

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
 Data File : VY021569.D
 Acq On : 19 Mar 2025 14:34
 Operator : SY/MD
 Sample : Q1598-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

Quant Time: Mar 20 01:30:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	47096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	62991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	51621	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	18044	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	13853	27.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	55.660%
35) Dibromofluoromethane	7.634	113	17821	43.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.080%
50) Toluene-d8	10.128	98	100102	63.852	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	127.700%
62) 4-Bromofluorobenzene	12.408	95	23264	43.625	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	706	1.159	ug/l #	74
5) Bromomethane	2.611	94	1067	2.217	ug/l #	68
11) Tert butyl alcohol	4.842	59	2250	51.642	ug/l #	72
13) Acrolein	3.641	56	225	8.887	ug/l #	10
15) Acrylonitrile	5.055	53	190	1.733	ug/l #	43
16) Acetone	3.860	43	60657	558.693	ug/l	90
18) Methyl Acetate	4.391	43	1044	4.334	ug/l #	77
25) 2-Butanone	6.896	43	17711201	117929.717	ug/l	96
28) Bromochloromethane	7.238	49	669	1.605	ug/l #	14
29) Tetrahydrofuran	7.238	42	5712	61.607	ug/l #	70
31) Cyclohexane	7.695	56	82769	88.783	ug/l	90
36) 1,1-Dichloropropene	7.713	75	3773	5.821	ug/l #	41
37) Ethyl Acetate	6.896	43	17711201	61827.878	ug/l #	68
38) Carbon Tetrachloride	7.713	117	4814	6.458	ug/l #	17
39) Methylcyclohexane	9.109	83	369605	464.918	ug/l	99
40) Benzene	8.079	78	52259	27.372	ug/l	93
41) Methacrylonitrile	7.238	41	26908	172.512	ug/l #	42
42) 1,2-Dichloroethane	8.158	62	7319	13.703	ug/l #	75
43) Isopropyl Acetate	8.183	43	13538	24.345	ug/l #	61
45) 1,2-Dichloropropane	9.109	63	4498	9.899	ug/l #	1
47) Bromodichloromethane	9.536	83	4582	6.824	ug/l #	49
48) Methyl methacrylate	9.170	41	10355	40.552	ug/l #	35
49) 1,4-Dioxane	9.225	88	151	60.848	ug/l #	22
51) 4-Methyl-2-Pentanone	10.188	43	784087	2732.733	ug/l #	36
53) t-1,3-Dichloropropene	10.237	75	764114	1291.727	ug/l #	1
54) cis-1,3-Dichloropropene	10.048	75	10999	15.661	ug/l #	1
55) 1,1,2-Trichloroethane	10.548	97	148616	449.365	ug/l #	19
56) Ethyl methacrylate	10.451	69	76185	180.622	ug/l #	47
59) 2-Hexanone	10.731	43	107580	567.042	ug/l #	29
60) Dibromochloromethane	11.140	129	641	1.414	ug/l	88
61) 1,2-Dibromoethane	11.018	107	934	2.992	ug/l #	1
64) Tetrachloroethene	10.646	164	610	1.453	ug/l #	57
65) Chlorobenzene	11.444	112	6932	5.687	ug/l	96
67) Ethyl Benzene	11.518	91	1393286	651.189	ug/l	100
68) m/p-Xylenes	11.627	106	1234207	1519.397	ug/l	97
69) o-Xylene	11.956	106	554295	740.396	ug/l	98

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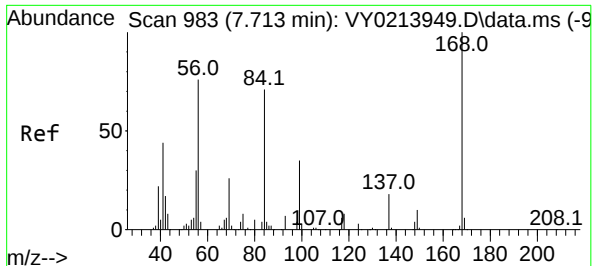
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
70) Styrene	11.963	104	68289	54.984	ug/l	#	1
73) Isopropylbenzene	12.255	105	196906	138.532	ug/l		99
74) N-amyl acetate	12.048	43	89537	290.059	ug/l	#	50
75) 1,1,2,2-Tetrachloroethane	12.566	83	26267	104.723	ug/l	#	28
76) 1,2,3-Trichloropropane	12.597	75	3116	17.137	ug/l	#	100
77) Bromobenzene	12.530	156	813	2.445	ug/l	#	14
78) n-propylbenzene	12.597	91	373542	216.393	ug/l		100
79) 2-Chlorotoluene	12.688	91	58311	59.076	ug/l	#	46
80) 1,3,5-Trimethylbenzene	12.737	105	502638	435.148	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.255	75	2721	34.020	ug/l	#	57
82) 4-Chlorotoluene	12.737	91	55668	54.464	ug/l	#	46
83) tert-Butylbenzene	13.042	119	204822	198.769	ug/l	#	65
84) 1,2,4-Trimethylbenzene	13.042	105	1659084	1446.620	ug/l		100
85) sec-Butylbenzene	13.176	105	127088	82.893	ug/l		84
86) p-Isopropyltoluene	13.292	119	98989	78.370	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	2267	3.425	ug/l	#	1
88) 1,4-Dichlorobenzene	13.365	146	2226	3.439	ug/l	#	1
89) n-Butylbenzene	13.615	91	126351	108.331	ug/l	#	78
90) Hexachloroethane	13.889	117	41848	155.304	ug/l	#	13
91) 1,2-Dichlorobenzene	13.657	146	1881	3.316	ug/l	#	69
92) 1,2-Dibromo-3-Chloropr...	14.298	75	1208	32.151	ug/l	#	25
93) 1,2,4-Trichlorobenzene	14.919	180	3642	11.753	ug/l	#	1
94) Hexachlorobutadiene	15.029	225	374	1.925	ug/l	#	71
95) Naphthalene	15.145	128	1826255	1106.254	ug/l		100
96) 1,2,3-Trichlorobenzene	15.340	180	3116	11.956	ug/l	#	1

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

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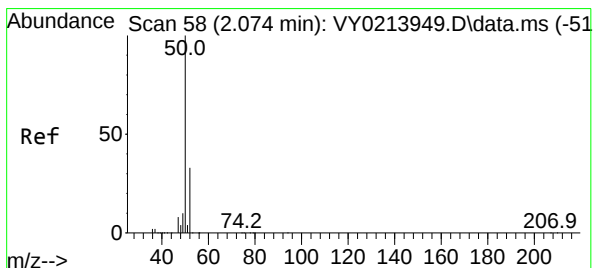
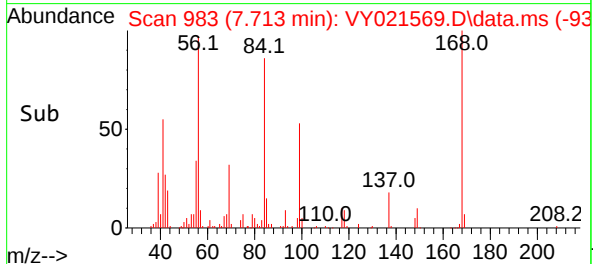
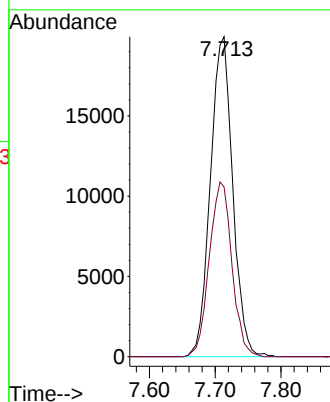
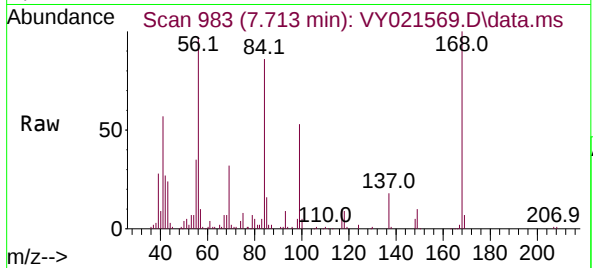




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021569.D
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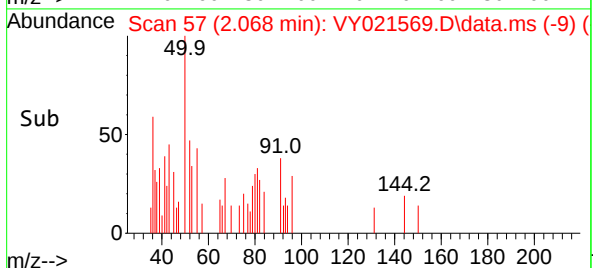
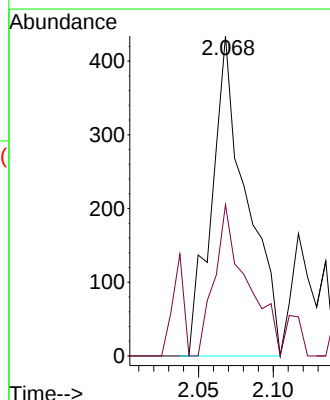
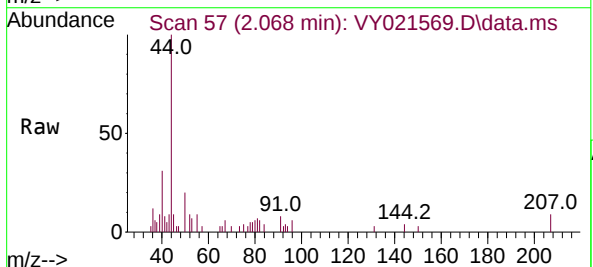
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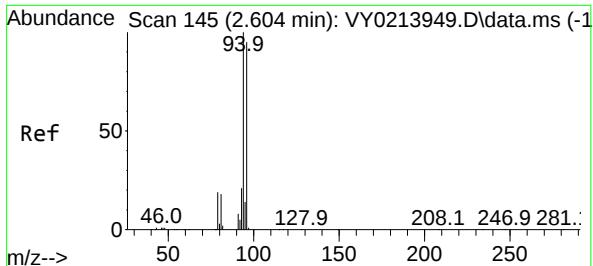
Tgt Ion:168 Resp: 47096
Ion Ratio Lower Upper
168 100
99 53.0 46.0 69.0



#3
Chloromethane
Concen: 1.159 ug/l
RT: 2.068 min Scan# 57
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 50 Resp: 706
Ion Ratio Lower Upper
50 100
52 47.2 26.2 39.2#

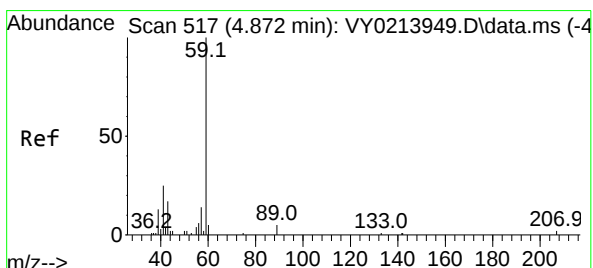
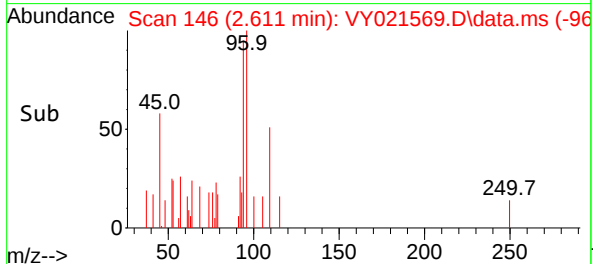
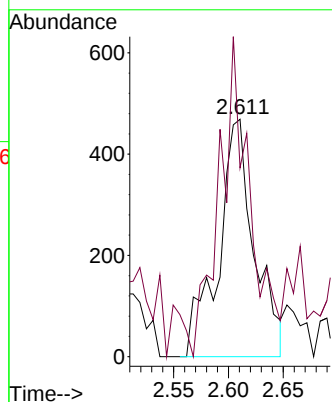
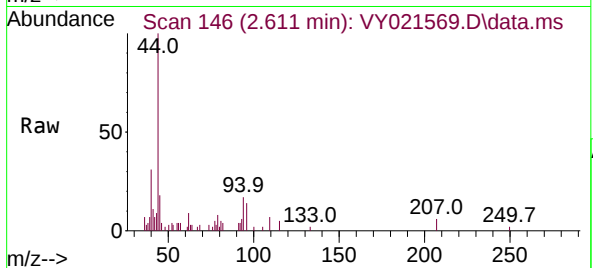




#5
Bromomethane
Concen: 2.217 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

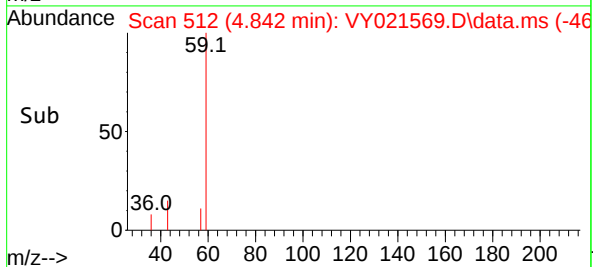
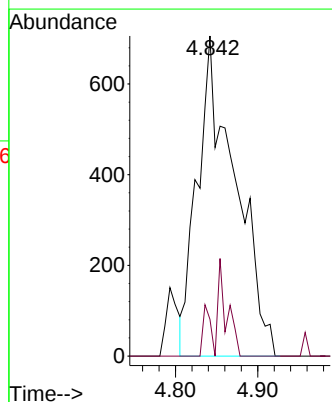
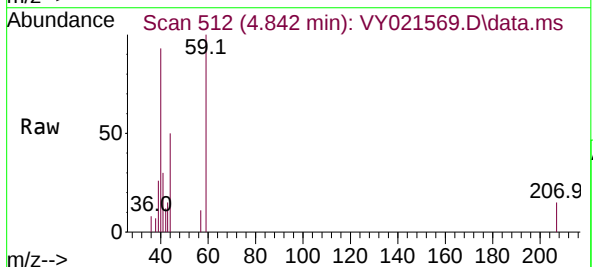
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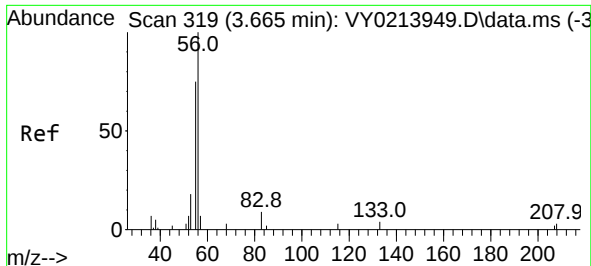
Tgt Ion: 94 Resp: 1067
Ion Ratio Lower Upper
94 100
96 64.4 76.3 114.5#



#11
Tert butyl alcohol
Concen: 51.642 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 59 Resp: 2250
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

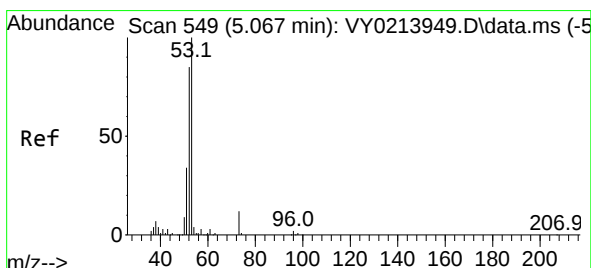
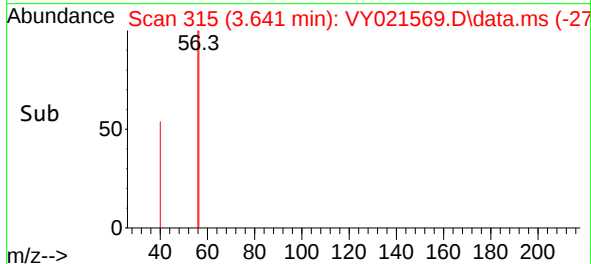
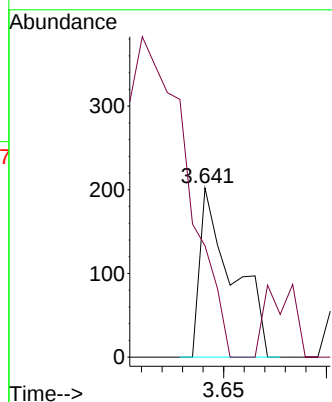
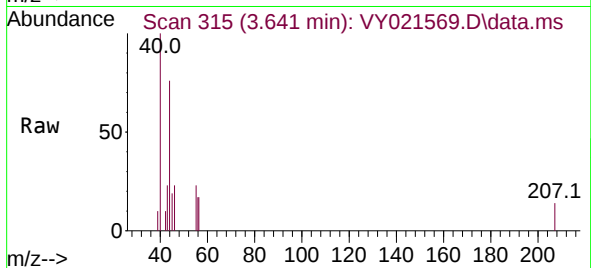




#13
Acrolein
Concen: 8.887 ug/l
RT: 3.641 min Scan# 315
Delta R.T. -0.024 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

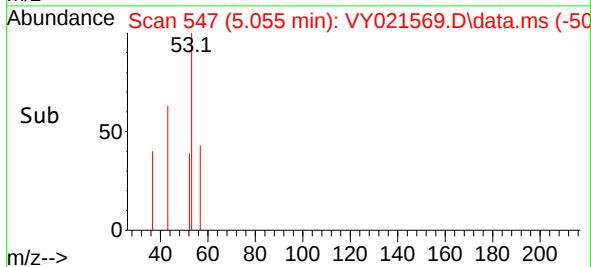
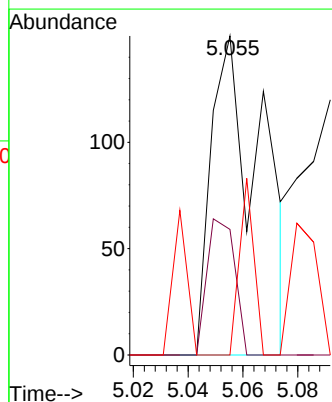
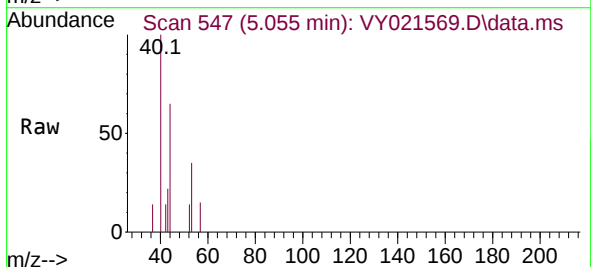
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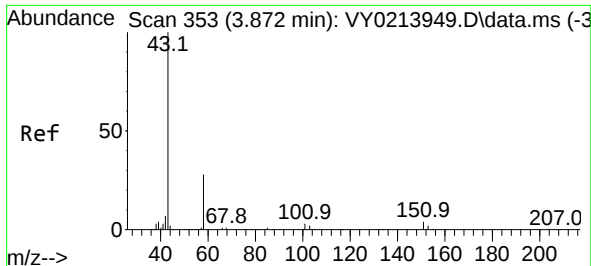
Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 0.0 63.4 95.2#



#15
Acrylonitrile
Concen: 1.733 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.012 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 53 Resp: 190
Ion Ratio Lower Upper
53 100
52 23.7 66.3 99.5#
51 15.8 30.3 45.5#

