

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045925.D
 Acq On : 24 Apr 2025 14:23
 Operator : JC/MD
 Sample : Q1852-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-354

Quant Time: Apr 25 02:27:14 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)

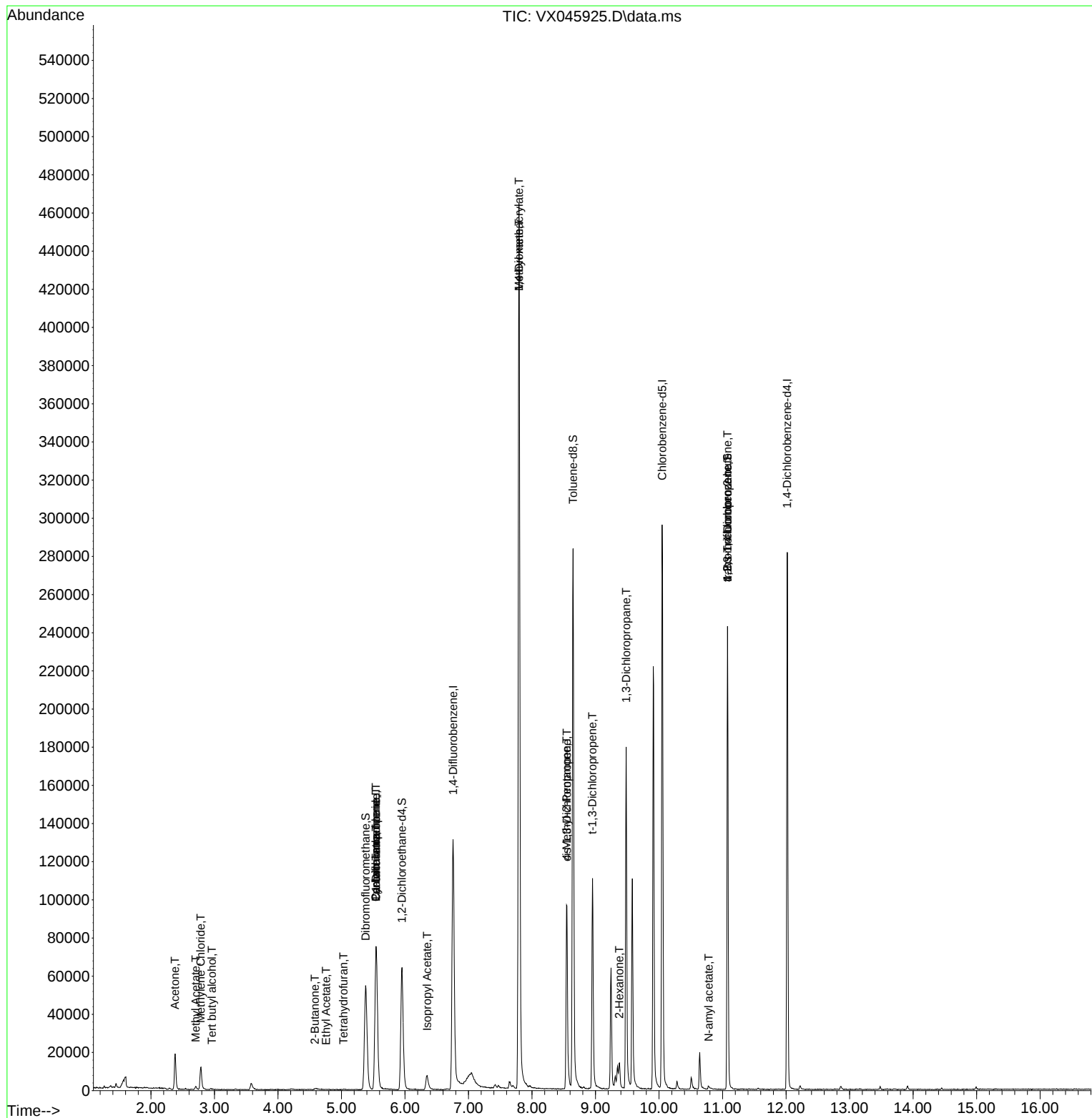
Internal Standards						
1) Pentafluorobenzene	5.544	168	64343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64869	55.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.260%	
35) Dibromofluoromethane	5.379	113	46691	51.732	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.647	98	161809	51.364	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	11.079	95	61794	53.852	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	200	1.265	ug/l #	72
16) Acetone	2.380	43	20595	42.625	ug/l	98
18) Methyl Acetate	2.703	43	2187	1.966	ug/l	98
20) Methylene Chloride	2.782	84	5823	6.437	ug/l #	88
25) 2-Butanone	4.580	43	870	1.230	ug/l #	75
29) Tetrahydrofuran	5.032	42	202	0.441	ug/l #	35
31) Cyclohexane	5.544	56	1905	1.320	ug/l #	36
36) 1,1-Dichloropropene	5.544	75	6476	5.314	ug/l #	50
37) Ethyl Acetate	4.757	43	323	0.210	ug/l #	71
38) Carbon Tetrachloride	5.544	117	7419	5.633	ug/l #	16
43) Isopropyl Acetate	6.348	43	11575	4.973	ug/l	97
48) Methyl methacrylate	7.793	41	46851	38.985	ug/l #	49
49) 1,4-Dioxane	7.793	88	19	0.874	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	38774	25.129	ug/l #	52
53) t-1,3-Dichloropropene	8.952	75	186	2.419	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14666	10.963	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	1318	0.843	ug/l #	42
59) 2-Hexanone	9.372	43	13144	11.503	ug/l #	28
74) N-amyl acetate	10.780	43	1359	0.686	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	35516	28.148	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35516	95.532	ug/l #	1

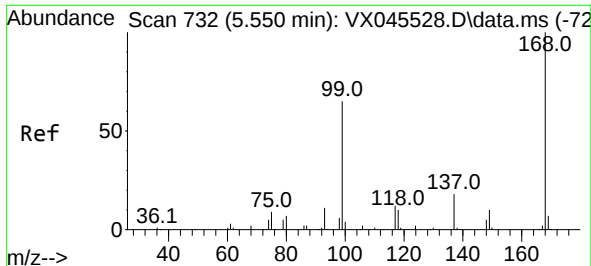
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

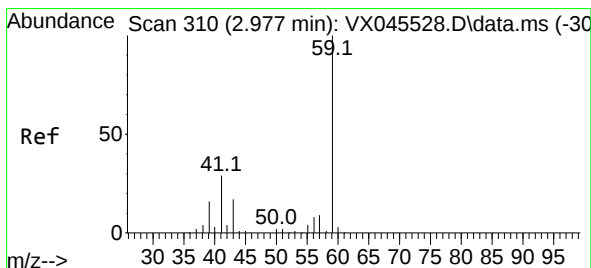
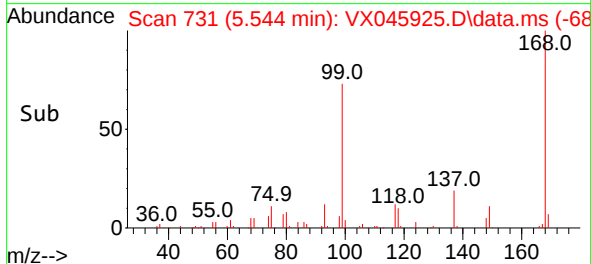
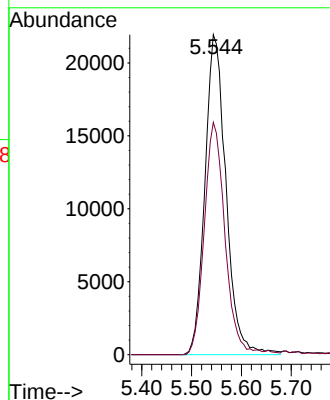
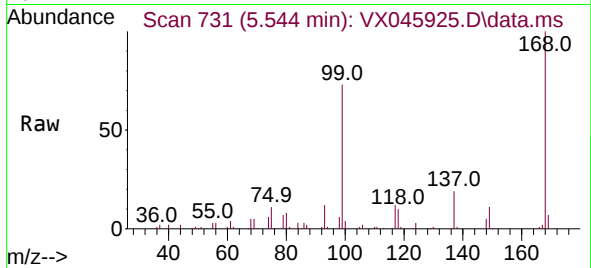




