

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036491.D
 Acq On : 10 Jul 2023 18:30
 Operator : JC/MD
 Sample : 03555-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-369

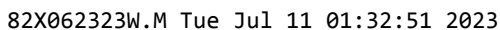
Quant Time: Jul 11 01:32:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

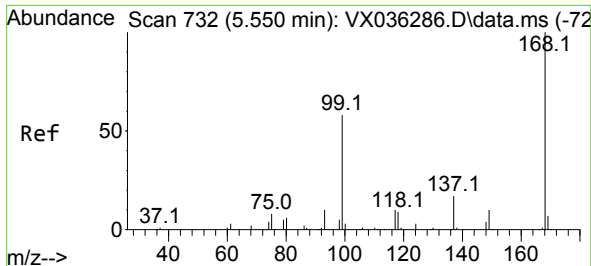
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	177304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	302788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117280	46.145	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.300%		
35) Dibromofluoromethane	5.385	113	95582	47.875	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.647	98	370826	49.729	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.460%		
62) 4-Bromofluorobenzene	11.079	95	133135	50.688	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.380%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	66303	61.034	ug/l	90
18) Methyl Acetate	2.709	43	2827	0.633	ug/l	97
20) Methylene Chloride	2.788	84	7217	3.086	ug/l	97
25) 2-Butanone	4.562	43	48951	31.362	ug/l	93
29) Tetrahydrofuran	5.007	42	1000	1.006	ug/l #	43
31) Cyclohexane	5.550	56	3897	1.197	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	14029	4.714	ug/l #	51
37) Ethyl Acetate	4.708	43	11642	3.838	ug/l	98
38) Carbon Tetrachloride	5.550	117	18600	6.843	ug/l #	15
41) Methacrylonitrile	5.032	41	700	0.416	ug/l #	38
43) Isopropyl Acetate	6.336	43	122341	25.283	ug/l	98
48) Methyl methacrylate	7.799	41	90228	37.398	ug/l #	49
49) 1,4-Dioxane	7.799	88	48	0.897	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	219401	70.378	ug/l #	82
53) t-1,3-Dichloropropene	8.958	75	597	0.205	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	39972	12.145	ug/l #	60
56) Ethyl methacrylate	9.244	69	718	0.219	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3734	0.995	ug/l #	42
59) 2-Hexanone	9.482	43	49190	21.607	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	69743	25.279	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	69743	82.402	ug/l #	5

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

Quant Time: Jul 11 01:32:42 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

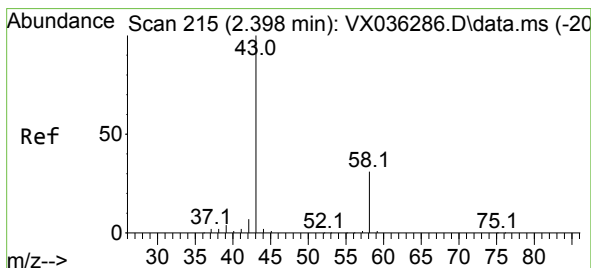
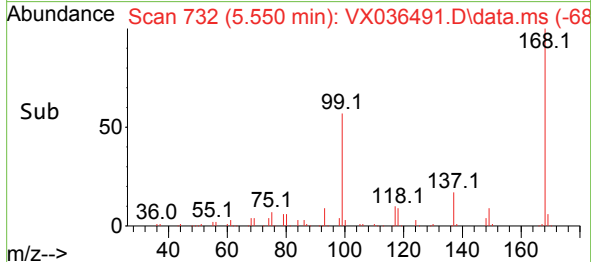
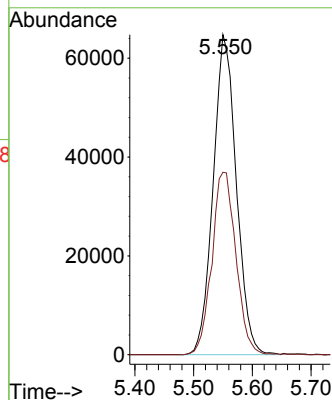
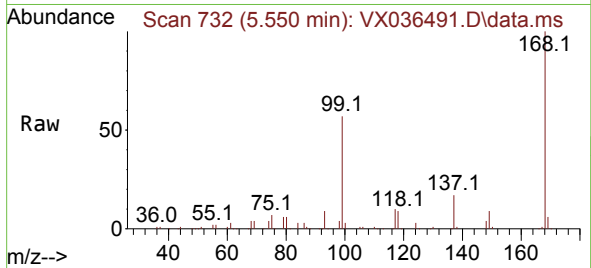




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

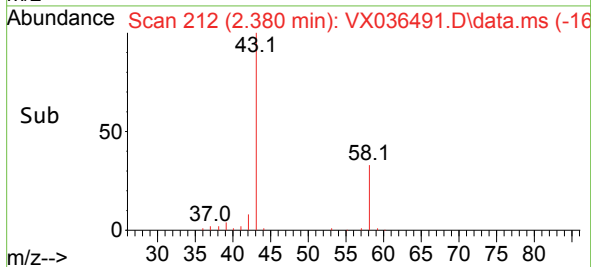
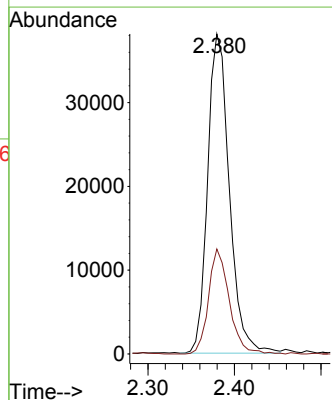
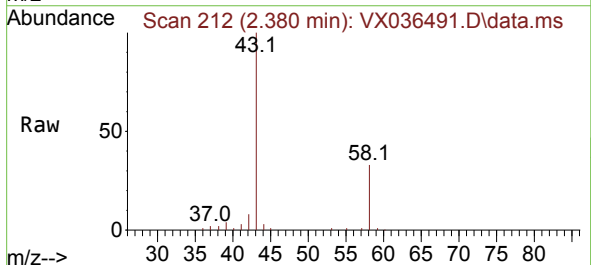
Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

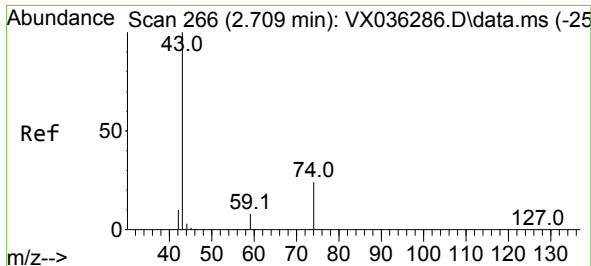
Tgt Ion:168 Resp: 177304
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#16
Acetone
Concen: 61.034 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 43 Resp: 66303
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9

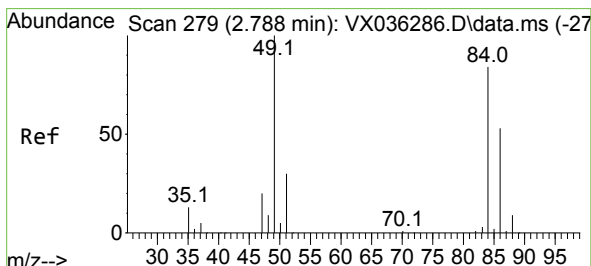
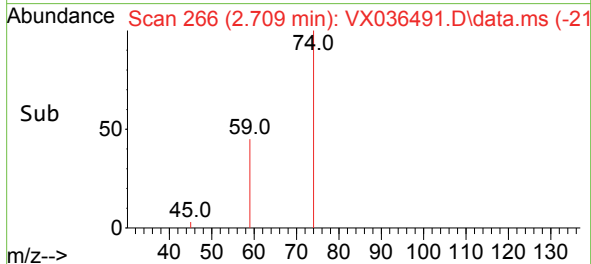
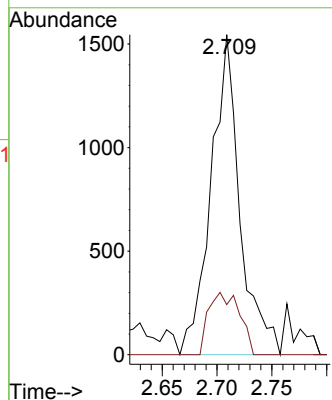
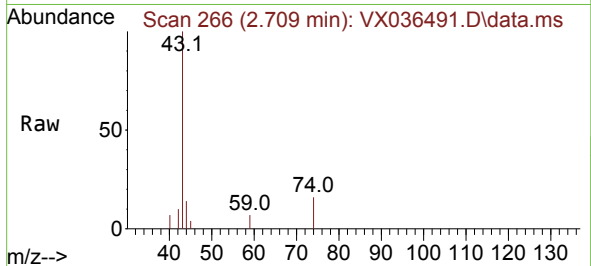




