

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031260.D
 Acq On : 09 Sep 2022 16:31
 Operator : JC/MD
 Sample : N4495-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-345

Quant Time: Sep 12 00:58:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

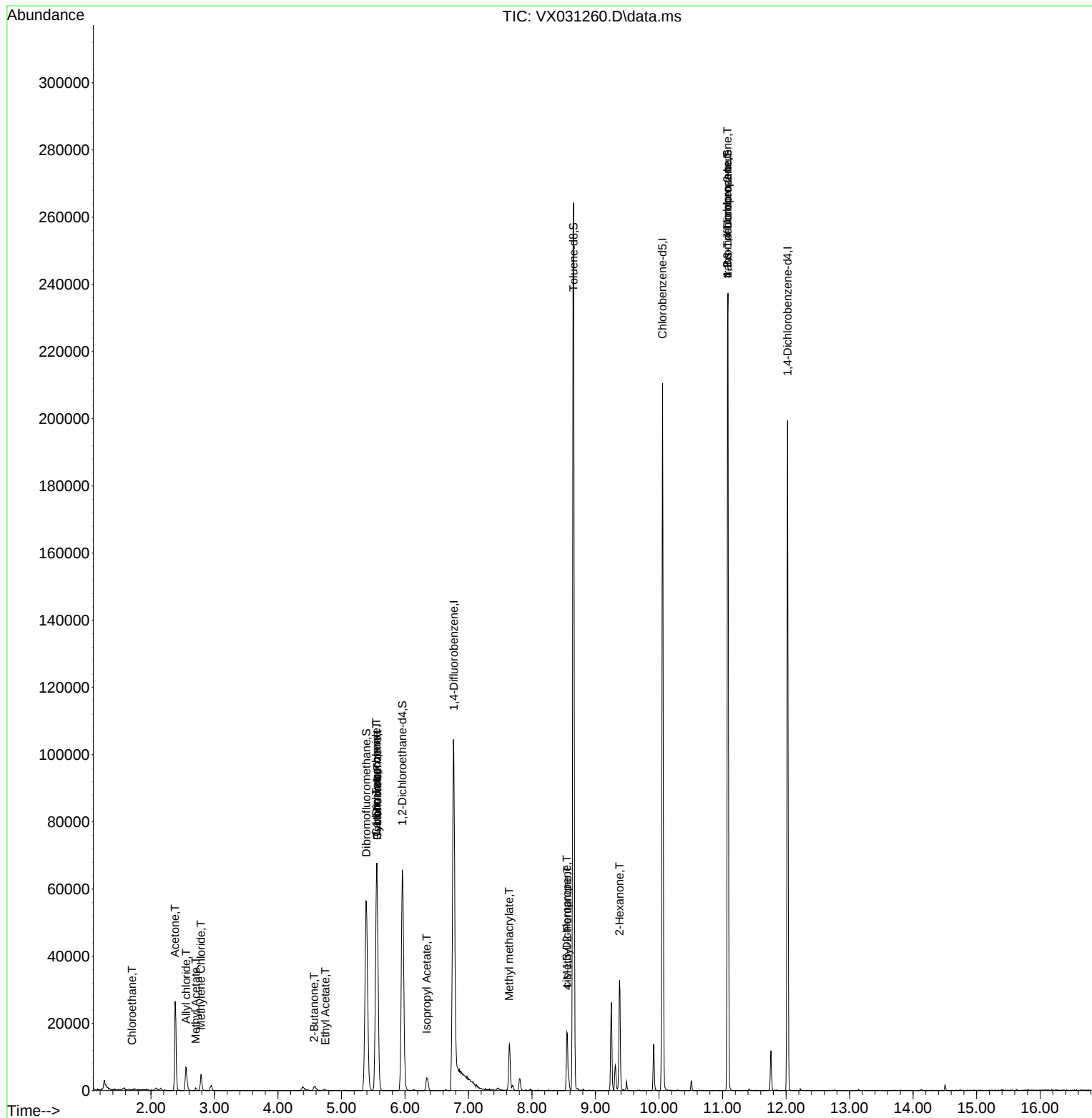
Internal Standards						
1) Pentafluorobenzene	5.562	168	52130	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	93324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76038	61.609	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.220%	
35) Dibromofluoromethane	5.391	113	48232	47.427	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.860%	
50) Toluene-d8	8.653	98	159550	43.181	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 86.360%	
62) 4-Bromofluorobenzene	11.079	95	64156	47.380	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.760%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	117	0.274	ug/l	# 41
11) Tert butyl alcohol	2.946	59	1037	Below Cal	#	74
14) Allyl chloride	2.556	41	679	0.574	ug/l	# 10
16) Acetone	2.380	43	28643	67.026	ug/l	# 87
18) Methyl Acetate	2.703	43	858	0.776	ug/l	# 85
20) Methylene Chloride	2.788	84	2417	2.406	ug/l	# 86
25) 2-Butanone	4.568	43	877	1.385	ug/l	95
31) Cyclohexane	5.562	56	1538	1.115	ug/l	# 36
36) 1,1-Dichloropropene	5.550	75	5160	3.388	ug/l	# 53
37) Ethyl Acetate	4.745	43	914	0.676	ug/l	# 67
38) Carbon Tetrachloride	5.550	117	6921	4.319	ug/l	# 17
43) Isopropyl Acetate	6.342	43	5186	2.434	ug/l	# 90
48) Methyl methacrylate	7.641	41	512	0.494	ug/l	# 11
51) 4-Methyl-2-Pentanone	8.555	43	7624	5.845	ug/l	# 36
54) cis-1,3-Dichloropropene	8.549	75	2978	1.698	ug/l	# 77
59) 2-Hexanone	9.378	43	19786	20.058	ug/l	# 24
76) 1,2,3-Trichloropropane	11.079	75	39314	41.159	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	39314	132.733	ug/l	# 12

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

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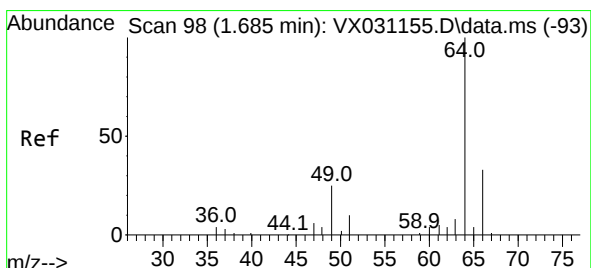
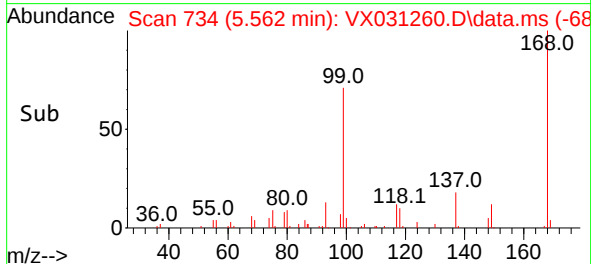
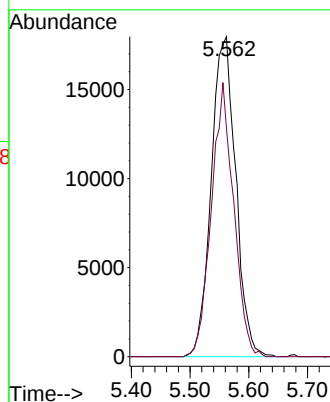
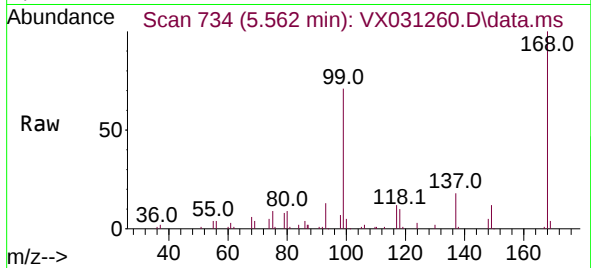




