

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035794.D
 Acq On : 22 May 2023 18:55
 Operator : JC/MD
 Sample : 02864-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-289

Quant Time: May 23 06:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

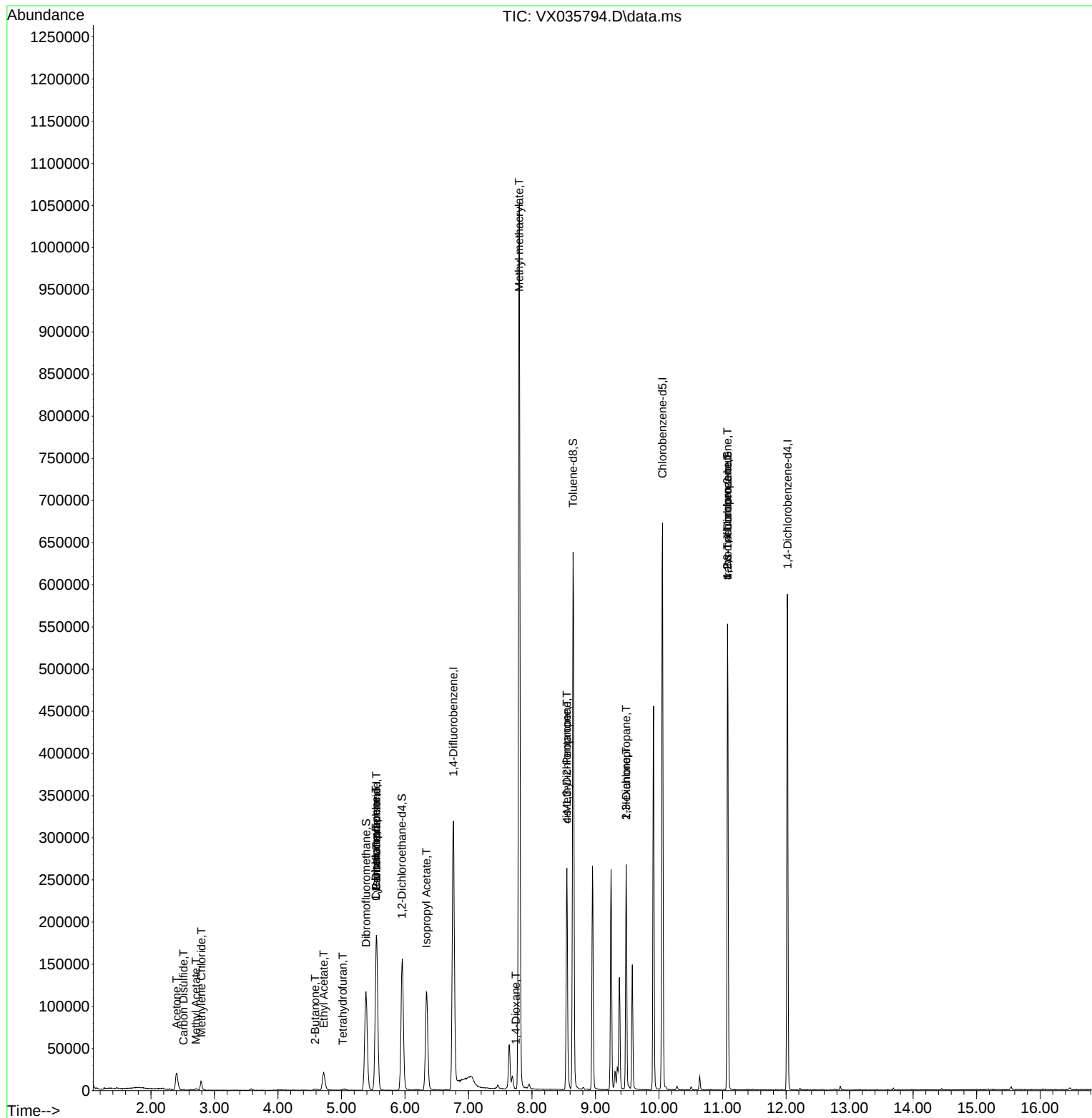
Internal Standards						
1) Pentafluorobenzene	5.550	168	154401	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	298768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155492	57.727	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.460%			
35) Dibromofluoromethane	5.385	113	99922	49.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.180%			
50) Toluene-d8	8.647	98	355023	47.696	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.400%			
62) 4-Bromofluorobenzene	11.079	95	142237	47.459	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.920%			
Target Compounds						
						Qvalue
16) Acetone	2.404	43	34782	30.044	ug/l	91
17) Carbon Disulfide	2.514	76	1133	0.273	ug/l #	75
18) Methyl Acetate	2.709	43	2263	0.530	ug/l #	84
20) Methylene Chloride	2.794	84	4910	2.340	ug/l	90
25) 2-Butanone	4.587	43	3502	2.185	ug/l #	88
29) Tetrahydrofuran	5.019	42	661	0.656	ug/l #	51
31) Cyclohexane	5.544	56	4438	1.304	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	14505	4.561	ug/l #	51
37) Ethyl Acetate	4.721	43	38262	11.534	ug/l	99
38) Carbon Tetrachloride	5.550	117	17629	5.851	ug/l #	16
43) Isopropyl Acetate	6.336	43	166190	28.730	ug/l	98
48) Methyl methacrylate	7.799	41	100615	35.245	ug/l #	46
49) 1,4-Dioxane	7.745	88	47	2.743	ug/l #	23
51) 4-Methyl-2-Pentanone	8.549	43	96712	29.021	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	37233	10.260	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	2227	0.557	ug/l #	42
59) 2-Hexanone	9.482	43	34578	13.778	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	79700	29.158	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	79700	93.971	ug/l #	8

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

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Quant Time: May 23 06:15:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

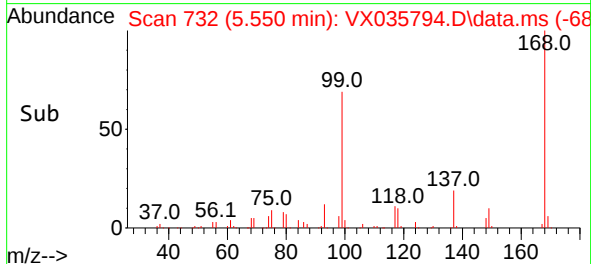
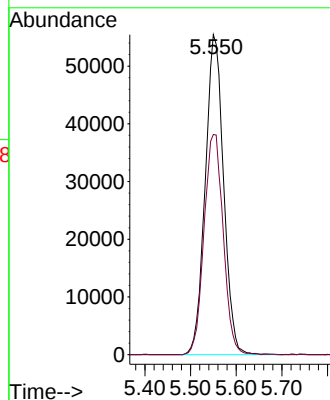
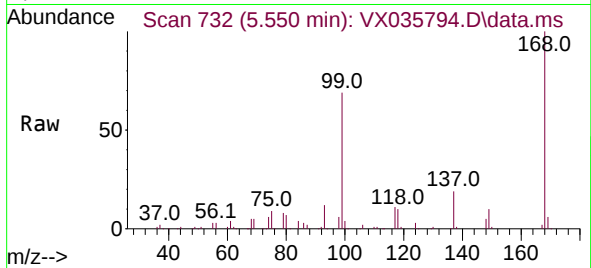




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

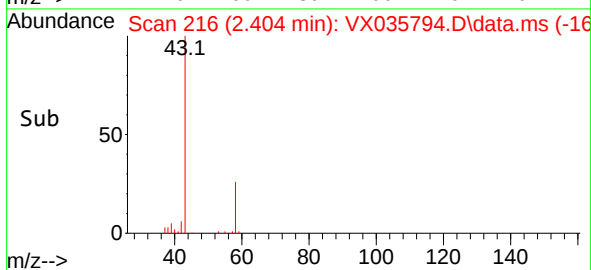
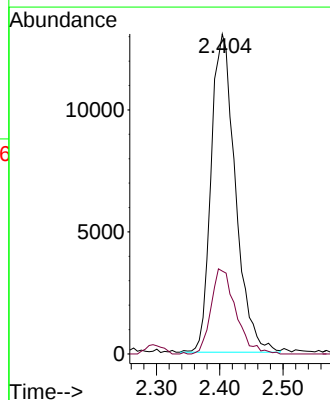
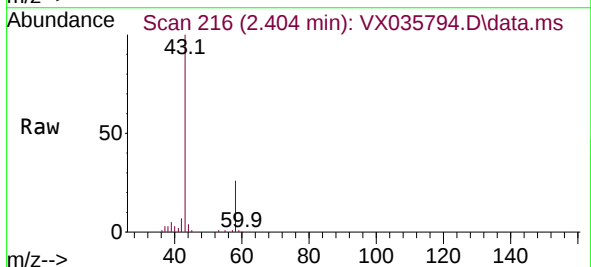
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

