

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023407.D
 Acq On : 23 Jul 2021 05:12
 Operator : JC/MD
 Sample : M3128-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-358

Quant Time: Jul 23 08:09:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

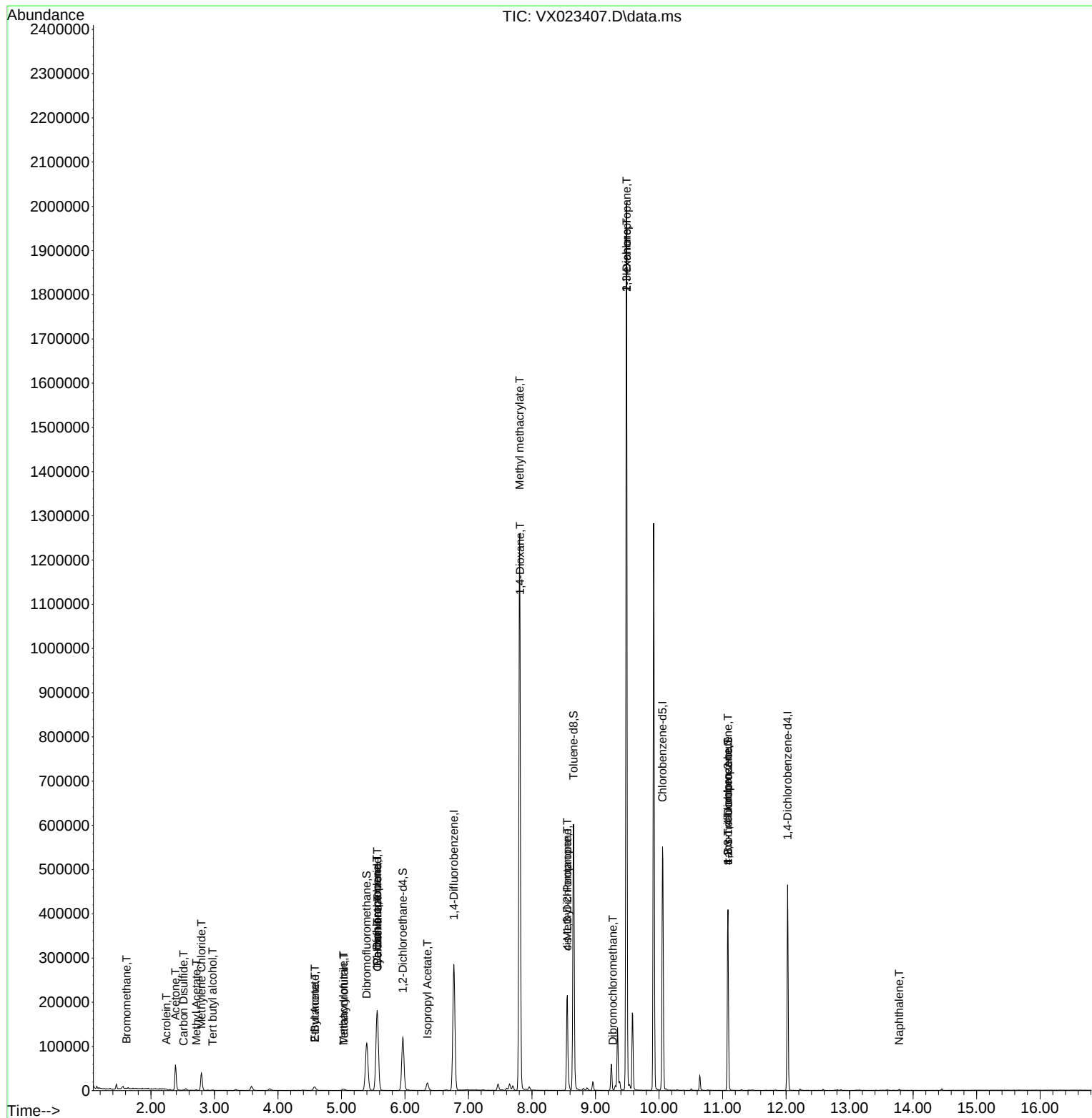
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	174813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	291792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112879	51.764	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.520%	
35) Dibromofluoromethane	5.397	113	92223	50.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.100%	
50) Toluene-d8	8.653	98	348700	52.022	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.040%	
62) 4-Bromofluorobenzene	11.085	95	103183	45.270	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.540%	
Target Compounds						Qvalue
5) Bromomethane	1.618	94	582	0.517	ug/l #	46
11) Tert butyl alcohol	2.971	59	1095	2.198	ug/l #	91
13) Acrolein	2.239	56	178	2.063	ug/l #	1
16) Acetone	2.386	43	58782	54.952	ug/l	92
17) Carbon Disulfide	2.514	76	1019	0.241	ug/l #	75
18) Methyl Acetate	2.715	43	1786	0.702	ug/l #	81
20) Methylene Chloride	2.794	84	17426	8.375	ug/l	93
25) 2-Butanone	4.580	43	15457	9.308	ug/l	95
29) Tetrahydrofuran	5.038	42	2934	2.695	ug/l #	86
31) Cyclohexane	5.568	56	3814	1.181	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13159	4.985	ug/l #	49
37) Ethyl Acetate	4.580	43	15457	4.644	ug/l #	64
38) Carbon Tetrachloride	5.562	117	17420	6.489	ug/l #	16
41) Methacrylonitrile	5.032	41	1963	1.117	ug/l #	40
43) Isopropyl Acetate	6.355	43	23213	4.501	ug/l	93
48) Methyl methacrylate	7.806	41	108841	45.571	ug/l #	37
49) 1,4-Dioxane	7.812	88	144	2.831	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	77216	24.480	ug/l #	47
54) cis-1,3-Dichloropropene	8.555	75	33351	10.571	ug/l #	67
57) 1,3-Dichloropropane	9.488	76	16525	4.953	ug/l #	43
59) 2-Hexanone	9.488	43	233789	97.603	ug/l #	44
60) Dibromochloromethane	9.275	129	41	2.001	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	53283	27.001	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53283	72.604	ug/l #	12
95) Naphthalene	13.780	128	1670	0.264	ug/l	96

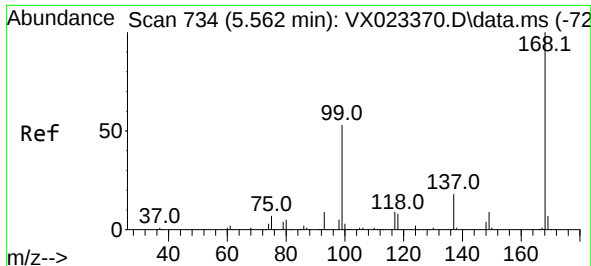
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

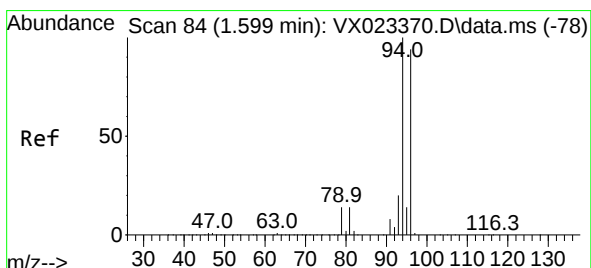
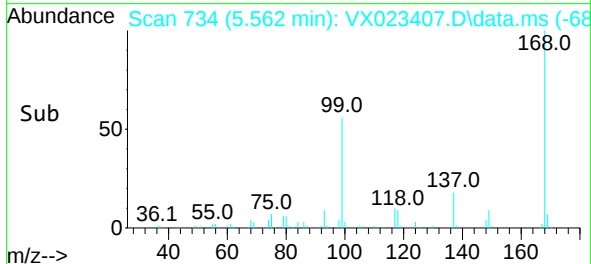
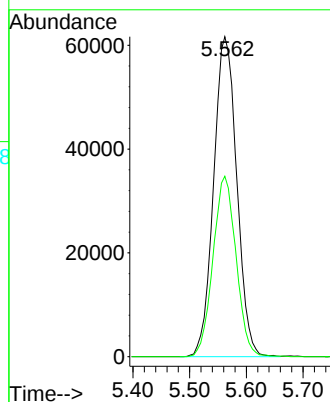
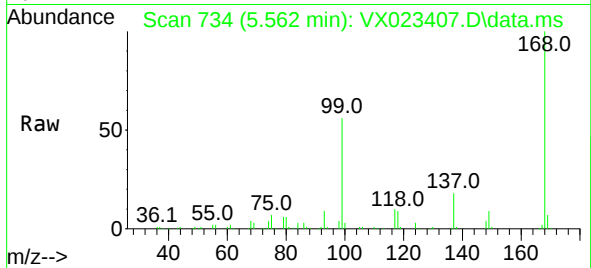




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

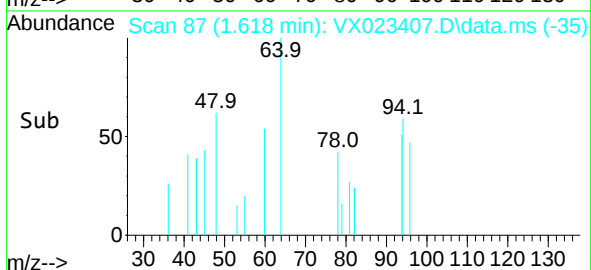
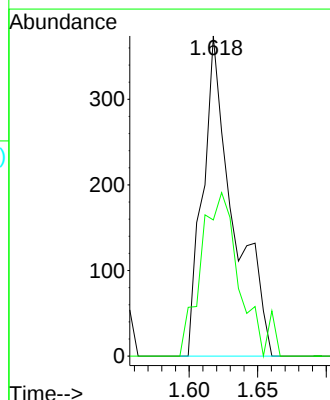
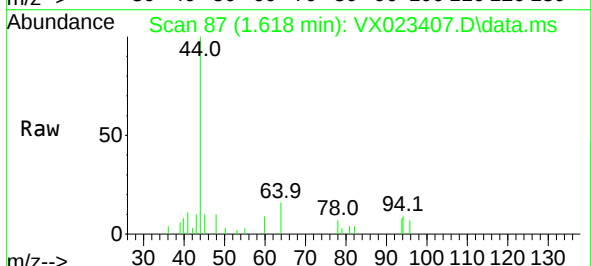
Instrument :
MSVOA_X
ClientSampleId :
ETGI-358