#18
Methyl Acetate
Concen: 0.633 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

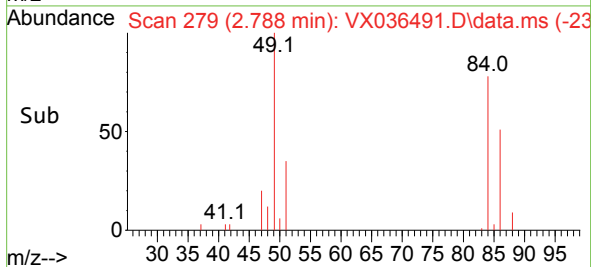
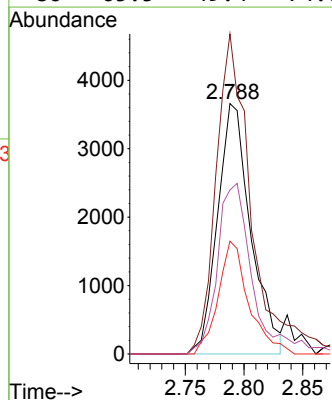
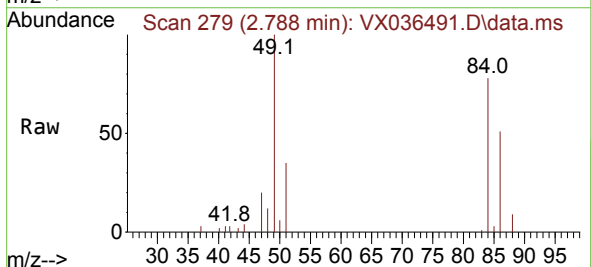
Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

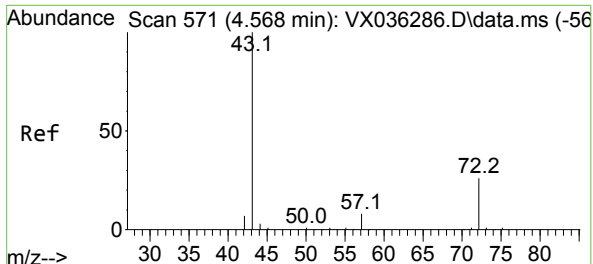
Tgt Ion: 43 Resp: 2827
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.8



#20
Methylene Chloride
Concen: 3.086 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 84 Resp: 7217
Ion Ratio Lower Upper
84 100
49 127.8 103.6 155.4
51 45.0 33.8 50.6
86 65.5 49.4 74.0

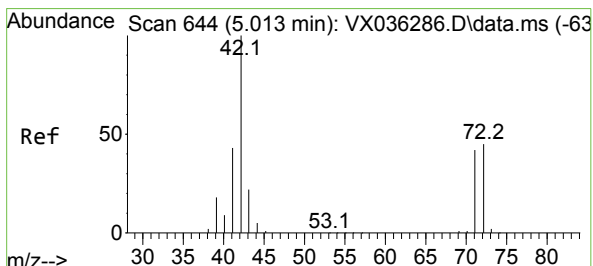
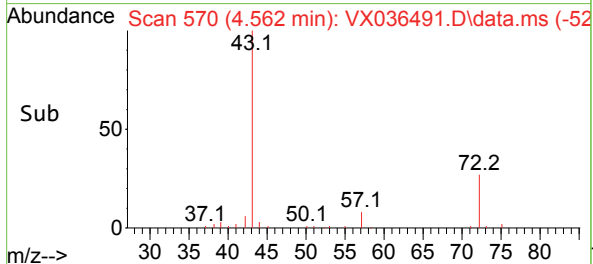
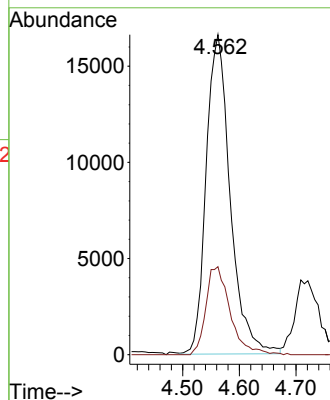
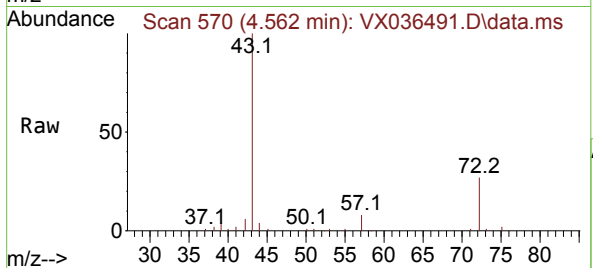




#25
2-Butanone
Concen: 31.362 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

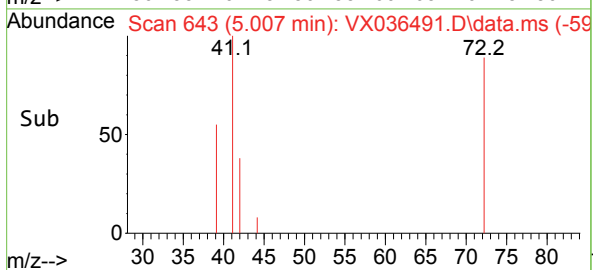
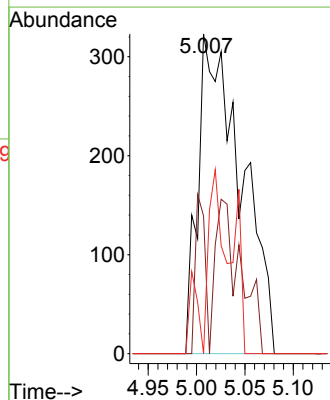
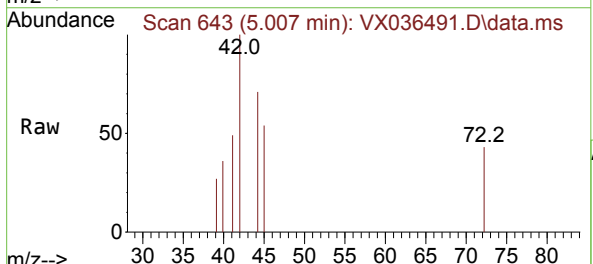
Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

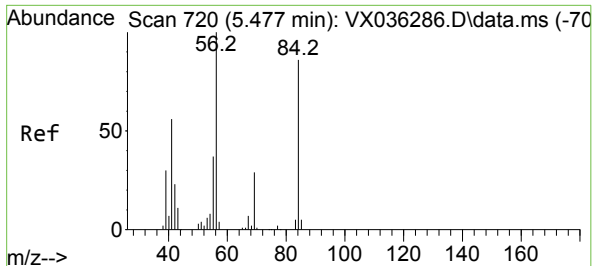
Tgt Ion: 43 Resp: 48951
Ion Ratio Lower Upper
43 100
72 27.6 19.4 29.2



#29
Tetrahydrofuran
Concen: 1.006 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.012 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

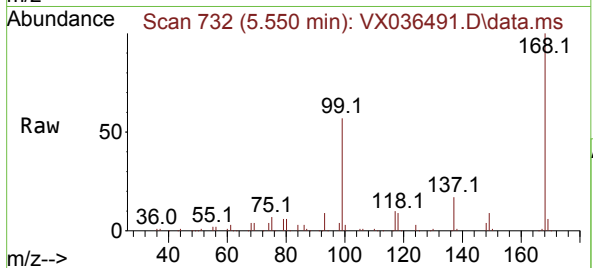
Tgt Ion: 42 Resp: 1000
Ion Ratio Lower Upper
42 100
72 11.0 34.2 51.4#
71 0.0 32.2 48.2#