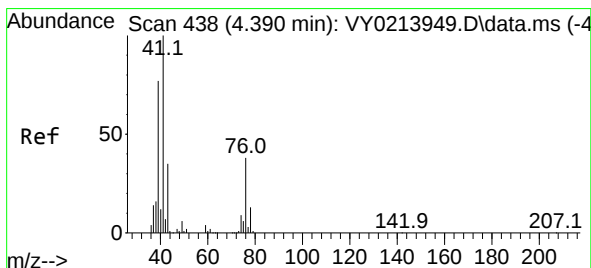
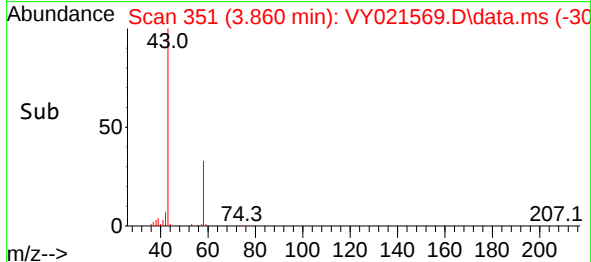
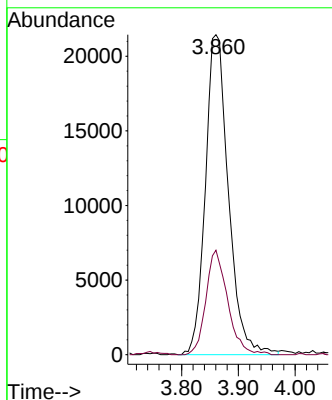
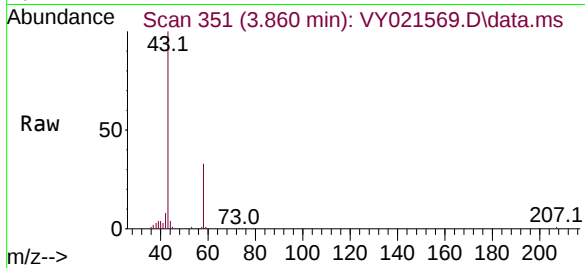




#16
Acetone
Concen: 558.693 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

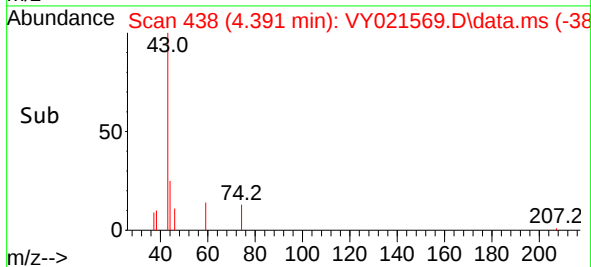
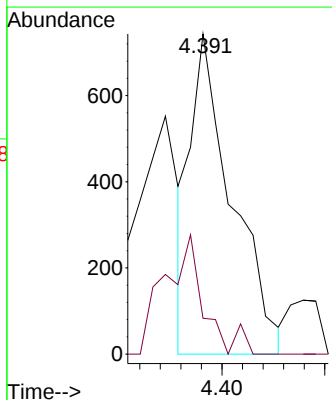
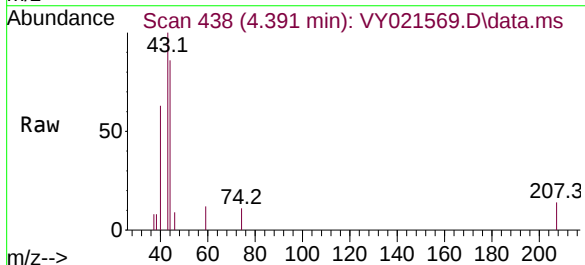
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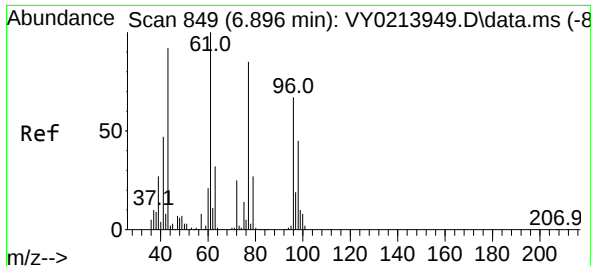
Tgt Ion: 43 Resp: 60657
Ion Ratio Lower Upper
43 100
58 32.7 22.1 33.1



#18
Methyl Acetate
Concen: 4.334 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
74 35.4 19.4 29.0#

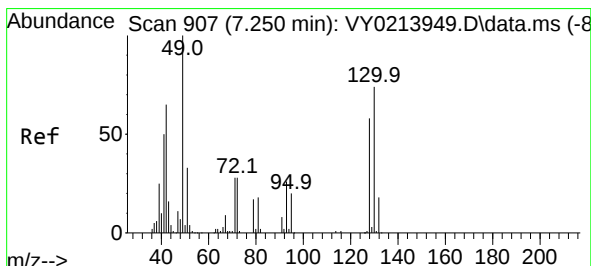
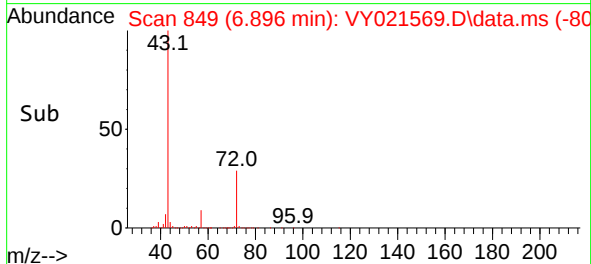
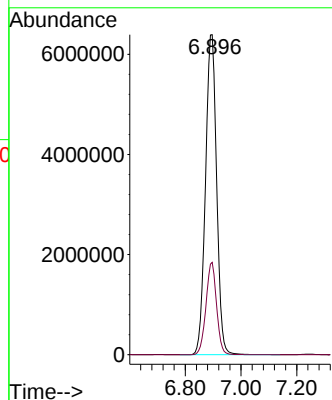
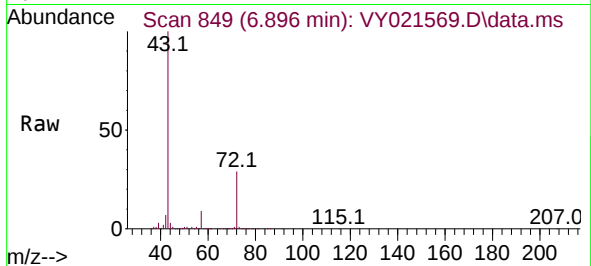




#25
2-Butanone
Concen: 117929.717 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

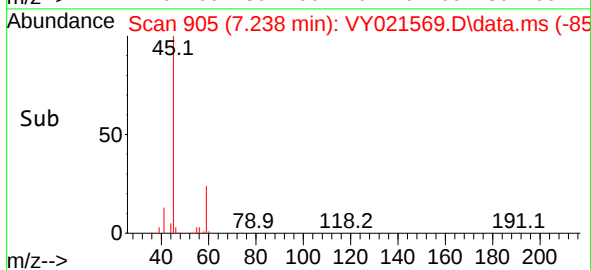
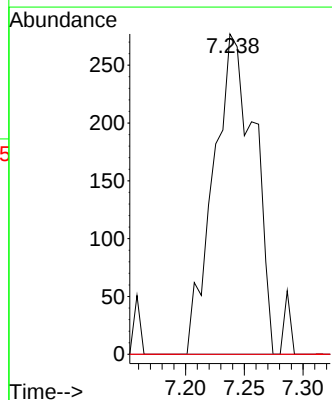
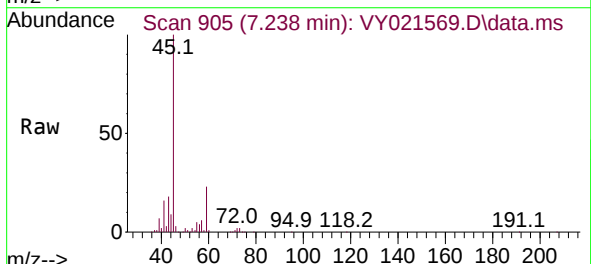
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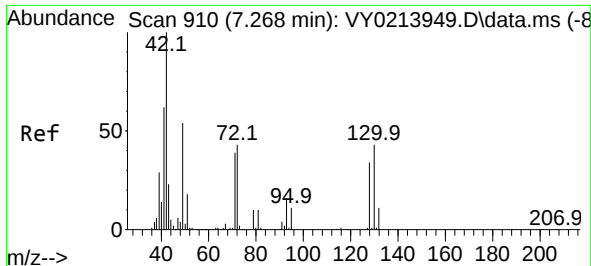
Tgt Ion: 43 Resp:17711201
Ion Ratio Lower Upper
43 100
72 28.9 21.4 32.0



#28
Bromochloromethane
Concen: 1.605 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 49 Resp: 669
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 59.6 89.4#





#29

Tetrahydrofuran

Concen: 61.607 ug/l

RT: 7.238 min Scan# 90

Delta R.T. -0.030 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

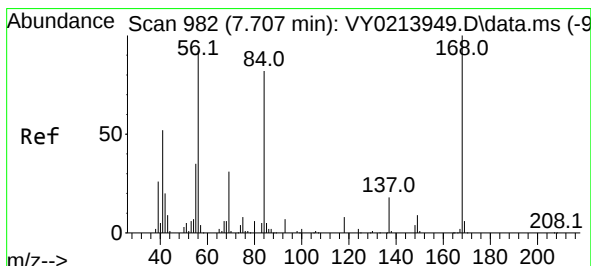
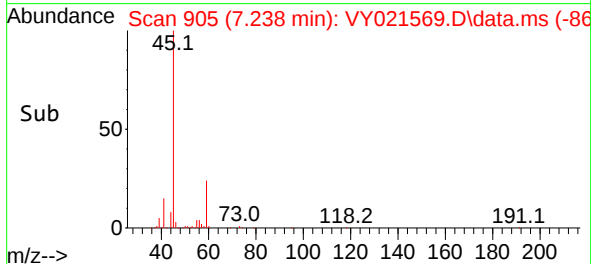
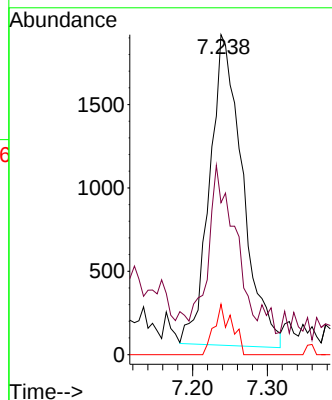
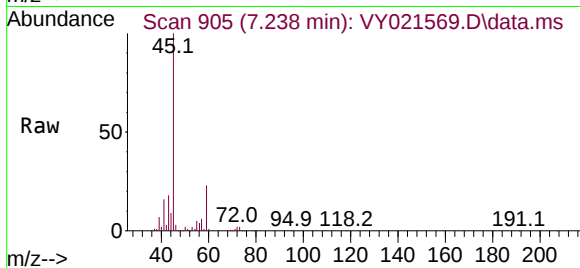
Instrument :

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ClientSampleId :

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Tgt Ion:	42	Resp:	5712
Ion Ratio	Lower	Upper	
42	100		
72	36.8	34.8	52.2
71	8.8	32.6	48.8



#31

Cyclohexane

Concen: 88.783 ug/l

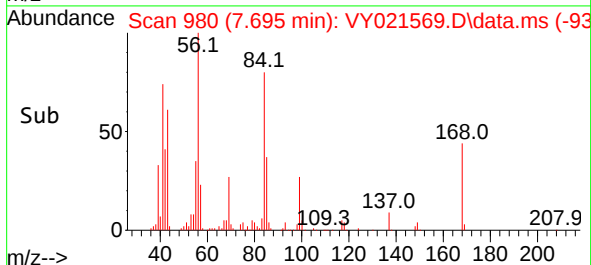
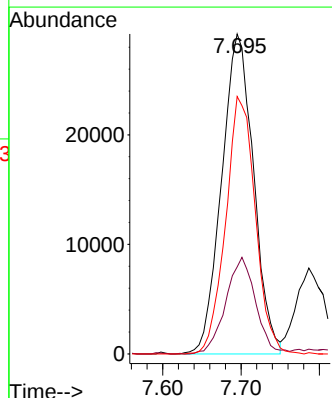
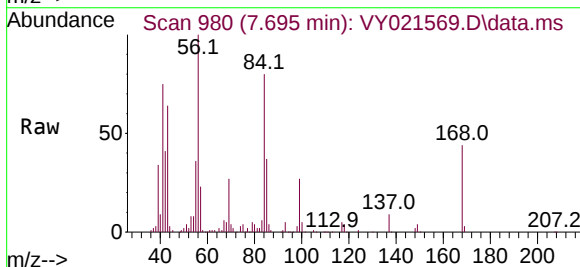
RT: 7.695 min Scan# 980

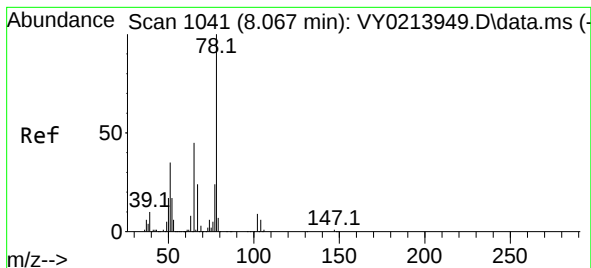
Delta R.T. -0.012 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

Tgt Ion:	56	Resp:	82769
Ion Ratio	Lower	Upper	
56	100		
69	27.0	27.0	40.4
84	80.4	71.1	106.7





#33

1,2-Dichloroethane-d4

Concen: 27.830 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

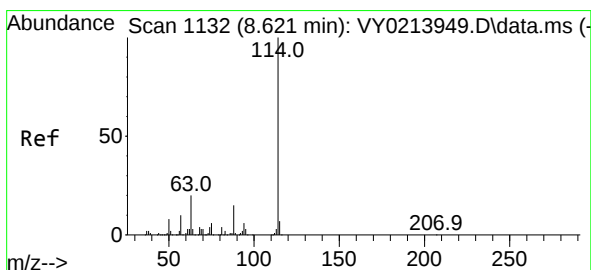
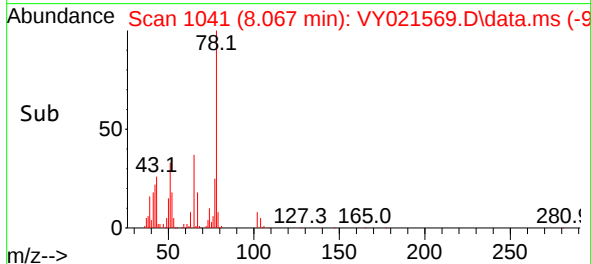
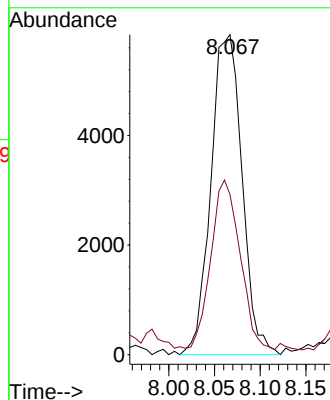
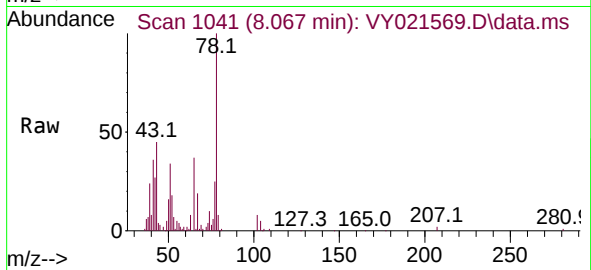
ETGI-354

Tgt Ion: 65 Resp: 13853

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

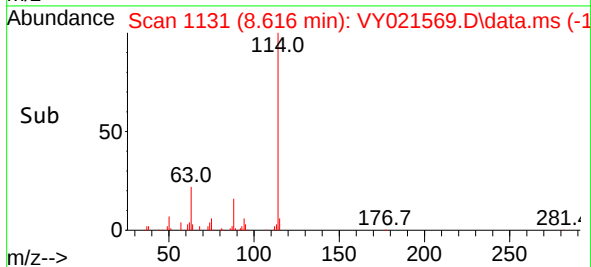
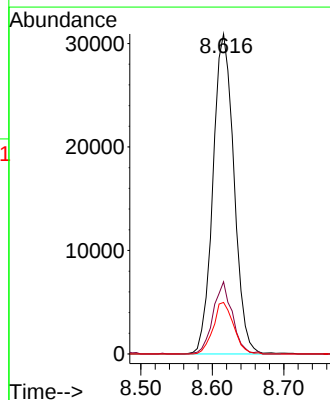
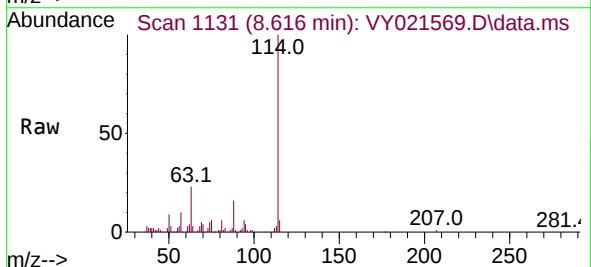
Tgt Ion:114 Resp: 62991

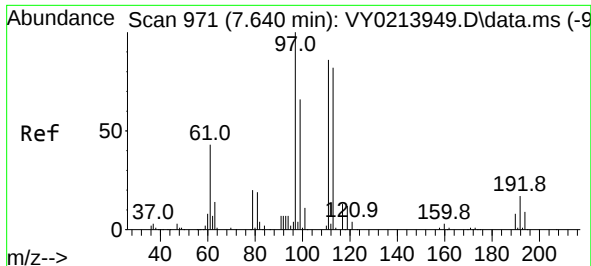
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.8

88 16.1 0.0 30.8

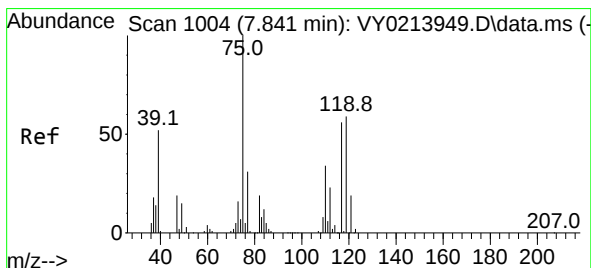
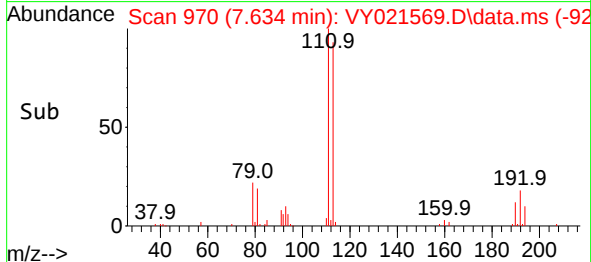
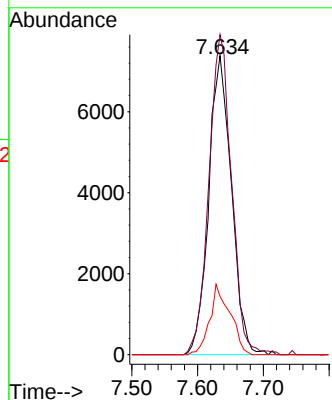
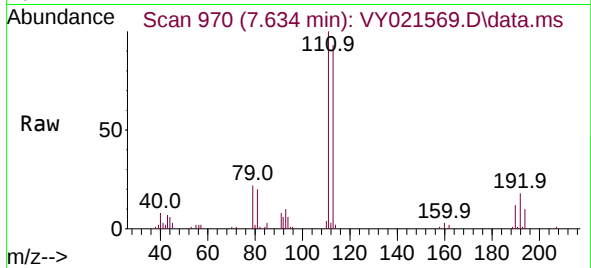




#35
Dibromofluoromethane
Concen: 43.041 ug/l
RT: 7.634 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