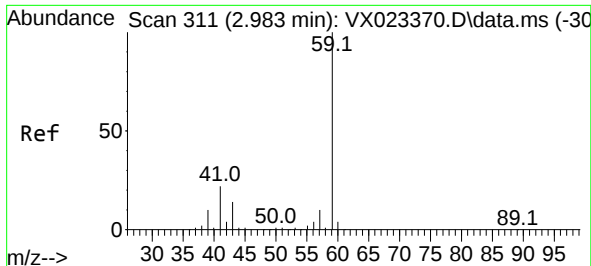
Tgt Ion:168 Resp: 174813
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#5
Bromomethane
Concen: 0.517 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

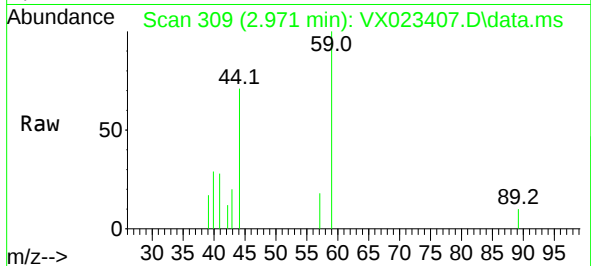
Tgt Ion: 94 Resp: 582
Ion Ratio Lower Upper
94 100
96 42.5 76.4 114.6#



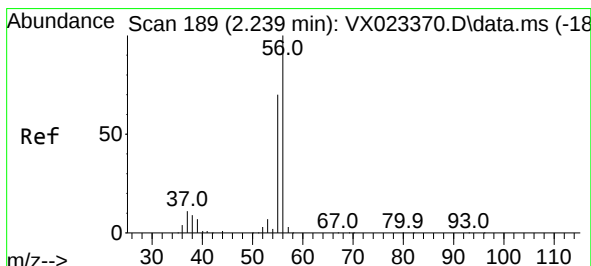
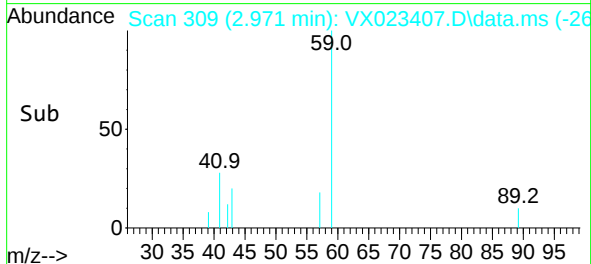
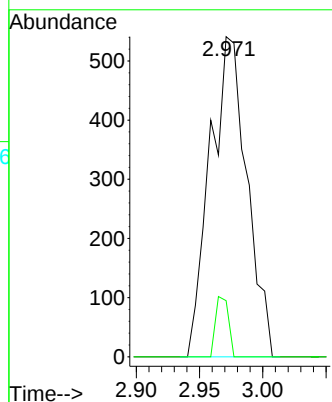


#11
Tert butyl alcohol
Concen: 2.198 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Instrument :
MSVOA_X
ClientSampleId :
ETGI-358

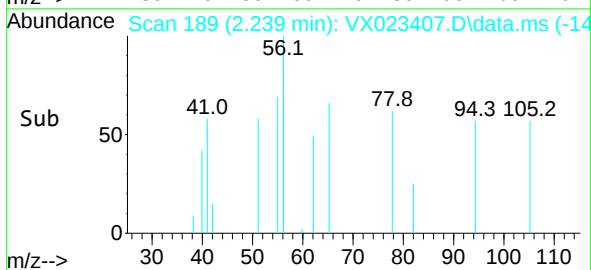
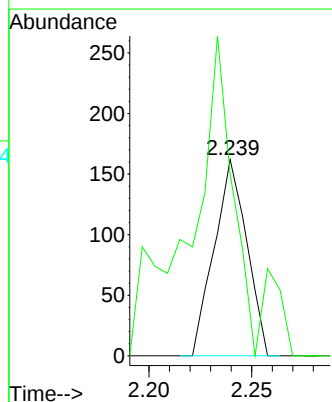
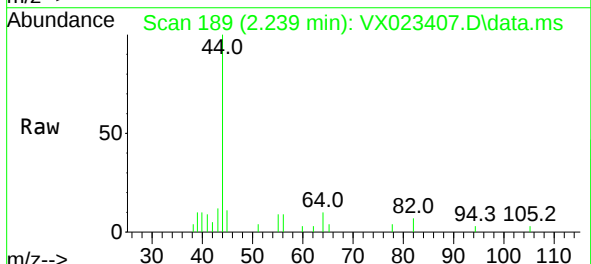


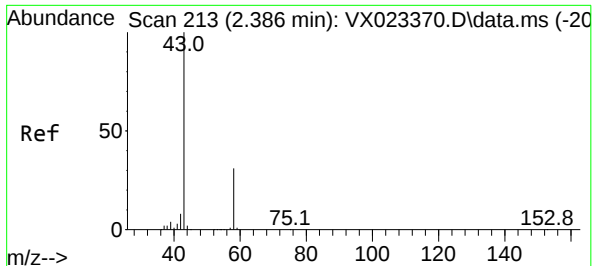
Tgt Ion: 59 Resp: 1095
Ion Ratio Lower Upper
59 100
57 6.6 7.8 11.8#



#13
Acrolein
Concen: 2.063 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion: 56 Resp: 178
Ion Ratio Lower Upper
56 100
55 216.9 56.4 84.6#

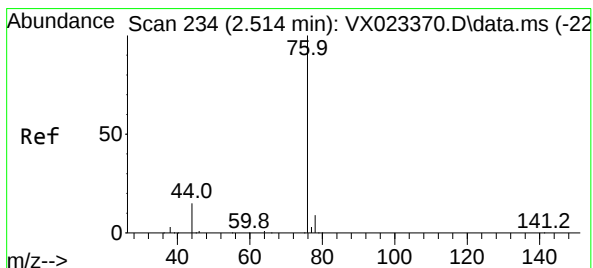
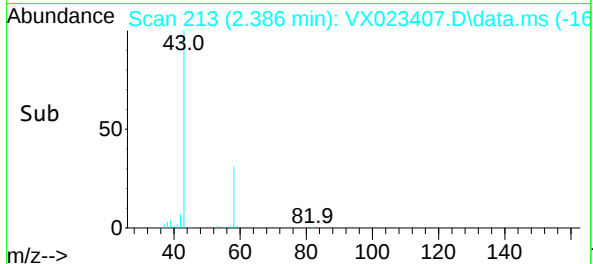
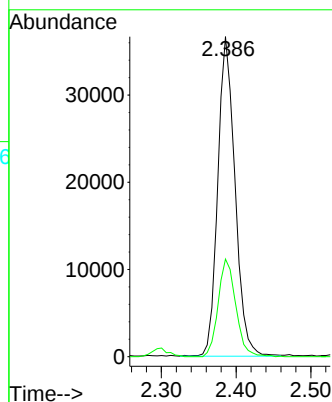
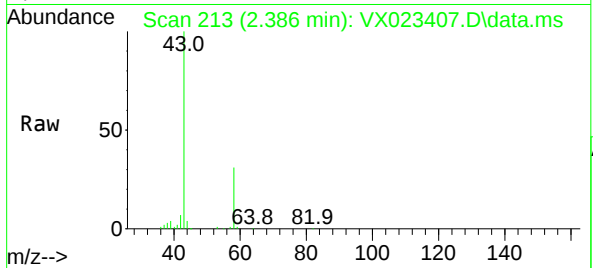




#16
Acetone
Concen: 54.952 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

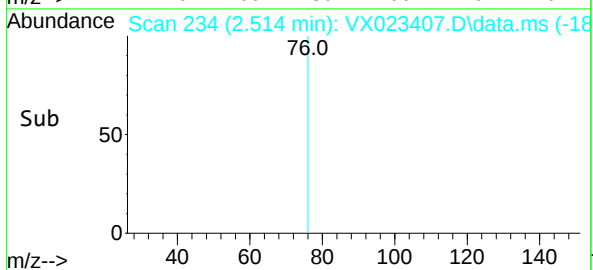
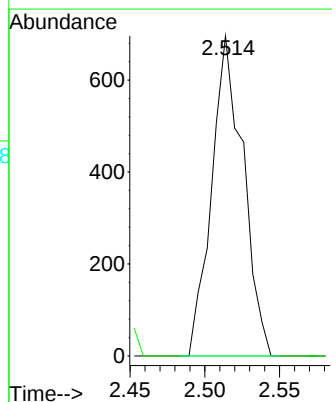
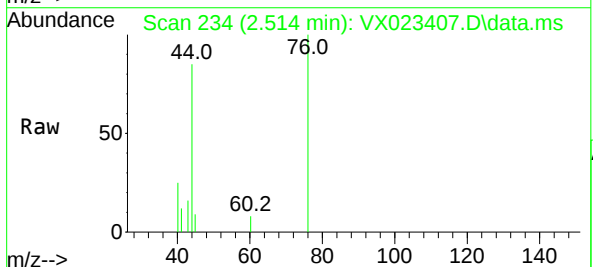
Instrument :
MSVOA_X
ClientSampleId :
ETGI-358

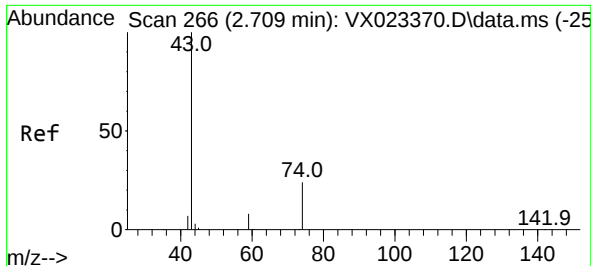
Tgt Ion: 43 Resp: 58782
Ion Ratio Lower Upper
43 100
58 30.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion: 76 Resp: 1019
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

