

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047167.D
 Acq On : 28 Jul 2025 15:50
 Operator : JC/MD
 Sample : Q2706-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-361

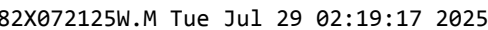
Quant Time: Jul 29 02:19:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

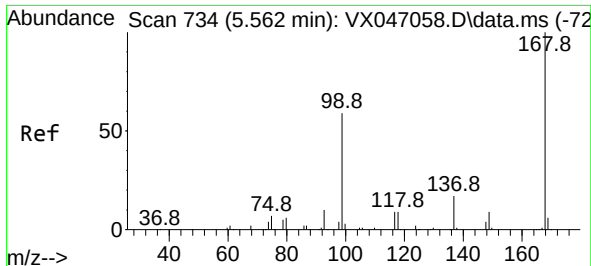
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	325585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	565341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	496551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	254273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	189459	46.714	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.420%
35) Dibromofluoromethane	5.397	113	161150	46.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.340%
50) Toluene-d8	8.653	98	492975	43.610	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.220%#
62) 4-Bromofluorobenzene	11.079	95	228040	46.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.620%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	1593	0.378	ug/l #	87
11) Tert butyl alcohol	2.965	59	328	Below Cal	#	72
16) Acetone	2.392	43	43249	26.619	ug/l	92
17) Carbon Disulfide	2.532	76	3178	0.268	ug/l #	91
18) Methyl Acetate	2.721	43	35764	8.283	ug/l	92
20) Methylene Chloride	2.800	84	11688	2.615	ug/l	94
25) 2-Butanone	4.605	43	3526	1.490	ug/l #	90
31) Cyclohexane	5.556	56	7183	0.947	ug/l #	20
36) 1,1-Dichloropropene	5.562	75	27469	4.617	ug/l #	49
37) Ethyl Acetate	4.745	43	13576	2.476	ug/l #	94
38) Carbon Tetrachloride	5.562	117	34578	5.445	ug/l #	15
43) Isopropyl Acetate	6.355	43	13392	1.567	ug/l	95
48) Methyl methacrylate	7.799	41	93432	20.066	ug/l #	44
49) 1,4-Dioxane	7.793	88	241	4.551	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	163894	32.260	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	75806	11.394	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	4364	0.632	ug/l #	43
59) 2-Hexanone	9.378	43	21486	6.401	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	120239	25.548	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	120239	65.821	ug/l #	8

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

Quant Time: Jul 29 02:19:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

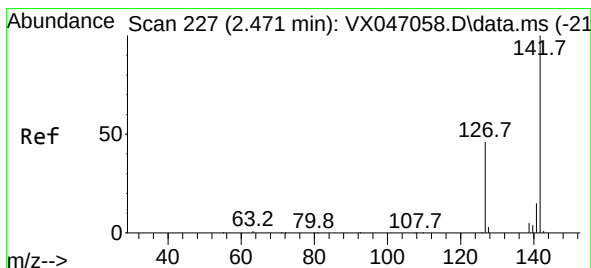
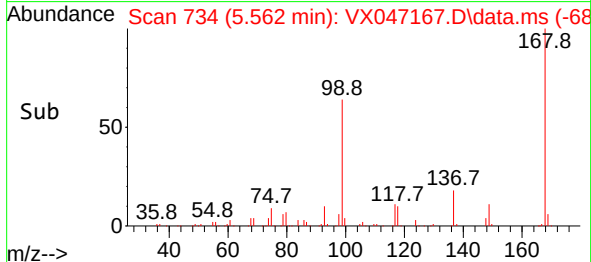
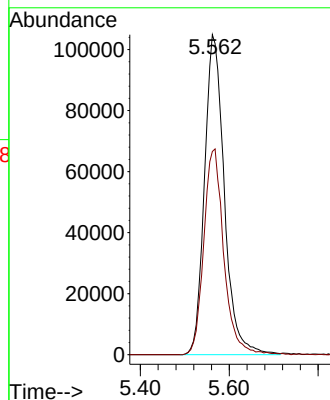
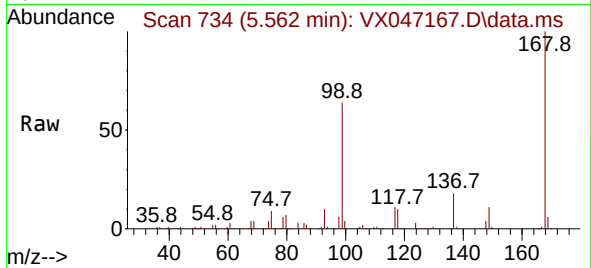




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

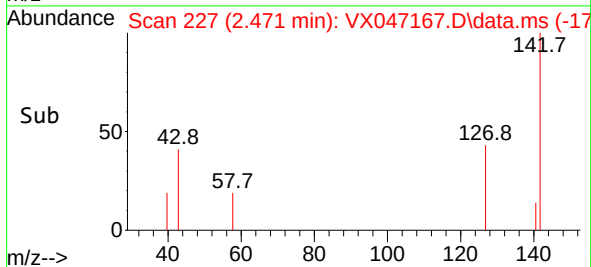
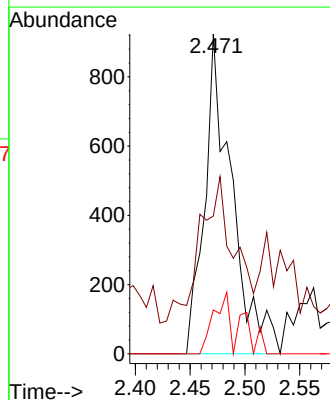
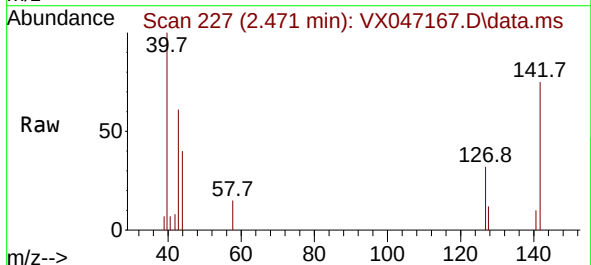
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

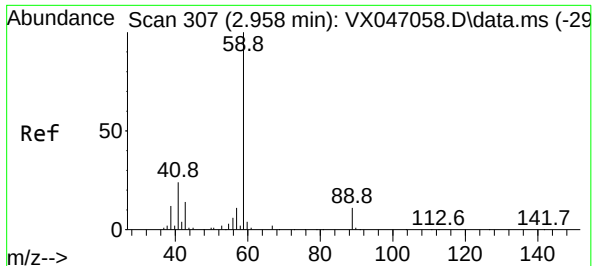
Tgt Ion:168 Resp: 325585
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0



#10
Methyl Iodide
Concen: 0.378 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion:142 Resp: 1593
Ion Ratio Lower Upper
142 100
127 55.8 36.6 54.8#
141 10.9 10.9 16.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.965 min Scan# 30

