

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036490.D
 Acq On : 10 Jul 2023 18:06
 Operator : JC/MD
 Sample : 03555-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-347

Quant Time: Jul 11 01:32:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

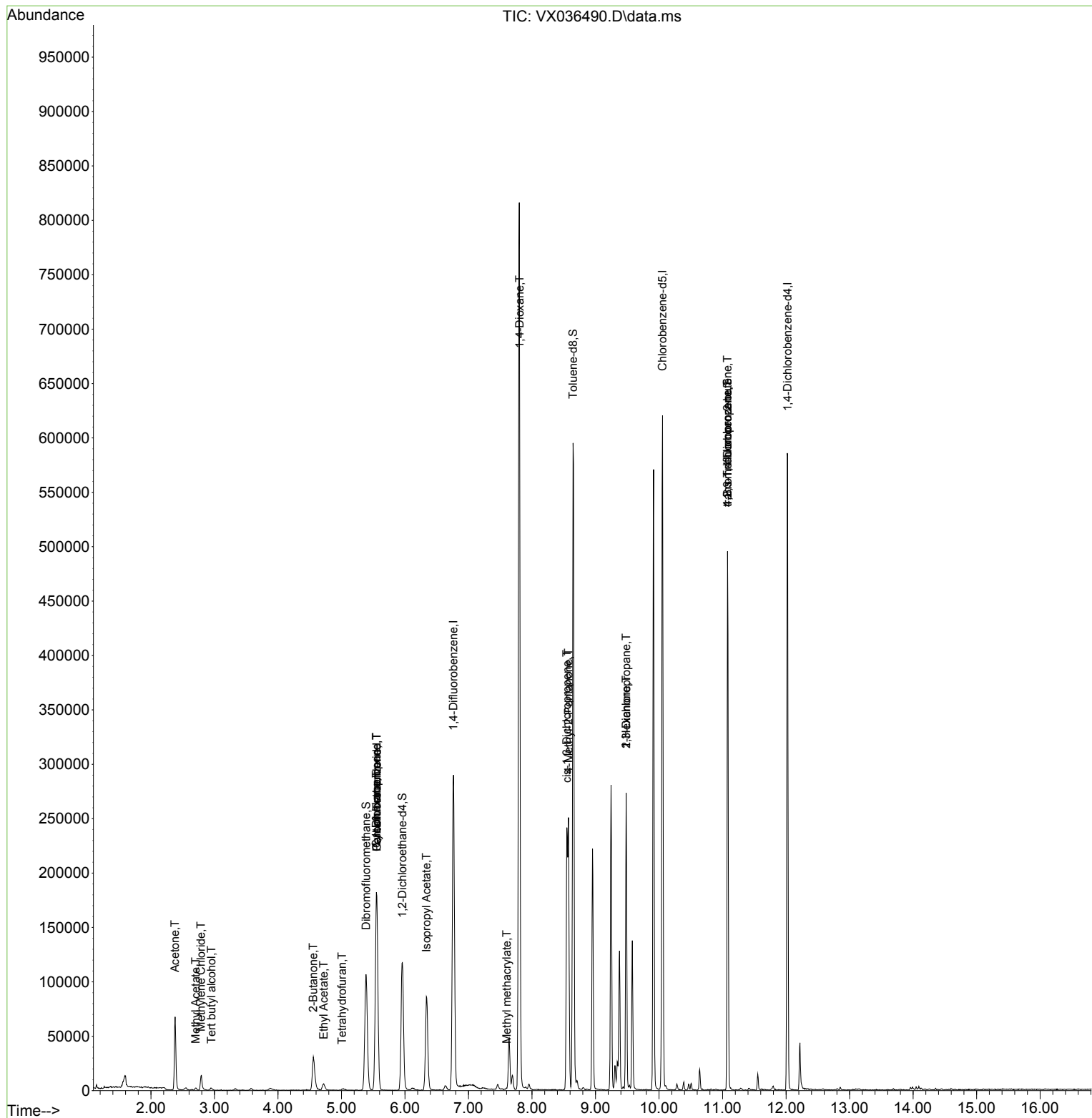
Internal Standards						
1) Pentafluorobenzene	5.556	168	172432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	294097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115070	46.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.120%		
35) Dibromofluoromethane	5.385	113	92987	47.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	8.647	98	363241	50.151	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.300%		
62) 4-Bromofluorobenzene	11.079	95	127717	50.062	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.120%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1777	3.950	ug/l #	83
16) Acetone	2.380	43	72242	68.380	ug/l	94
18) Methyl Acetate	2.703	43	2992	0.689	ug/l	94
20) Methylene Chloride	2.788	84	6548	2.879	ug/l	93
25) 2-Butanone	4.556	43	51162	33.705	ug/l	99
29) Tetrahydrofuran	5.007	42	429	0.444	ug/l #	34
31) Cyclohexane	5.550	56	3850	1.215	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	14207	4.915	ug/l #	51
37) Ethyl Acetate	4.721	43	10108	3.431	ug/l	94
38) Carbon Tetrachloride	5.556	117	17393	6.588	ug/l #	15
43) Isopropyl Acetate	6.336	43	119474	25.421	ug/l	98
48) Methyl methacrylate	7.604	41	2246	0.958	ug/l #	16
49) 1,4-Dioxane	7.806	88	106	2.040	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	212781	70.271	ug/l #	83
54) cis-1,3-Dichloropropene	8.549	75	35948	11.245	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	2312	0.634	ug/l #	42
59) 2-Hexanone	9.482	43	30217	13.665	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	65657	25.264	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65657	82.355	ug/l #	5

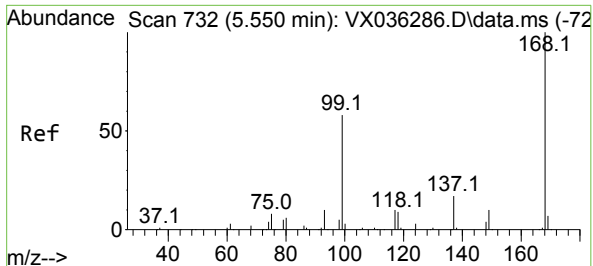
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

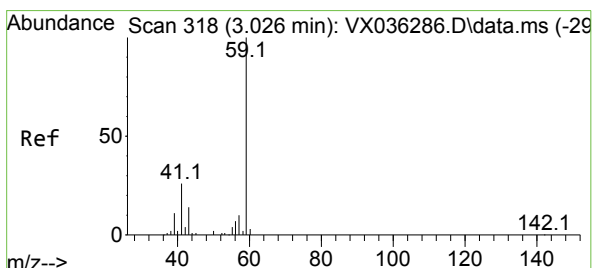
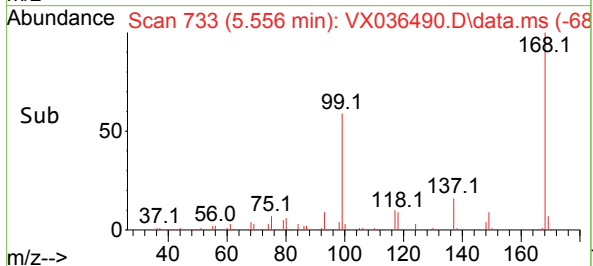
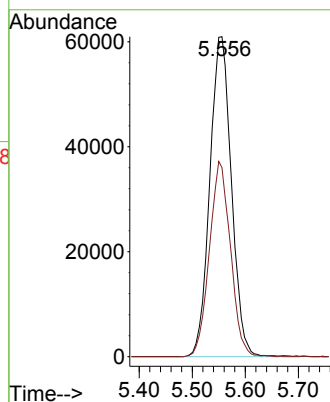
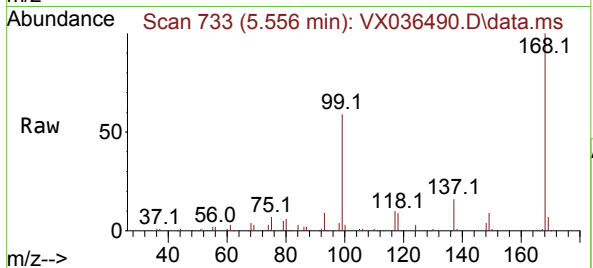




