

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012218.D
 Acq On : 17 Jan 2023 12:39
 Operator : KP/MD
 Sample : 01144-01
 Misc : 2.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-ELIZABETH

Quant Time: Jan 18 00:31:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	185464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	234478	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	350172	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	94847	62.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.400%	
35) Dibromofluoromethane	7.722	113	85889	54.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.880%	
50) Toluene-d8	10.185	98	1164455	228.480	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 456.960%#	
62) 4-Bromofluorobenzene	12.489	95	849734	382.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 764.120%#	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.936	59	278	Below Cal	#	74
13) Acrolein	3.948	56	6649	74.033	ug/l	88
14) Allyl chloride	4.576	41	2493	1.184	ug/l	# 55
15) Acrylonitrile	5.241	53	17960	40.540	ug/l	# 39
16) Acetone	3.942	43	22461	43.492	ug/l	# 65
17) Carbon Disulfide	4.204	76	5288	1.004	ug/l	# 95
20) Methylene Chloride	4.716	84	29063	6.537	ug/l	# 80
25) 2-Butanone	6.978	43	12724	22.317	ug/l	# 57
30) Chloroform	7.466	83	6164	1.793	ug/l	# 18
31) Cyclohexane	7.789	56	1453549	537.539	ug/l	92
36) 1,1-Dichloropropene	7.789	75	14661	5.468	ug/l	# 1
37) Ethyl Acetate	6.978	43	12724	10.764	ug/l	# 84
38) Carbon Tetrachloride	7.789	117	18710	5.403	ug/l	# 16
39) Methylcyclohexane	9.191	83	8603217	2625.549	ug/l	96
40) Benzene	8.161	78	76546	9.891	ug/l	100
41) Methacrylonitrile	7.356	41	1724	2.481	ug/l	# 100
42) 1,2-Dichloroethane	8.277	62	4494	1.824	ug/l	# 1
43) Isopropyl Acetate	8.271	43	203758	92.652	ug/l	# 52
45) 1,2-Dichloropropane	9.191	63	106441	65.914	ug/l	# 1
47) Bromodichloromethane	9.612	83	108366	39.822	ug/l	# 43
48) Methyl methacrylate	9.246	41	259977	256.568	ug/l	# 28
49) 1,4-Dioxane	9.185	88	156	10.590	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.965	43	2243451	1913.126	ug/l	# 40
52) Toluene	10.246	92	317952	61.705	ug/l	99
53) t-1,3-Dichloropropene	10.526	75	3646	1.281	ug/l	# 1
55) 1,1,2-Trichloroethane	10.624	97	3131635	2038.900	ug/l	# 20
56) Ethyl methacrylate	10.526	69	983015	487.841	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.764	63	2490	3.735	ug/l	# 46
59) 2-Hexanone	10.813	43	3261096	3652.633	ug/l	# 28
60) Dibromochloromethane	10.916	129	12827	6.297	ug/l	# 55
61) 1,2-Dibromoethane	11.105	107	5292	3.571	ug/l	# 2
65) Chlorobenzene	11.422	112	90087	18.778	ug/l	# 44
67) Ethyl Benzene	11.599	91	4474905	521.908	ug/l	98
68) m/p-Xylenes	11.709	106	4505028	1328.883	ug/l	98
69) o-Xylene	12.038	106	1881251	580.984	ug/l	95
70) Styrene	12.038	104	96073	17.758	ug/l	# 1

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 Response via : Initial Calibration

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

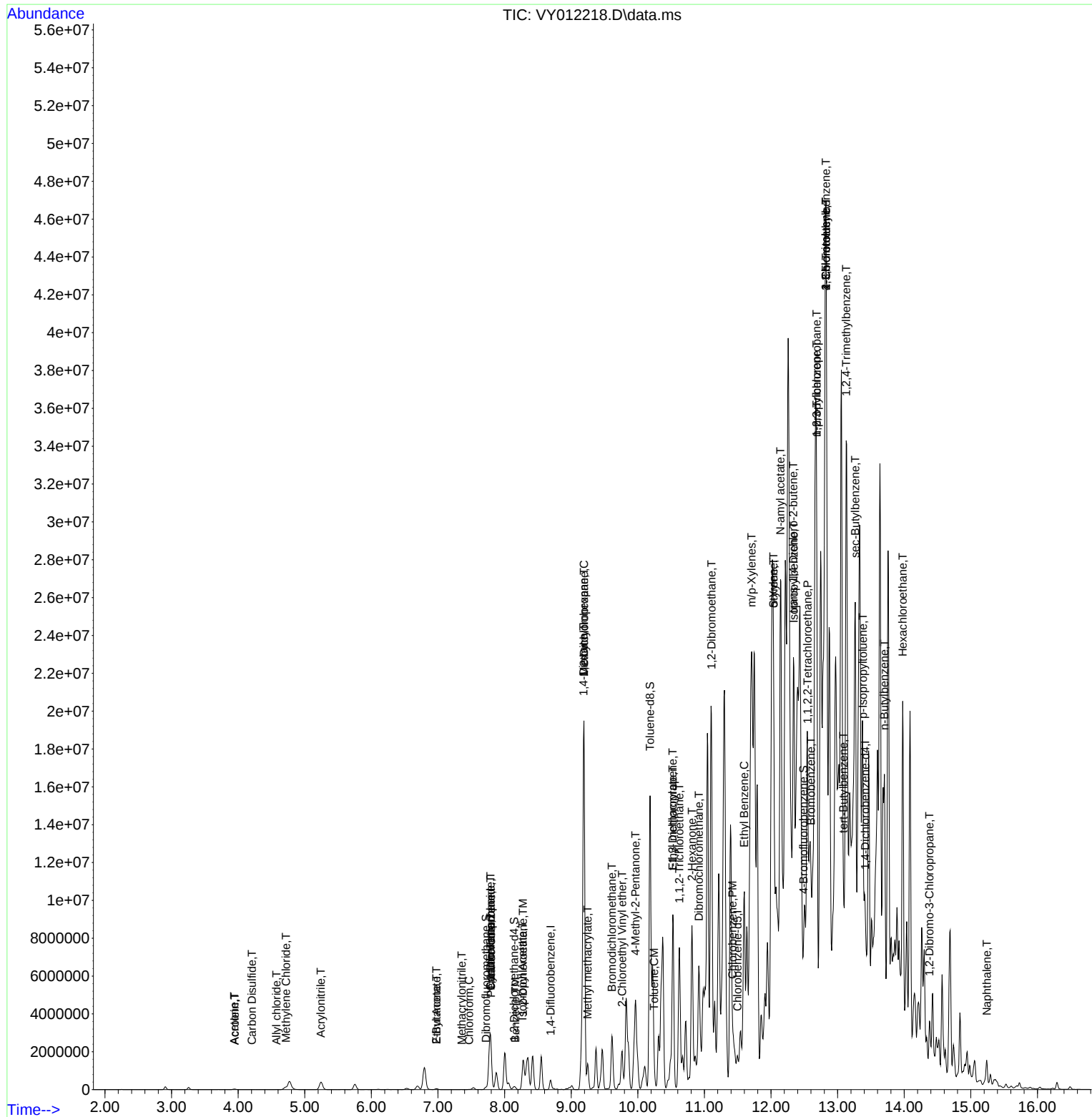
73) Isopropylbenzene	12.343	105	7613685	301.525	ug/l	97
74) N-amyl acetate	12.142	43	4929078	995.816	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.550	83	558850	140.512	ug/l #	80
76) 1,2,3-Trichloropropane	12.684	75	149432	46.408	ug/l #	100
77) Bromobenzene	12.599	156	12472	2.053	ug/l #	1
78) n-propylbenzene	12.684	91	16671312	564.216	ug/l	84
79) 2-Chlorotoluene	12.825	91	540058	32.327	ug/l	86
80) 1,3,5-Trimethylbenzene	12.825	105	3868484	176.235	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.337	75	102019	65.282	ug/l #	1
82) 4-Chlorotoluene	12.825	91	544905	31.051	ug/l	86
83) tert-Butylbenzene	13.087	119	299267	15.643	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.129	105	13381635	618.163	ug/l	91
85) sec-Butylbenzene	13.264	105	8494364	311.850	ug/l #	77
86) p-Isopropyltoluene	13.379	119	2249543	94.524	ug/l	95
89) n-Butylbenzene	13.703	91	5785423	280.520	ug/l #	76
90) Hexachloroethane	13.977	117	784920	182.697	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.379	75	6014	7.317	ug/l #	1
95) Naphthalene	15.239	128	1116412	81.867	ug/l	100

