

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036493.D
 Acq On : 10 Jul 2023 19:17
 Operator : JC/MD
 Sample : 03555-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-289

Quant Time: Jul 11 01:33:25 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)

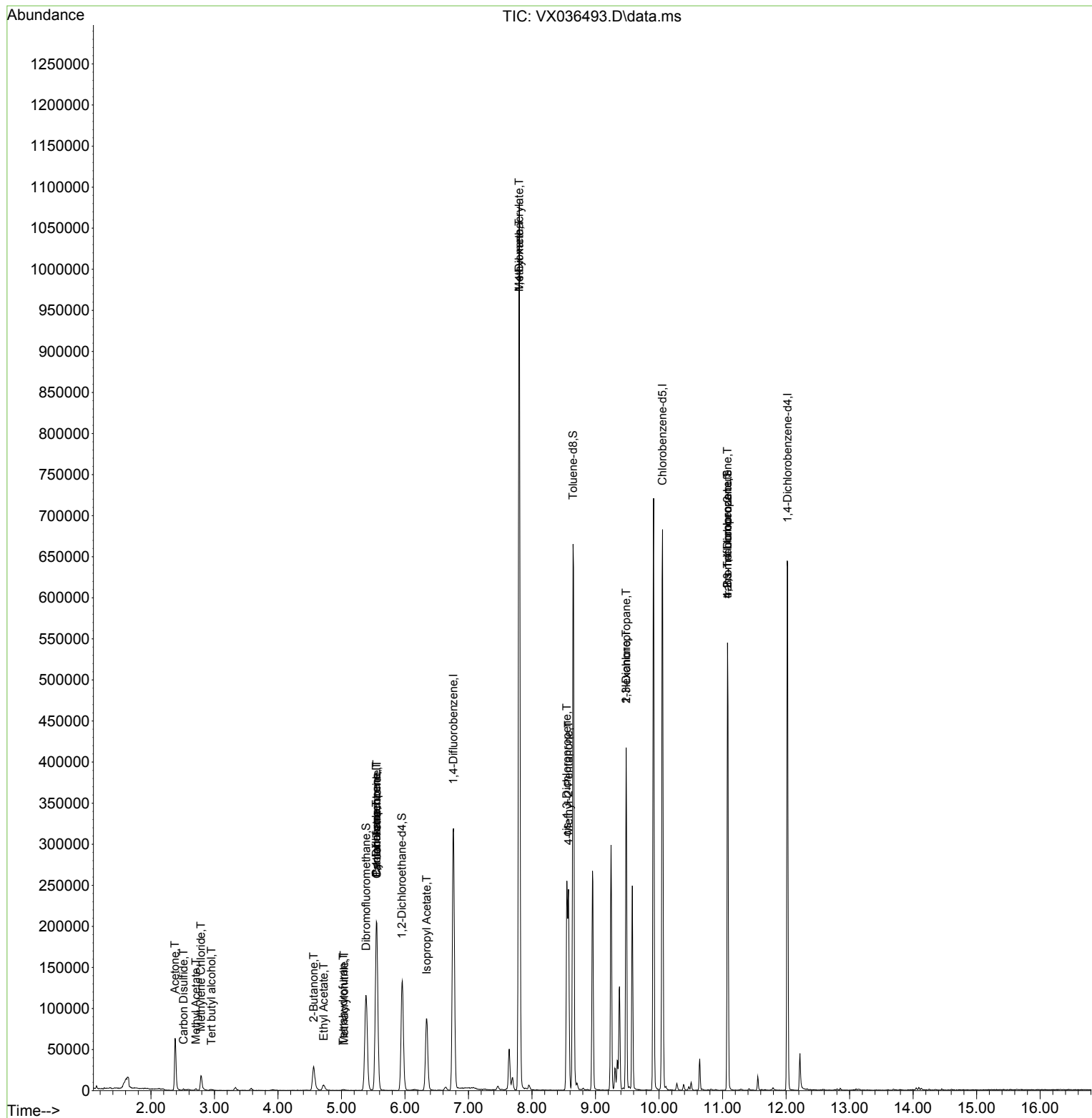
Internal Standards						
1) Pentafluorobenzene	5.550	168	191209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	328969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125996	45.970	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.940%		
35) Dibromofluoromethane	5.385	113	103173	47.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.120%		
50) Toluene-d8	8.647	98	405573	50.060	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.120%		
62) 4-Bromofluorobenzene	11.079	95	140888	49.370	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	1136	2.277	ug/l #	78
16) Acetone	2.380	43	69262	59.122	ug/l	93
17) Carbon Disulfide	2.514	76	2126	0.398	ug/l #	91
18) Methyl Acetate	2.709	43	2773	0.576	ug/l	93
20) Methylene Chloride	2.788	84	9122	3.616	ug/l #	82
25) 2-Butanone	4.562	43	50388	29.935	ug/l	99
29) Tetrahydrofuran	5.025	42	891	0.831	ug/l #	58
31) Cyclohexane	5.550	56	4528	1.289	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	15709	4.858	ug/l #	50
37) Ethyl Acetate	4.721	43	13413	4.070	ug/l #	91
38) Carbon Tetrachloride	5.556	117	19920	6.745	ug/l #	16
41) Methacrylonitrile	5.044	41	762	0.417	ug/l #	25
43) Isopropyl Acetate	6.342	43	121945	23.196	ug/l	96
48) Methyl methacrylate	7.799	41	91537	34.921	ug/l #	49
49) 1,4-Dioxane	7.799	88	152	2.616	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	209793	61.940	ug/l #	83
54) cis-1,3-Dichloropropene	8.549	75	36744	10.276	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	3416	0.838	ug/l #	42
59) 2-Hexanone	9.482	43	45913	18.563	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	73770	25.768	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	73770	83.999	ug/l #	5

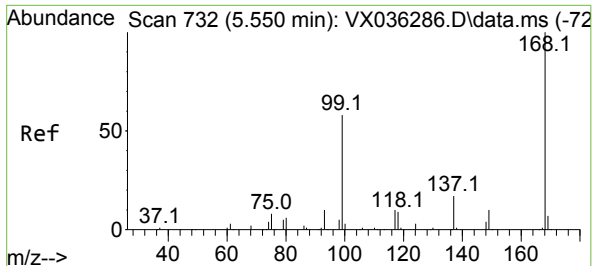
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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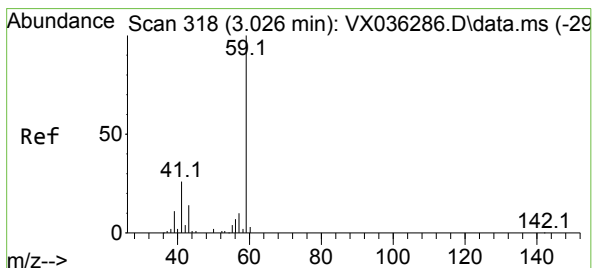
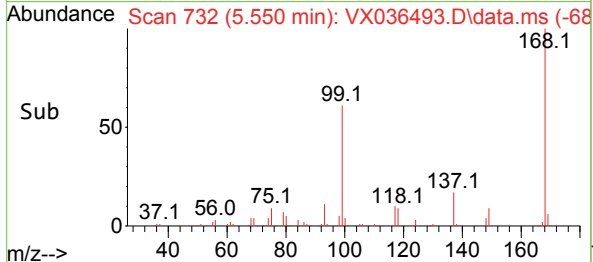
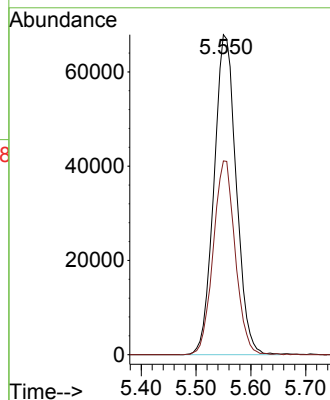
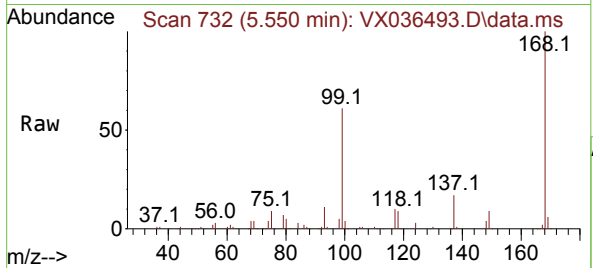