Delta R.T. 0.007 min

Lab File: VX047167.D

Acq: 28 Jul 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

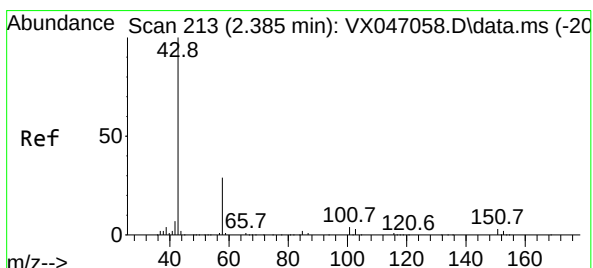
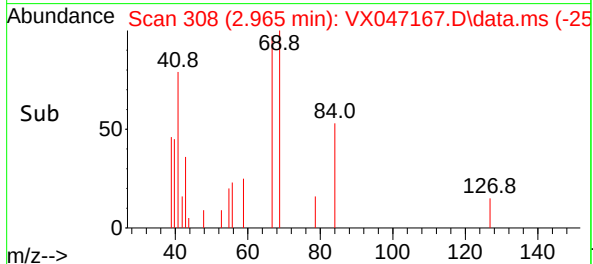
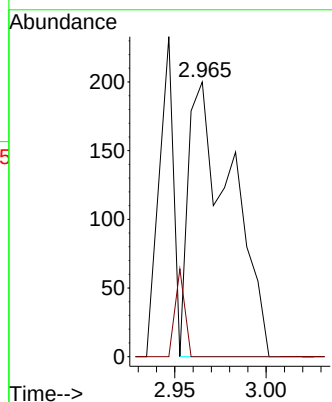
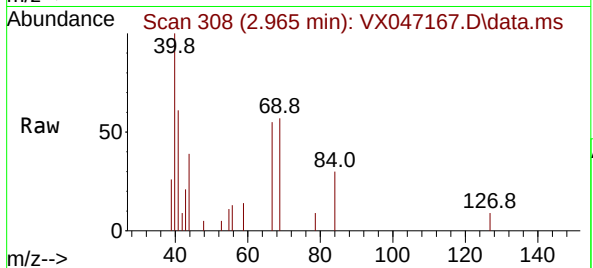
ETGI-361

Tgt Ion: 59 Resp: 328

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 26.619 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.007 min

Lab File: VX047167.D

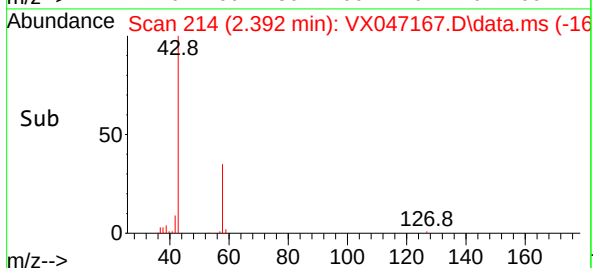
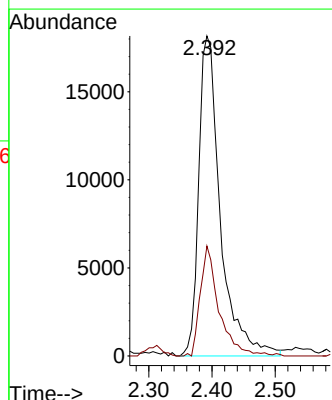
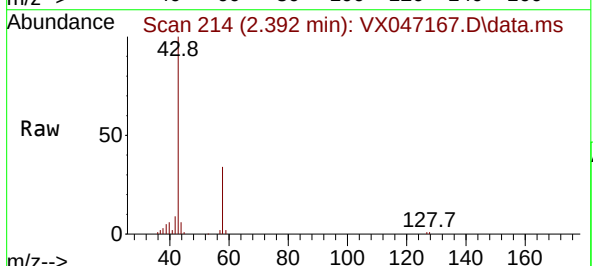
Acq: 28 Jul 2025 15:50

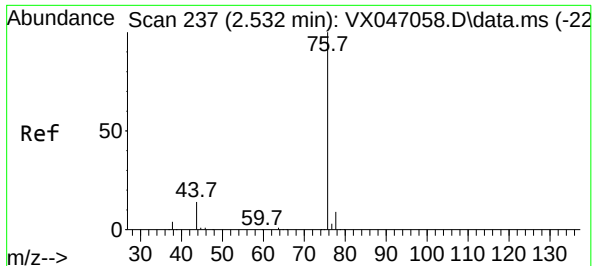
Tgt Ion: 43 Resp: 43249

Ion Ratio Lower Upper

43 100

58 34.3 24.0 36.0

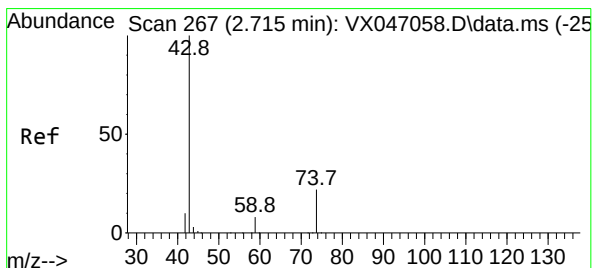
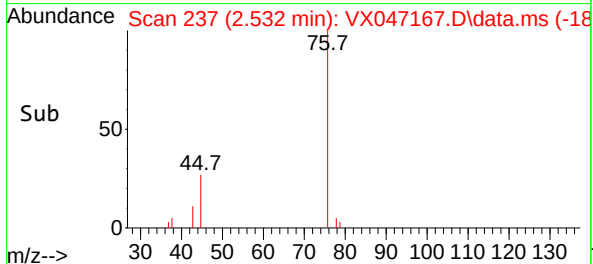
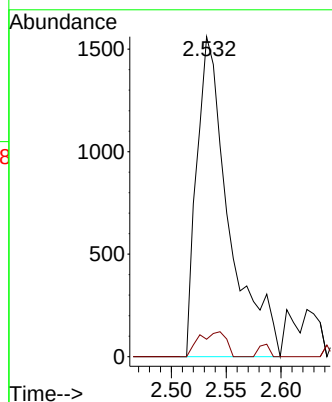
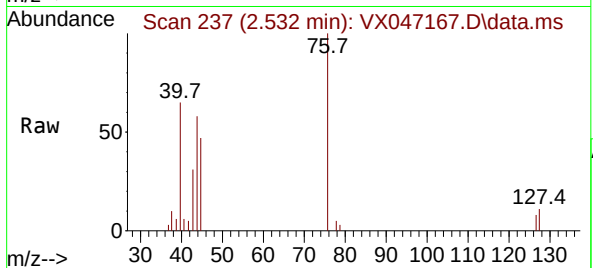




#17
Carbon Disulfide
Concen: 0.268 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

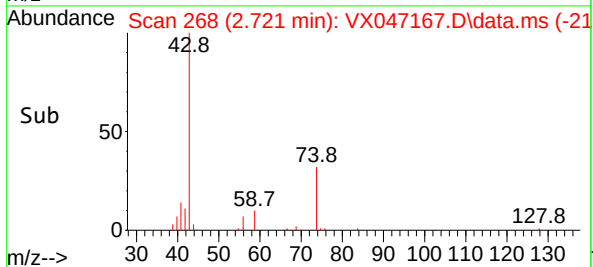
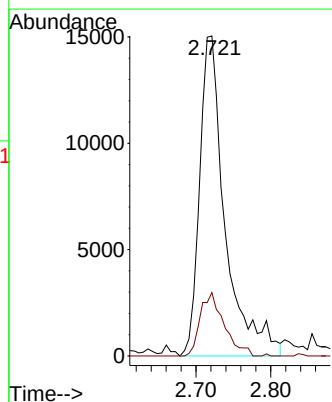
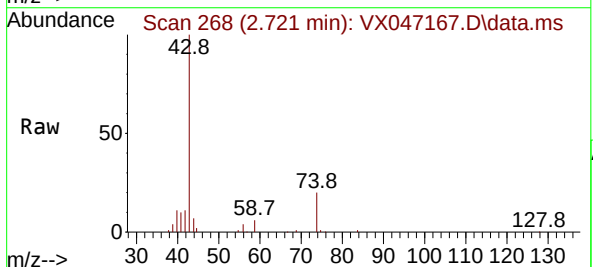
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

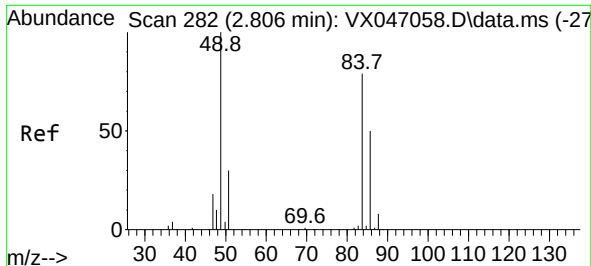
Tgt Ion: 76 Resp: 3178
Ion Ratio Lower Upper
76 100
78 5.4 7.0 10.4#