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

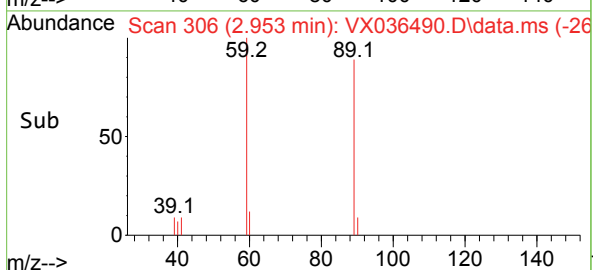
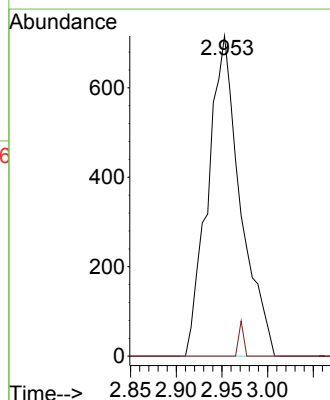
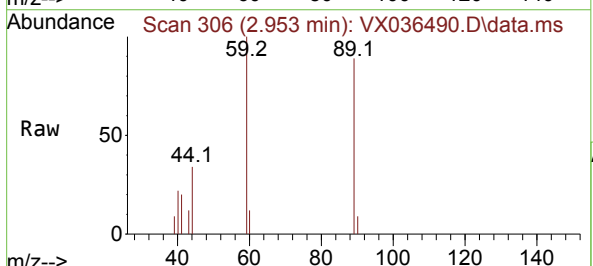
Instrument :
MSVOA_X
ClientSampleId :
ETGI-347

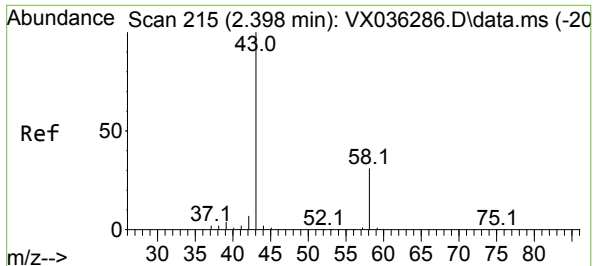
Tgt Ion:168 Resp: 172432
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.950 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.060 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

Tgt Ion: 59 Resp: 1777
Ion Ratio Lower Upper
59 100
57 1.6 6.0 9.0#

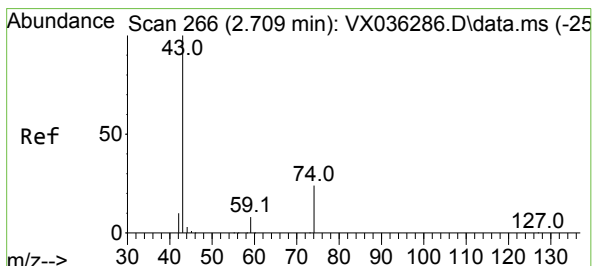
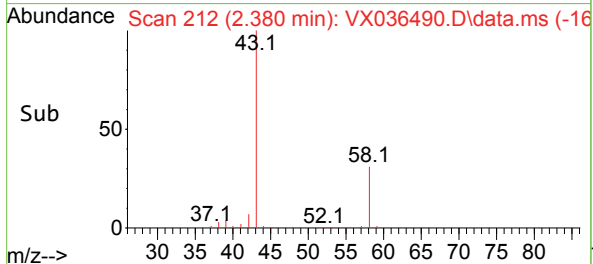
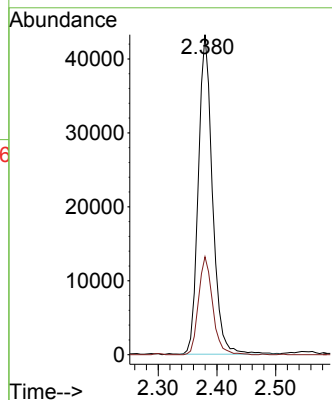
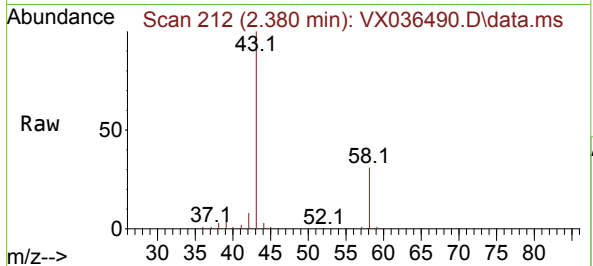




#16
Acetone
Concen: 68.380 ug/l
RT: 2.380 min Scan# 215
Delta R.T. -0.024 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

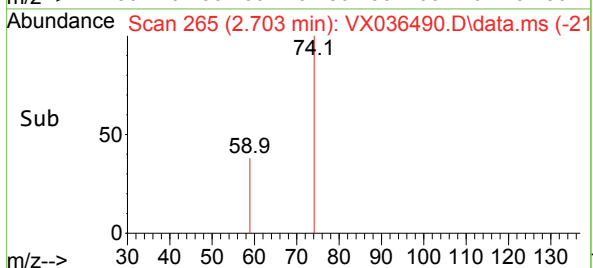
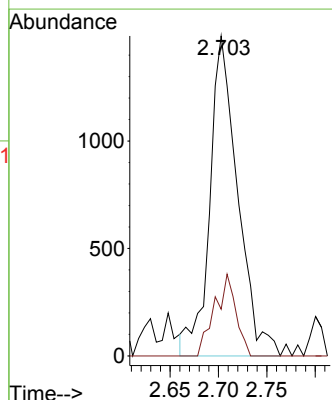
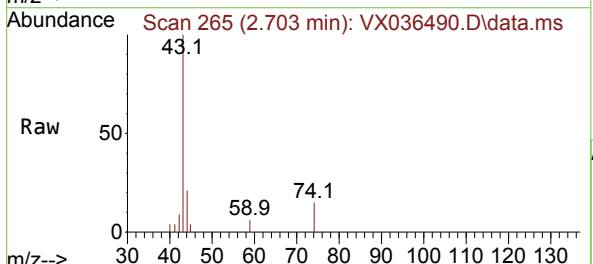
Instrument :
MSVOA_X
ClientSampleId :
ETGI-347

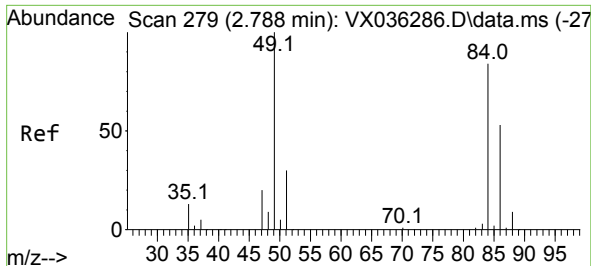
Tgt Ion: 43 Resp: 72242
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9



#18
Methyl Acetate
Concen: 0.689 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

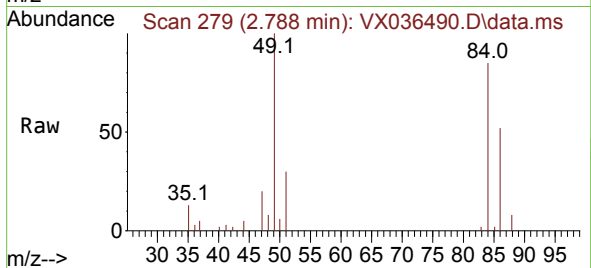
Tgt Ion: 43 Resp: 2992
Ion Ratio Lower Upper
43 100
74 19.5 17.8 26.8