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

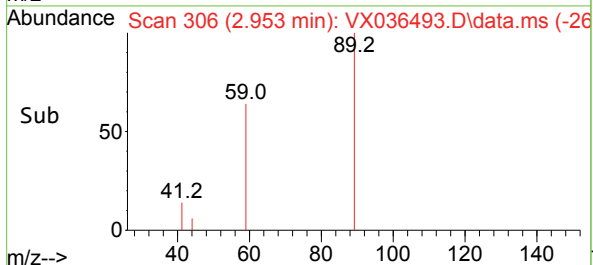
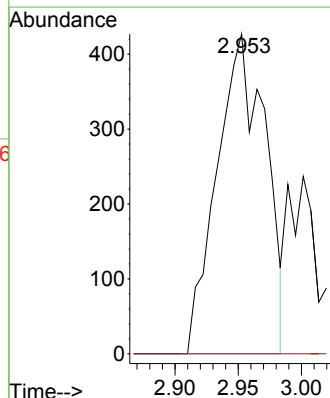
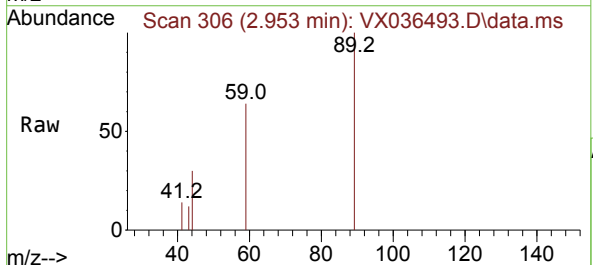
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

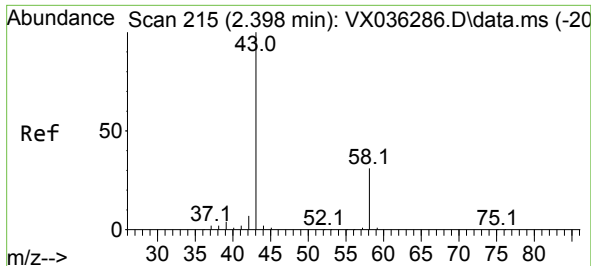
Tgt Ion:168 Resp: 191209
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.277 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.060 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Tgt Ion: 59 Resp: 1136
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

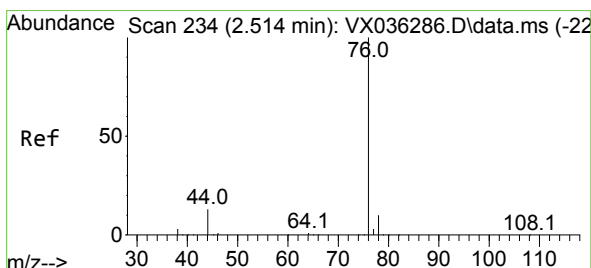
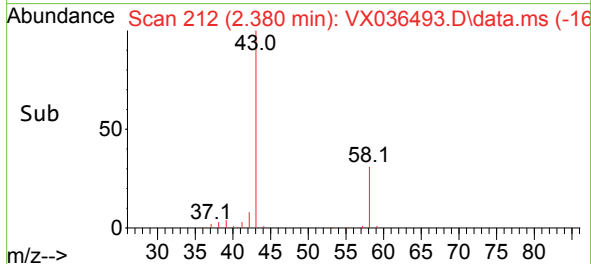
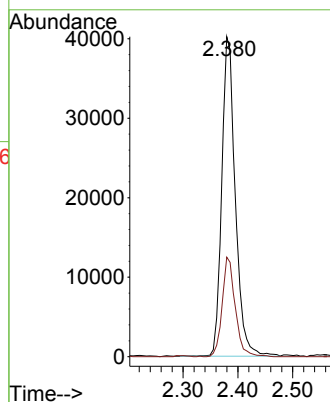
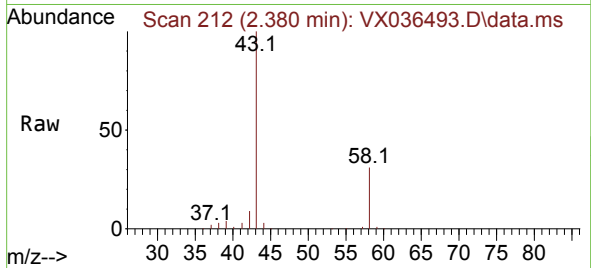




#16
Acetone
Concen: 59.122 ug/l
RT: 2.380 min Scan# 215
Delta R.T. -0.024 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

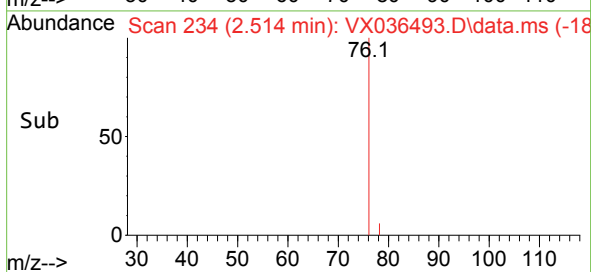
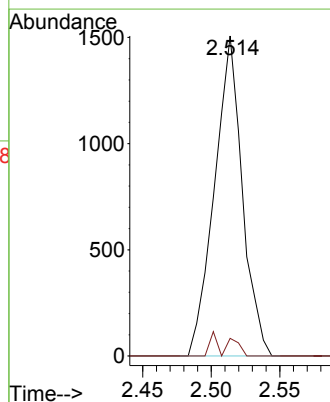
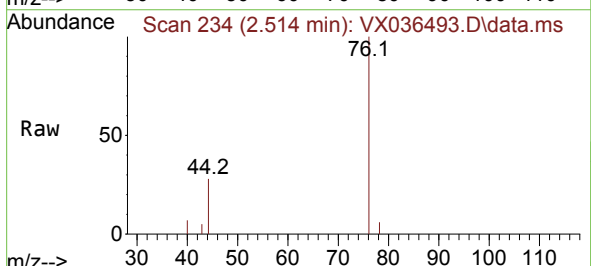
Instrument :
MSVOA_X
ClientSampleId :
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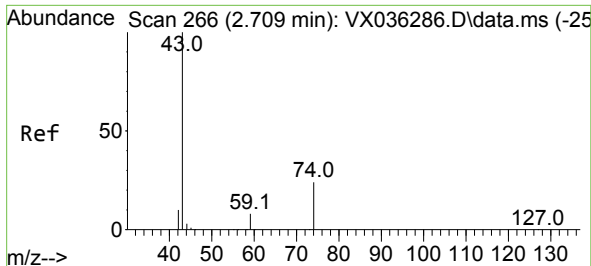
Tgt Ion: 43 Resp: 69262
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9



#17
Carbon Disulfide
Concen: 0.398 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Tgt Ion: 76 Resp: 2126
Ion Ratio Lower Upper
76 100
78 5.5 7.0 10.6#

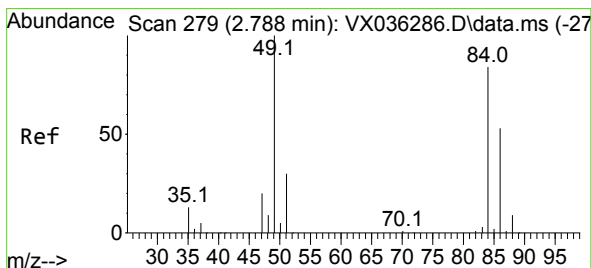
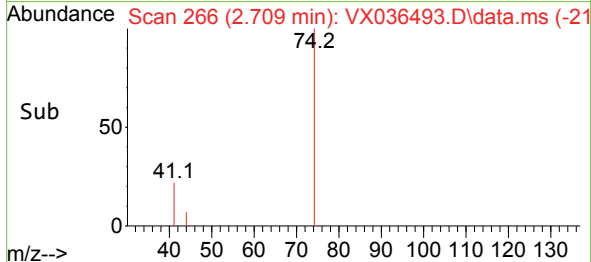
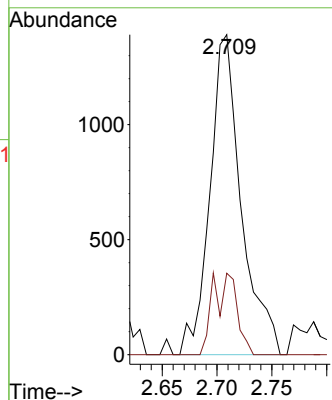
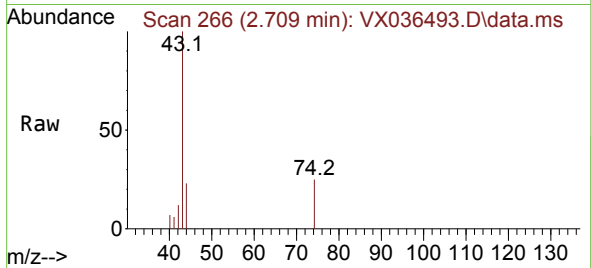