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

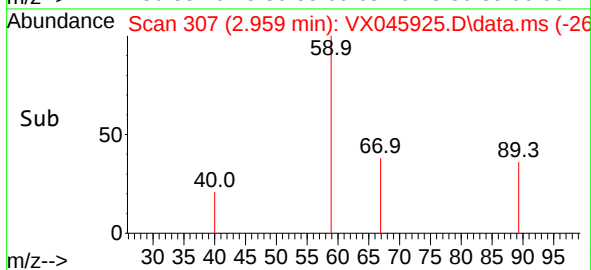
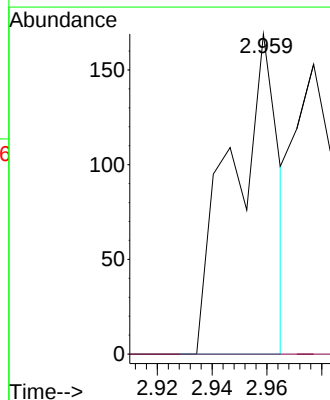
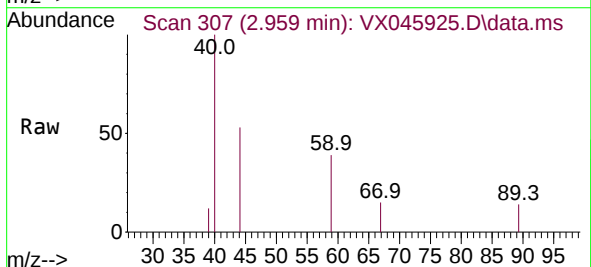
Instrument :
MSVOA_X
ClientSampleId :
ETGI-354

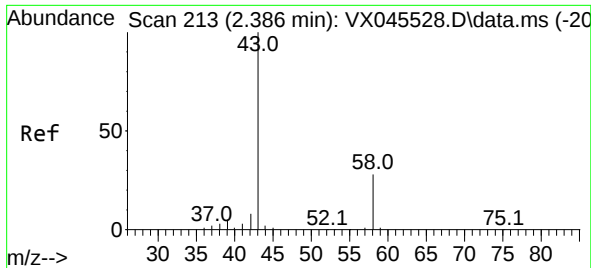
Tgt Ion:168 Resp: 64343
Ion Ratio Lower Upper
168 100
99 72.6 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.265 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

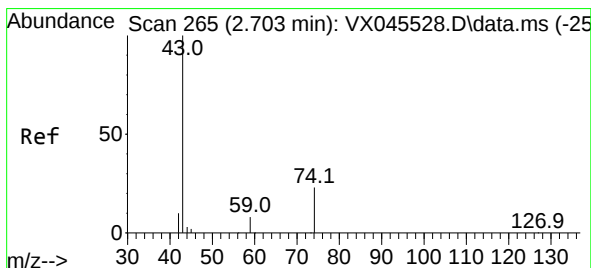
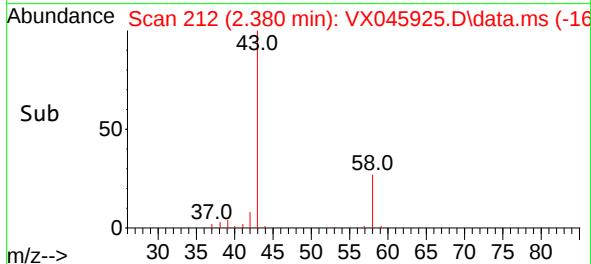
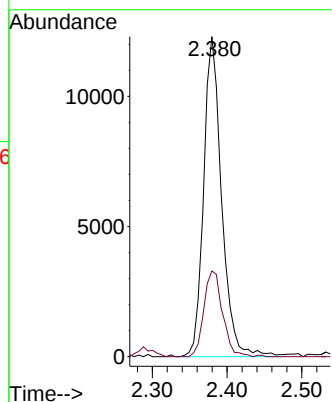
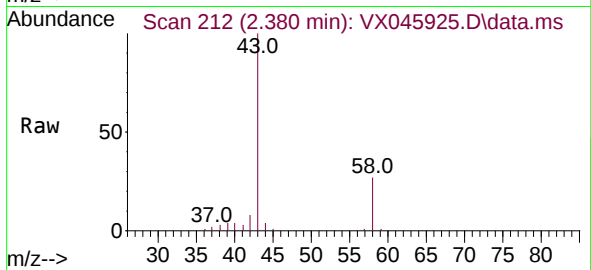




#16
Acetone
Concen: 42.625 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

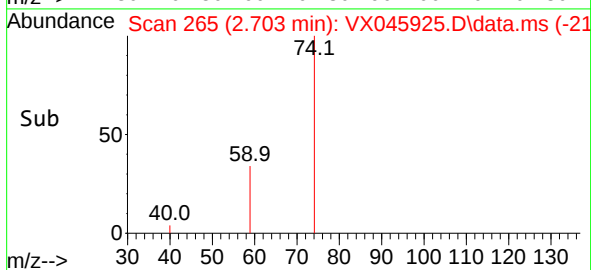
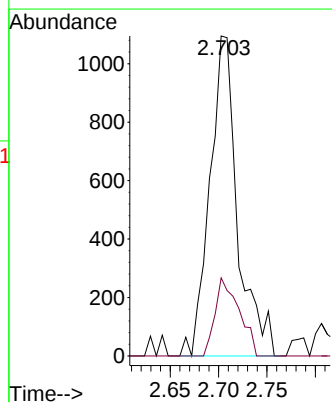
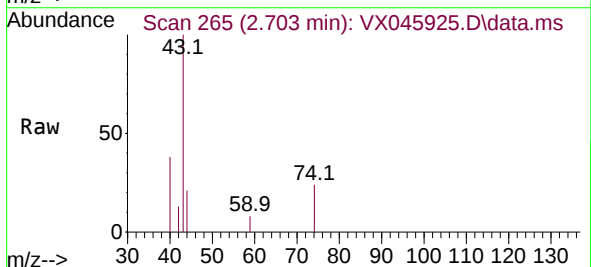
Instrument :
MSVOA_X
ClientSampleId :
ETGI-354

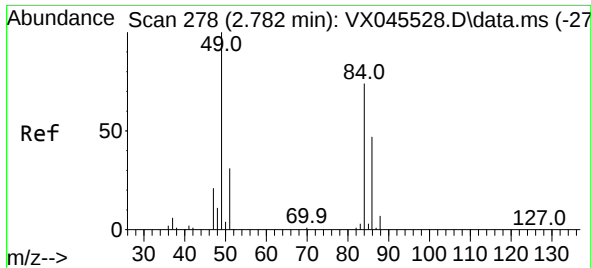
Tgt Ion: 43 Resp: 20595
Ion Ratio Lower Upper
43 100
58 26.8 22.3 33.5



#18
Methyl Acetate
Concen: 1.966 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3

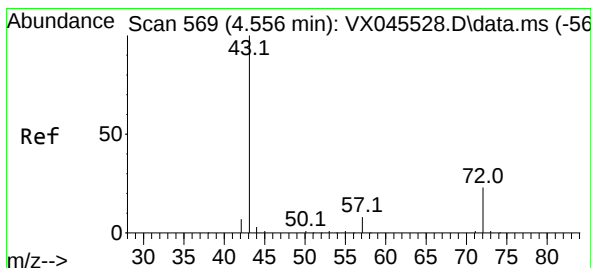
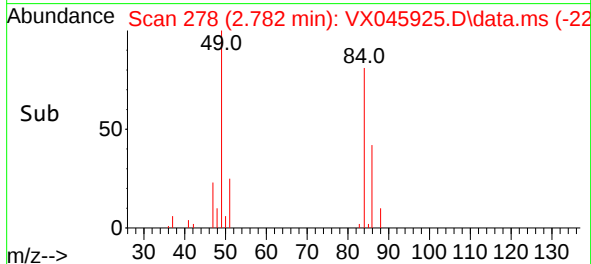
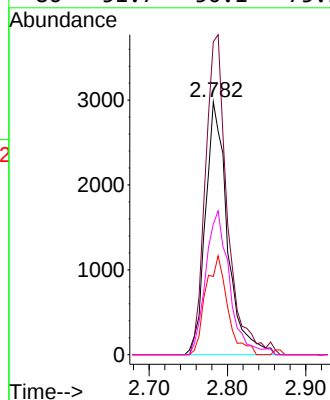
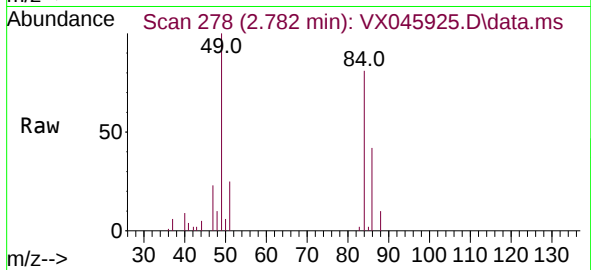




#20
Methylene Chloride
Concen: 6.437 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