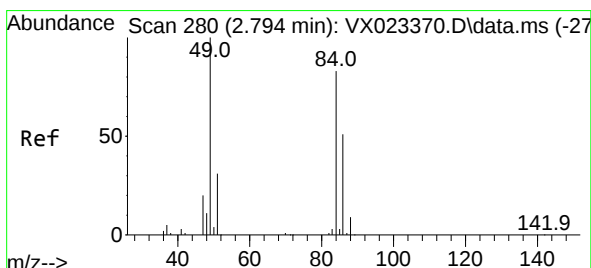
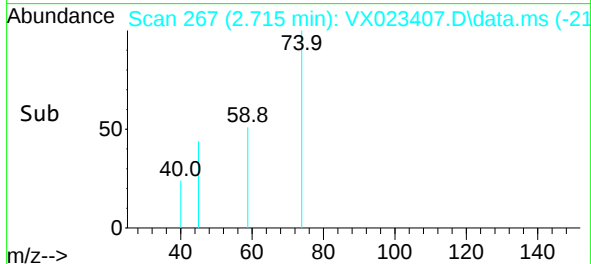
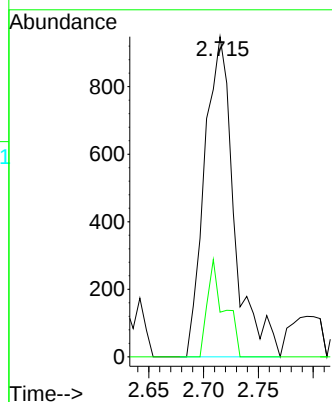
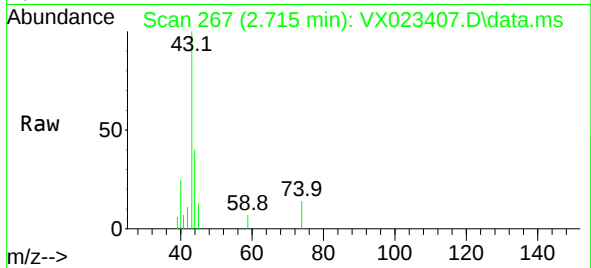




#18
Methyl Acetate
Concen: 0.702 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

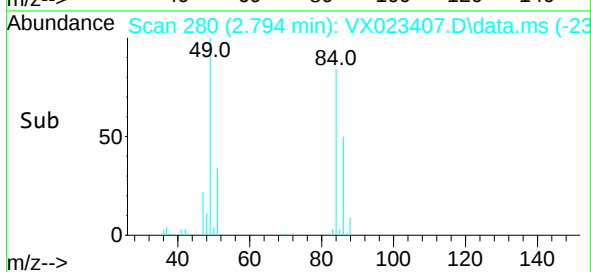
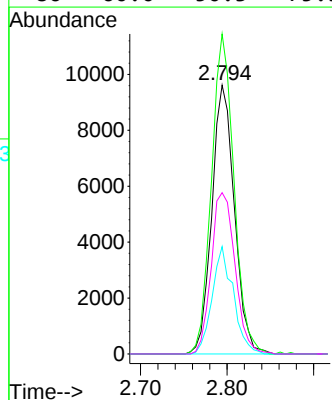
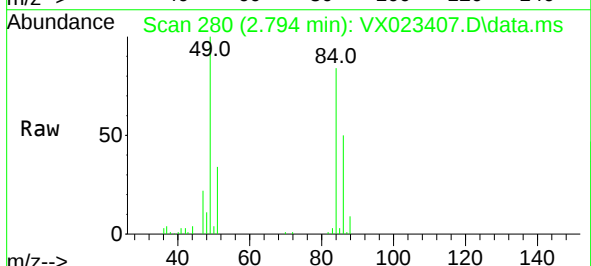
Instrument :
MSVOA_X
ClientSampleId :
ETGI-358

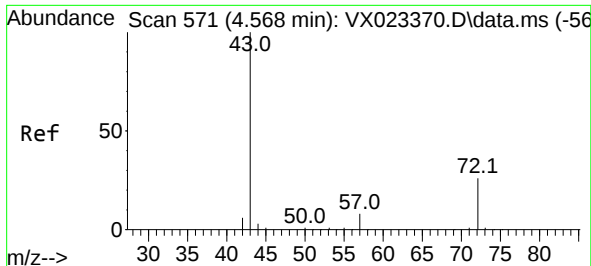
Tgt Ion: 43 Resp: 1786
Ion Ratio Lower Upper
43 100
74 17.4 21.9 32.9#



#20
Methylene Chloride
Concen: 8.375 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion: 84 Resp: 17426
Ion Ratio Lower Upper
84 100
49 119.1 88.6 132.8
51 39.9 27.0 40.6
86 60.0 50.3 75.5

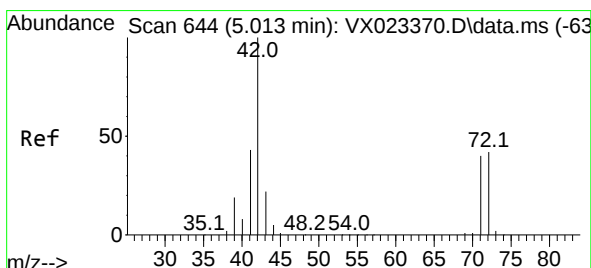
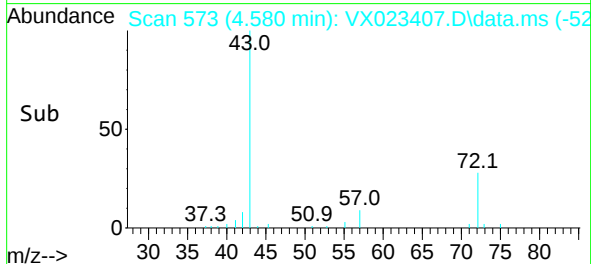
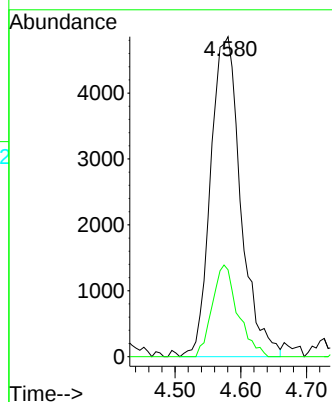
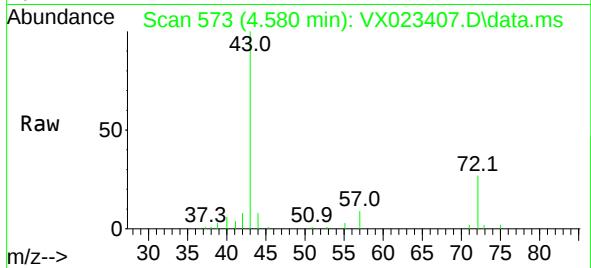




#25
2-Butanone
Concen: 9.308 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

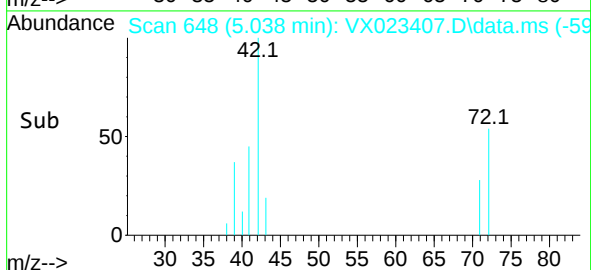
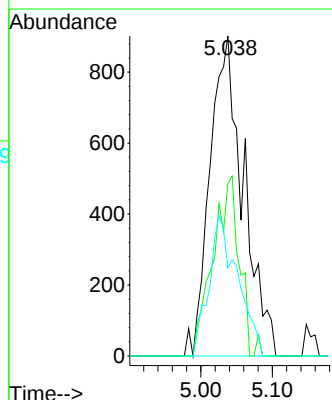
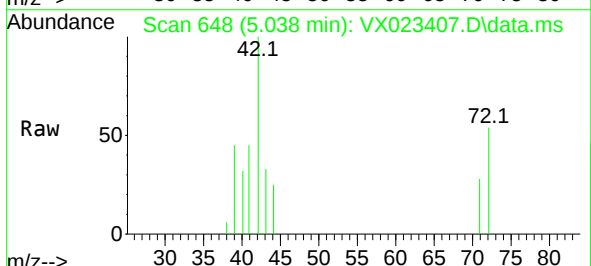
Instrument :
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ClientSampled :
ETGI-358

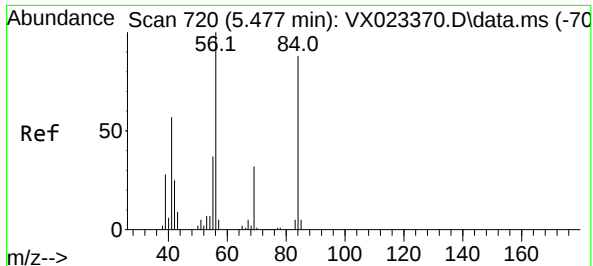
Tgt Ion: 43 Resp: 15457
Ion Ratio Lower Upper
43 100
72 27.1 23.7 35.5



#29
Tetrahydrofuran
Concen: 2.695 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion: 42 Resp: 2934
Ion Ratio Lower Upper
42 100
72 43.4 41.7 62.5
71 37.5 38.4 57.6#