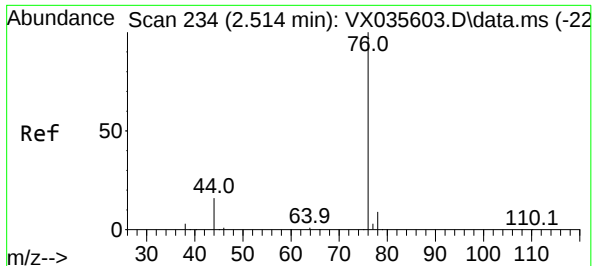
Tgt Ion:168 Resp: 154401
Ion Ratio Lower Upper
168 100
99 68.8 45.7 68.5#



#16
Acetone
Concen: 30.044 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

Tgt Ion: 43 Resp: 34782
Ion Ratio Lower Upper
43 100
58 26.0 24.7 37.1

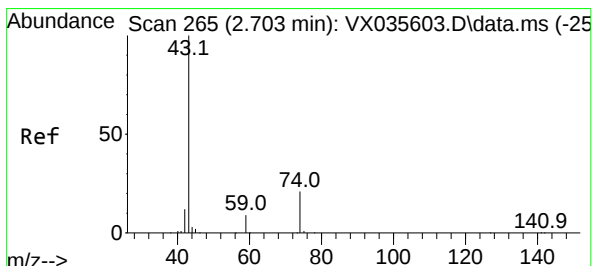
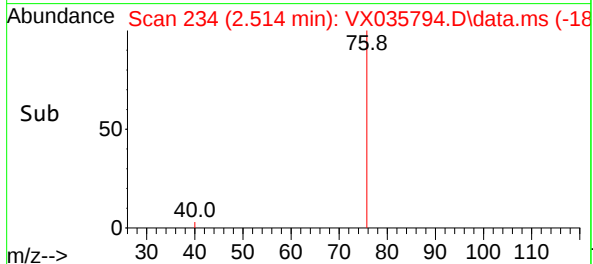
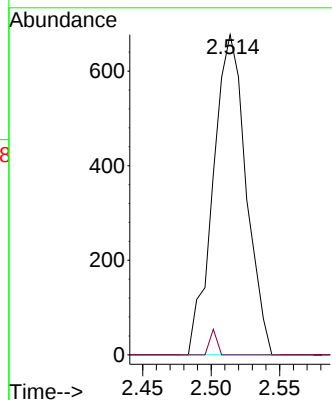
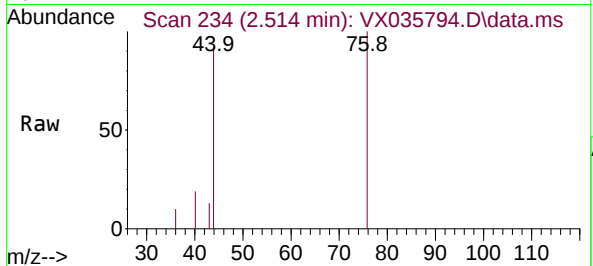




#17
Carbon Disulfide
Concen: 0.273 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

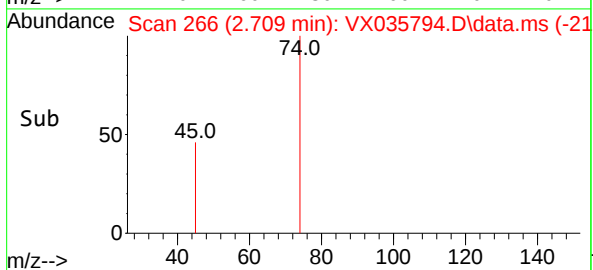
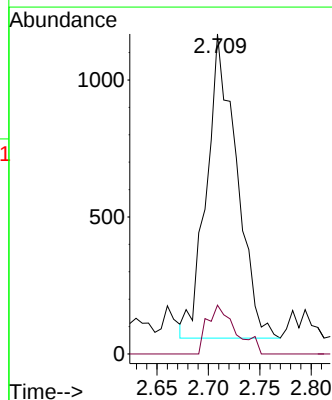
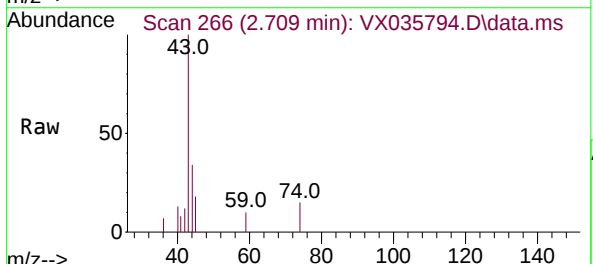
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

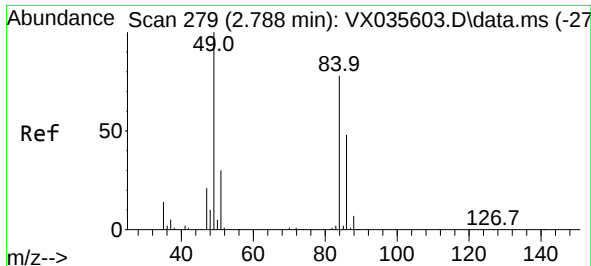
Tgt Ion: 76 Resp: 1133
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.530 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

Tgt Ion: 43 Resp: 2263
Ion Ratio Lower Upper
43 100
74 15.2 18.3 27.5#

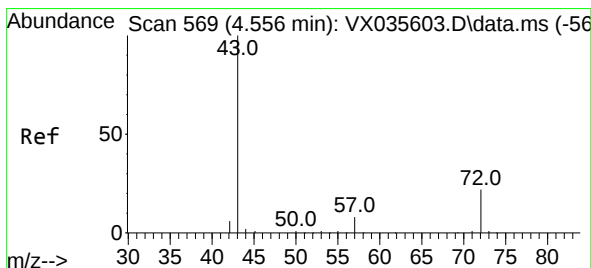
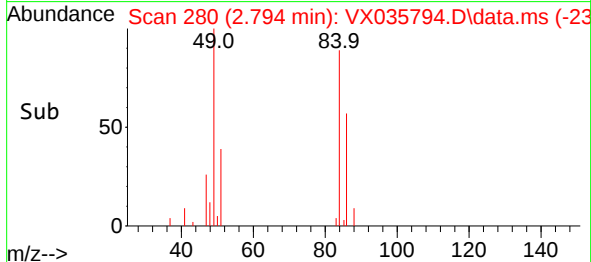
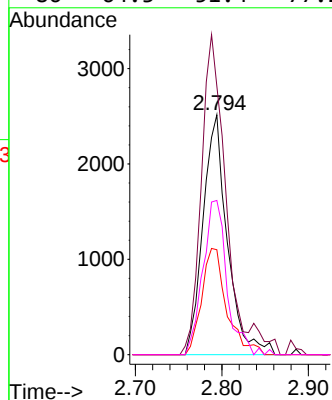
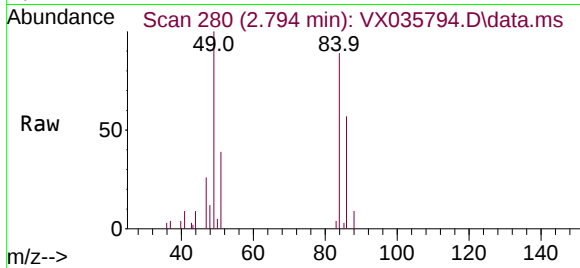