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

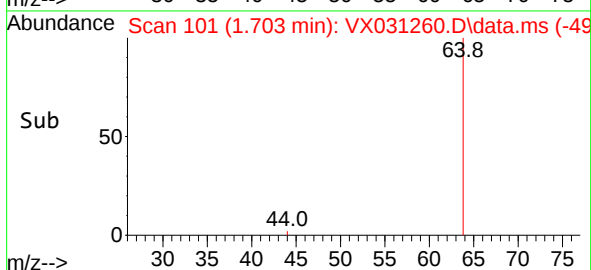
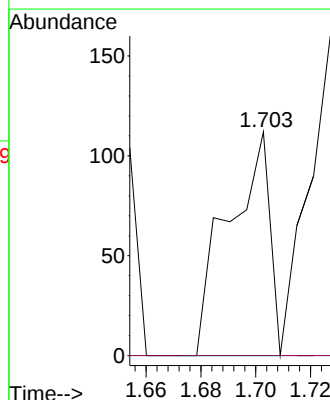
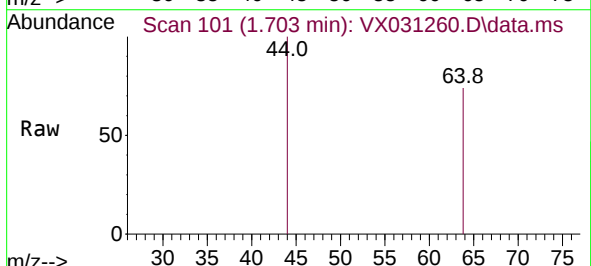
Instrument :
MSVOA_X
ClientSampleId :
ETGI-345

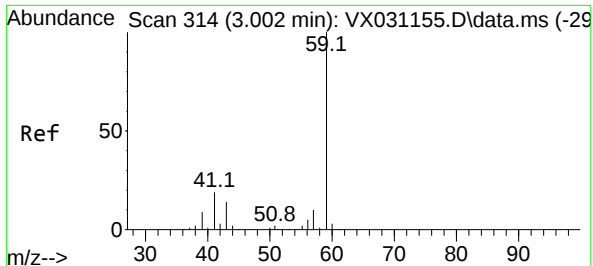
Tgt Ion:168 Resp: 52130
Ion Ratio Lower Upper
168 100
99 71.4 44.0 66.0#



#6
Chloroethane
Concen: 0.274 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

Tgt Ion: 64 Resp: 117
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.055 min

Lab File: VX031260.D

Acq: 09 Sep 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

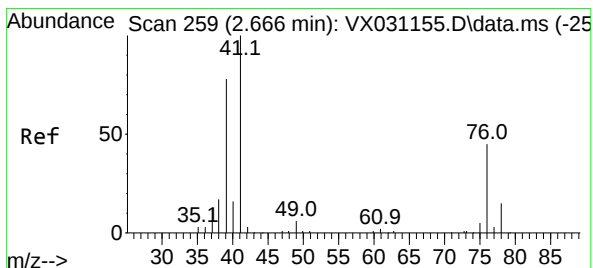
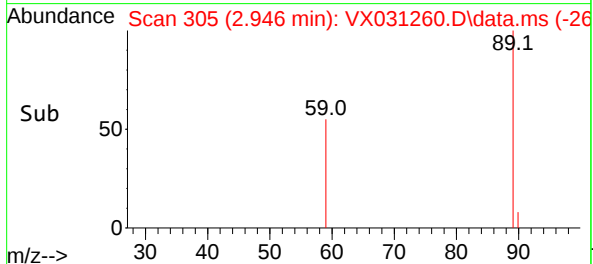
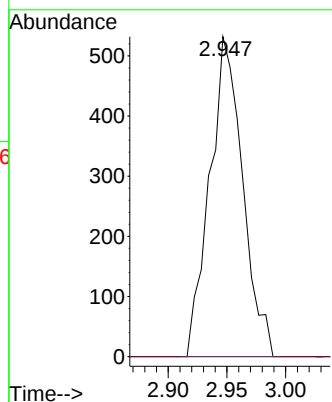
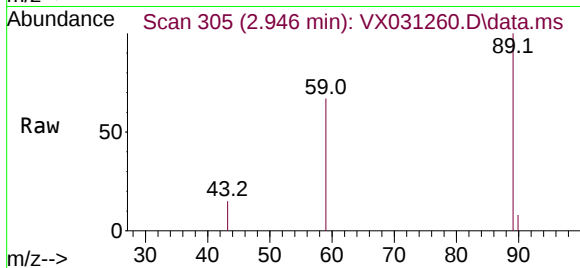
ETGI-345

Tgt Ion: 59 Resp: 1037

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#14

Allyl chloride

Concen: 0.574 ug/l

RT: 2.556 min Scan# 241

Delta R.T. -0.110 min

Lab File: VX031260.D

Acq: 09 Sep 2022 16:31

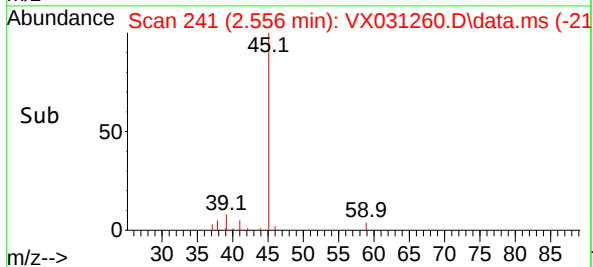
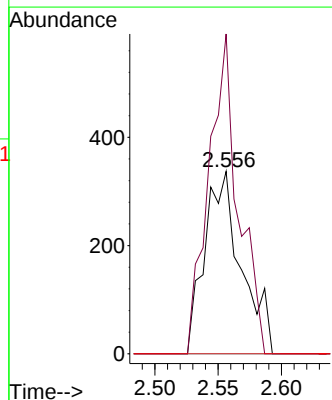
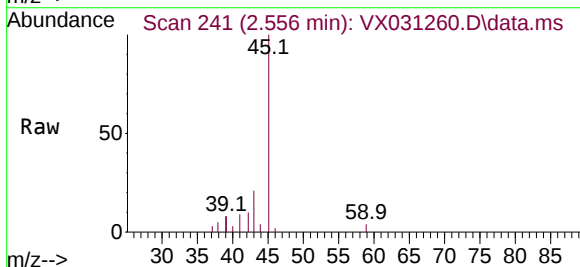
Tgt Ion: 41 Resp: 679