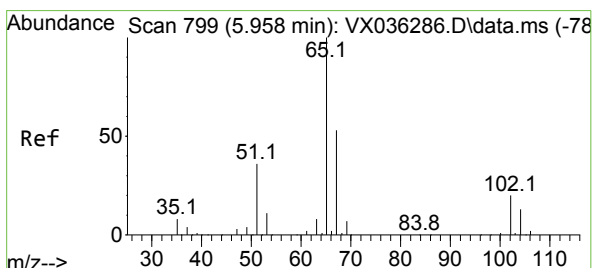
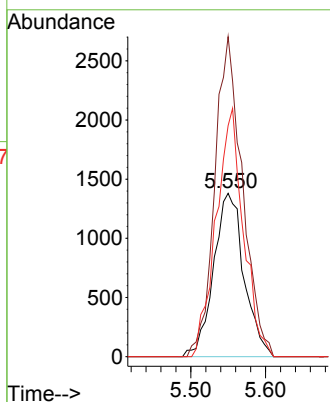
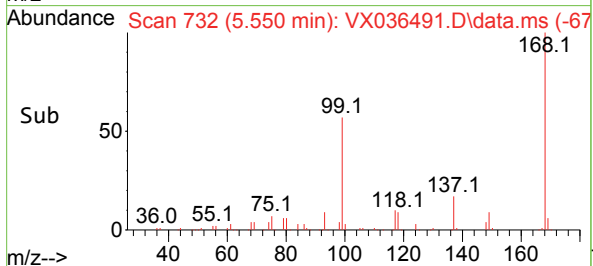


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.080 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

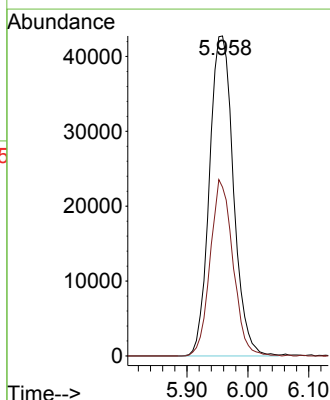
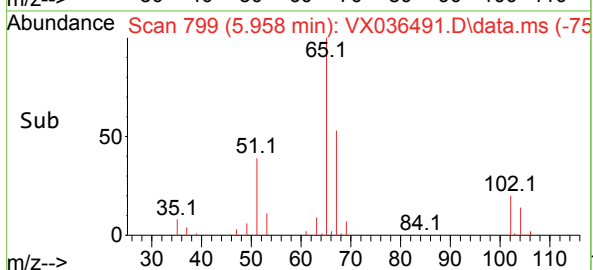
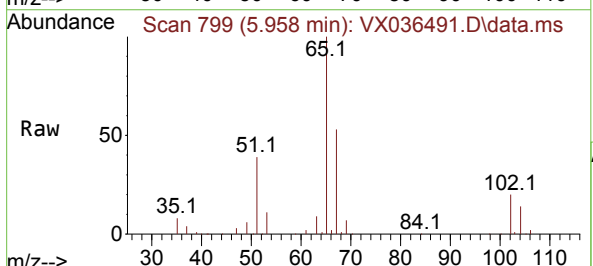


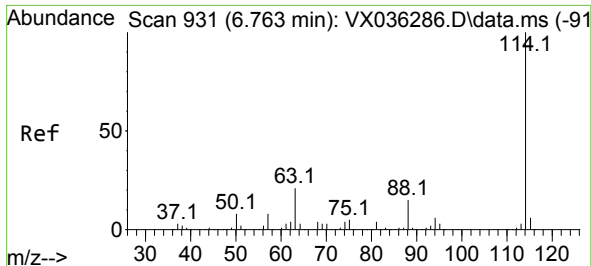
Tgt Ion: 56 Resp: 3897
Ion Ratio Lower Upper
56 100
69 195.8 23.4 35.2#
84 141.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.145 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 65 Resp: 117280
Ion Ratio Lower Upper
65 100
67 52.2 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: VX036491.D

Acq: 10 Jul 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

ETGI-369

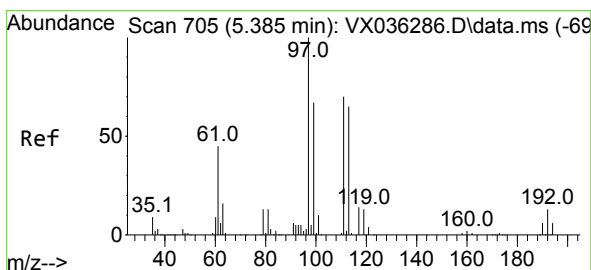
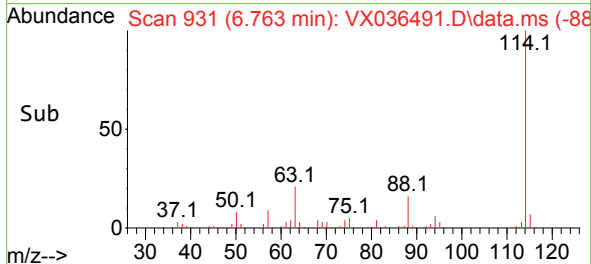
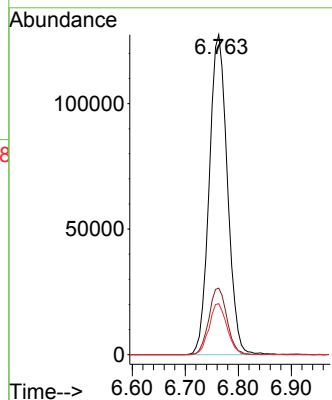
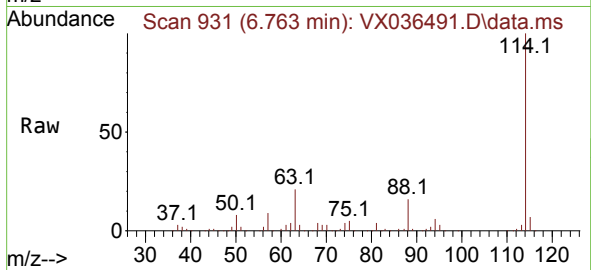
Tgt Ion:114 Resp: 302788

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.0 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.875 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036491.D

Acq: 10 Jul 2023 18:30

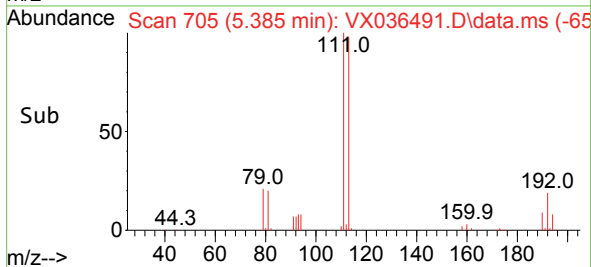
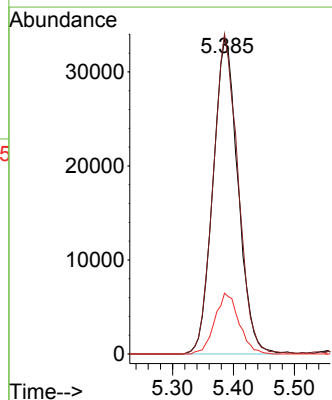
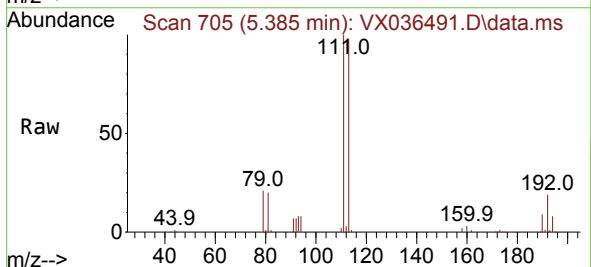
Tgt Ion:113 Resp: 95582