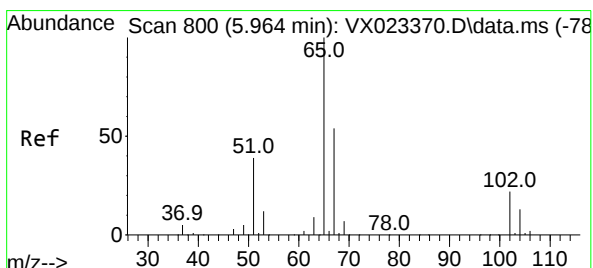
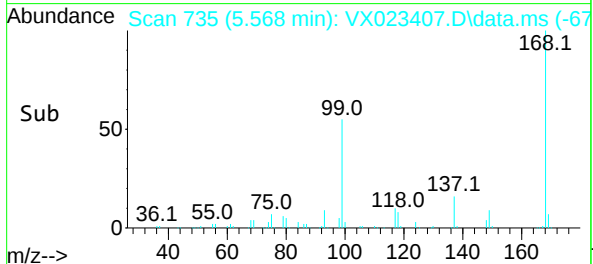
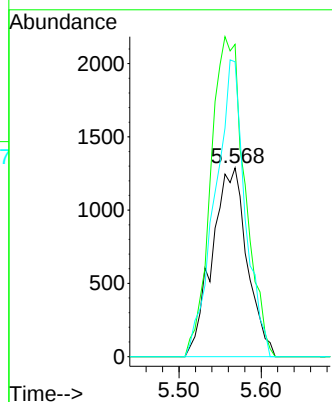
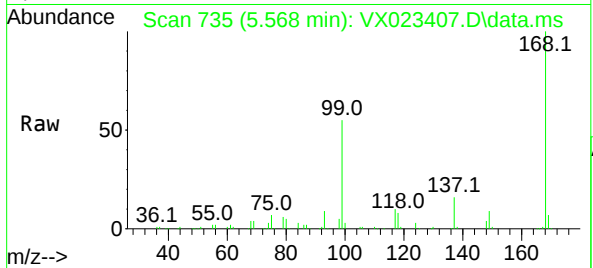




#31
Cyclohexane
Concen: 1.181 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

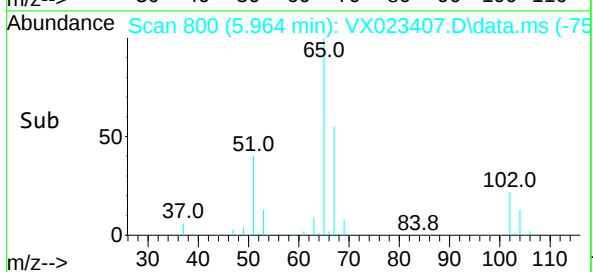
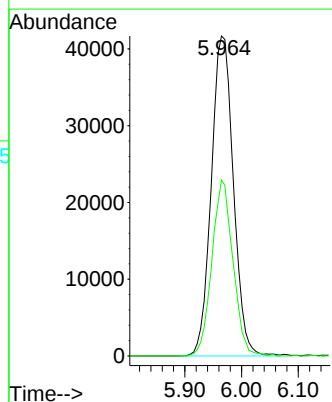
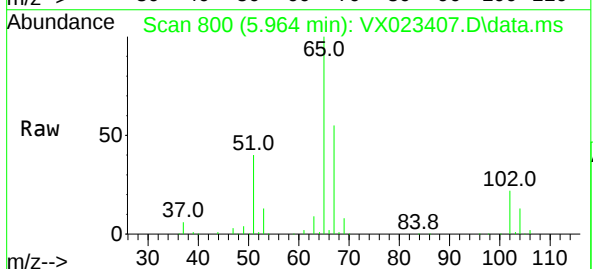
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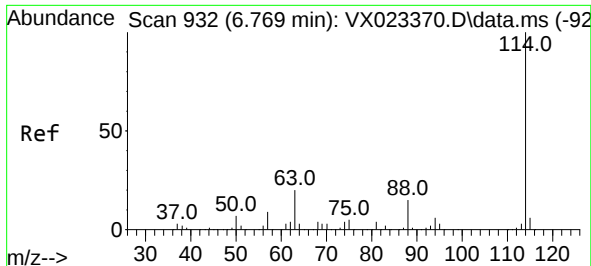
Tgt Ion: 56 Resp: 3814
Ion Ratio Lower Upper
56 100
69 165.5 25.3 37.9#
84 156.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.764 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion: 65 Resp: 112879
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

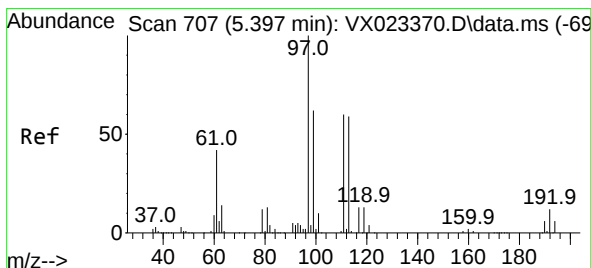
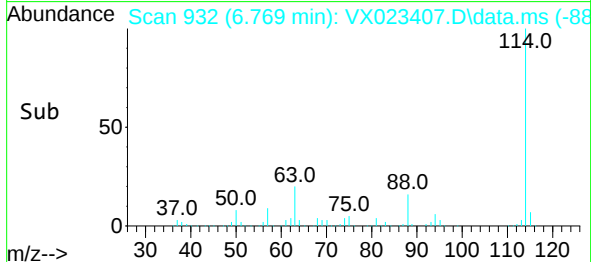
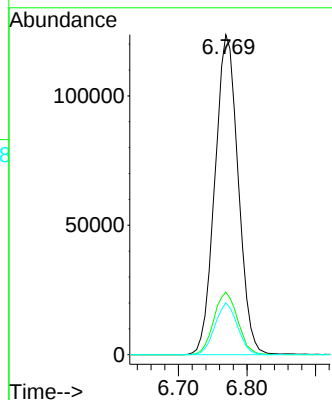
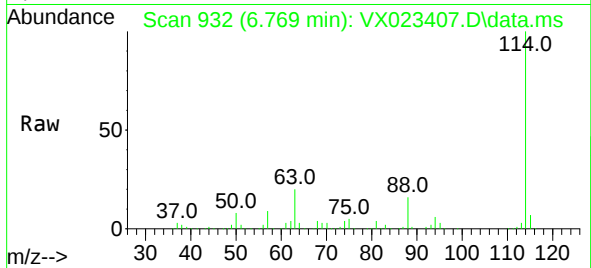




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

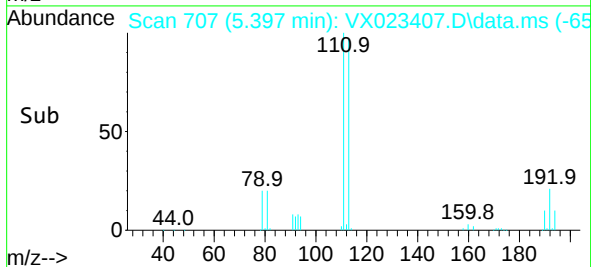
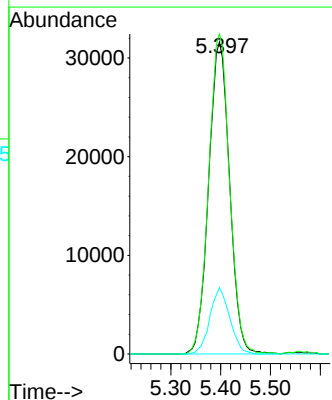
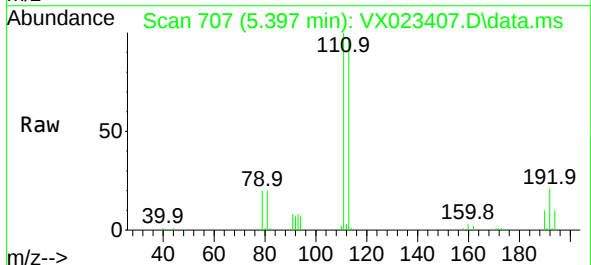
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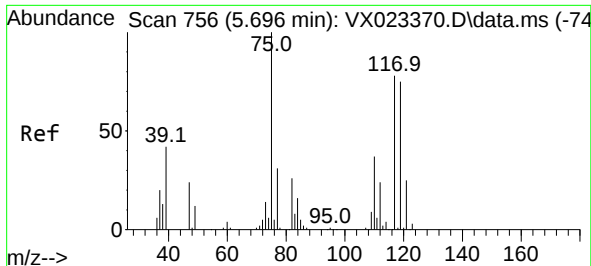
Tgt Ion:114 Resp: 291792
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion:113 Resp: 92223
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.985 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023407.D

Acq: 23 Jul 2021 05:12

Tgt Ion: 75 Resp: 13159

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

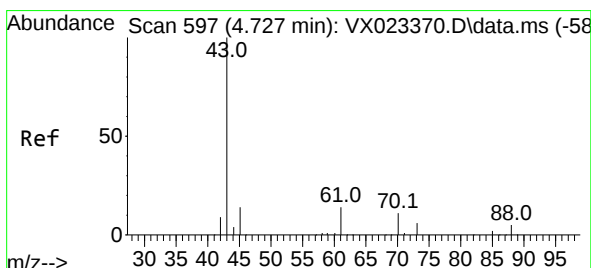
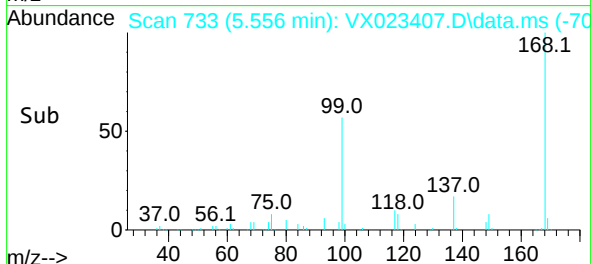
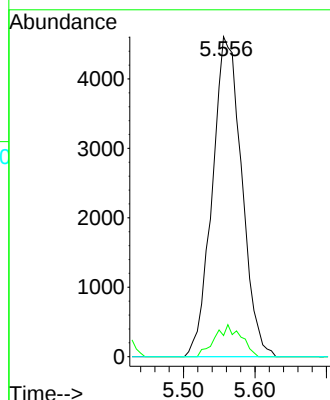
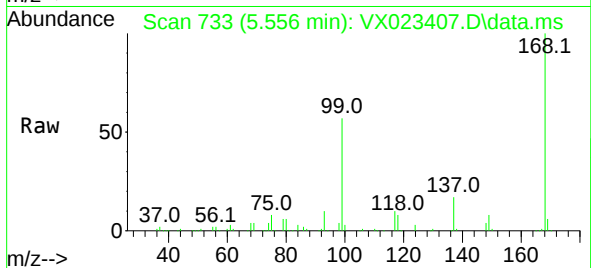
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

