

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045927.D
 Acq On : 24 Apr 2025 15:10
 Operator : JC/MD
 Sample : Q1852-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-278

Quant Time: Apr 25 02:27:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

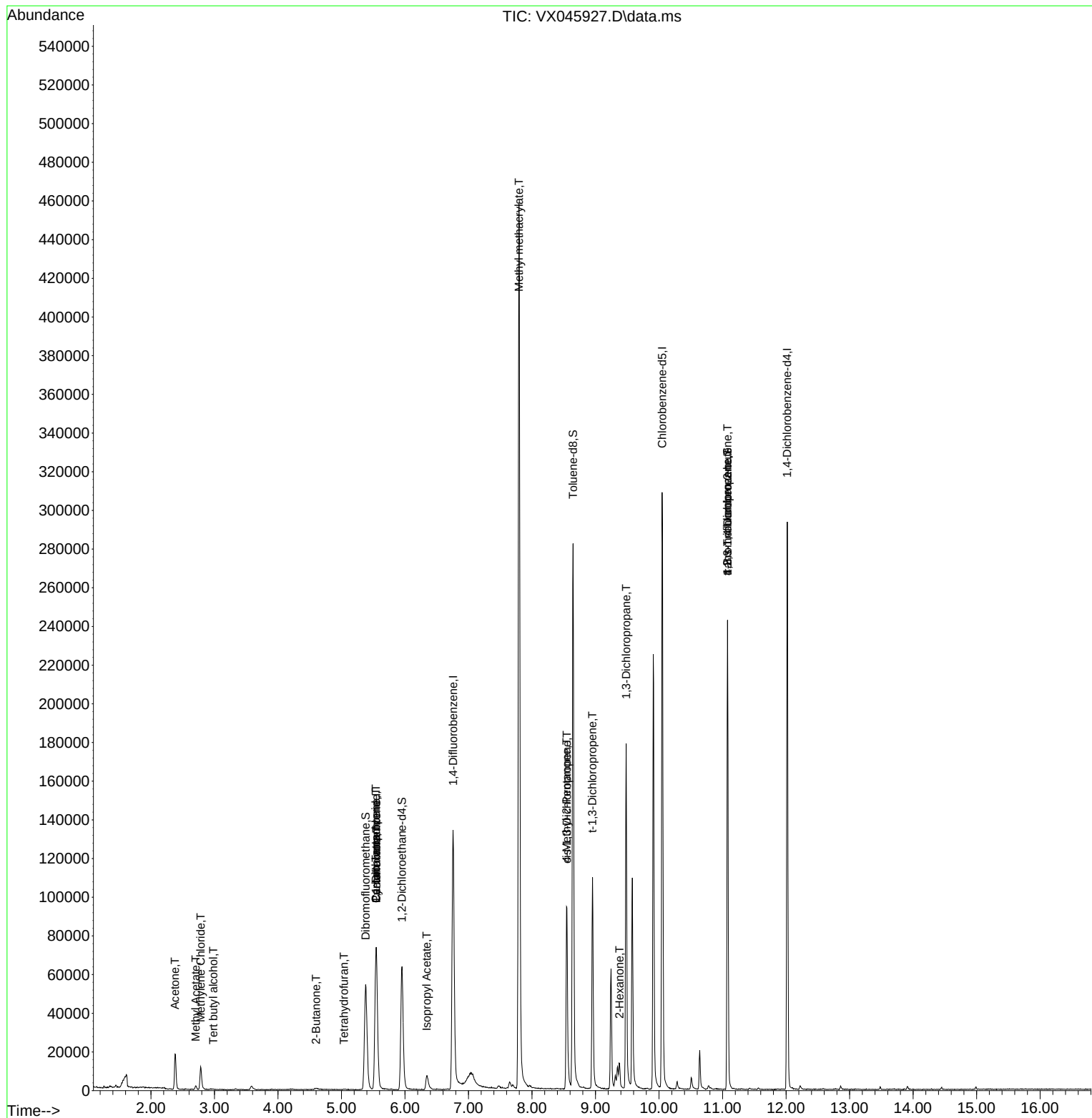
Internal Standards						
1) Pentafluorobenzene	5.550	168	62604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65467	57.183	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.360%			
35) Dibromofluoromethane	5.379	113	46084	49.875	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.740%			
50) Toluene-d8	8.647	98	162641	50.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.079	95	63530	54.080	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.160%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	225	1.462	ug/l #	72
16) Acetone	2.380	43	20582	43.781	ug/l	95
18) Methyl Acetate	2.703	43	2618	2.419	ug/l #	87
20) Methylene Chloride	2.782	84	5492	6.240	ug/l	96
25) 2-Butanone	4.599	43	1445	2.100	ug/l	99
29) Tetrahydrofuran	5.038	42	158	0.354	ug/l #	35
31) Cyclohexane	5.550	56	1842	1.312	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	6085	4.877	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7530	5.585	ug/l #	15
43) Isopropyl Acetate	6.342	43	11409	4.788	ug/l	99
48) Methyl methacrylate	7.793	41	46282	37.618	ug/l #	49
51) 4-Methyl-2-Pentanone	8.543	43	38763	24.539	ug/l #	52
53) t-1,3-Dichloropropene	8.952	75	164	2.401	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14468	10.564	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	1284	0.803	ug/l #	42
59) 2-Hexanone	9.378	43	11812	10.098	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	36173	27.356	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36173	92.843	ug/l #	1

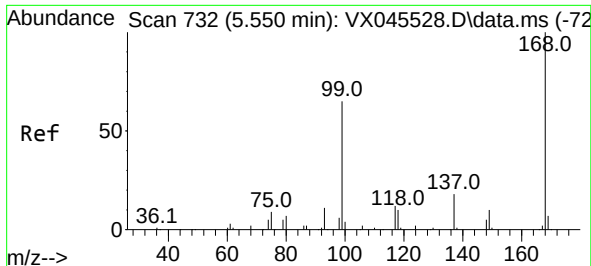
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX045927.D
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Sample : Q1852-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ETGI-278

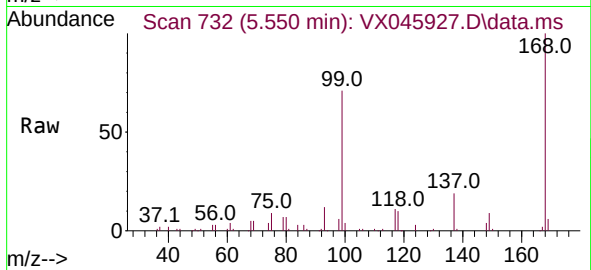
Quant Time: Apr 25 02:27:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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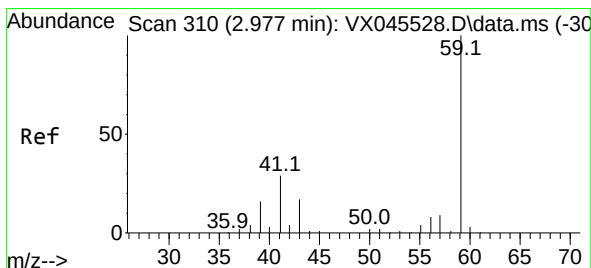
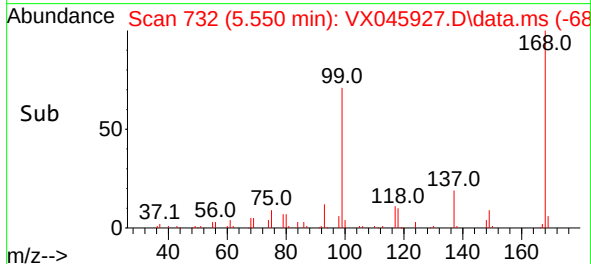
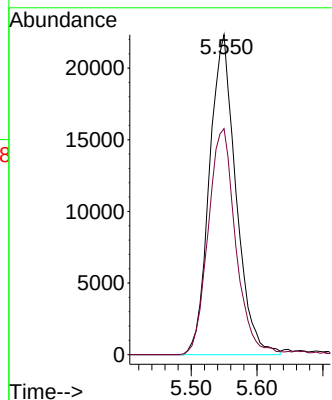