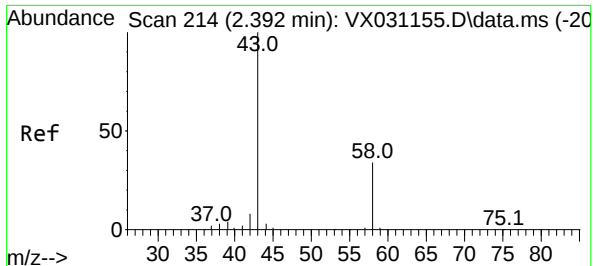
Ion Ratio Lower Upper

41 100

39 142.3 48.9 73.3#

76 0.0 26.9 40.3#

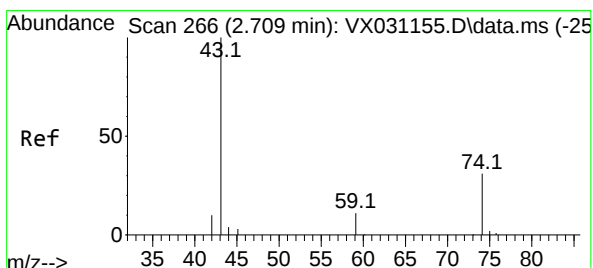
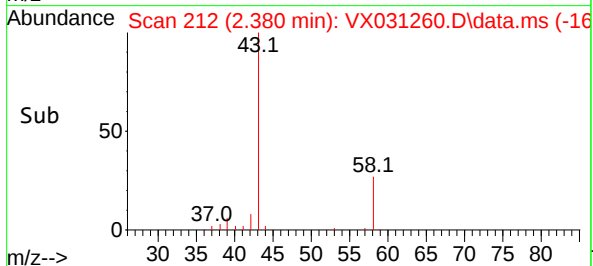
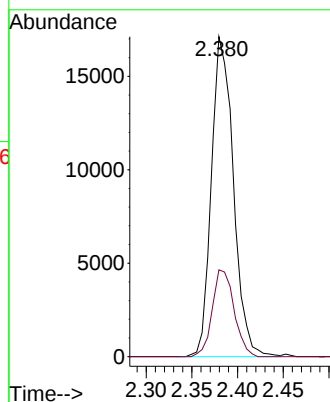
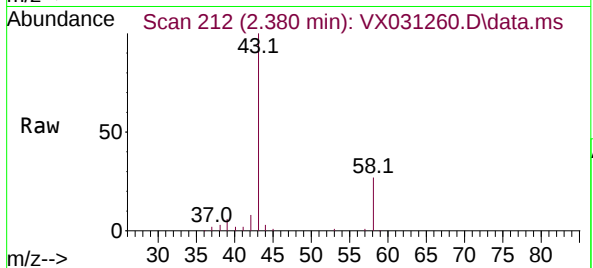




#16
Acetone
Concen: 67.026 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

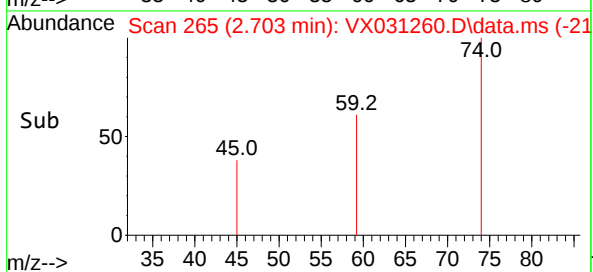
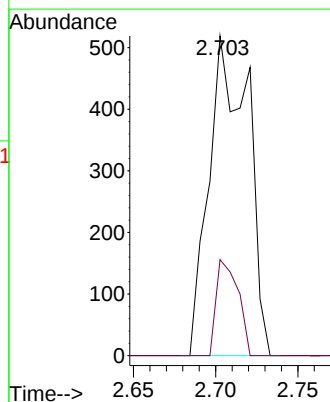
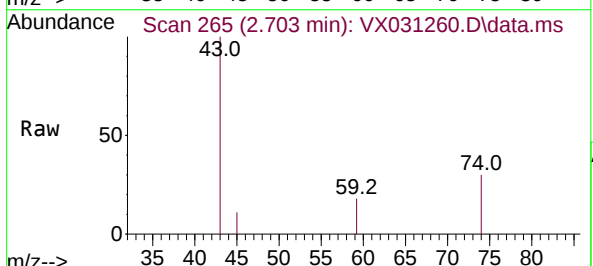
Instrument :
MSVOA_X
ClientSampleId :
ETGI-345

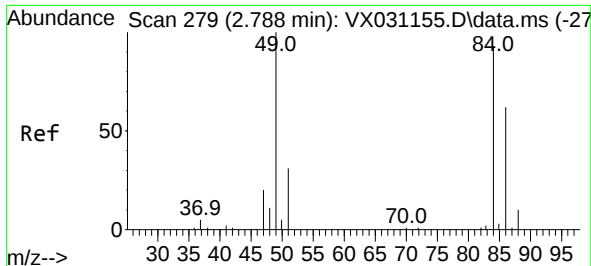
Tgt Ion: 43 Resp: 28643
Ion Ratio Lower Upper
43 100
58 27.1 27.7 41.5#



#18
Methyl Acetate
Concen: 0.776 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
74 16.7 19.4 29.2#

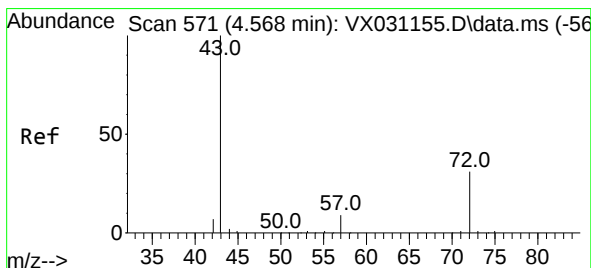
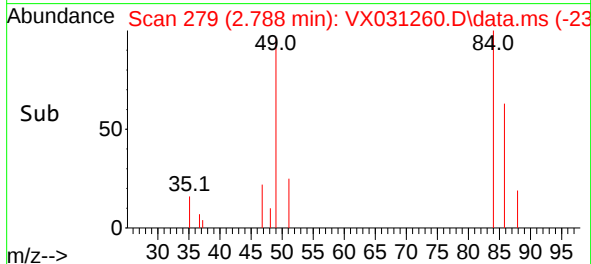
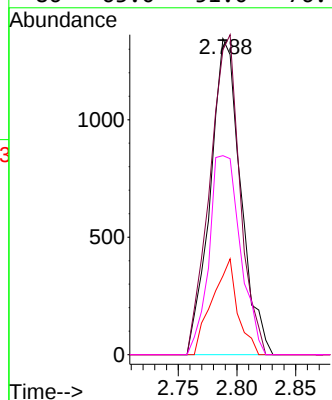
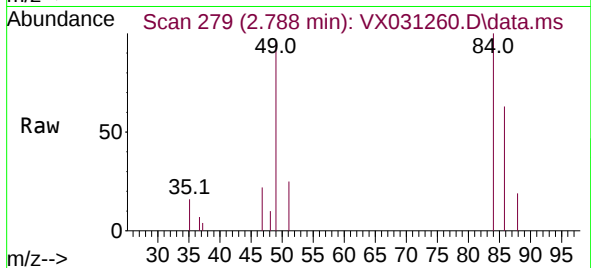




#20
Methylene Chloride
Concen: 2.406 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

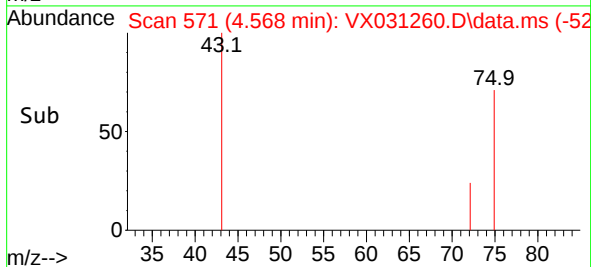
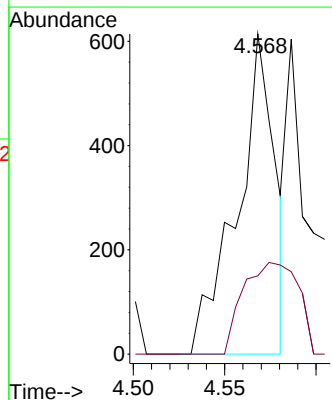
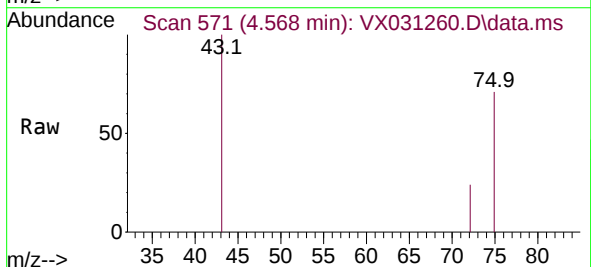
Instrument :
MSVOA_X
ClientSampleId :
ETGI-345

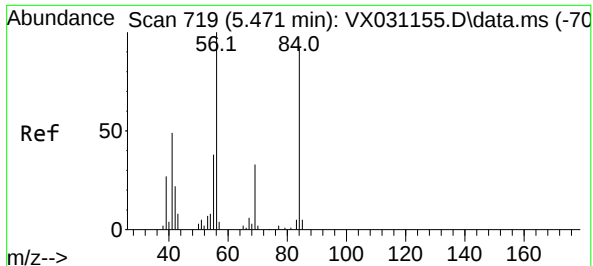
Tgt Ion: 84	Resp: 2417
Ion Ratio	Lower Upper
84 100	
49 96.4	93.8 140.6
51 24.9	29.4 44.0#
86 63.0	51.0 76.4