ETGI-358



#37

Ethyl Acetate

Concen: 4.644 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.147 min

Lab File: VX023407.D

Acq: 23 Jul 2021 05:12

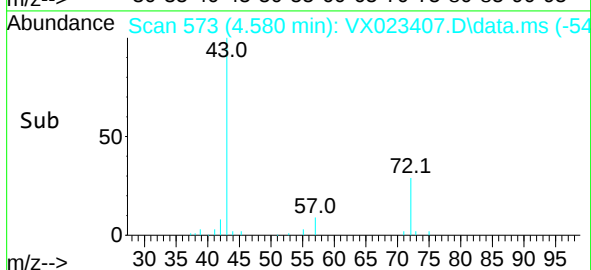
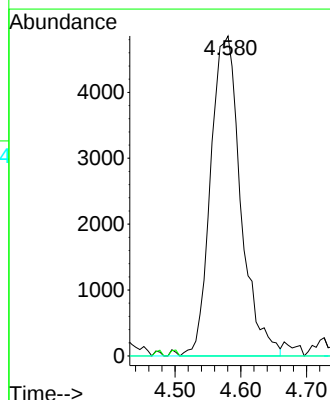
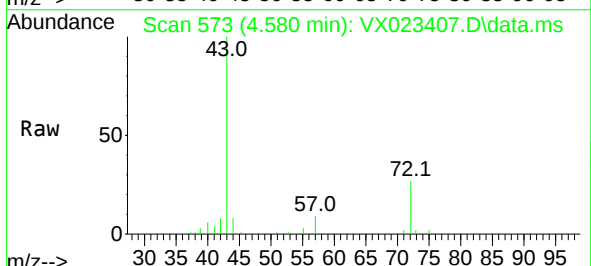
Tgt Ion: 43 Resp: 15457

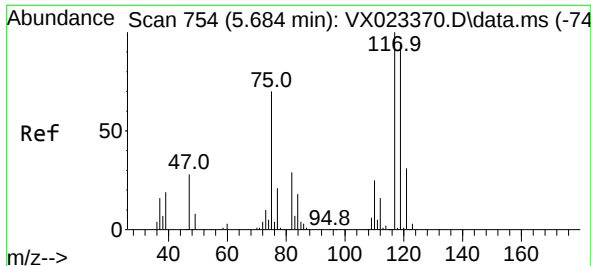
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

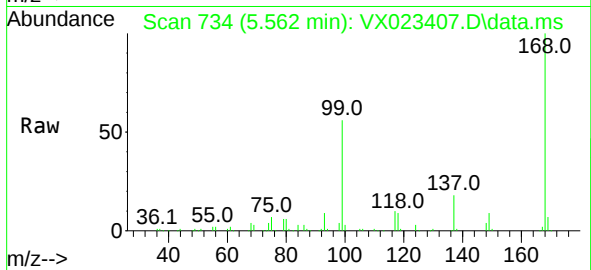
70 0.0 10.5 15.7#



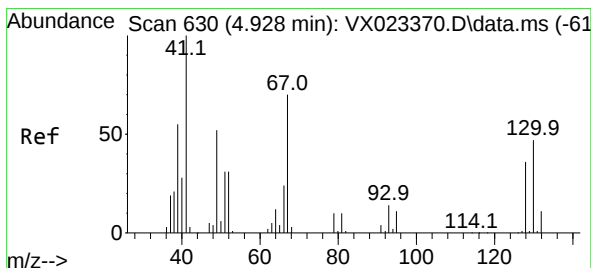
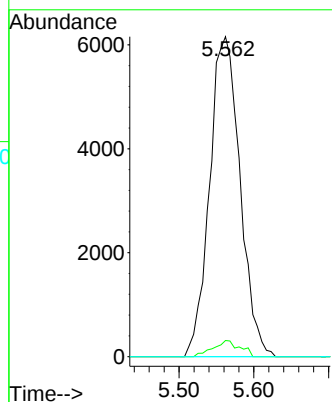
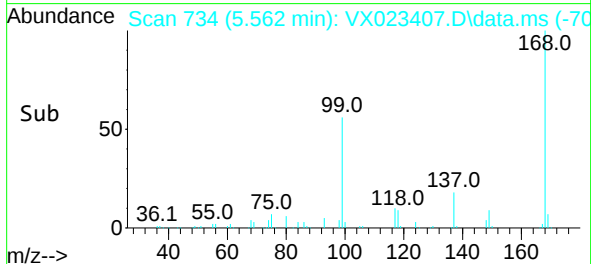


#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

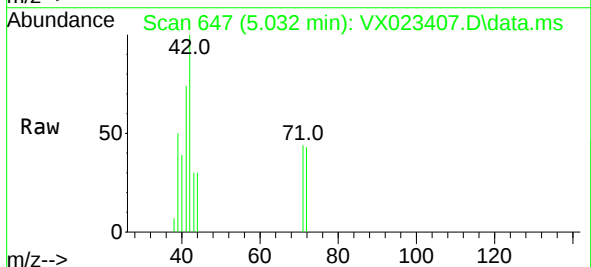
Instrument :
MSVOA_X
ClientSampleId :
ETGI-358



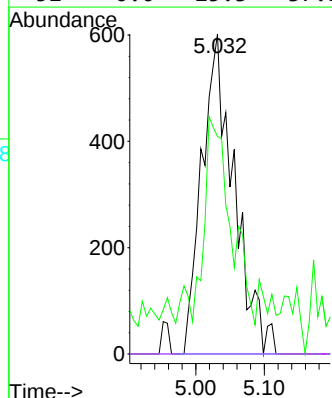
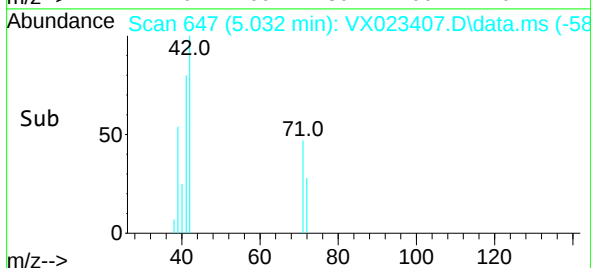
Tgt Ion:117 Resp: 17420
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

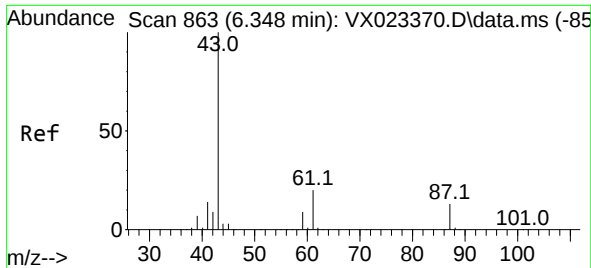


#41
Methacrylonitrile
Concen: 1.117 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12



Tgt Ion: 41 Resp: 1963
Ion Ratio Lower Upper
41 100
39 42.6 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

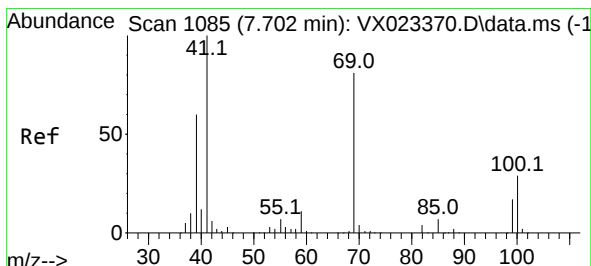
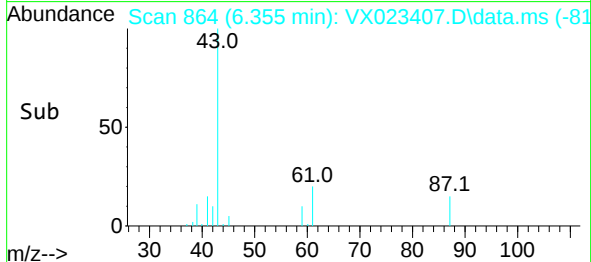
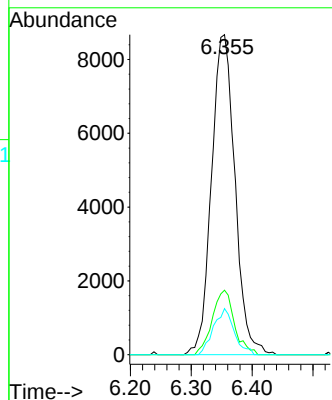
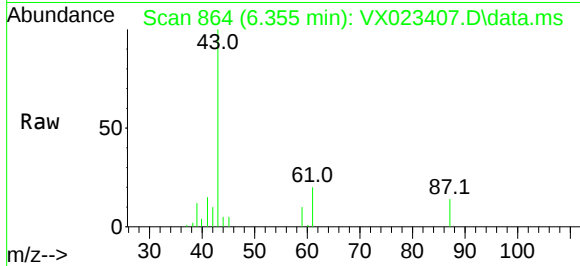




#43
Isopropyl Acetate
Concen: 4.501 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