#18
Methyl Acetate
Concen: 8.283 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.007 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion: 43 Resp: 35764
Ion Ratio Lower Upper
43 100
74 18.4 17.7 26.5

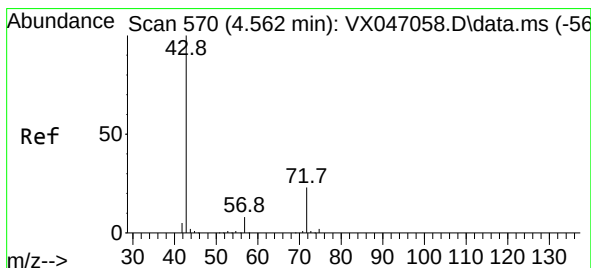
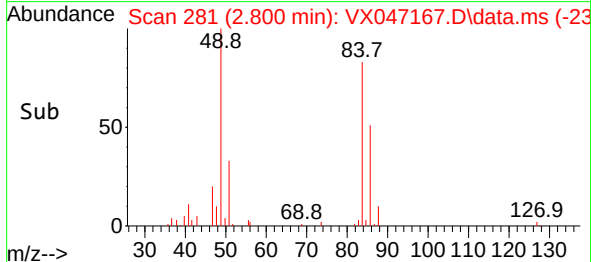
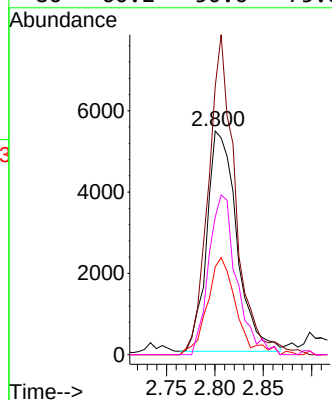
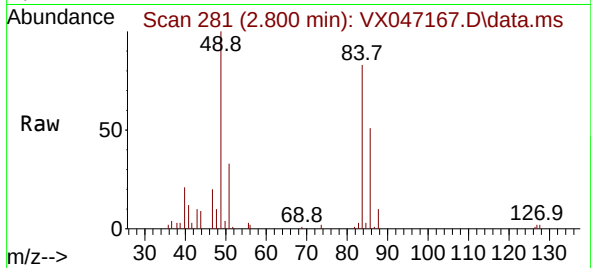




#20
Methylene Chloride
Concen: 2.615 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

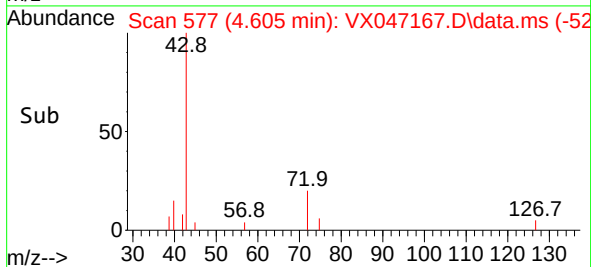
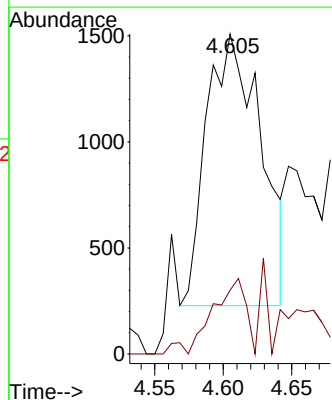
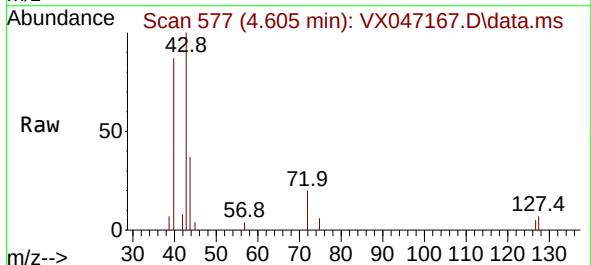
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

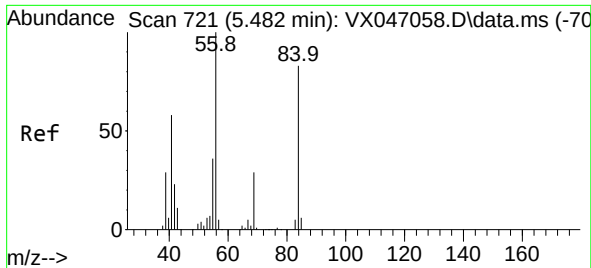
Tgt Ion:	84	Resp:	11688
Ion	Ratio	Lower	Upper
84	100		
49	117.3	101.6	152.4
51	38.4	30.3	45.5
86	60.2	50.6	75.8



#25
2-Butanone
Concen: 1.490 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.043 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion:	43	Resp:	3526
Ion	Ratio	Lower	Upper
43	100		
72	18.4	18.8	28.2#

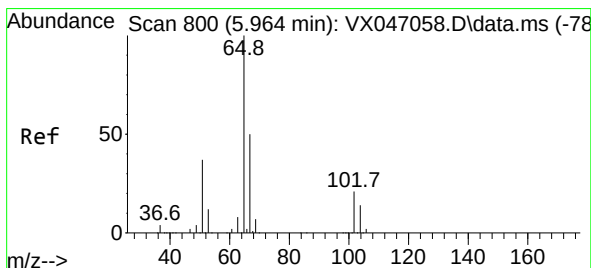
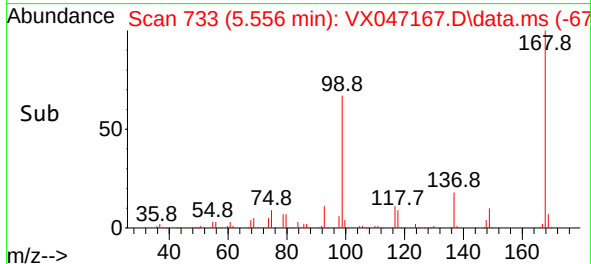
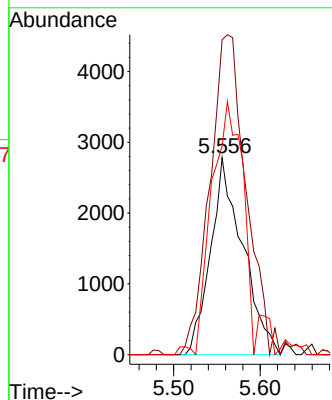
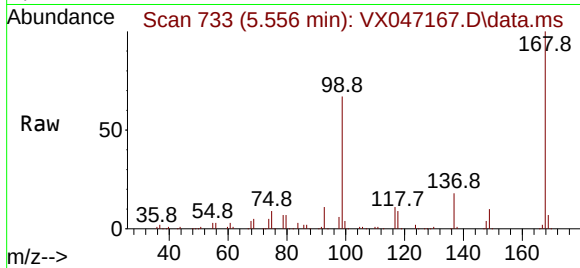




#31
Cyclohexane
Concen: 0.947 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

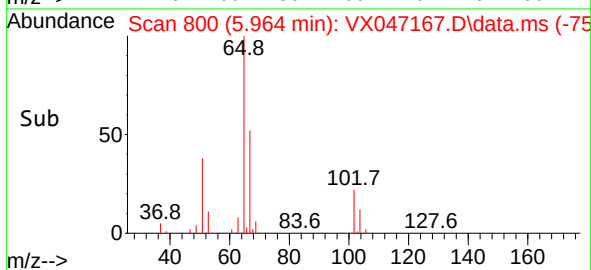
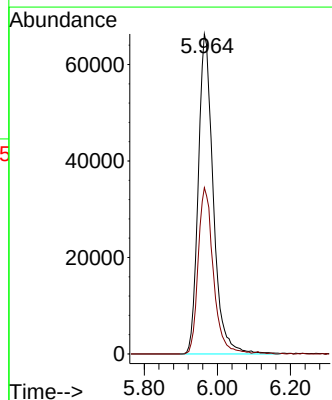
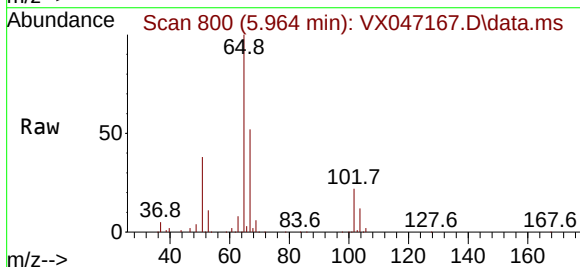
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