#18
Methyl Acetate
Concen: 0.576 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

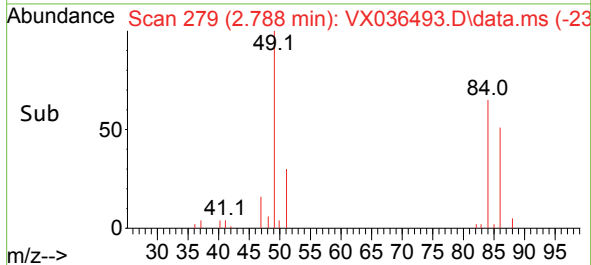
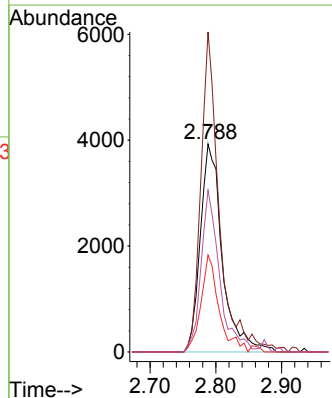
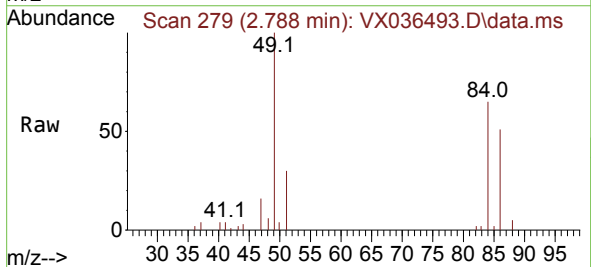
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

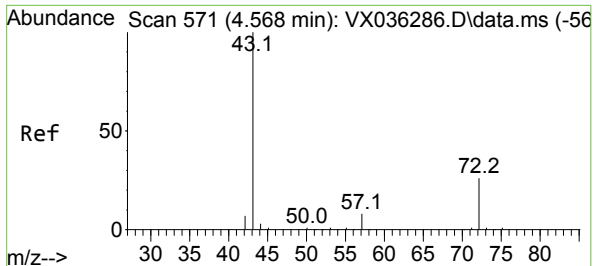
Tgt Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
74 19.1 17.8 26.8



#20
Methylene Chloride
Concen: 3.616 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Tgt Ion: 84 Resp: 9122
Ion Ratio Lower Upper
84 100
49 153.9 103.6 155.4
51 46.6 33.8 50.6
86 77.7 49.4 74.0#

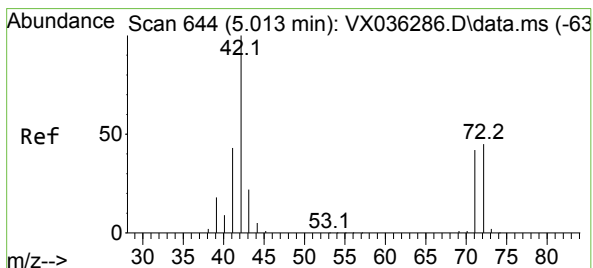
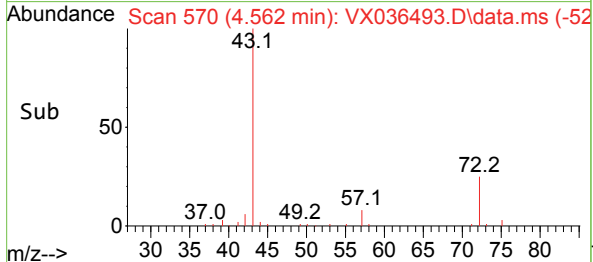
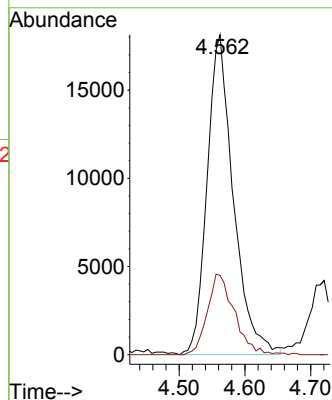
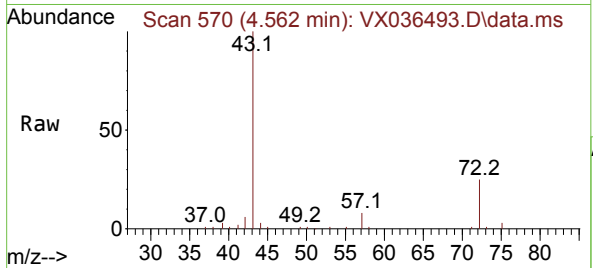




#25
2-Butanone
Concen: 29.935 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

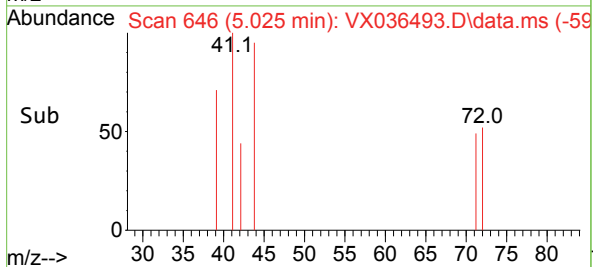
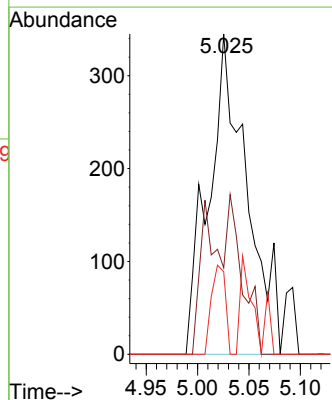
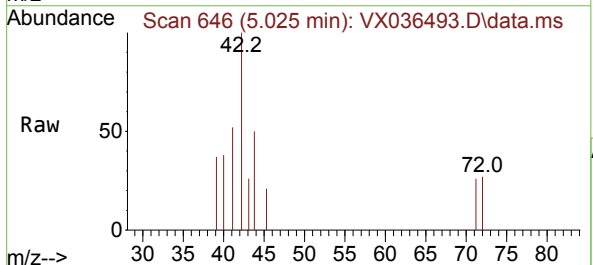
Instrument :
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ClientSampleId :
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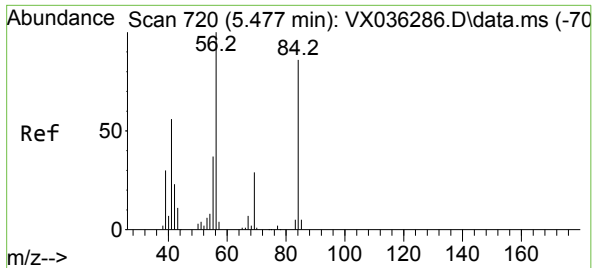
Tgt Ion: 43 Resp: 50388
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.831 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

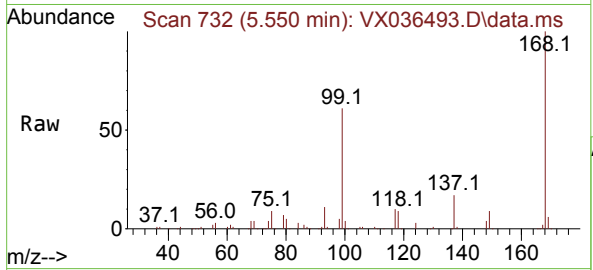
Tgt Ion: 42 Resp: 891
Ion Ratio Lower Upper
42 100
72 20.2 34.2 51.4#
71 10.1 32.2 48.2#



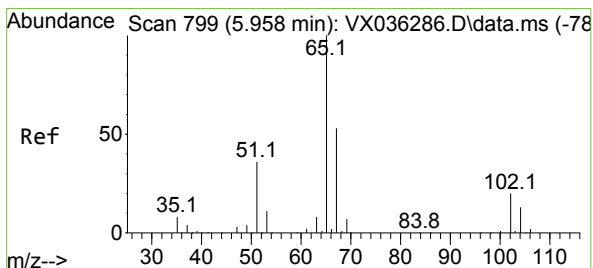
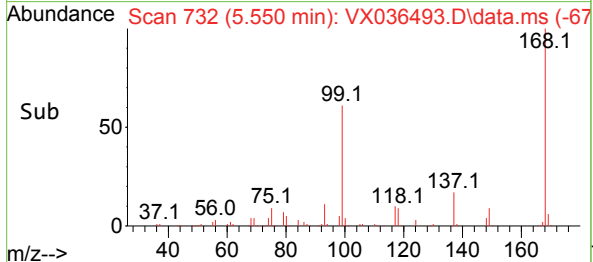
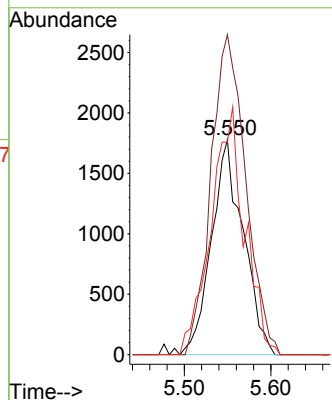