#20
Methylene Chloride
Concen: 2.340 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

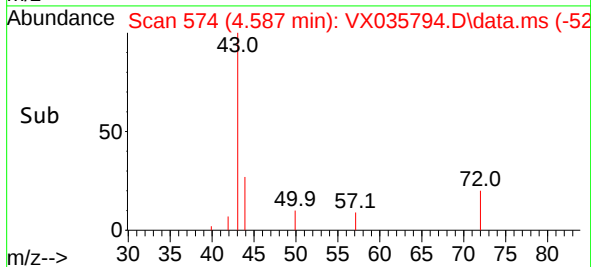
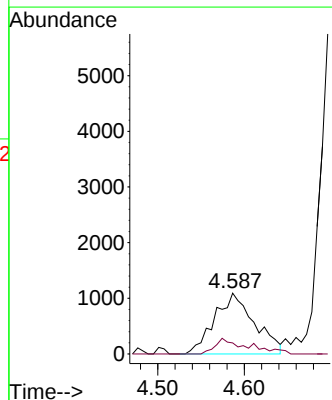
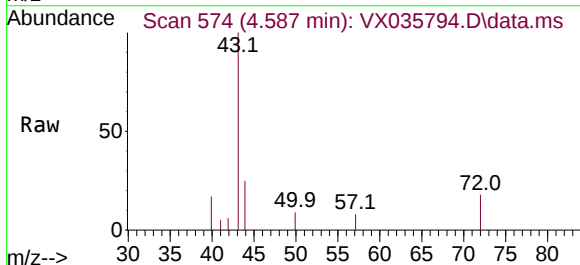
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

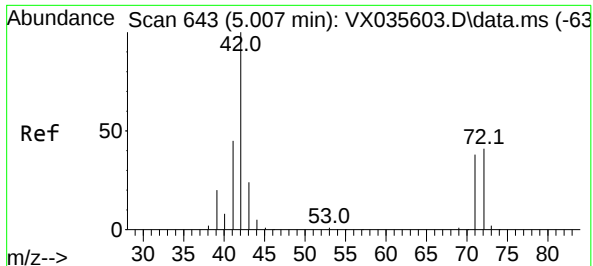
Tgt Ion:	84	Resp:	4910
Ion	Ratio	Lower	Upper
84	100		
49	112.0	103.8	155.8
51	43.7	31.8	47.8
86	64.3	51.4	77.2



#25
2-Butanone
Concen: 2.185 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

Tgt Ion:	43	Resp:	3502
Ion	Ratio	Lower	Upper
43	100		
72	18.1	19.3	28.9#





#29

Tetrahydrofuran

Concen: 0.656 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX035794.D

Acq: 22 May 2023 18:55

Instrument :

MSVOA_X

ClientSampleId :

ETGI-289

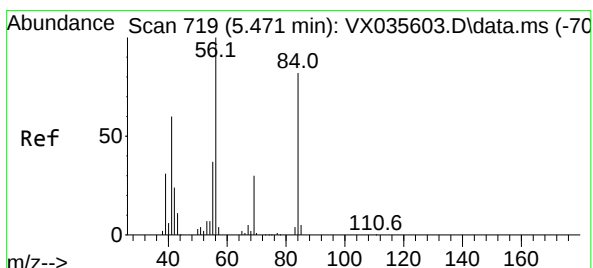
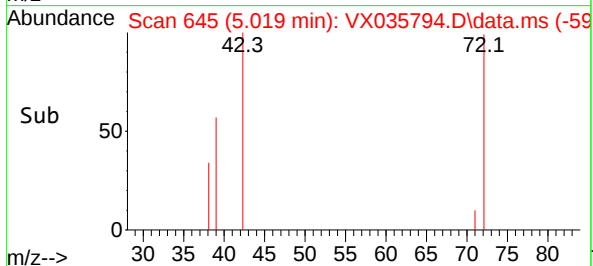
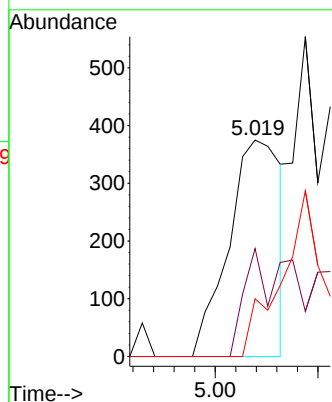
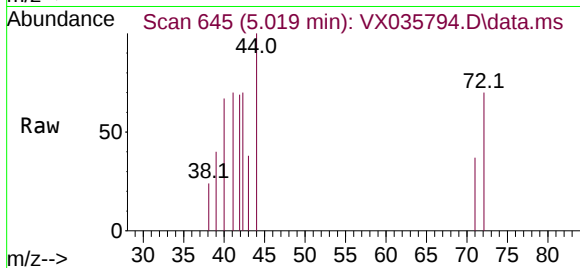
Tgt Ion: 42 Resp: 661

Ion Ratio Lower Upper

42 100

72 21.2 34.5 51.7#

71 0.0 32.1 48.1#



#31

Cyclohexane

Concen: 1.304 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX035794.D

Acq: 22 May 2023 18:55

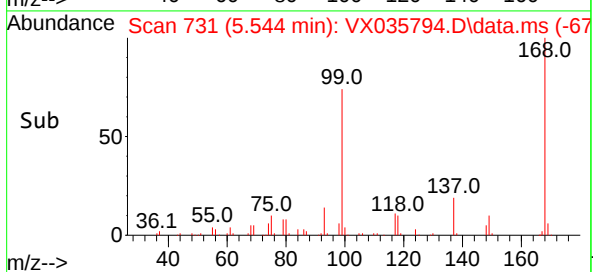
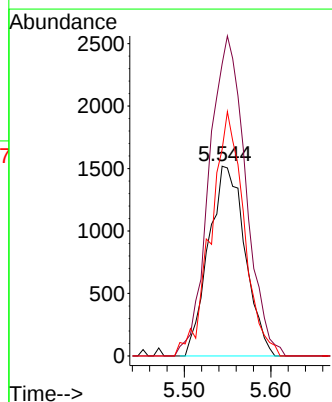
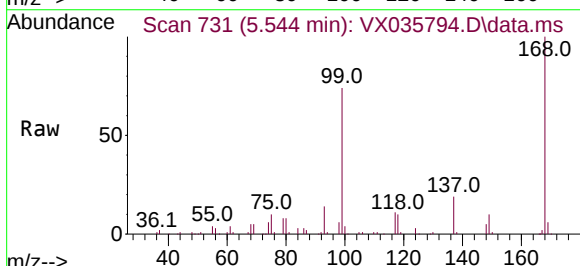
Tgt Ion: 56 Resp: 4438

