

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035796.D
 Acq On : 22 May 2023 19:41
 Operator : JC/MD
 Sample : 02864-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-359

Quant Time: May 23 06:16:28 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)

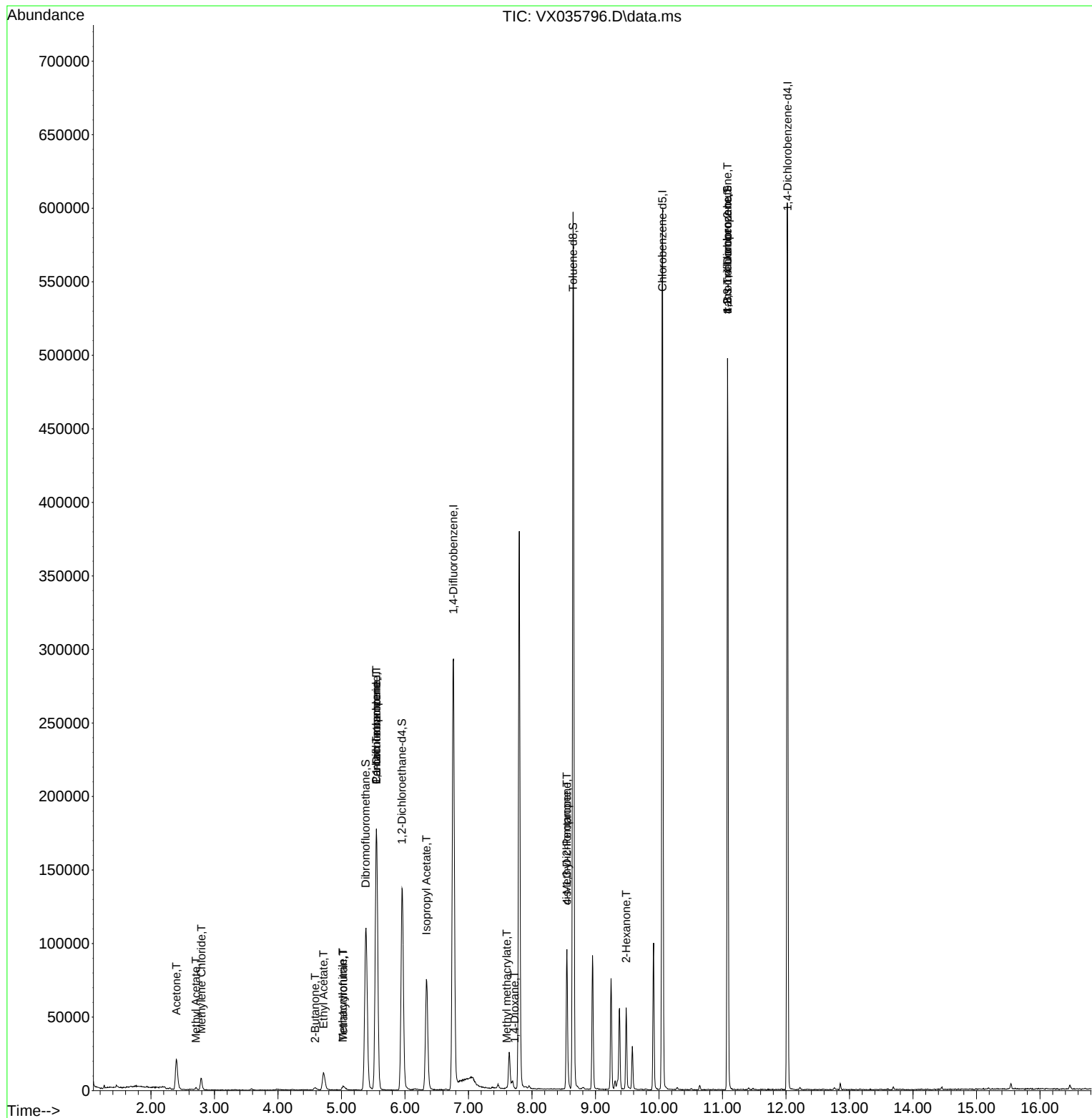
Internal Standards						
1) Pentafluorobenzene	5.550	168	161685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	298517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129981	46.082	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.160%		
35) Dibromofluoromethane	5.379	113	95604	47.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.980%		
50) Toluene-d8	8.647	98	339837	45.694	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.380%#		
62) 4-Bromofluorobenzene	11.079	95	127918	42.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.440%		
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	32086	26.467	ug/l	94
18) Methyl Acetate	2.709	43	1941	0.434	ug/l #	86
20) Methylene Chloride	2.794	84	3982	1.812	ug/l	92
25) 2-Butanone	4.587	43	3994	2.380	ug/l	98
29) Tetrahydrofuran	5.026	42	2584	2.450	ug/l	94
36) 1,1-Dichloropropene	5.550	75	13716	4.316	ug/l #	50
37) Ethyl Acetate	4.715	43	21025	6.343	ug/l	96
38) Carbon Tetrachloride	5.550	117	16337	5.427	ug/l #	15
41) Methacrylonitrile	5.019	41	992	0.504	ug/l #	35
43) Isopropyl Acetate	6.336	43	105586	18.268	ug/l	100
48) Methyl methacrylate	7.604	41	1458	0.511	ug/l #	15
49) 1,4-Dioxane	7.726	88	78	3.233	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	35011	10.515	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	13677	3.772	ug/l #	66
59) 2-Hexanone	9.482	43	6874	2.741	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	68178	23.210	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	68178	74.802	ug/l #	8

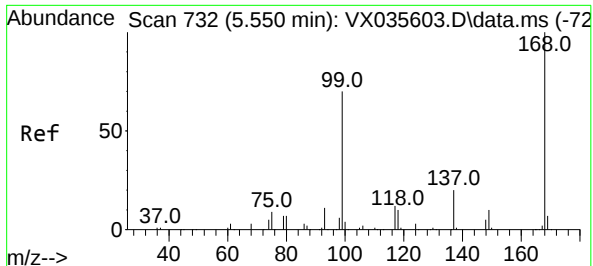
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
Data File : VX035796.D
Acq On : 22 May 2023 19:41
Operator : JC/MD
Sample : 02864-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ETGI-359

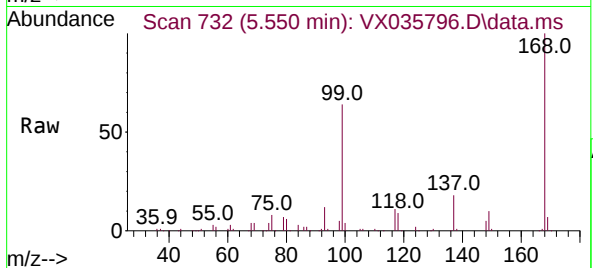
Quant Time: May 23 06:16:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



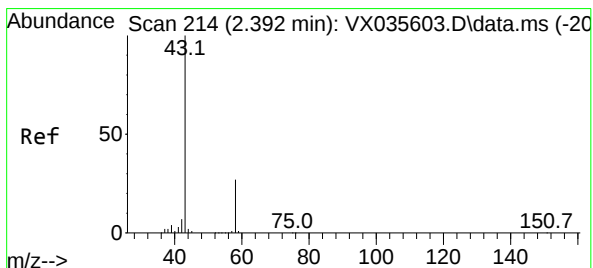
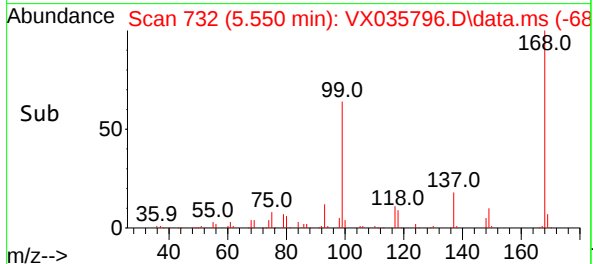
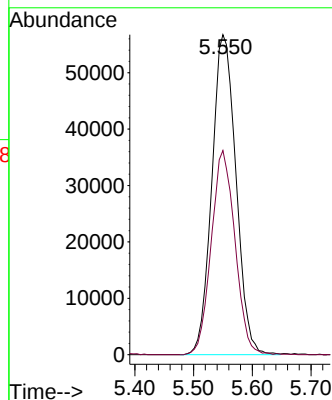