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

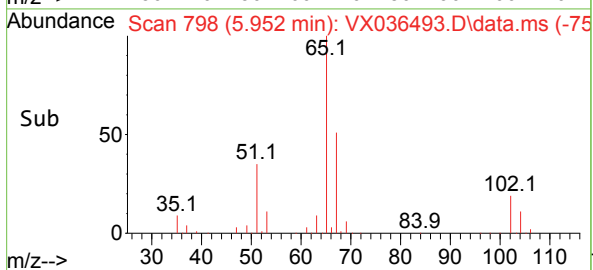
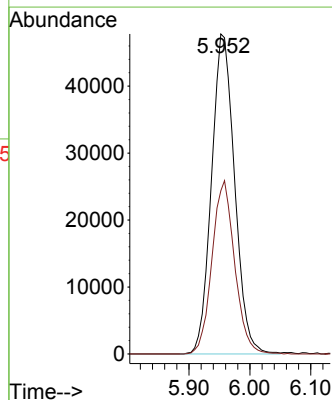
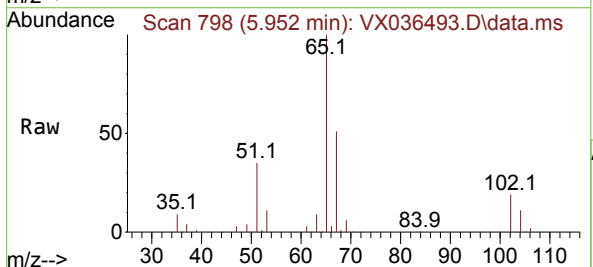


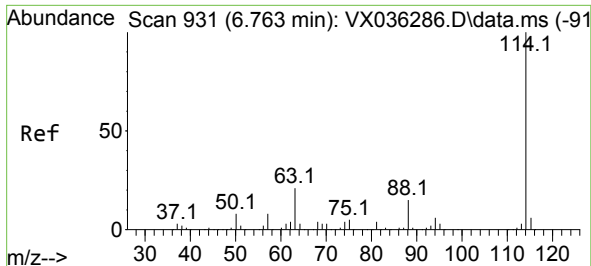
Tgt Ion: 56 Resp: 4528
Ion Ratio Lower Upper
56 100
69 148.9 23.4 35.2#
84 98.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.970 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Tgt Ion: 65 Resp: 125996
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

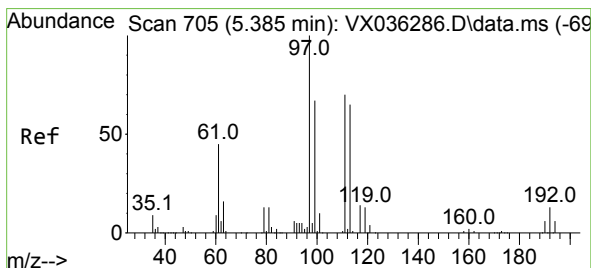
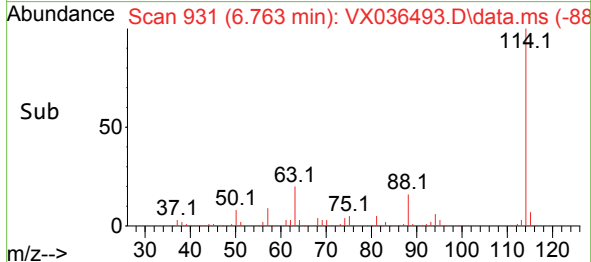
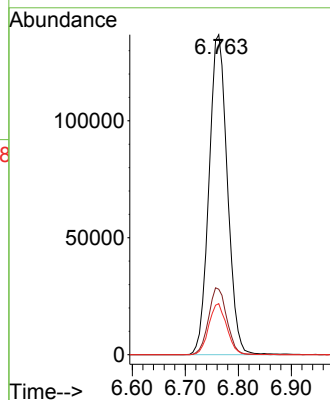
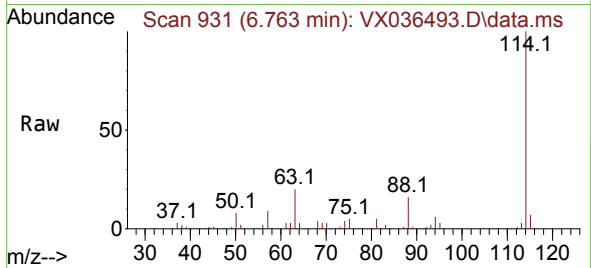




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

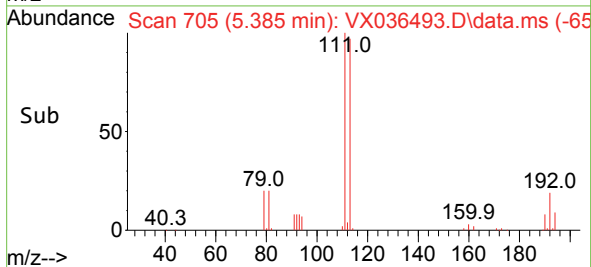
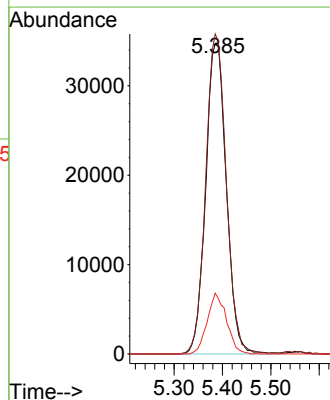
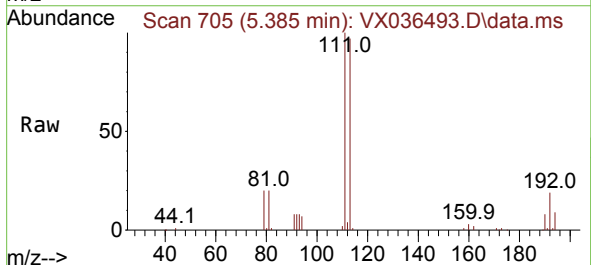
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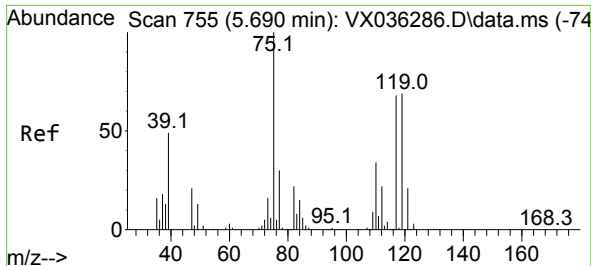
Tgt Ion:114 Resp: 328969
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.564 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Tgt Ion:113 Resp: 103173
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.2 13.3 19.9

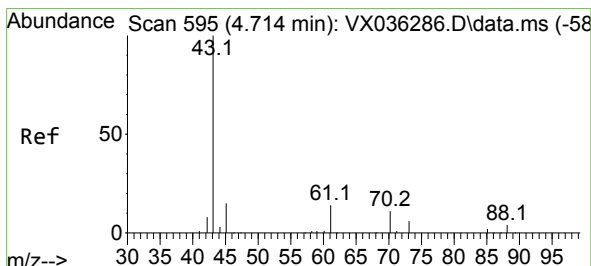
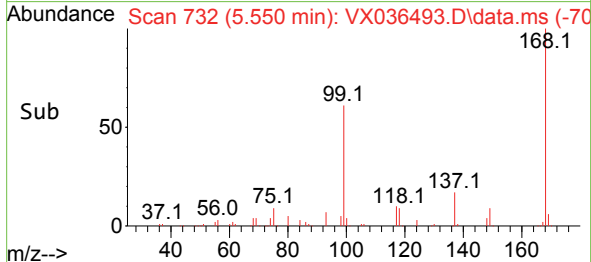
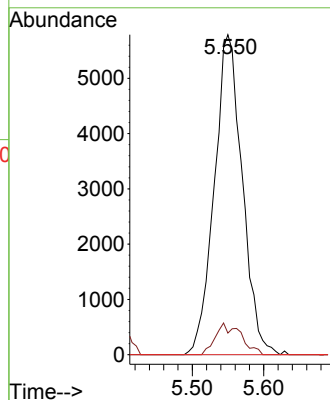
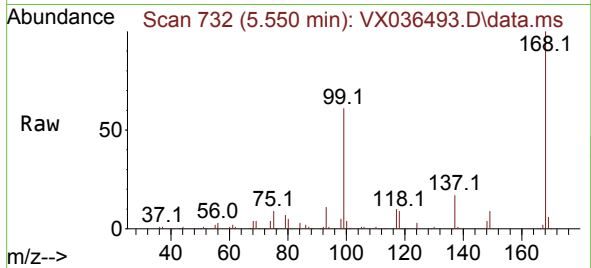