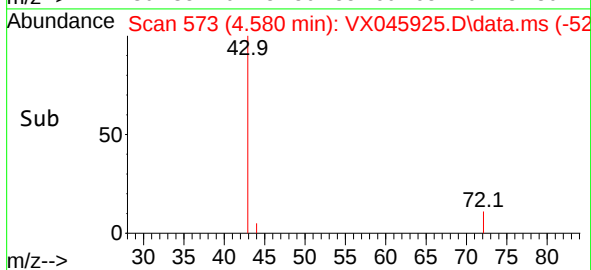
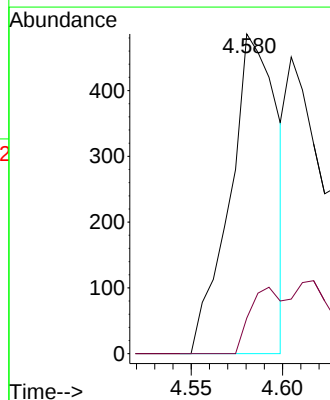
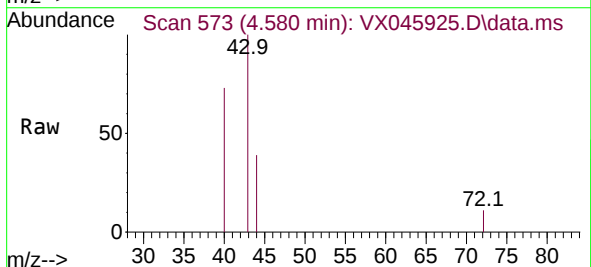
Instrument :
MSVOA_X
ClientSampleId :
ETGI-354

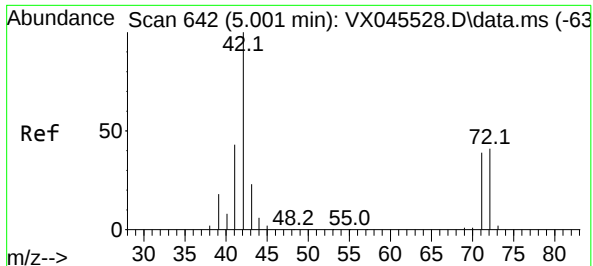
Tgt Ion:	84	Resp:	5823
Ion	Ratio	Lower	Upper
84	100		
49	123.7	107.5	161.3
51	31.0	33.0	49.6#
86	51.7	50.1	75.1



#25
2-Butanone
Concen: 1.230 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion:	43	Resp:	870
Ion	Ratio	Lower	Upper
43	100		
72	11.1	18.6	28.0#





#29

Tetrahydrofuran

Concen: 0.441 ug/l

RT: 5.032 min Scan# 642

Delta R.T. 0.030 min

Lab File: VX045925.D

Acq: 24 Apr 2025 14:23

Instrument :

MSVOA_X

ClientSampleId :

ETGI-354

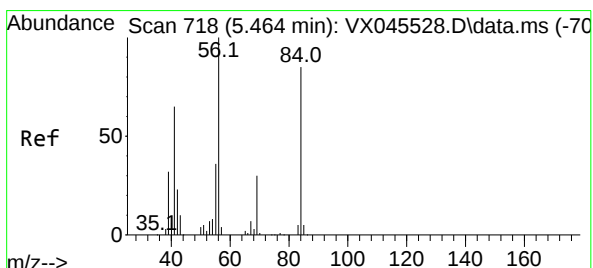
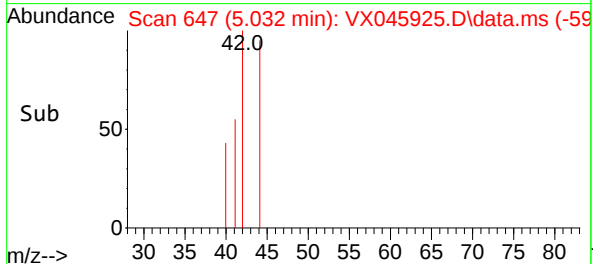
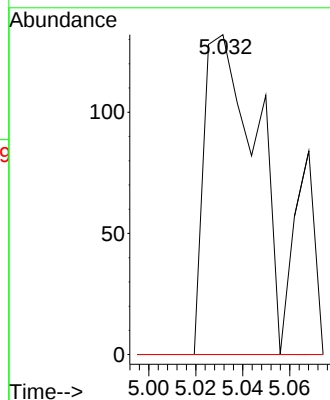
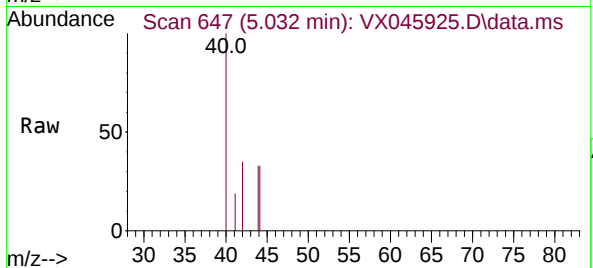
Tgt Ion: 42 Resp: 202

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

71 0.0 31.4 47.0#



#31

Cyclohexane

Concen: 1.320 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045925.D

Acq: 24 Apr 2025 14:23

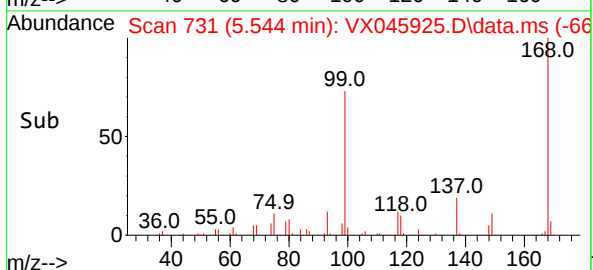
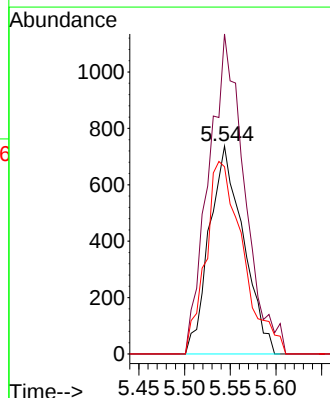
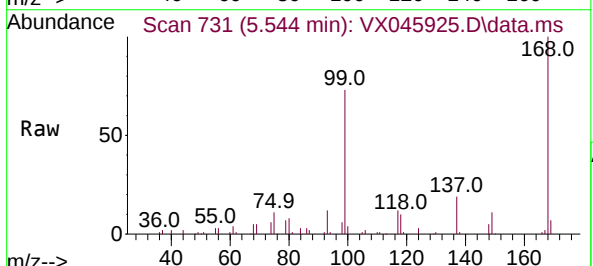
Tgt Ion: 56 Resp: 1905

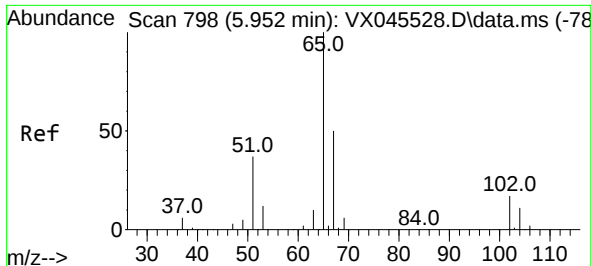
Ion Ratio Lower Upper

56 100

69 154.0 23.6 35.4#

84 90.1 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 55.130 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045925.D

Acq: 24 Apr 2025 14:23

Instrument :

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ClientSampleId :

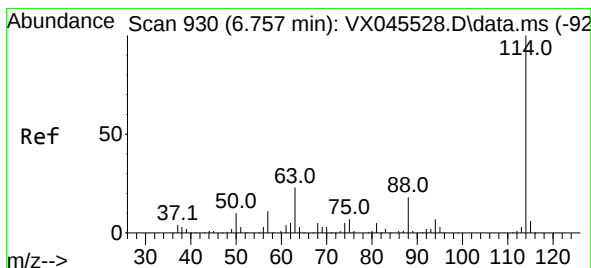
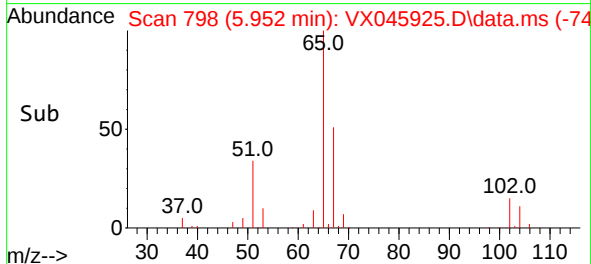
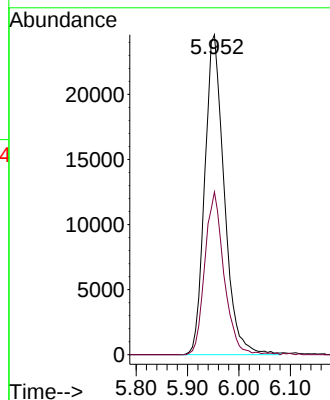
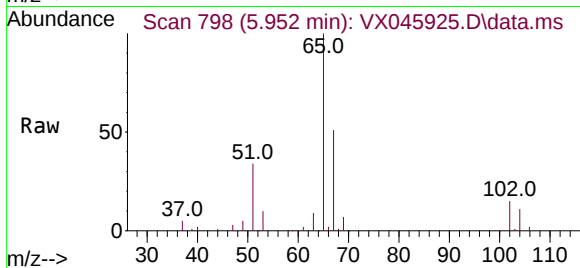
ETGI-354