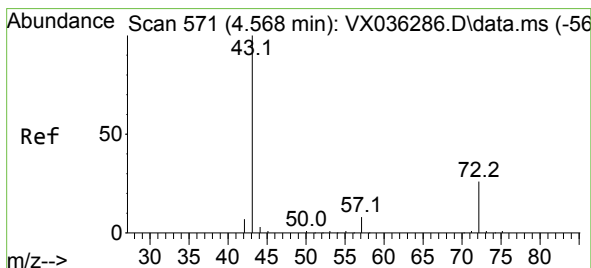
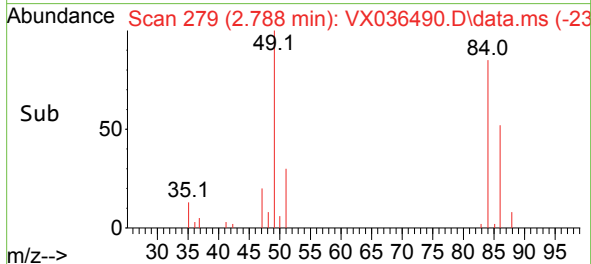
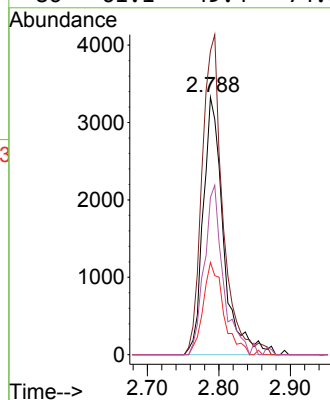


#20
Methylene Chloride
Concen: 2.879 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
ETGI-347

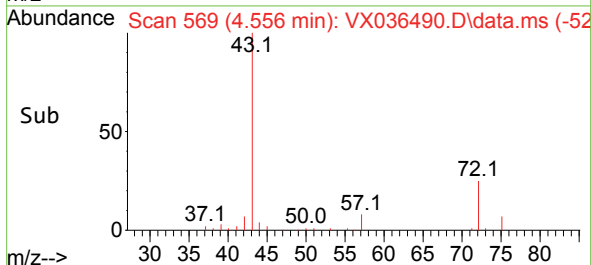
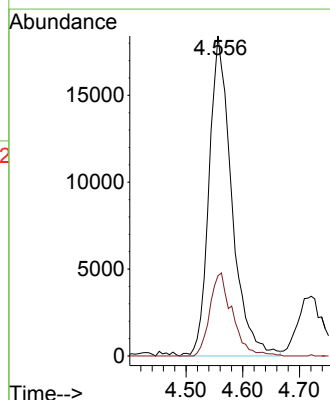
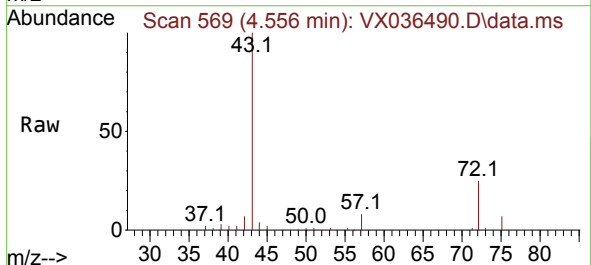


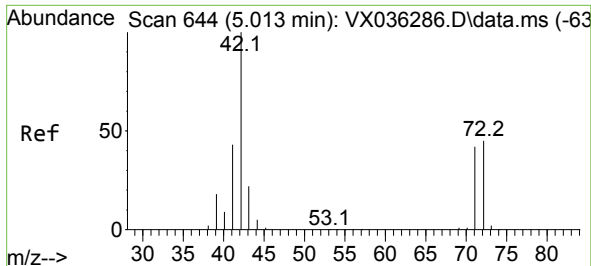
Tgt Ion: 84	Resp: 6548		
Ion	Ratio	Lower	Upper
84	100		
49	118.0	103.6	155.4
51	35.9	33.8	50.6
86	61.1	49.4	74.0



#25
2-Butanone
Concen: 33.705 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

Tgt Ion: 43	Resp: 51162
Ion Ratio	Lower Upper
43 100	
72 25.0	19.4 29.2





#29

Tetrahydrofuran

Concen: 0.444 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX036490.D

Acq: 10 Jul 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

ETGI-347

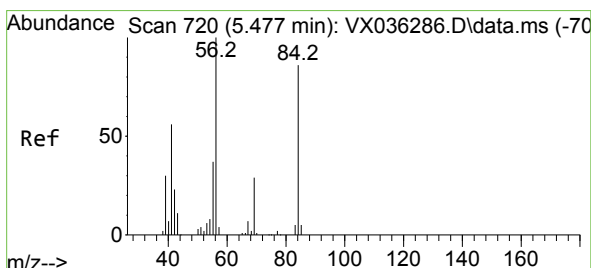
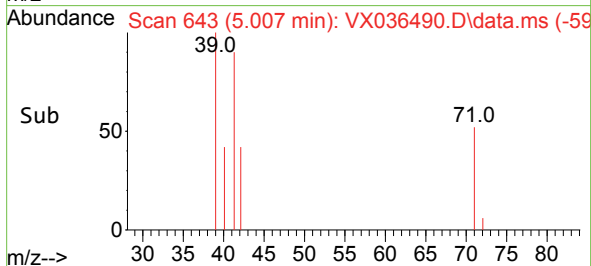
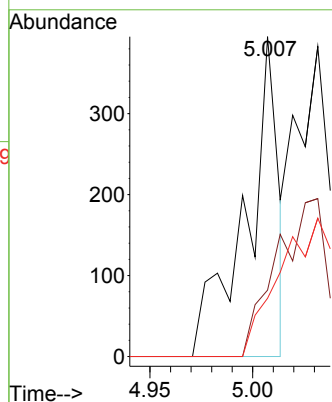
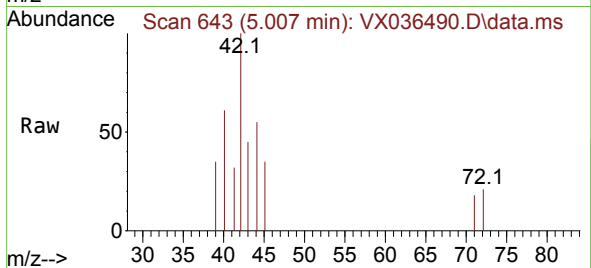
Tgt Ion: 42 Resp: 429

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX036490.D

Acq: 10 Jul 2023 18:06

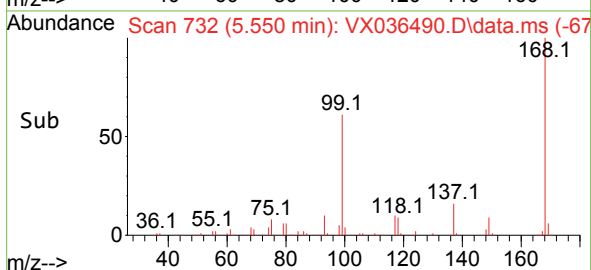
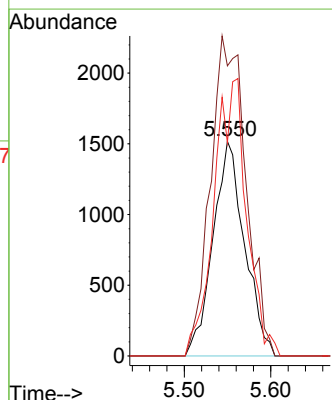
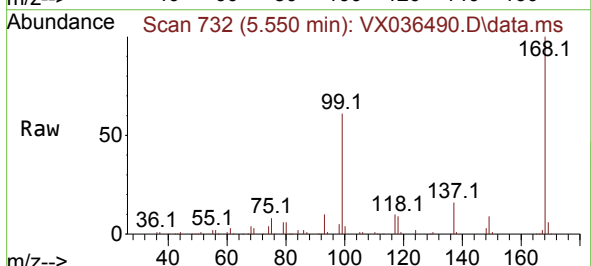
Tgt Ion: 56 Resp: 3850

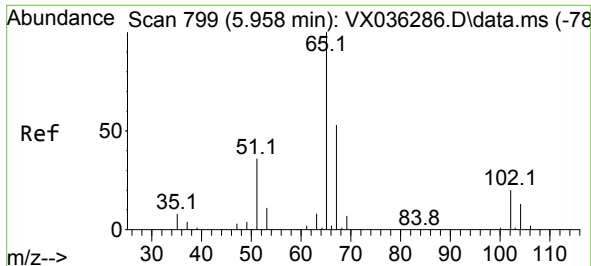
Ion Ratio Lower Upper

56 100

69 135.0 23.4 35.2#

84 99.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.555 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036490.D