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

Instrument :
MSVOA_X
ClientSampleId :
ETGI-359

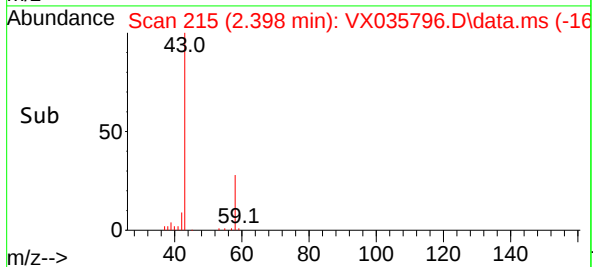
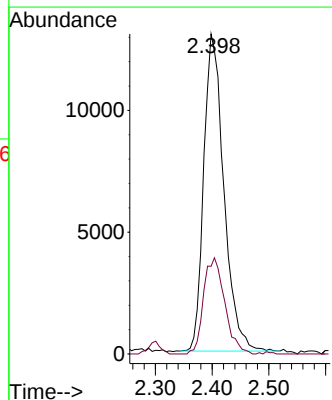
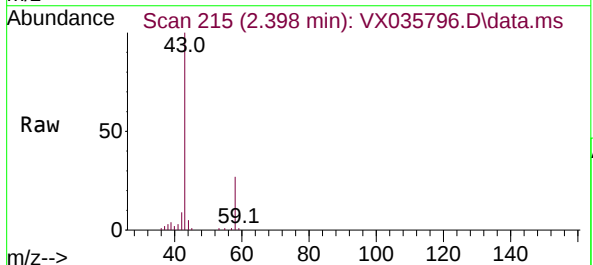


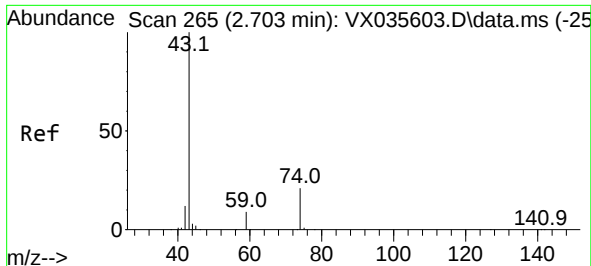
Tgt Ion:168 Resp: 161685
Ion Ratio Lower Upper
168 100
99 63.8 45.7 68.5



#16
Acetone
Concen: 26.467 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

Tgt Ion: 43 Resp: 32086
Ion Ratio Lower Upper
43 100
58 27.6 24.7 37.1

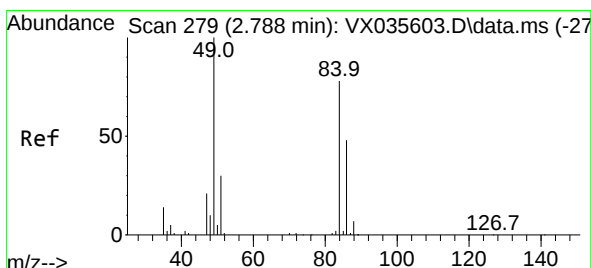
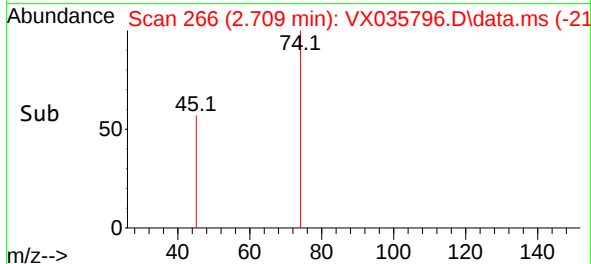
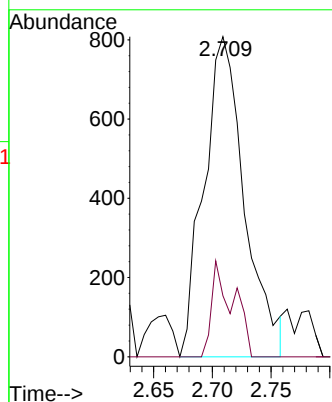
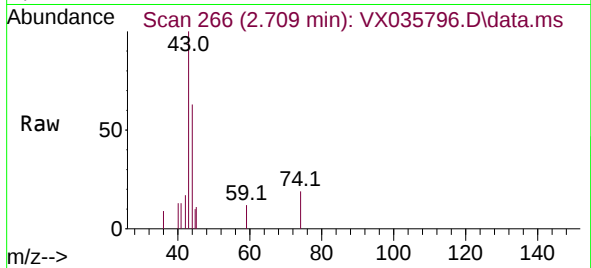




#18
Methyl Acetate
Concen: 0.434 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

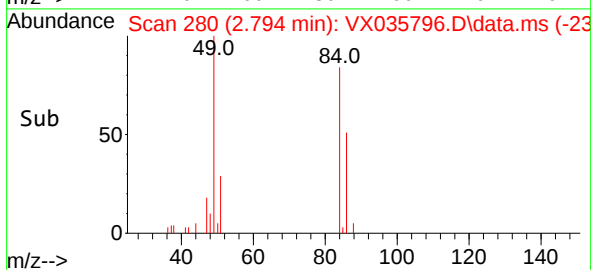
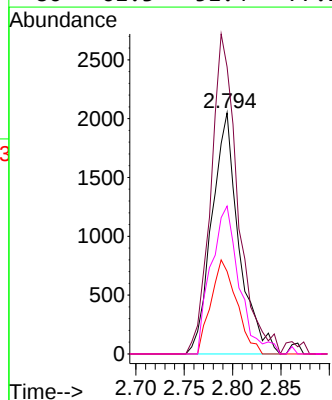
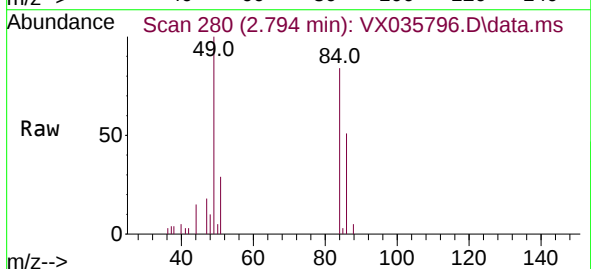
Instrument :
MSVOA_X
ClientSampleId :
ETGI-359

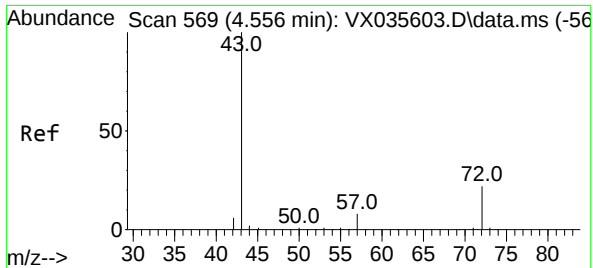
Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
74 15.9 18.3 27.5#



#20
Methylene Chloride
Concen: 1.812 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