#25
2-Butanone
Concen: 1.385 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

Tgt Ion: 43	Resp: 877		
Ion Ratio	Lower	Upper	
43 100			
72 24.4	21.7	32.5	

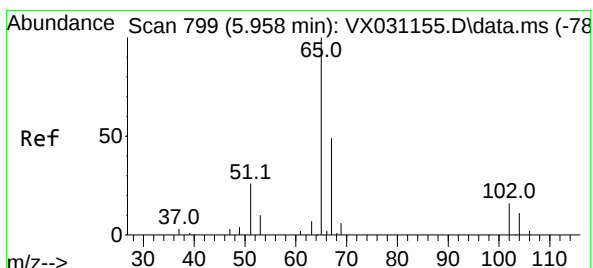
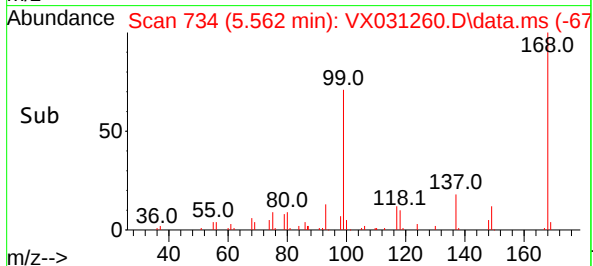
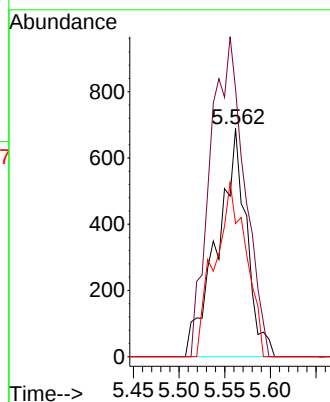
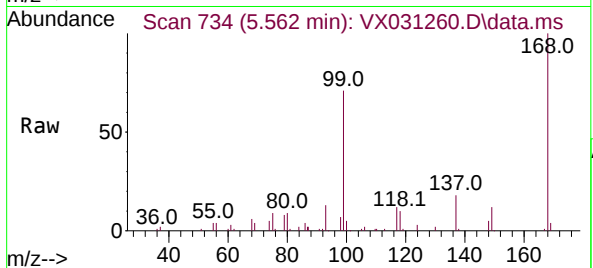




#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

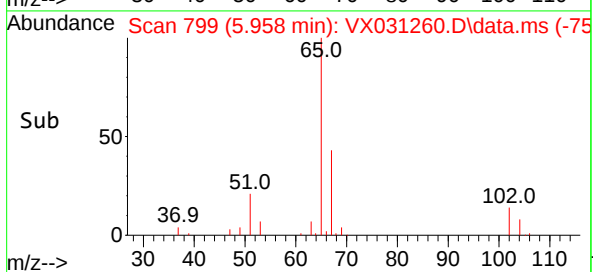
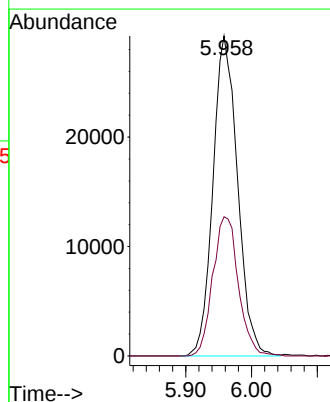
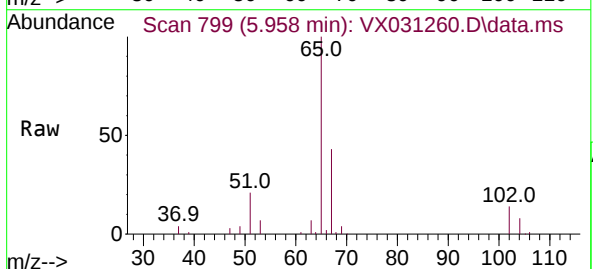
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ETGI-345

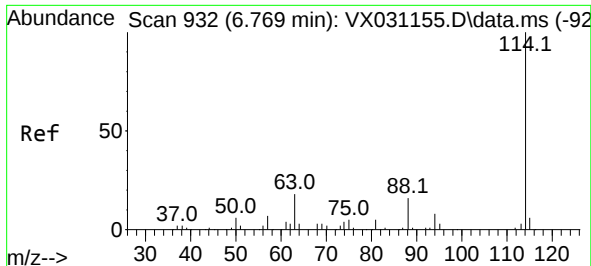
Tgt Ion: 56 Resp: 1538
Ion Ratio Lower Upper
56 100
69 117.3 25.4 38.0#
84 58.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 61.609 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

Tgt Ion: 65 Resp: 76038
Ion Ratio Lower Upper
65 100
67 45.3 0.0 109.6

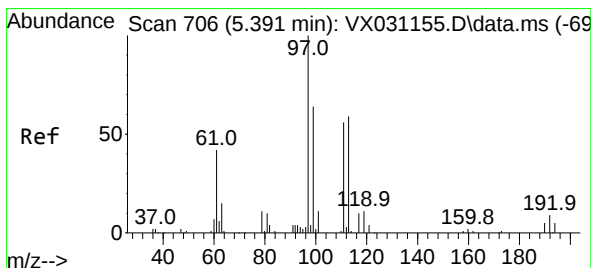
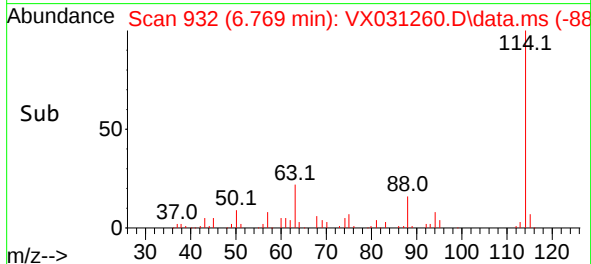
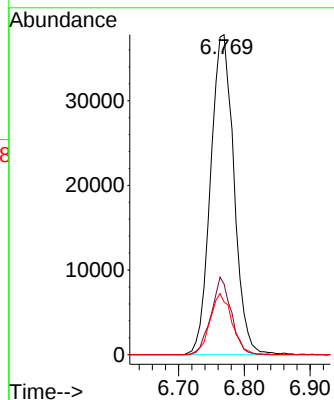
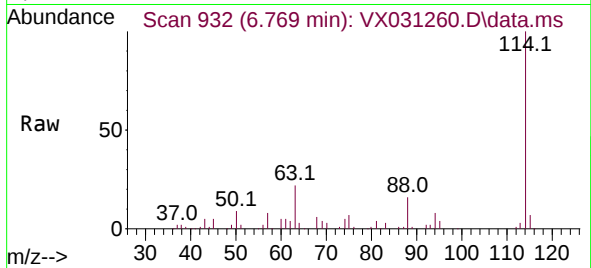