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
ETGI-278

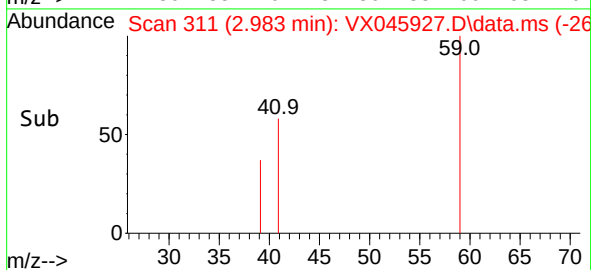
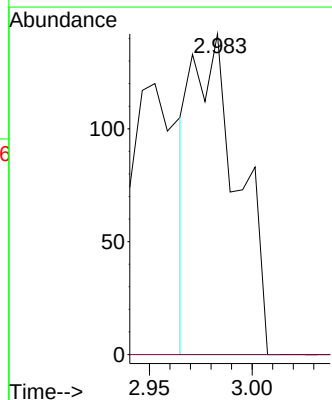
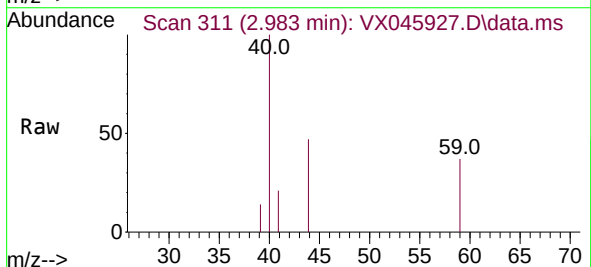


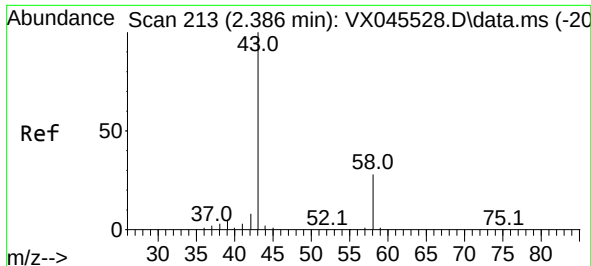
Tgt Ion:168 Resp: 62604
Ion Ratio Lower Upper
168 100
99 70.7 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.462 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

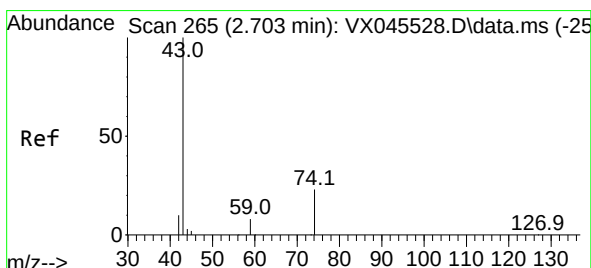
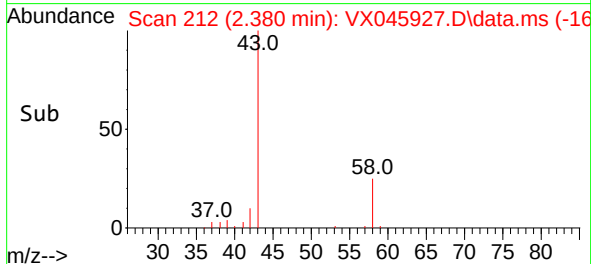
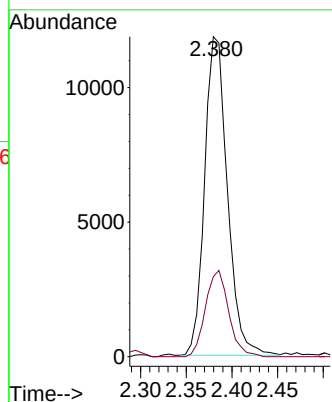
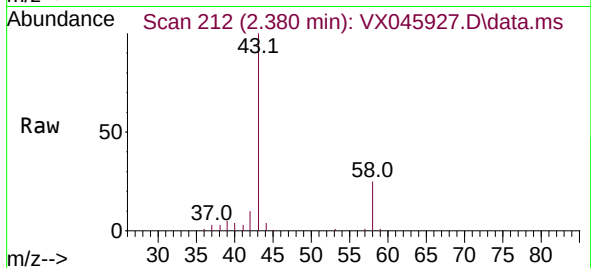




#16
Acetone
Concen: 43.781 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

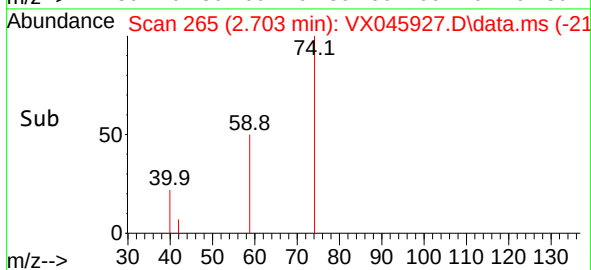
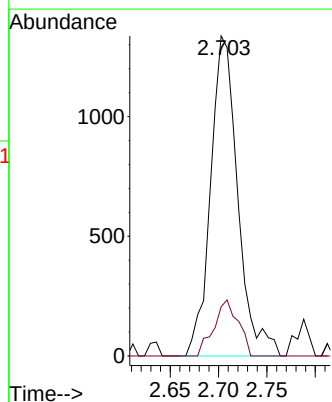
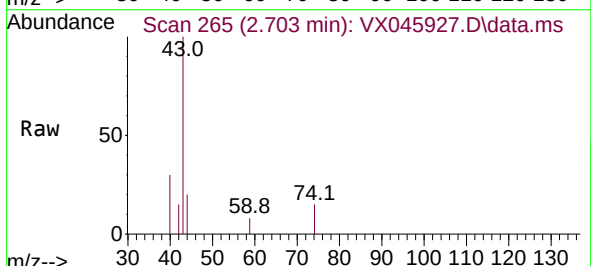
Instrument :
MSVOA_X
ClientSampleId :
ETGI-278

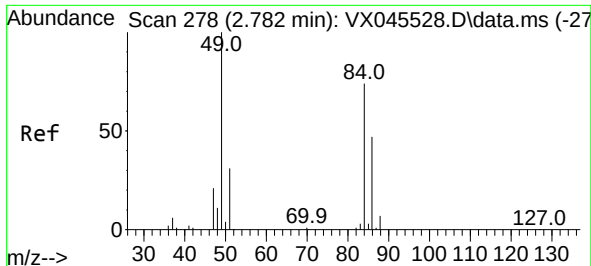
Tgt Ion: 43 Resp: 20582
Ion Ratio Lower Upper
43 100
58 25.1 22.3 33.5



#18
Methyl Acetate
Concen: 2.419 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