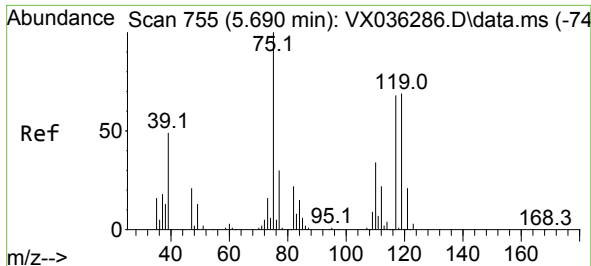
Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

192 18.7 13.3 19.9

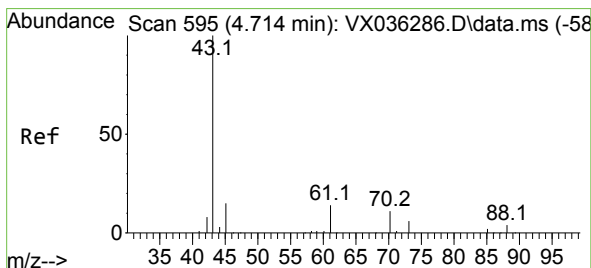
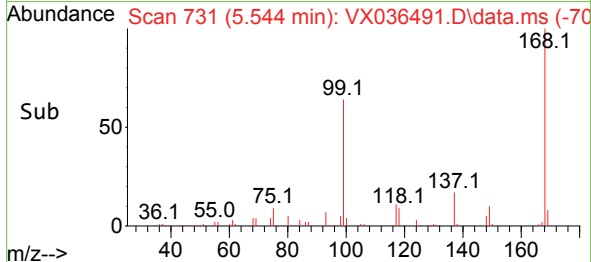
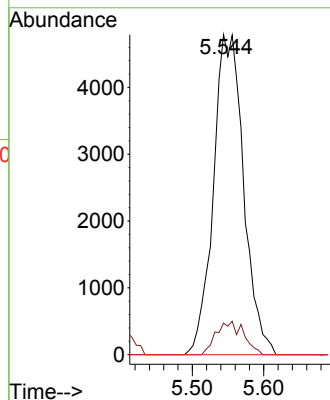
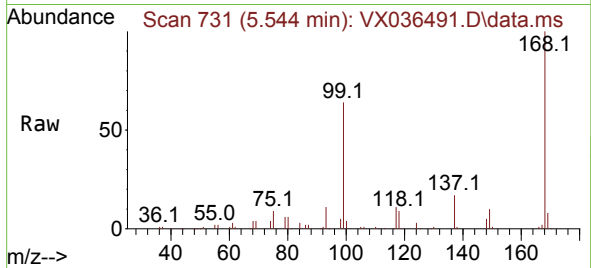




#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

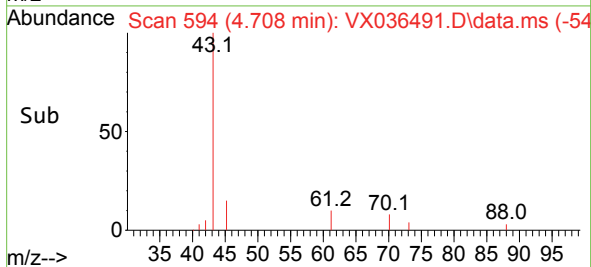
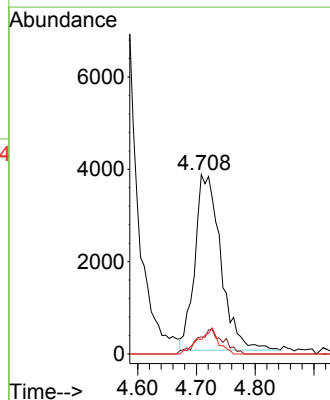
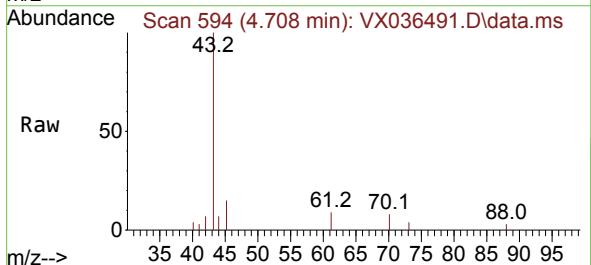
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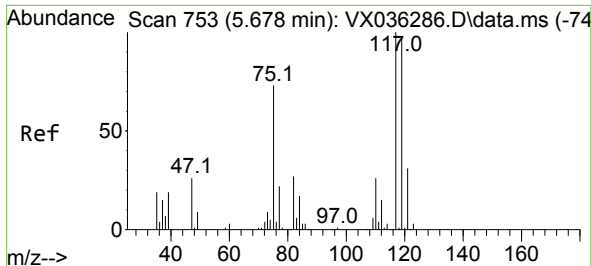
Tgt Ion: 75 Resp: 14029
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 3.838 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 43 Resp: 11642
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 11.2 8.3 12.5

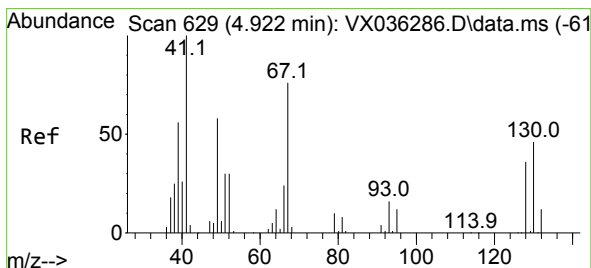
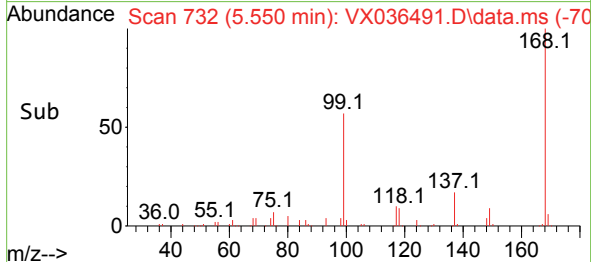
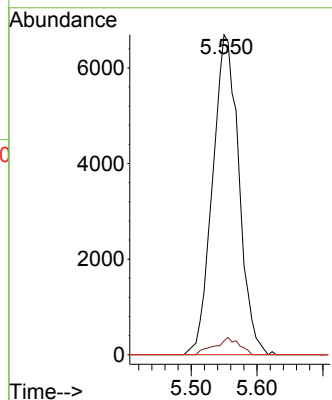
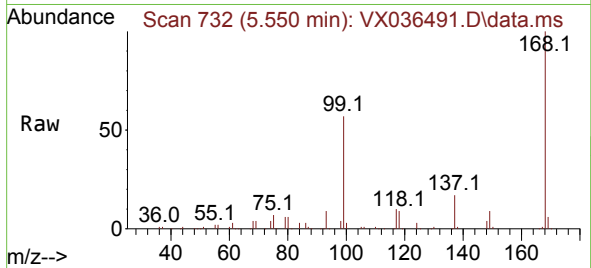




#38
Carbon Tetrachloride
Concen: 6.843 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

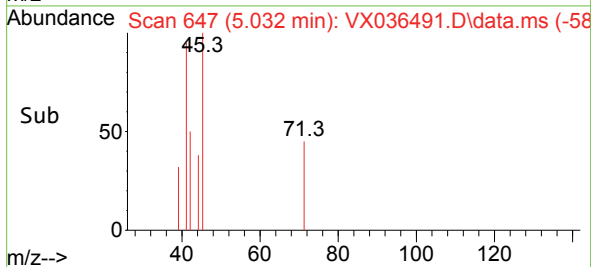
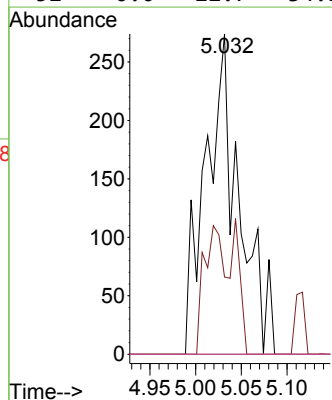
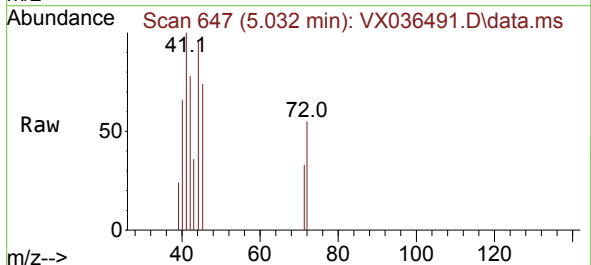
Instrument :
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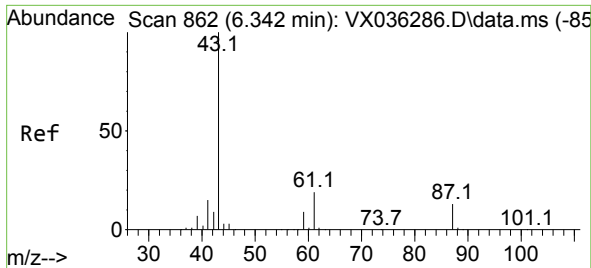
Tgt Ion:117 Resp: 18600
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.416 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 41 Resp: 700
Ion Ratio Lower Upper
41 100
39 26.3 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