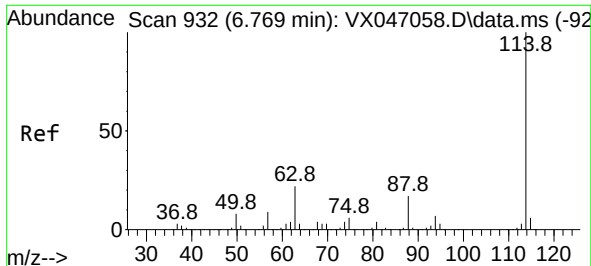
Tgt Ion: 56 Resp: 7183
Ion Ratio Lower Upper
56 100
69 160.0 23.3 34.9#
84 103.1 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 46.714 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion: 65 Resp: 189459
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

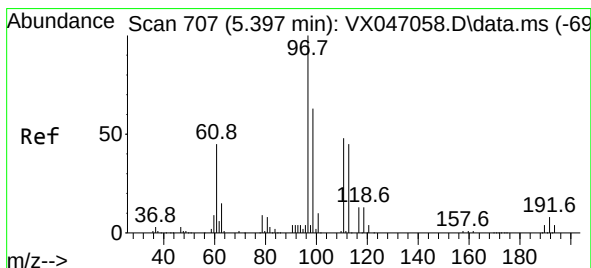
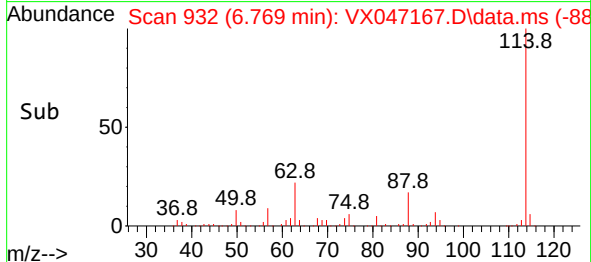
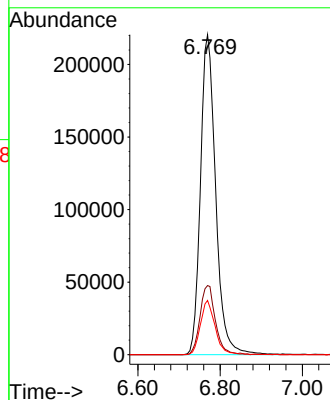
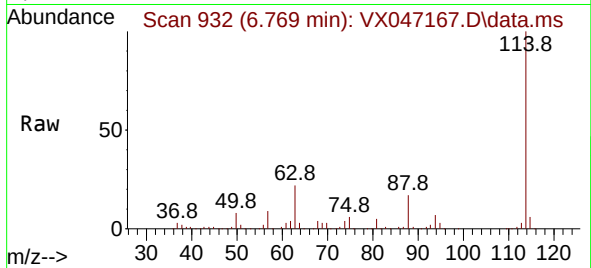




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

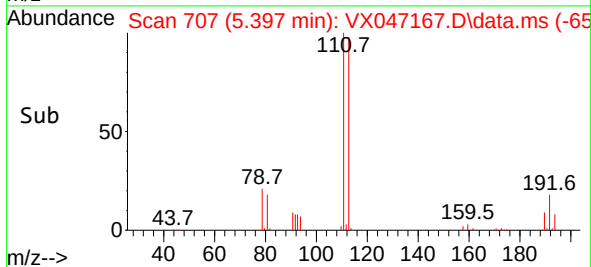
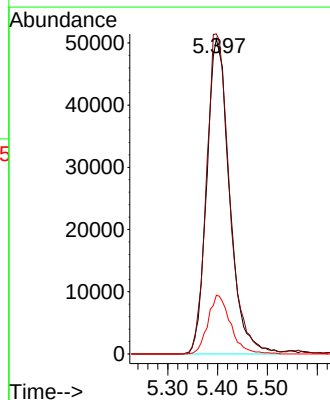
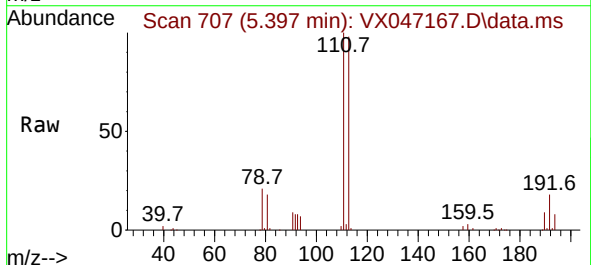
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

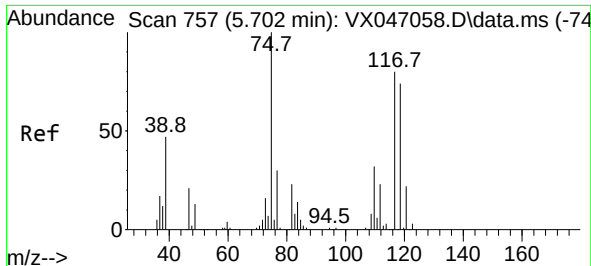
Tgt Ion:114 Resp: 565341
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.167 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion:113 Resp: 161150
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.5 14.9 22.3

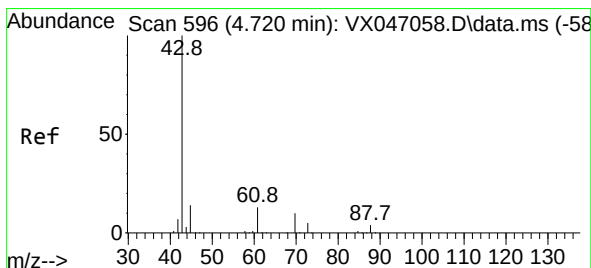
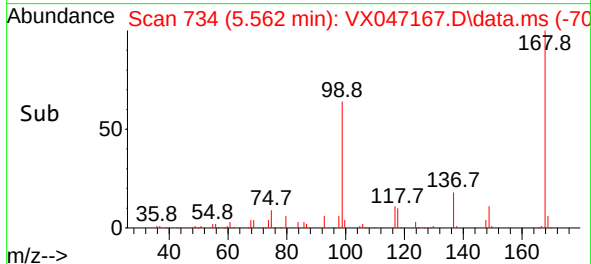
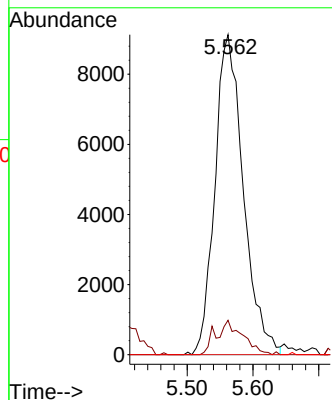
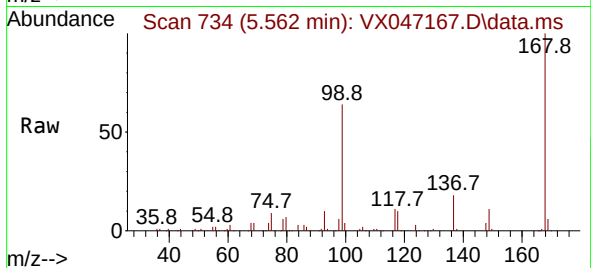