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

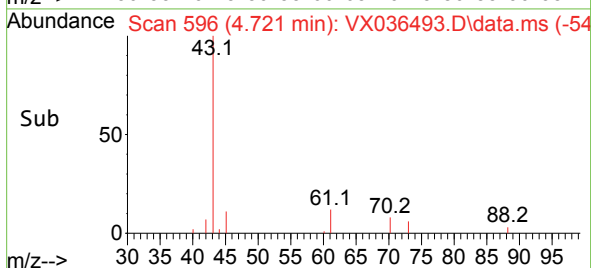
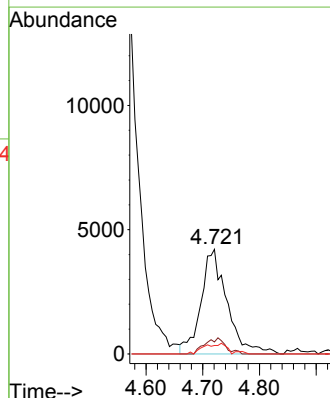
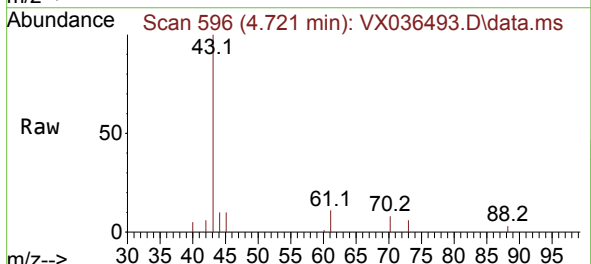
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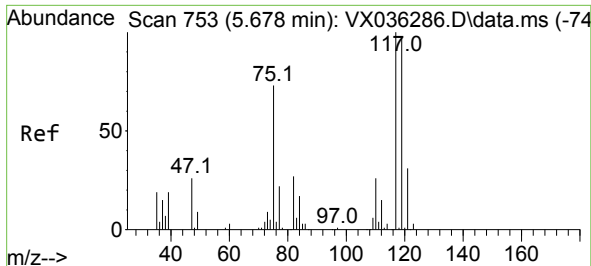
Tgt Ion: 75 Resp: 15709
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 4.070 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

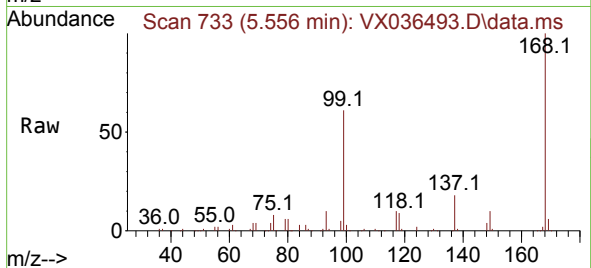
Tgt Ion: 43 Resp: 13413
Ion Ratio Lower Upper
43 100
61 12.1 10.6 16.0
70 3.9 8.3 12.5#



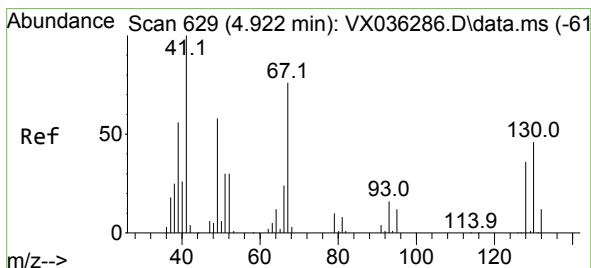
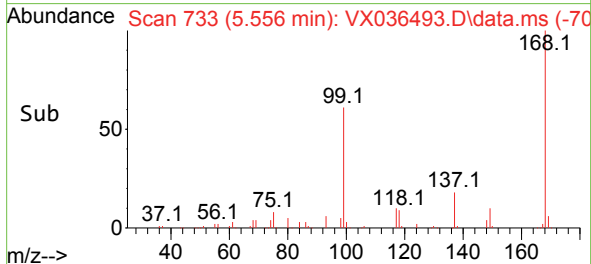
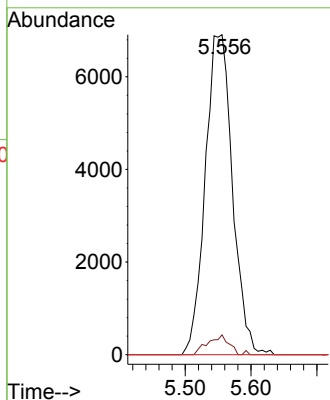


#38
Carbon Tetrachloride
Concen: 6.745 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

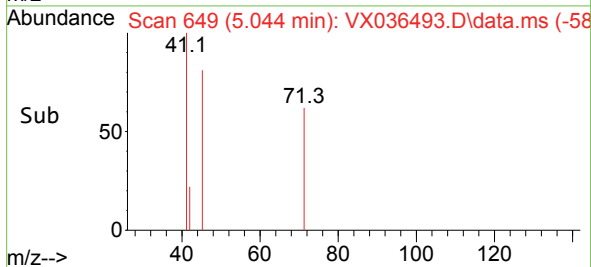
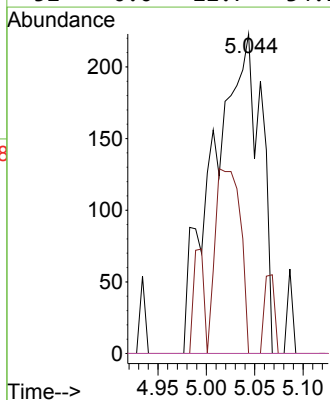
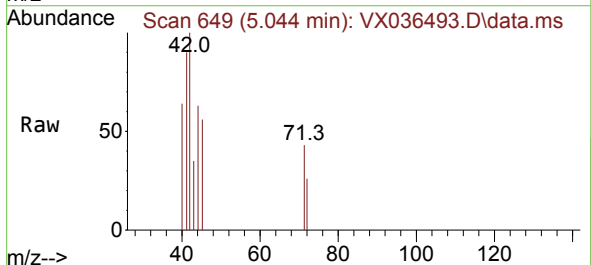


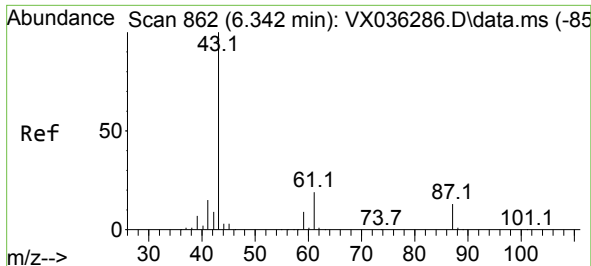
Tgt Ion:117 Resp: 19920
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.417 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.122 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Tgt Ion: 41 Resp: 762
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

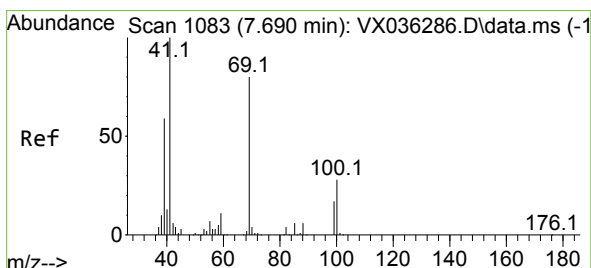
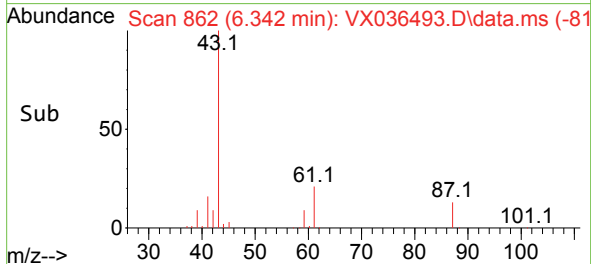
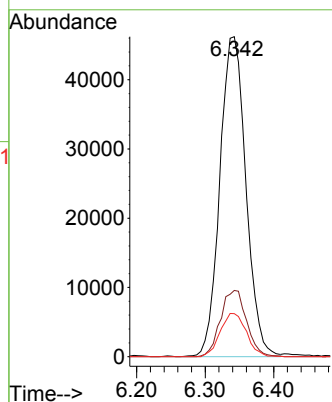
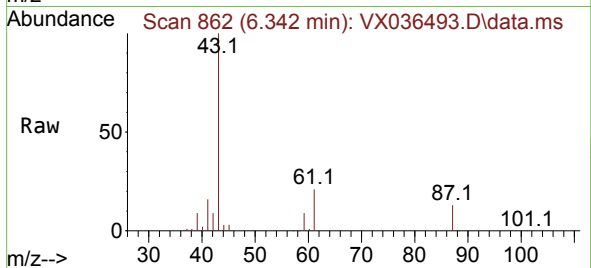