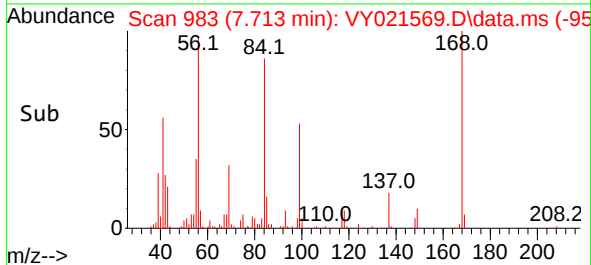
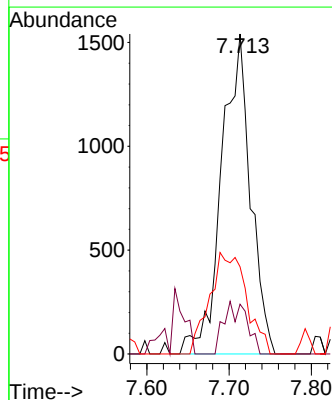
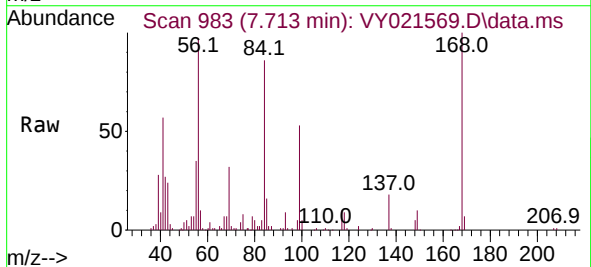
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

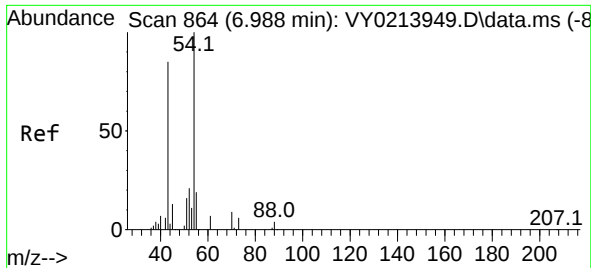
Tgt Ion:113 Resp: 17821
Ion Ratio Lower Upper
113 100
111 106.6 82.0 123.0
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.821 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 75 Resp: 3773
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.7#
77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 61827.878 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.091 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

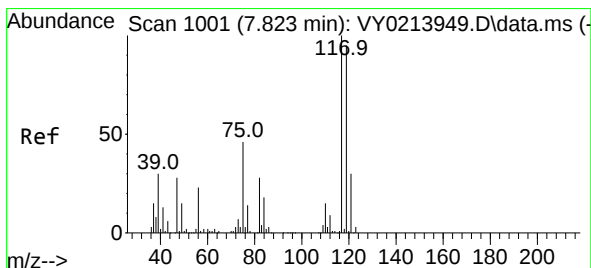
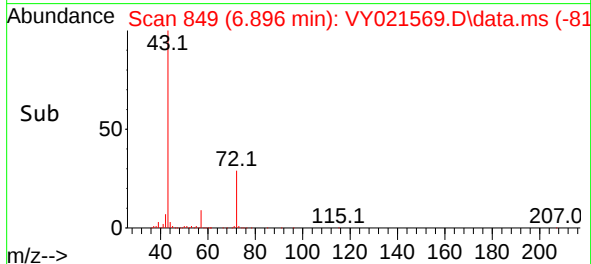
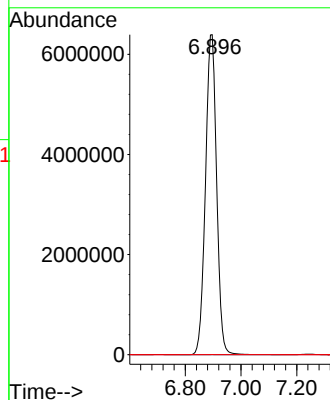
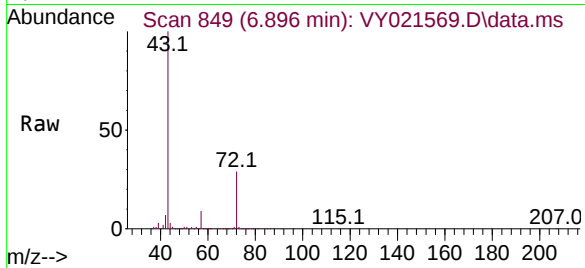
Tgt Ion: 43 Resp:17711201

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 8.2 12.2#



#38

Carbon Tetrachloride

Concen: 6.458 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.109 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

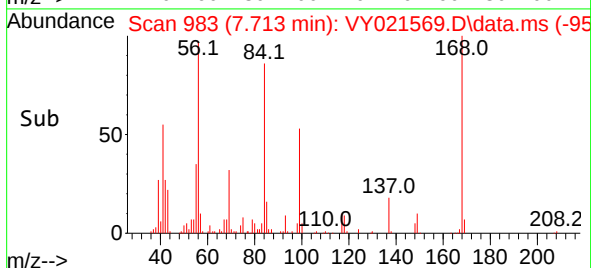
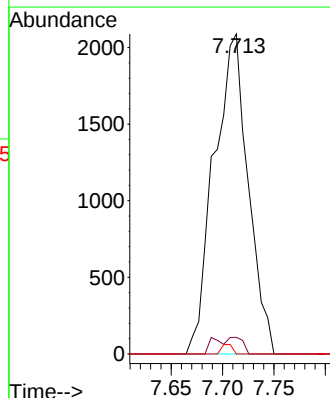
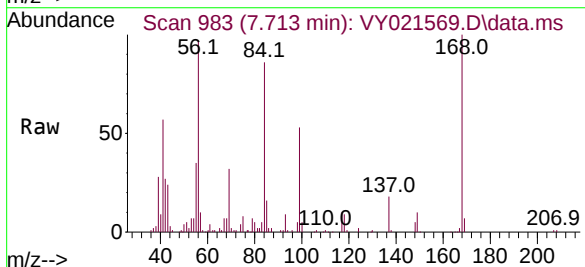
Tgt Ion:117 Resp: 4814

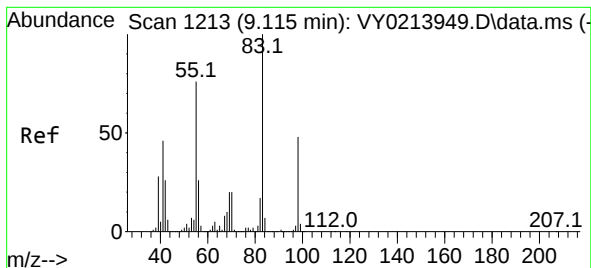
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 23.9 35.9#

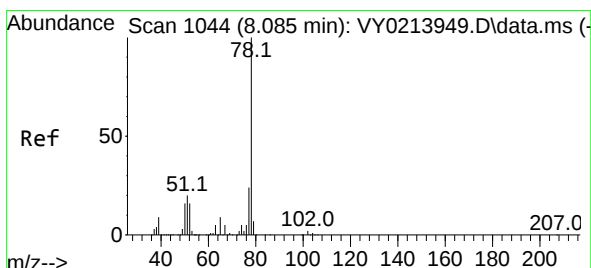
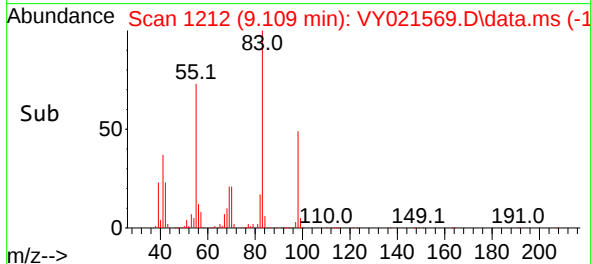
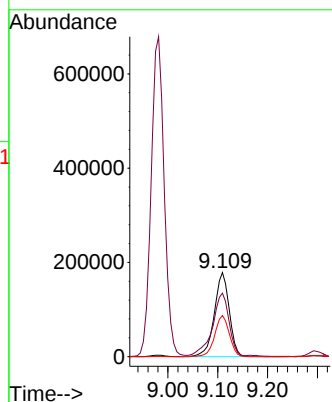
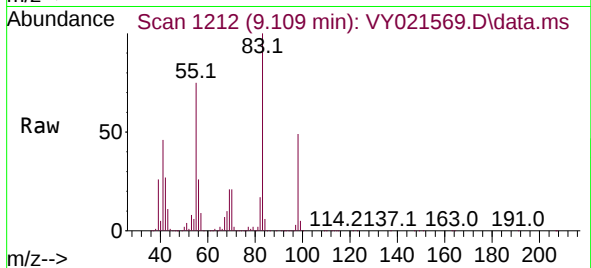




#39
Methylcyclohexane
Concen: 464.918 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

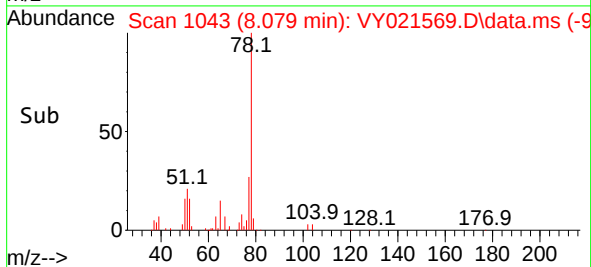
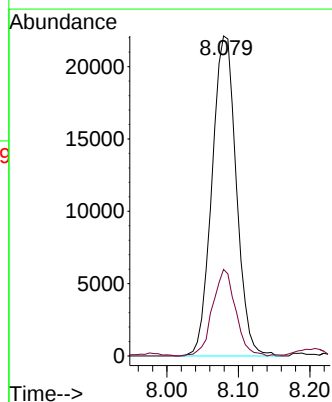
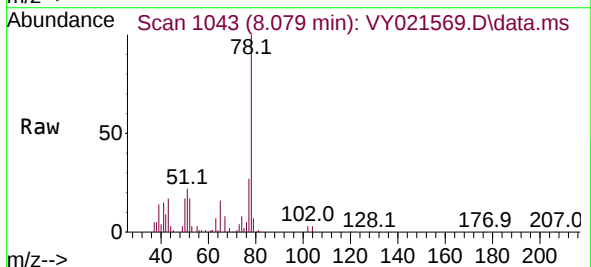
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

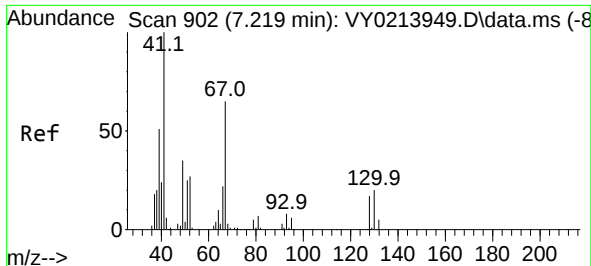
Tgt Ion: 83 Resp: 369605
Ion Ratio Lower Upper
83 100
55 75.1 60.7 91.1
98 48.9 38.6 57.8



#40
Benzene
Concen: 27.372 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 78 Resp: 52259
Ion Ratio Lower Upper
78 100
77 27.0 19.0 28.4

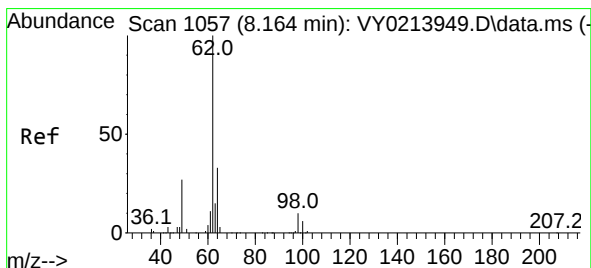
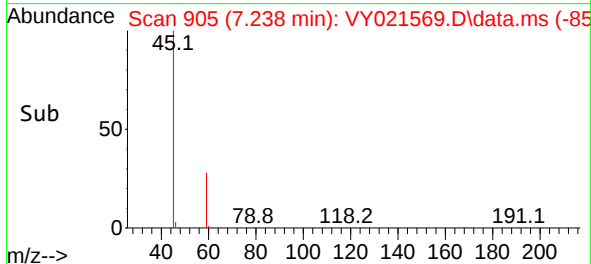
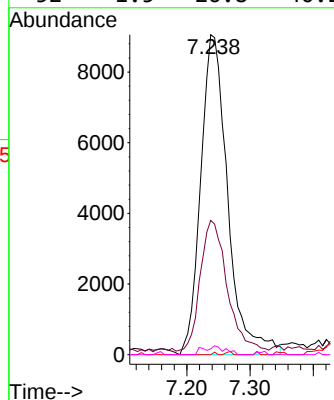
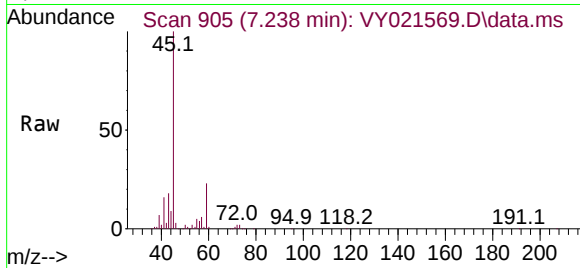




#41
Methacrylonitrile
Concen: 172.512 ug/l
RT: 7.238 min Scan# 902
Delta R.T. 0.019 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

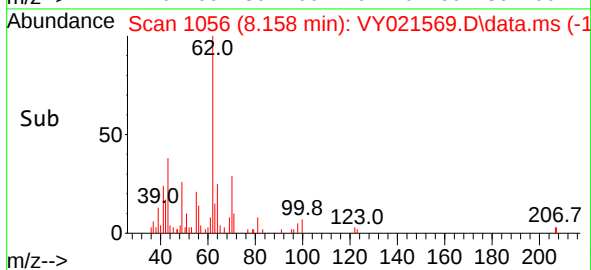
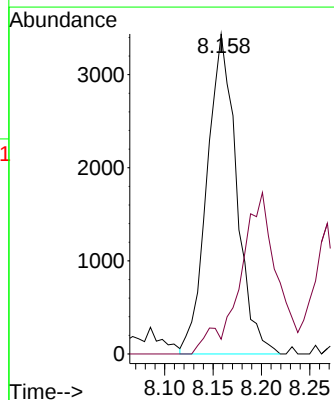
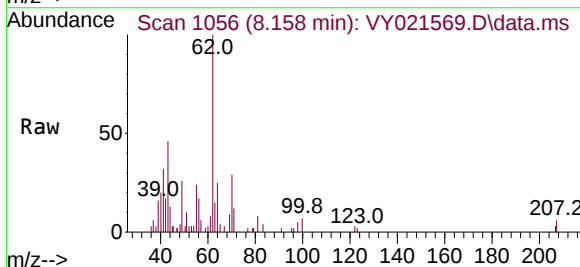
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

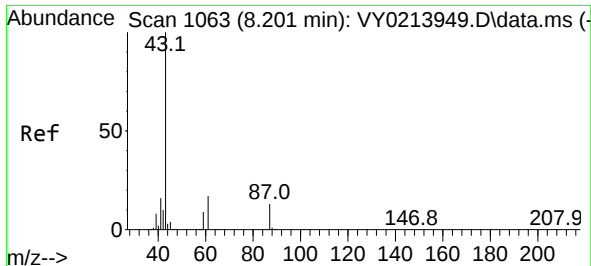
Tgt Ion:	41	Resp:	26908
Ion	Ratio	Lower	Upper
41	100		
39	40.4	35.0	52.6
67	0.0	61.2	91.8#
52	1.5	26.8	40.2#



#42
1,2-Dichloroethane
Concen: 13.703 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion:	62	Resp:	7319
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.2

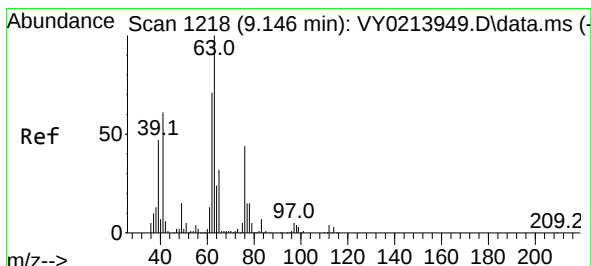
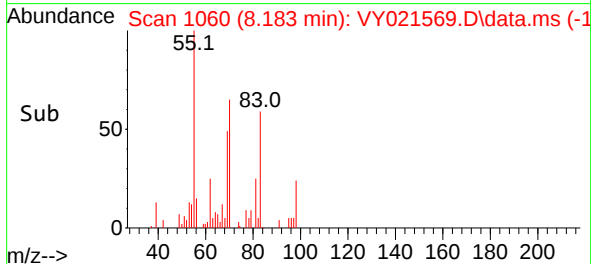
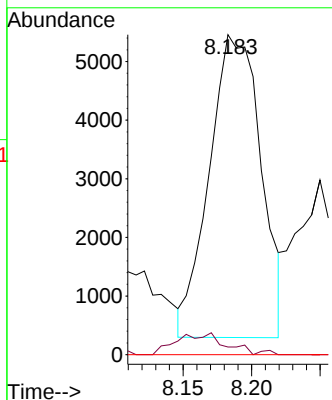
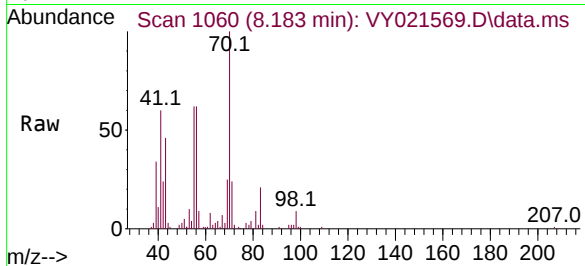




#43
Isopropyl Acetate
Concen: 24.345 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. -0.018 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

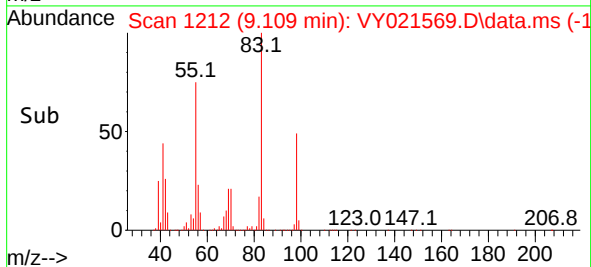
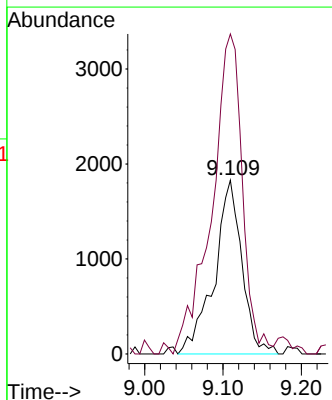
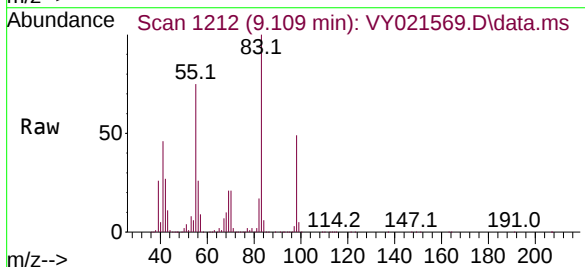
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

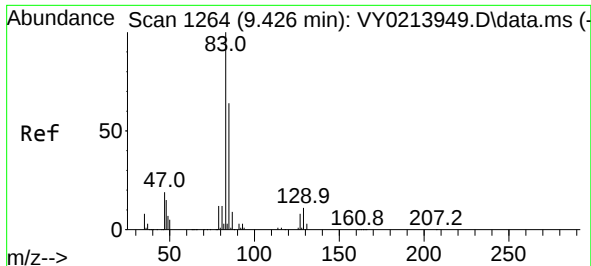
Tgt Ion: 43 Resp: 13538
Ion Ratio Lower Upper
43 100
61 6.9 23.4 35.0#
87 0.0 10.5 15.7#