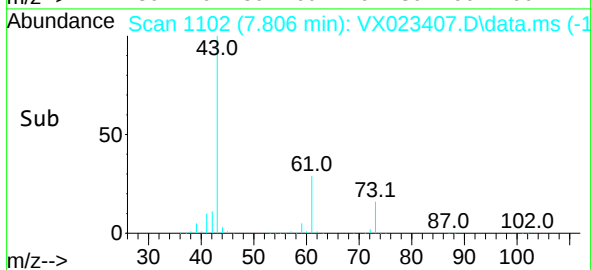
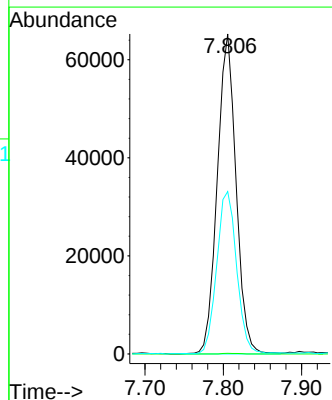
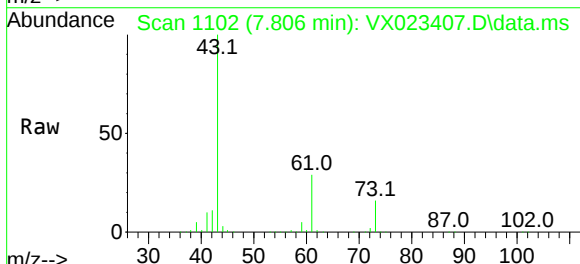
Instrument :
MSVOA_X
ClientSampleId :
ETGI-358

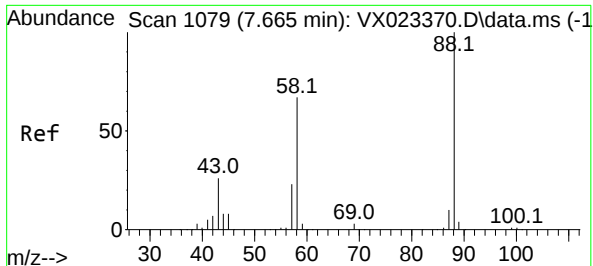
Tgt Ion: 43	Resp: 23213
Ion Ratio	Lower Upper
43 100	
61 19.0	18.2 27.4
87 12.7	12.5 18.7



#48
Methyl methacrylate
Concen: 45.571 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.104 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion: 41	Resp: 108841
Ion Ratio	Lower Upper
41 100	
69 0.2	76.0 114.0#
39 53.8	44.6 67.0





#49

1,4-Dioxane

Concen: 2.831 ug/l

RT: 7.812 min Scan# 1103

Delta R.T. 0.147 min

Lab File: VX023407.D

Acq: 23 Jul 2021 05:12

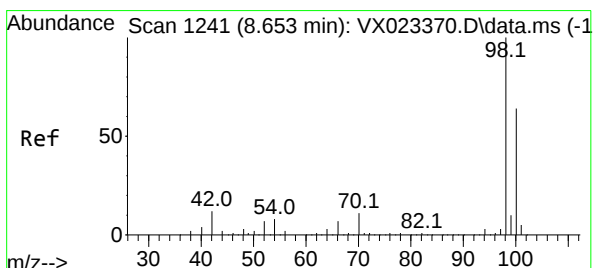
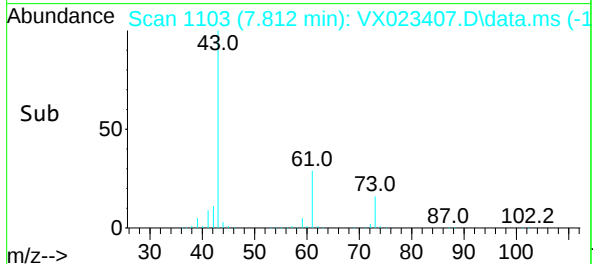
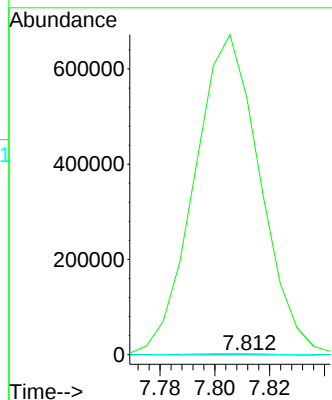
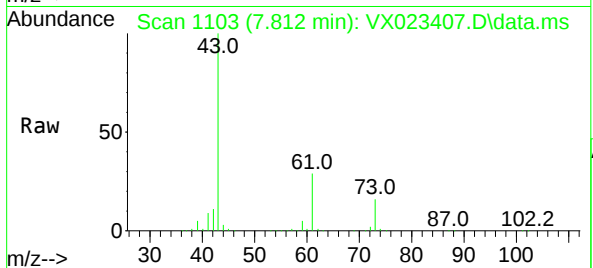
Tgt Ion: 88 Resp: 144

Ion Ratio Lower Upper

88 100

43 782800.0 23.2 34.8#

58 3415.3 55.0 82.4#



#50

Toluene-d8

Concen: 52.022 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023407.D

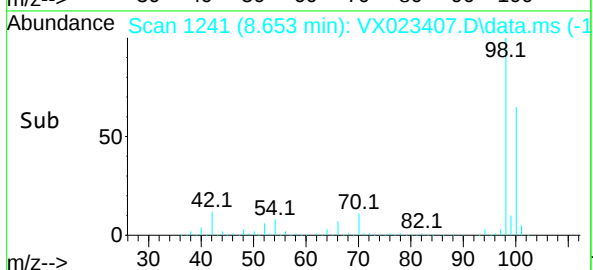
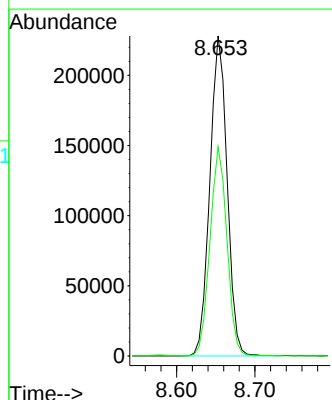
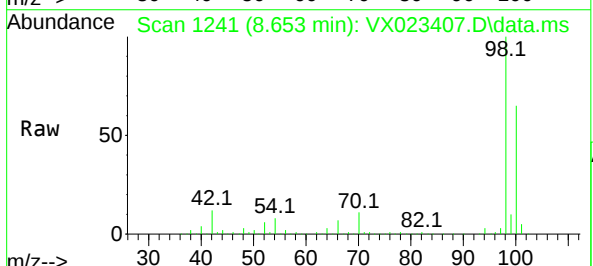
Acq: 23 Jul 2021 05:12

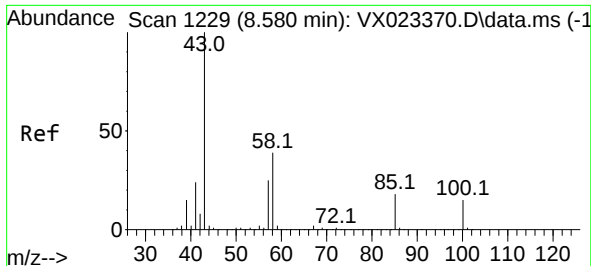
Tgt Ion: 98 Resp: 348700

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9

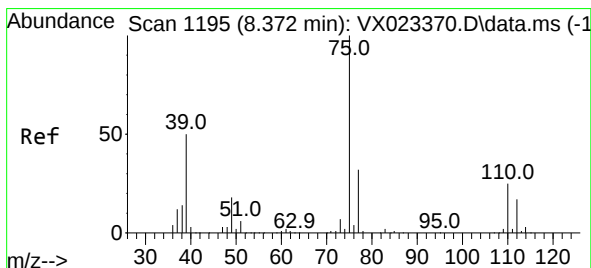
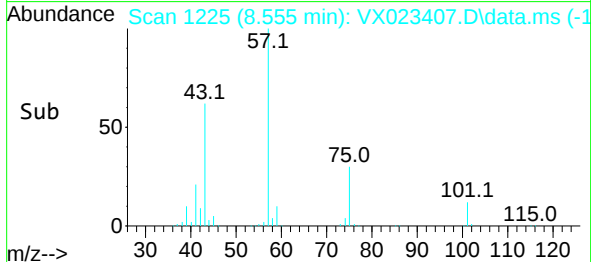
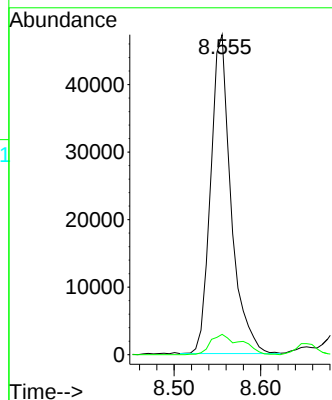
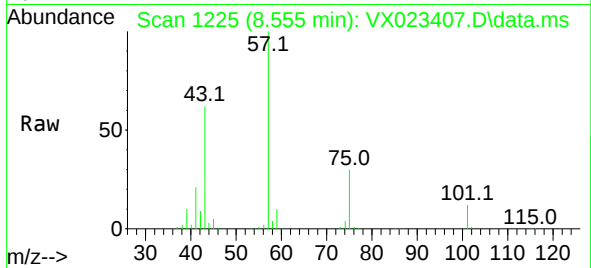




#51
4-Methyl-2-Pentanone
Concen: 24.480 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

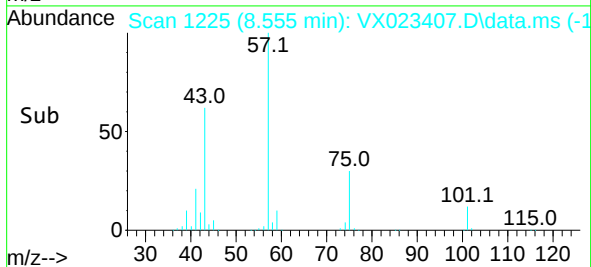
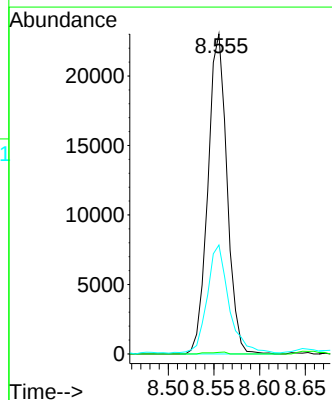
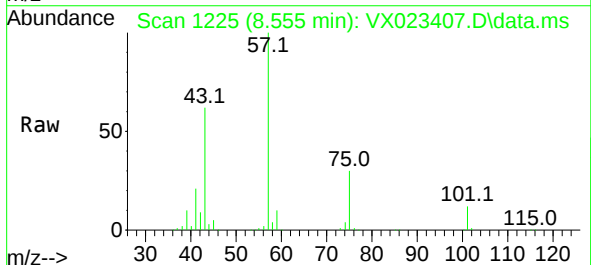
Instrument :
MSVOA_X
ClientSampleId :
ETGI-358