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

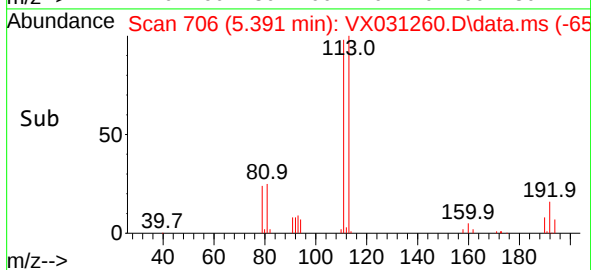
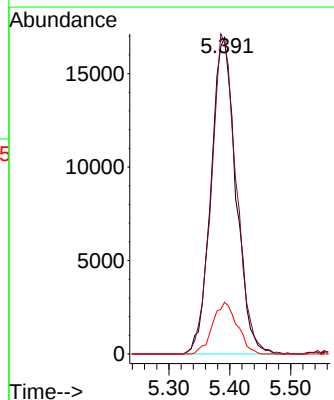
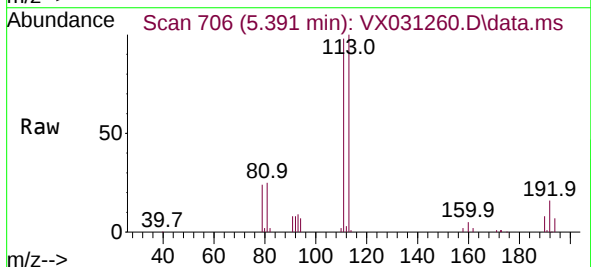
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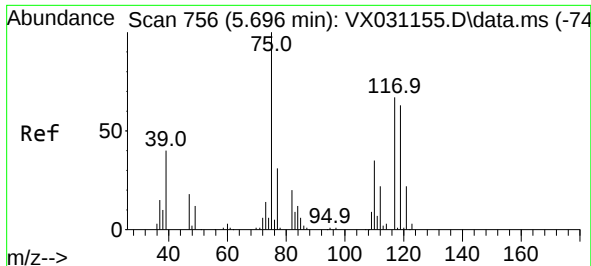
Tgt Ion:114 Resp: 93324
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.4
88 16.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.427 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

Tgt Ion:113 Resp: 48232
Ion Ratio Lower Upper
113 100
111 100.8 83.2 124.8
192 16.1 14.8 22.2

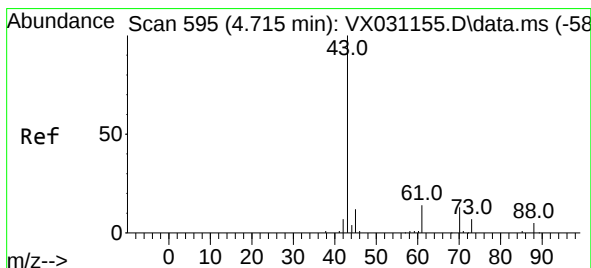
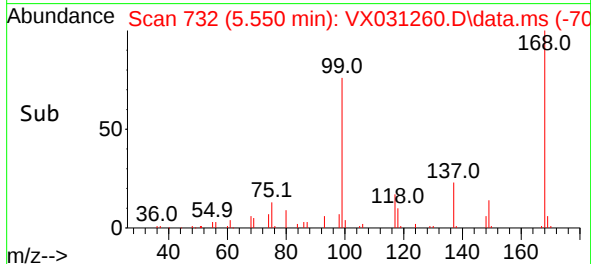
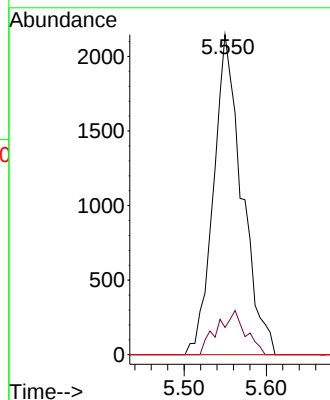
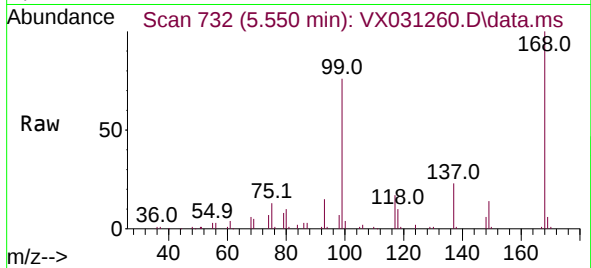




#36
1,1-Dichloropropene
Concen: 3.388 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

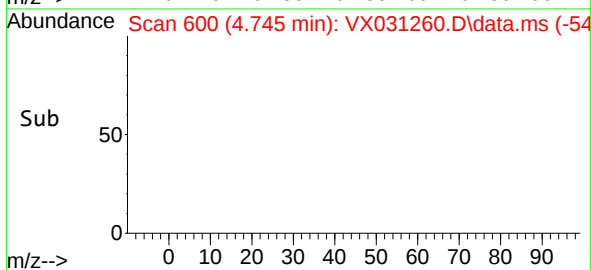
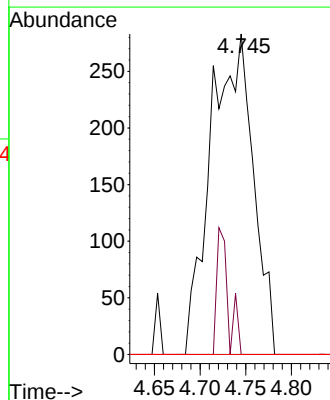
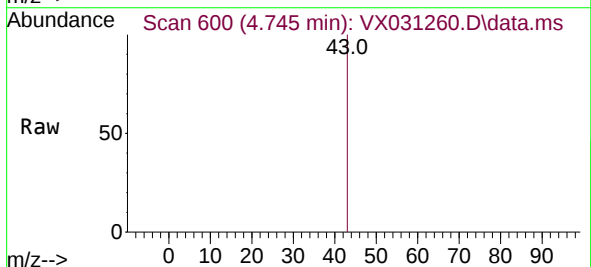
Instrument :
MSVOA_X
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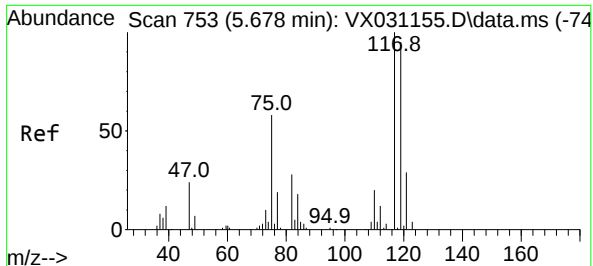
Tgt Ion: 75 Resp: 5160
Ion Ratio Lower Upper
75 100
110 13.8 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.676 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.030 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

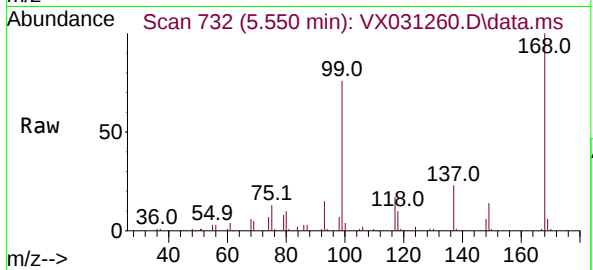
Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 9.3 13.9#



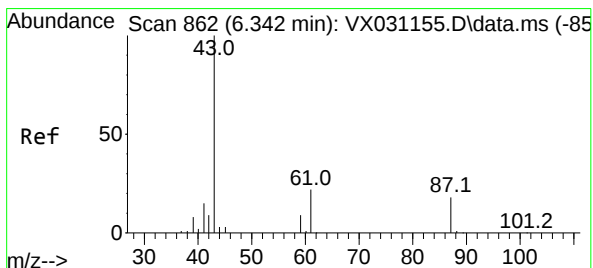
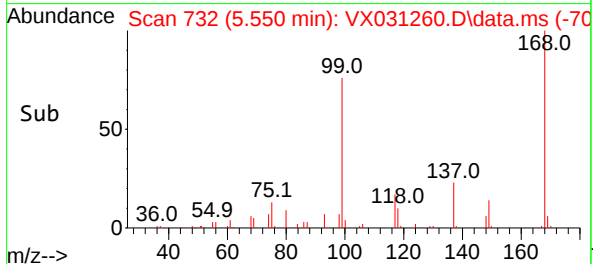
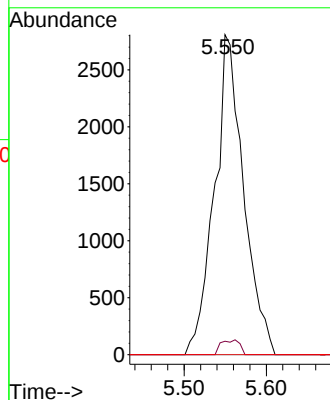