Tgt Ion: 65 Resp: 64869

Ion Ratio Lower Upper

65 100

67 50.0 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: VX045925.D

Acq: 24 Apr 2025 14:23

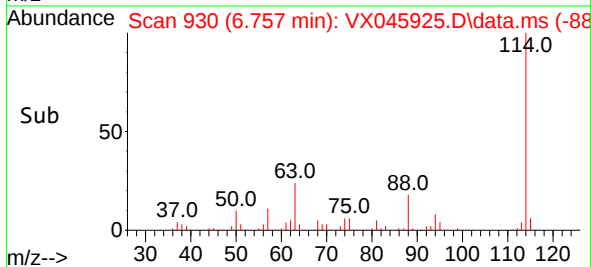
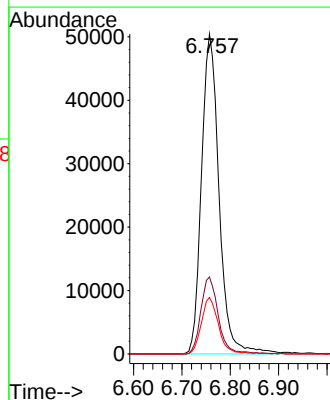
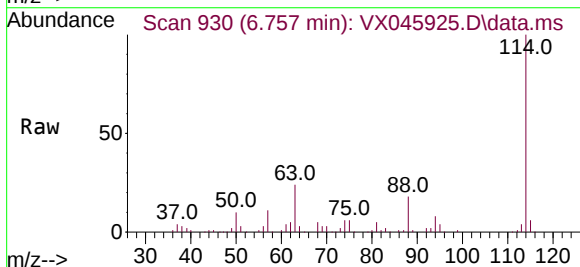
Tgt Ion: 114 Resp: 127209

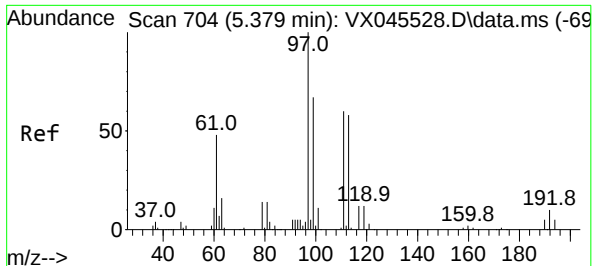
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

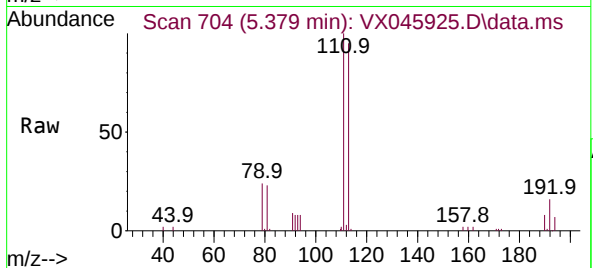
88 17.7 0.0 35.4



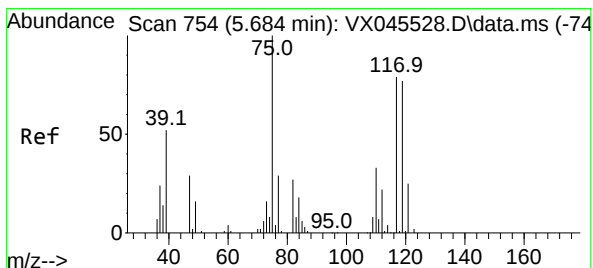
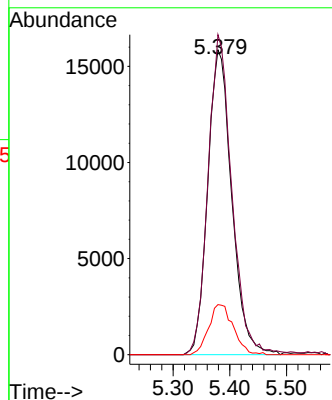
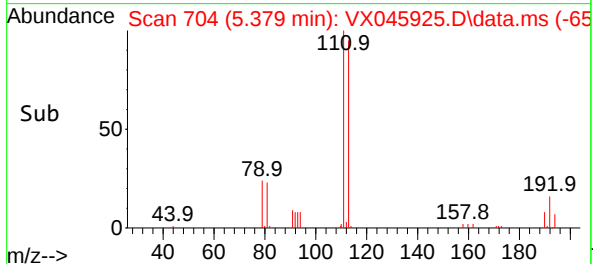


#35
Dibromofluoromethane
Concen: 51.732 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

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ClientSampleId :
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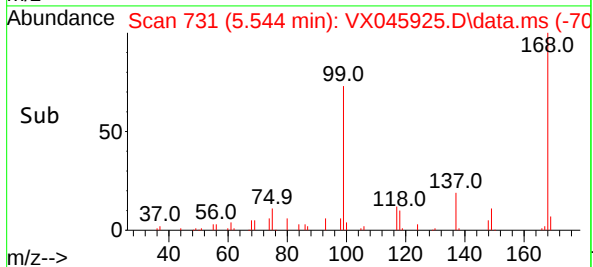
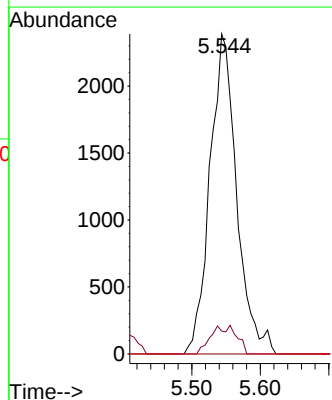
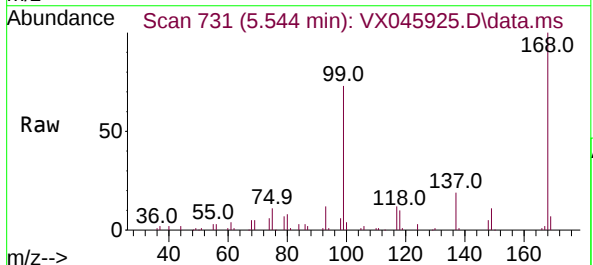


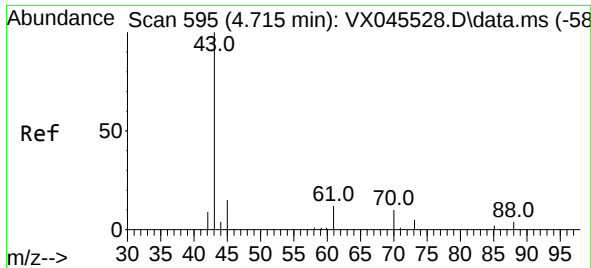
Tgt Ion:113 Resp: 46691
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 16.9 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.314 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion: 75 Resp: 6476
Ion Ratio Lower Upper
75 100
110 8.5 16.9 50.6#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.210 ug/l

RT: 4.757 min Scan# 602

Delta R.T. 0.043 min

Lab File: VX045925.D

Acq: 24 Apr 2025 14:23

Instrument :

MSVOA_X

ClientSampleId :

ETGI-354

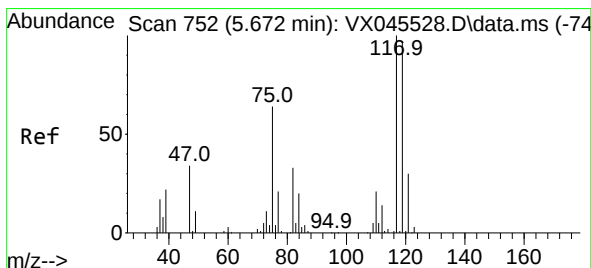
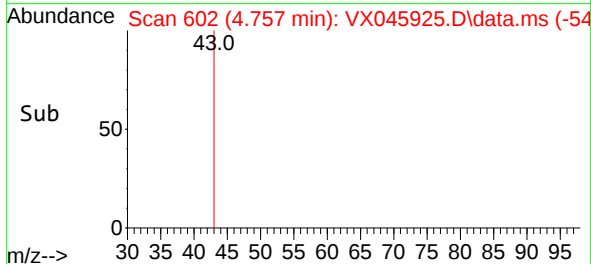
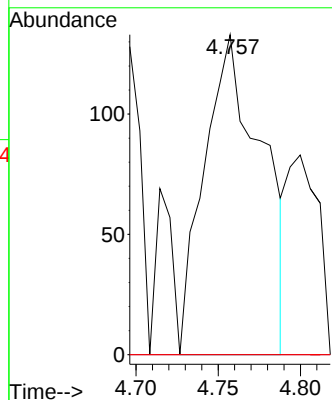
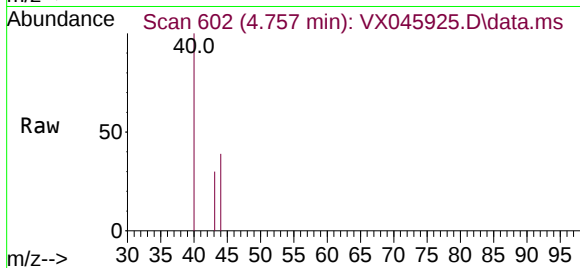
Tgt Ion: 43 Resp: 323