#45
1,2-Dichloropropane
Concen: 9.899 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.036 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 63 Resp: 4498
Ion Ratio Lower Upper
63 100
65 175.9 26.0 39.0#

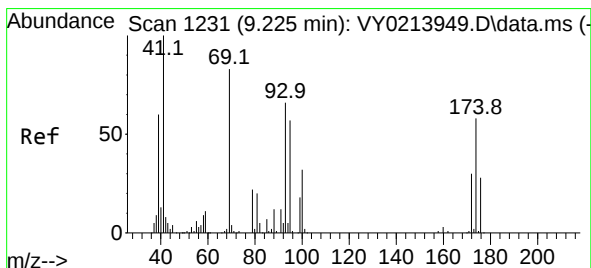
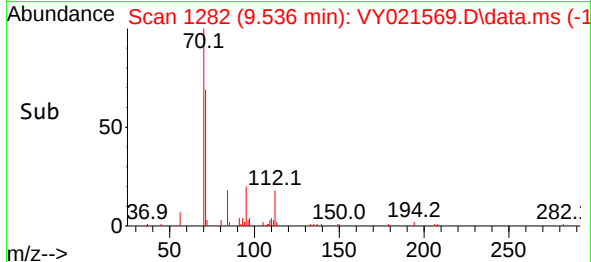
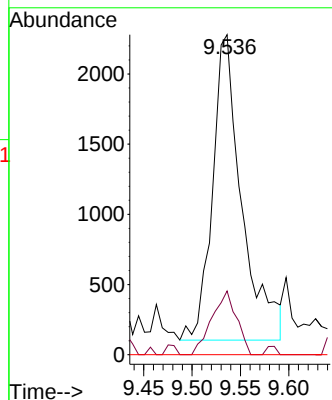
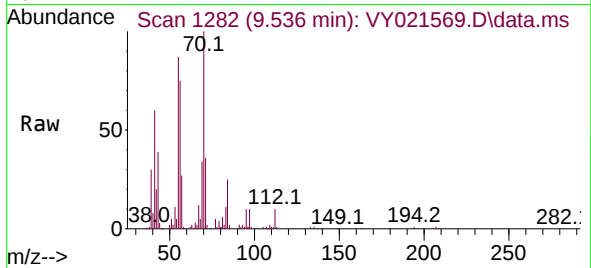




#47
Bromodichloromethane
Concen: 6.824 ug/l
RT: 9.536 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

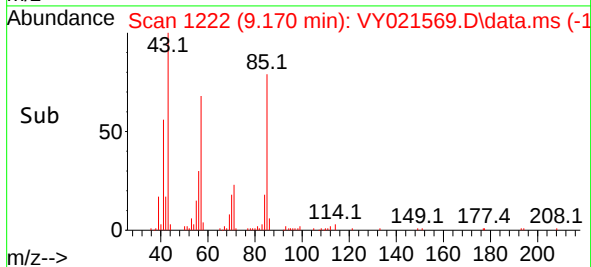
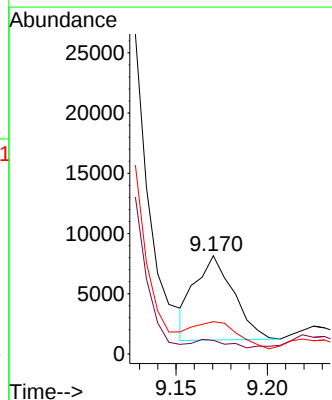
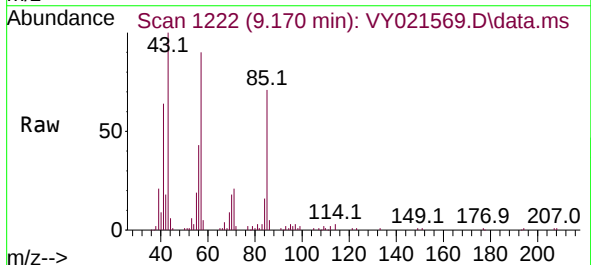
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

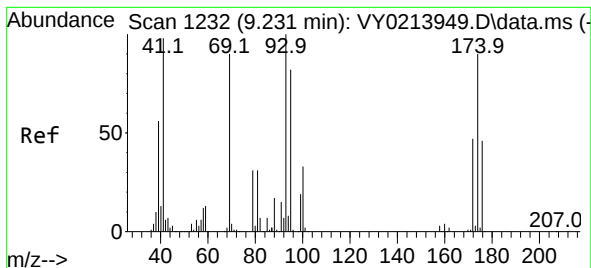
Tgt Ion: 83 Resp: 4582
Ion Ratio Lower Upper
83 100
85 20.9 51.1 76.7#
127 0.0 6.7 10.1#



#48
Methyl methacrylate
Concen: 40.552 ug/l
RT: 9.170 min Scan# 1222
Delta R.T. -0.055 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 41 Resp: 10355
Ion Ratio Lower Upper
41 100
69 0.0 67.8 101.8#
39 41.0 46.4 69.6#





#49

1,4-Dioxane

Concen: 60.848 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

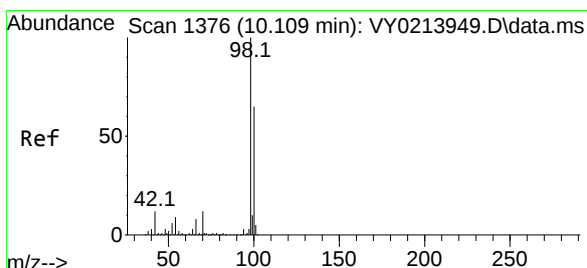
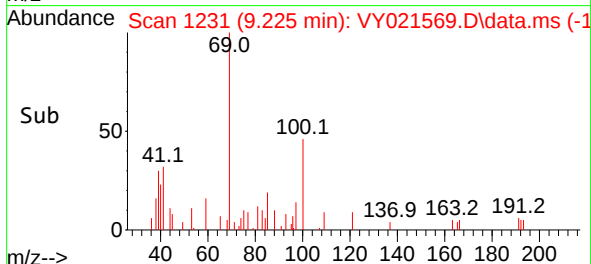
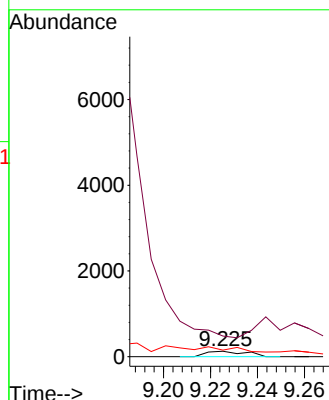
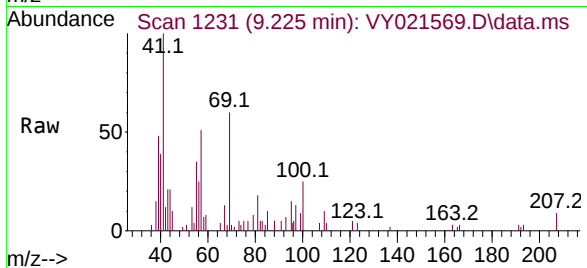
Tgt Ion: 88 Resp: 151

Ion Ratio Lower Upper

88 100

43 0.0 25.0 37.4#

58 0.0 58.4 87.6#



#50

Toluene-d8

Concen: 63.852 ug/l

RT: 10.128 min Scan# 1379

Delta R.T. 0.019 min

Lab File: VY021569.D

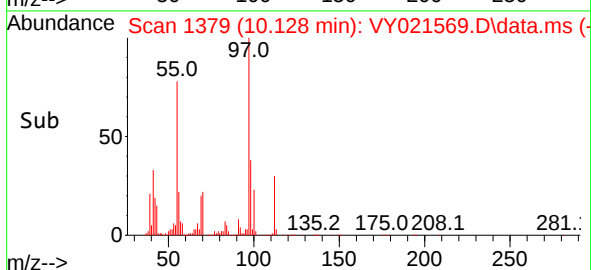
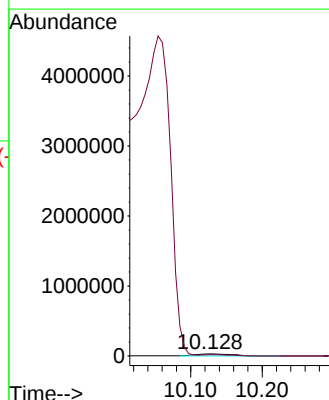
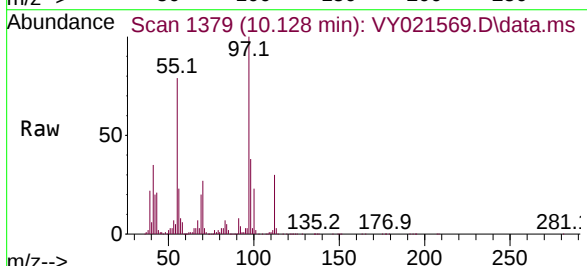
Acq: 19 Mar 2025 14:34

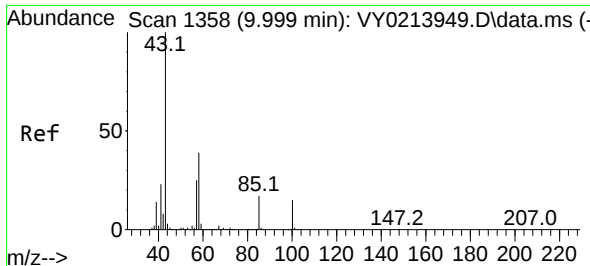
Tgt Ion: 98 Resp: 100102

Ion Ratio Lower Upper

98 100

100 0.0 52.1 78.1#

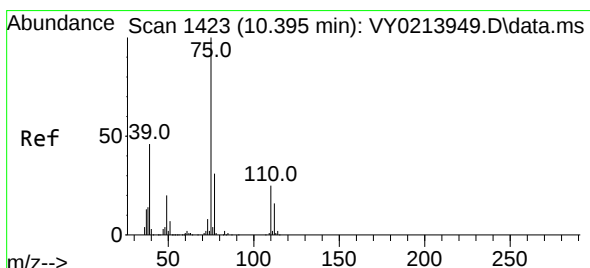
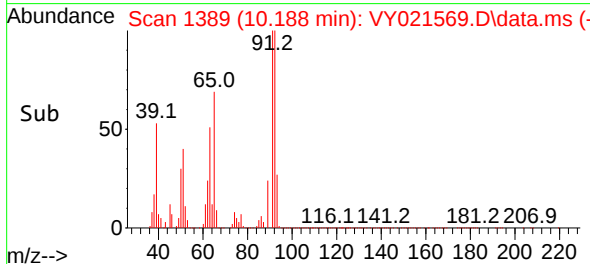
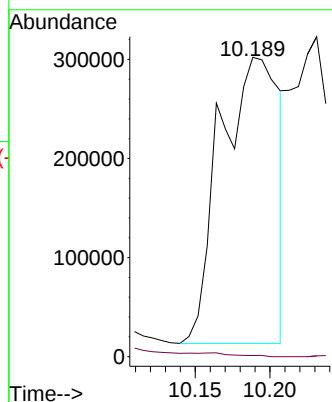
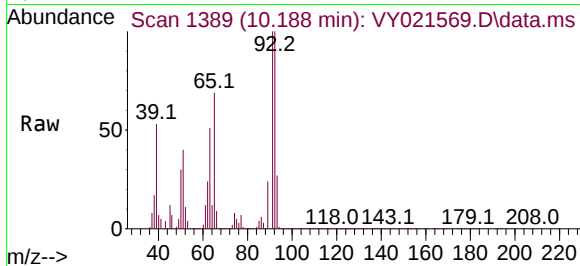




#51
4-Methyl-2-Pentanone
Concen: 2732.733 ug/l
RT: 10.188 min Scan# 1389
Delta R.T. 0.189 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

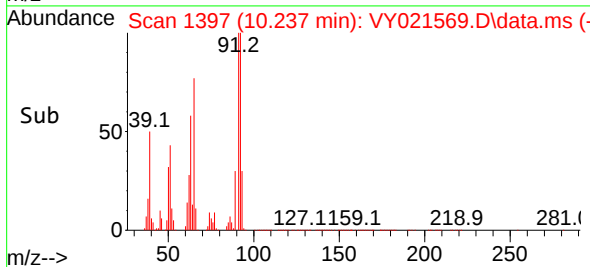
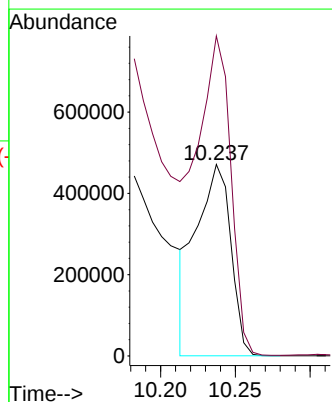
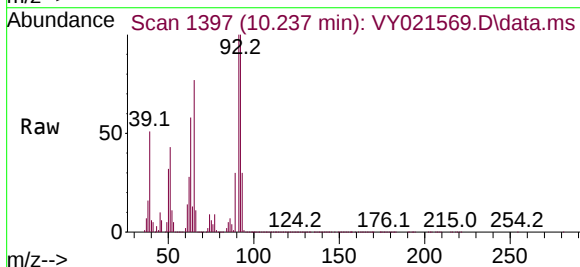
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

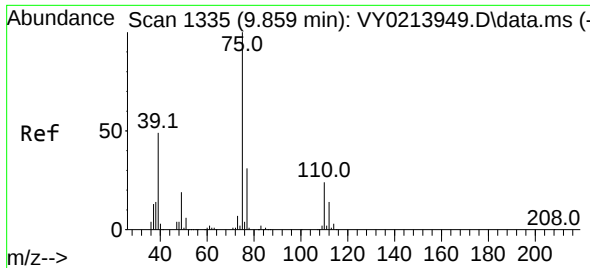
Tgt Ion: 43 Resp: 784087
Ion Ratio Lower Upper
43 100
58 0.0 31.4 47.2#



#53
t-1,3-Dichloropropene
Concen: 1291.727 ug/l
RT: 10.237 min Scan# 1397
Delta R.T. -0.158 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 75 Resp: 764114
Ion Ratio Lower Upper
75 100
77 166.9 25.0 37.6#

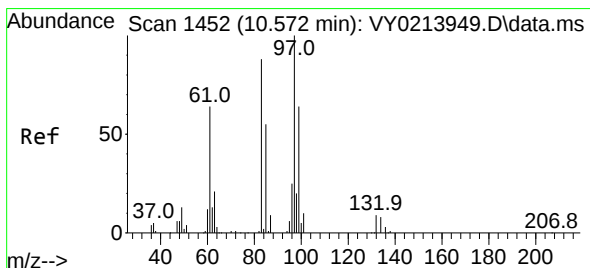
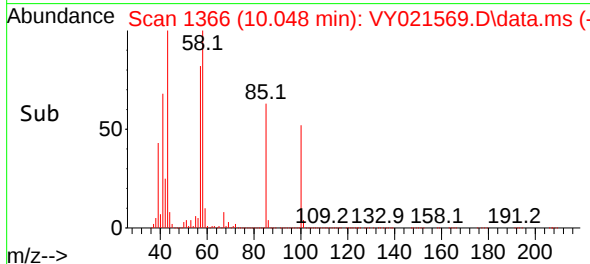
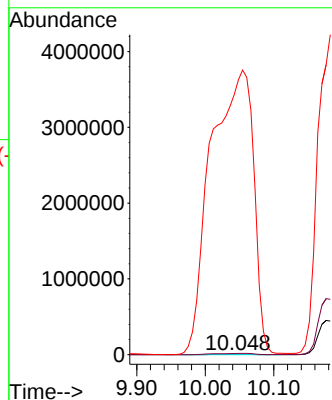
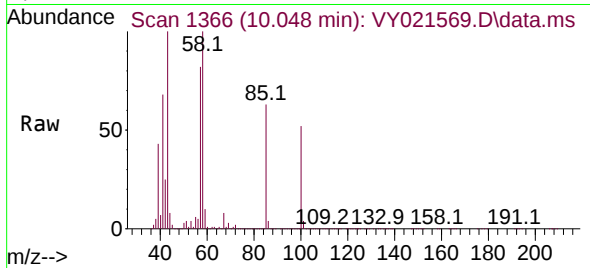




#54
 cis-1,3-Dichloropropene
 Concen: 15.661 ug/l
 RT: 10.048 min Scan# 11
 Delta R.T. 0.189 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

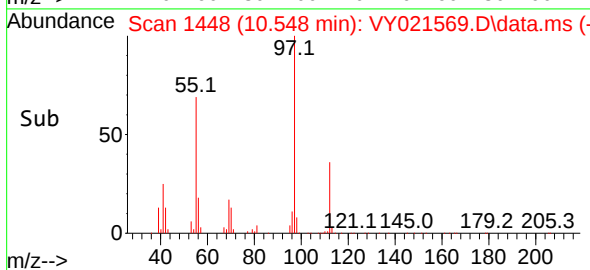
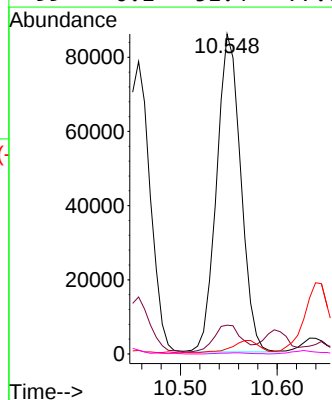
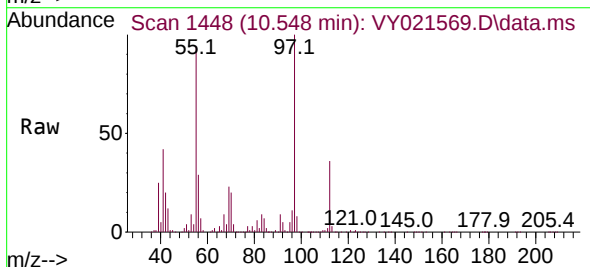
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

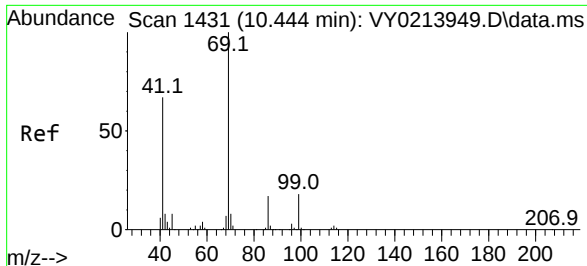
Tgt Ion: 75 Resp: 10999
 Ion Ratio Lower Upper
 75 100
 77 633.3 24.6 37.0#
 39 134743.0 39.4 59.2#



#55
 1,1,2-Trichloroethane
 Concen: 449.365 ug/l
 RT: 10.548 min Scan# 1448
 Delta R.T. -0.024 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

Tgt Ion: 97 Resp: 148616
 Ion Ratio Lower Upper
 97 100
 83 8.1 70.0 105.0#
 85 1.3 44.3 66.5#
 99 0.1 51.4 77.0#