#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

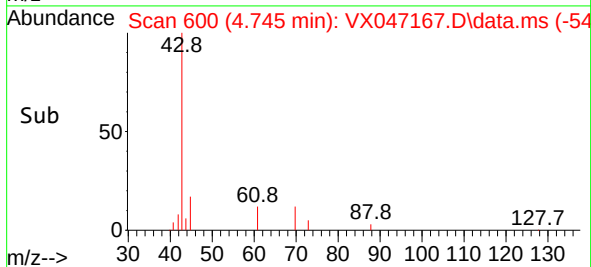
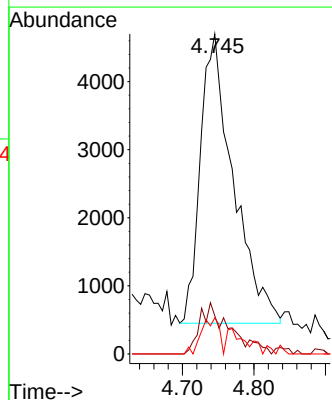
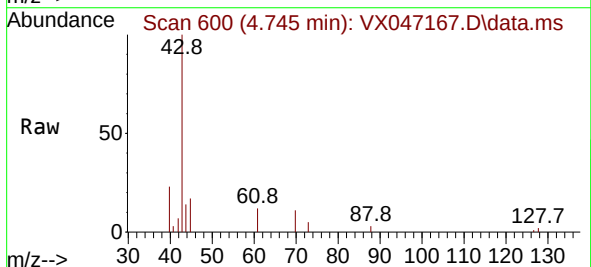
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

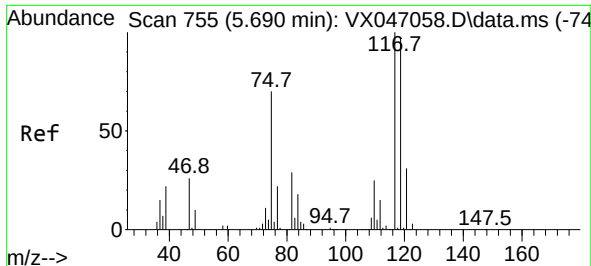
Tgt Ion: 75 Resp: 27469
Ion Ratio Lower Upper
75 100
110 7.9 17.2 51.5#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.476 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.025 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

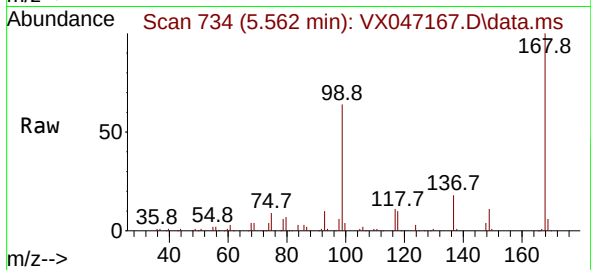
Tgt Ion: 43 Resp: 13576
Ion Ratio Lower Upper
43 100
61 14.3 10.2 15.2
70 6.7 8.1 12.1#



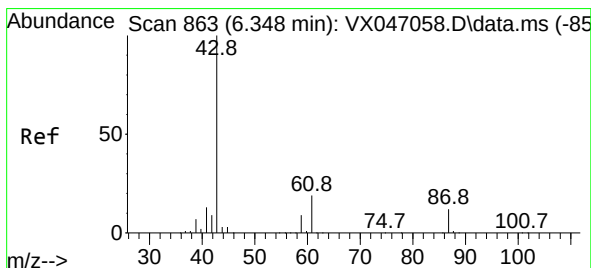
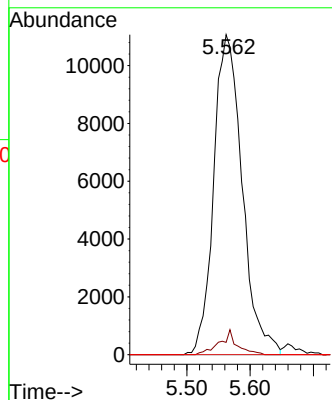
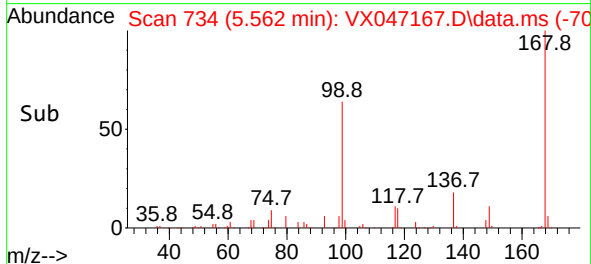


#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 5.562 min Scan# 715
Delta R.T. -0.128 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

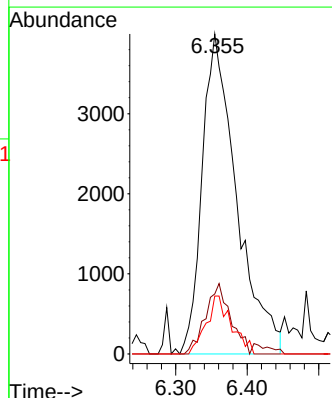
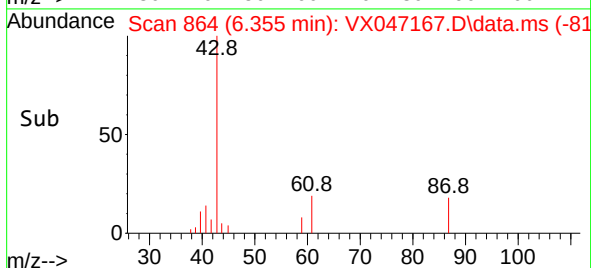
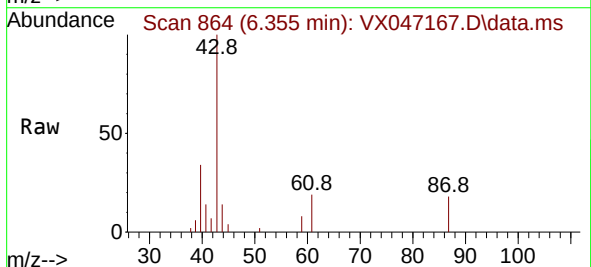


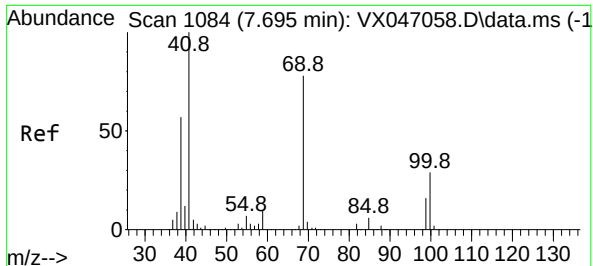
Tgt Ion:117 Resp: 34578
Ion Ratio Lower Upper
117 100
119 3.8 76.6 115.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 1.567 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion: 43 Resp: 13392
Ion Ratio Lower Upper
43 100
61 16.0 15.1 22.7
87 13.3 9.7 14.5

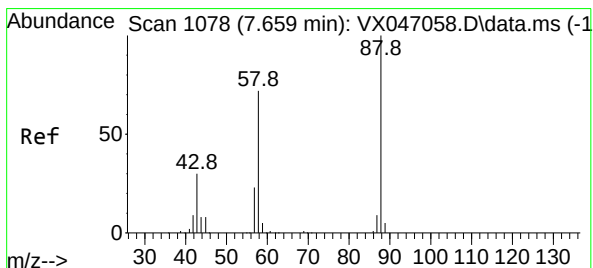
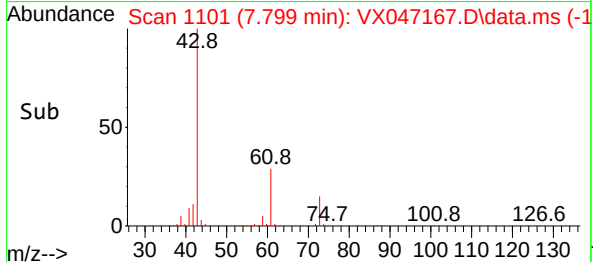
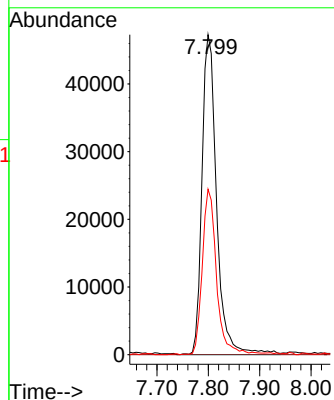
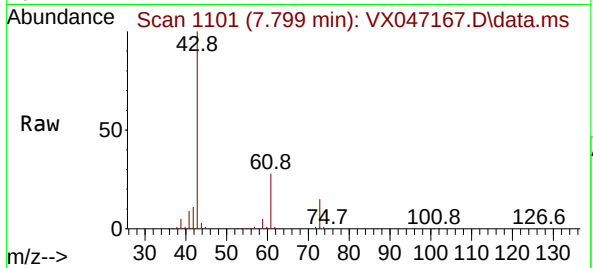