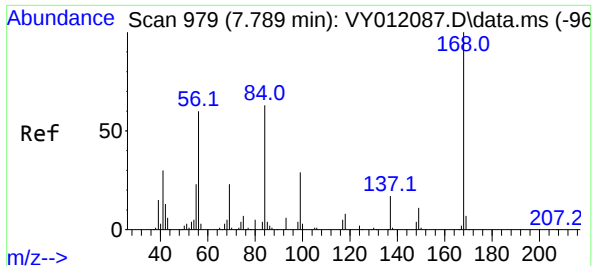
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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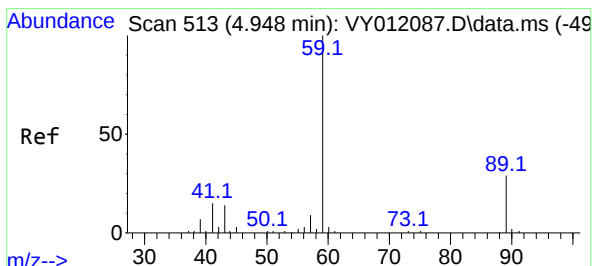
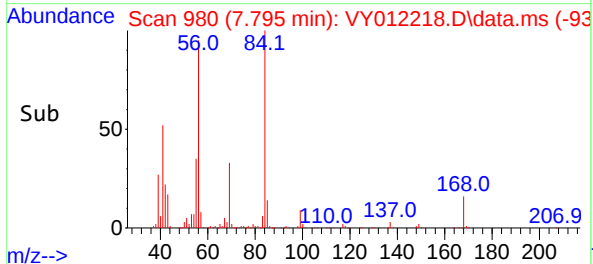
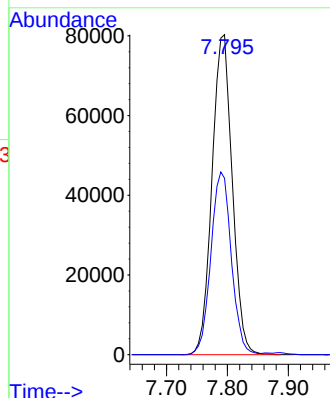
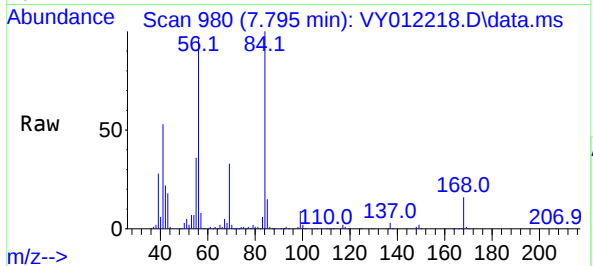




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

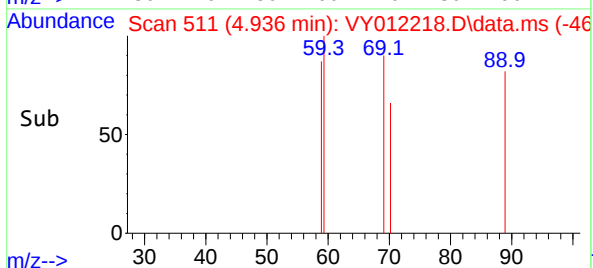
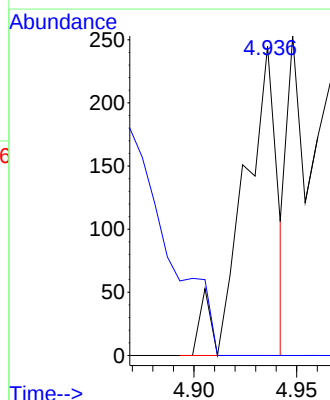
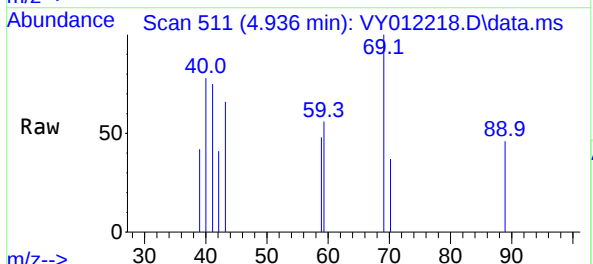
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