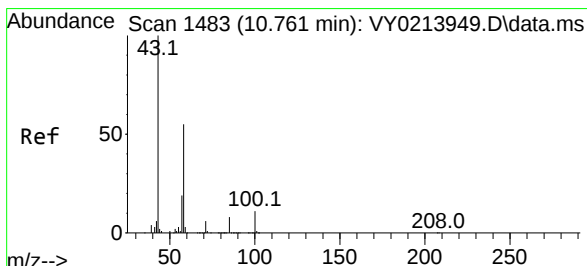
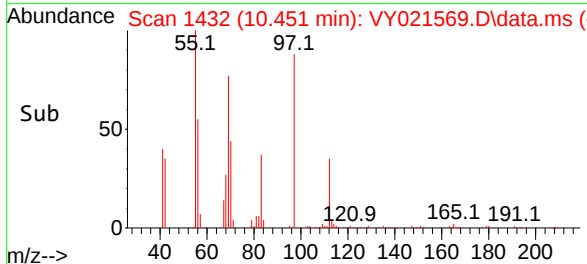
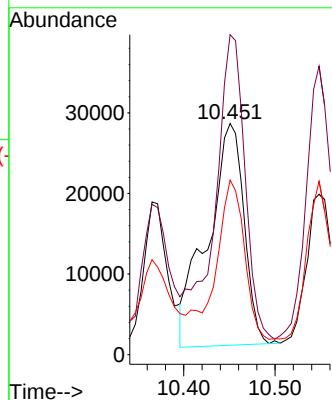
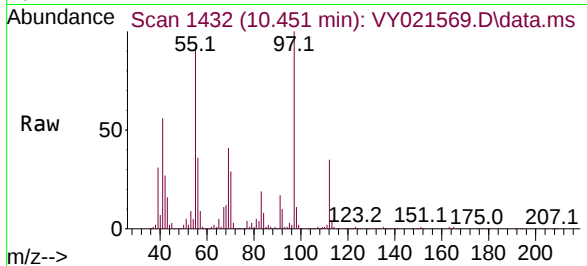




#56
Ethyl methacrylate
Concen: 180.622 ug/l
RT: 10.451 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

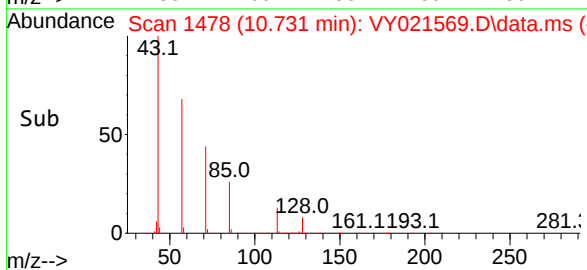
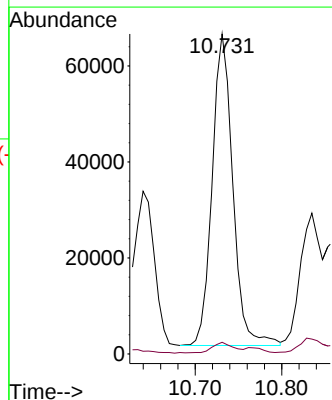
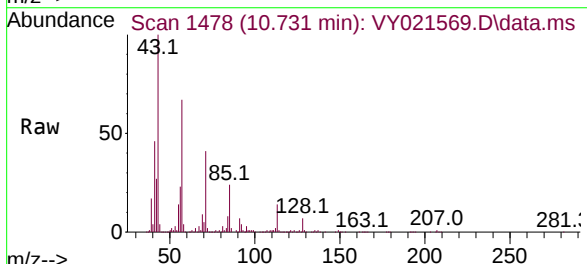
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

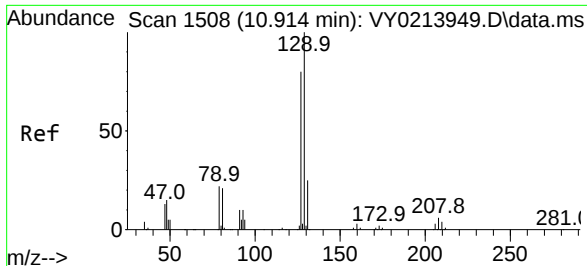
Tgt Ion: 69 Resp: 76185
Ion Ratio Lower Upper
69 100
41 103.6 53.3 79.9#
39 0.0 31.0 46.6#



#59
2-Hexanone
Concen: 567.042 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 43 Resp: 107580
Ion Ratio Lower Upper
43 100
58 3.7 27.3 81.8#

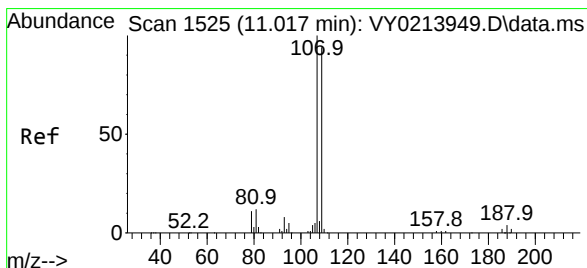
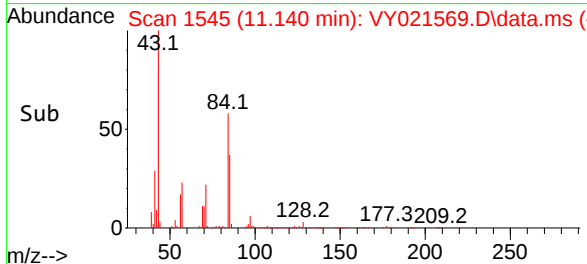
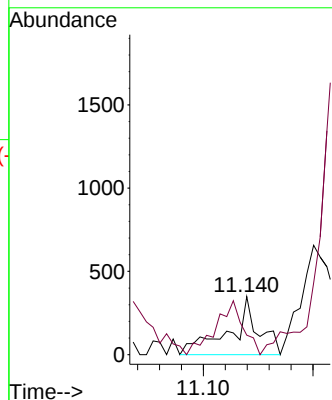
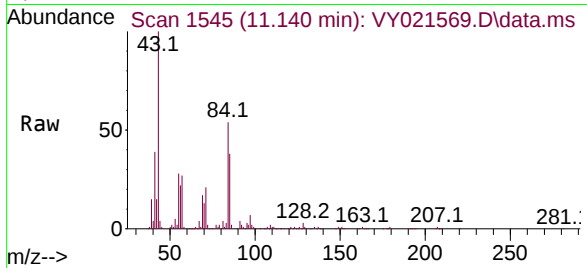




#60
 Dibromochloromethane
 Concen: 1.414 ug/l
 RT: 11.140 min Scan# 1545
 Delta R.T. 0.226 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

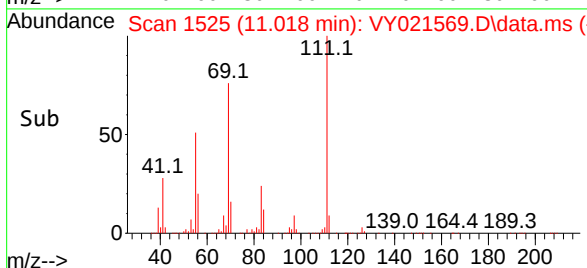
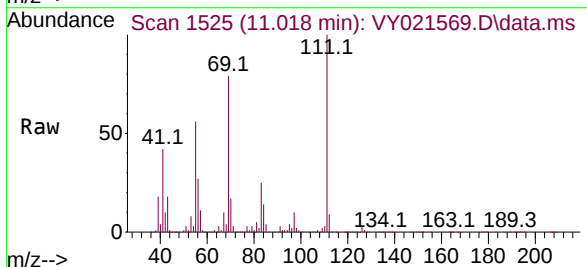
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

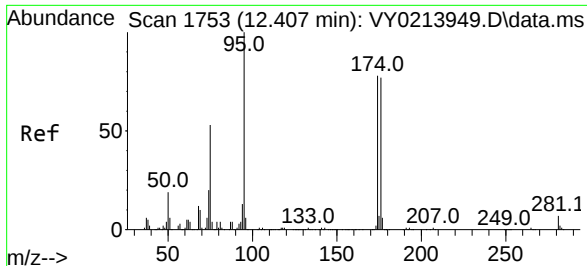
Tgt Ion:129 Resp: 641
 Ion Ratio Lower Upper
 129 100
 127 88.9 39.1 117.3



#61
 1,2-Dibromoethane
 Concen: 2.992 ug/l
 RT: 11.018 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

Tgt Ion:107 Resp: 934
 Ion Ratio Lower Upper
 107 100
 109 293.7 75.8 113.8#

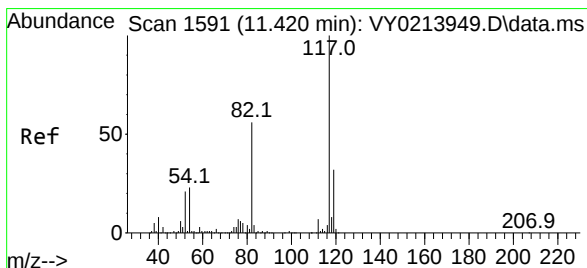
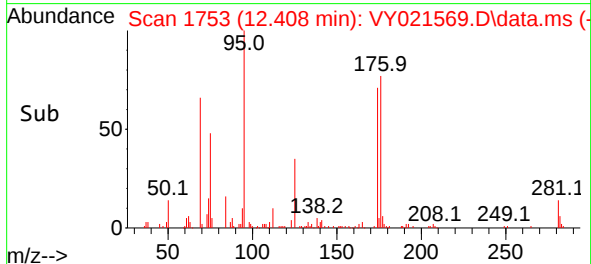
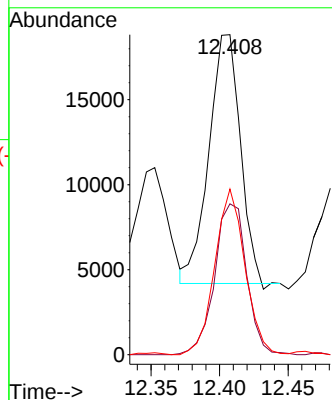
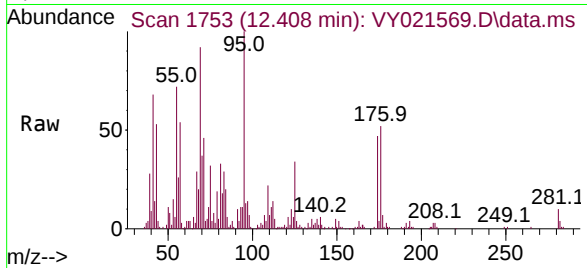




#62
4-Bromofluorobenzene
Concen: 43.625 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

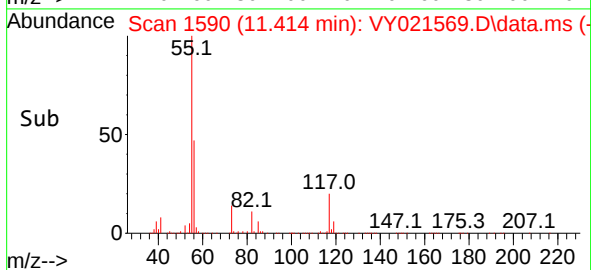
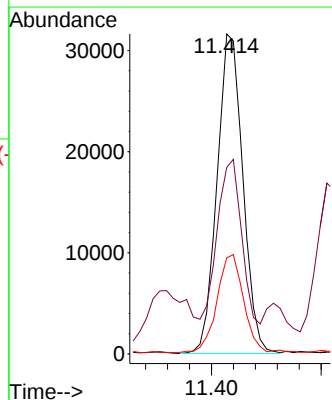
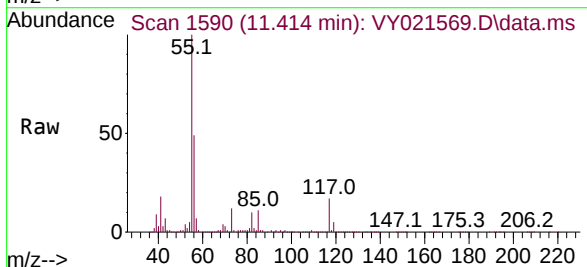
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

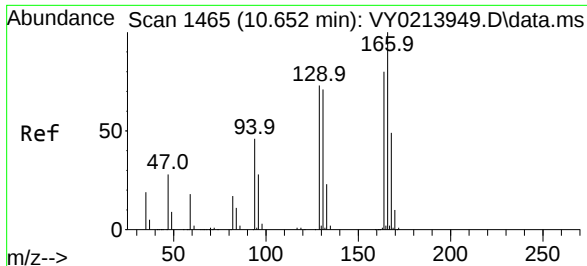
Tgt Ion: 95 Resp: 23264
Ion Ratio Lower Upper
95 100
174 62.1 0.0 165.0
176 64.0 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

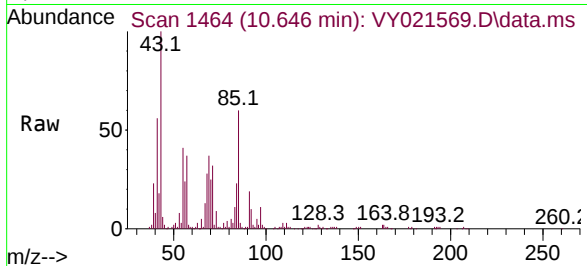
Tgt Ion: 117 Resp: 51621
Ion Ratio Lower Upper
117 100
82 44.2 44.6 67.0#
119 29.6 25.4 38.0



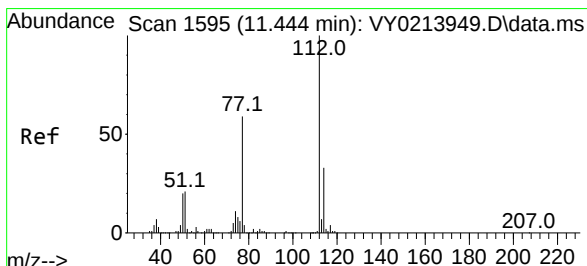
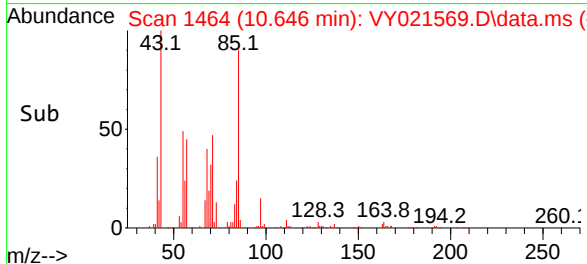
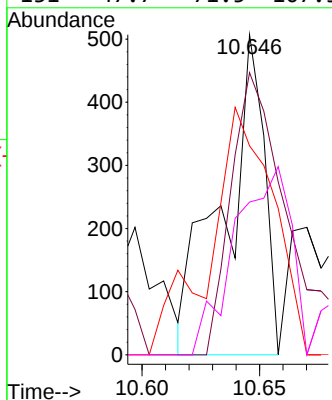


#64
Tetrachloroethene
Concen: 1.453 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

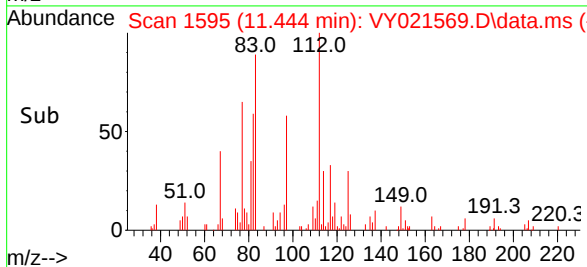
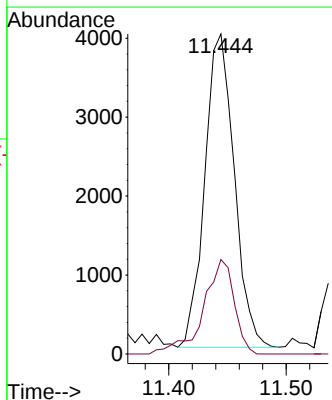
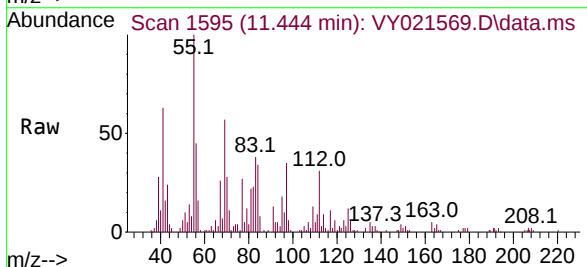


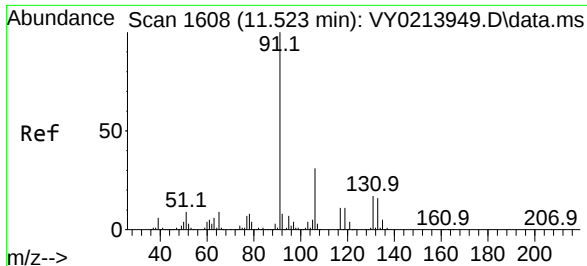
Tgt Ion:164 Resp: 610
Ion Ratio Lower Upper
164 100
166 88.2 100.4 150.6#
129 38.9 73.8 110.8#
131 47.7 71.5 107.3#



#65
Chlorobenzene
Concen: 5.687 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion:112 Resp: 6932
Ion Ratio Lower Upper
112 100
114 30.1 26.1 39.1





#67

Ethyl Benzene

Concen: 651.189 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

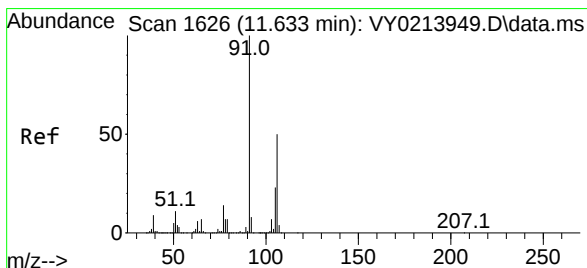
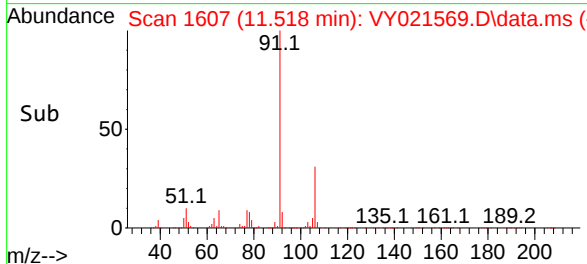
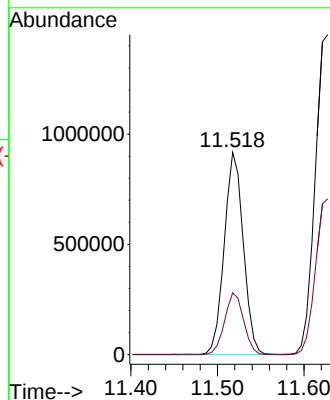
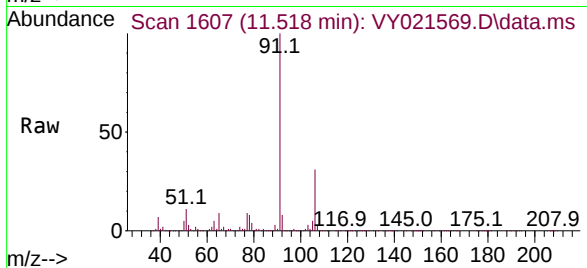
ETGI-354

Tgt Ion: 91 Resp: 1393286

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 1519.397 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021569.D

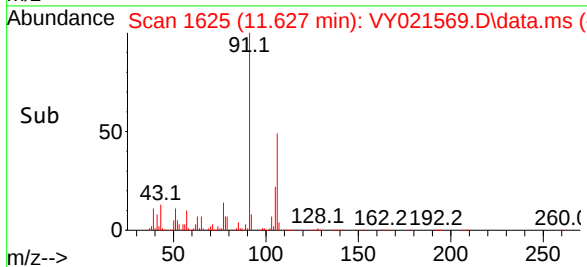
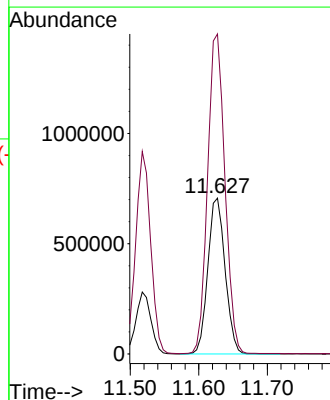
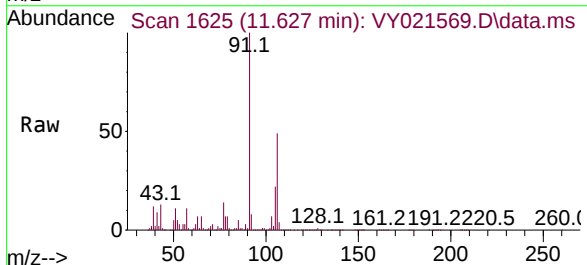
Acq: 19 Mar 2025 14:34