#43
Isopropyl Acetate
Concen: 23.196 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

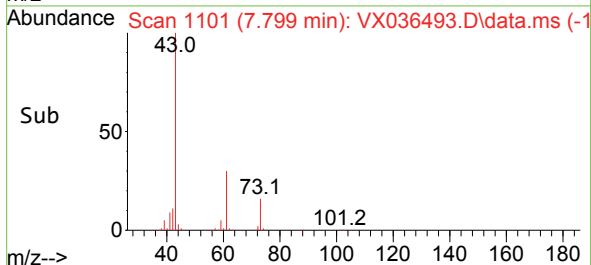
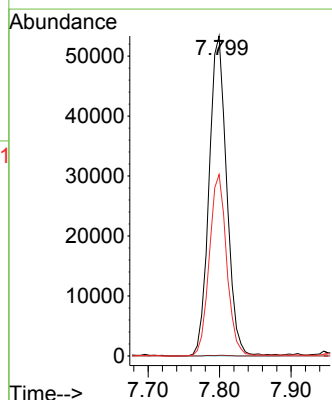
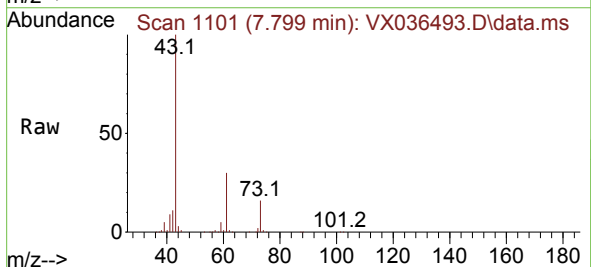
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

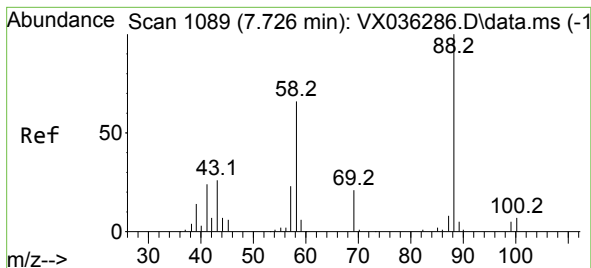
Tgt Ion: 43 Resp: 121945
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 13.6 9.8 14.6



#48
Methyl methacrylate
Concen: 34.921 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Tgt Ion: 41 Resp: 91537
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 55.6 47.7 71.5





#49

1,4-Dioxane

Concen: 2.616 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.067 min

Lab File: VX036493.D

Acq: 10 Jul 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

ETGI-289

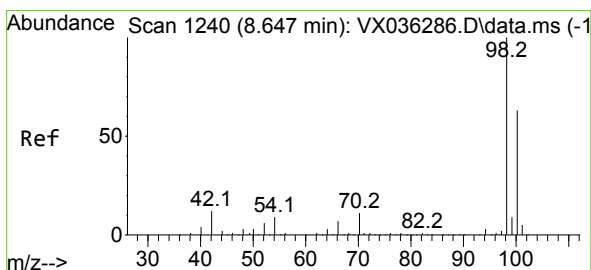
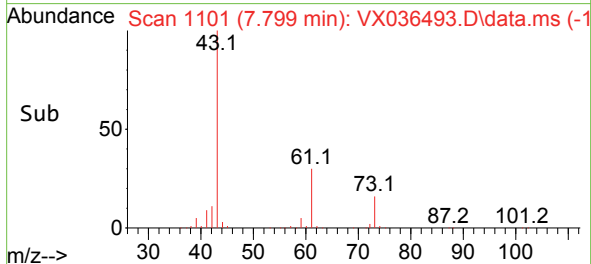
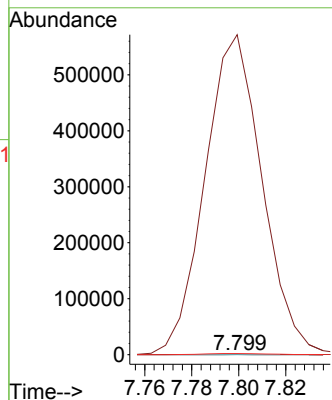
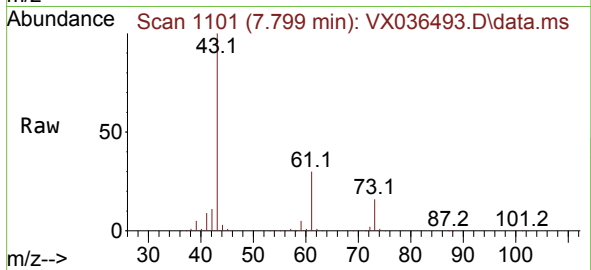
Tgt Ion: 88 Resp: 152

Ion Ratio Lower Upper

88 100

43 640234.9 0.0 0.0#

58 2668.4 60.1 90.1#



#50

Toluene-d8

Concen: 50.060 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036493.D

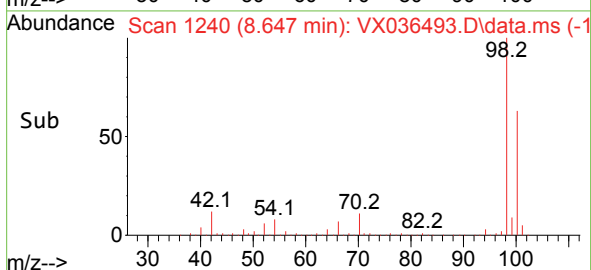
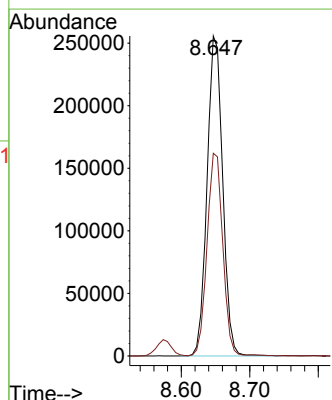
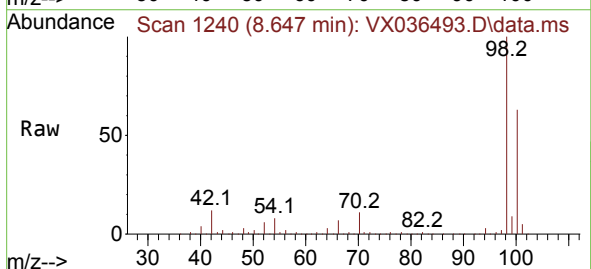
Acq: 10 Jul 2023 19:17