Acq: 10 Jul 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

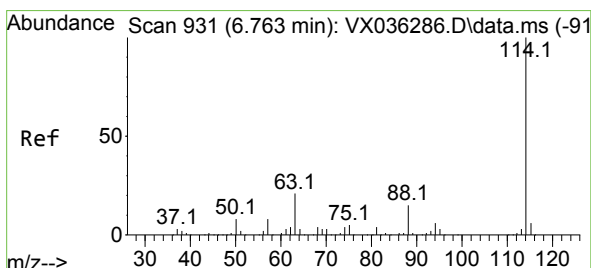
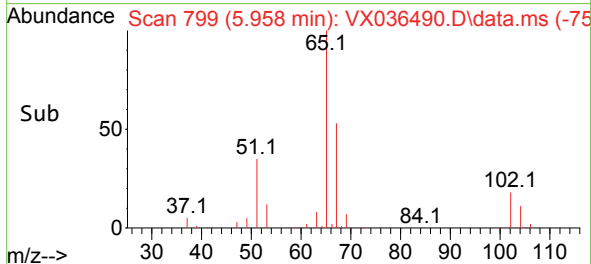
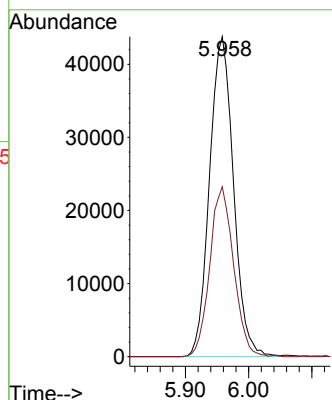
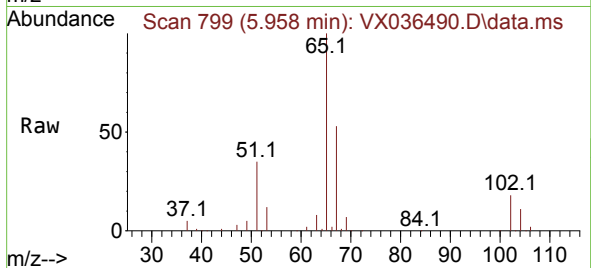
ETGI-347

Tgt Ion: 65 Resp: 115070

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036490.D

Acq: 10 Jul 2023 18:06

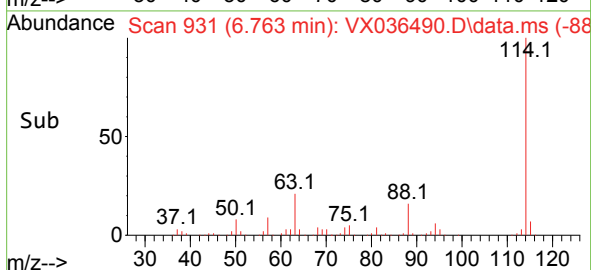
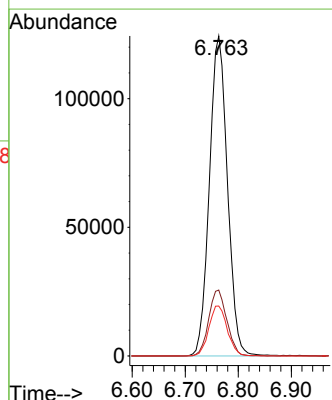
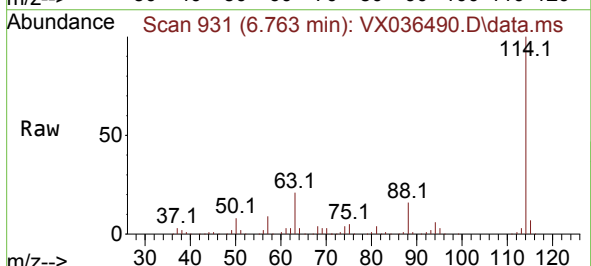
Tgt Ion: 114 Resp: 294097

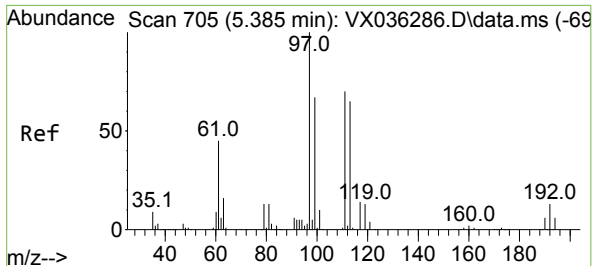
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 15.6 0.0 36.6

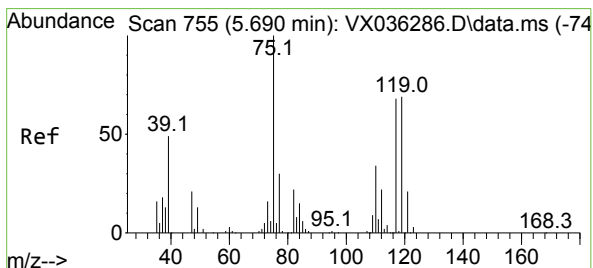
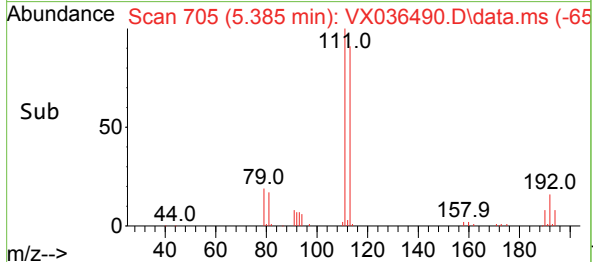
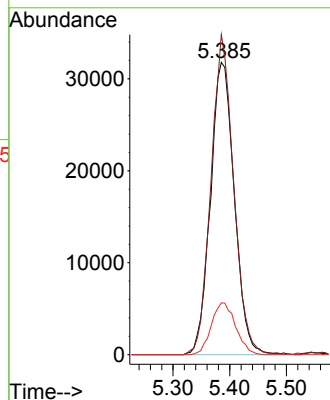
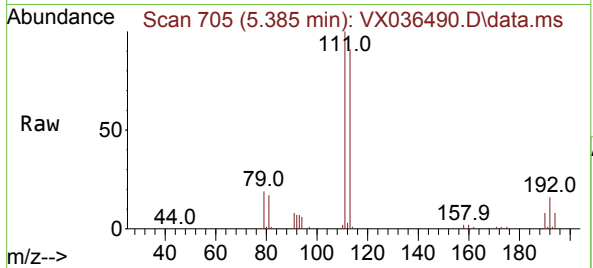




#35
Dibromofluoromethane
Concen: 47.951 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

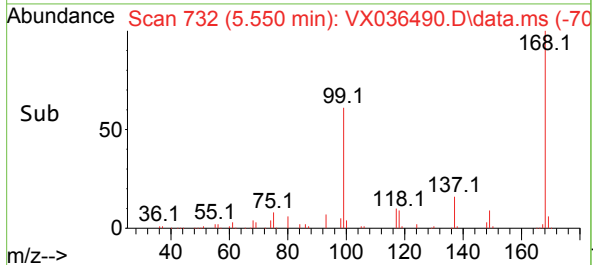
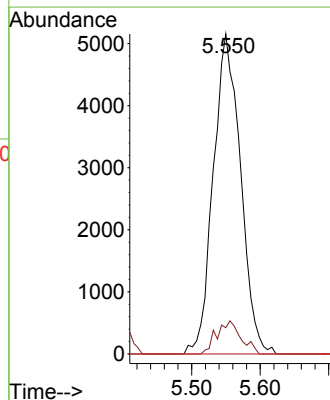
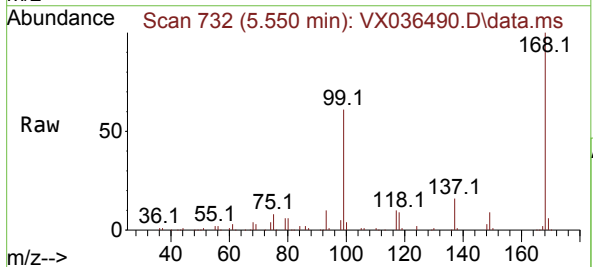
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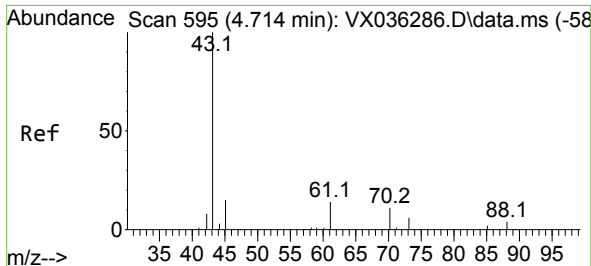
Tgt Ion:113 Resp: 92987
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