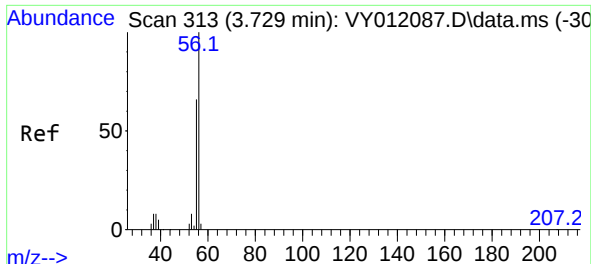
Tgt Ion:168 Resp: 185464
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

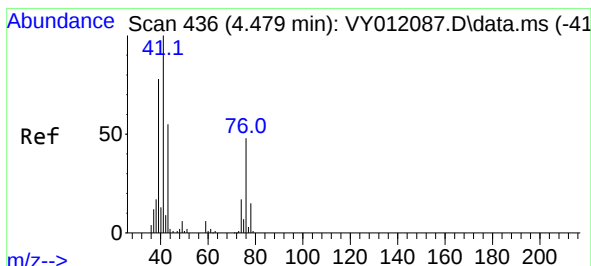
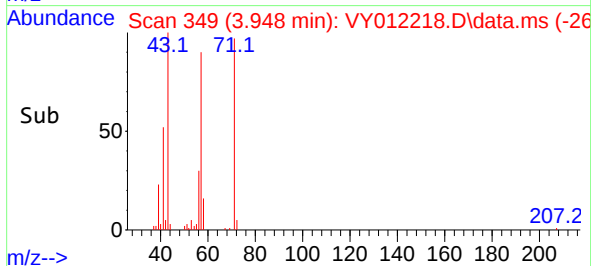
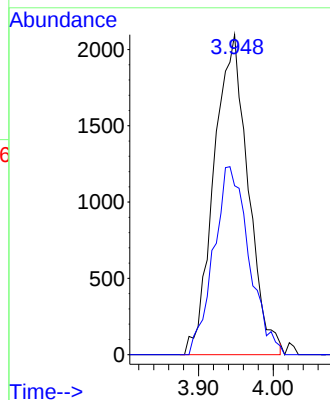
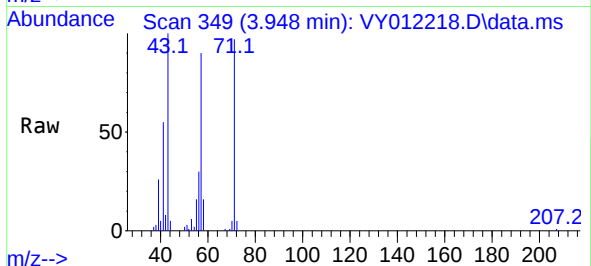




#13
Acrolein
Concen: 74.033 ug/l
RT: 3.948 min Scan# 341
Delta R.T. 0.219 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

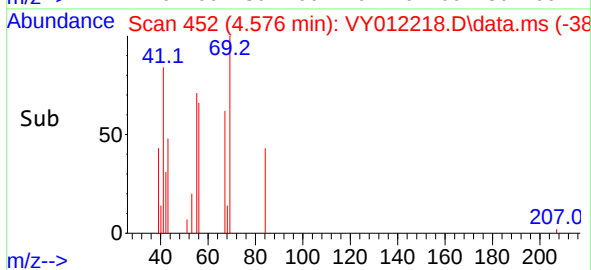
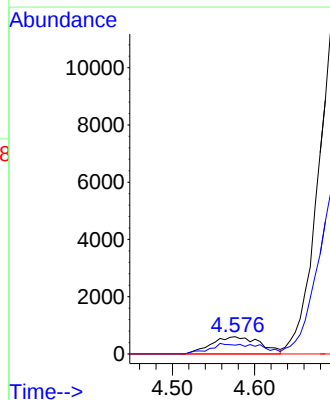
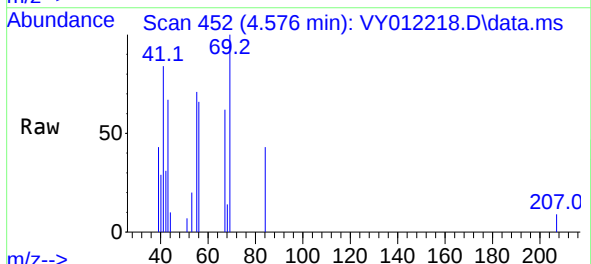
Instrument :
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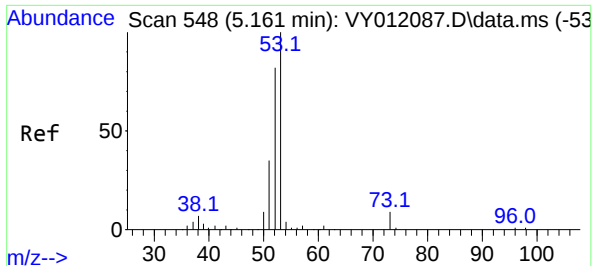
Tgt Ion: 56 Resp: 6649
Ion Ratio Lower Upper
56 100
55 61.0 56.6 85.0



#14
Allyl chloride
Concen: 1.184 ug/l
RT: 4.576 min Scan# 452
Delta R.T. 0.097 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 41 Resp: 2493
Ion Ratio Lower Upper
41 100
39 39.5 53.5 80.3#
76 0.0 31.1 46.7#

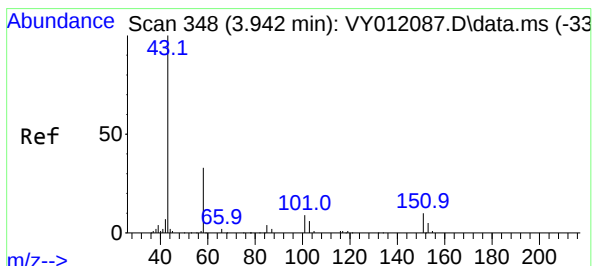
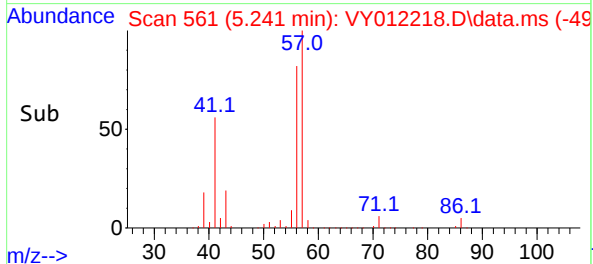
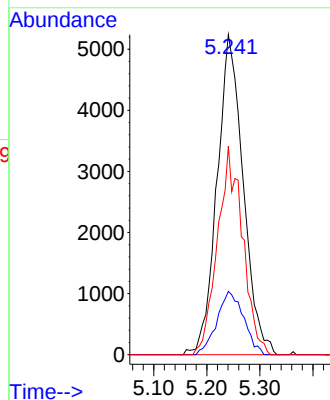
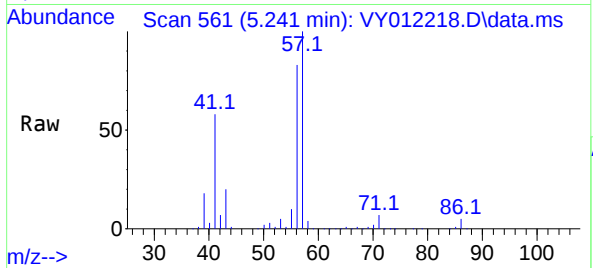