Tgt Ion: 84 Resp: 3982
Ion Ratio Lower Upper
84 100
49 119.0 103.8 155.8
51 34.2 31.8 47.8
86 61.3 51.4 77.2

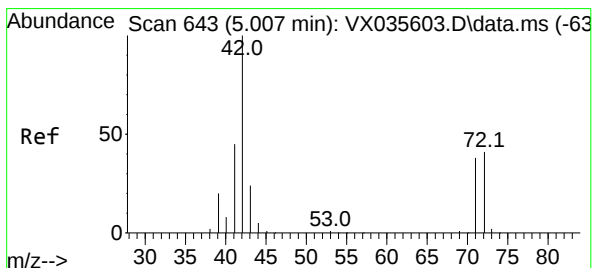
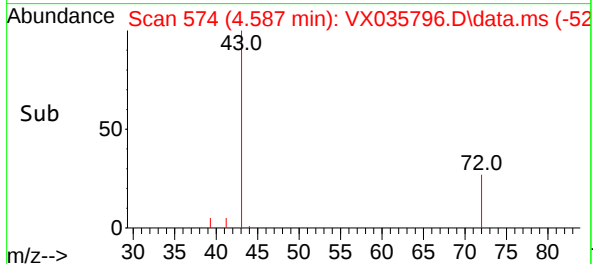
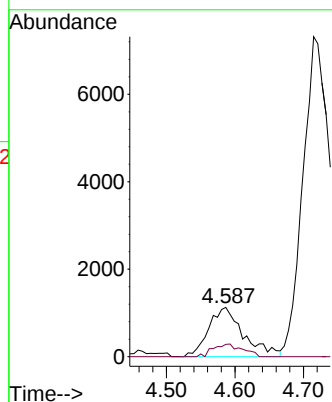
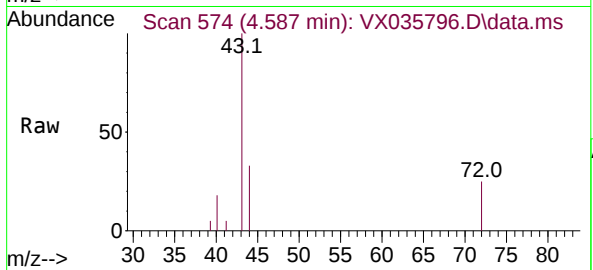




#25
2-Butanone
Concen: 2.380 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

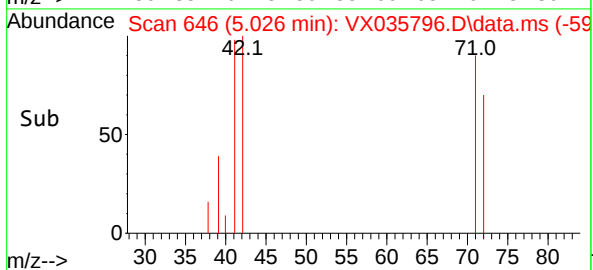
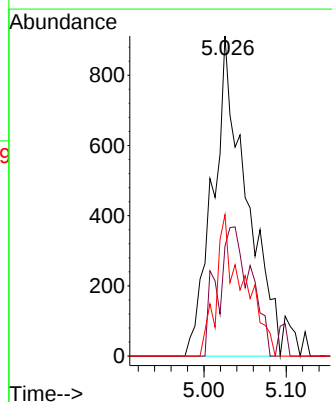
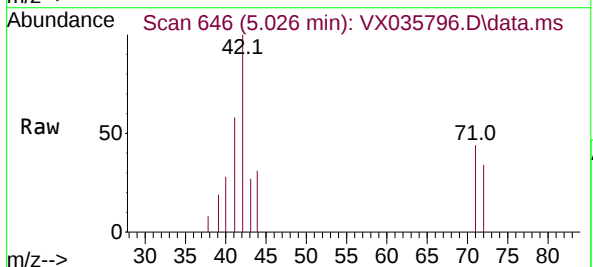
Instrument :
MSVOA_X
ClientSampleId :
ETGI-359

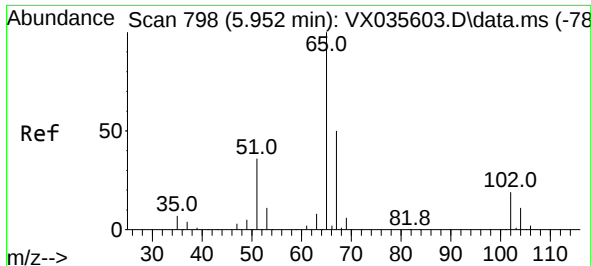
Tgt Ion: 43 Resp: 3994
Ion Ratio Lower Upper
43 100
72 25.1 19.3 28.9



#29
Tetrahydrofuran
Concen: 2.450 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.019 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

Tgt Ion: 42 Resp: 2584
Ion Ratio Lower Upper
42 100
72 39.9 34.5 51.7
71 36.0 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 46.082 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035796.D

Acq: 22 May 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

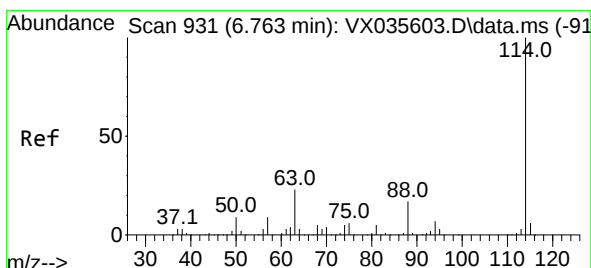
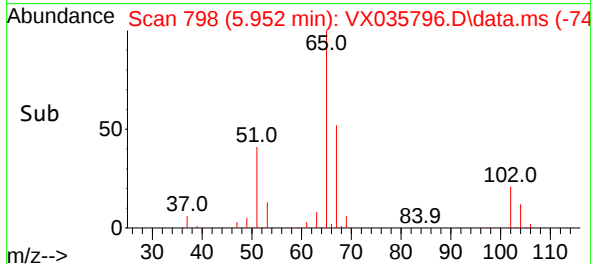
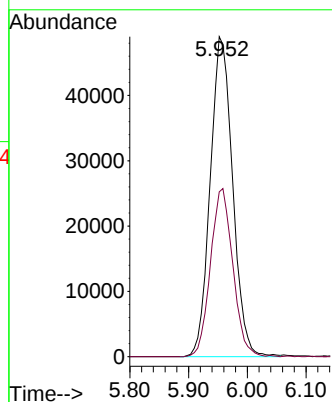
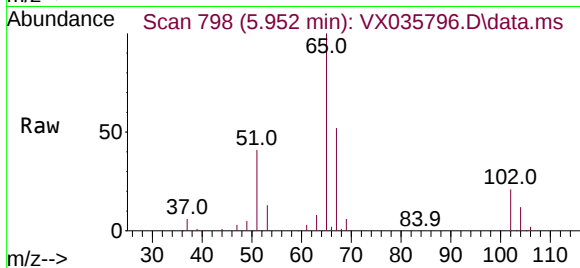
ETGI-359