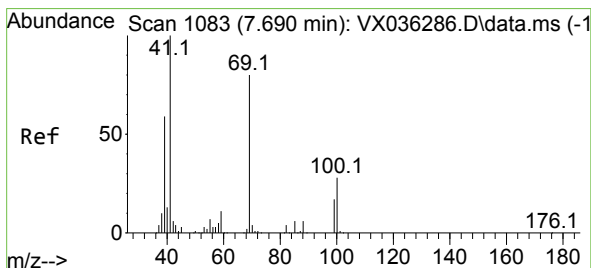
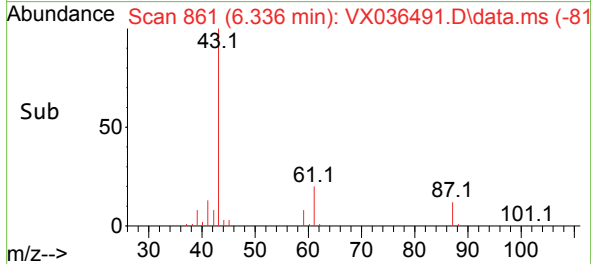
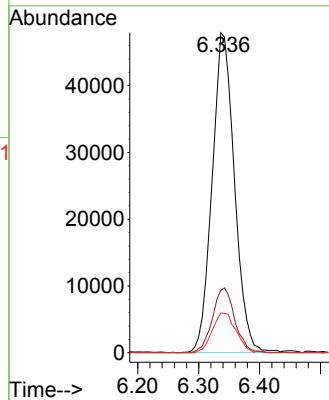
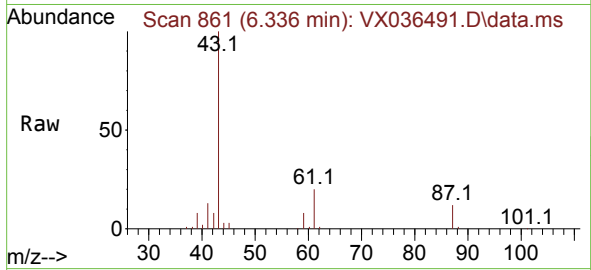




#43
Isopropyl Acetate
Concen: 25.283 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

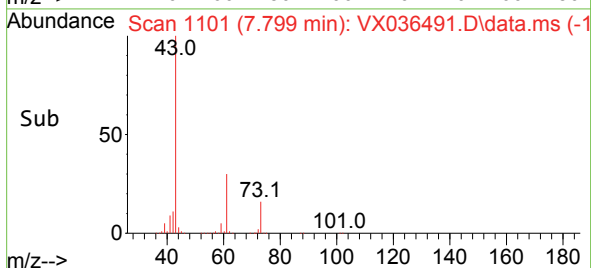
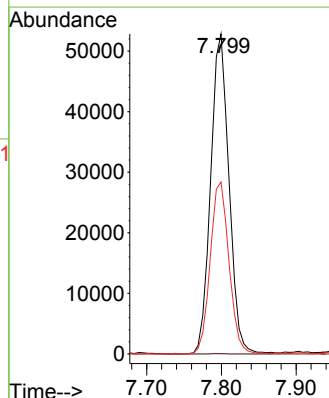
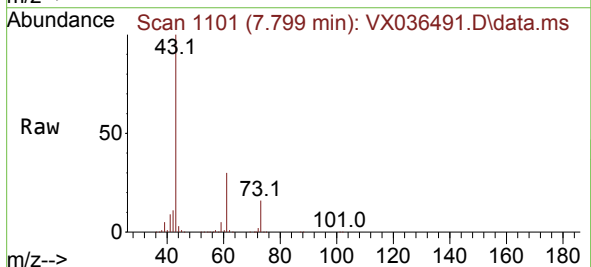
Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

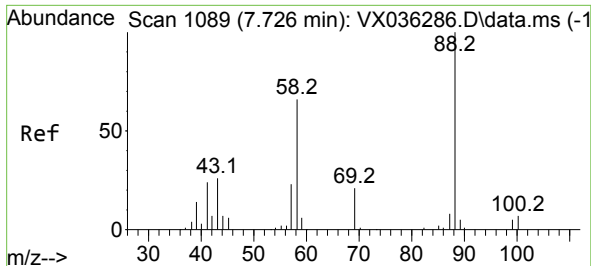
Tgt Ion: 43 Resp: 122341
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 13.1 9.8 14.6



#48
Methyl methacrylate
Concen: 37.398 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 41 Resp: 90228
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 55.0 47.7 71.5

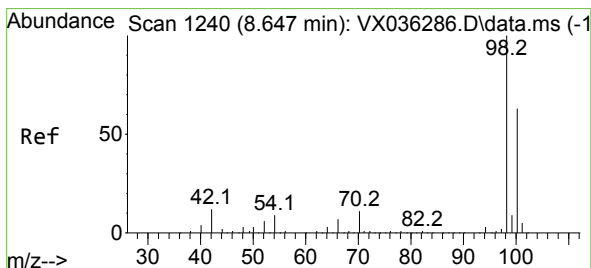
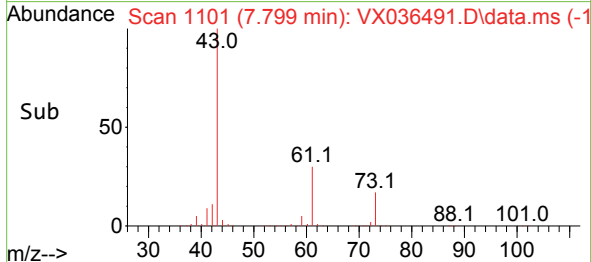
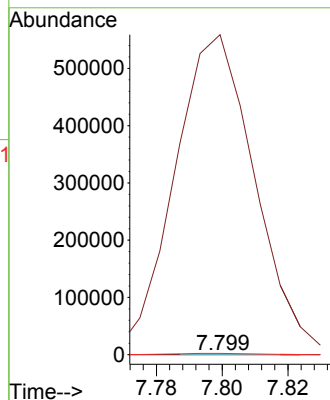
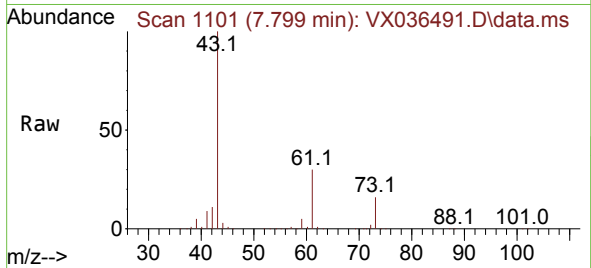




#49
1,4-Dioxane
Concen: 0.897 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.067 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