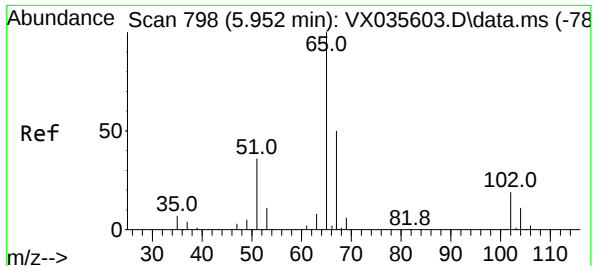
Ion Ratio Lower Upper

56 100

69 149.3 23.7 35.5#

84 108.8 68.5 102.7#

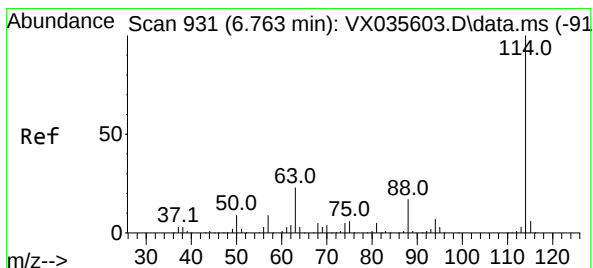
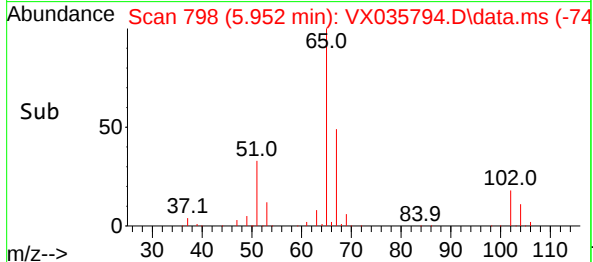
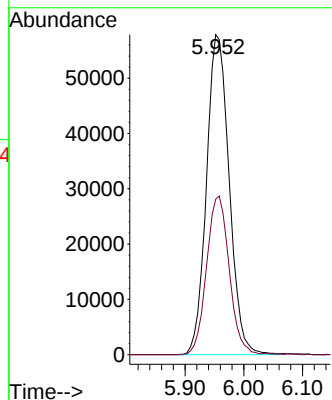
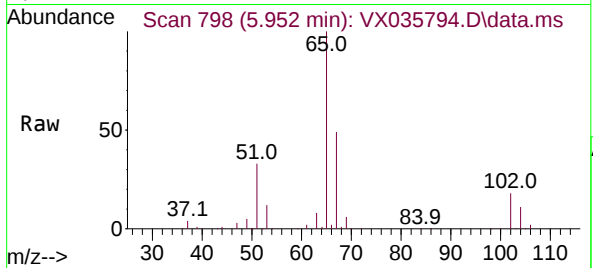




#33
 1,2-Dichloroethane-d4
 Concen: 57.727 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035794.D
 Acq: 22 May 2023 18:55

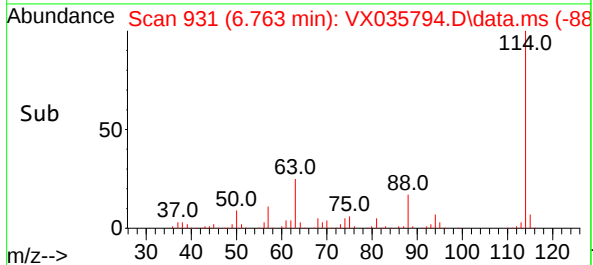
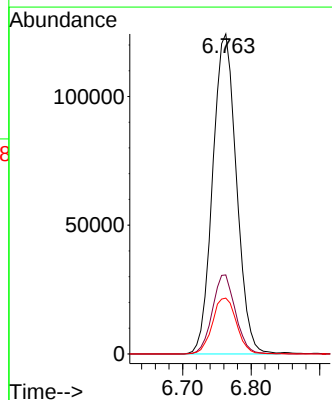
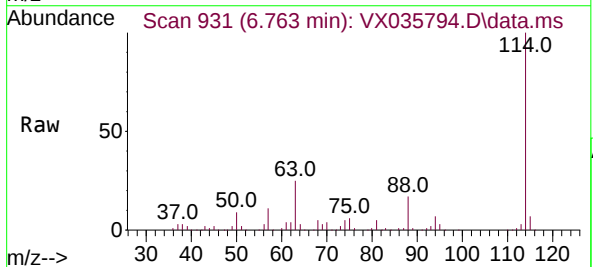
Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-289

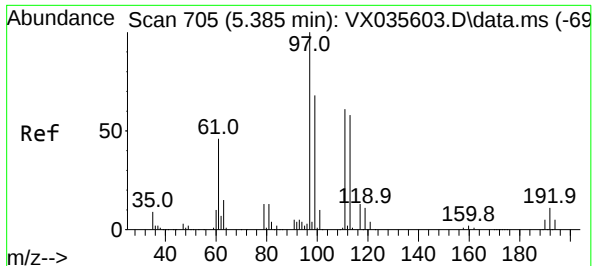
Tgt Ion: 65 Resp: 155492
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035794.D
 Acq: 22 May 2023 18:55

Tgt Ion: 114 Resp: 298768
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 42.2
 88 17.5 0.0 33.2

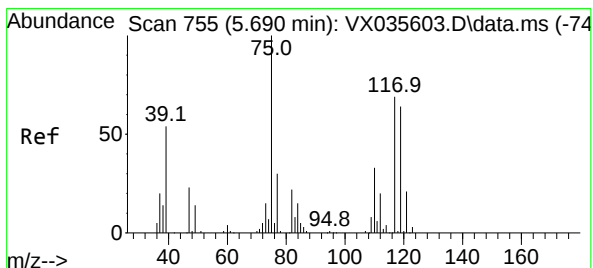
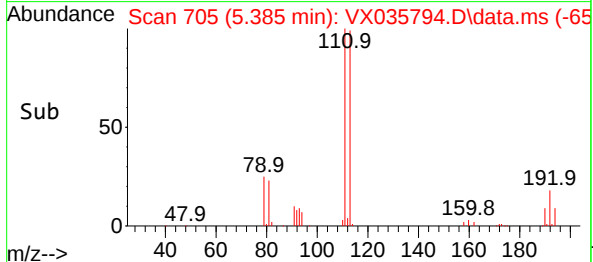
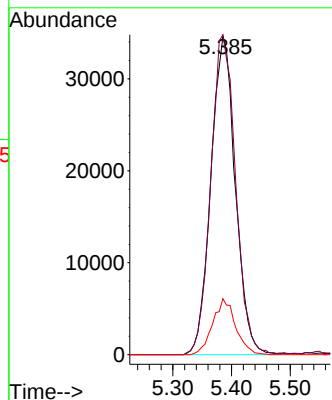
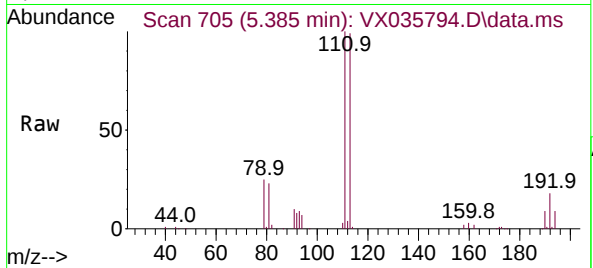




#35
Dibromofluoromethane
Concen: 49.592 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

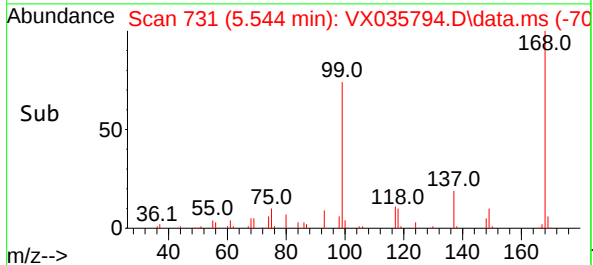
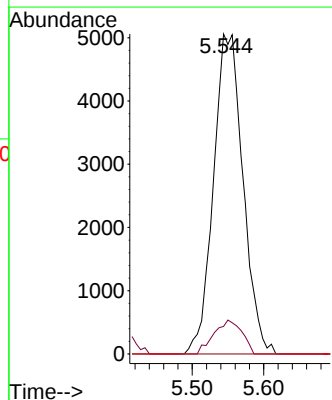
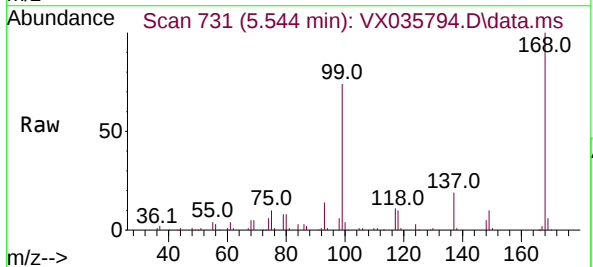
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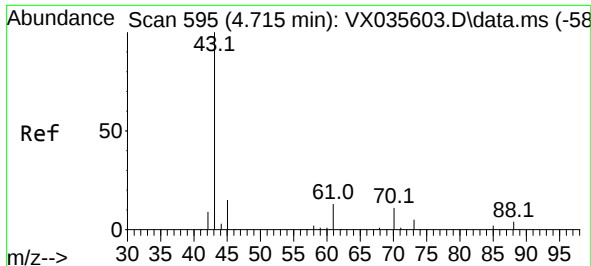
Tgt Ion:113 Resp: 99922
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 16.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.561 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