Tgt Ion: 65 Resp: 129981

Ion Ratio Lower Upper

65 100

67 52.3 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: VX035796.D

Acq: 22 May 2023 19:41

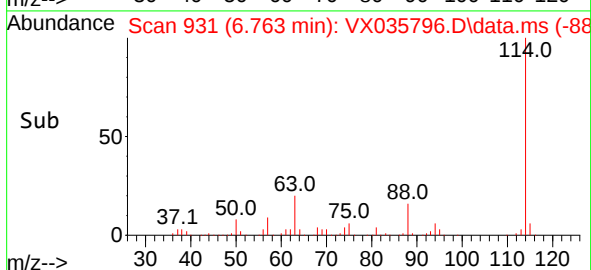
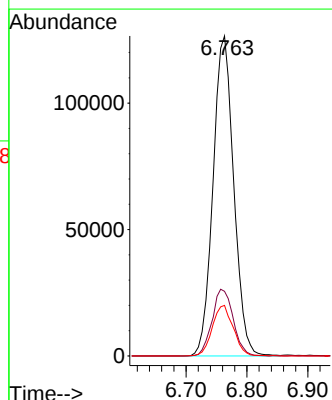
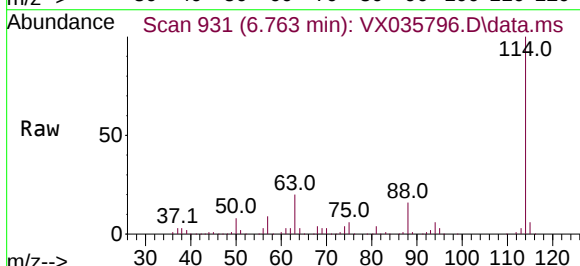
Tgt Ion: 114 Resp: 298517

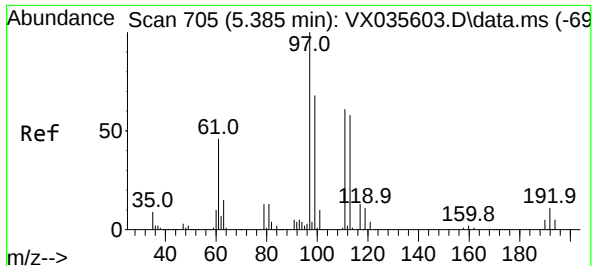
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.489 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX035796.D

Acq: 22 May 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

ETGI-359

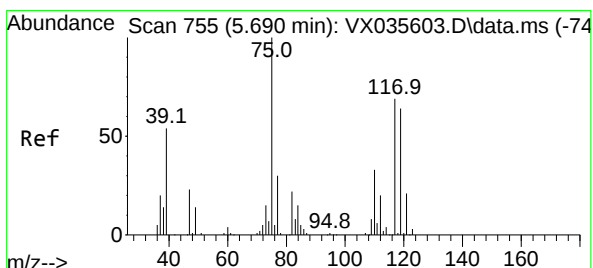
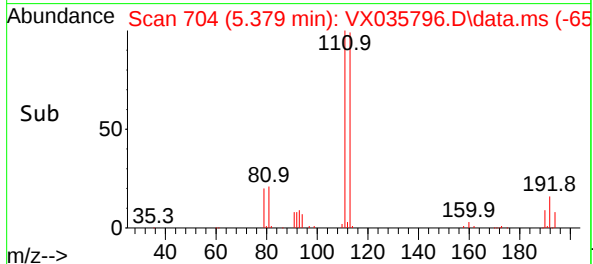
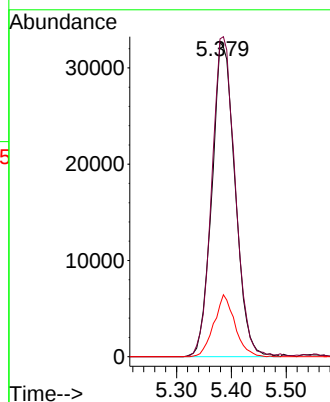
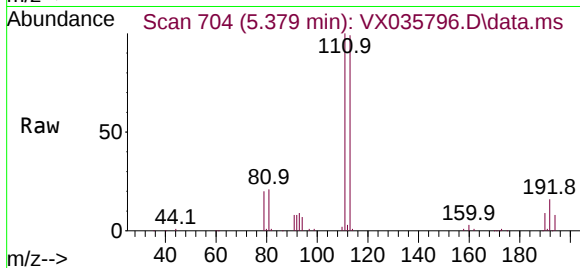
Tgt Ion:113 Resp: 95604

Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

192 17.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.316 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035796.D

Acq: 22 May 2023 19:41

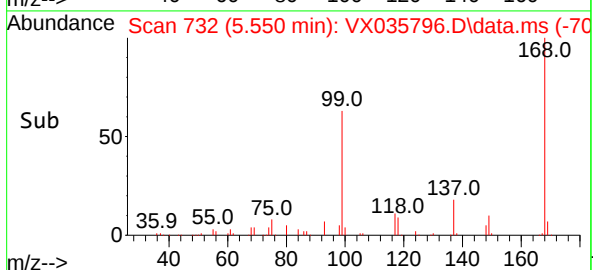
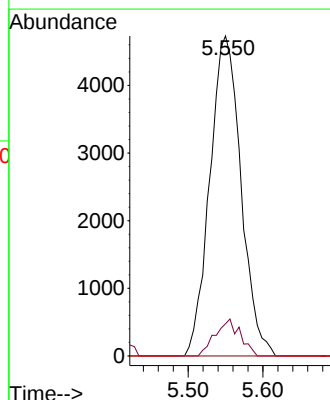
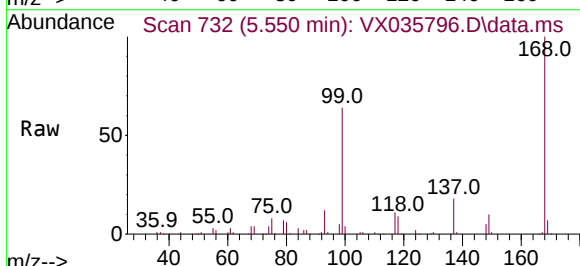
Tgt Ion: 75 Resp: 13716

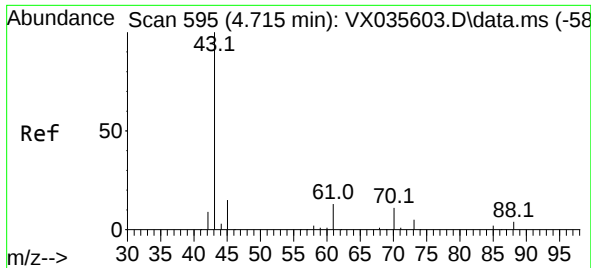
Ion Ratio Lower Upper

75 100

110 9.2 17.5 52.5#

77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 6.343 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035796.D

Acq: 22 May 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

ETGI-359

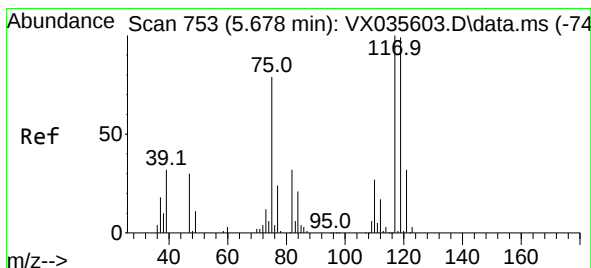
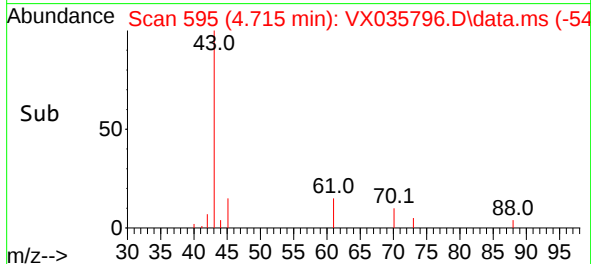
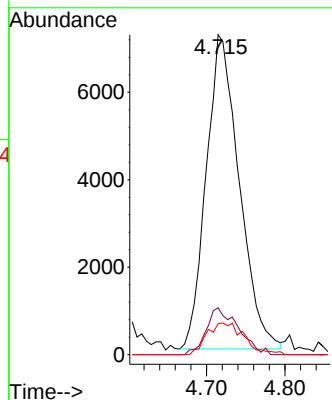
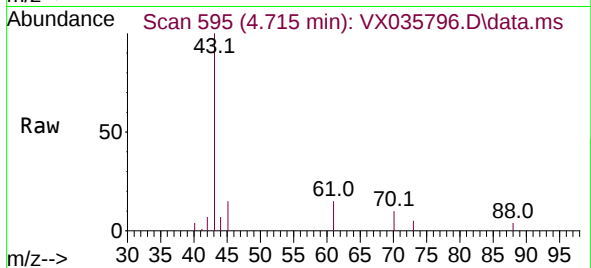
Tgt Ion: 43 Resp: 21025