#15
Acrylonitrile
Concen: 40.540 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.080 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

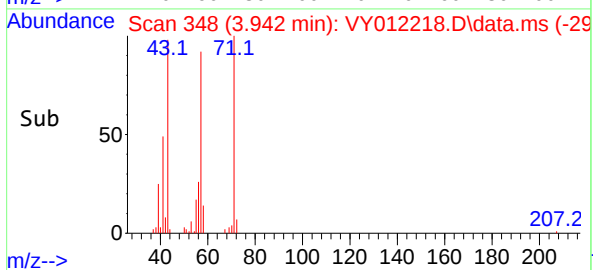
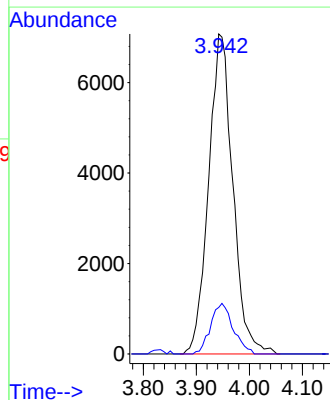
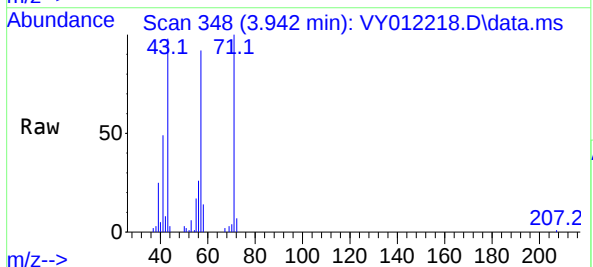
Instrument :
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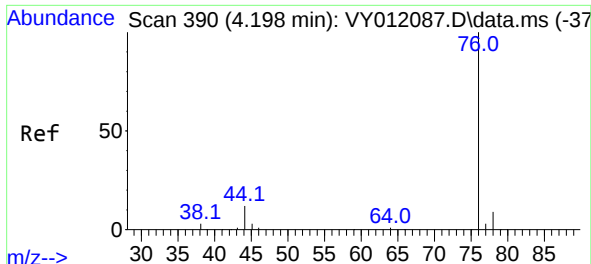
Tgt Ion: 53 Resp: 17960
Ion Ratio Lower Upper
53 100
52 20.2 65.1 97.7#
51 62.3 28.7 43.1#



#16
Acetone
Concen: 43.492 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 43 Resp: 22461
Ion Ratio Lower Upper
43 100
58 14.5 27.9 41.9#

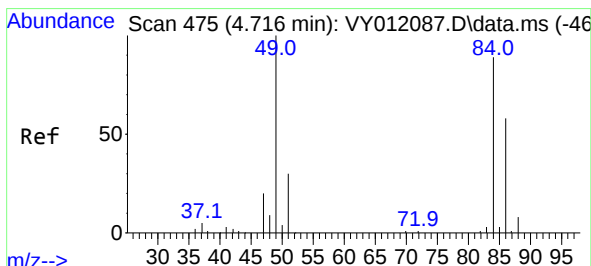
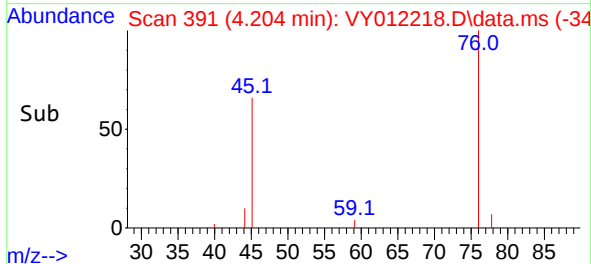
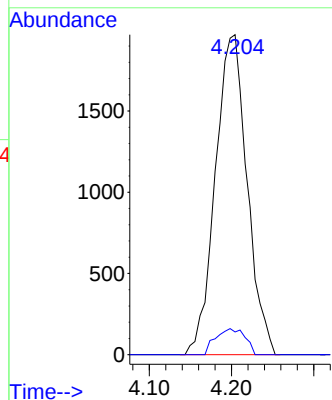
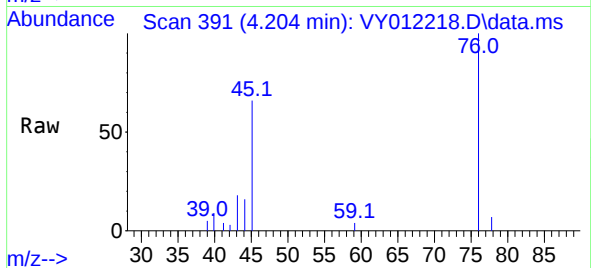




#17
Carbon Disulfide
Concen: 1.004 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