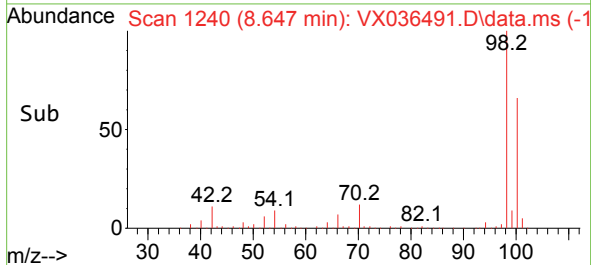
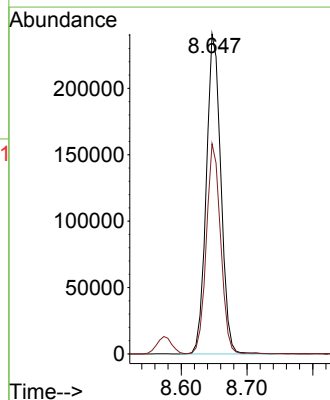
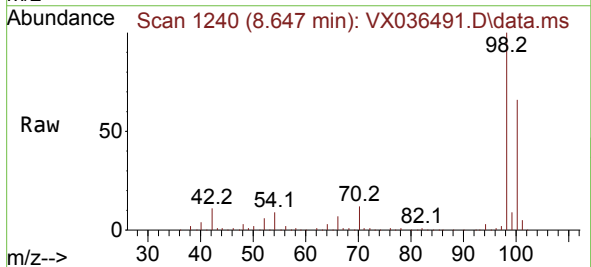
Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

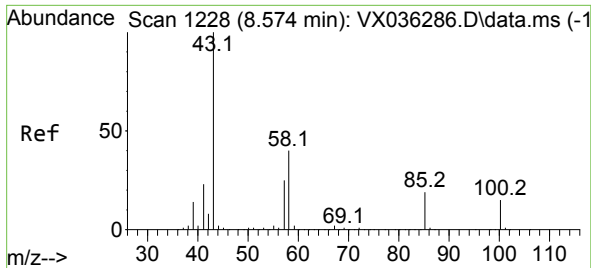
Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 1998854.2 0.0 0.0#
58 8647.9 60.1 90.1#



#50
Toluene-d8
Concen: 49.729 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 98 Resp: 370826
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

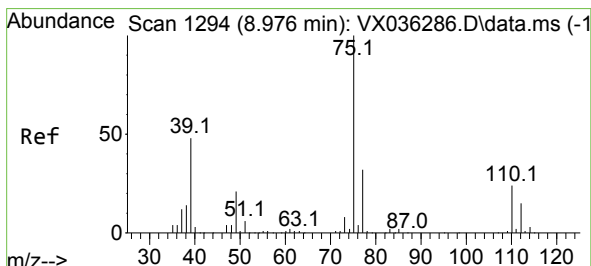
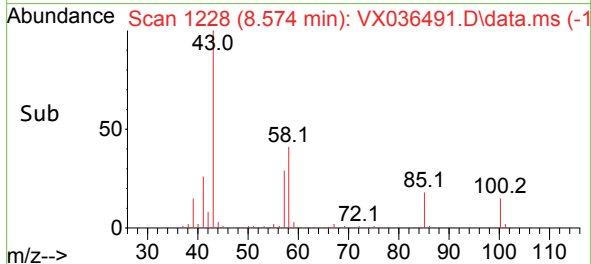
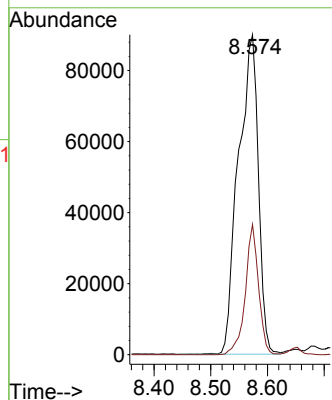
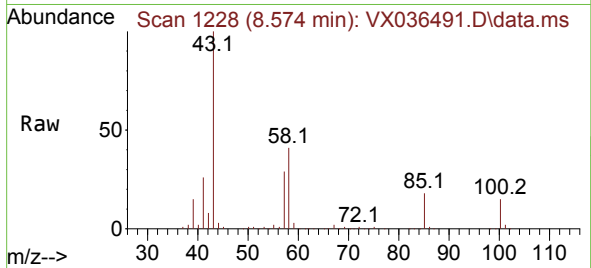




#51
4-Methyl-2-Pentanone
Concen: 70.378 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

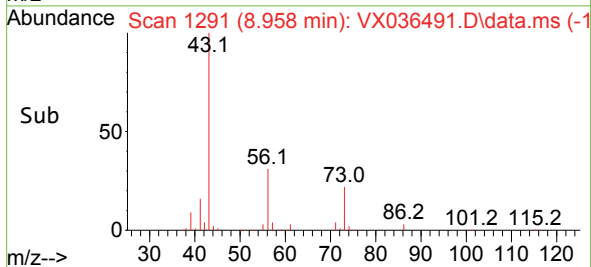
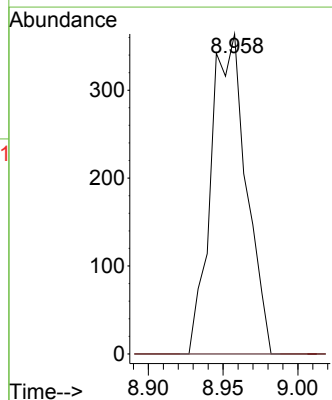
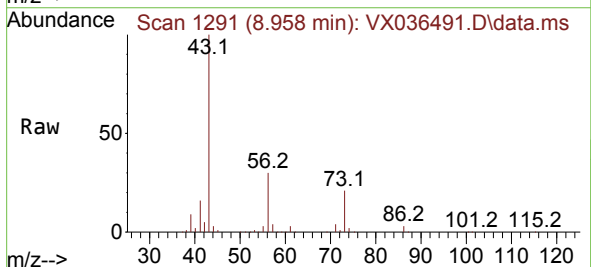
Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

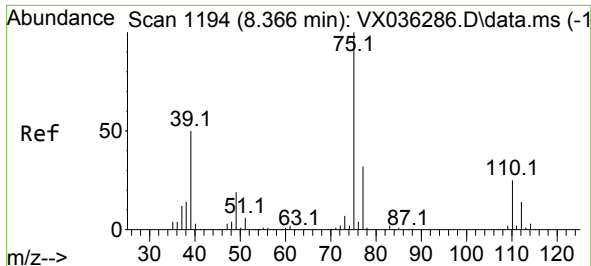
Tgt Ion: 43 Resp: 219401
Ion Ratio Lower Upper
43 100
58 27.1 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.205 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 75 Resp: 597
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

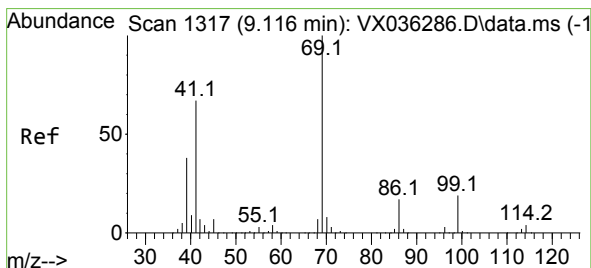
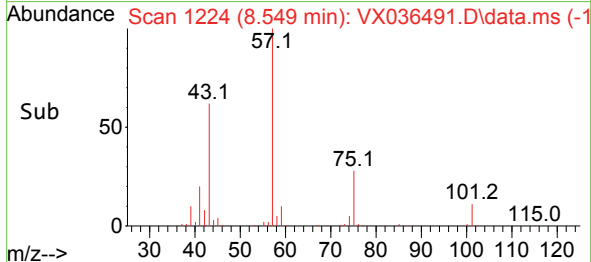
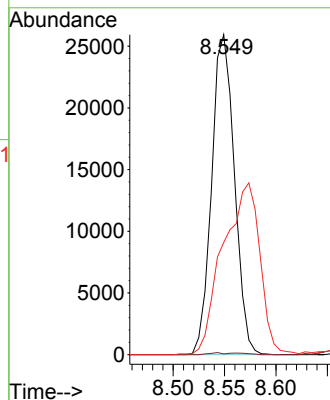
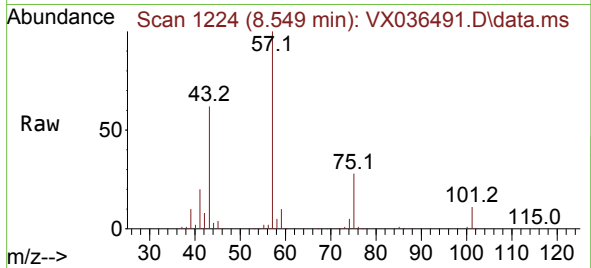