Tgt Ion: 75 Resp: 14207
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 3.431 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX036490.D

Acq: 10 Jul 2023 18:06

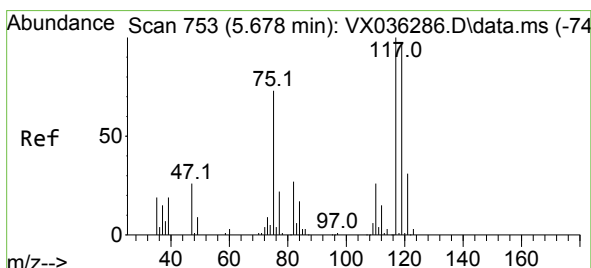
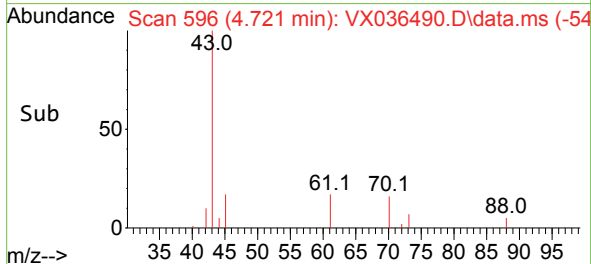
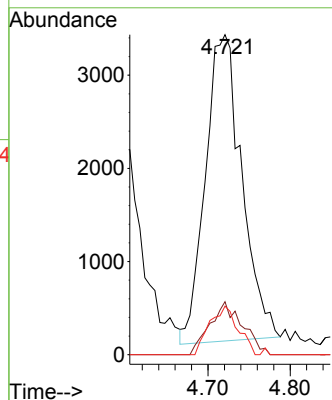
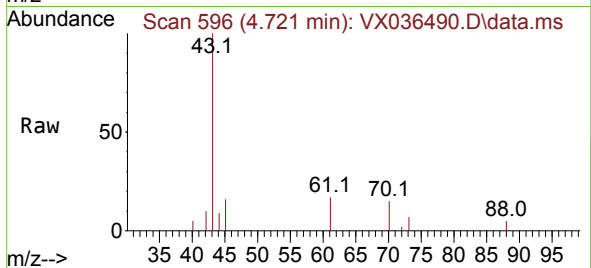
Instrument :

MSVOA_X

ClientSampleId :

ETGI-347

Tgt Ion:	43	Resp:	10108
Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.6	16.0
70	12.4	8.3	12.5



#38

Carbon Tetrachloride

Concen: 6.588 ug/l

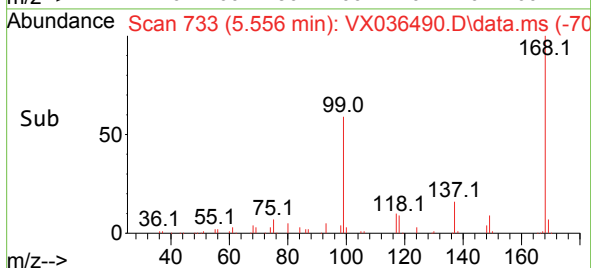
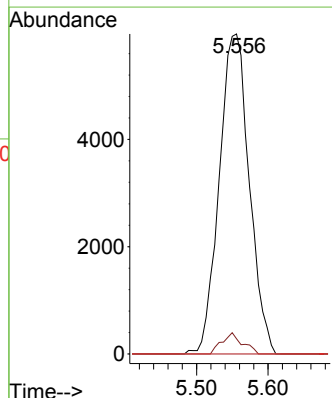
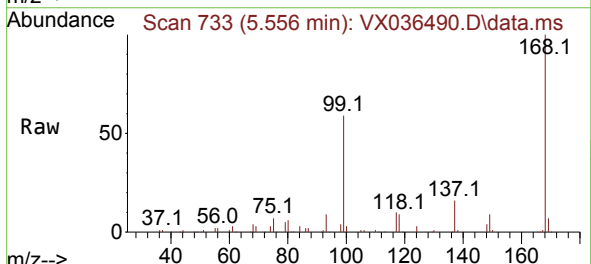
RT: 5.556 min Scan# 733

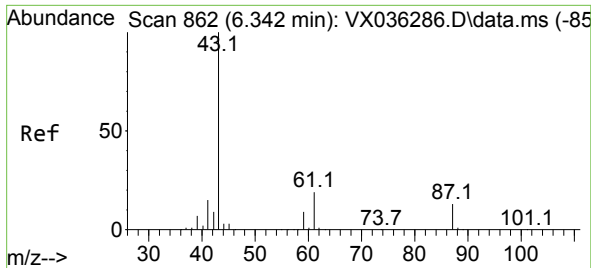
Delta R.T. -0.122 min

Lab File: VX036490.D

Acq: 10 Jul 2023 18:06

Tgt Ion:	117	Resp:	17393
Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.2	117.2#
121	0.0	24.4	36.6#

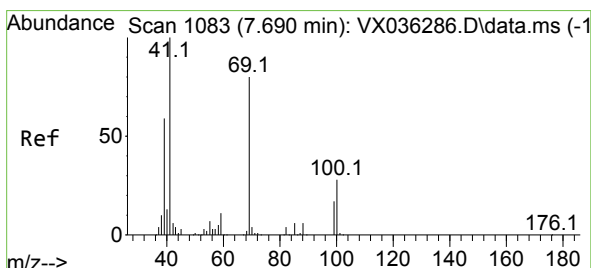
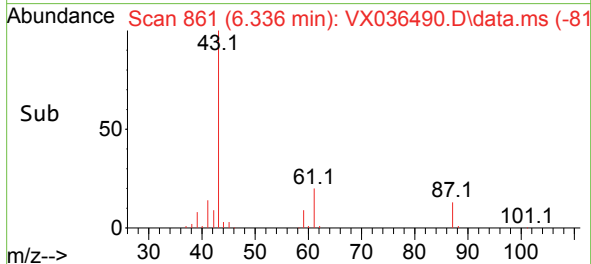
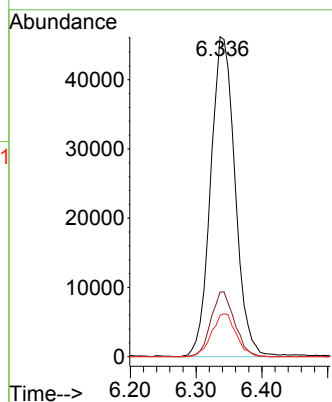
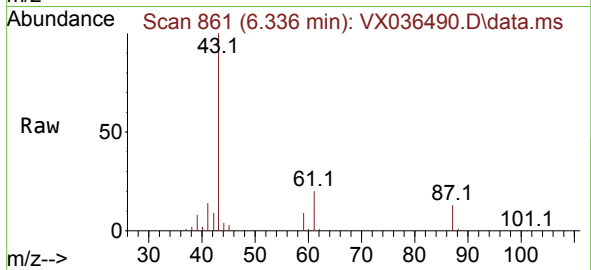




#43
Isopropyl Acetate
Concen: 25.421 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