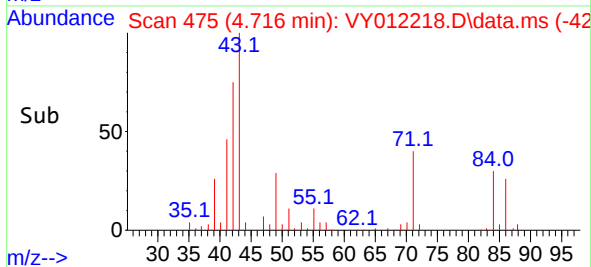
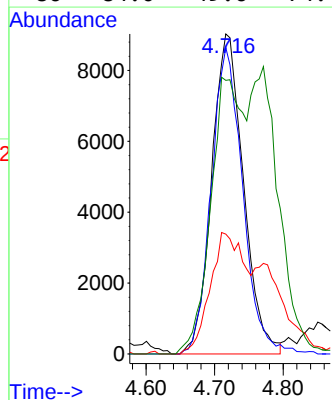
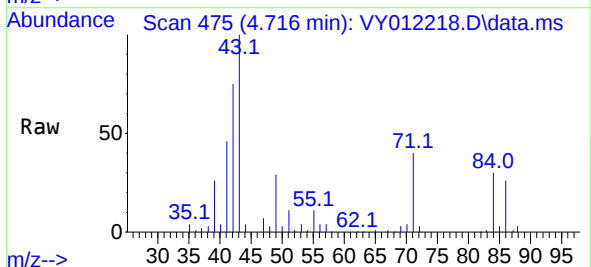
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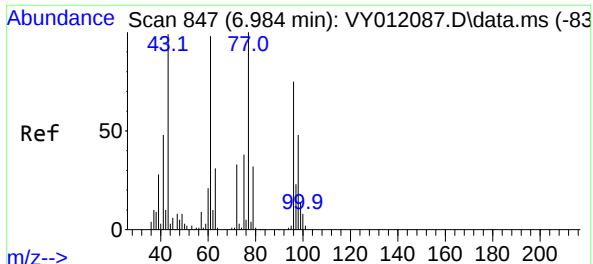
Tgt Ion: 76 Resp: 5288
Ion Ratio Lower Upper
76 100
78 7.1 7.2 10.8#



#20
Methylene Chloride
Concen: 6.537 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 84 Resp: 29063
Ion Ratio Lower Upper
84 100
49 95.7 95.4 143.2
51 37.5 29.9 44.9
86 84.0 49.6 74.4#





#25

2-Butanone

Concen: 22.317 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012218.D

Acq: 17 Jan 2023 12:39

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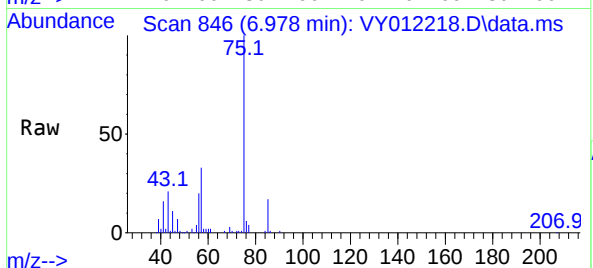
WASTE-ELIZABETH

Tgt Ion: 43 Resp: 12724

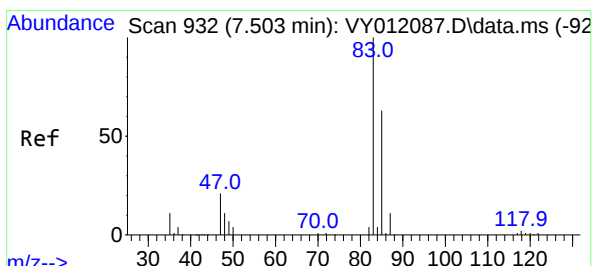
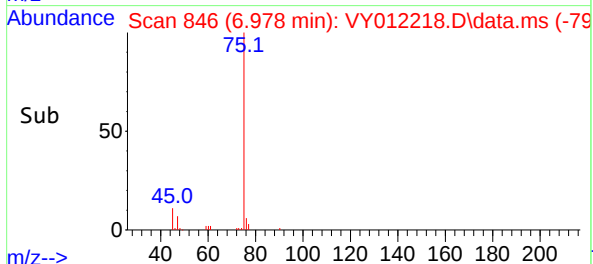
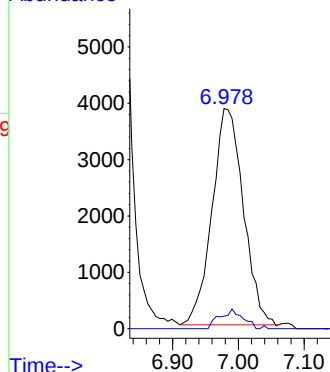
Ion Ratio Lower Upper

43 100

72 5.8 22.6 34.0#



Abundance



#30

Chloroform

Concen: 1.793 ug/l

RT: 7.466 min Scan# 926

Delta R.T. -0.037 min

Lab File: VY012218.D

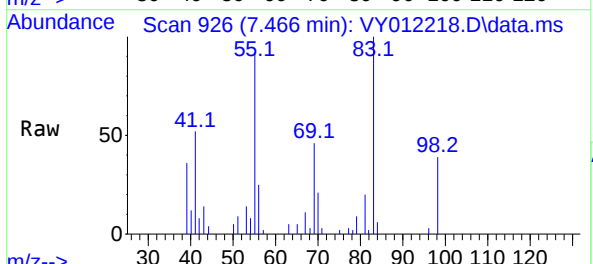
Acq: 17 Jan 2023 12:39

Tgt Ion: 83 Resp: 6164

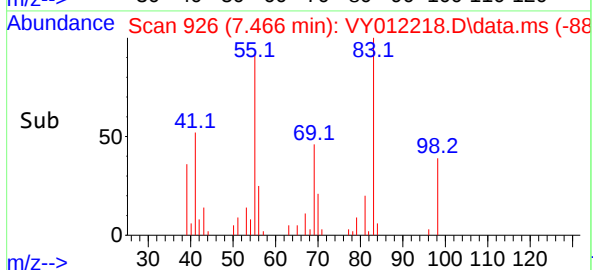
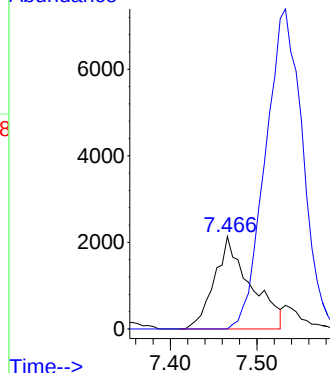
Ion Ratio Lower Upper