Tgt Ion: 75 Resp: 14505
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 11.534 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX035794.D

Acq: 22 May 2023 18:55

Instrument :

MSVOA_X

ClientSampleId :

ETGI-289

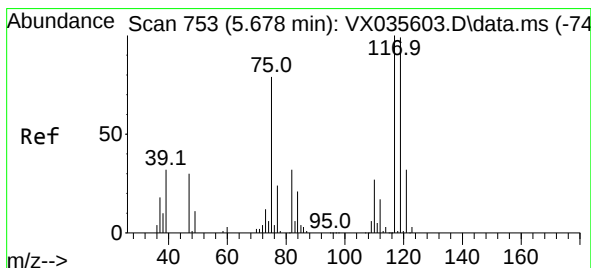
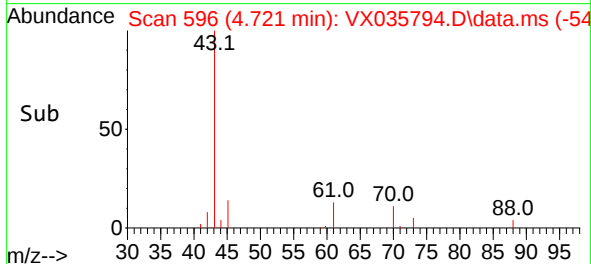
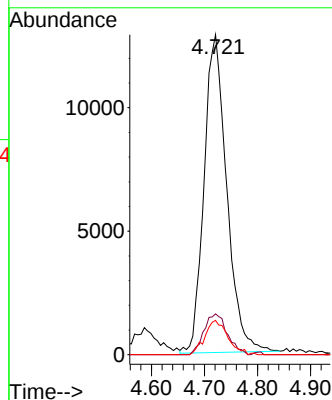
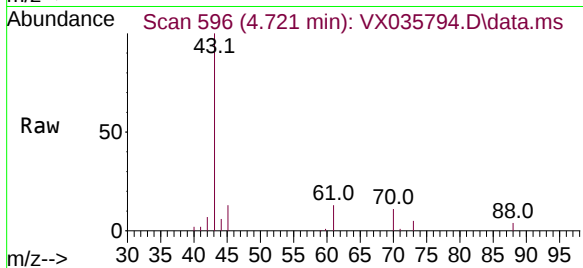
Tgt Ion: 43 Resp: 38262

Ion Ratio Lower Upper

43 100

61 13.2 10.2 15.4

70 10.9 8.2 12.4



#38

Carbon Tetrachloride

Concen: 5.851 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035794.D

Acq: 22 May 2023 18:55

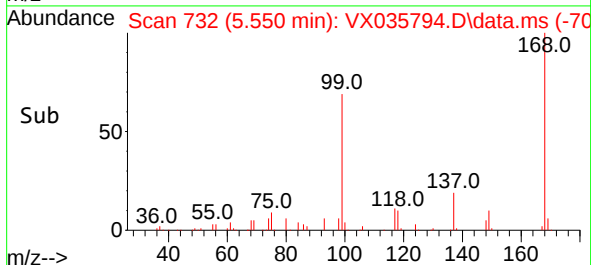
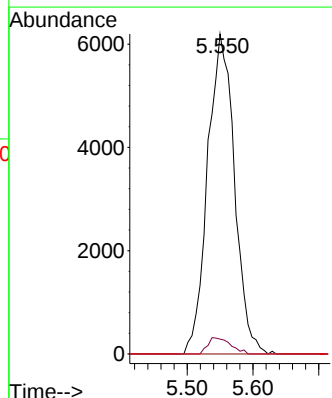
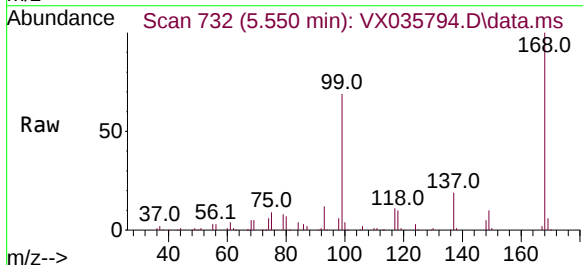
Tgt Ion: 117 Resp: 17629

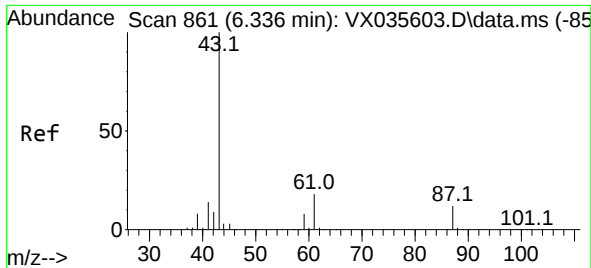
Ion Ratio Lower Upper

117 100

119 4.7 76.6 114.8#

121 0.0 23.8 35.6#

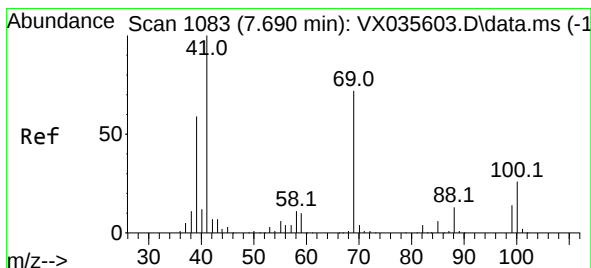
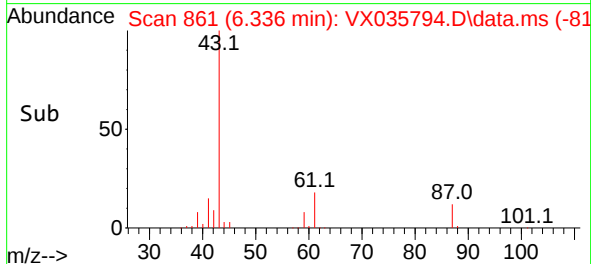
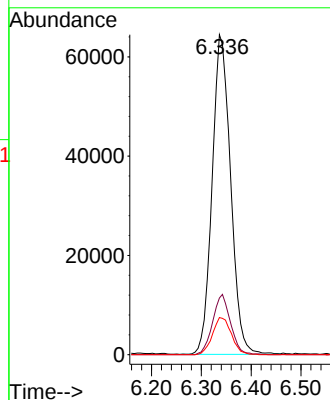
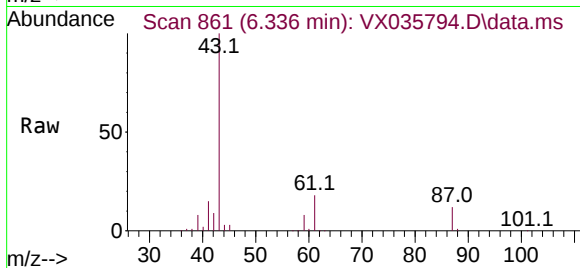




#43
Isopropyl Acetate
Concen: 28.730 ug/l
RT: 6.336 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

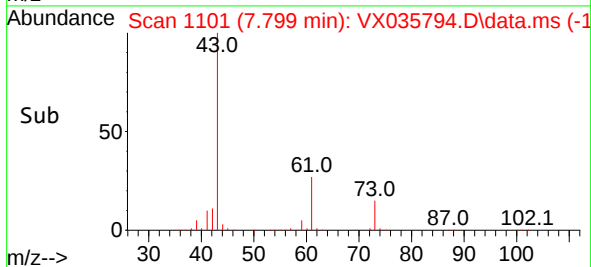
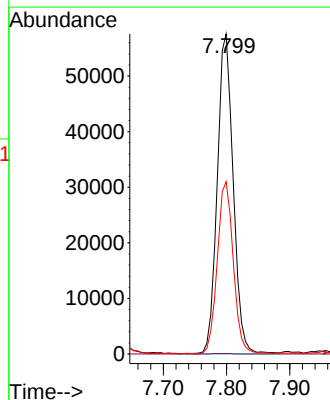
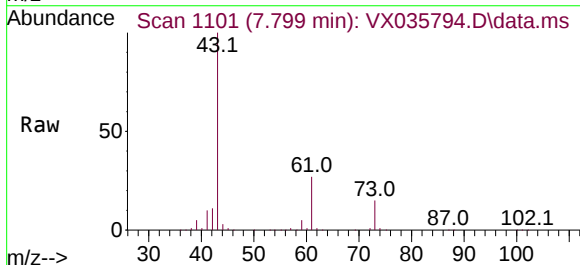
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