Tgt Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
74 15.6 17.5 26.3#





#20

Methylene Chloride

Concen: 6.240 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045927.D

Acq: 24 Apr 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

ETGI-278

Tgt Ion: 84 Resp: 5492

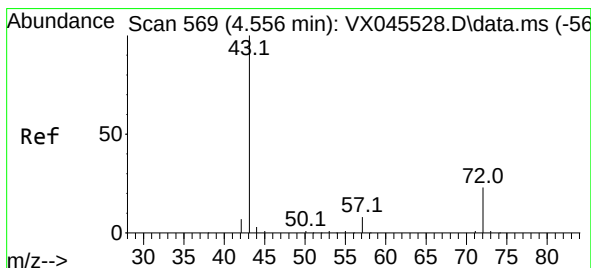
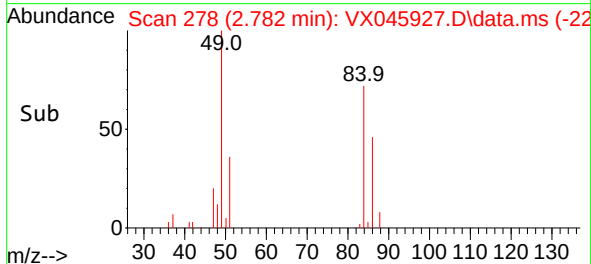
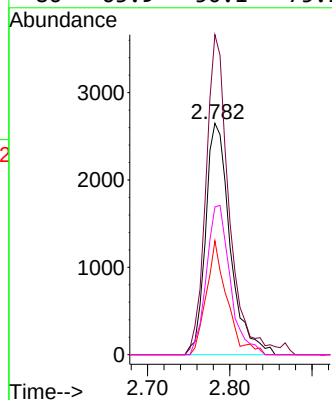
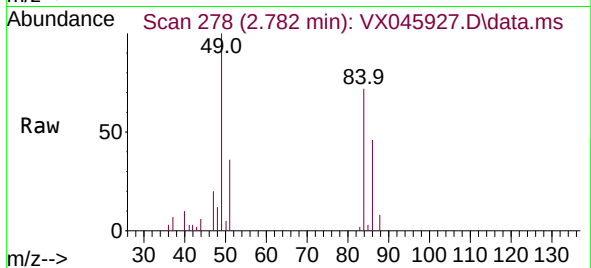
Ion Ratio Lower Upper

84 100

49 138.3 107.5 161.3

51 49.2 33.0 49.6

86 63.9 50.1 75.1



#25

2-Butanone

Concen: 2.100 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.043 min

Lab File: VX045927.D

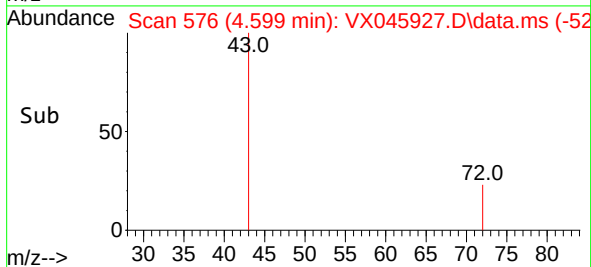
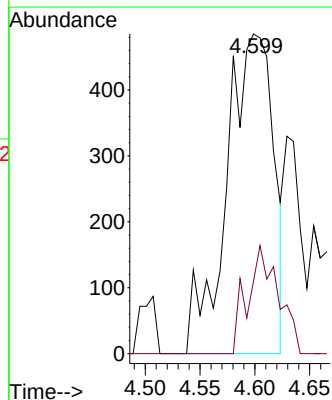
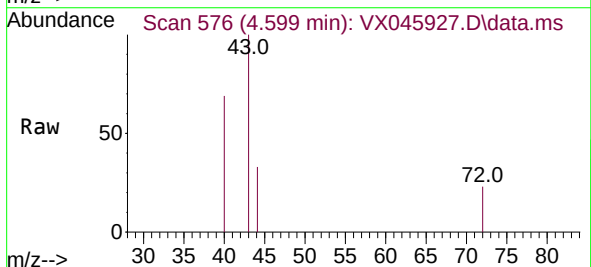
Acq: 24 Apr 2025 15:10

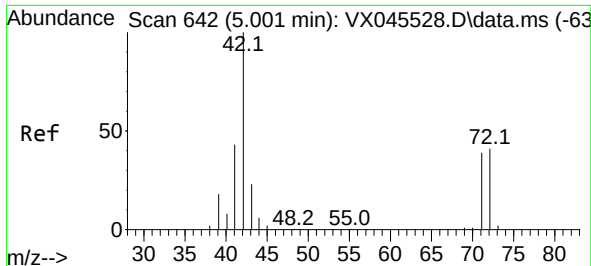
Tgt Ion: 43 Resp: 1445

Ion Ratio Lower Upper

43 100

72 22.7 18.6 28.0





#29

Tetrahydrofuran

Concen: 0.354 ug/l

RT: 5.038 min Scan# 642

Delta R.T. 0.037 min

Lab File: VX045927.D

Acq: 24 Apr 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

ETGI-278

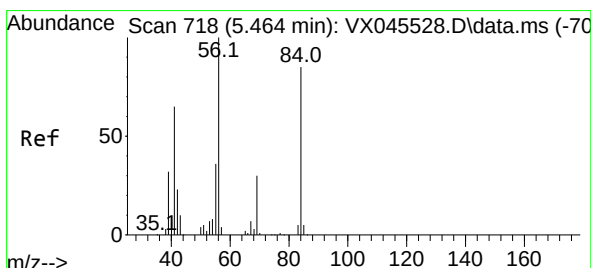
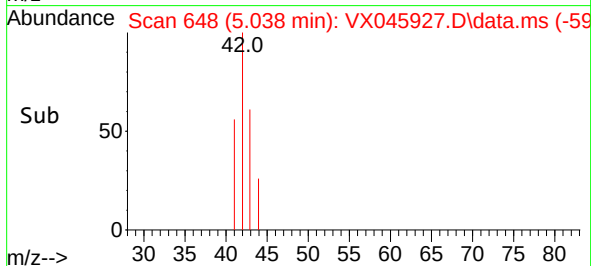
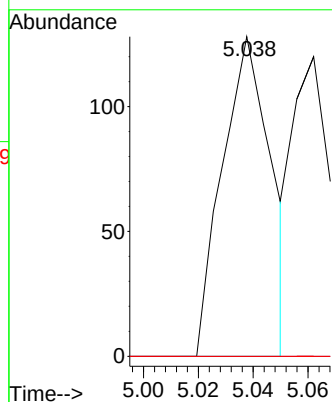
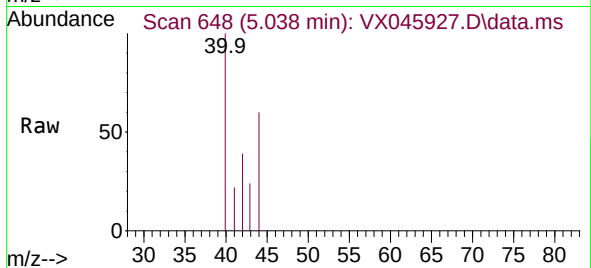
Tgt Ion: 42 Resp: 158

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

71 0.0 31.4 47.0#



#31

Cyclohexane

Concen: 1.312 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045927.D

Acq: 24 Apr 2025 15:10

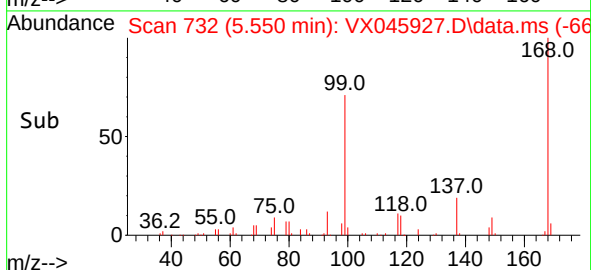
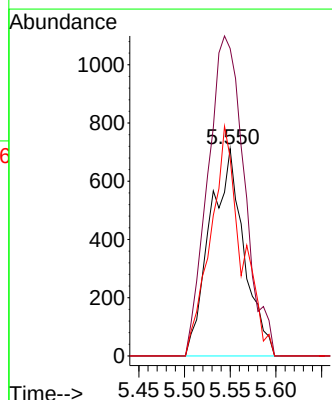
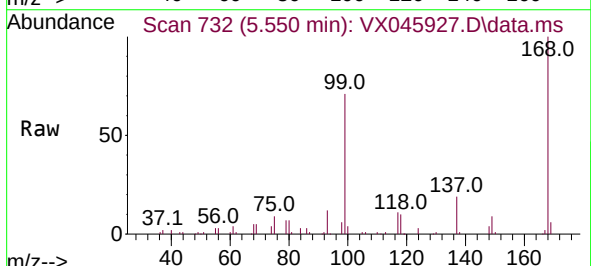
Tgt Ion: 56 Resp: 1842