Ion Ratio Lower Upper

43 100

61 0.0 9.9 14.9#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 5.633 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045925.D

Acq: 24 Apr 2025 14:23

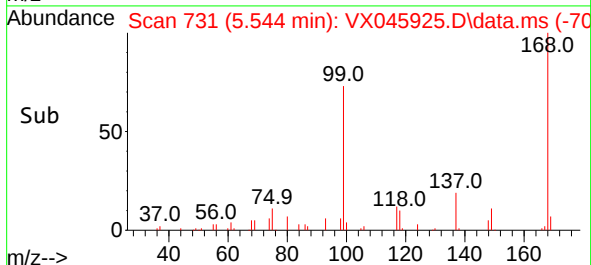
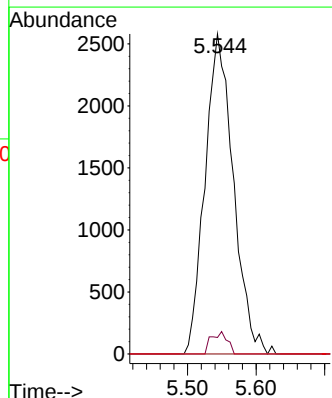
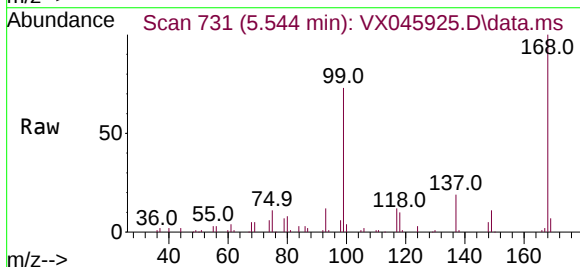
Tgt Ion: 117 Resp: 7419

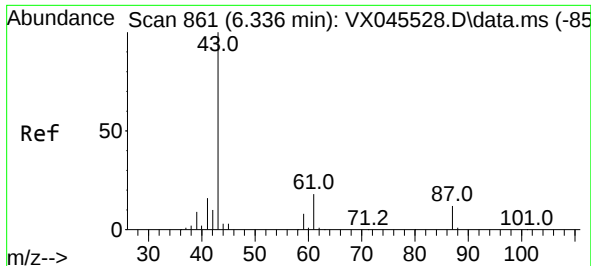
Ion Ratio Lower Upper

117 100

119 5.2 76.9 115.3#

121 0.0 24.2 36.2#

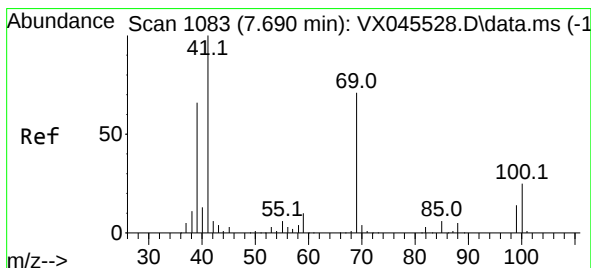
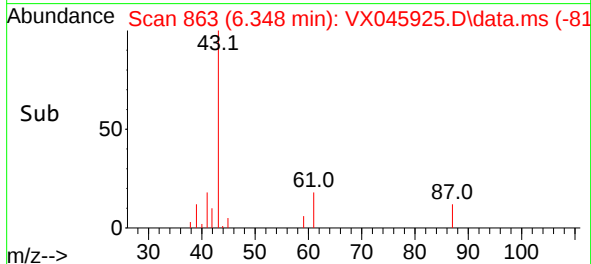
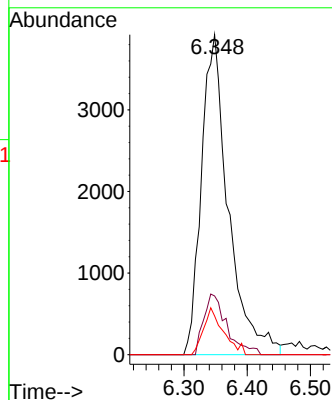
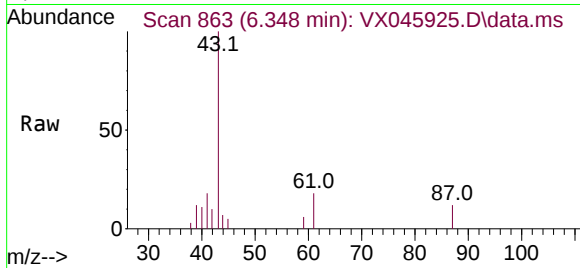




#43
Isopropyl Acetate
Concen: 4.973 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

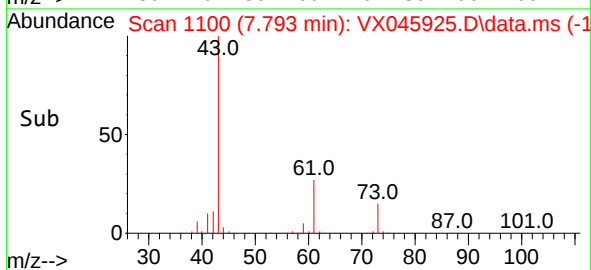
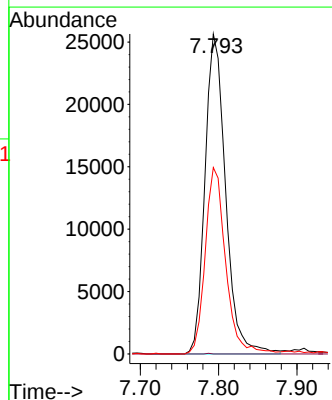
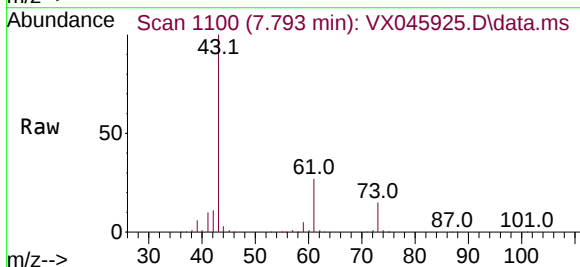
Instrument :
MSVOA_X
ClientSampleId :
ETGI-354

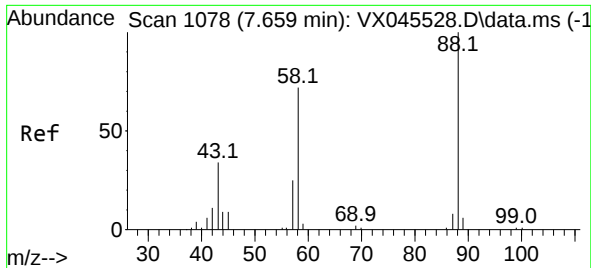
Tgt Ion: 43 Resp: 11575
Ion Ratio Lower Upper
43 100
61 16.3 14.1 21.1
87 10.8 9.2 13.8



#48
Methyl methacrylate
Concen: 38.985 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion: 41 Resp: 46851
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 57.8 53.6 80.4