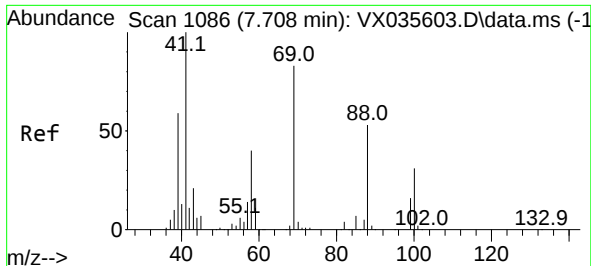
Tgt Ion: 43 Resp: 166190
Ion Ratio Lower Upper
43 100
61 18.2 15.2 22.8
87 11.9 9.8 14.8



#48
Methyl methacrylate
Concen: 35.245 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.109 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

Tgt Ion: 41 Resp: 100615
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 54.0 47.7 71.5





#49

1,4-Dioxane

Concen: 2.743 ug/l

RT: 7.745 min Scan# 1086

Delta R.T. 0.037 min

Lab File: VX035794.D

Acq: 22 May 2023 18:55

Instrument :

MSVOA_X

ClientSampleId :

ETGI-289

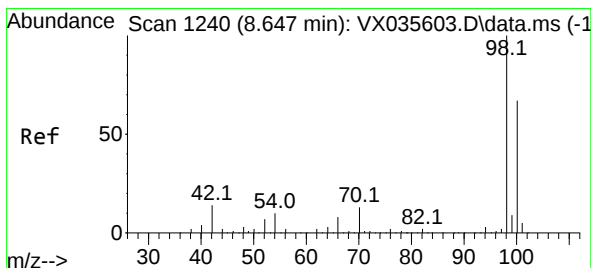
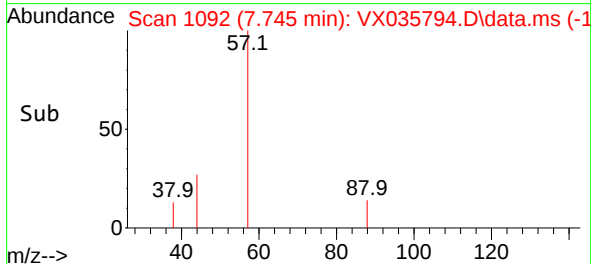
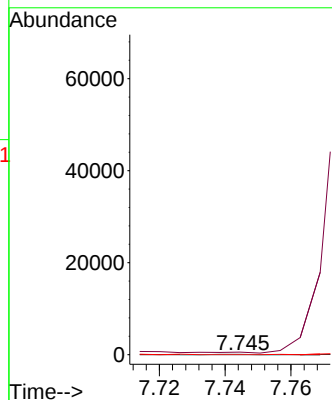
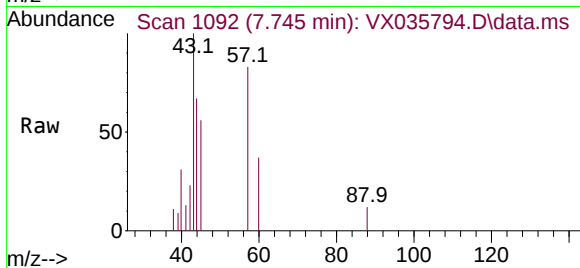
Tgt Ion: 88 Resp: 47

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 47.696 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035794.D

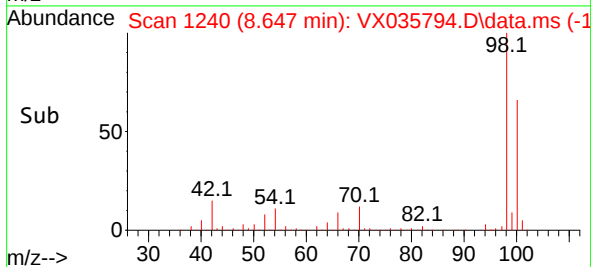
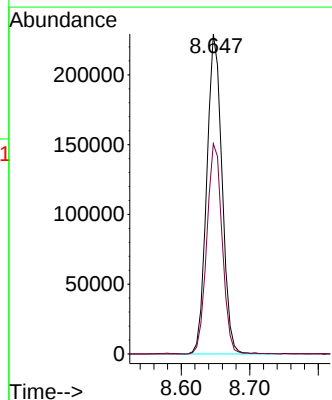
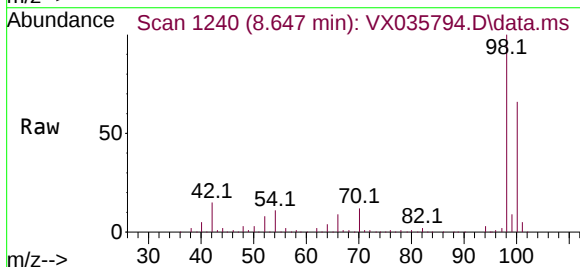
Acq: 22 May 2023 18:55

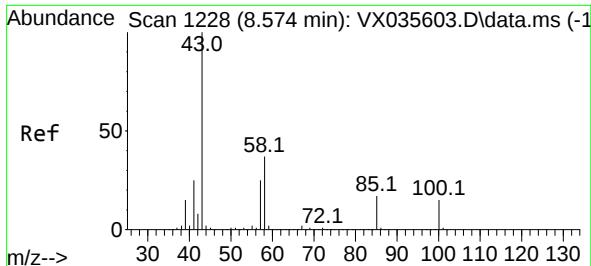
Tgt Ion: 98 Resp: 355023

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7

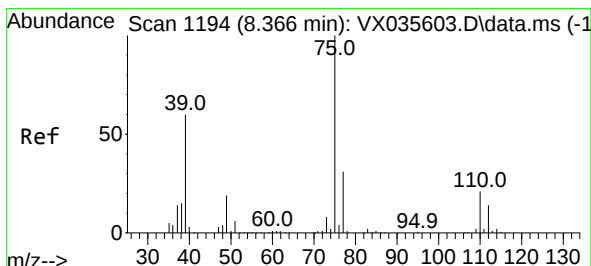
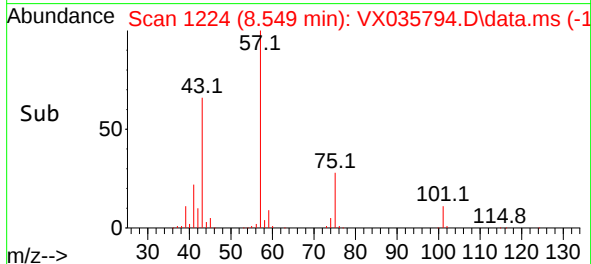
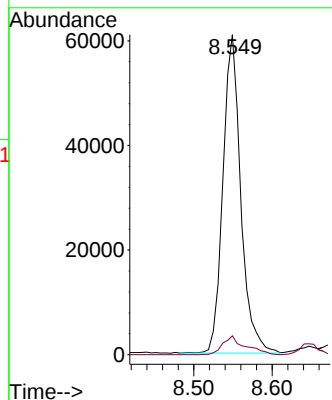
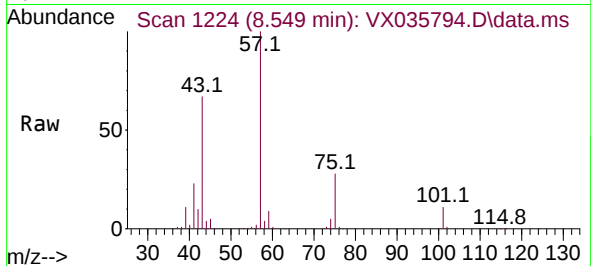




#51
4-Methyl-2-Pentanone
Concen: 29.021 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