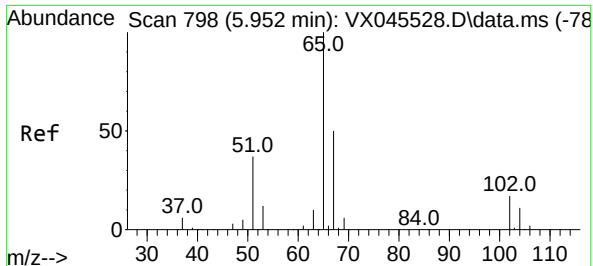
Ion Ratio Lower Upper

56 100

69 148.3 23.6 35.4#

84 95.8 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 57.183 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045927.D

Acq: 24 Apr 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

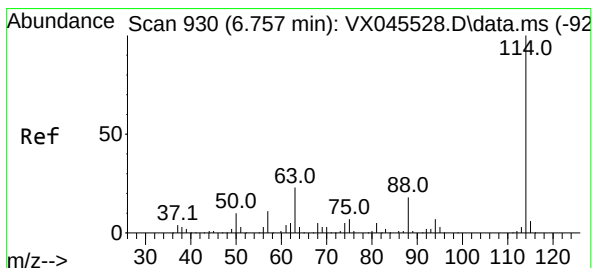
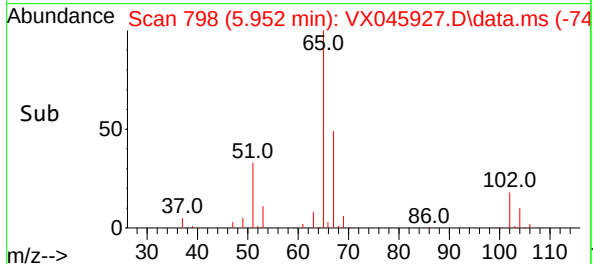
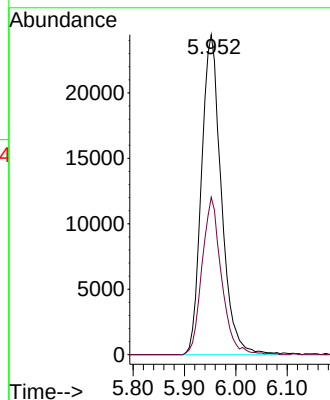
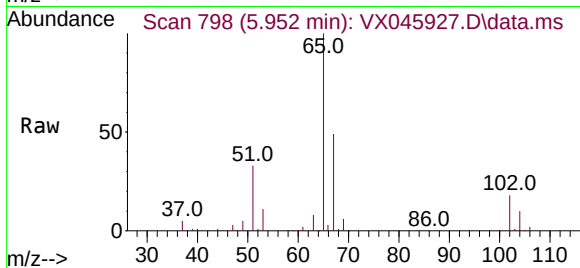
ETGI-278

Tgt Ion: 65 Resp: 65467

Ion Ratio Lower Upper

65 100

67 48.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045927.D

Acq: 24 Apr 2025 15:10

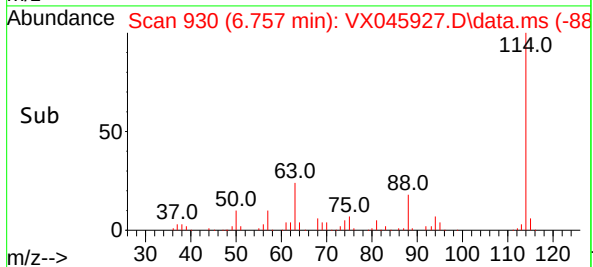
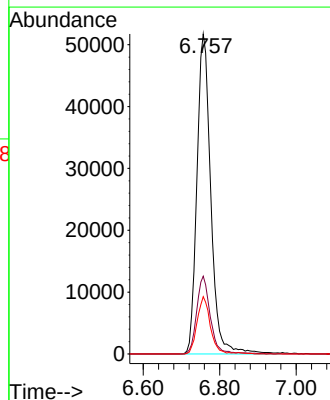
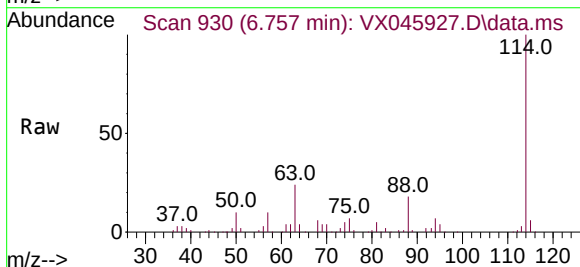
Tgt Ion: 114 Resp: 130232

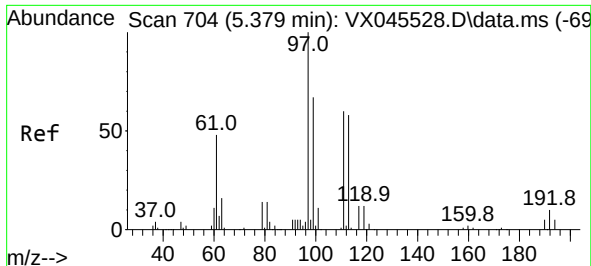
Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

88 17.9 0.0 35.4

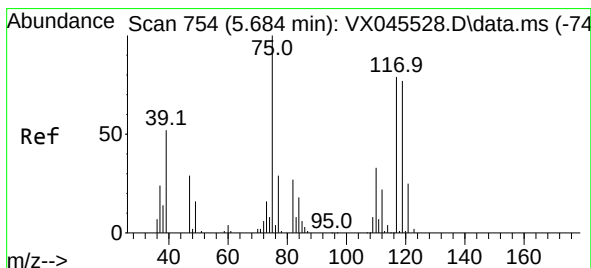
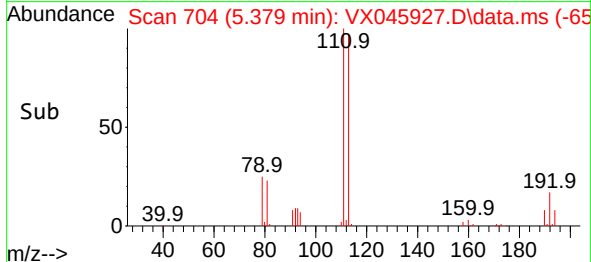
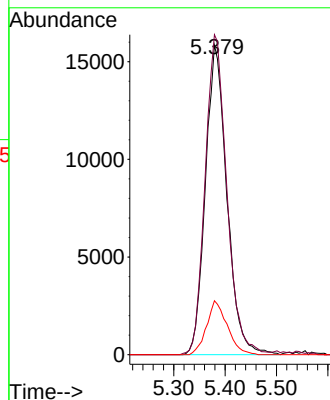
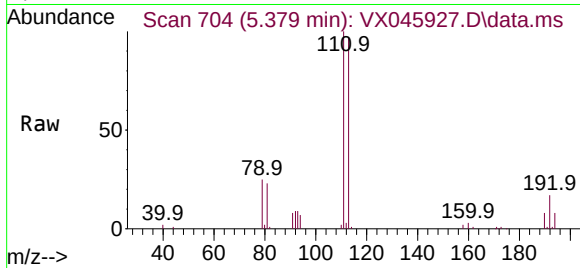




#35
Dibromofluoromethane
Concen: 49.875 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