#54
 cis-1,3-Dichloropropene
 Concen: 12.145 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX036491.D
 Acq: 10 Jul 2023 18:30

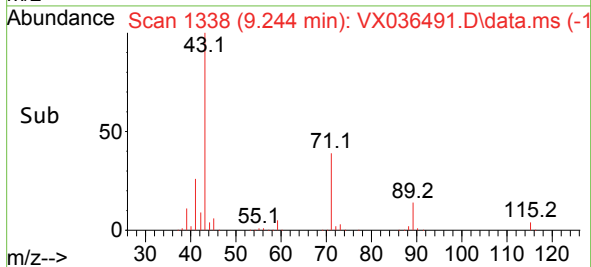
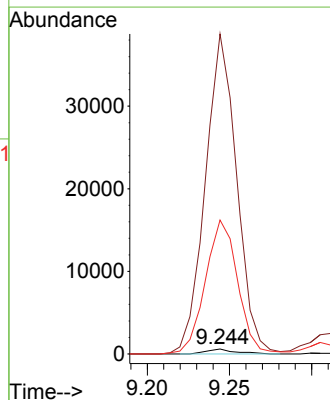
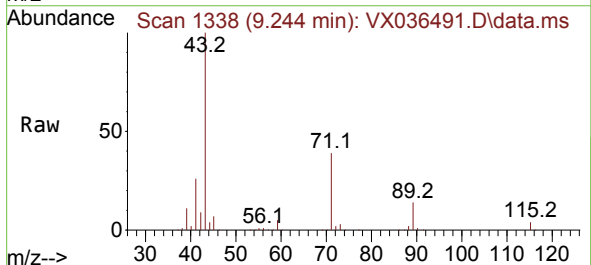
Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-369

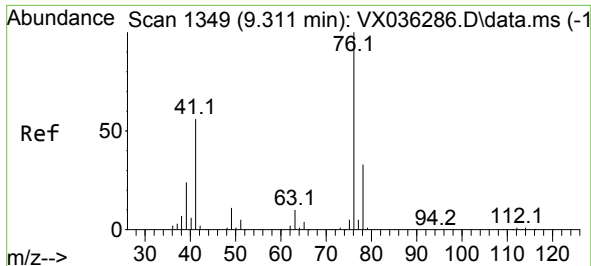
Tgt Ion: 75 Resp: 39972
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.3 37.9#
 39 34.8 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.219 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX036491.D
 Acq: 10 Jul 2023 18:30

Tgt Ion: 69 Resp: 718
 Ion Ratio Lower Upper
 69 100
 41 7182.6 56.8 85.2#
 39 3088.6 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 0.995 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX036491.D

Acq: 10 Jul 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

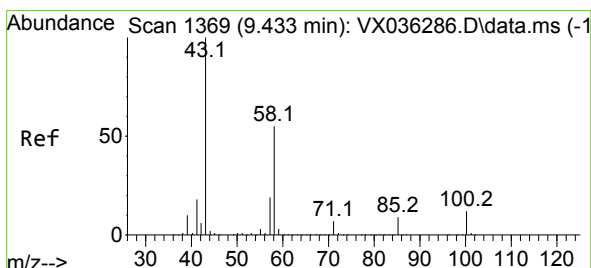
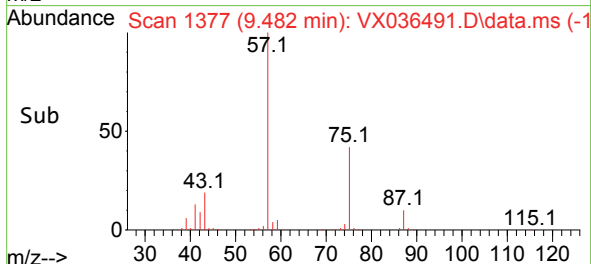
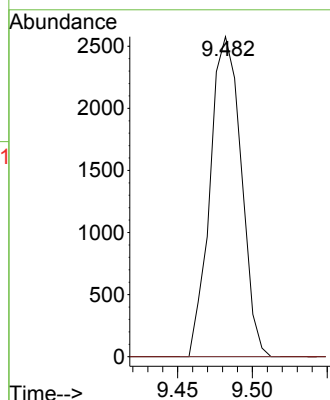
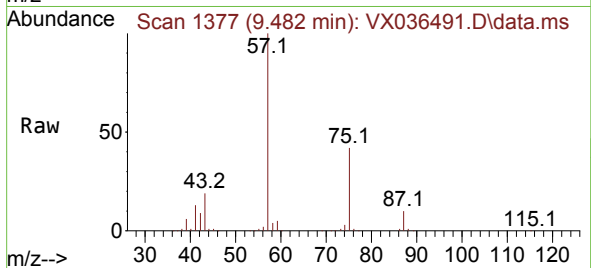
ETGI-369

Tgt Ion: 76 Resp: 3734

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 21.607 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX036491.D

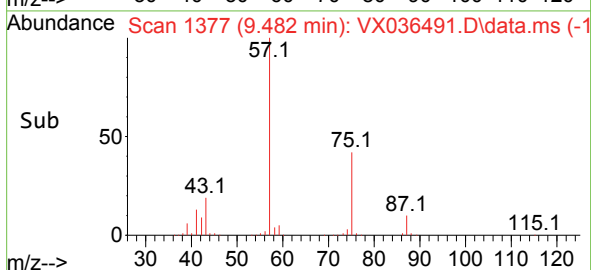
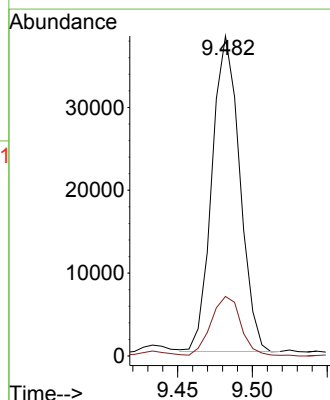
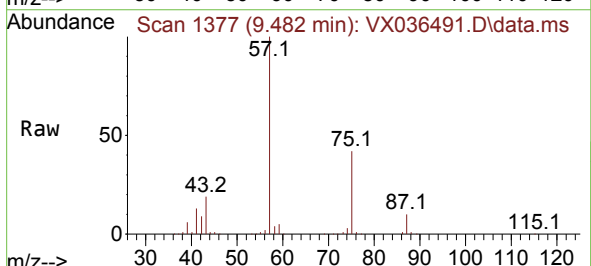
Acq: 10 Jul 2023 18:30