Ion Ratio Lower Upper

43 100

61 14.5 10.2 15.4

70 11.5 8.2 12.4



#38

Carbon Tetrachloride

Concen: 5.427 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035796.D

Acq: 22 May 2023 19:41

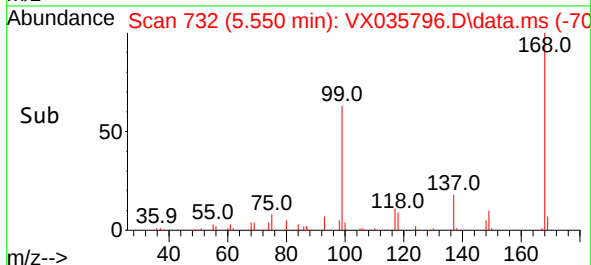
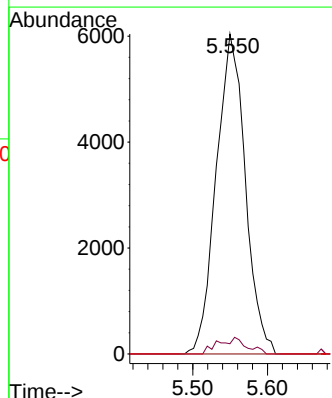
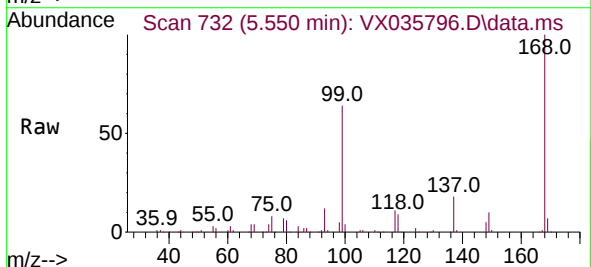
Tgt Ion: 117 Resp: 16337

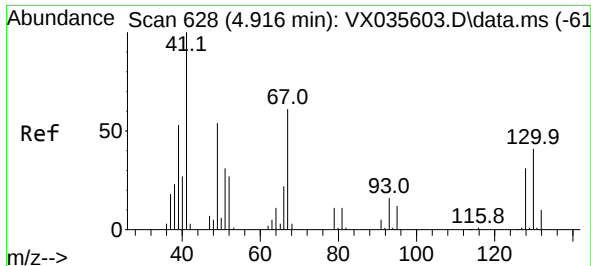
Ion Ratio Lower Upper

117 100

119 3.2 76.6 114.8#

121 0.0 23.8 35.6#

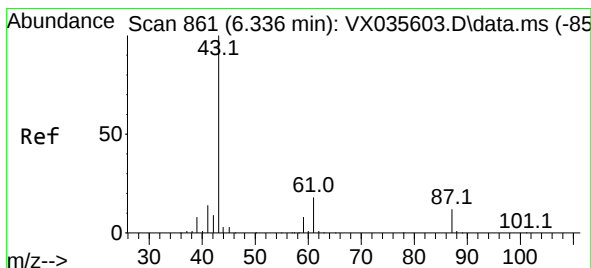
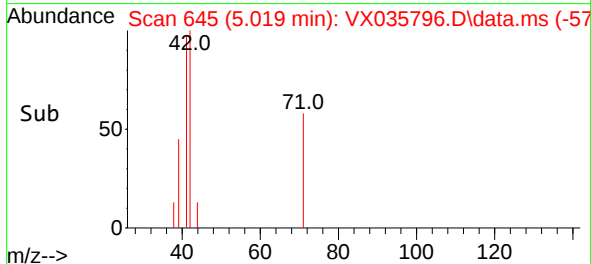
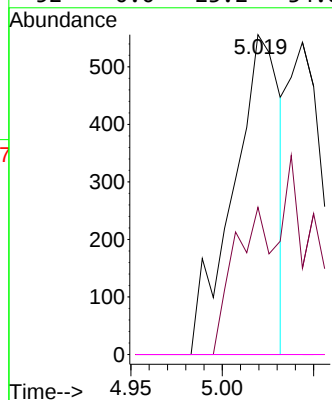
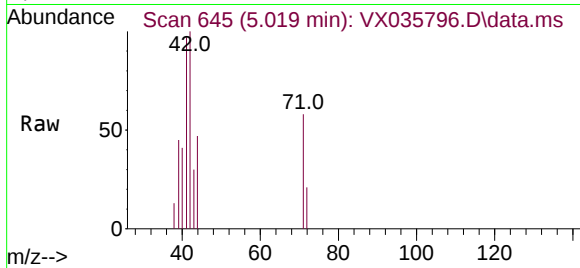




#41
Methacrylonitrile
Concen: 0.504 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.103 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

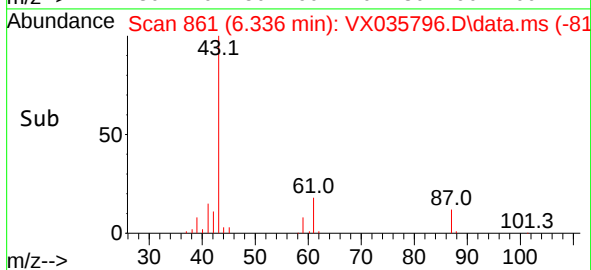
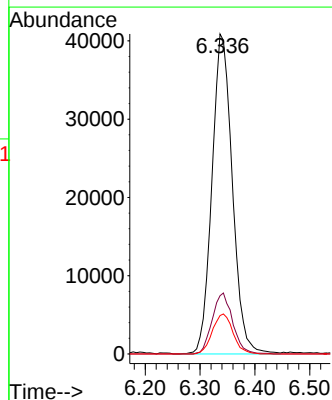
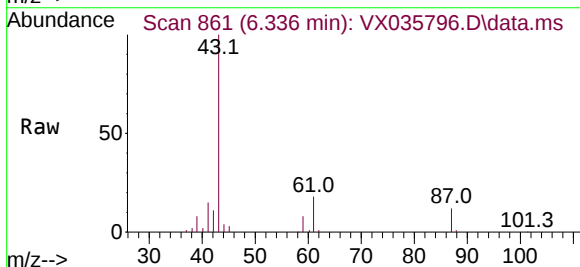
Instrument :
MSVOA_X
ClientSampleId :
ETGI-359

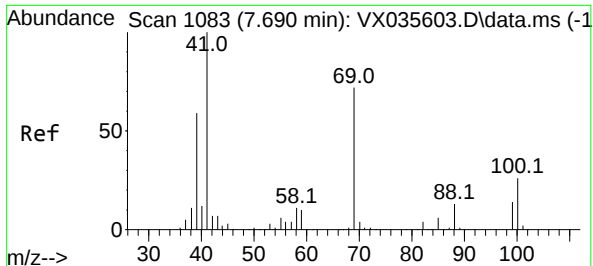
Tgt Ion: 41	Resp:	992
Ion	Ratio	Lower Upper
41	100	
39	89.6	45.0 67.6#
67	0.0	55.6 83.4#
52	0.0	23.2 34.8#



#43
Isopropyl Acetate
Concen: 18.268 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