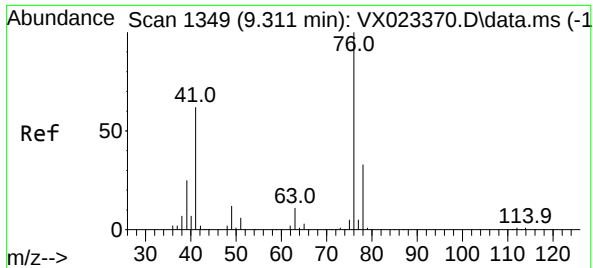
Tgt Ion: 43 Resp: 77216
Ion Ratio Lower Upper
43 100
58 9.7 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.571 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion: 75 Resp: 33351
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 33.7 35.1 52.7#

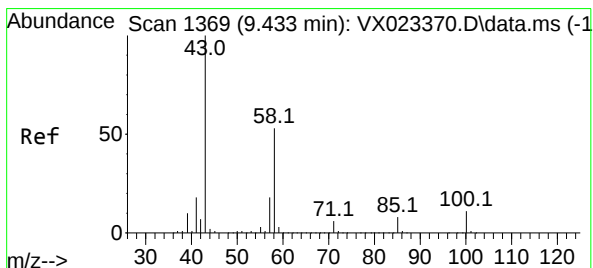
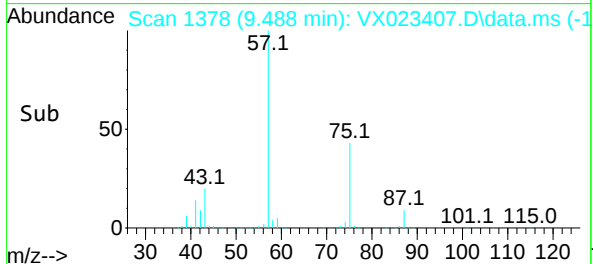
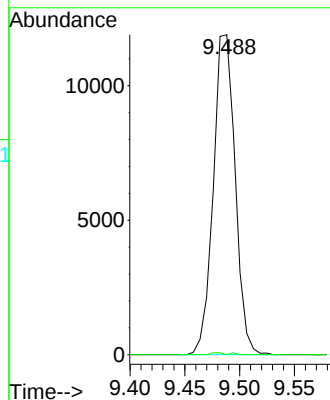
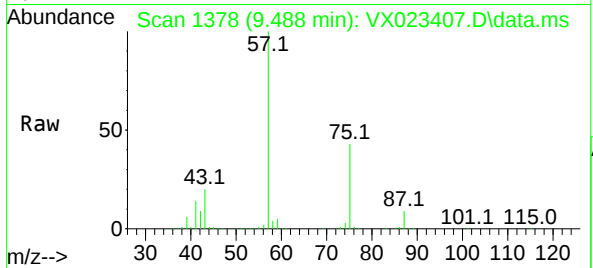




#57
1,3-Dichloropropane
Concen: 4.953 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

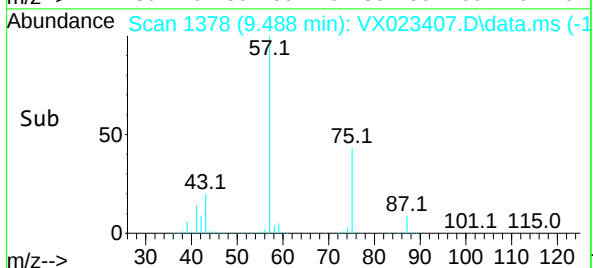
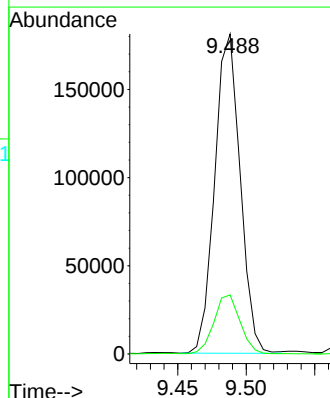
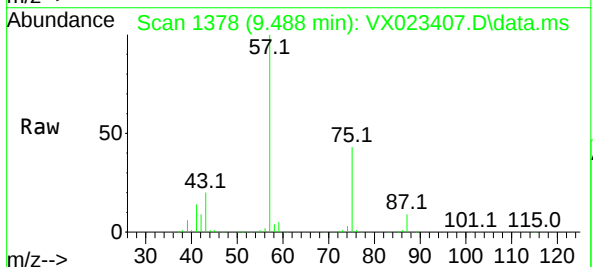
Instrument :
MSVOA_X
ClientSampled :
ETGI-358

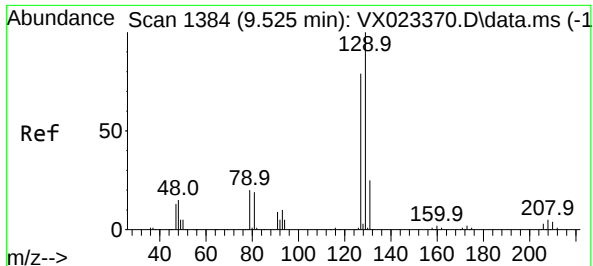
Tgt Ion: 76 Resp: 16525
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#



#59
2-Hexanone
Concen: 97.603 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion: 43 Resp: 233789
Ion Ratio Lower Upper
43 100
58 19.1 30.9 92.8#

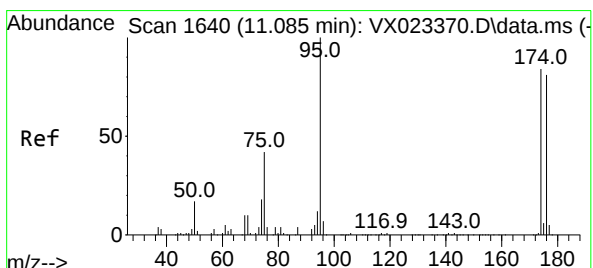
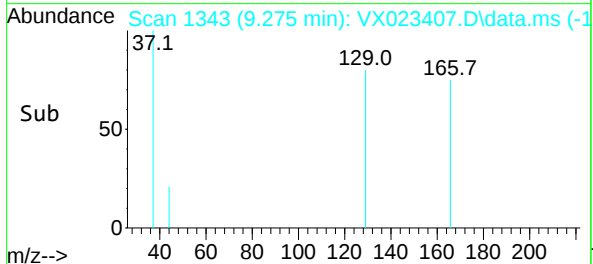
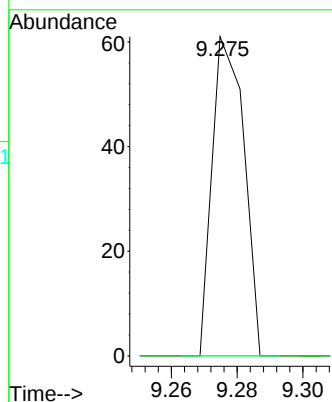
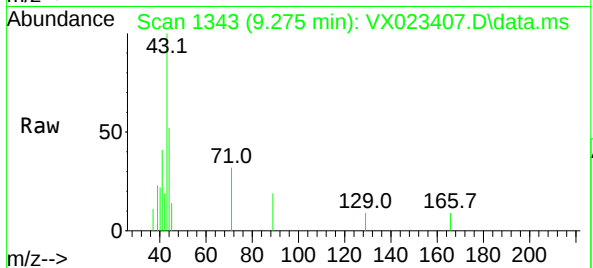




#60
Dibromochloromethane
Concen: 2.001 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

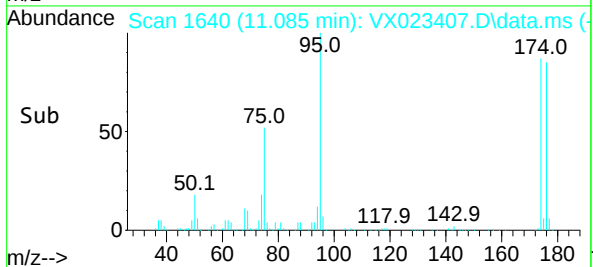
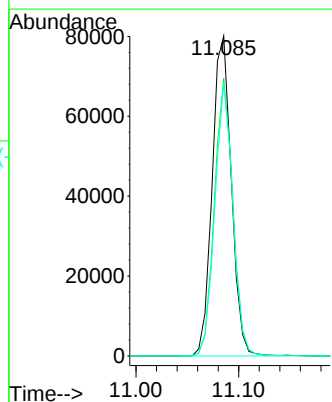
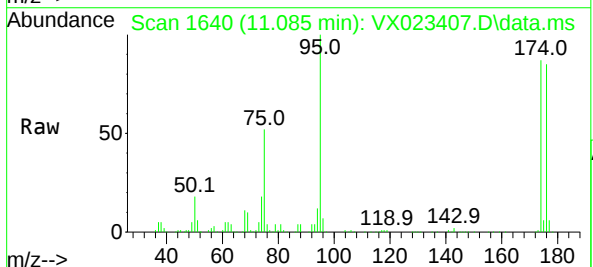
Instrument :
MSVOA_X
ClientSampleId :
ETGI-358