#38
Carbon Tetrachloride
Concen: 4.319 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

Instrument :
MSVOA_X
ClientSampleId :
ETGI-345

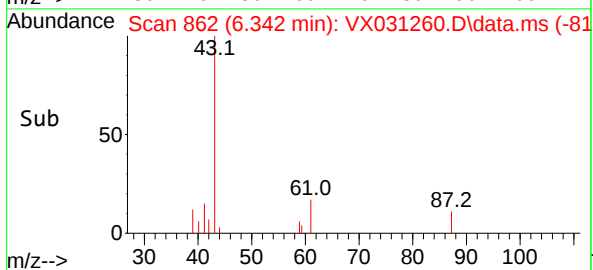
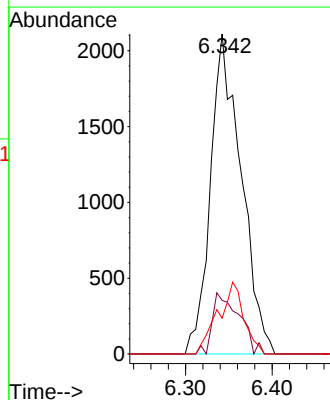
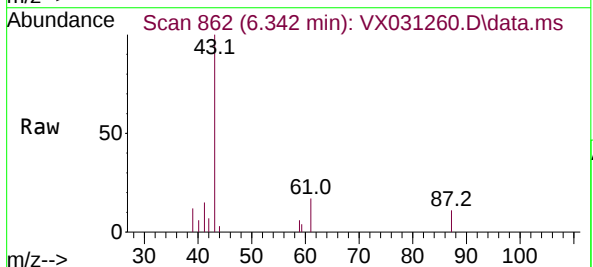


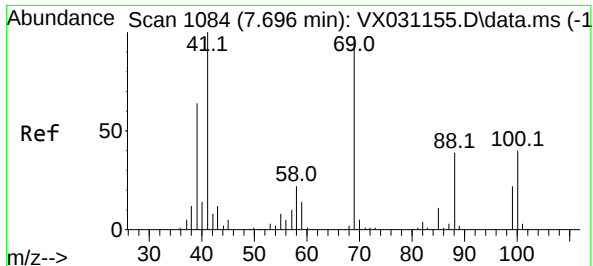
Tgt Ion:117 Resp: 6921
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#



#43
Isopropyl Acetate
Concen: 2.434 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
61 16.8 16.5 24.7
87 19.0 11.1 16.7#





#48

Methyl methacrylate

Concen: 0.494 ug/l

RT: 7.641 min Scan# 1084

Delta R.T. -0.055 min

Lab File: VX031260.D

Acq: 09 Sep 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

ETGI-345

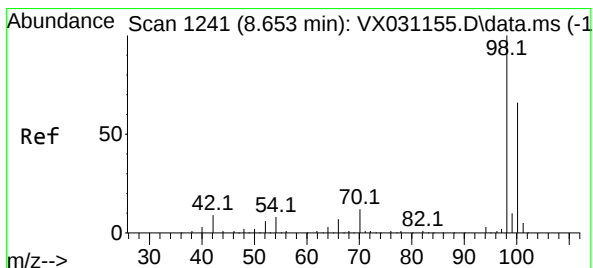
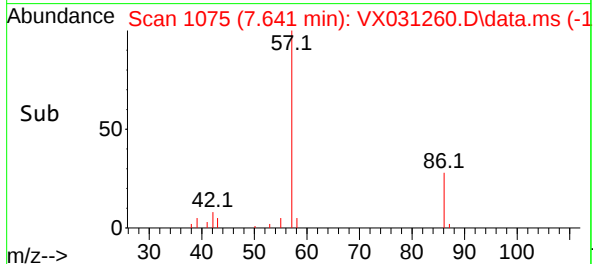
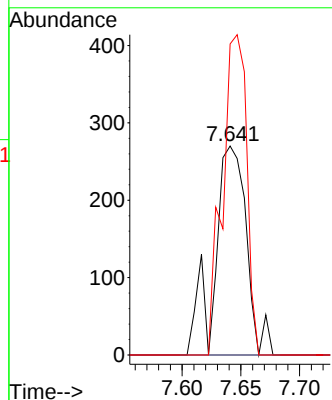
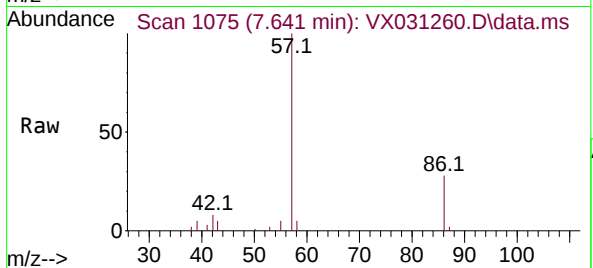
Tgt Ion: 41 Resp: 512

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 115.8 44.6 66.8#



#50

Toluene-d8

Concen: 43.181 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031260.D

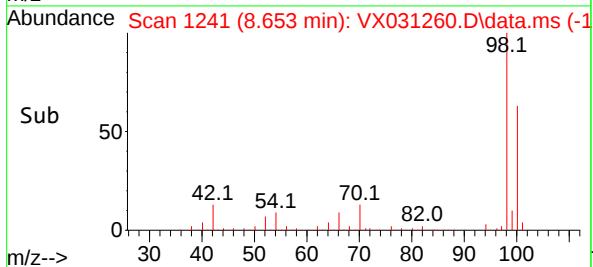
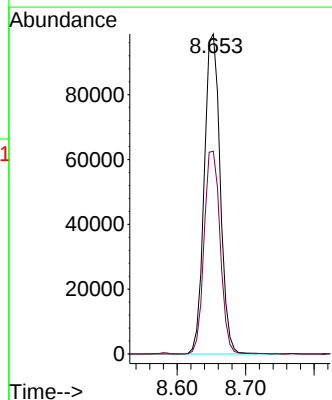
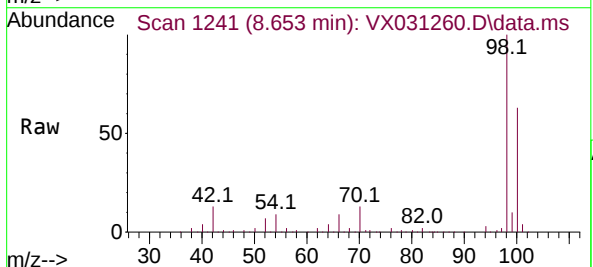
Acq: 09 Sep 2022 16:31