#48
Methyl methacrylate
Concen: 20.066 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

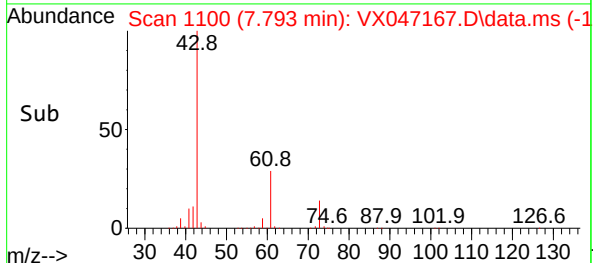
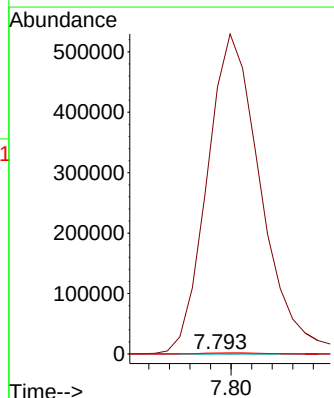
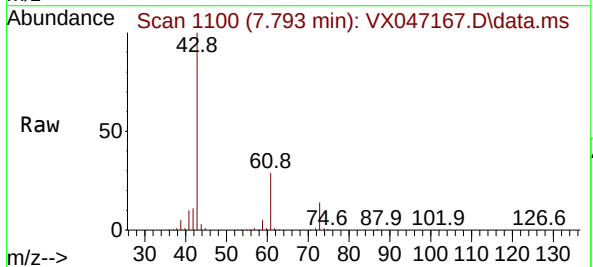
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

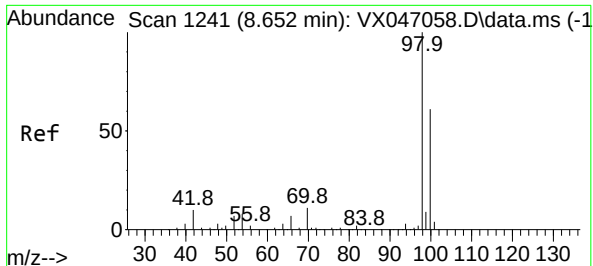
Tgt Ion: 41 Resp: 93432
Ion Ratio Lower Upper
41 100
69 0.0 62.3 93.5#
39 49.6 44.8 67.2



#49
1,4-Dioxane
Concen: 4.551 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.135 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion: 88 Resp: 241
Ion Ratio Lower Upper
88 100
43 407703.7 33.6 50.4#
58 1542.3 58.8 88.2#





#50

Toluene-d8

Concen: 43.610 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047167.D

Acq: 28 Jul 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

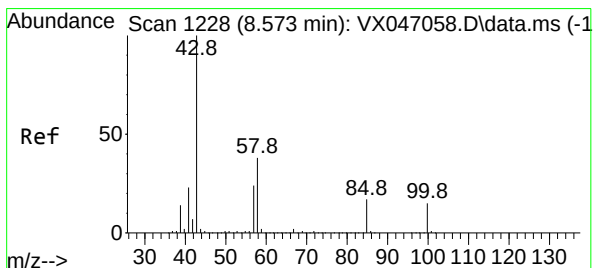
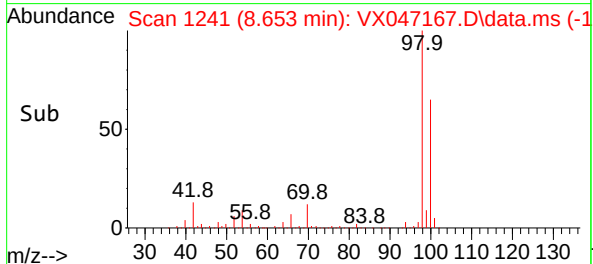
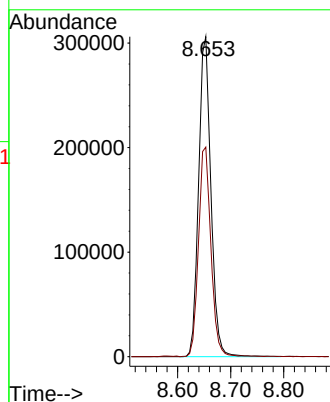
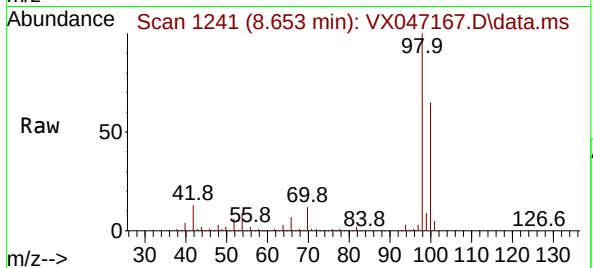
ETGI-361

Tgt Ion: 98 Resp: 492975

Ion Ratio Lower Upper

98 100

100 66.3 53.3 79.9



#51

4-Methyl-2-Pentanone

Concen: 32.260 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX047167.D

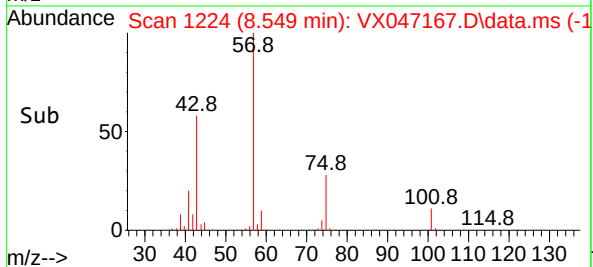
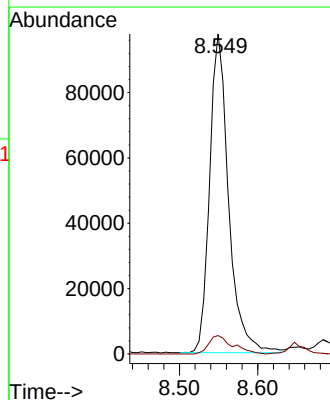
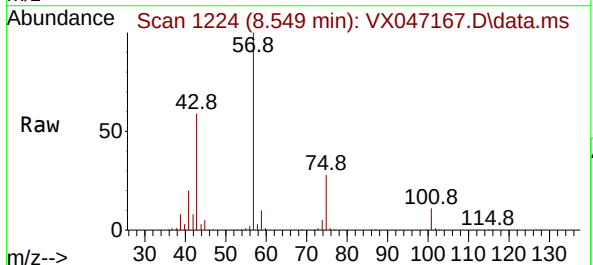
Acq: 28 Jul 2025 15:50