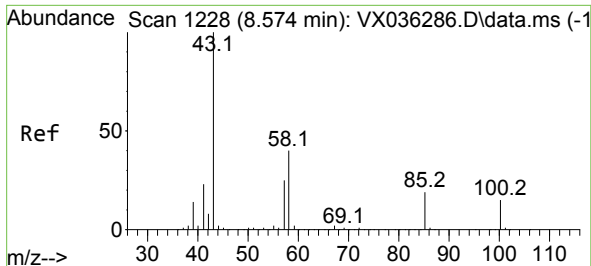
Tgt Ion: 98 Resp: 405573

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7

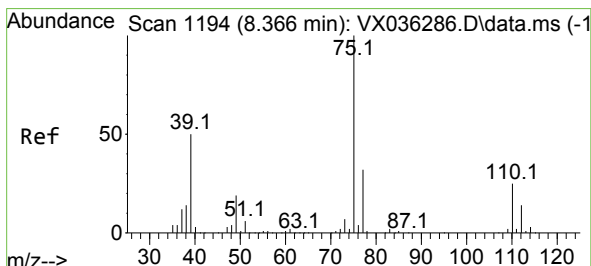
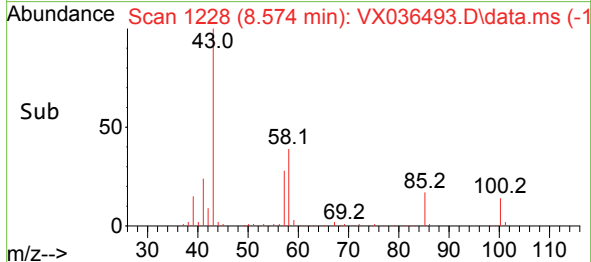
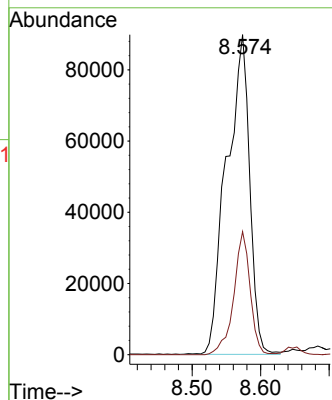
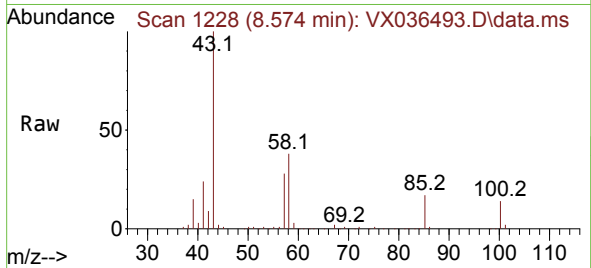




#51
4-Methyl-2-Pentanone
Concen: 61.940 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

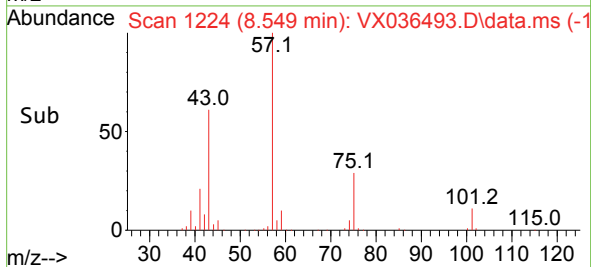
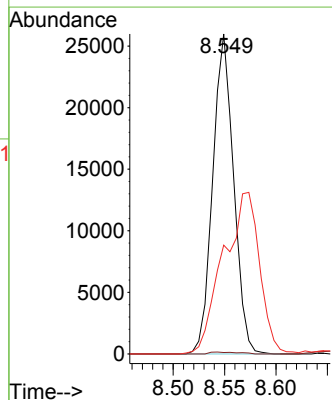
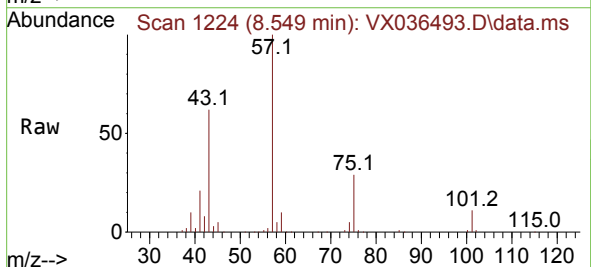
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

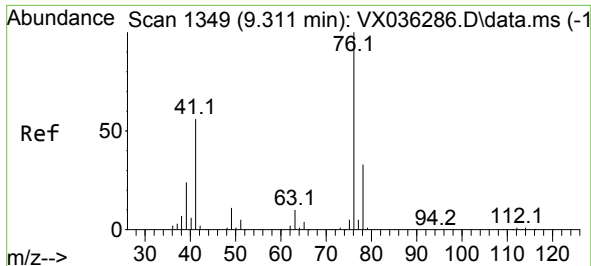
Tgt Ion: 43 Resp: 209793
Ion Ratio Lower Upper
43 100
58 27.5 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 10.276 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Tgt Ion: 75 Resp: 36744
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 34.0 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 0.838 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX036493.D

Acq: 10 Jul 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

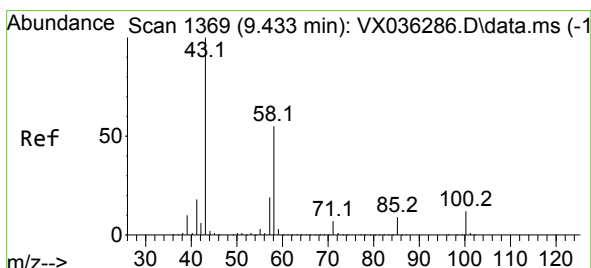
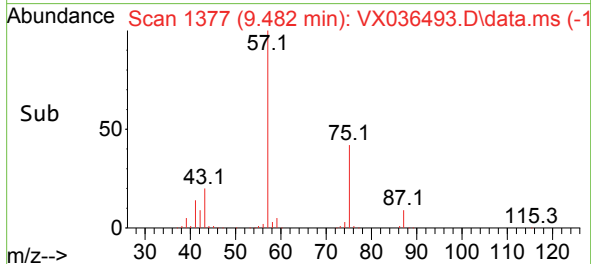
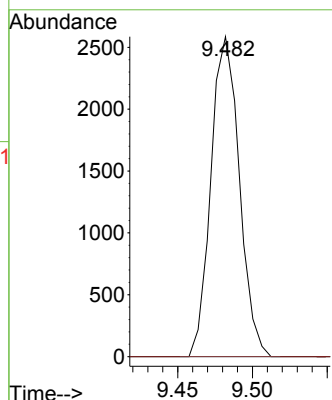
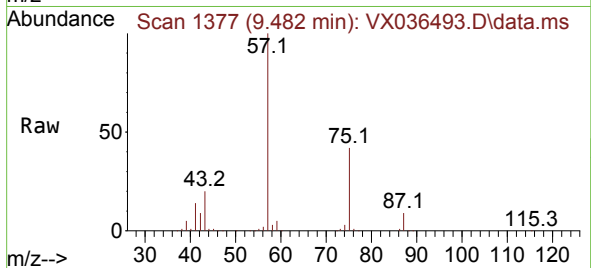
ETGI-289

Tgt Ion: 76 Resp: 3416

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 18.563 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX036493.D

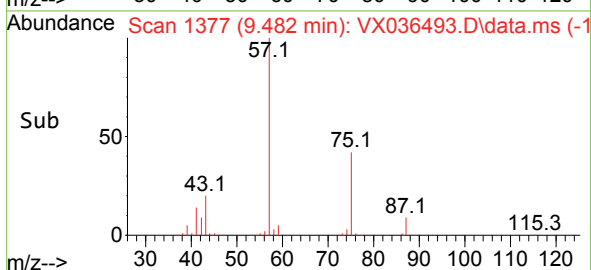
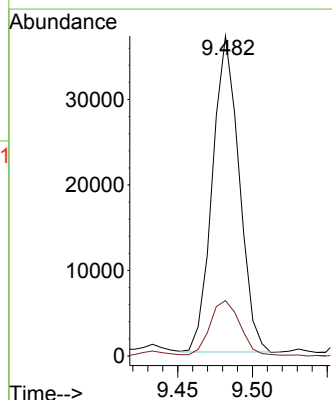
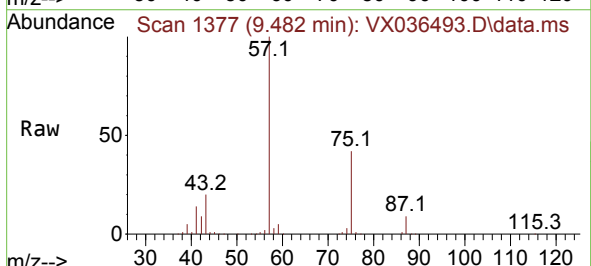
Acq: 10 Jul 2023 19:17