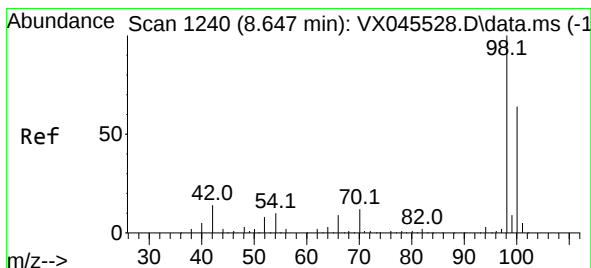
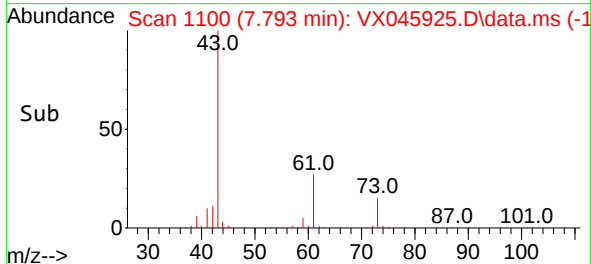
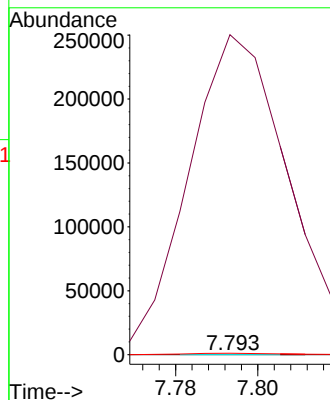
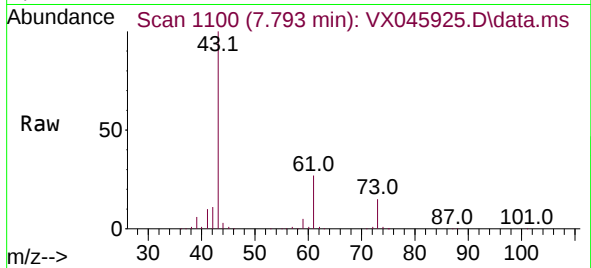




#49
1,4-Dioxane
Concen: 0.874 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

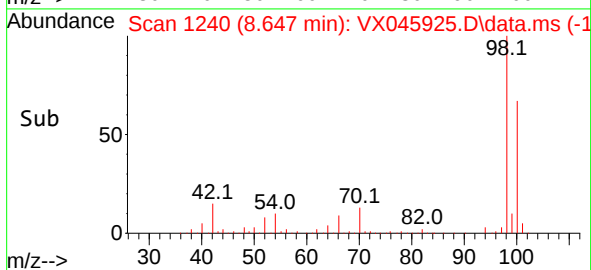
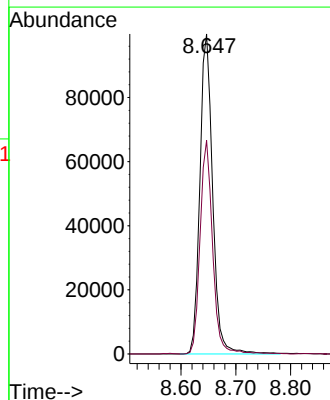
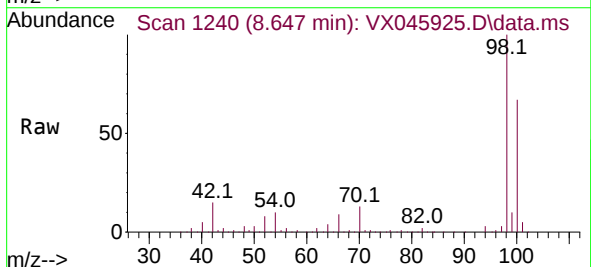
Instrument :
MSVOA_X
ClientSampleId :
ETGI-354

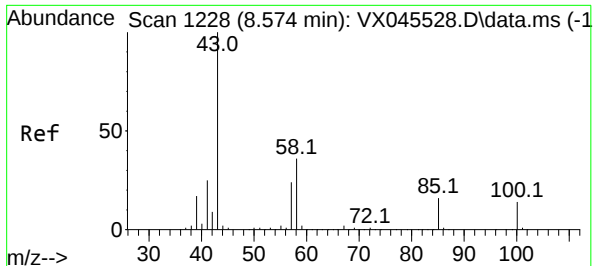
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 2357526.3 32.2 48.4#
58 10952.6 58.6 88.0#



#50
Toluene-d8
Concen: 51.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion: 98 Resp: 161809
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

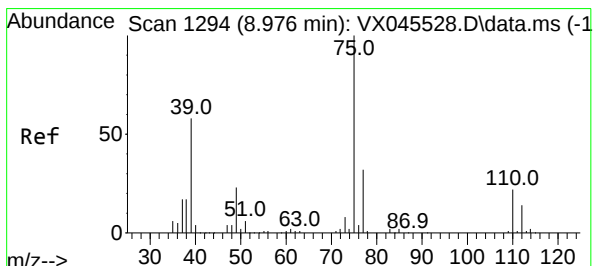
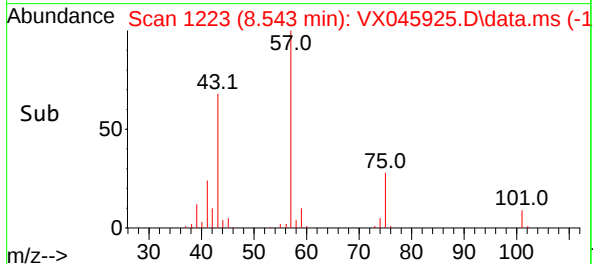
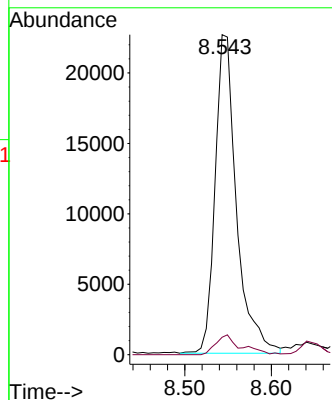
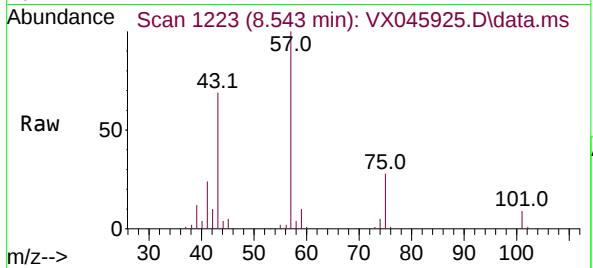




#51
4-Methyl-2-Pentanone
Concen: 25.129 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

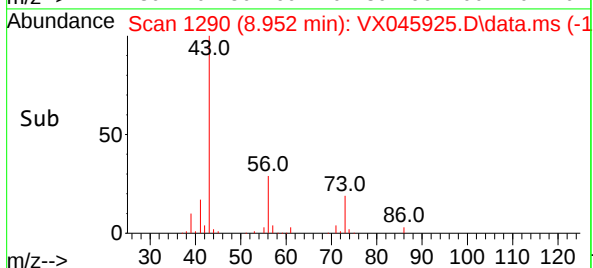
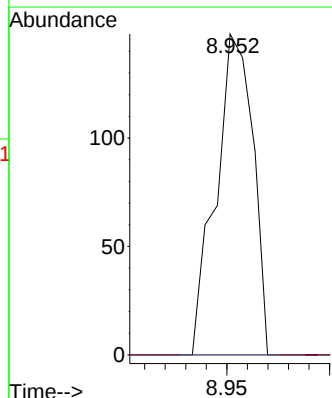
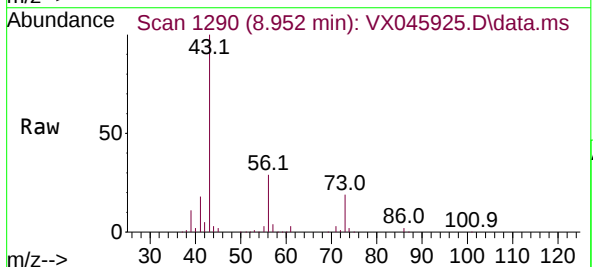
Instrument :
MSVOA_X
ClientSampleId :
ETGI-354

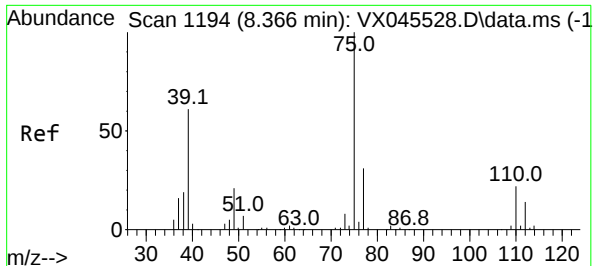
Tgt Ion: 43 Resp: 38774
Ion Ratio Lower Upper
43 100
58 7.4 28.5 42.7#



#53
t-1,3-Dichloropropene
Concen: 2.419 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion: 75 Resp: 186
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