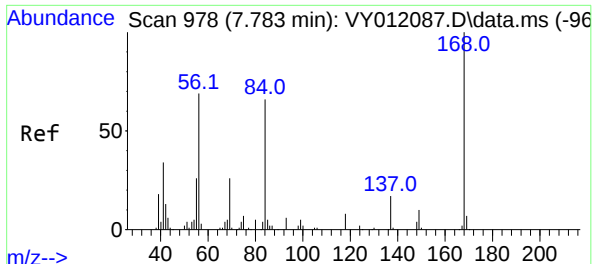
83 100

85 0.0 51.5 77.3#



Abundance





#31

Cyclohexane

Concen: 537.539 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

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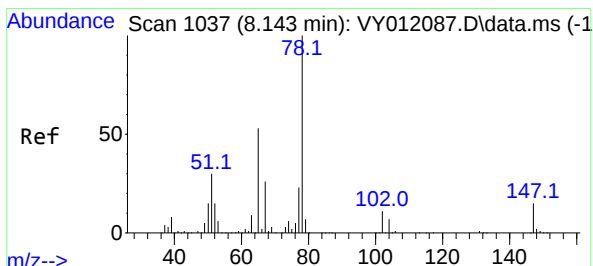
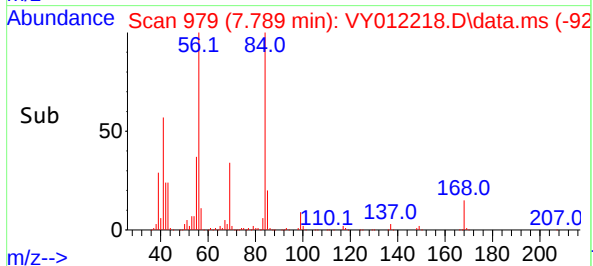
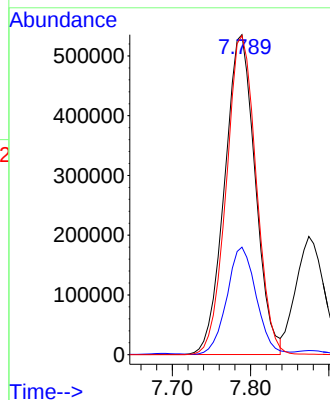
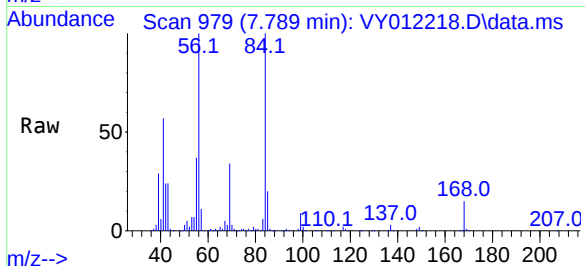
Tgt Ion: 56 Resp: 1453549

Ion Ratio Lower Upper

56 100

69 33.4 29.2 43.8

84 99.7 72.6 108.8



#33

1,2-Dichloroethane-d4

Concen: 62.696 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012218.D

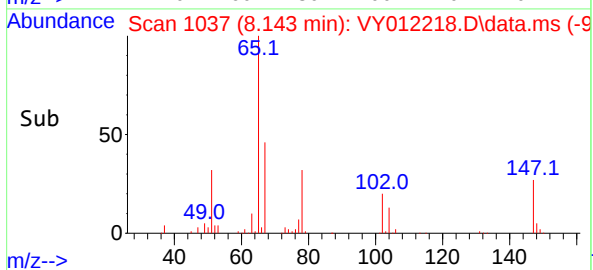
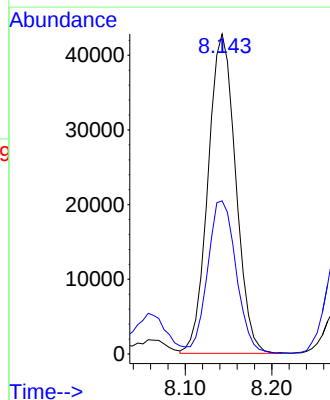
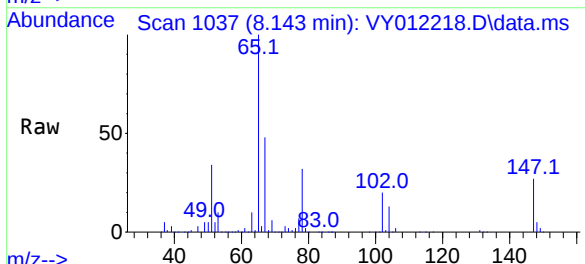
Acq: 17 Jan 2023 12:39

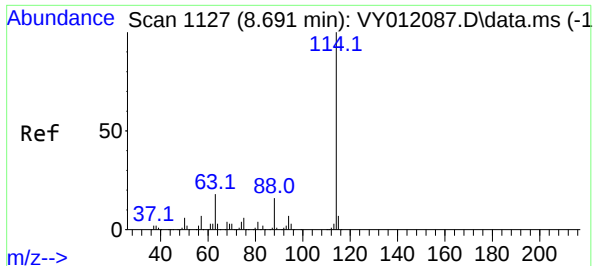
Tgt Ion: 65 Resp: 94847

Ion Ratio Lower Upper

65 100

67 49.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012218.D

Acq: 17 Jan 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-ELIZABETH

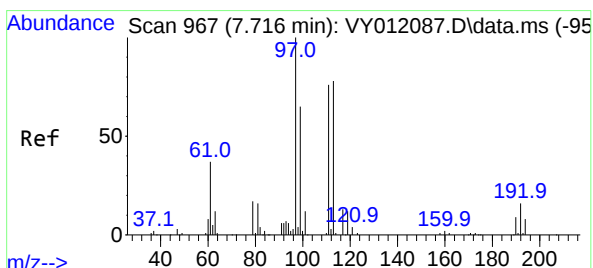
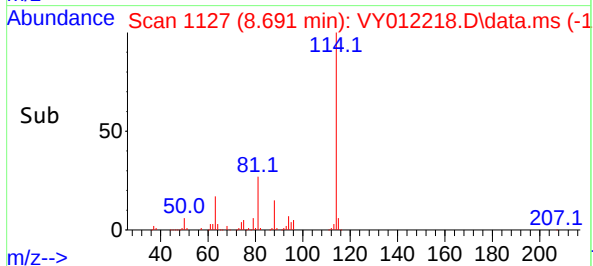
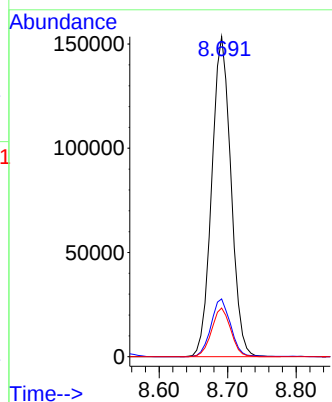
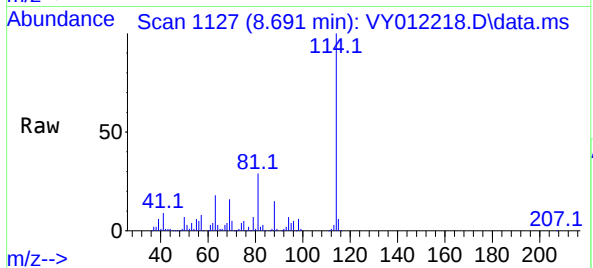
Tgt Ion:114 Resp: 297961