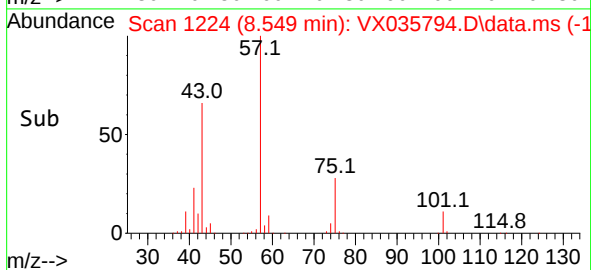
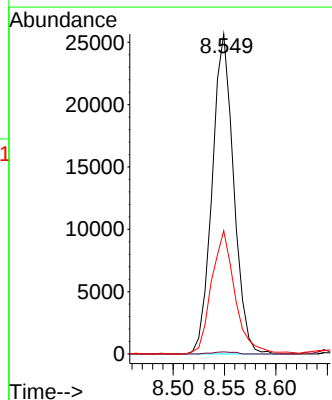
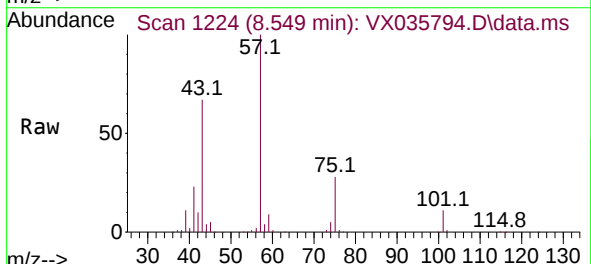
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

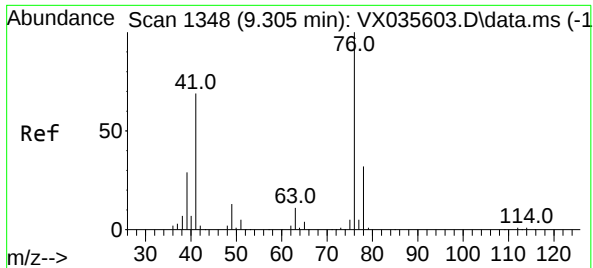
Tgt Ion: 43 Resp: 96712
Ion Ratio Lower Upper
43 100
58 7.4 30.6 46.0#



#54
cis-1,3-Dichloropropene
Concen: 10.260 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

Tgt Ion: 75 Resp: 37233
Ion Ratio Lower Upper
75 100
77 0.7 25.0 37.4#
39 38.5 44.6 66.8#

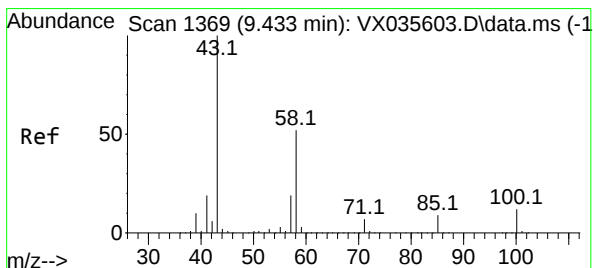
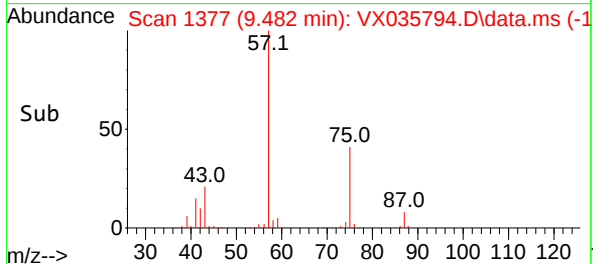
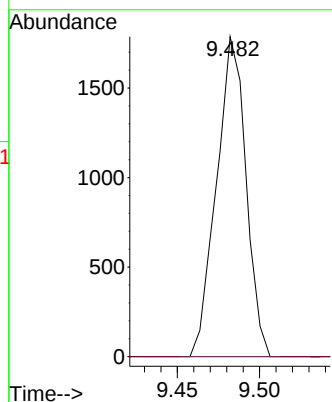
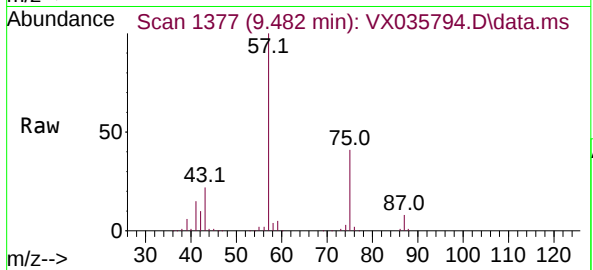




#57
1,3-Dichloropropane
Concen: 0.557 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

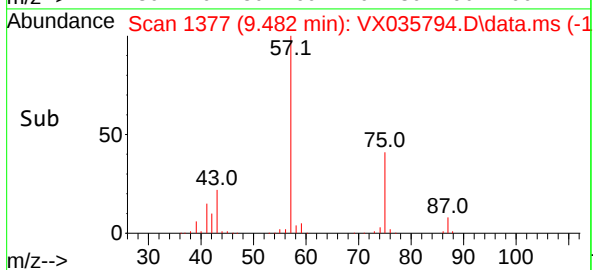
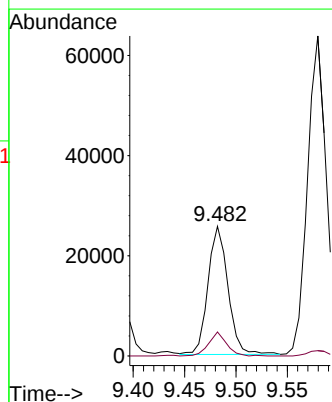
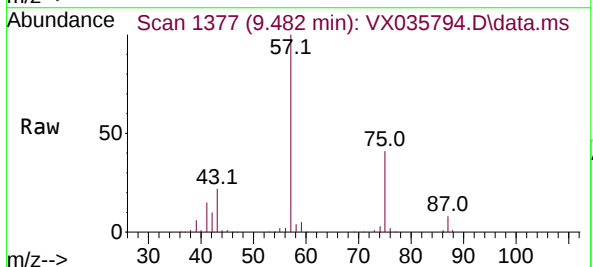
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

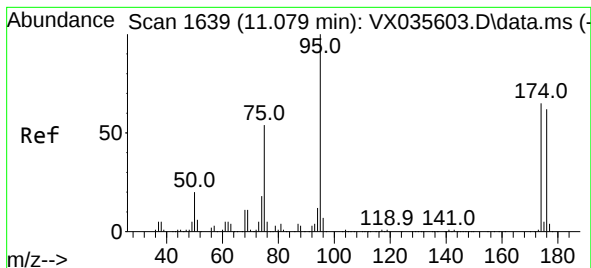
Tgt Ion: 76 Resp: 2227
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 13.778 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

Tgt Ion: 43 Resp: 34578
Ion Ratio Lower Upper
43 100
58 16.9 26.3 78.9#

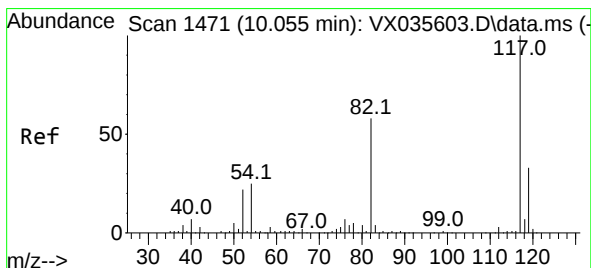
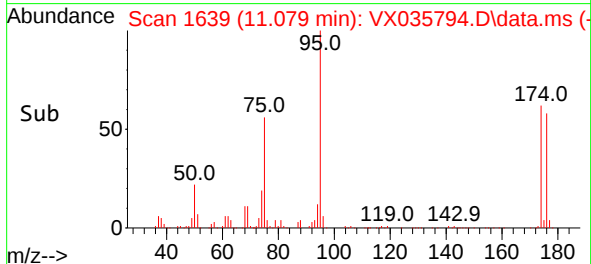
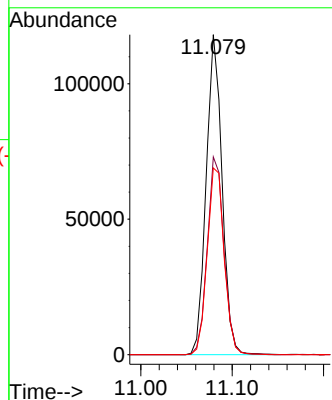
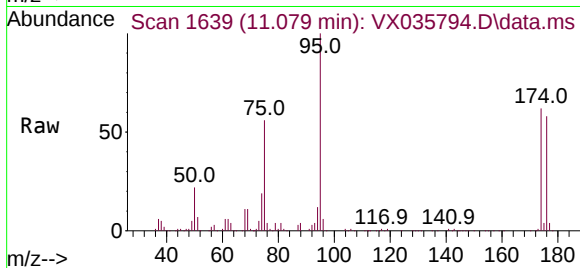