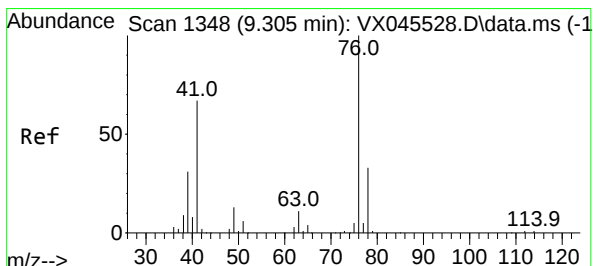
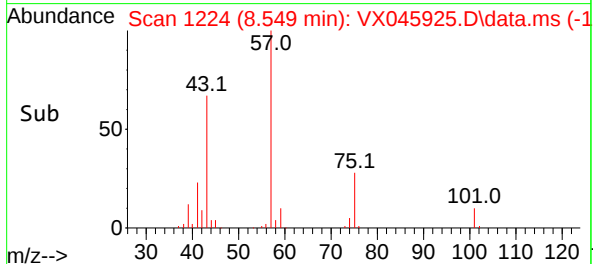
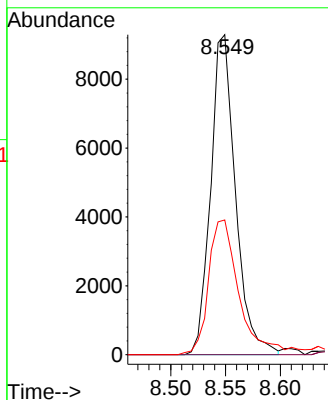
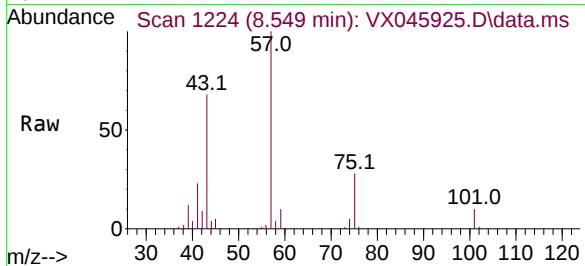




#54
 cis-1,3-Dichloropropene
 Concen: 10.963 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045925.D
 Acq: 24 Apr 2025 14:23

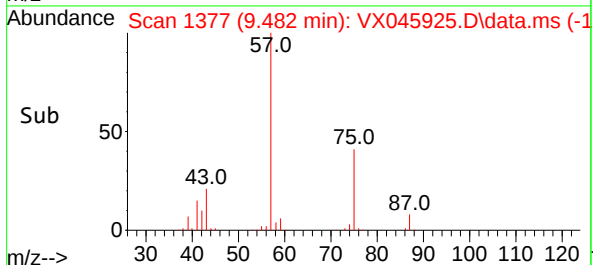
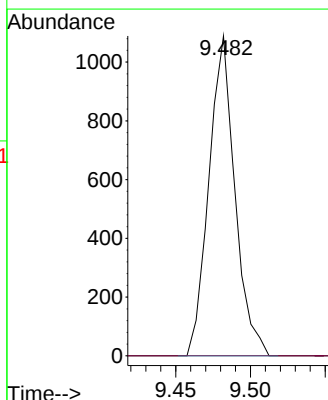
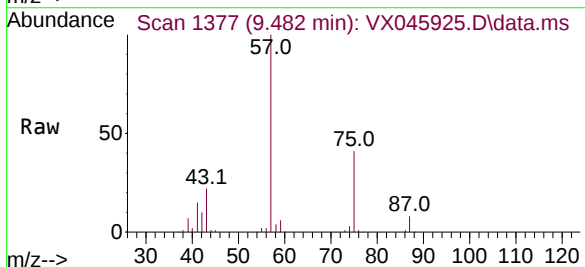
Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-354

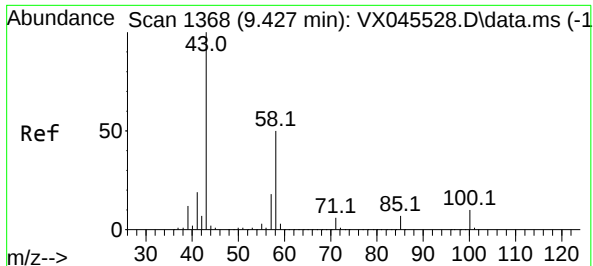
Tgt Ion: 75 Resp: 14666
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 42.1 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.843 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045925.D
 Acq: 24 Apr 2025 14:23

Tgt Ion: 76 Resp: 1318
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

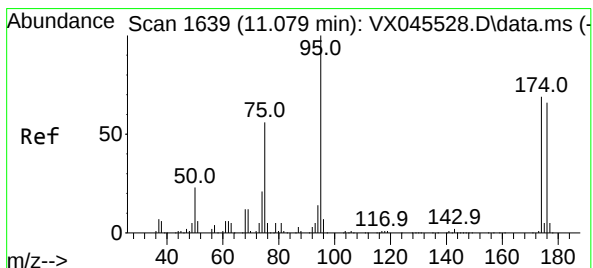
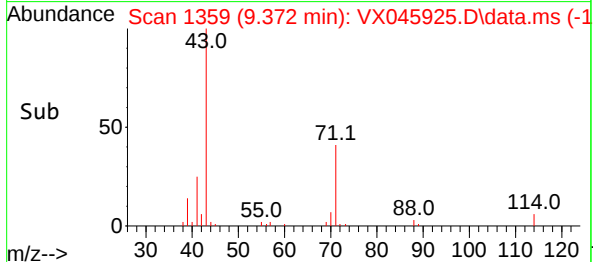
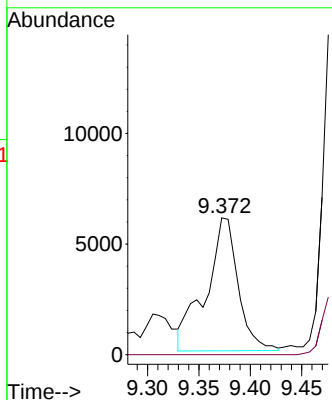
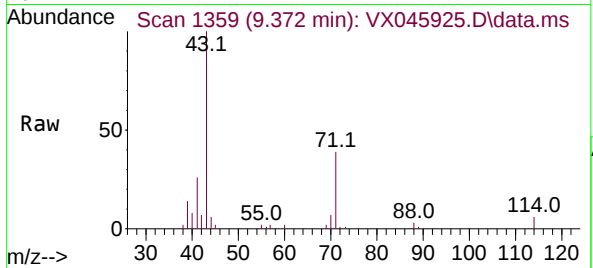




#59
2-Hexanone
Concen: 11.503 ug/l
RT: 9.372 min Scan# 1359
Delta R.T. -0.055 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

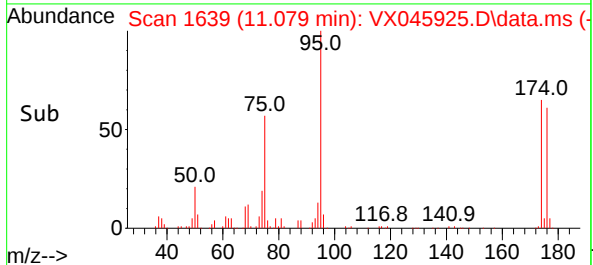
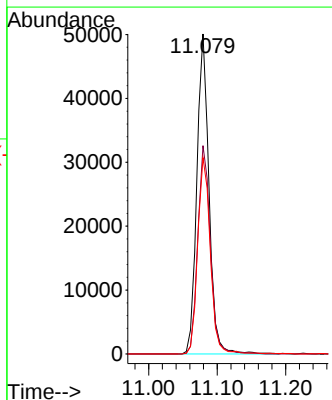
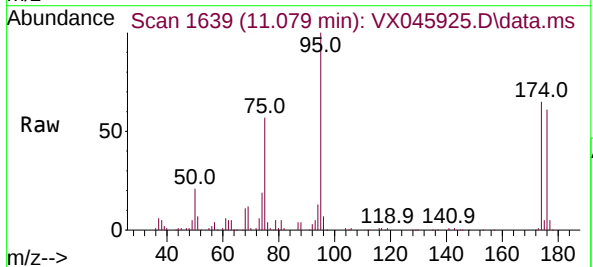
Instrument :
MSVOA_X
ClientSampleId :
ETGI-354

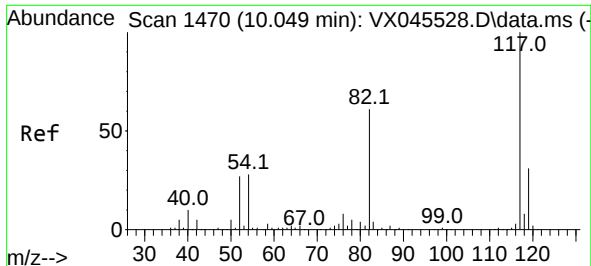
Tgt Ion: 43 Resp: 13144
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 53.852 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion: 95 Resp: 61794
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 63.8 0.0 131.4