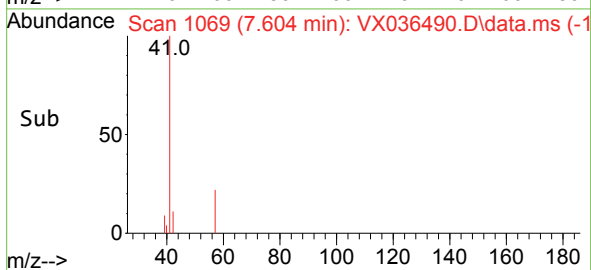
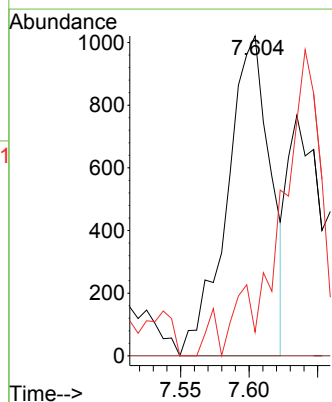
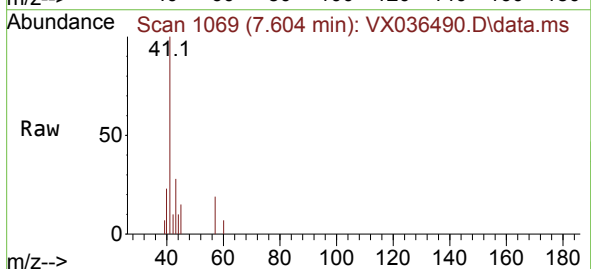
Instrument :
MSVOA_X
ClientSampleId :
ETGI-347

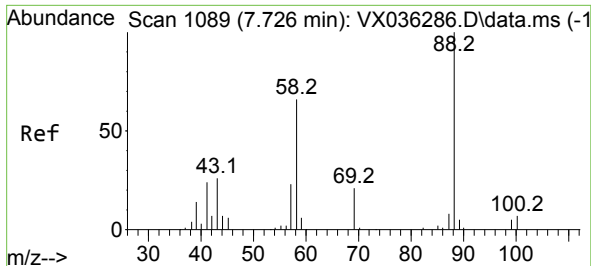
Tgt Ion: 43 Resp: 119474
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 13.4 9.8 14.6



#48
Methyl methacrylate
Concen: 0.958 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.085 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

Tgt Ion: 41 Resp: 2246
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 0.0 47.7 71.5#

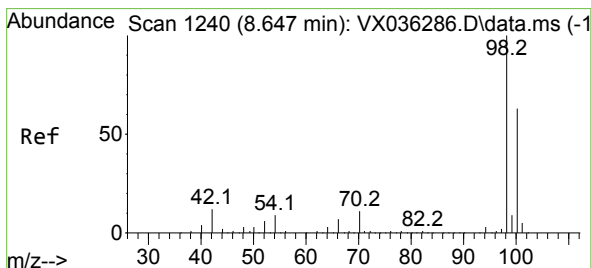
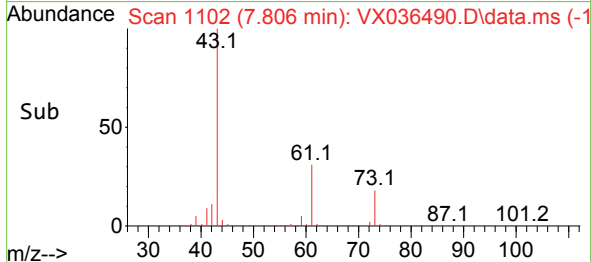
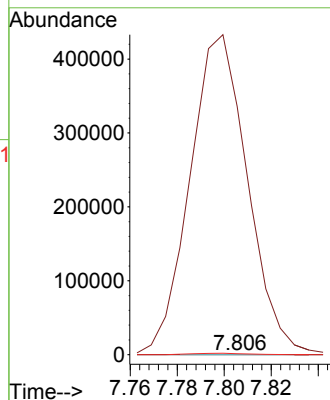
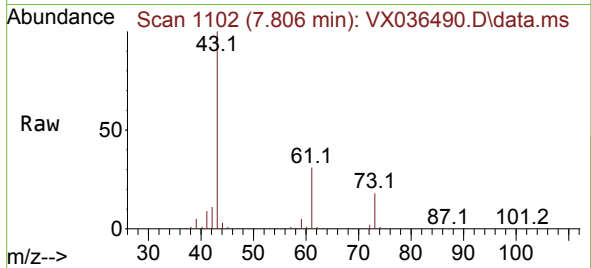




#49
1,4-Dioxane
Concen: 2.040 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.074 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

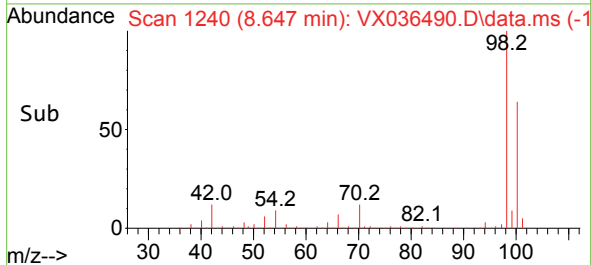
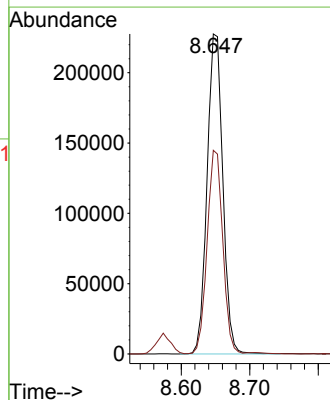
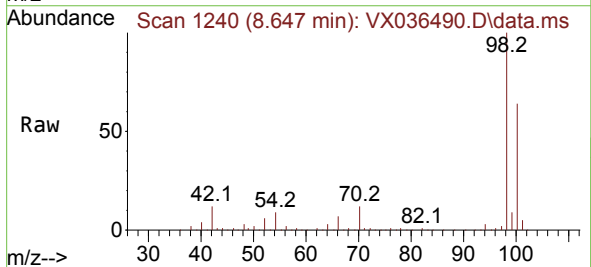
Instrument :
MSVOA_X
ClientSampleId :
ETGI-347

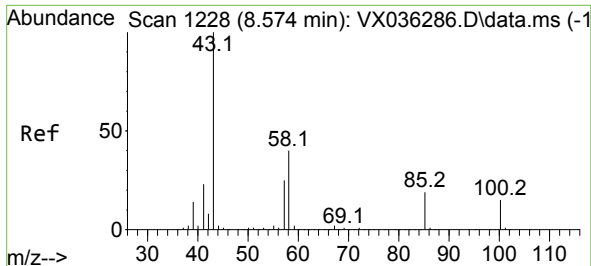
Tgt Ion: 88 Resp: 106
Ion Ratio Lower Upper
88 100
43 701247.2 0.0 0.0#
58 3017.9 60.1 90.1#



#50
Toluene-d8
Concen: 50.151 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

Tgt Ion: 98 Resp: 363241
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

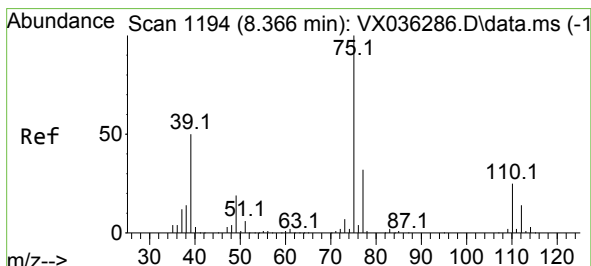
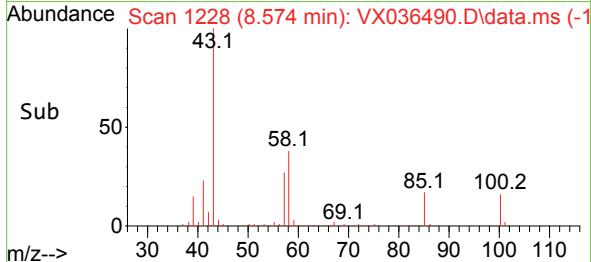
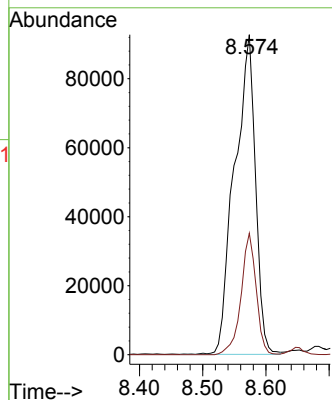
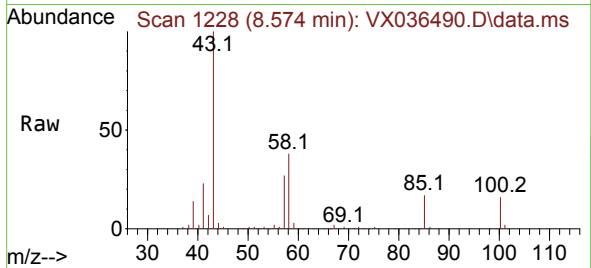