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 54.439 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012218.D

Acq: 17 Jan 2023 12:39

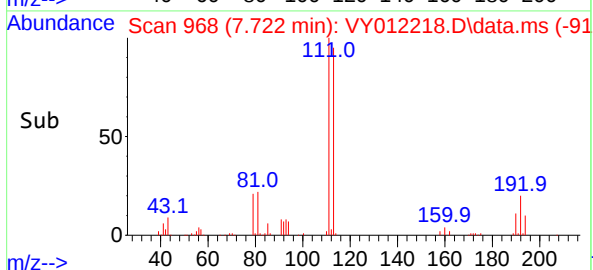
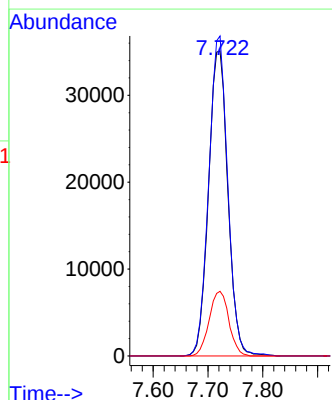
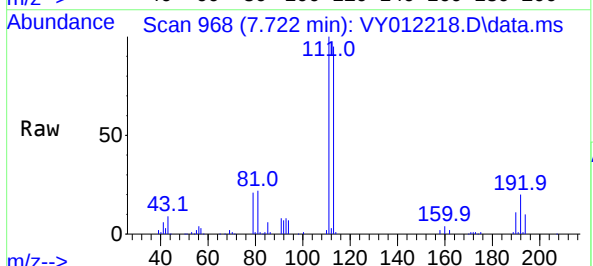
Tgt Ion:113 Resp: 85889

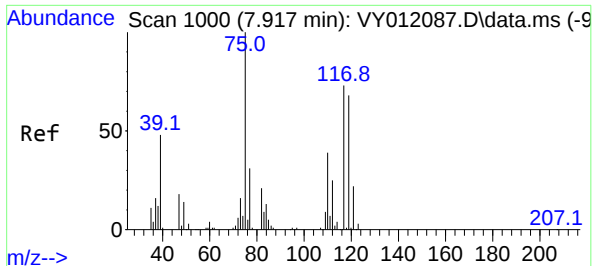
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 21.6 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.468 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012218.D

Acq: 17 Jan 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-ELIZABETH

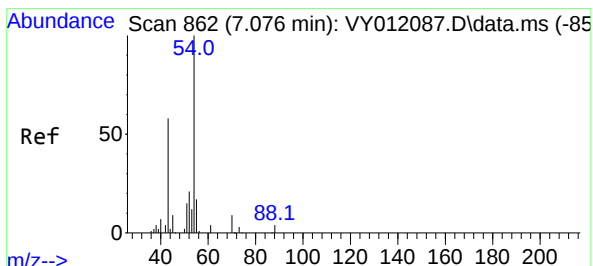
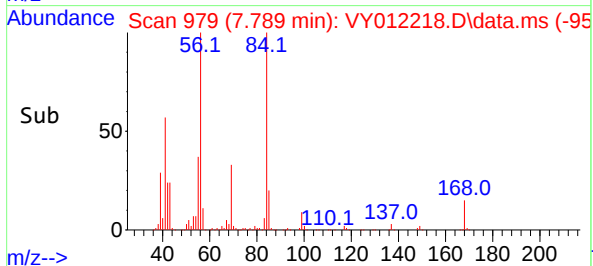
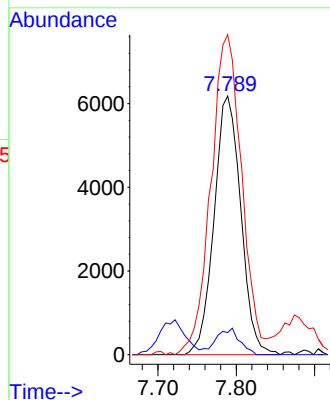
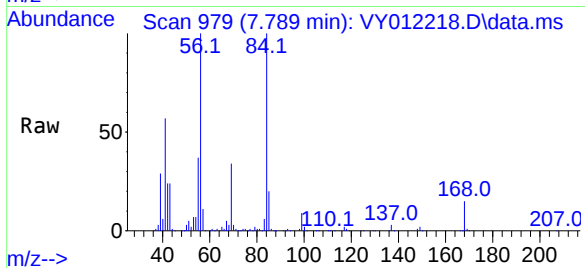
Tgt Ion: 75 Resp: 14661

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.1#

77 142.6 25.1 37.7#



#37

Ethyl Acetate

Concen: 10.764 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.098 min

Lab File: VY012218.D

Acq: 17 Jan 2023 12:39

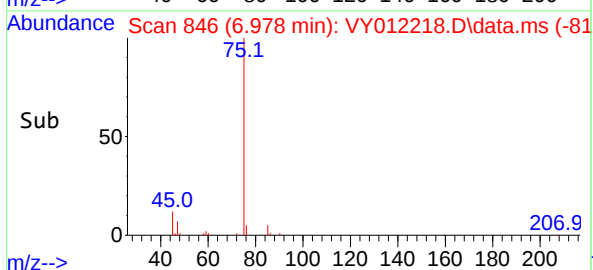
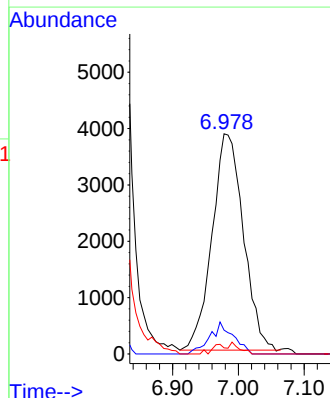
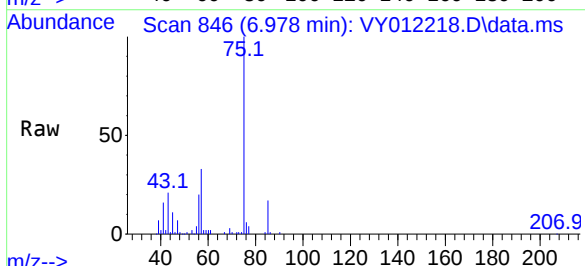
Tgt Ion: 43 Resp: 12724