Tgt Ion: 43	Resp:	105586
Ion	Ratio	Lower Upper
43	100	
61	19.1	15.2 22.8
87	12.6	9.8 14.8





#48

Methyl methacrylate

Concen: 0.511 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.086 min

Lab File: VX035796.D

Acq: 22 May 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

ETGI-359

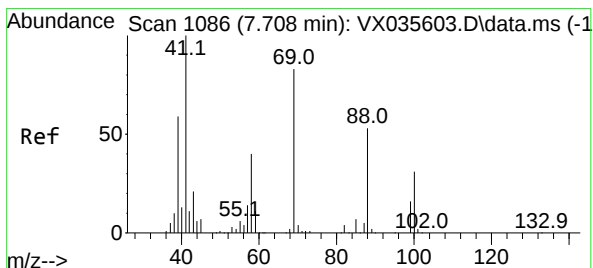
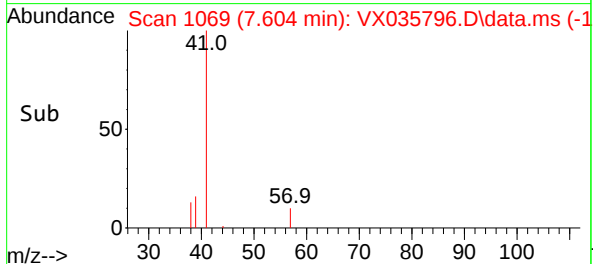
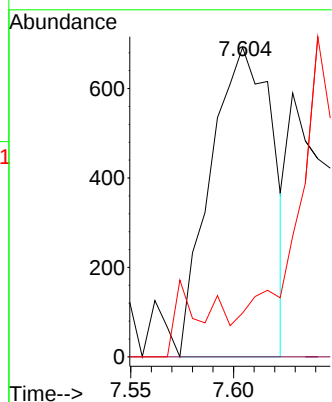
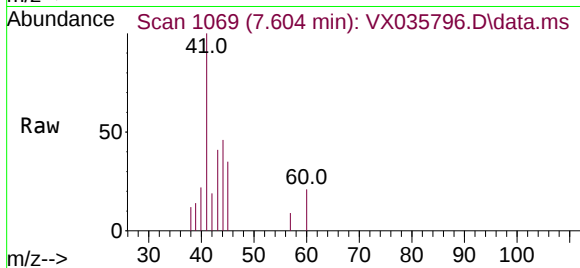
Tgt Ion: 41 Resp: 1458

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 47.7 71.5#



#49

1,4-Dioxane

Concen: 3.233 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.018 min

Lab File: VX035796.D

Acq: 22 May 2023 19:41

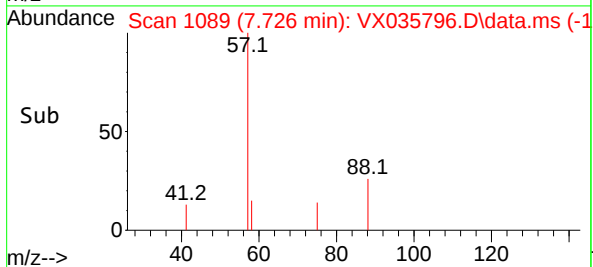
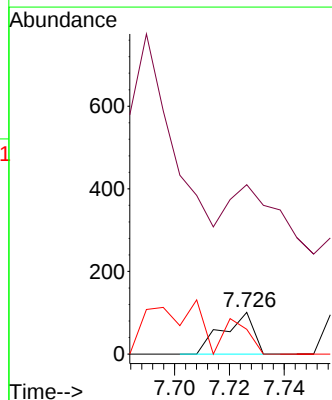
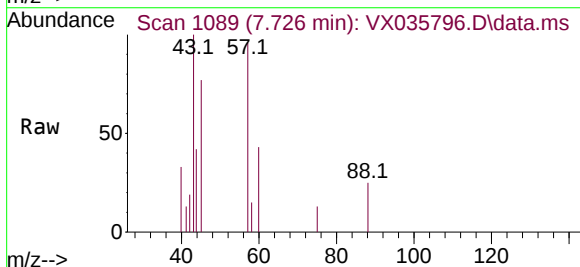
Tgt Ion: 88 Resp: 78

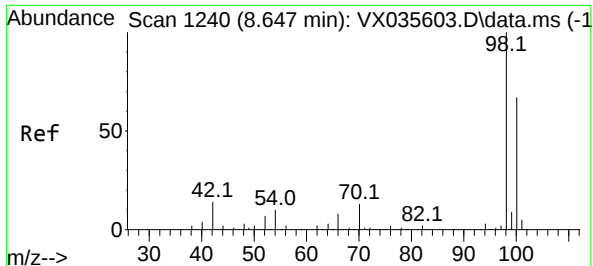
Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 265.4 56.8 85.2#

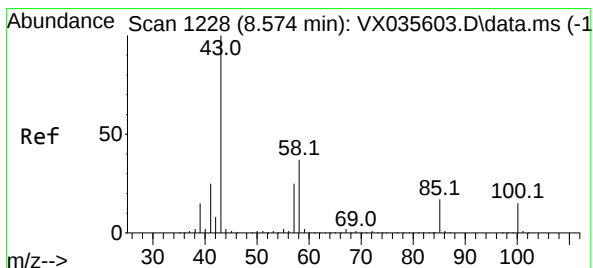
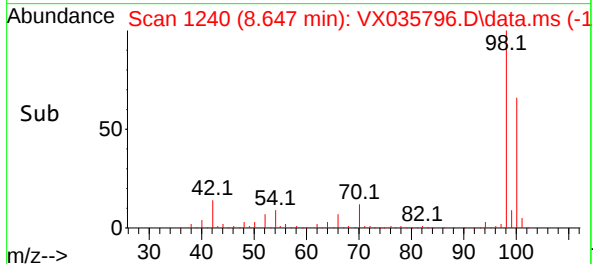
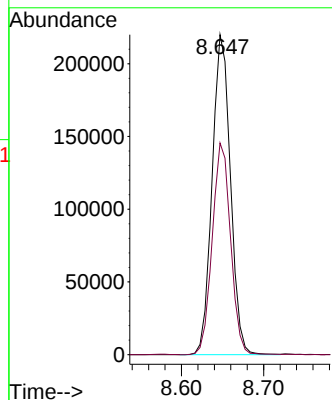
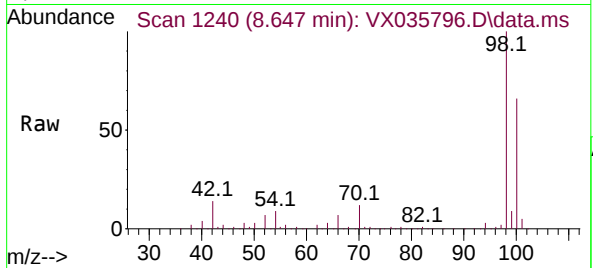




#50
Toluene-d8
Concen: 45.694 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