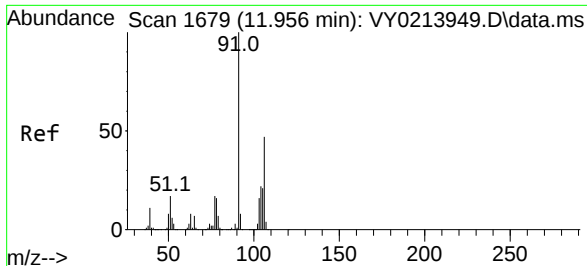
Tgt Ion:106 Resp: 1234207

Ion Ratio Lower Upper

106 100

91 206.4 161.7 242.5





#69

o-Xylene

Concen: 740.396 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

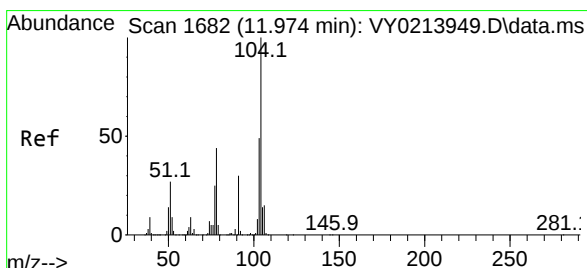
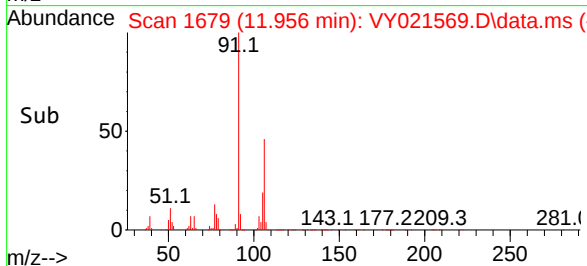
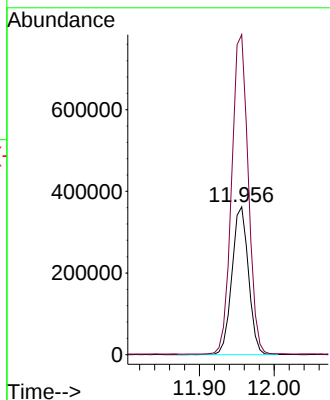
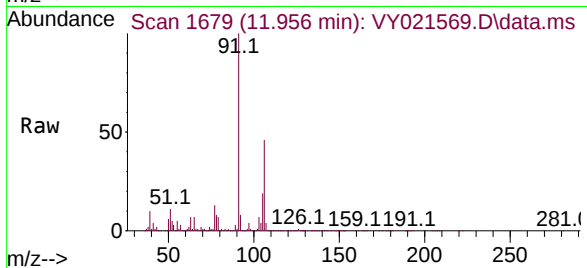
ETGI-354

Tgt Ion:106 Resp: 554295

Ion Ratio Lower Upper

106 100

91 218.5 107.6 322.8



#70

Styrene

Concen: 54.984 ug/l

RT: 11.963 min Scan# 1680

Delta R.T. -0.012 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

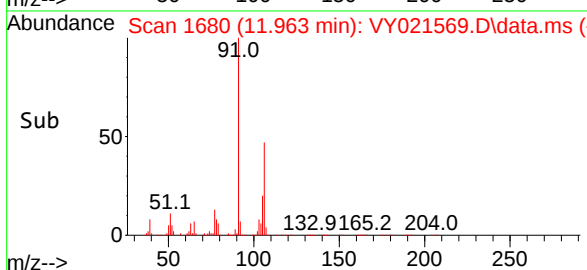
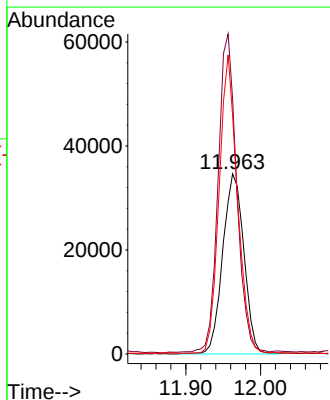
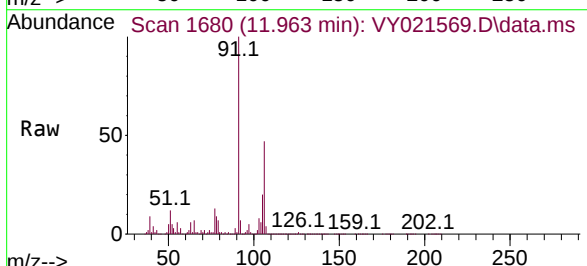
Tgt Ion:104 Resp: 68289

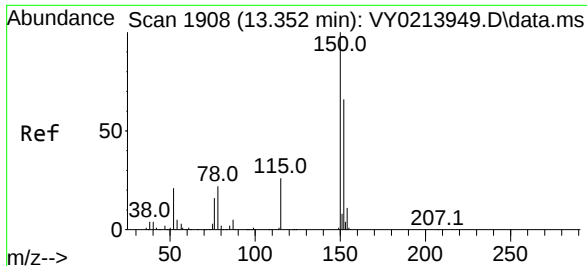
Ion Ratio Lower Upper

104 100

78 154.7 40.7 61.1#

103 142.6 44.1 66.1#

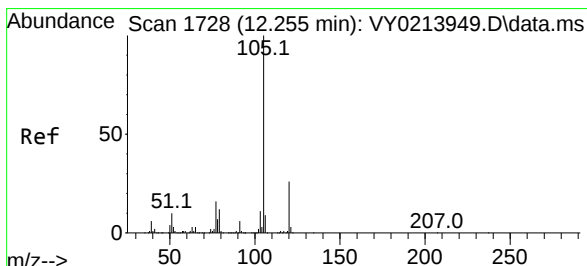
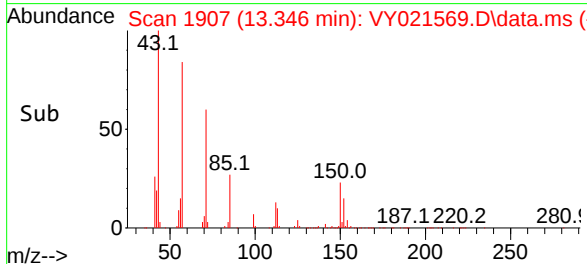
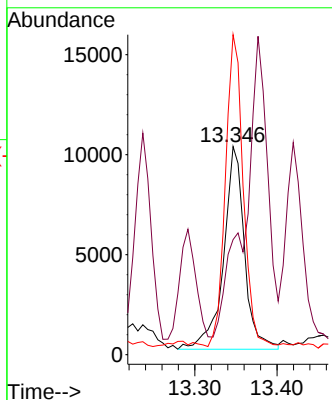
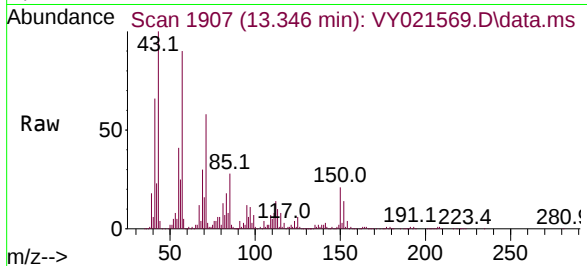




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

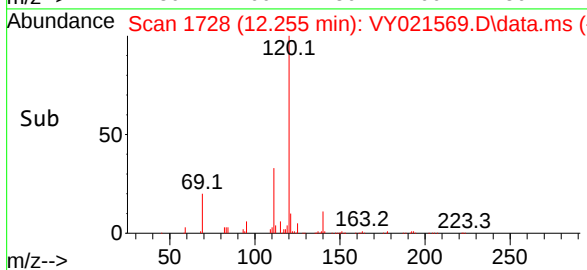
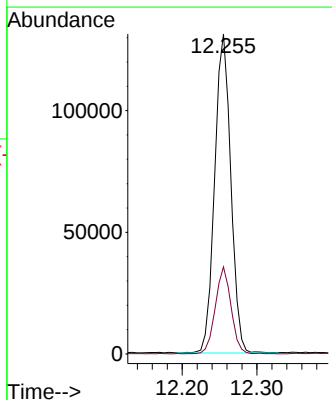
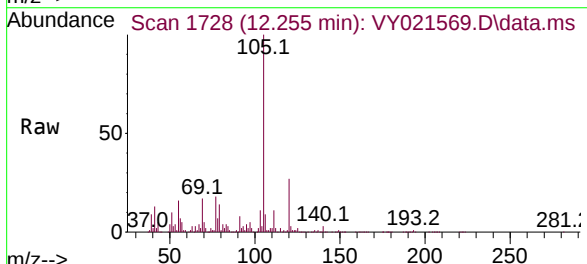
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

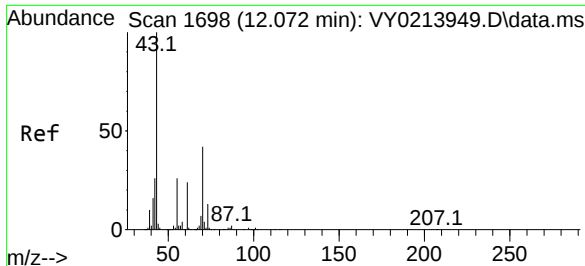
Tgt Ion:152 Resp: 18044
 Ion Ratio Lower Upper
 152 100
 115 0.0 29.0 87.0#
 150 130.0 0.0 347.2



#73
 Isopropylbenzene
 Concen: 138.532 ug/l
 RT: 12.255 min Scan# 1728
 Delta R.T. 0.000 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

Tgt Ion:105 Resp: 196906
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.1 39.3

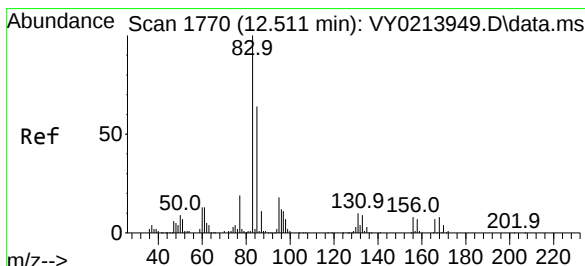
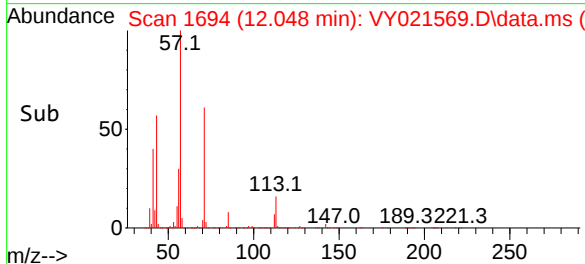
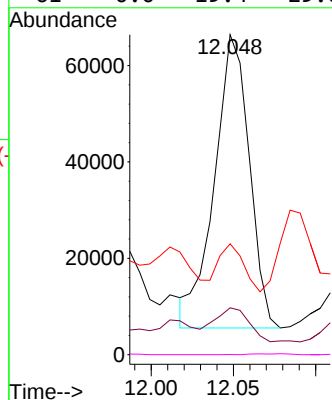
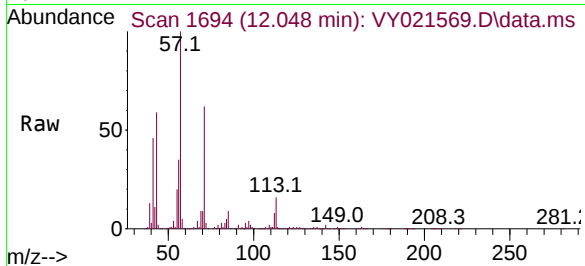




#74
N-amy1 acetate
Concen: 290.059 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.024 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

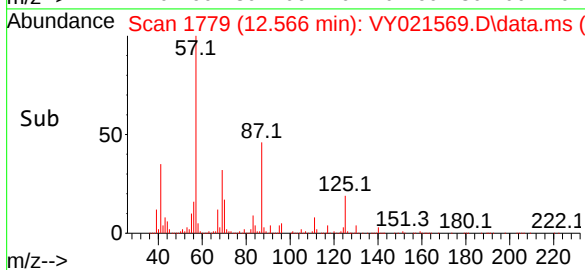
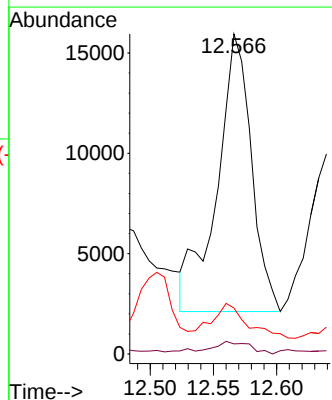
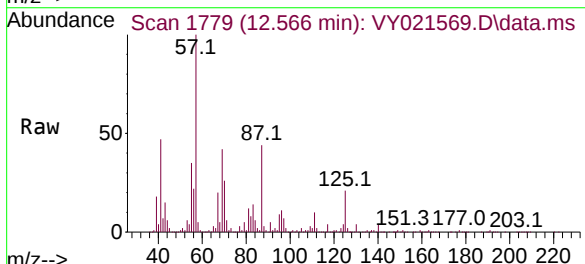
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

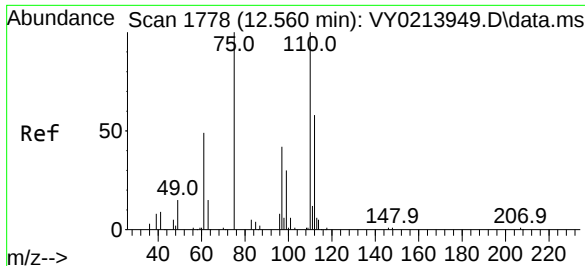
Tgt Ion: 43	Resp: 89537
Ion Ratio	Lower Upper
43	100
70	10.9 34.6 51.8#
55	0.0 21.1 31.7#
61	0.0 19.4 29.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 104.723 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.055 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 83	Resp: 26267
Ion Ratio	Lower Upper
83	100
131	4.6 5.3 16.1#
85	0.0 31.9 95.5#

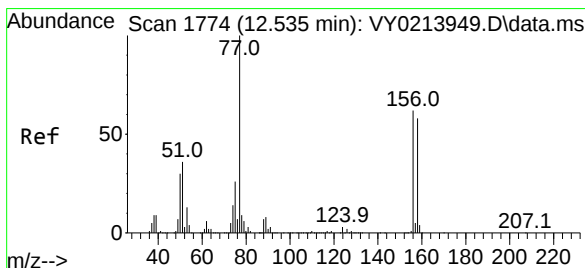
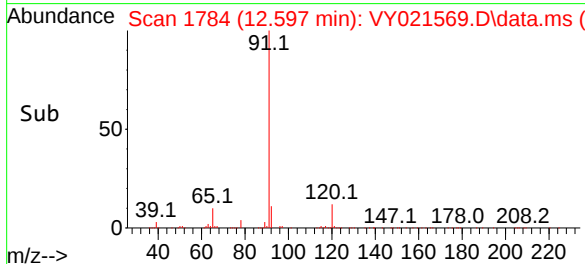
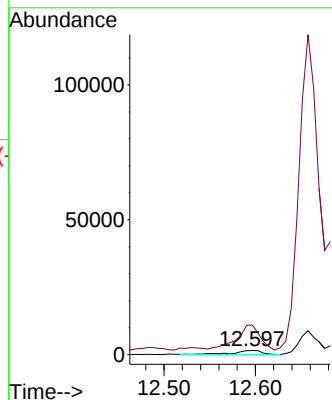
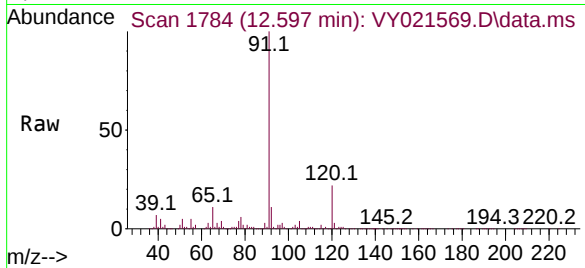




#76
1,2,3-Trichloropropane
Concen: 17.137 ug/l
RT: 12.597 min Scan# 1778
Delta R.T. 0.037 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

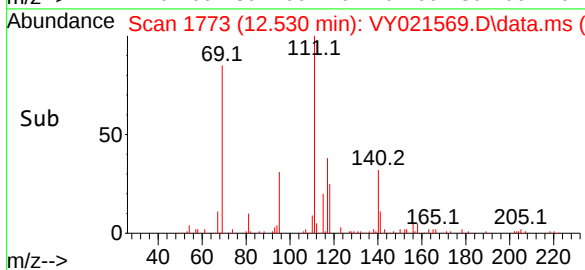
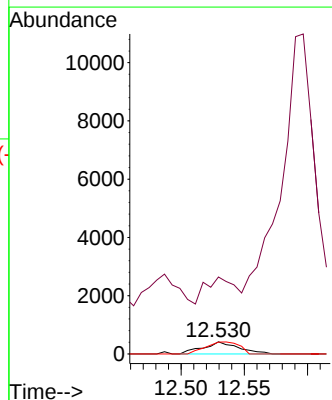
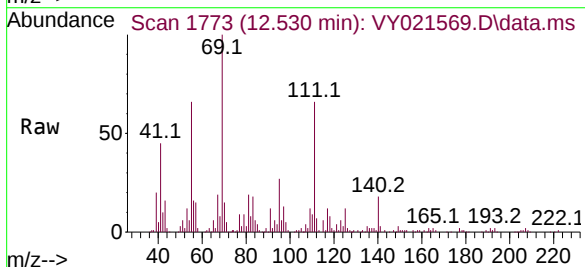
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

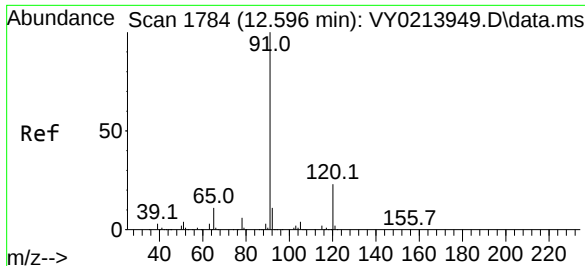
Tgt Ion: 75 Resp: 3116
Ion Ratio Lower Upper
75 100
77 537.2 0.0 0.0#



#77
Bromobenzene
Concen: 2.445 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 156 Resp: 813
Ion Ratio Lower Upper
156 100
77 0.0 93.6 280.8#
158 93.0 48.3 144.8

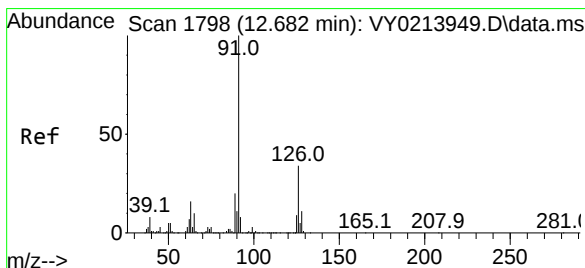
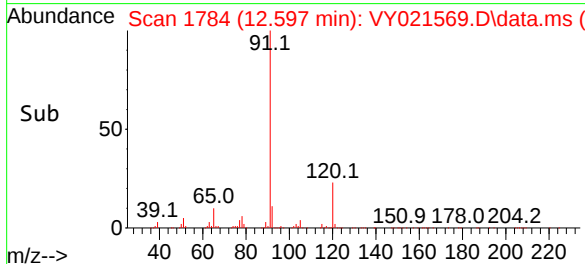
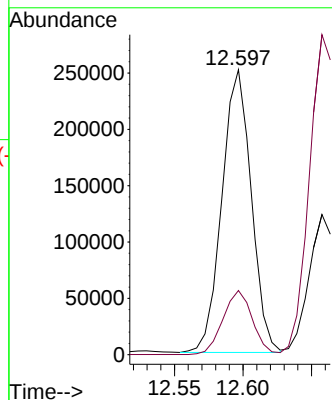
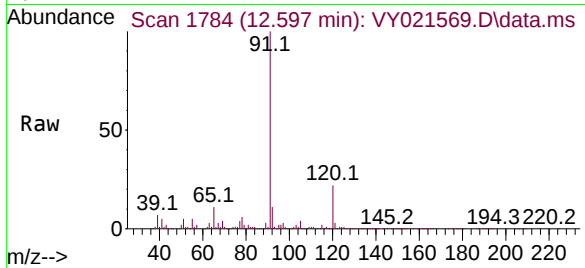