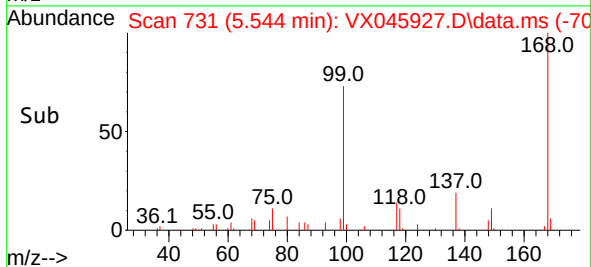
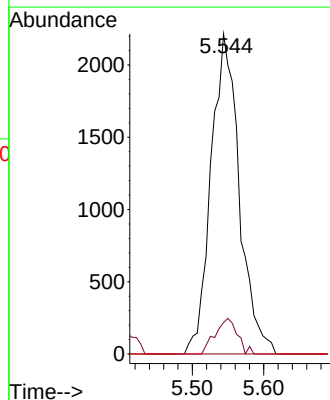
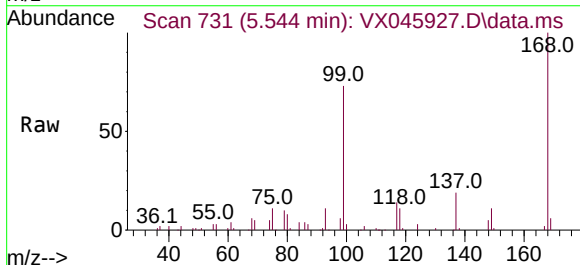
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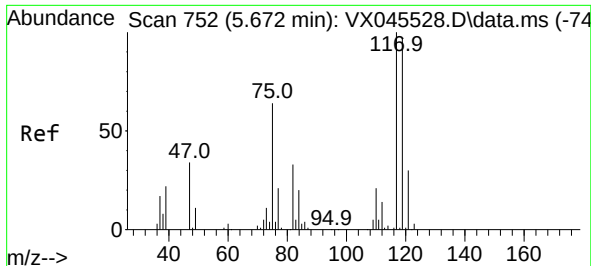
Tgt Ion:113 Resp: 46084
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 16.8 13.8 20.6



#36
1,1-Dichloropropene
Concen: 4.877 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

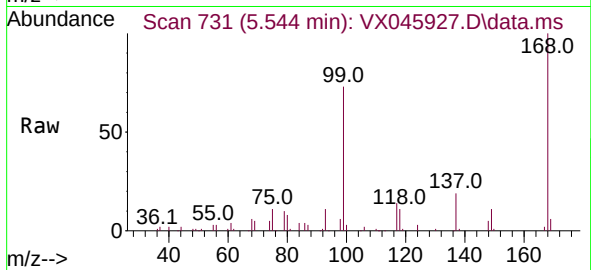
Tgt Ion: 75 Resp: 6085
Ion Ratio Lower Upper
75 100
110 8.7 16.9 50.6#
77 0.0 25.0 37.4#



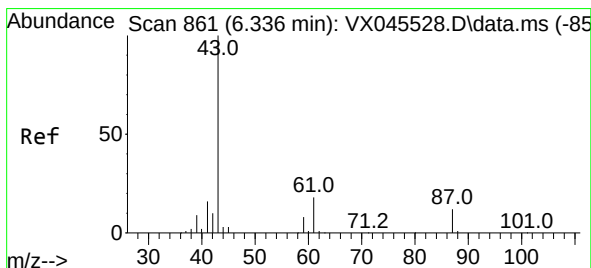
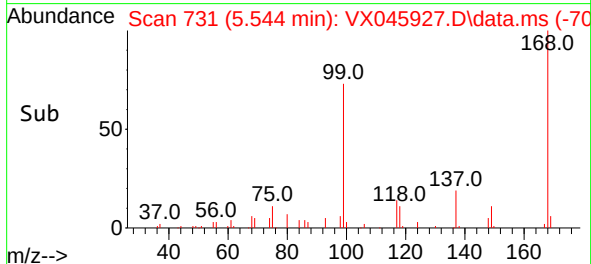
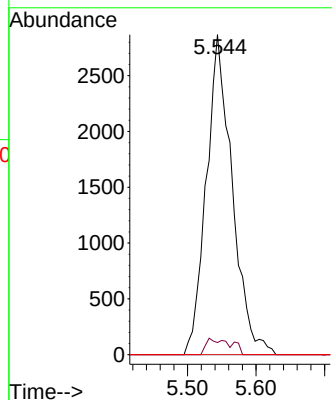


#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
ETGI-278

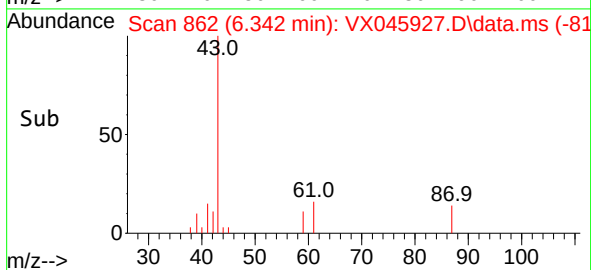
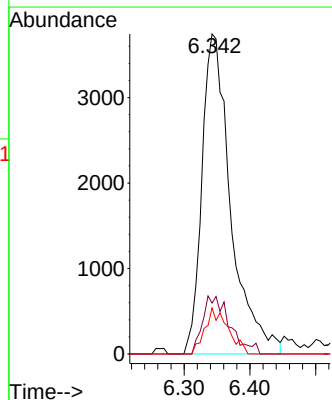
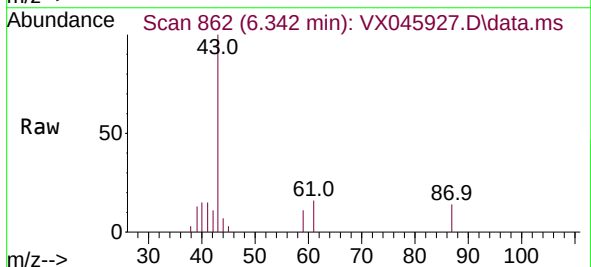


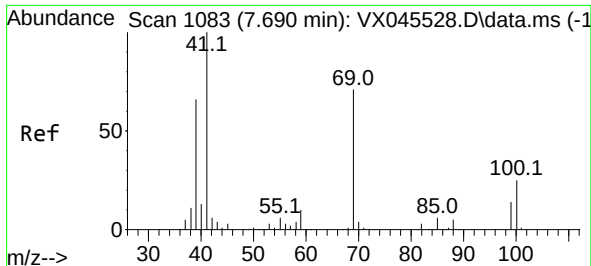
Tgt Ion:117 Resp: 7530
Ion Ratio Lower Upper
117 100
119 3.8 76.9 115.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 4.788 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

Tgt Ion: 43 Resp: 11409
Ion Ratio Lower Upper
43 100
61 17.1 14.1 21.1
87 11.4 9.2 13.8





#48

Methyl methacrylate

Concen: 37.618 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX045927.D

Acq: 24 Apr 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

ETGI-278

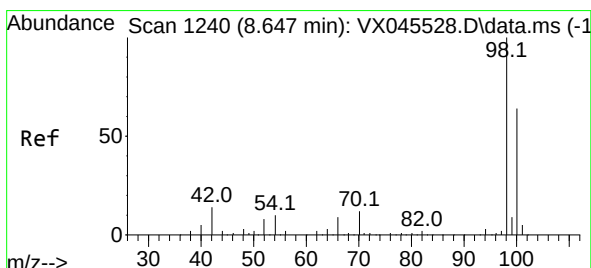
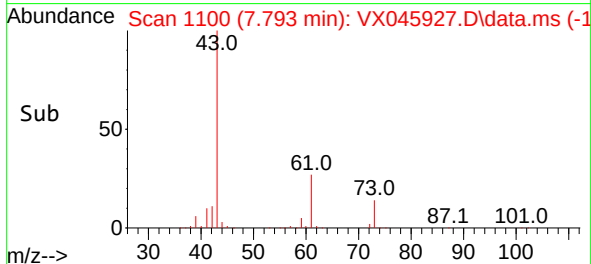
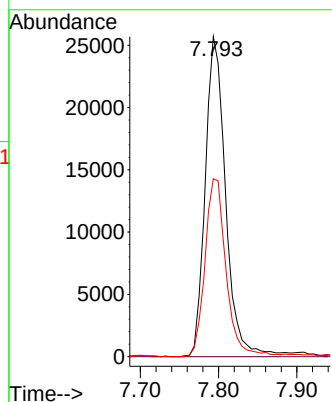
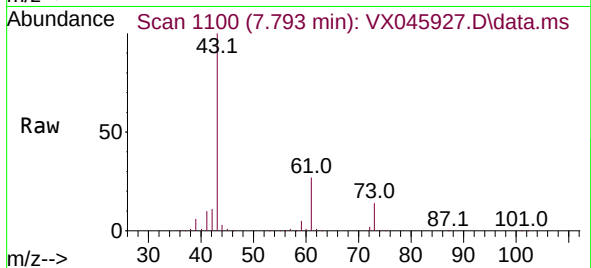
Tgt Ion: 41 Resp: 46282