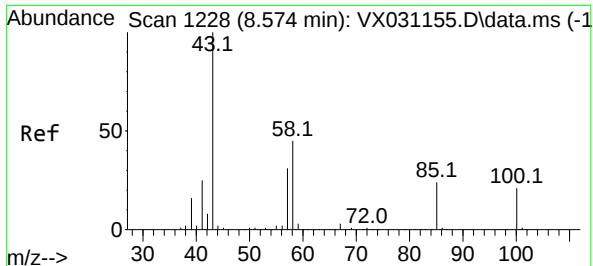
Tgt Ion: 98 Resp: 159550

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5

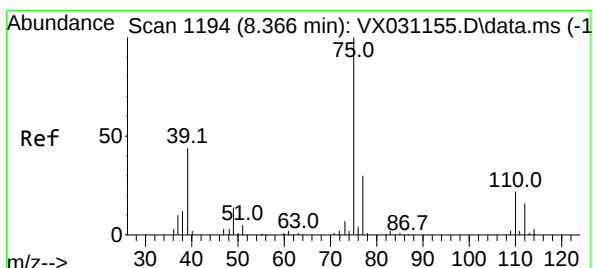
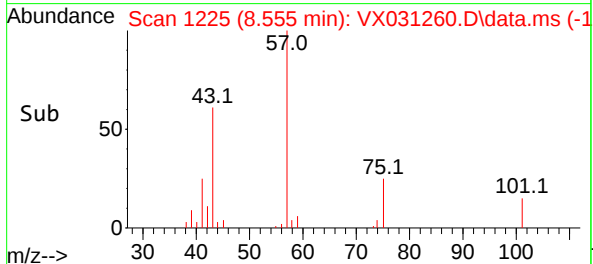
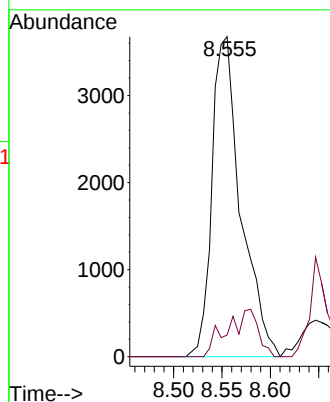
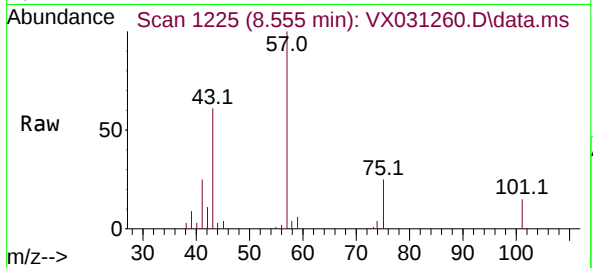




#51
4-Methyl-2-Pentanone
Concen: 5.845 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

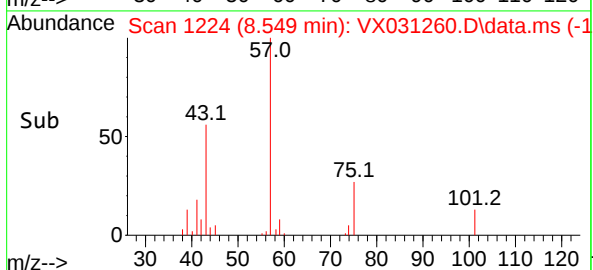
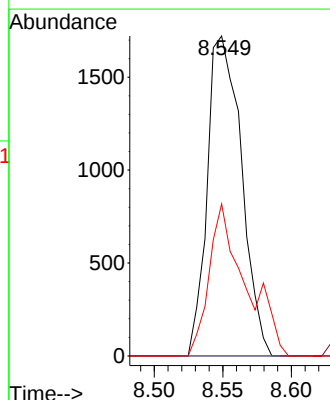
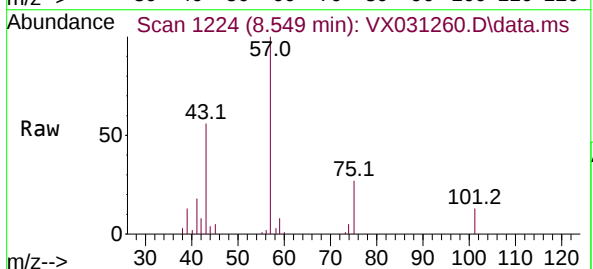
Instrument :
MSVOA_X
ClientSampleId :
ETGI-345

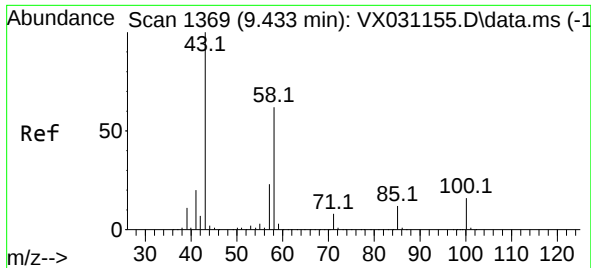
Tgt Ion: 43 Resp: 7624
Ion Ratio Lower Upper
43 100
58 0.0 31.4 47.2#



#54
cis-1,3-Dichloropropene
Concen: 1.698 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

Tgt Ion: 75 Resp: 2978
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 47.5 37.5 56.3





#59

2-Hexanone

Concen: 20.058 ug/l

RT: 9.378 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX031260.D

Acq: 09 Sep 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

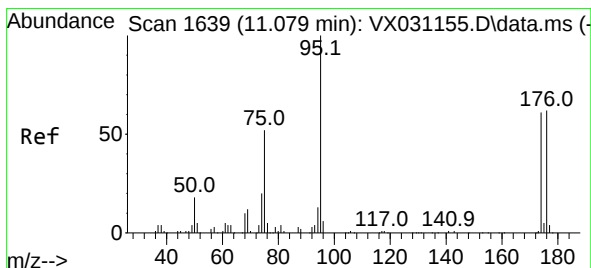
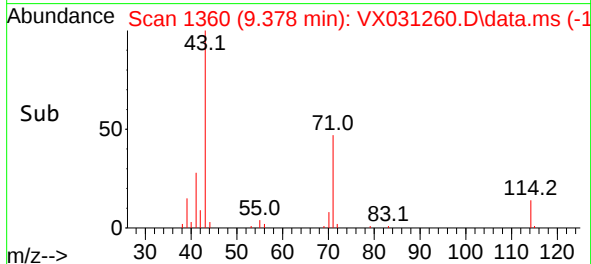
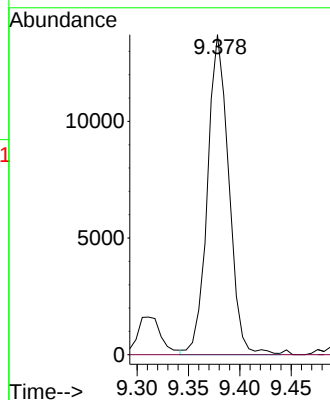
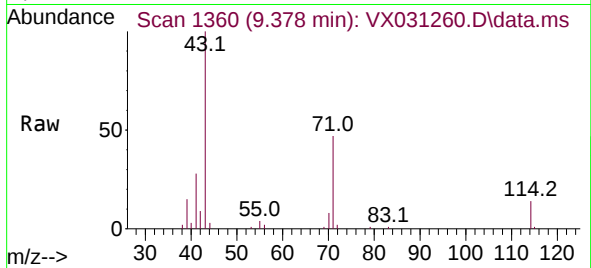
ETGI-345

Tgt Ion: 43 Resp: 19786

Ion Ratio Lower Upper

43 100

58 0.0 27.6 82.8#



#62

4-Bromofluorobenzene

Concen: 47.380 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031260.D

Acq: 09 Sep 2022 16:31

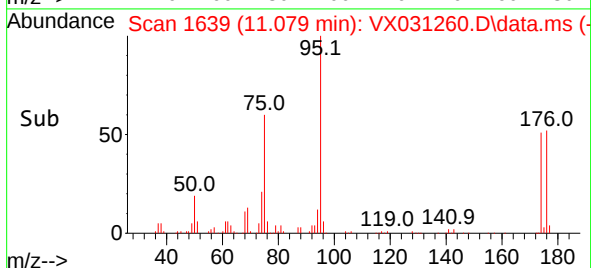
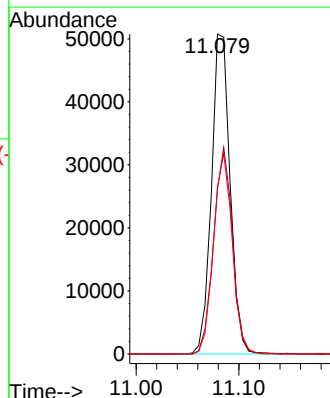
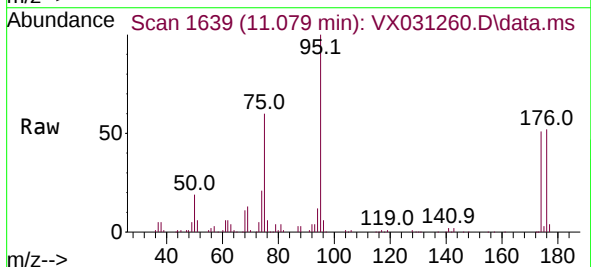
Tgt Ion: 95 Resp: 64156