#78
n-propylbenzene
Concen: 216.393 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

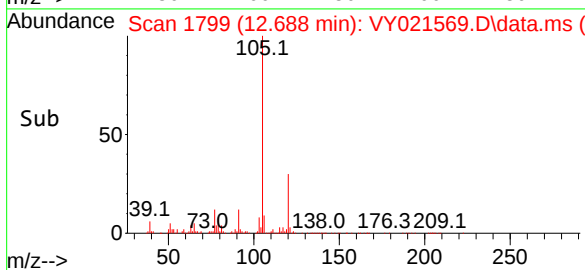
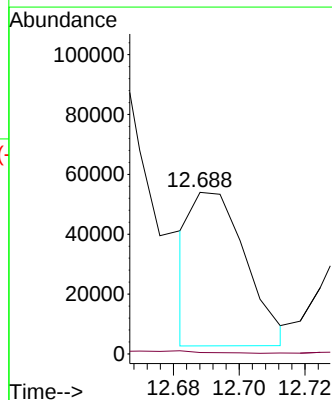
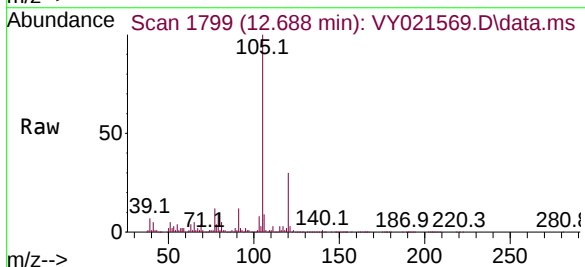
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

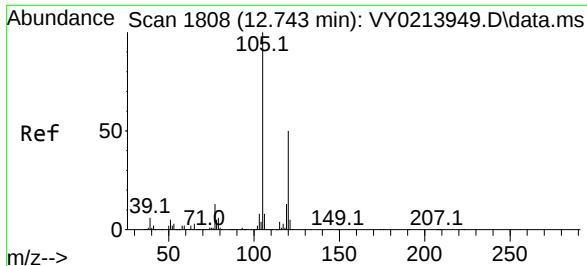
Tgt Ion: 91 Resp: 373542
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8



#79
2-Chlorotoluene
Concen: 59.076 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 91 Resp: 58311
Ion Ratio Lower Upper
91 100
126 3.5 17.2 51.6#

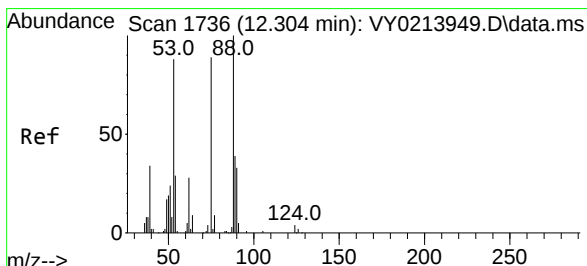
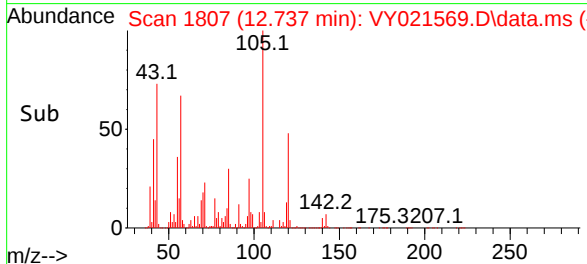
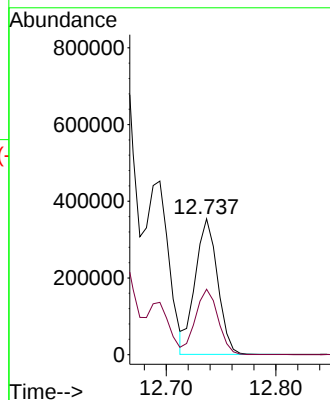
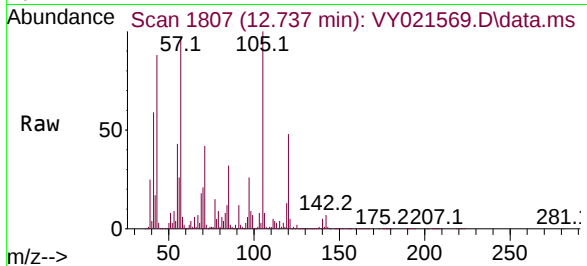




#80
 1,3,5-Trimethylbenzene
 Concen: 435.148 ug/l
 RT: 12.737 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

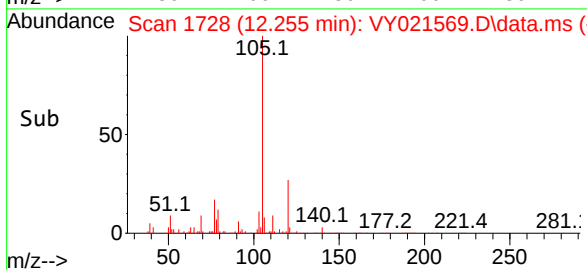
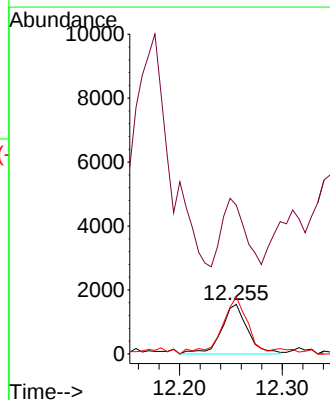
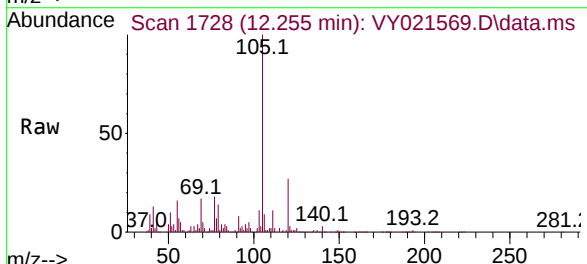
Instrument :
 MSVOA_Y
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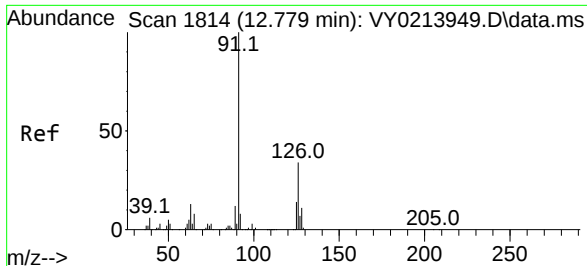
Tgt Ion:105 Resp: 502638
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 34.020 ug/l
 RT: 12.255 min Scan# 1728
 Delta R.T. -0.048 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

Tgt Ion: 75 Resp: 2721
 Ion Ratio Lower Upper
 75 100
 53 118.0 81.0 121.4
 89 112.5 36.9 55.3#

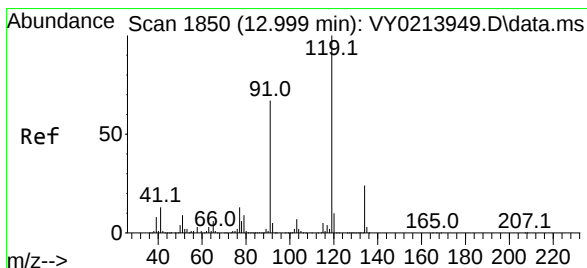
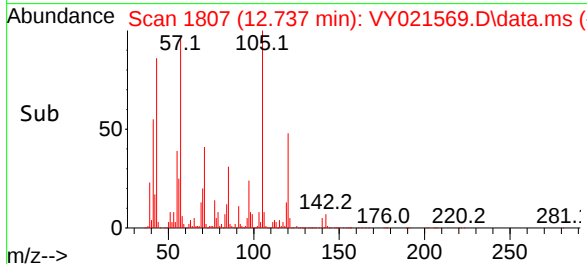
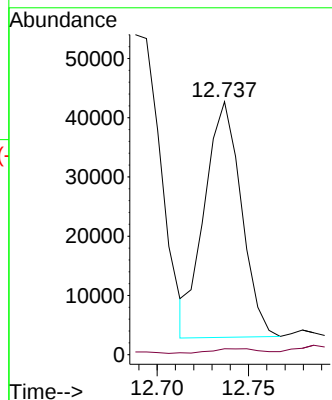
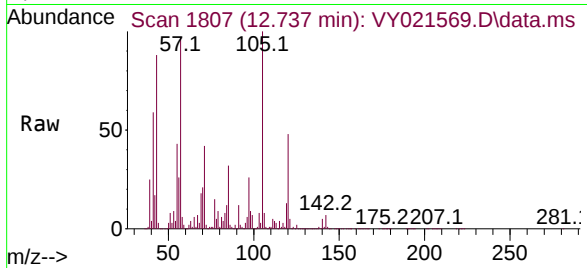




#82
4-Chlorotoluene
Concen: 54.464 ug/l
RT: 12.737 min Scan# 1814
Delta R.T. -0.042 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

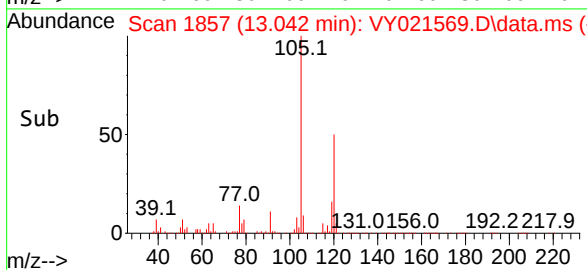
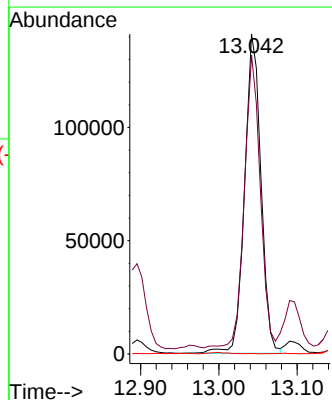
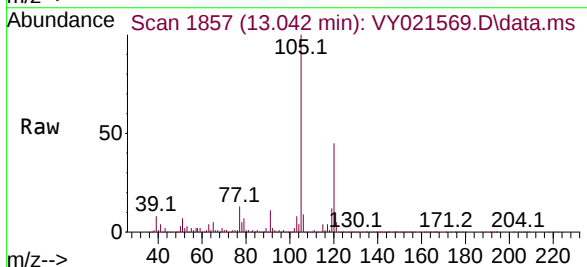
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

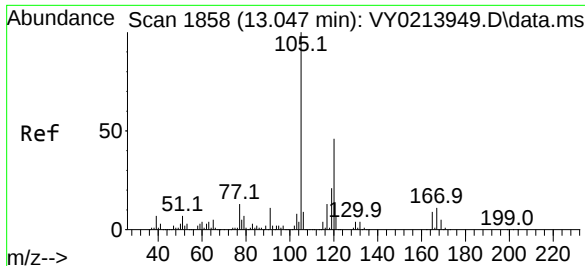
Tgt Ion: 91 Resp: 55668
Ion Ratio Lower Upper
91 100
126 2.9 17.0 51.0#



#83
tert-Butylbenzene
Concen: 198.769 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.043 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion: 119 Resp: 204822
Ion Ratio Lower Upper
119 100
91 89.1 33.2 99.6
134 0.0 13.5 40.5#

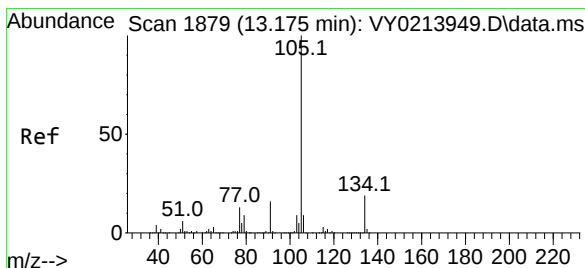
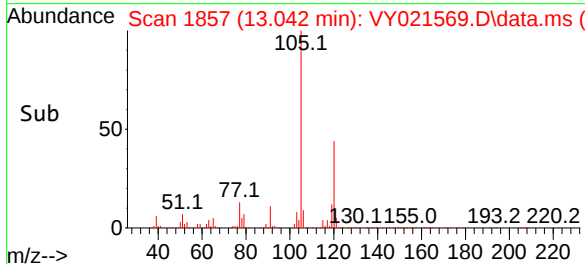
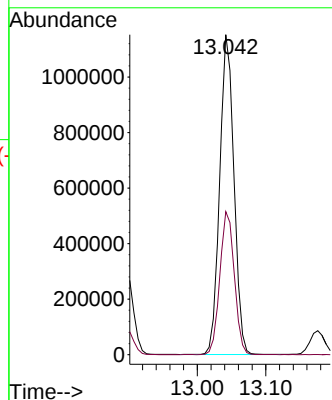
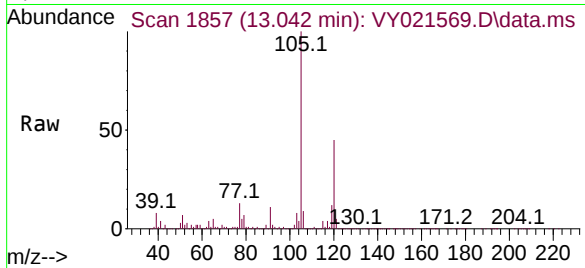




#84
 1,2,4-Trimethylbenzene
 Concen: 1446.620 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

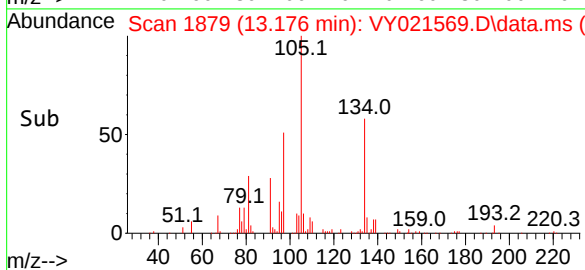
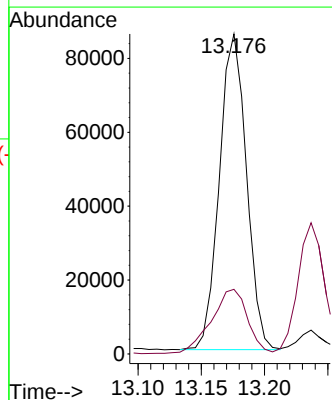
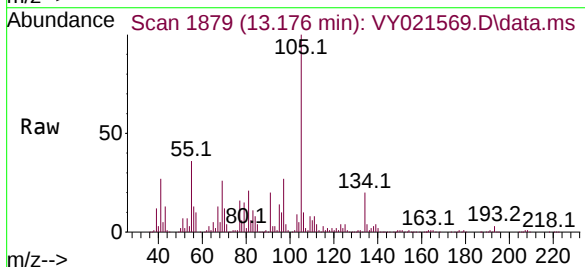
Instrument :
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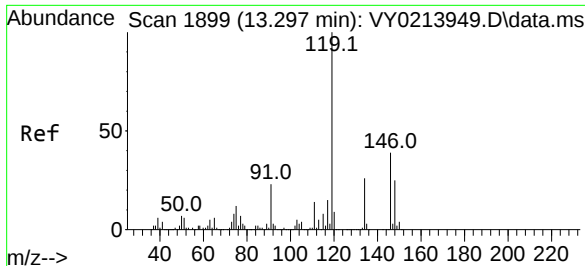
Tgt Ion:105 Resp: 1659084
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 82.893 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

Tgt Ion:105 Resp: 127088
 Ion Ratio Lower Upper
 105 100
 134 27.1 9.9 29.7

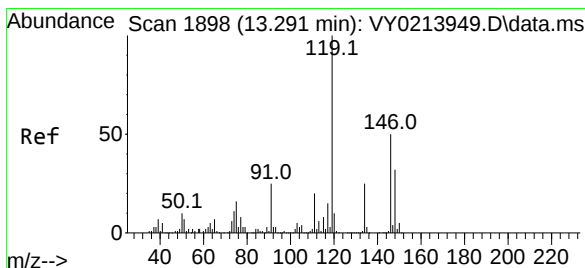
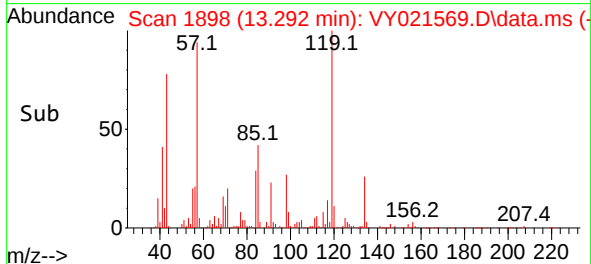
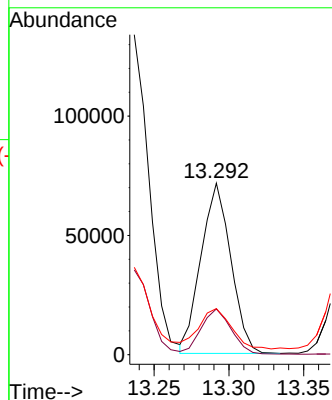
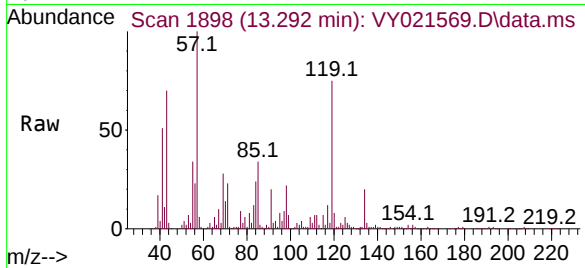




#86
 p-Isopropyltoluene
 Concen: 78.370 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

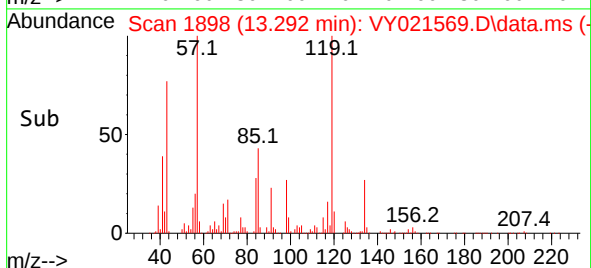
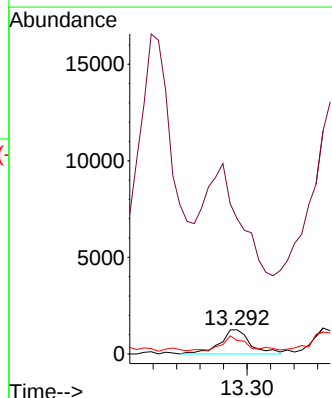
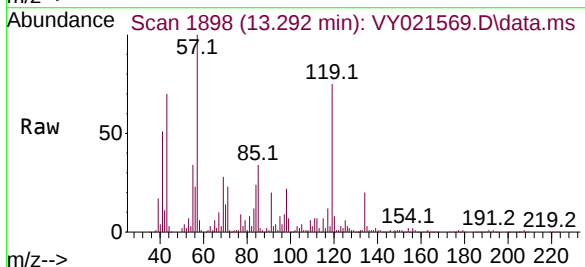
Instrument :
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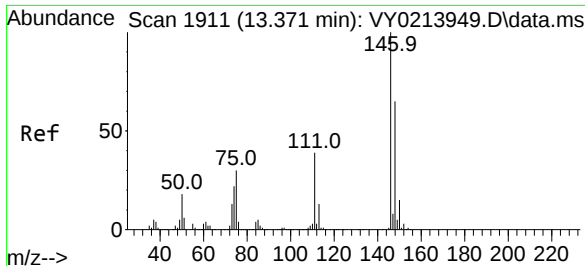
Tgt Ion:119 Resp: 98989
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.1
 91 25.0 12.2 36.6