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 57.6 53.6 80.4



#50

Toluene-d8

Concen: 50.430 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045927.D

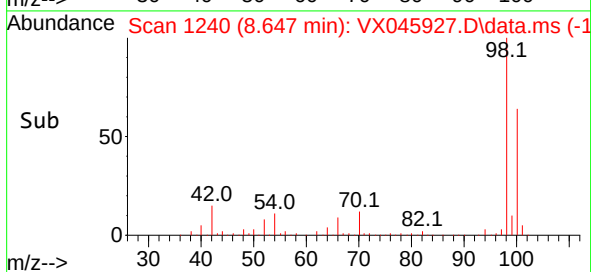
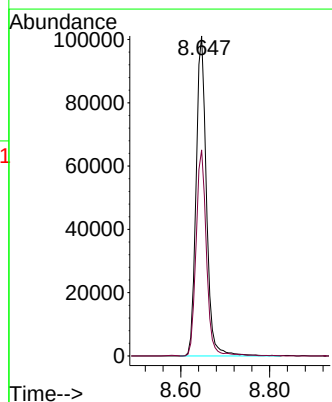
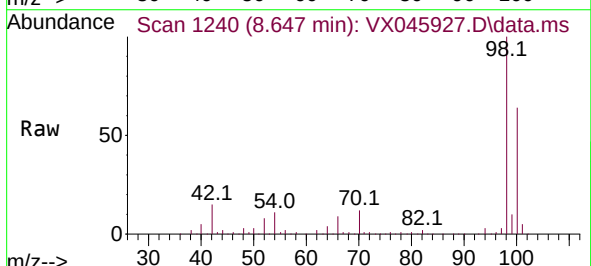
Acq: 24 Apr 2025 15:10

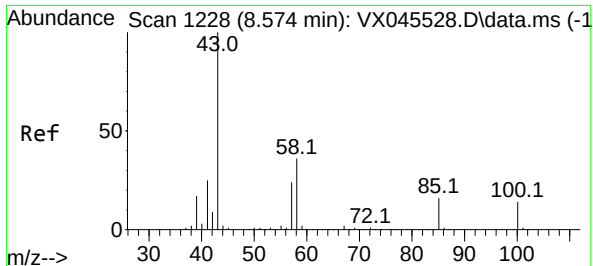
Tgt Ion: 98 Resp: 162641

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4

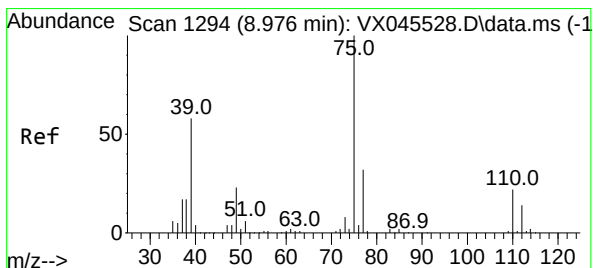
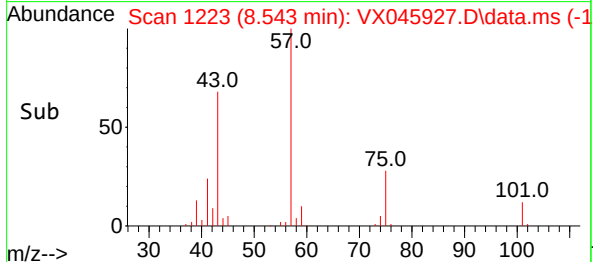
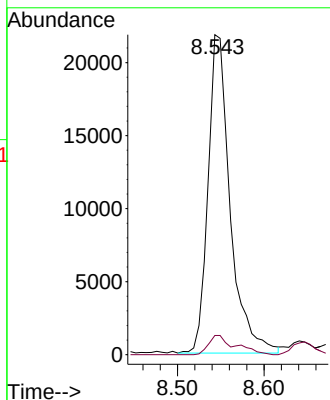
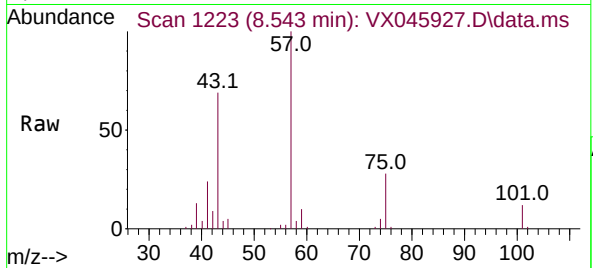




#51
4-Methyl-2-Pentanone
Concen: 24.539 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

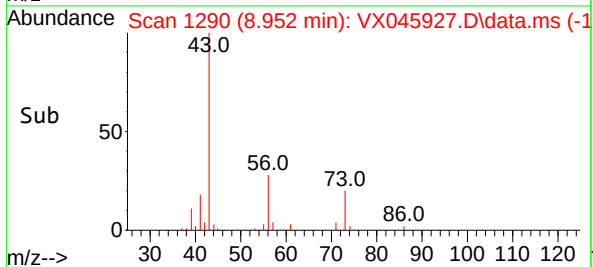
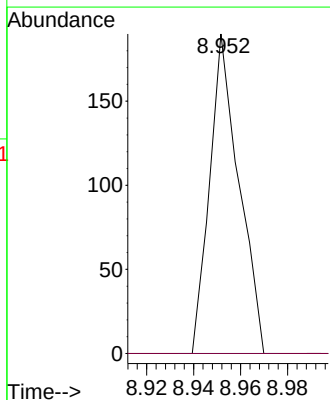
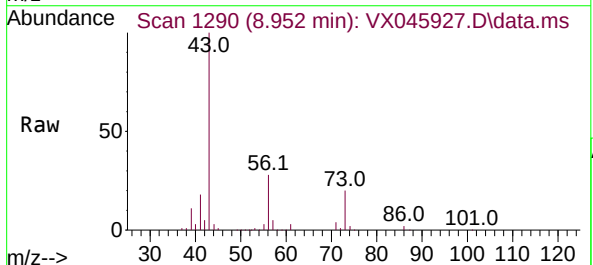
Instrument :
MSVOA_X
ClientSampleId :
ETGI-278

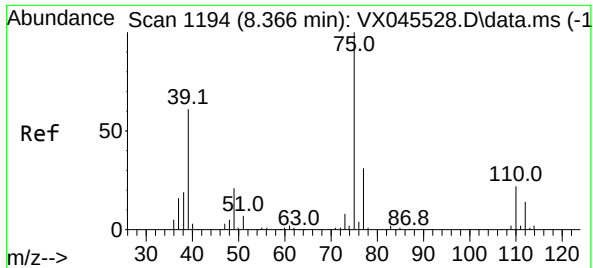
Tgt Ion: 43 Resp: 38763
Ion Ratio Lower Upper
43 100
58 7.3 28.5 42.7#



#53
t-1,3-Dichloropropene
Concen: 2.401 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