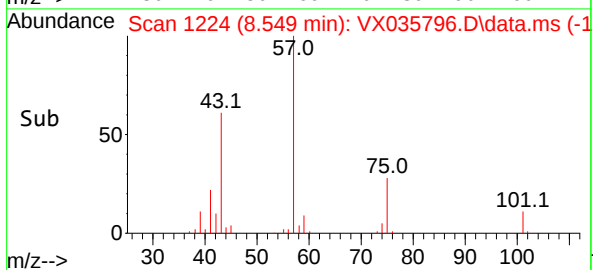
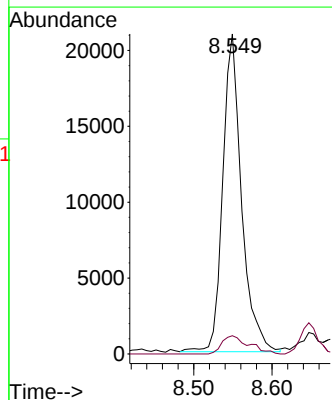
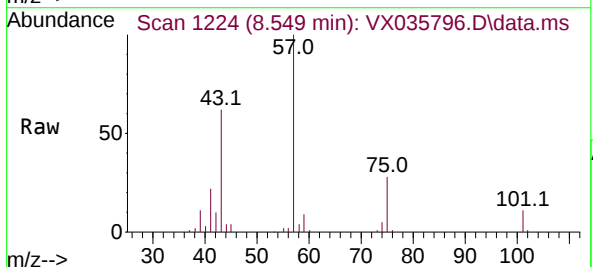
Instrument :
MSVOA_X
ClientSampleId :
ETGI-359

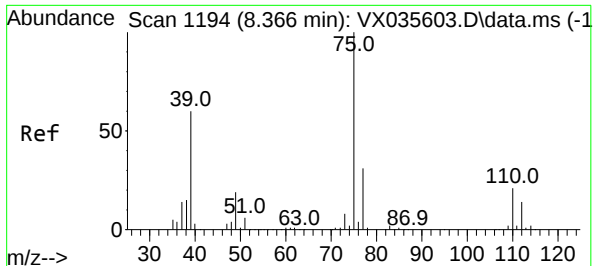
Tgt Ion: 98 Resp: 339837
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 10.515 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

Tgt Ion: 43 Resp: 35011
Ion Ratio Lower Upper
43 100
58 8.2 30.6 46.0#





#54

cis-1,3-Dichloropropene

Concen: 3.772 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX035796.D

Acq: 22 May 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

ETGI-359

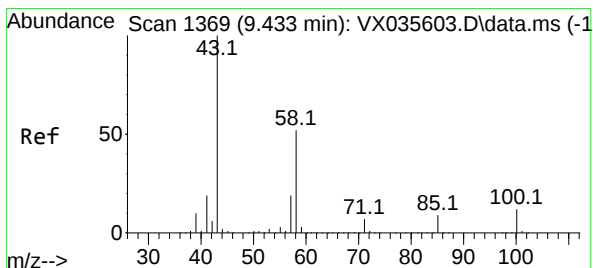
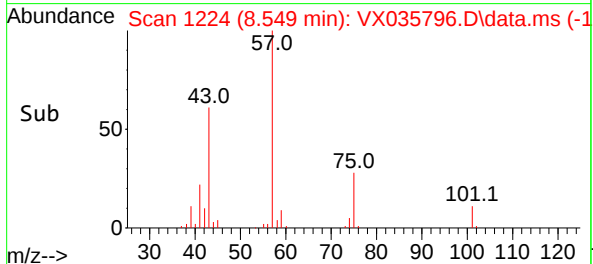
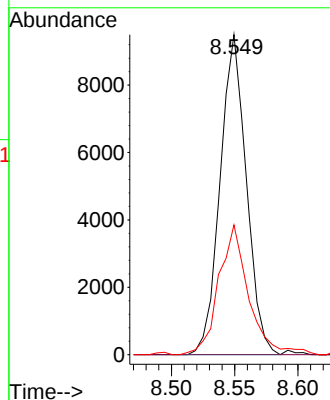
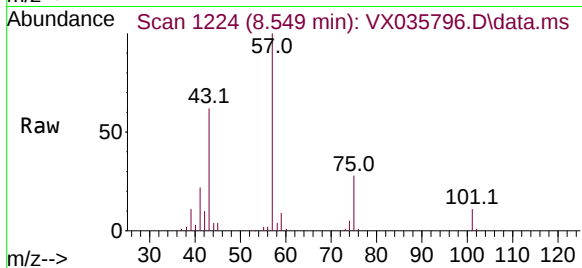
Tgt Ion: 75 Resp: 13677

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 40.6 44.6 66.8#



#59

2-Hexanone

Concen: 2.741 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX035796.D

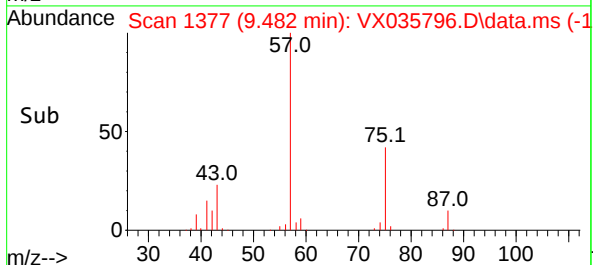
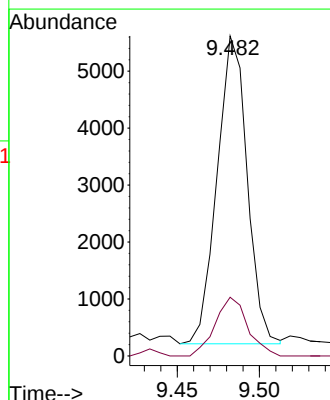
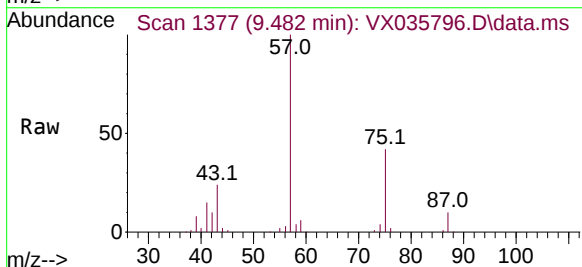
Acq: 22 May 2023 19:41

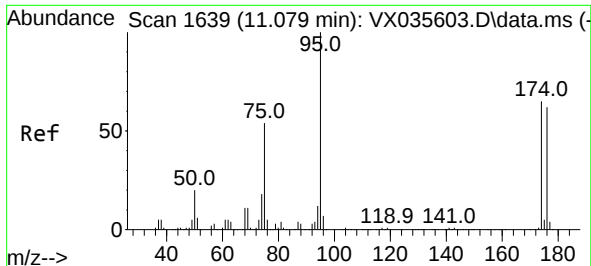
Tgt Ion: 43 Resp: 6874

Ion Ratio Lower Upper

43 100

58 20.6 26.3 78.9#

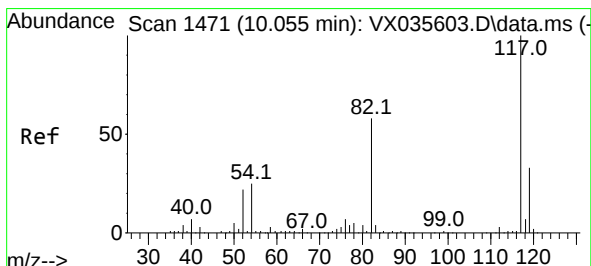
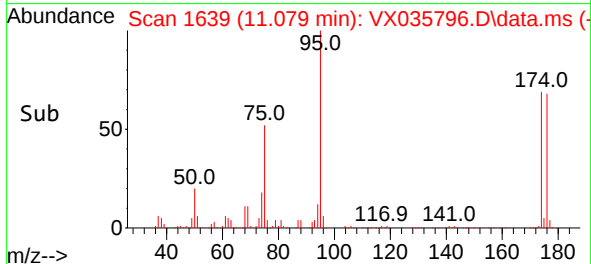
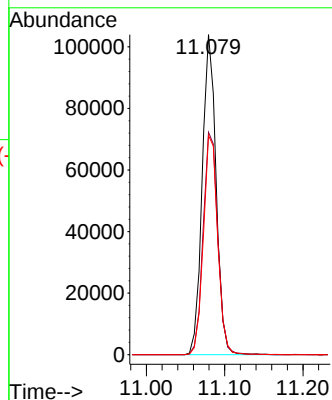
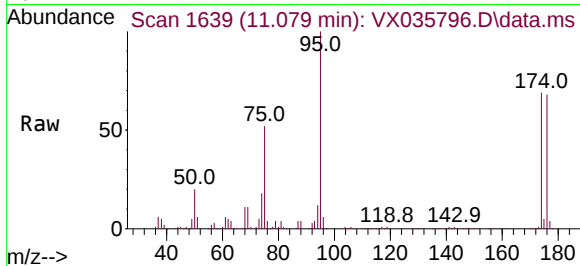