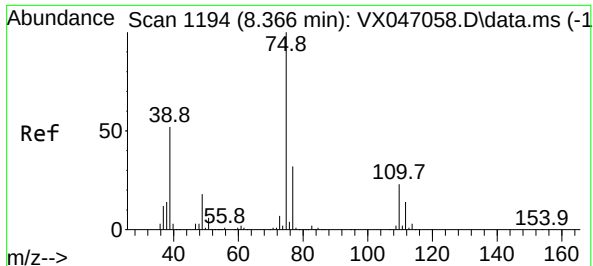
Tgt Ion: 43 Resp: 163894

Ion Ratio Lower Upper

43 100

58 7.3 30.6 45.8#

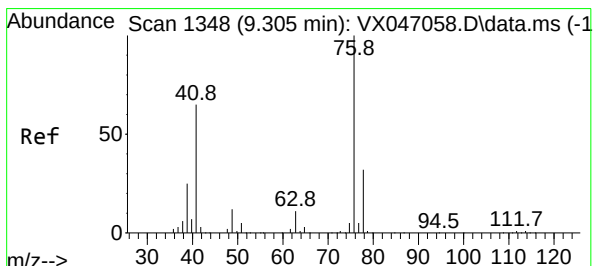
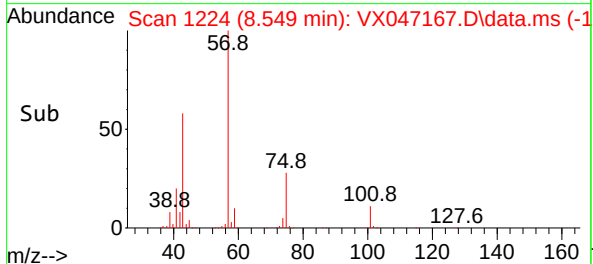
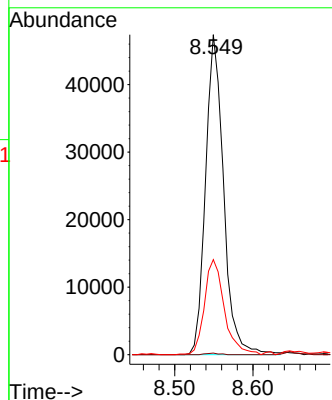
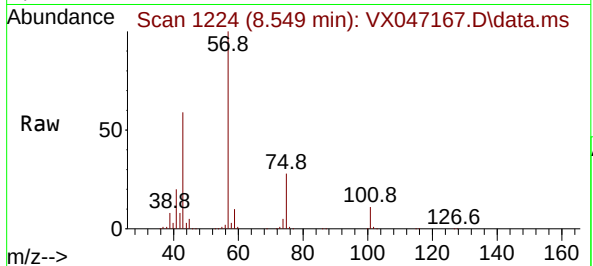




#54
 cis-1,3-Dichloropropene
 Concen: 11.394 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX047167.D
 Acq: 28 Jul 2025 15:50

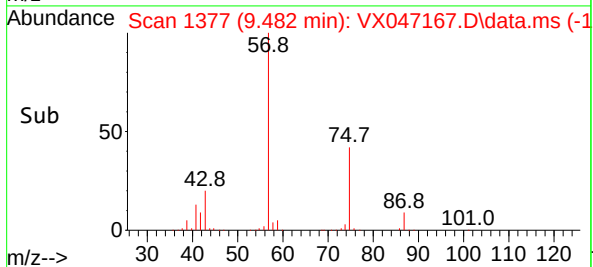
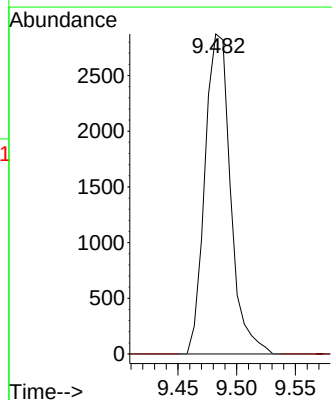
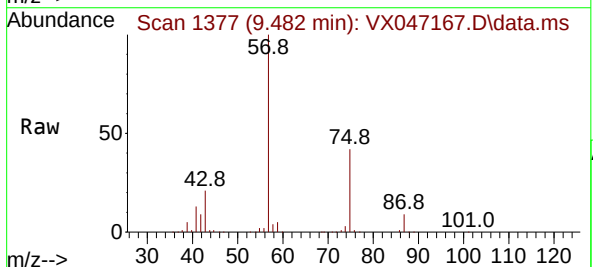
Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-361

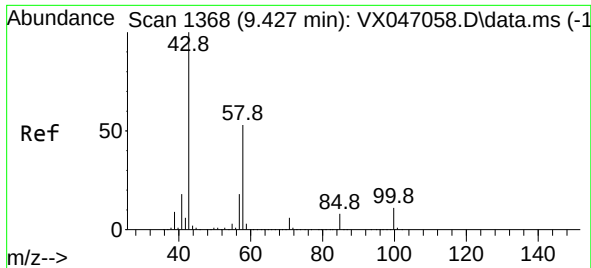
Tgt Ion: 75 Resp: 75806
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.4 38.0#
 39 29.5 41.8 62.6#



#57
 1,3-Dichloropropane
 Concen: 0.632 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX047167.D
 Acq: 28 Jul 2025 15:50

Tgt Ion: 76 Resp: 4364
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#

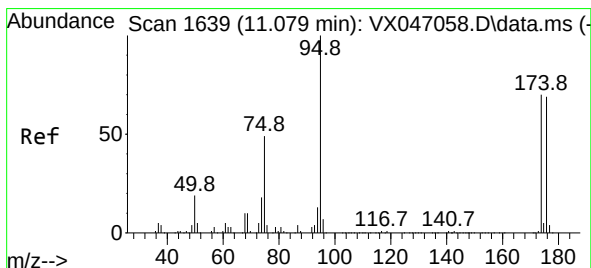
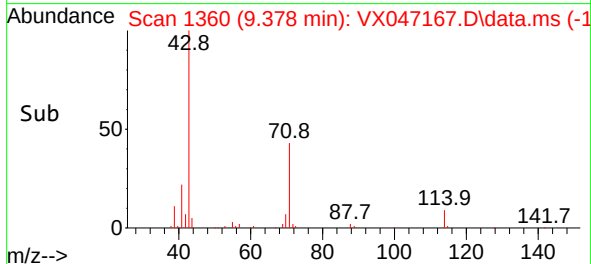
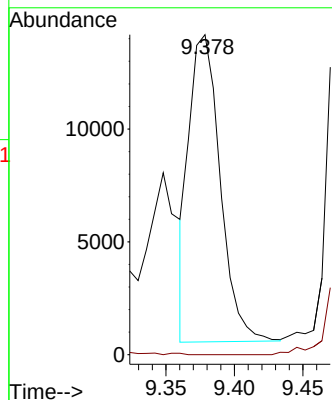
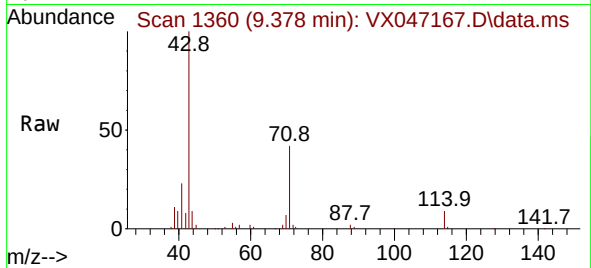




#59
2-Hexanone
Concen: 6.401 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.048 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

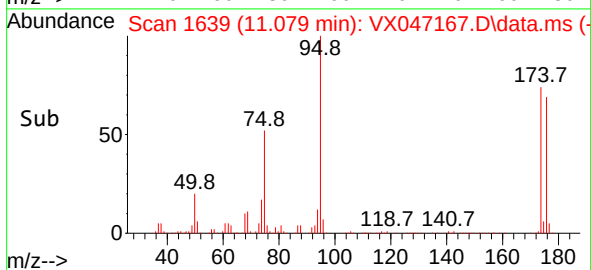
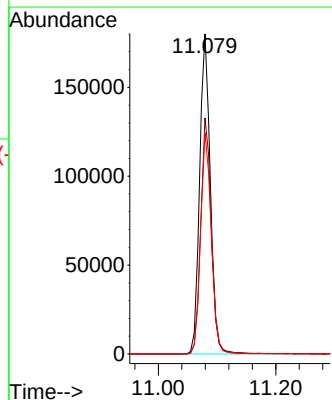
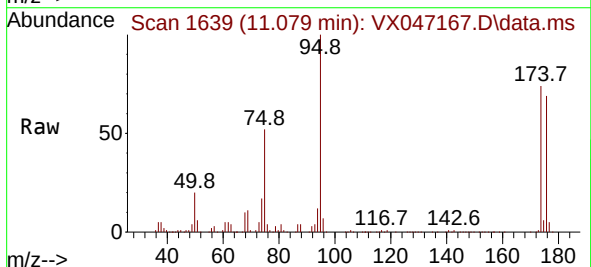
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