Tgt Ion: 75 Resp: 164
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

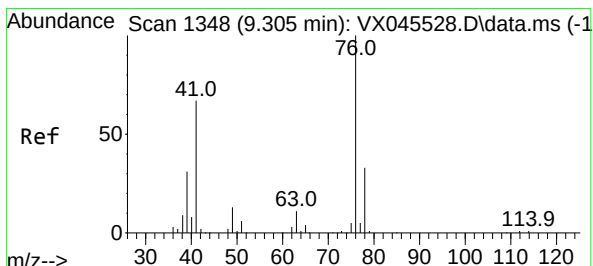
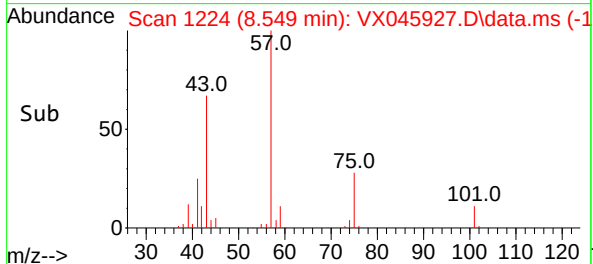
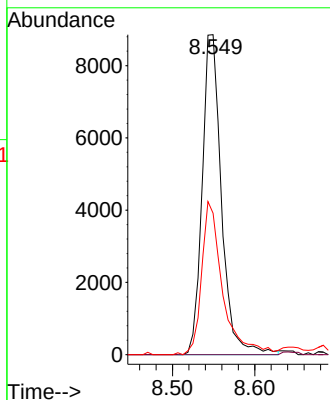
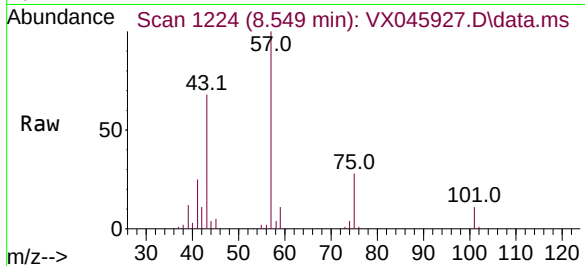




#54
 cis-1,3-Dichloropropene
 Concen: 10.564 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045927.D
 Acq: 24 Apr 2025 15:10

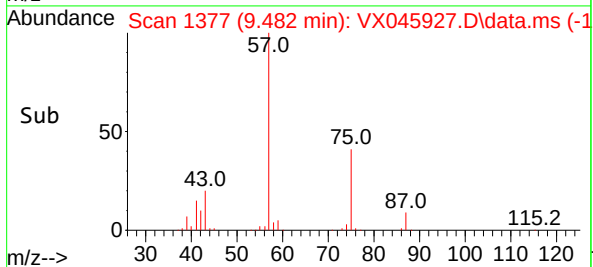
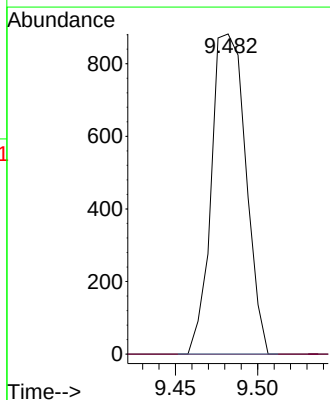
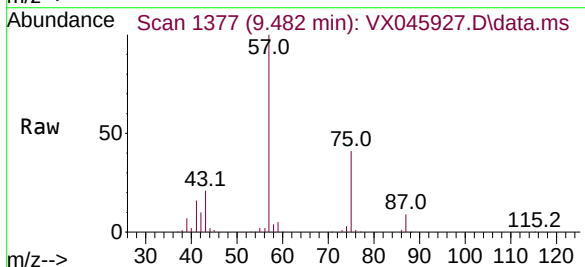
Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-278

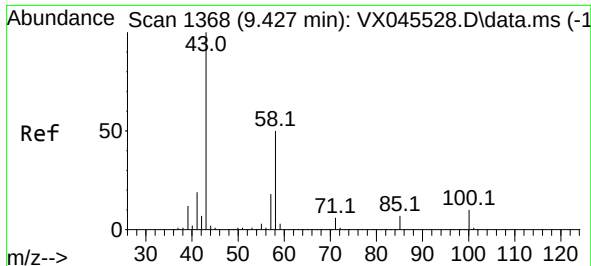
Tgt Ion: 75 Resp: 14468
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 43.6 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.803 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045927.D
 Acq: 24 Apr 2025 15:10

Tgt Ion: 76 Resp: 1284
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

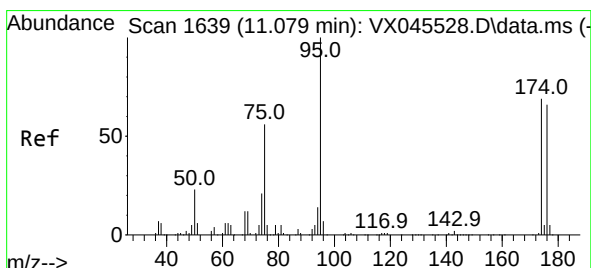
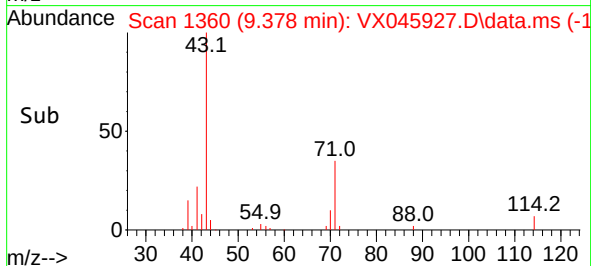
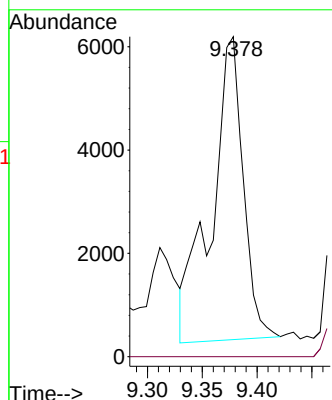
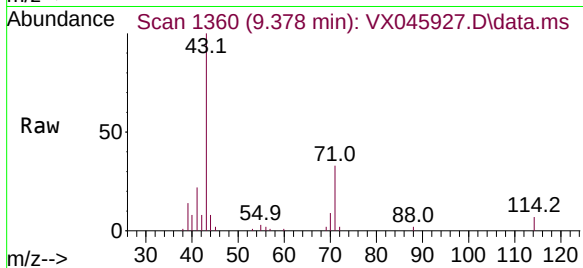




#59
2-Hexanone
Concen: 10.098 ug/l
RT: 9.378 min Scan# 111
Delta R.T. -0.049 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

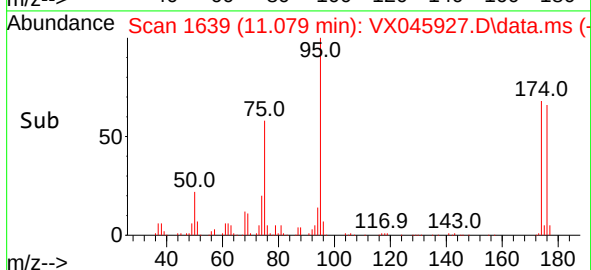
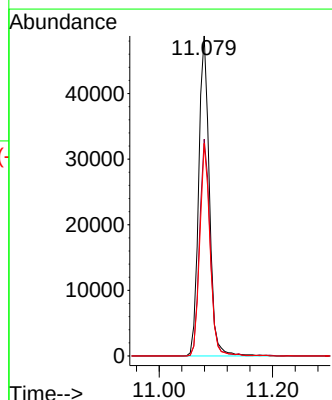
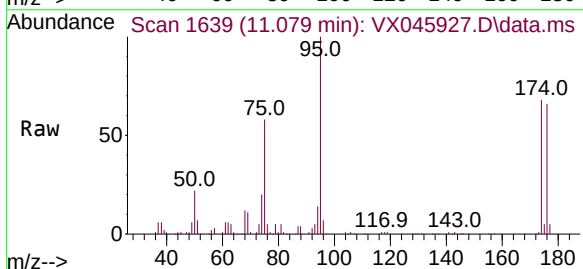
Instrument :
MSVOA_X
ClientSampleId :
ETGI-278