#51
4-Methyl-2-Pentanone
Concen: 70.271 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

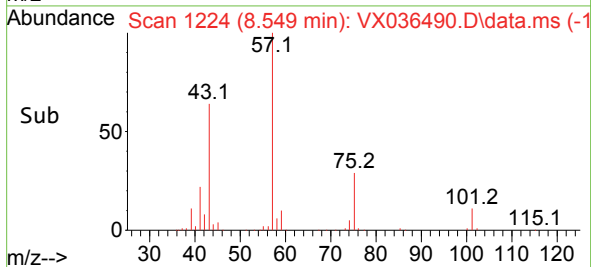
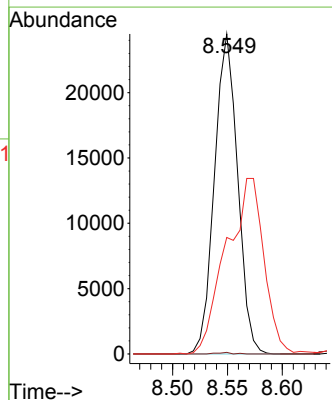
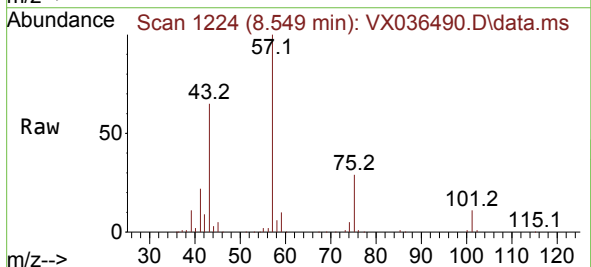
Instrument :
MSVOA_X
ClientSampleId :
ETGI-347

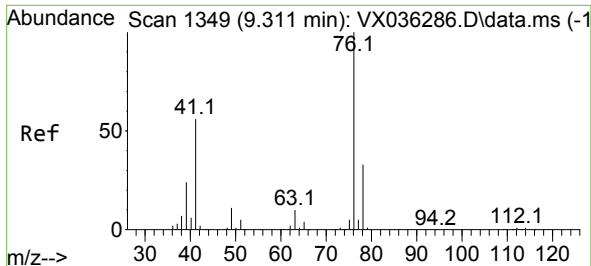
Tgt Ion: 43 Resp: 212781
Ion Ratio Lower Upper
43 100
58 27.5 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 11.245 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

Tgt Ion: 75 Resp: 35948
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 36.2 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 0.634 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX036490.D

Acq: 10 Jul 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

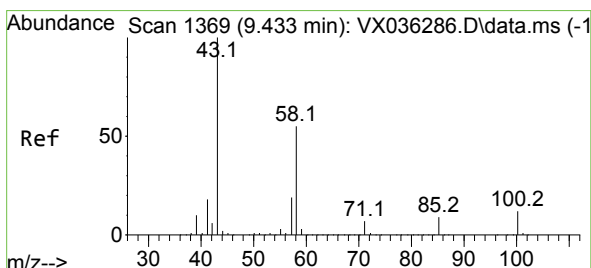
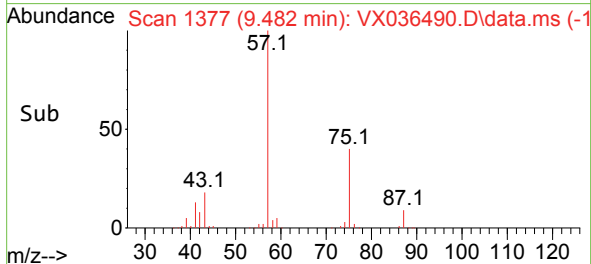
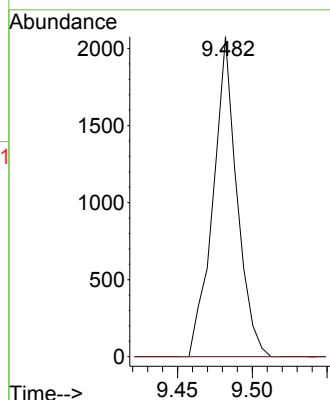
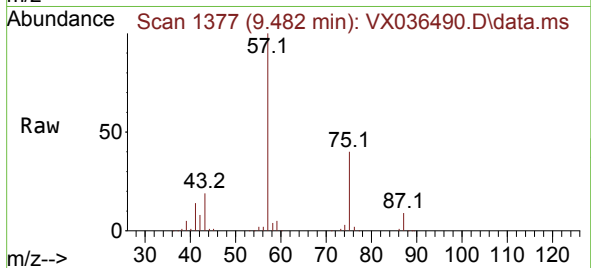
ETGI-347

Tgt Ion: 76 Resp: 2312

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 13.665 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX036490.D

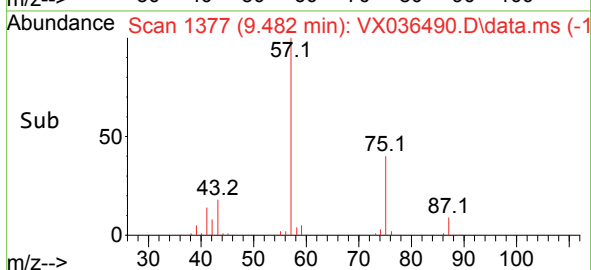
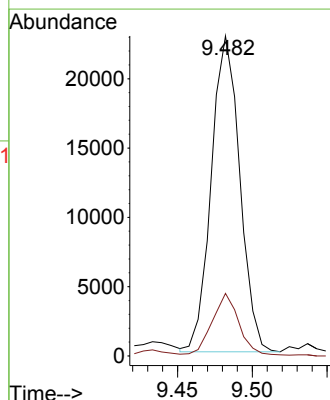
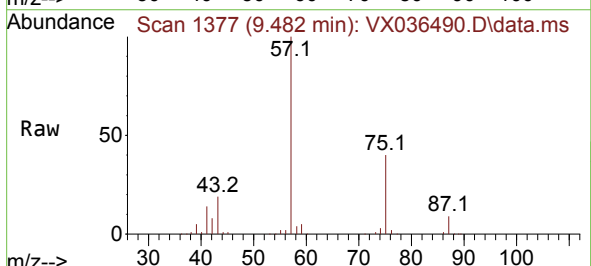
Acq: 10 Jul 2023 18:06