#87
 1,3-Dichlorobenzene
 Concen: 3.425 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

Tgt Ion:146 Resp: 2267
 Ion Ratio Lower Upper
 146 100
 111 504.1 20.0 60.0#
 148 48.9 31.8 95.3

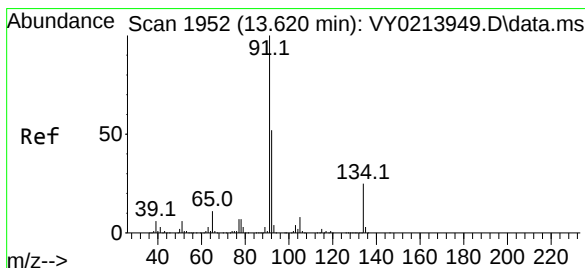
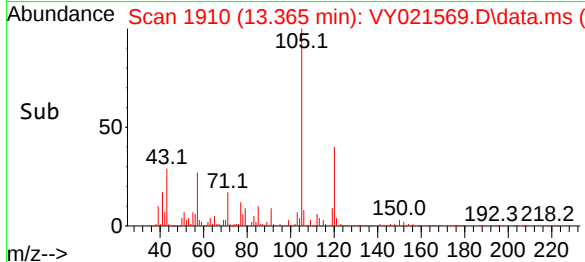
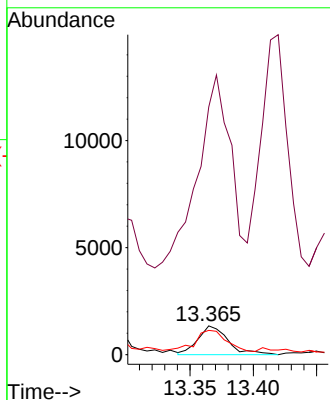
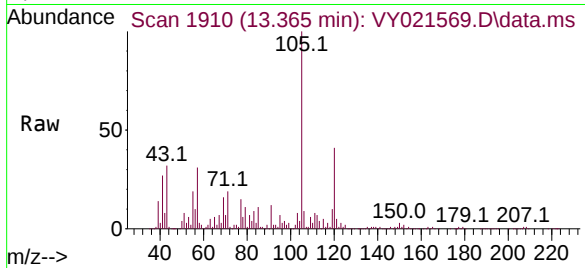




#88
 1,4-Dichlorobenzene
 Concen: 3.439 ug/l
 RT: 13.365 min Scan# 1911
 Delta R.T. -0.006 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

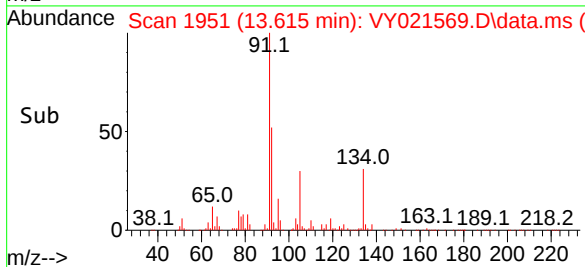
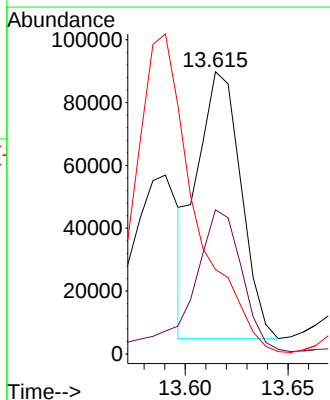
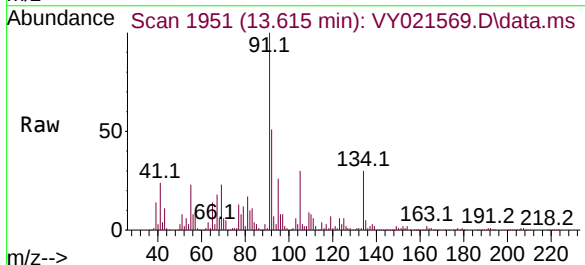
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

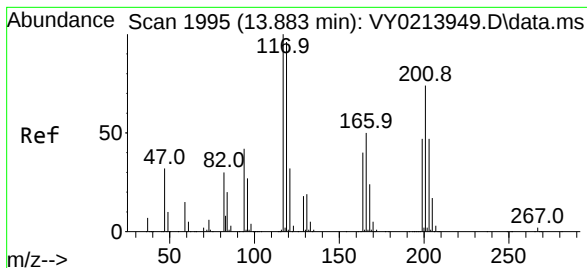
Tgt Ion:146 Resp: 2226
 Ion Ratio Lower Upper
 146 100
 111 739.0 19.6 58.8#
 148 76.7 32.3 96.8



#89
 n-Butylbenzene
 Concen: 108.331 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

Tgt Ion: 91 Resp: 126351
 Ion Ratio Lower Upper
 91 100
 92 58.2 26.1 78.3
 134 0.0 12.6 37.8#

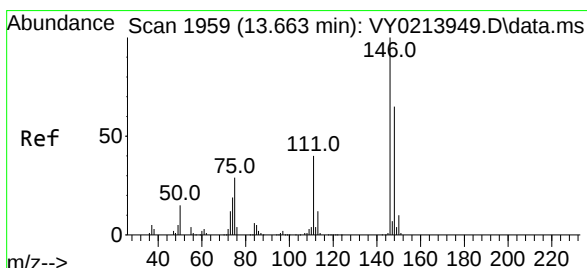
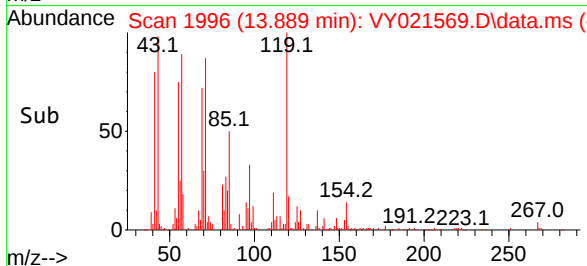
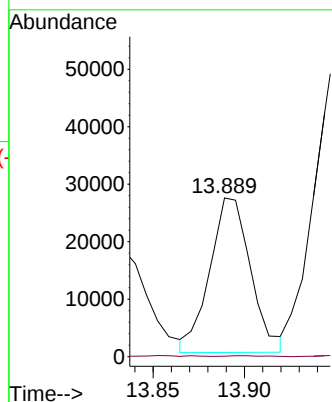
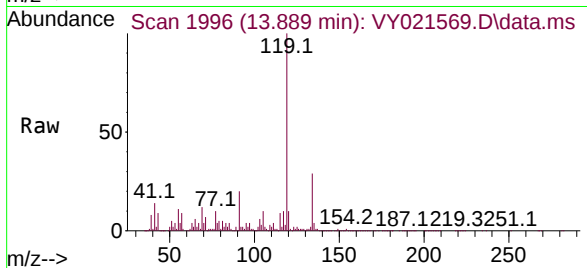




#90
Hexachloroethane
Concen: 155.304 ug/l
RT: 13.889 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

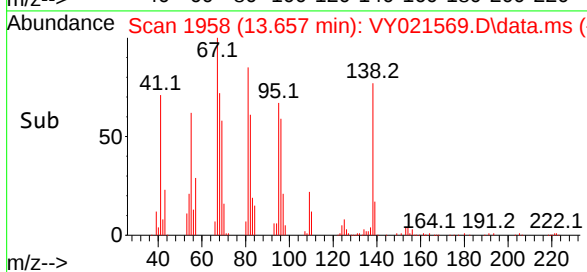
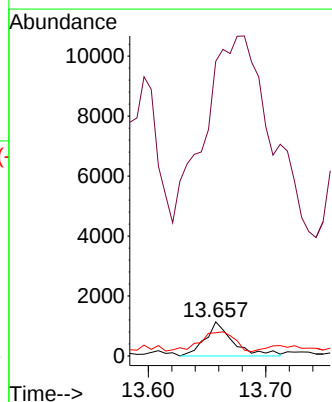
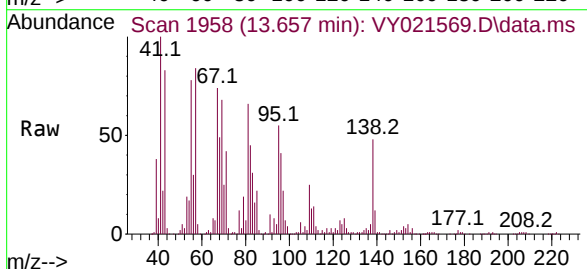
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

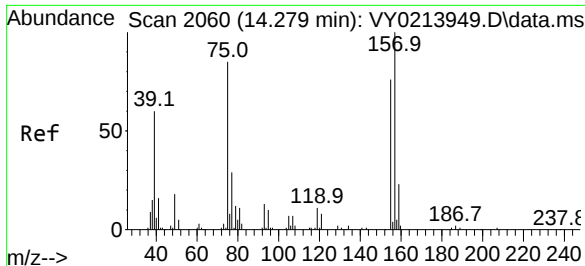
Tgt Ion:117 Resp: 41848
Ion Ratio Lower Upper
117 100
201 0.6 37.4 112.2#



#91
1,2-Dichlorobenzene
Concen: 3.316 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

Tgt Ion:146 Resp: 1881
Ion Ratio Lower Upper
146 100
111 0.0 20.7 62.1#
148 70.7 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 32.151 ug/l

RT: 14.298 min Scan# 2063

Delta R.T. 0.019 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

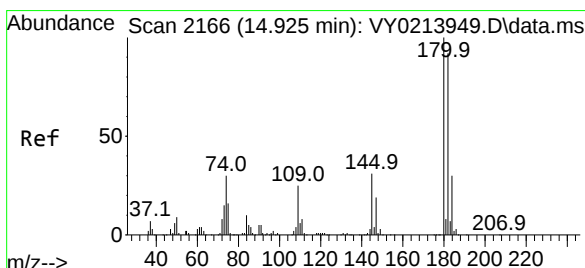
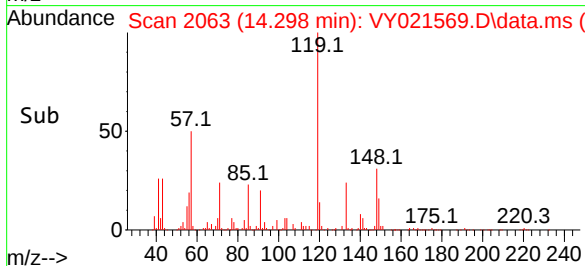
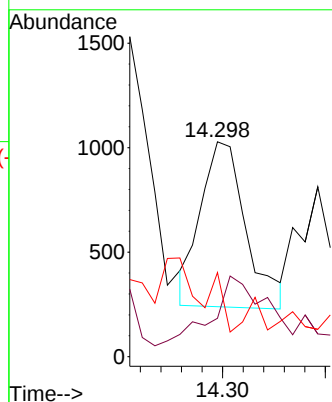
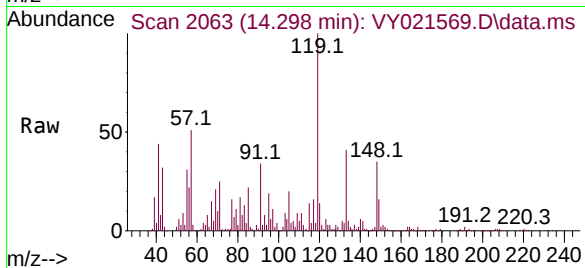
Tgt Ion: 75 Resp: 1208

Ion Ratio Lower Upper

75 100

155 50.5 43.5 130.5

157 0.0 54.4 163.2#



#93

1,2,4-Trichlorobenzene

Concen: 11.753 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021569.D

Acq: 19 Mar 2025 14:34

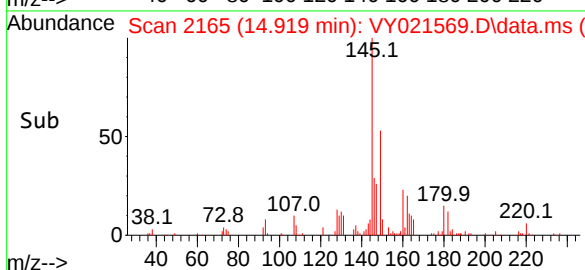
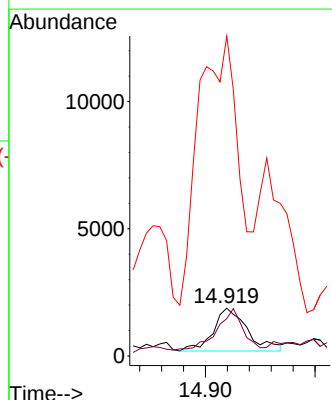
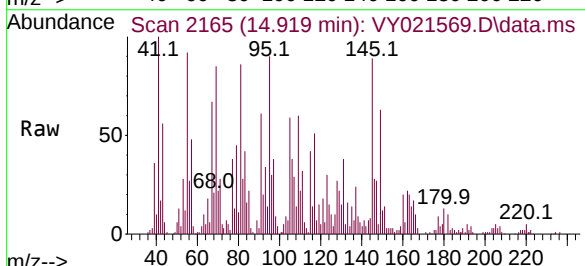
Tgt Ion:180 Resp: 3642

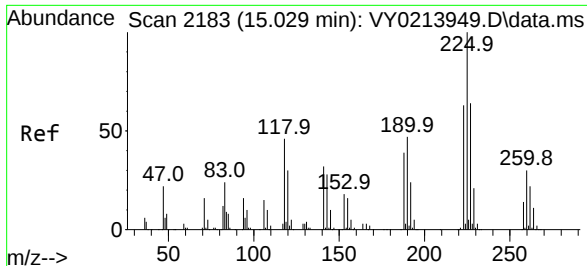
Ion Ratio Lower Upper

180 100

182 73.0 46.7 140.0

145 907.2 15.6 46.8#

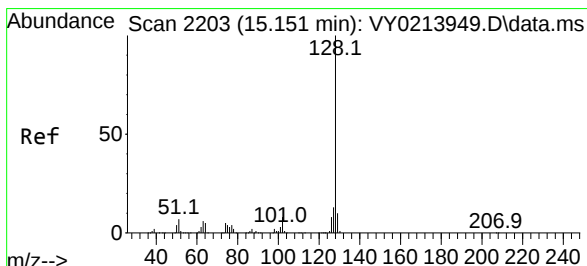
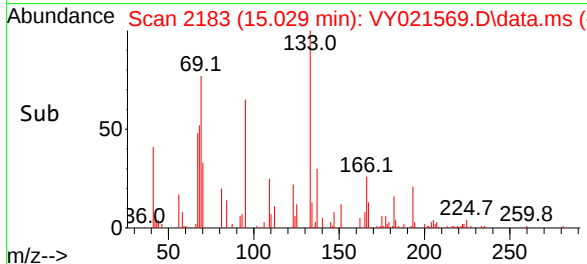
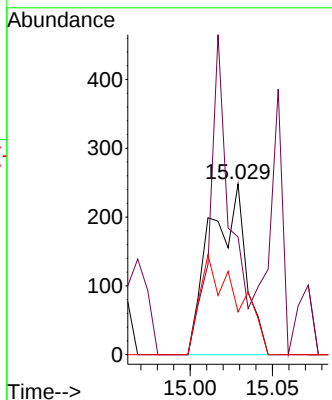
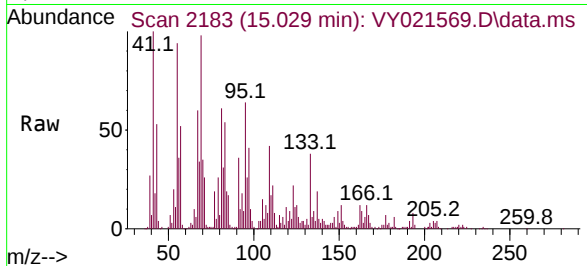




#94
Hexachlorobutadiene
Concen: 1.925 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

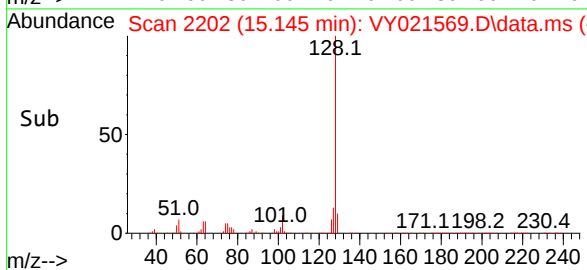
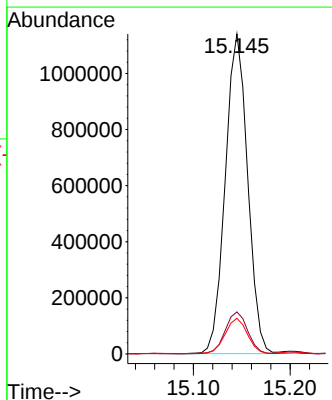
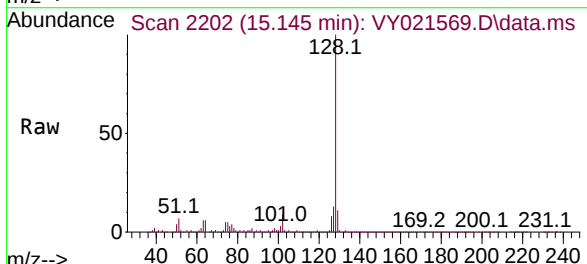
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

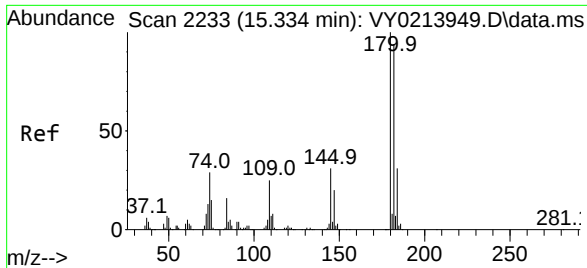
Tgt Ion:225 Resp: 374
Ion Ratio Lower Upper
225 100
223 106.4 31.4 94.2#
227 61.8 31.8 95.4



#95
Naphthalene
Concen: 1106.254 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021569.D
Acq: 19 Mar 2025 14:34

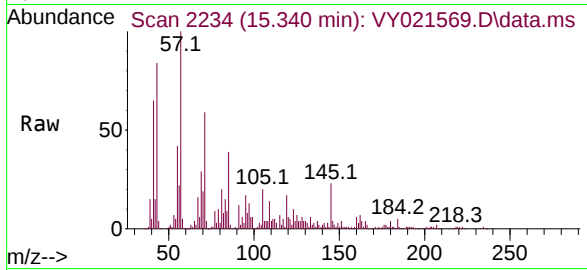
Tgt Ion:128 Resp: 1826255
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 11.956 ug/l
 RT: 15.340 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY021569.D
 Acq: 19 Mar 2025 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354



Tgt Ion:	180	Resp:	3116
Ion Ratio	Lower	Upper	
180	100		
182	62.8	47.2	141.6
145	599.4	16.4	49.1#