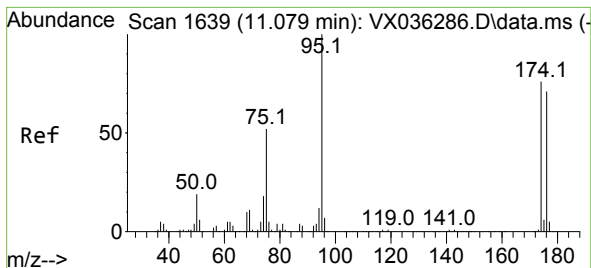
Tgt Ion: 43 Resp: 45913

Ion Ratio Lower Upper

43 100

58 20.1 26.2 78.5#

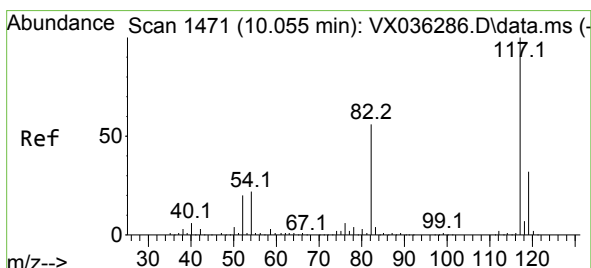
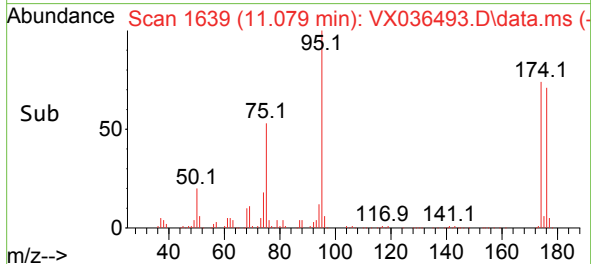
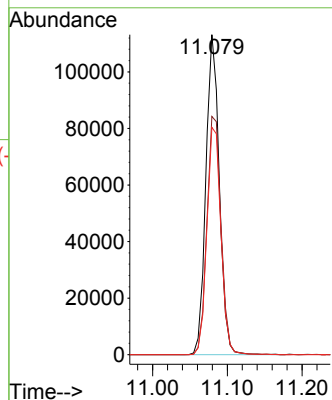
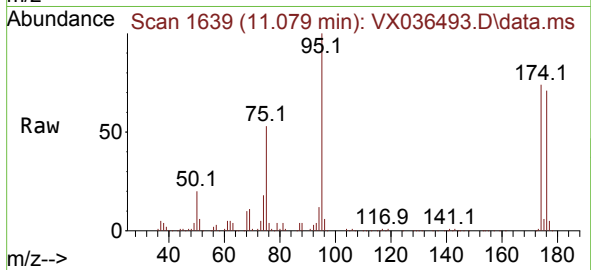




#62
4-Bromofluorobenzene
Concen: 49.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

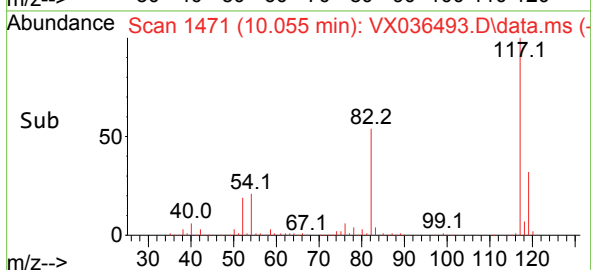
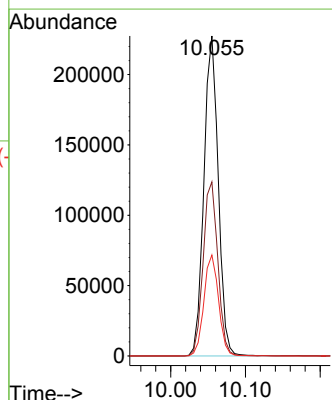
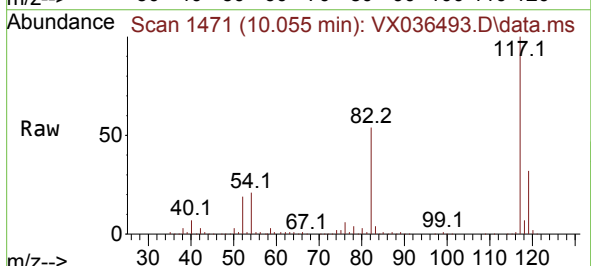
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

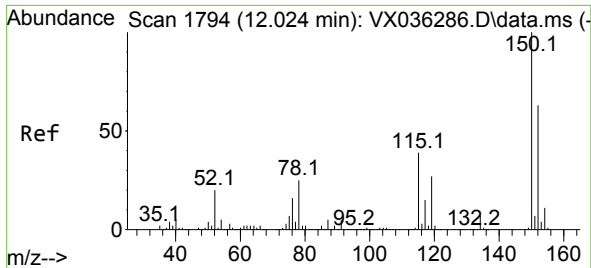
Tgt Ion: 95 Resp: 140888
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 74.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

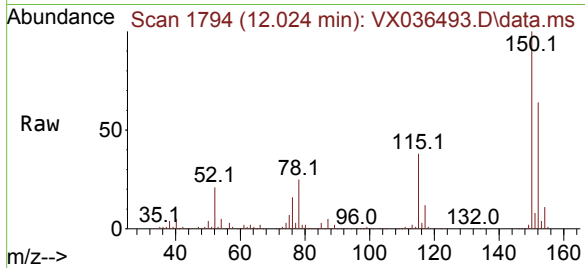
Tgt Ion: 117 Resp: 303333
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 31.6 25.5 38.3



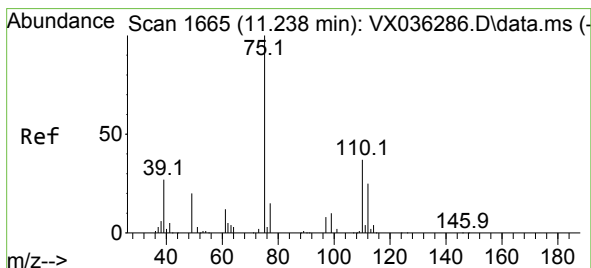
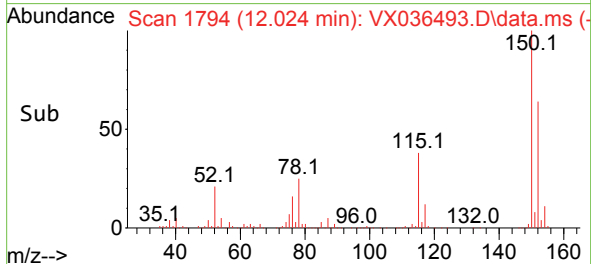
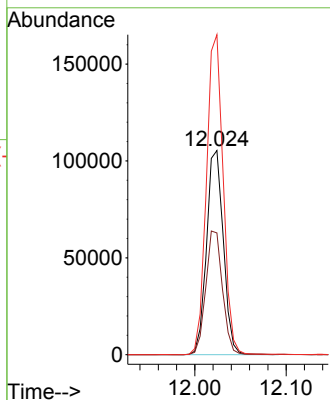


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

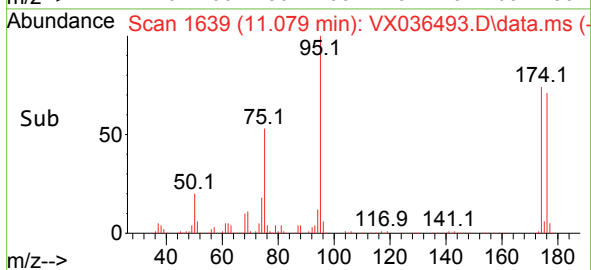
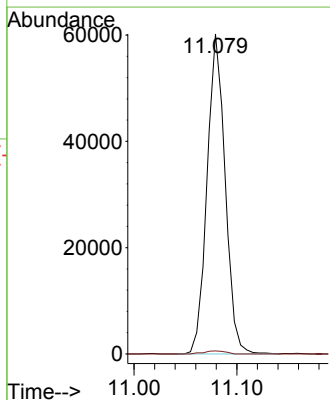
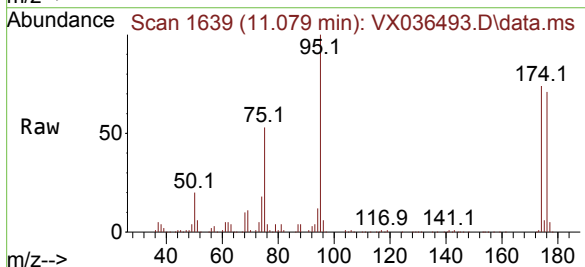


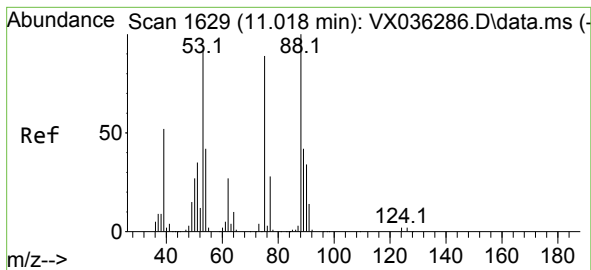
Tgt Ion:152 Resp: 134213
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 155.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036493.D
Acq: 10 Jul 2023 19:17

Tgt Ion: 75 Resp: 73770
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.999 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036493.D
 Acq: 10 Jul 2023 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-289

Tgt Ion: 75 Resp: 73770
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