#62
4-Bromofluorobenzene
Concen: 47.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

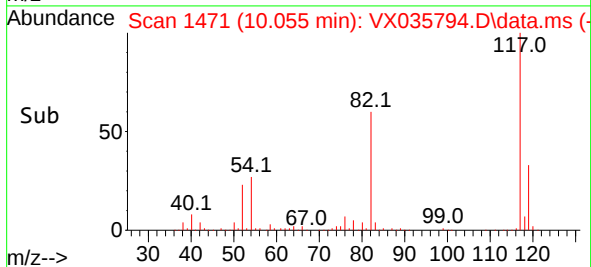
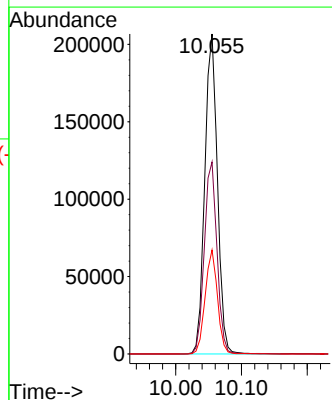
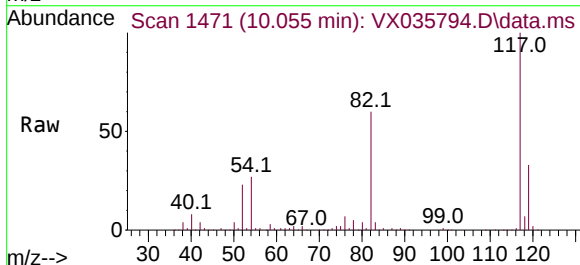
Instrument :
MSVOA_X
ClientSampleId :
ETGI-289

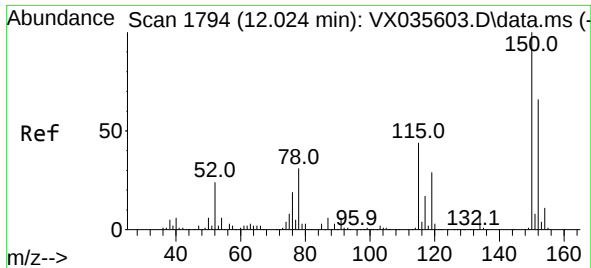
Tgt Ion: 95 Resp: 142237
Ion Ratio Lower Upper
95 100
174 64.8 0.0 147.4
176 62.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035794.D
Acq: 22 May 2023 18:55

Tgt Ion: 117 Resp: 276296
Ion Ratio Lower Upper
117 100
82 60.0 45.0 67.4
119 32.5 26.0 39.0

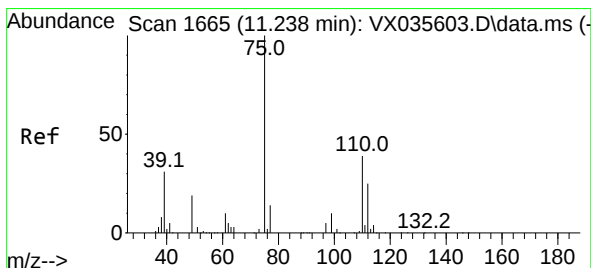
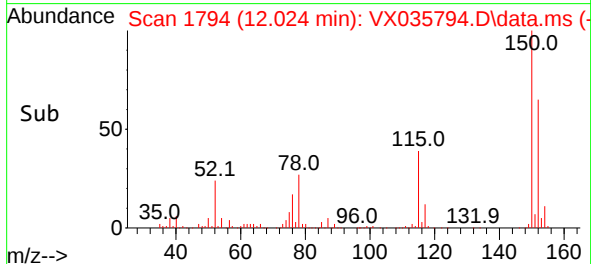
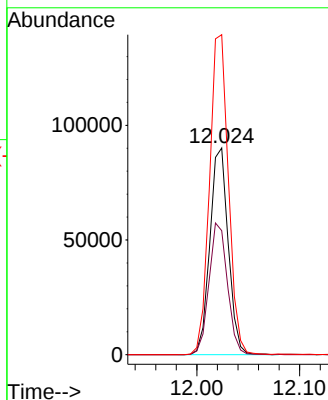
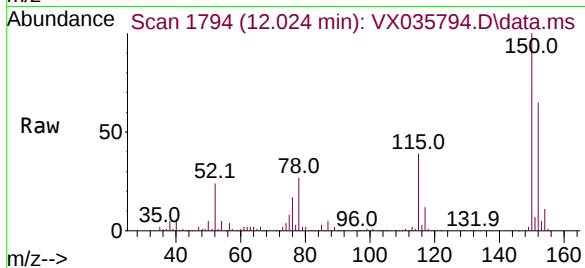




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035794.D
 Acq: 22 May 2023 18:55

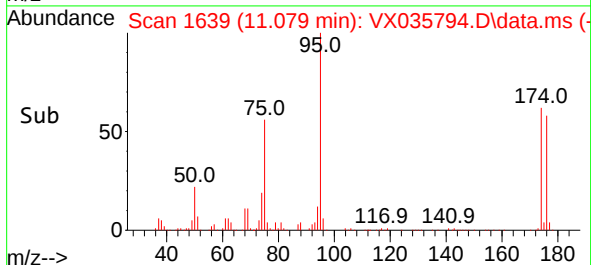
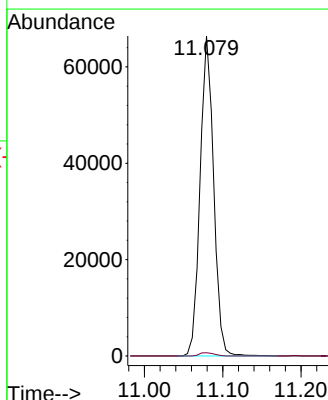
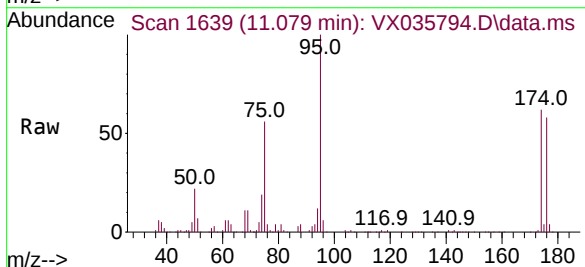
Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-289

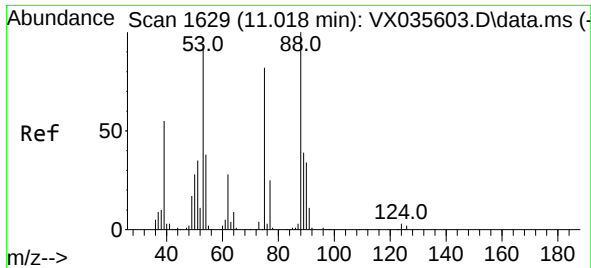
Tgt Ion:152 Resp: 111749
 Ion Ratio Lower Upper
 152 100
 115 63.9 45.0 135.0
 150 159.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.158 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035794.D
 Acq: 22 May 2023 18:55

Tgt Ion: 75 Resp: 79700
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.971 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035794.D
 Acq: 22 May 2023 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-289

Tgt Ion: 75 Resp: 79700
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