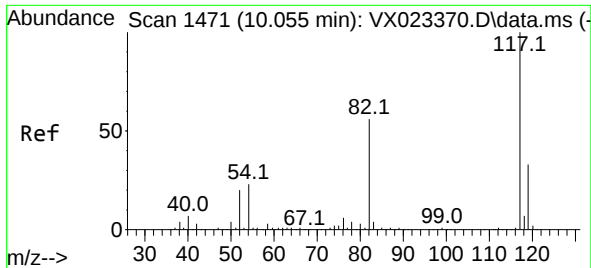
Tgt Ion:129 Resp: 41
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.270 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion: 95 Resp: 103183
Ion Ratio Lower Upper
95 100
174 83.8 0.0 154.6
176 80.6 0.0 155.8

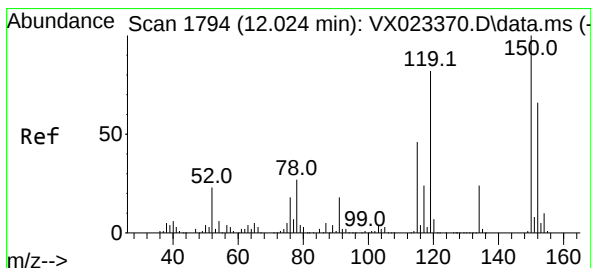
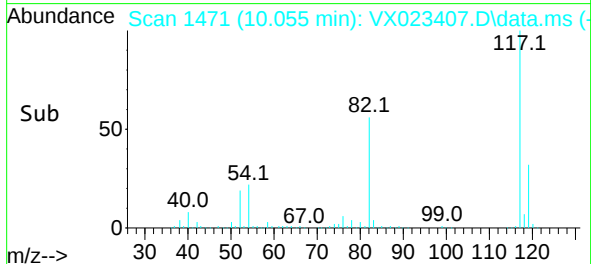
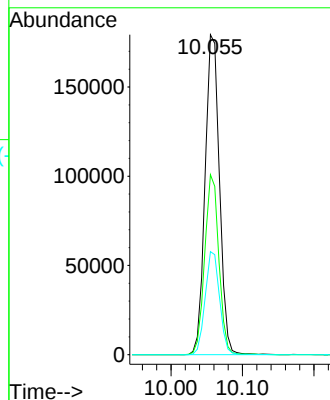
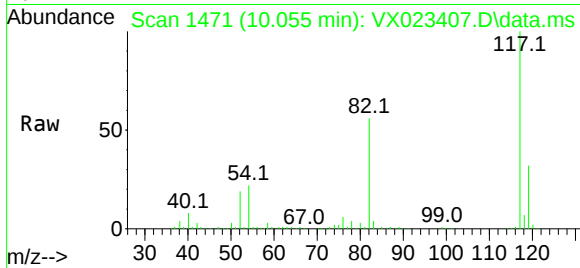




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

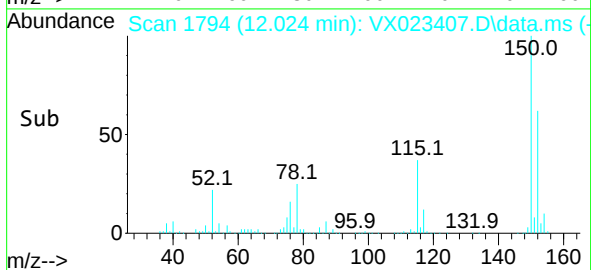
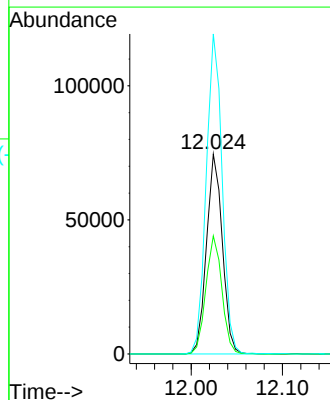
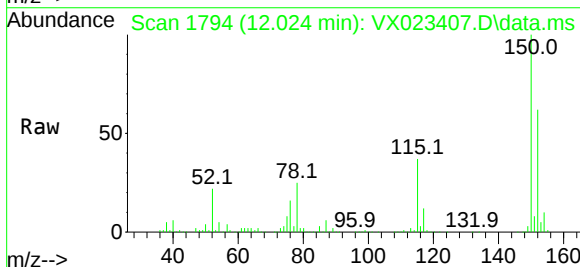
Instrument :
MSVOA_X
ClientSampled :
ETGI-358

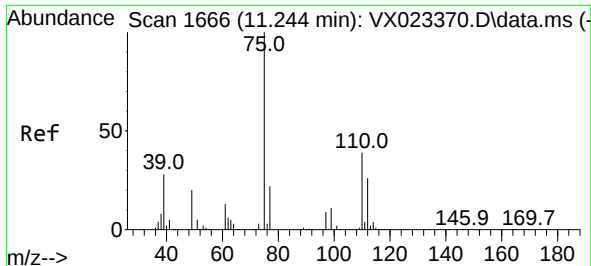
Tgt Ion:117 Resp: 251031
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Tgt Ion:152 Resp: 89674
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 160.2 0.0 349.0

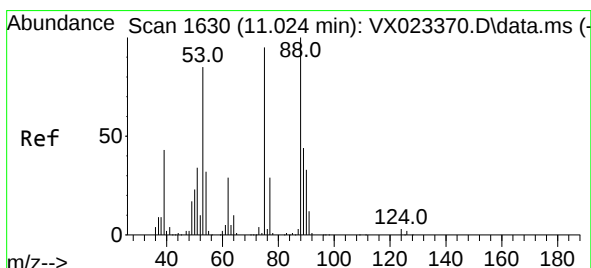
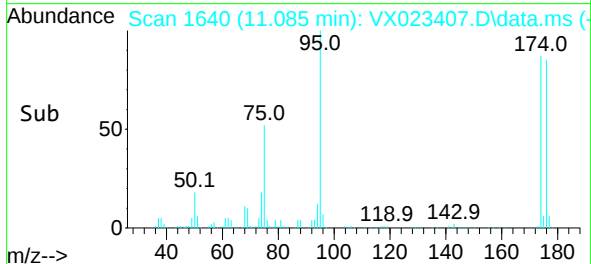
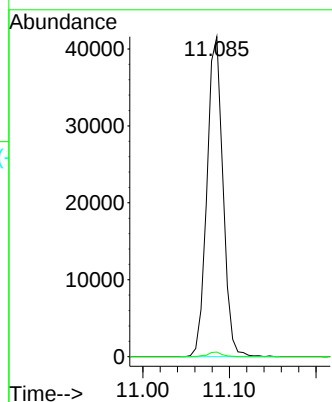
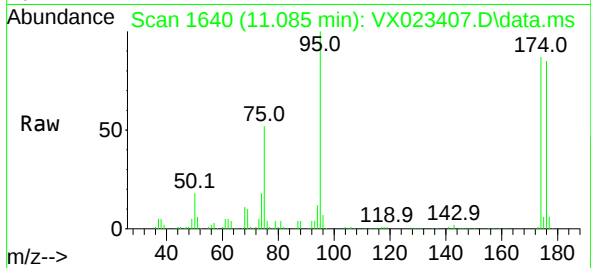




#76
1,2,3-Trichloropropane
Concen: 27.001 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

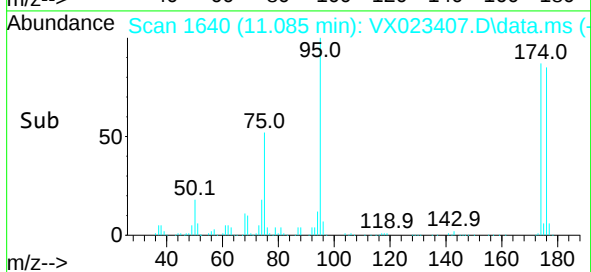
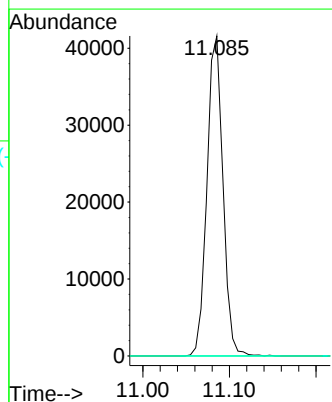
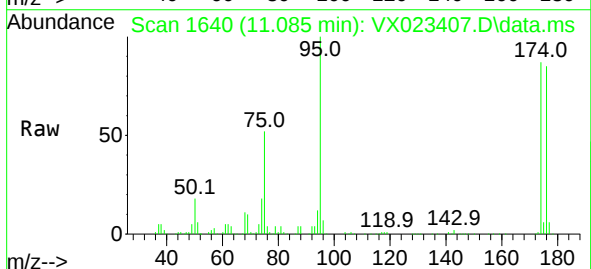
Instrument :
MSVOA_X
ClientSampleId :
ETGI-358

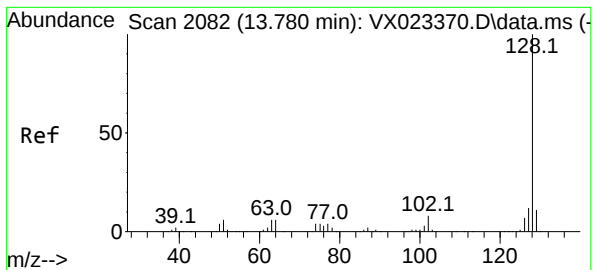
Tgt Ion: 75 Resp: 53283
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.604 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

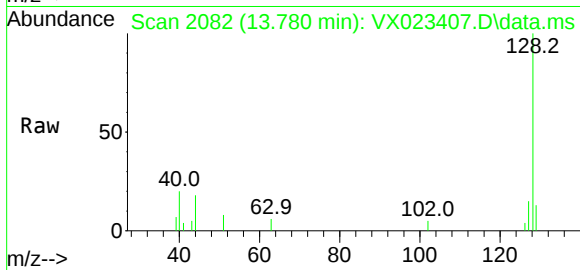
Tgt Ion: 75 Resp: 53283
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 0.264 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023407.D
Acq: 23 Jul 2021 05:12

Instrument :
MSVOA_X
ClientSampleId :
ETGI-358



Tgt Ion:128 Resp: 1670
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 10.1 8.8 13.2