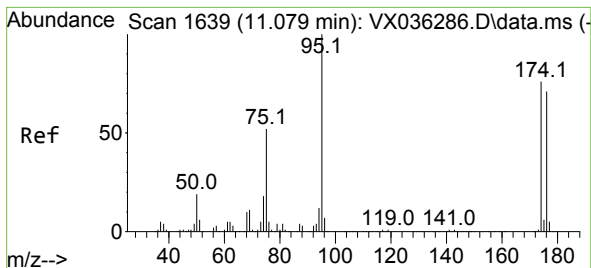
Tgt Ion: 43 Resp: 49190

Ion Ratio Lower Upper

43 100

58 20.4 26.2 78.5#

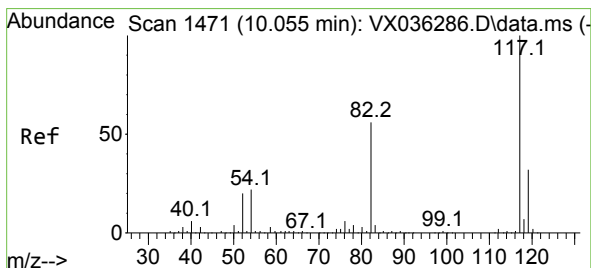
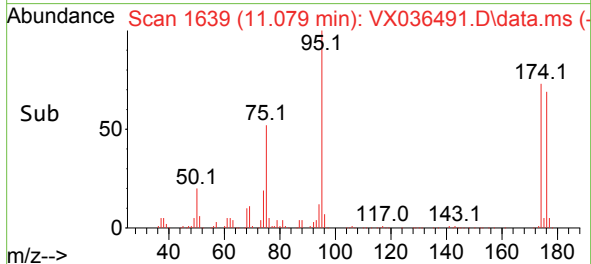
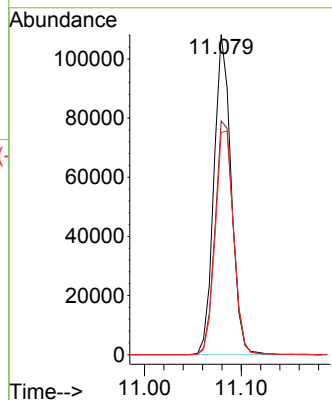
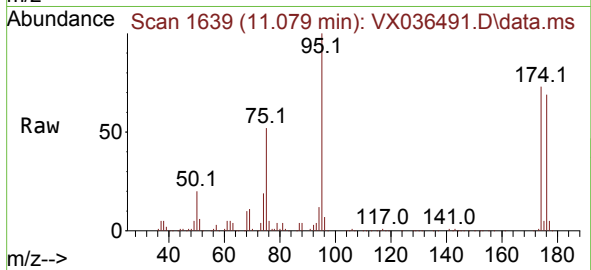




#62
4-Bromofluorobenzene
Concen: 50.688 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

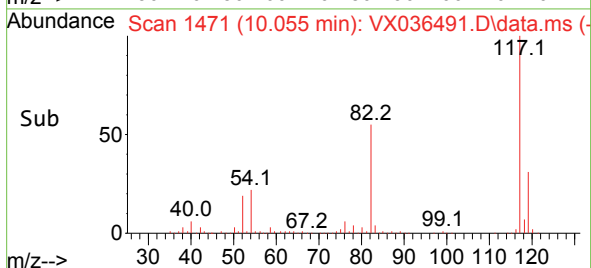
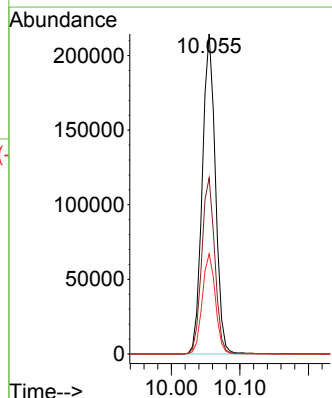
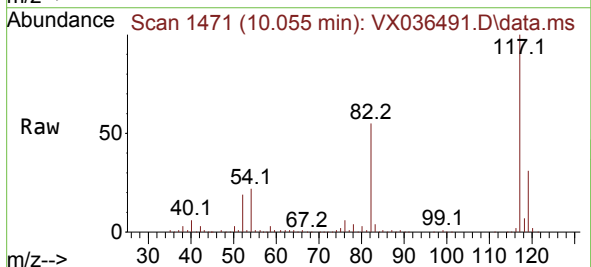
Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

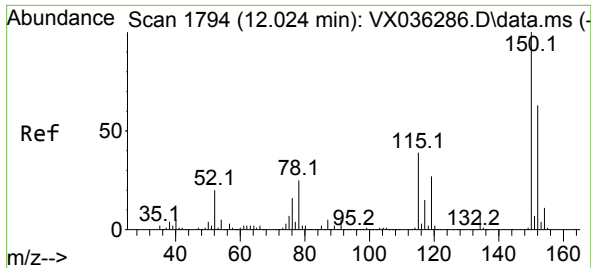
Tgt Ion: 95 Resp: 133135
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 75.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 117 Resp: 286272
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.3 25.5 38.3

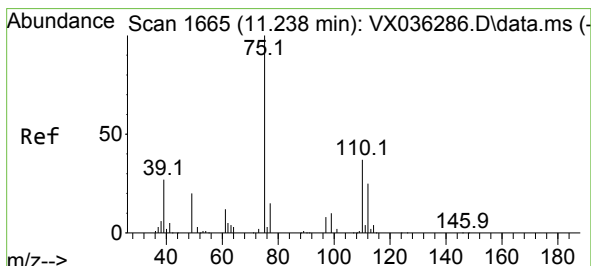
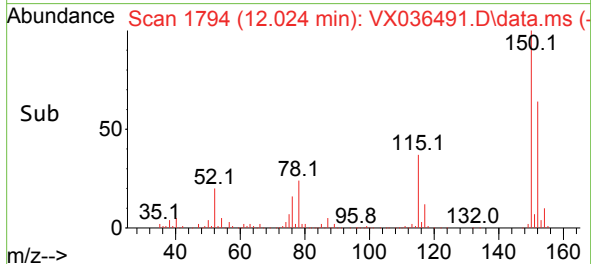
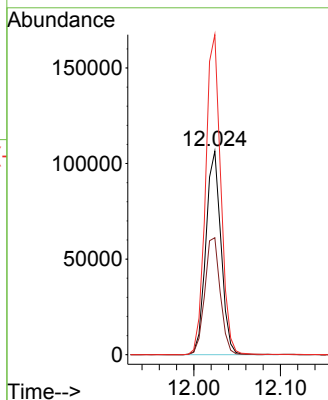
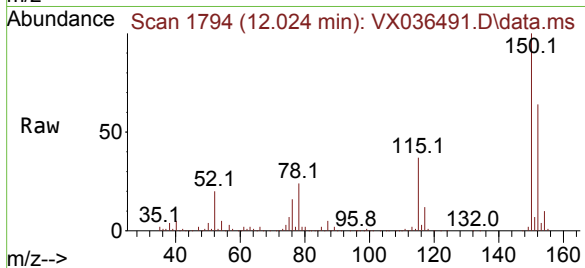




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX036491.D
 Acq: 10 Jul 2023 18:30

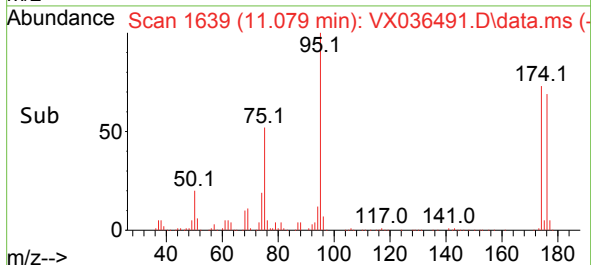
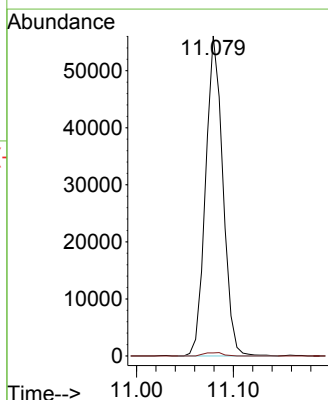
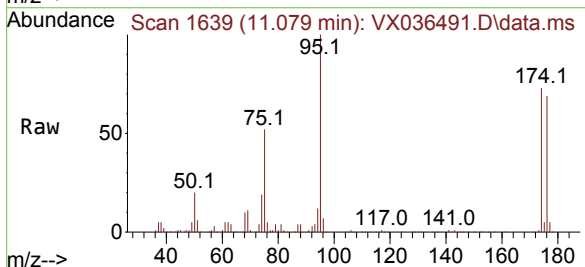
Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-369

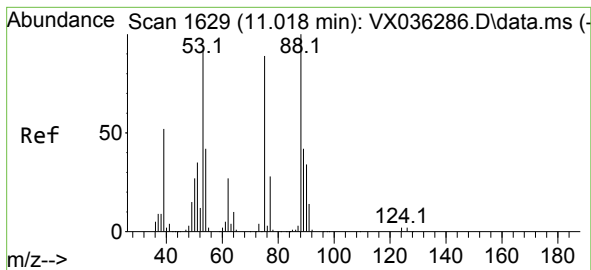
Tgt Ion:152 Resp: 129345
 Ion Ratio Lower Upper
 152 100
 115 58.9 43.3 129.9
 150 158.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.279 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036491.D
 Acq: 10 Jul 2023 18:30

Tgt Ion: 75 Resp: 69743
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.402 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036491.D
 Acq: 10 Jul 2023 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-369

Tgt Ion: 75 Resp: 69743
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