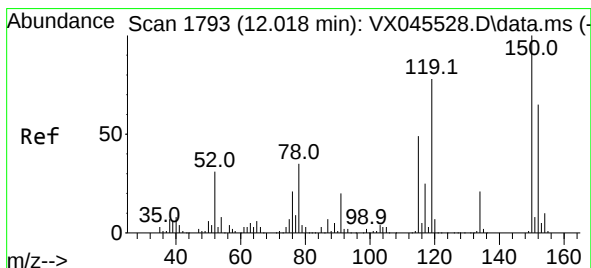
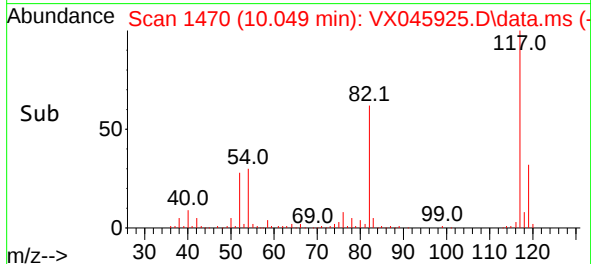
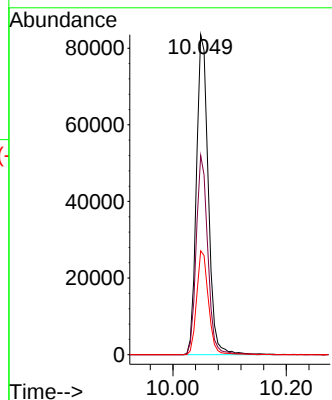
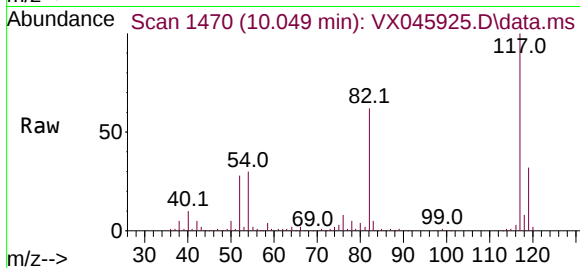




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

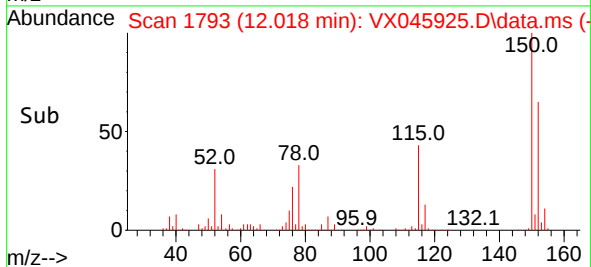
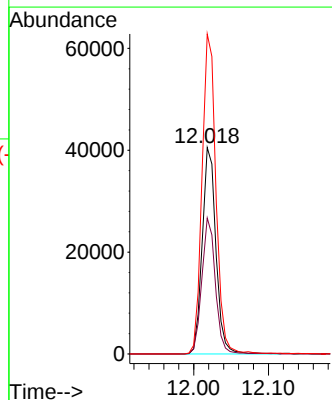
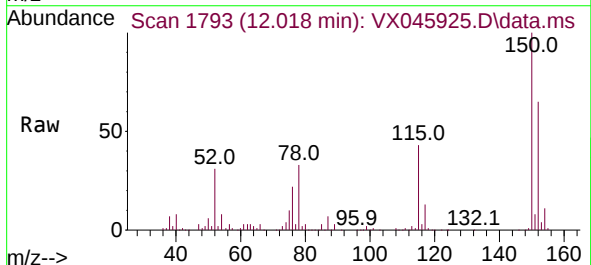
Instrument :
MSVOA_X
ClientSampleId :
ETGI-354

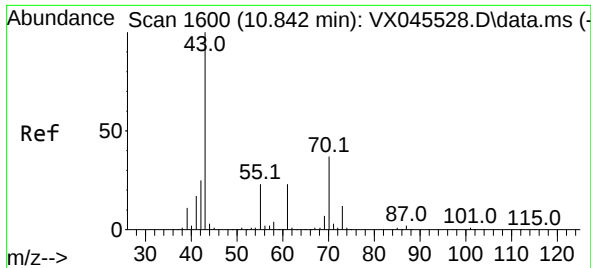
Tgt Ion:117 Resp: 121330
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion:152 Resp: 51727
Ion Ratio Lower Upper
152 100
115 64.7 46.9 140.7
150 156.8 0.0 349.4

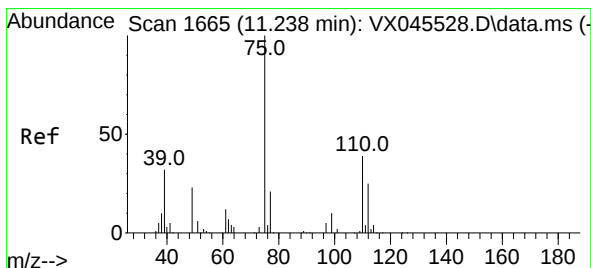
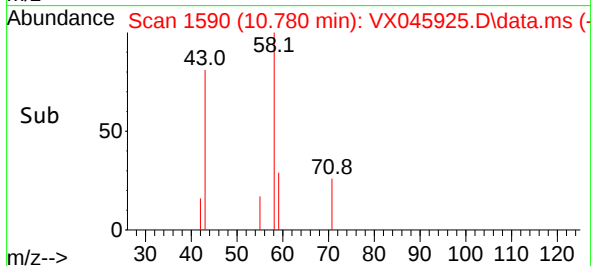
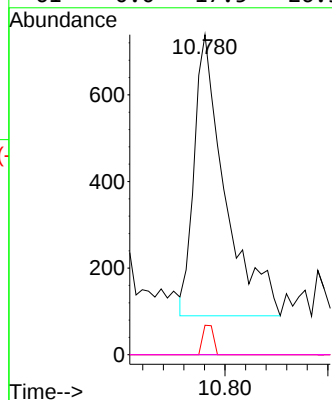
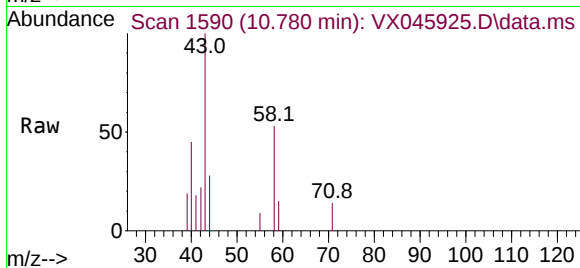




#74
N-amy1 acetate
Concen: 0.686 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

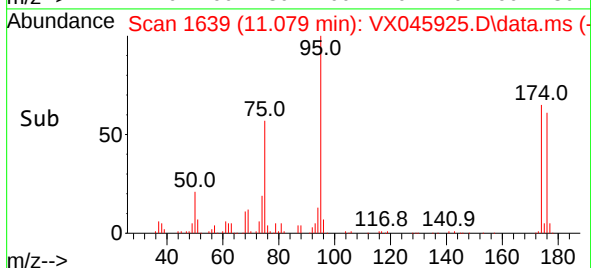
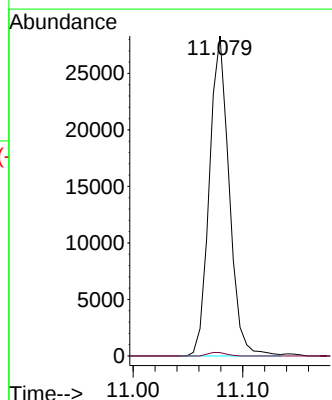
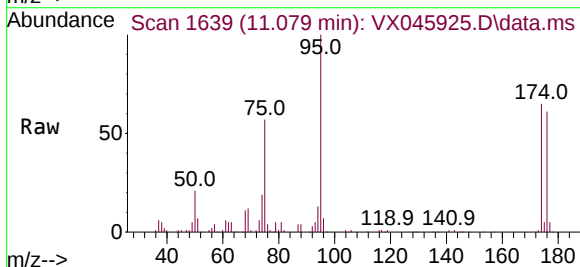
Instrument :
MSVOA_X
ClientSampleId :
ETGI-354

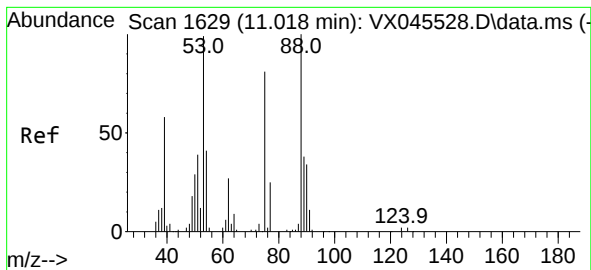
Tgt Ion:	43	Resp:	1359
Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	3.6	18.3	27.5#
61	0.0	17.5	26.3#



#76
1,2,3-Trichloropropane
Concen: 28.148 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045925.D
Acq: 24 Apr 2025 14:23

Tgt Ion:	75	Resp:	35516
Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.0	59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.532 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045925.D
 Acq: 24 Apr 2025 14:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-354

Tgt Ion: 75 Resp: 35516
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

