
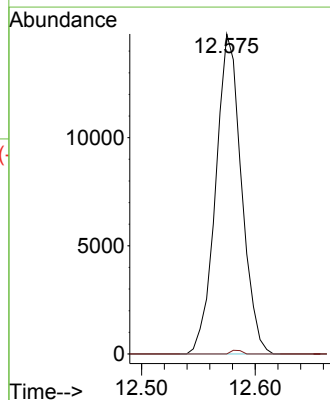
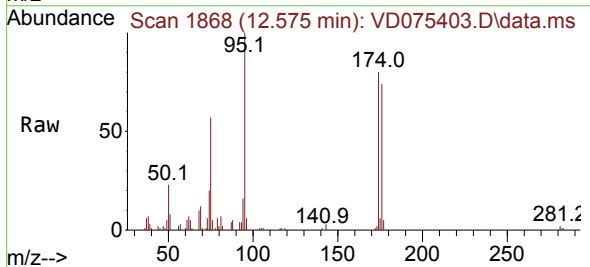
Instrument :
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 ETGI-352

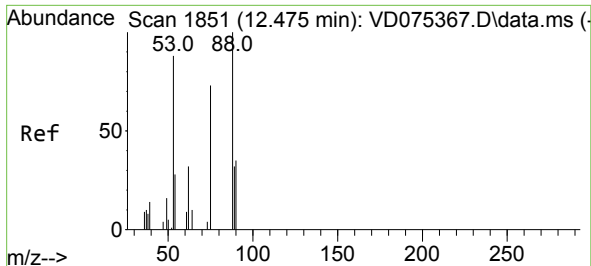
Tgt Ion:152 Resp: 43245
 Ion Ratio Lower Upper
 152 100
 115 58.1 30.1 90.3
 150 153.7 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 69.869 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075403.D
 Acq: 22 Feb 2023 17:15

Tgt Ion: 75 Resp: 23289
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

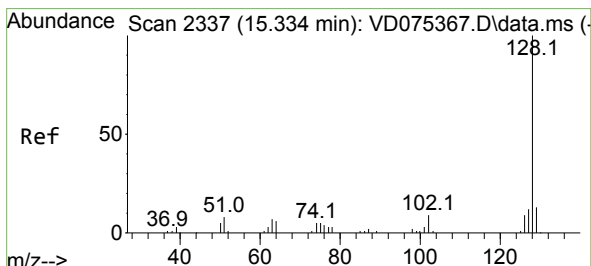
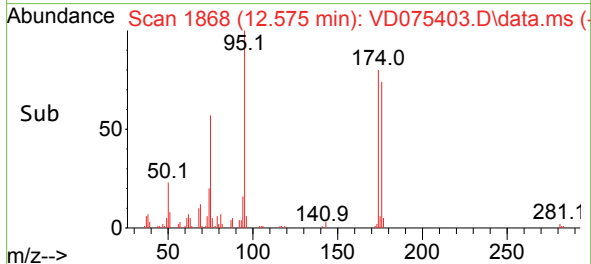
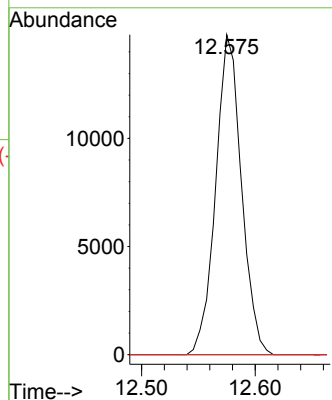
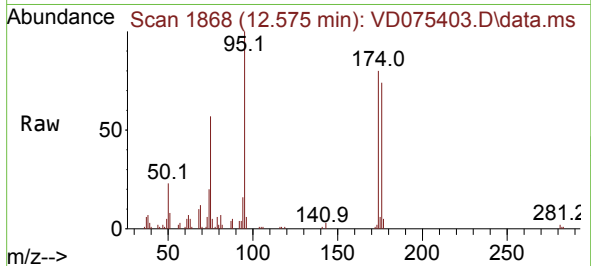




#81
trans-1,4-Dichloro-2-butene
Concen: 161.438 ug/l
RT: 12.575 min Scan# 1851
Delta R.T. 0.100 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

Instrument :
MSVOA_D
ClientSampleId :
ETGI-352

Tgt Ion: 75 Resp: 23289
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#95
Naphthalene
Concen: 15.839 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.005 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

Tgt Ion:128 Resp: 21686
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.8 13.2