#62
4-Bromofluorobenzene
Concen: 42.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

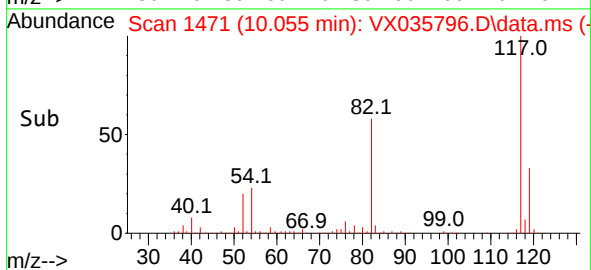
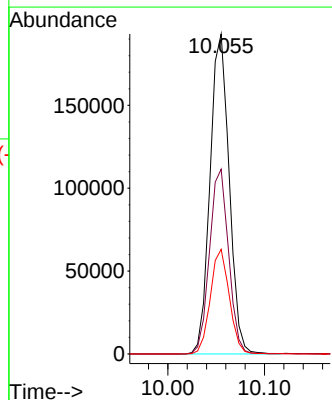
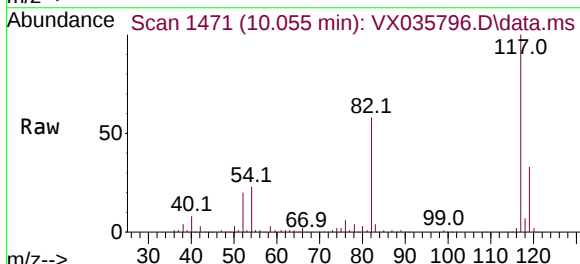
Instrument :
MSVOA_X
ClientSampleId :
ETGI-359

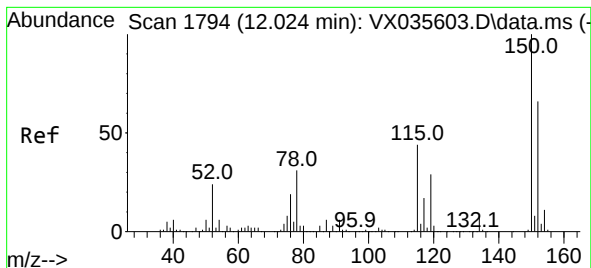
Tgt Ion: 95 Resp: 127918
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.4
176 70.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035796.D
Acq: 22 May 2023 19:41

Tgt Ion: 117 Resp: 265026
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035796.D

Acq: 22 May 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

ETGI-359

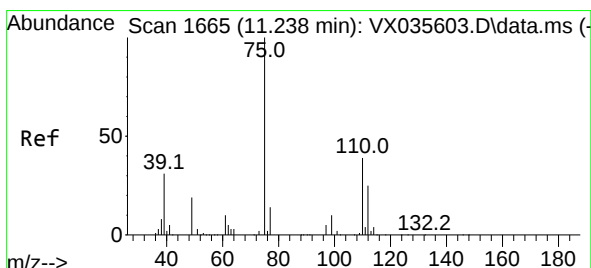
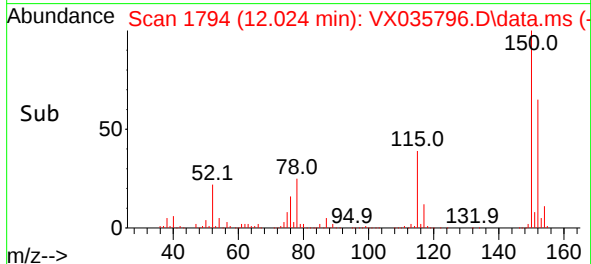
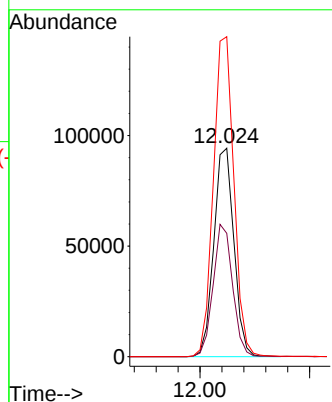
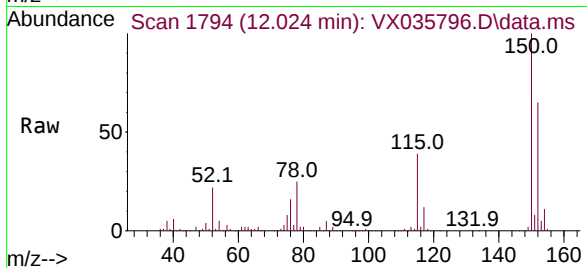
Tgt Ion:152 Resp: 120090

Ion Ratio Lower Upper

152 100

115 61.6 45.0 135.0

150 156.7 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 23.210 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035796.D

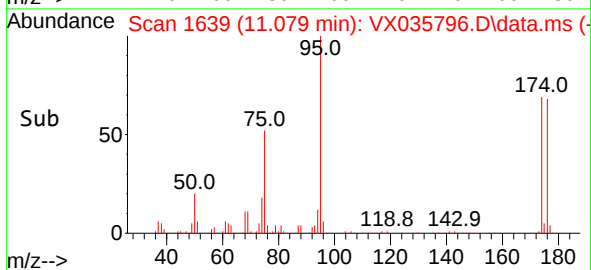
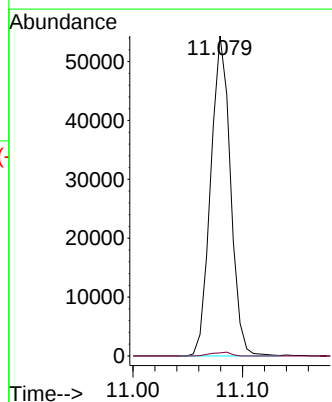
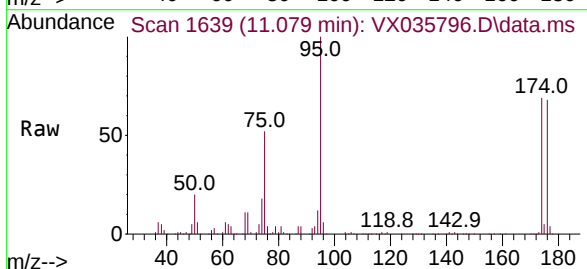
Acq: 22 May 2023 19:41

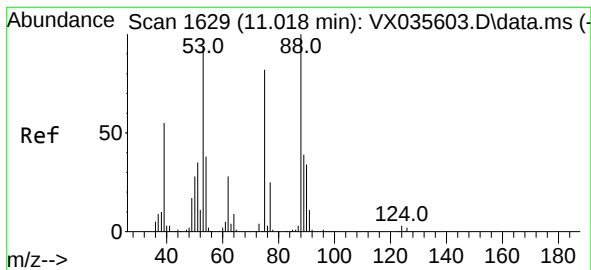
Tgt Ion: 75 Resp: 68178

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.802 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035796.D
 Acq: 22 May 2023 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-359

Tgt Ion: 75 Resp: 68178
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