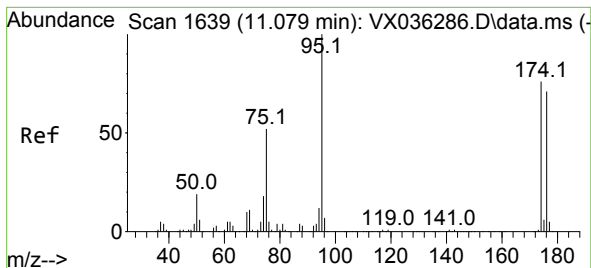
Tgt Ion: 43 Resp: 30217

Ion Ratio Lower Upper

43 100

58 19.3 26.2 78.5#

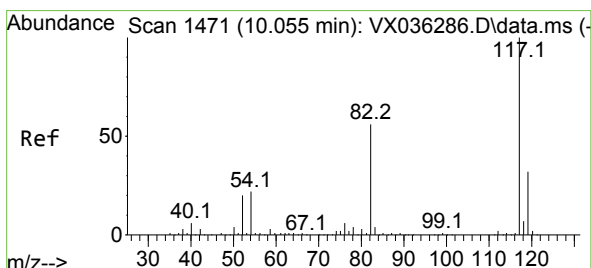
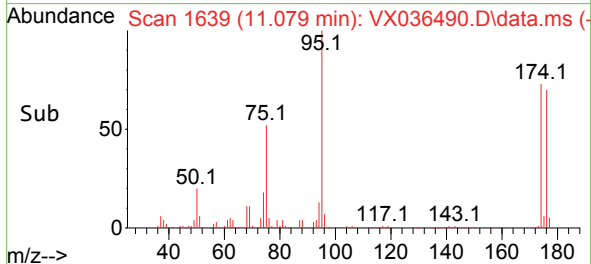
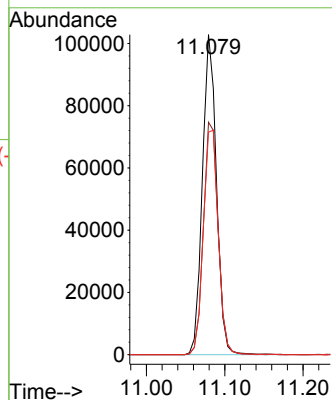
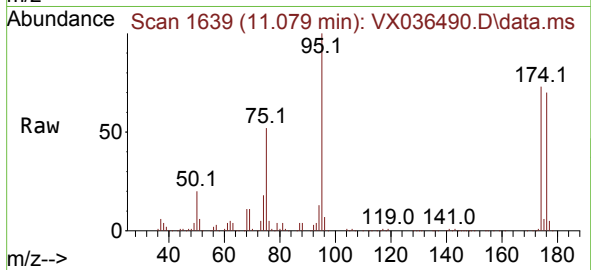




#62
4-Bromofluorobenzene
Concen: 50.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

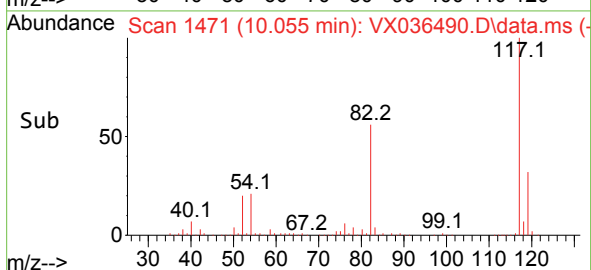
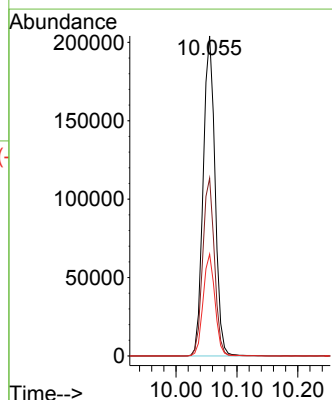
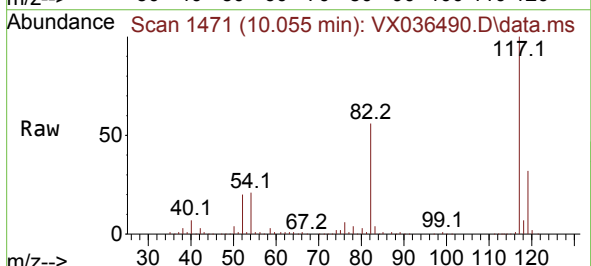
Instrument :
MSVOA_X
ClientSampleId :
ETGI-347

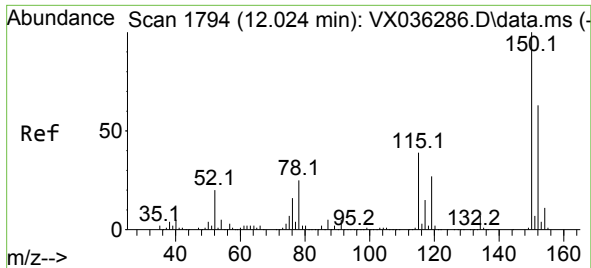
Tgt Ion: 95 Resp: 127717
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 74.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036490.D
Acq: 10 Jul 2023 18:06

Tgt Ion: 117 Resp: 275842
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.8 25.5 38.3

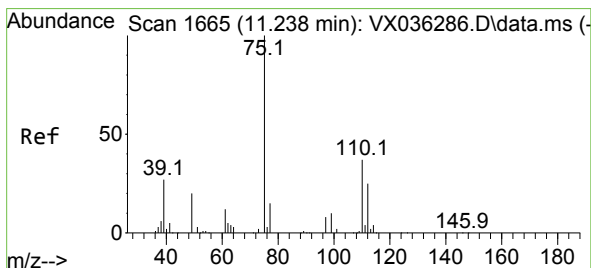
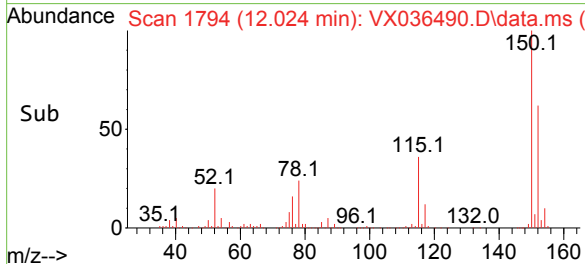
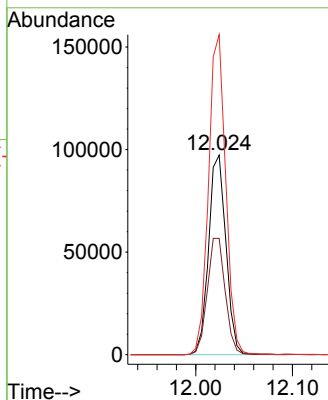
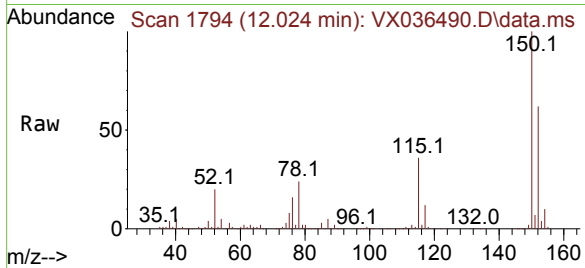




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036490.D
 Acq: 10 Jul 2023 18:06

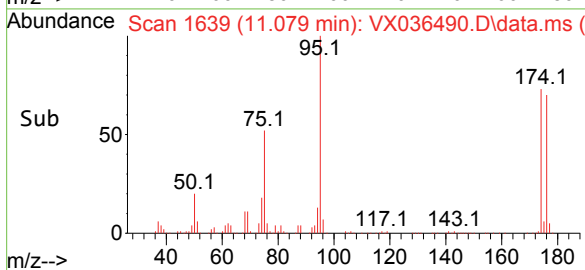
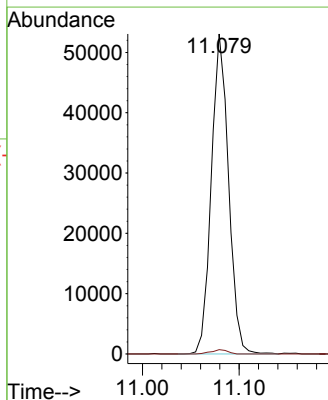
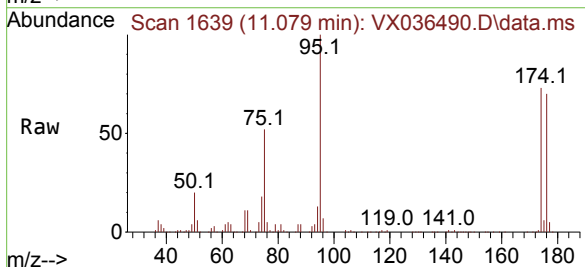
Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-347

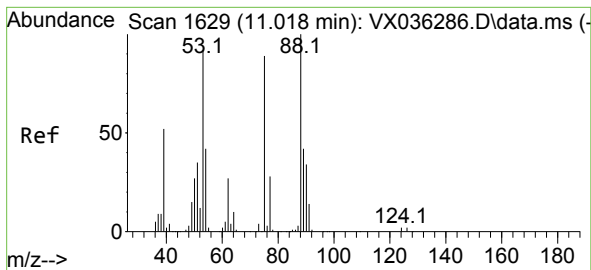
Tgt Ion:152 Resp: 121837
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.3 129.9
 150 158.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.264 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036490.D
 Acq: 10 Jul 2023 18:06

Tgt Ion: 75 Resp: 65657
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.355 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036490.D
 Acq: 10 Jul 2023 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-347

Tgt Ion: 75 Resp: 65657
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