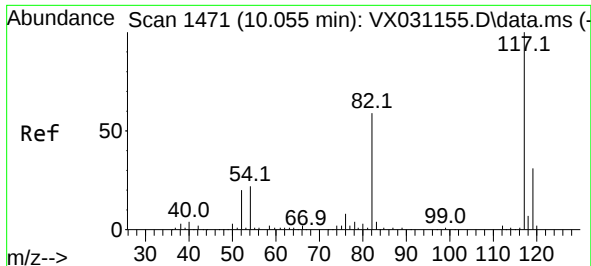
Ion Ratio Lower Upper

95 100

174 65.2 0.0 149.0

176 62.7 0.0 146.0

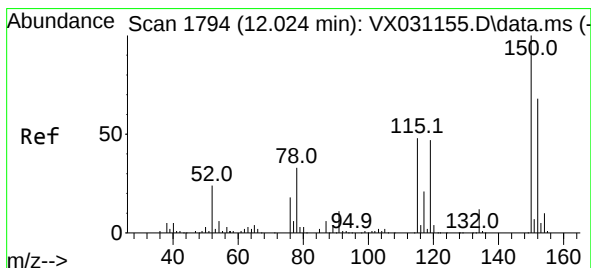
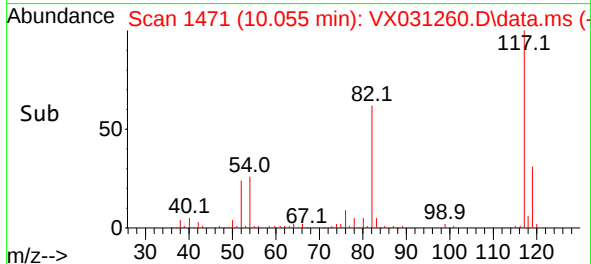
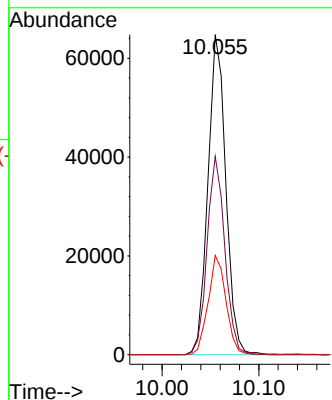
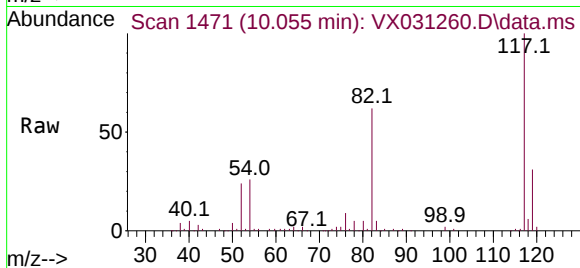




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

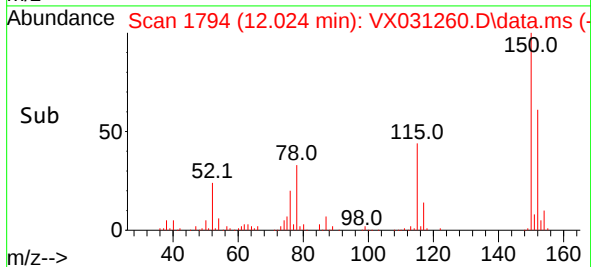
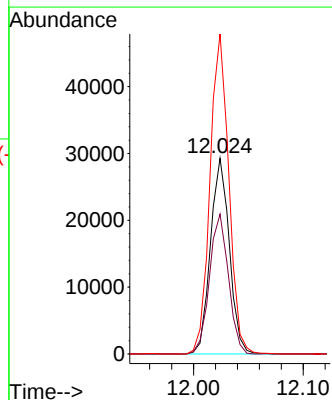
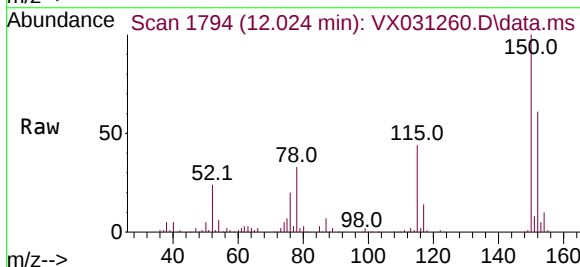
Instrument :
MSVOA_X
ClientSampleId :
ETGI-345

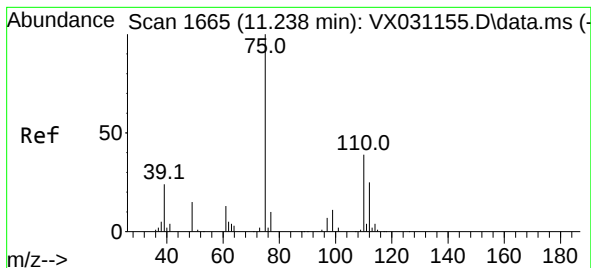
Tgt Ion:117 Resp: 83396
Ion Ratio Lower Upper
117 100
82 62.0 42.7 64.1
119 31.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031260.D
Acq: 09 Sep 2022 16:31

Tgt Ion:152 Resp: 34999
Ion Ratio Lower Upper
152 100
115 71.8 40.5 121.5
150 162.6 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 41.159 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031260.D

Acq: 09 Sep 2022 16:31

Instrument :

MSVOA_X

ClientSampleId :

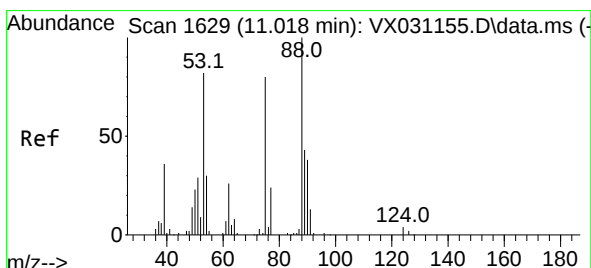
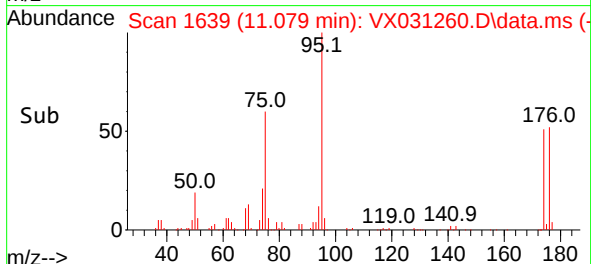
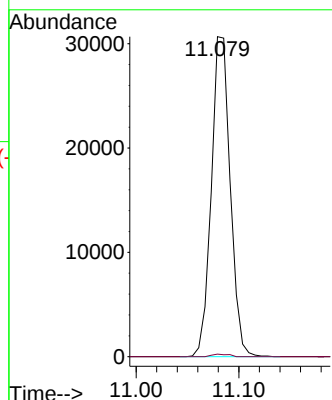
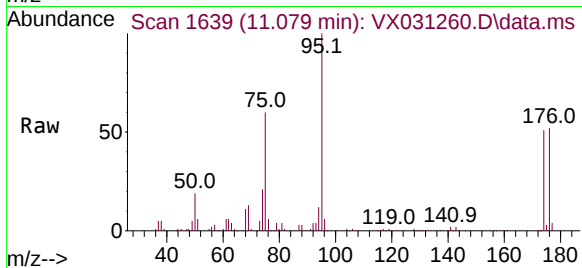
ETGI-345

Tgt Ion: 75 Resp: 39314

Ion Ratio Lower Upper

75 100

77 0.7 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.733 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031260.D

Acq: 09 Sep 2022 16:31

Tgt Ion: 75 Resp: 39314

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