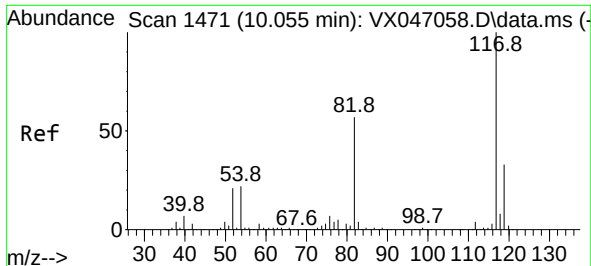
Tgt Ion: 43 Resp: 21486
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 46.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion: 95 Resp: 228040
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.6
176 69.0 0.0 139.6

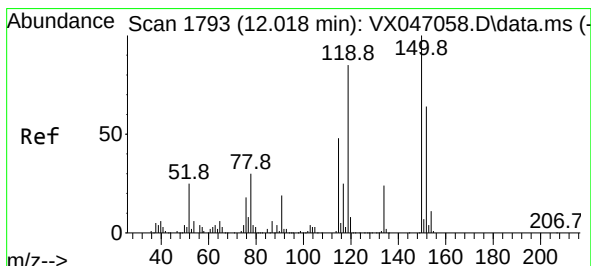
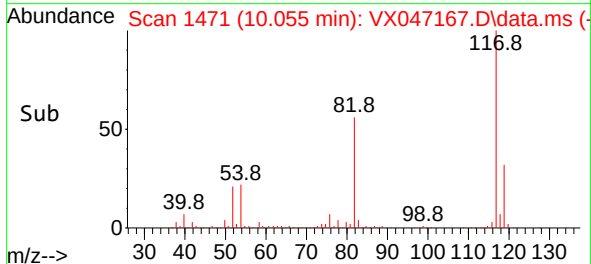
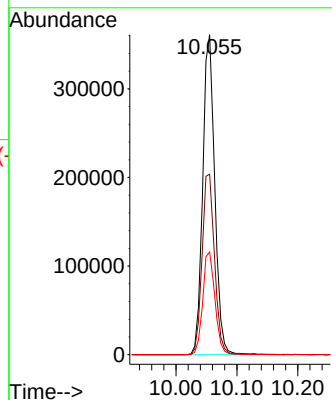
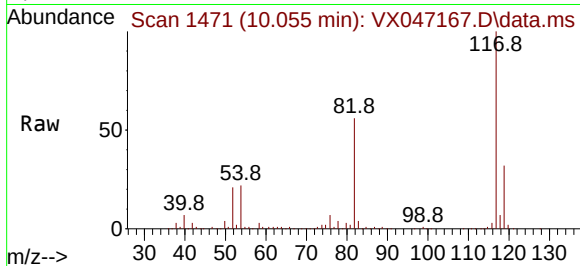




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

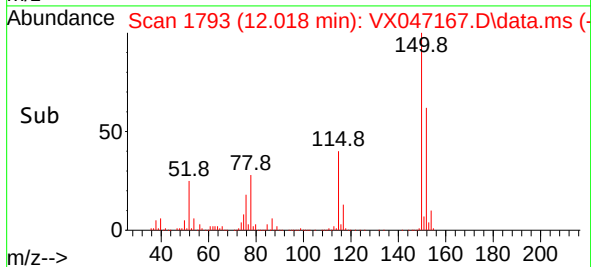
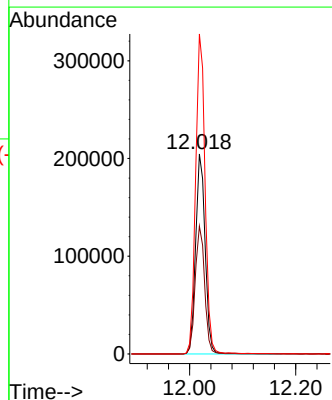
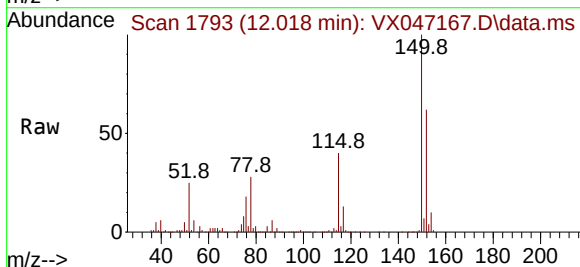
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

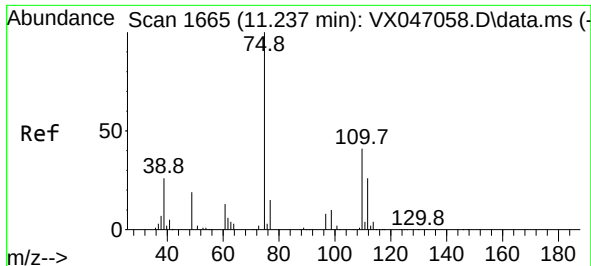
Tgt Ion:117 Resp: 496551
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion:152 Resp: 254273
Ion Ratio Lower Upper
152 100
115 63.7 45.6 136.7
150 159.3 0.0 354.6

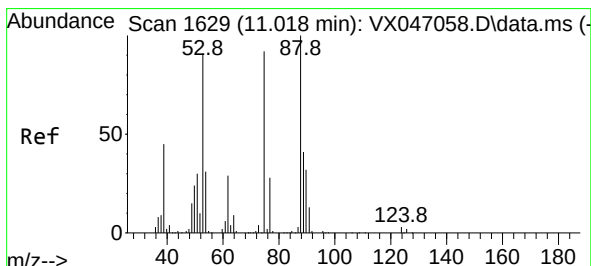
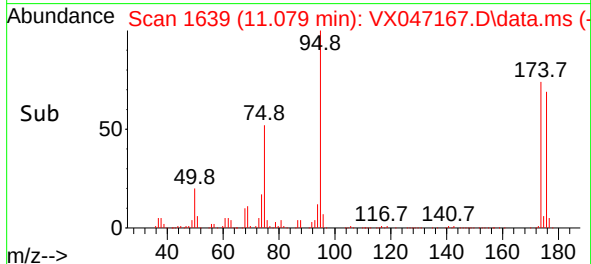
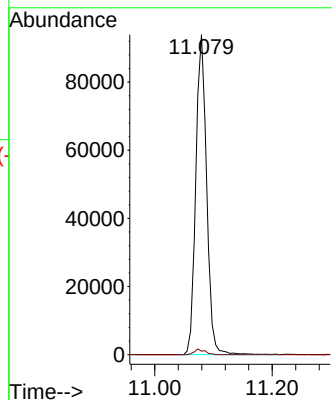
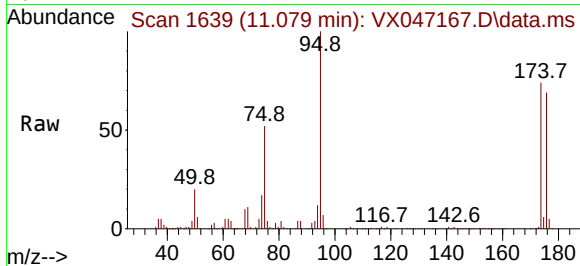




#76
1,2,3-Trichloropropane
Concen: 25.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

Tgt Ion: 75 Resp: 120239
Ion Ratio Lower Upper
75 100
77 1.7 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion: 75 Resp: 120239
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#