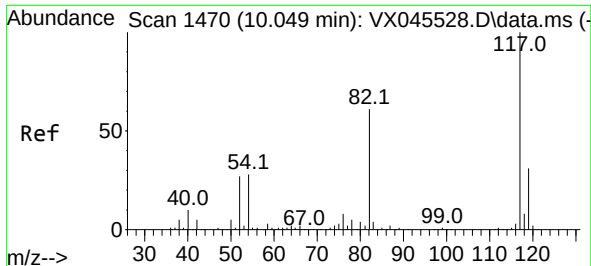
Tgt Ion: 43 Resp: 11812
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 54.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

Tgt Ion: 95 Resp: 63530
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 63.8 0.0 131.4

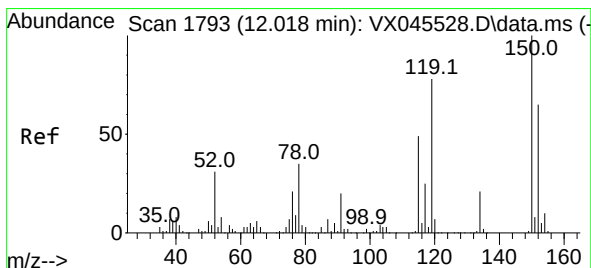
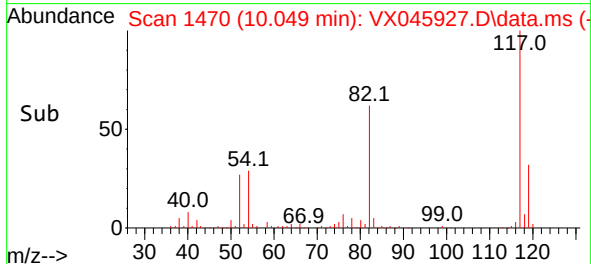
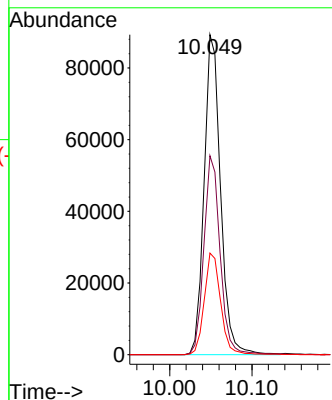
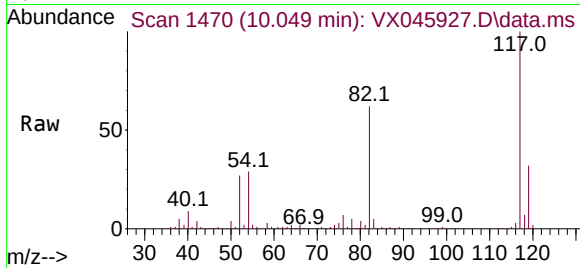




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

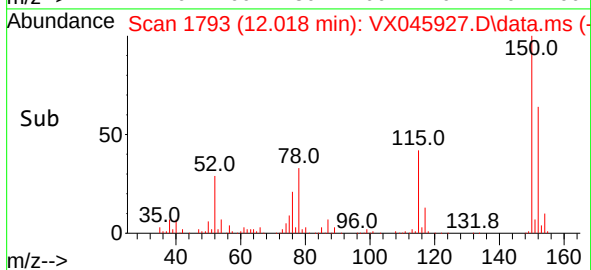
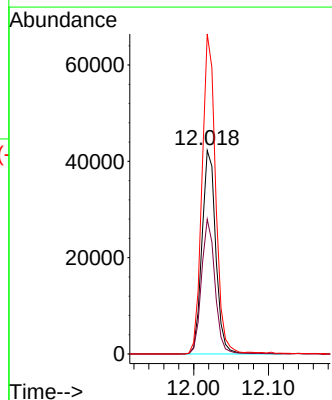
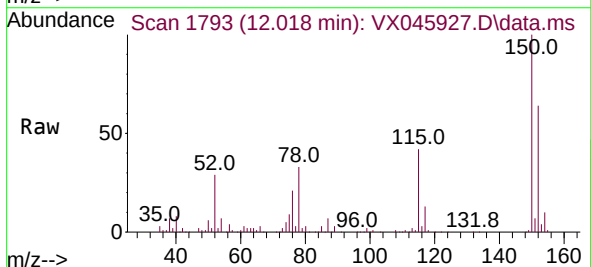
Instrument :
MSVOA_X
ClientSampleId :
ETGI-278

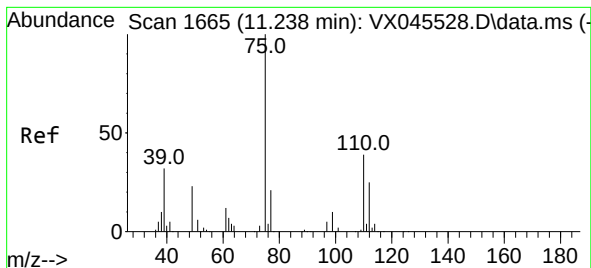
Tgt Ion:117 Resp: 124407
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045927.D
Acq: 24 Apr 2025 15:10

Tgt Ion:152 Resp: 54210
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 155.8 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 27.356 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045927.D

Acq: 24 Apr 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

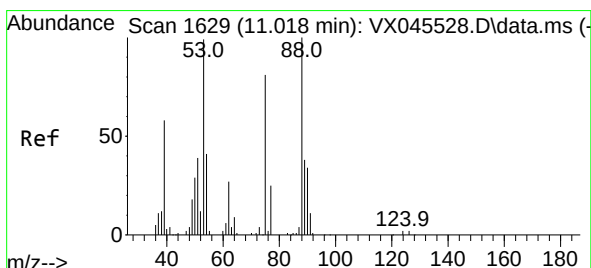
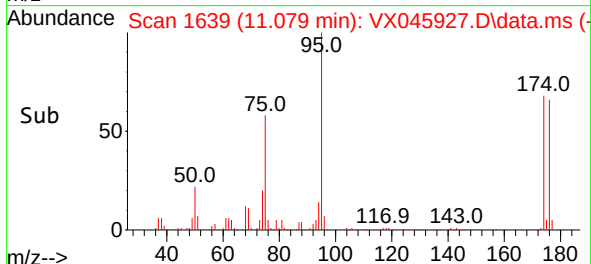
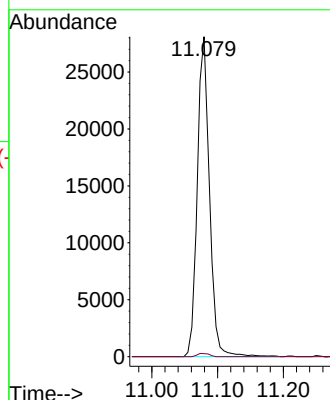
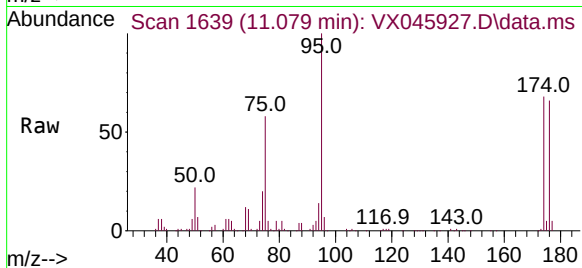
ETGI-278

Tgt Ion: 75 Resp: 36173

Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.843 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045927.D

Acq: 24 Apr 2025 15:10

Tgt Ion: 75 Resp: 36173

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.1 37.2 55.8#