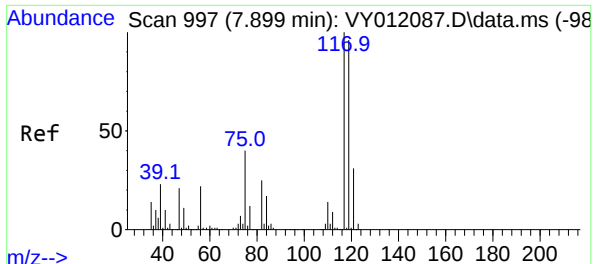
Ion Ratio Lower Upper

43 100

61 11.0 11.3 16.9#

70 0.0 8.2 12.4#

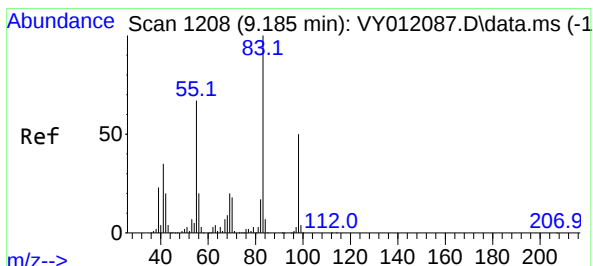
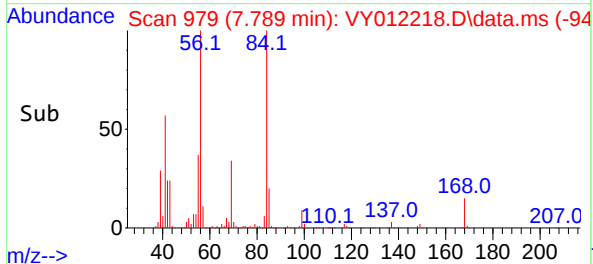
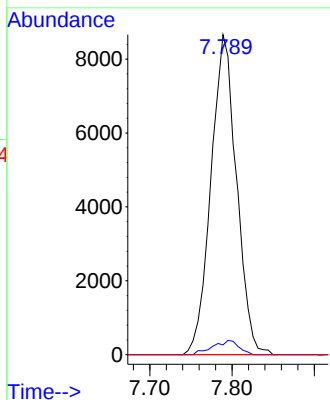
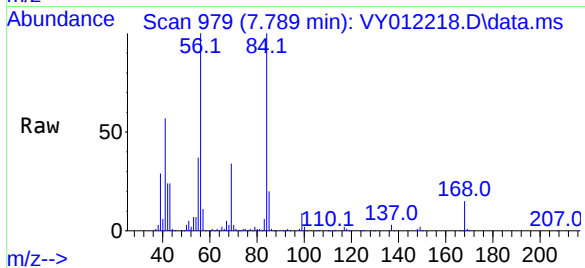




#38
Carbon Tetrachloride
Concen: 5.403 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

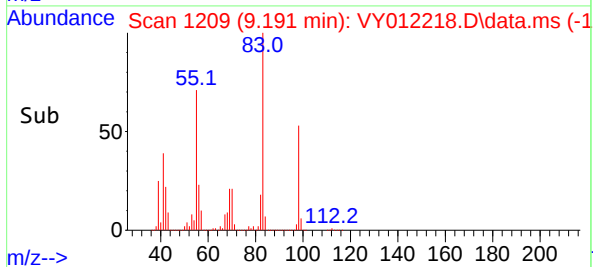
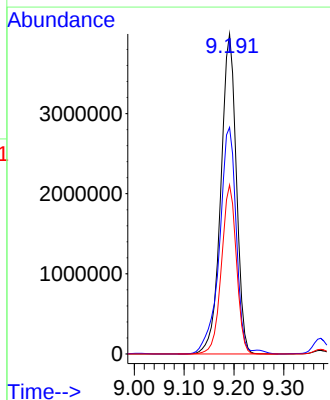
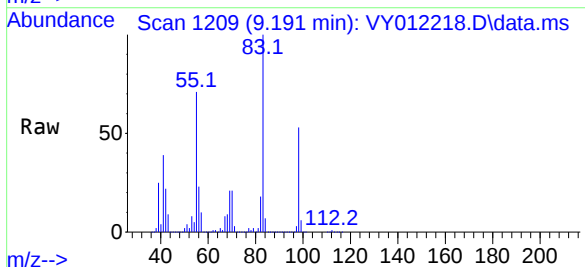
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

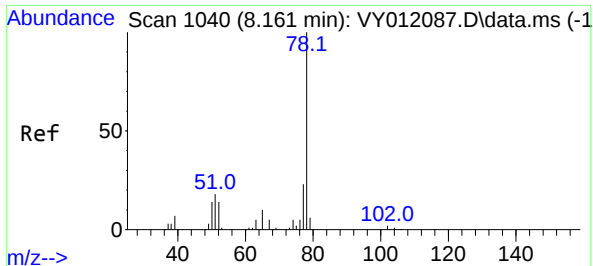
Tgt Ion:117 Resp: 18710
Ion Ratio Lower Upper
117 100
119 3.0 73.8 110.8#
121 0.0 25.2 37.8#



#39
Methylcyclohexane
Concen: 2625.549 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 83 Resp: 8603217
Ion Ratio Lower Upper
83 100
55 70.8 58.2 87.2
98 52.8 38.6 58.0

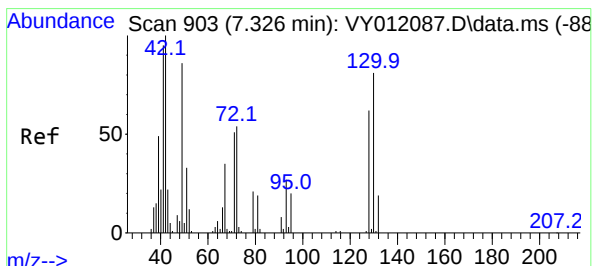
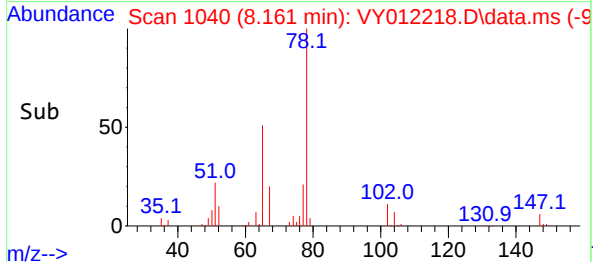
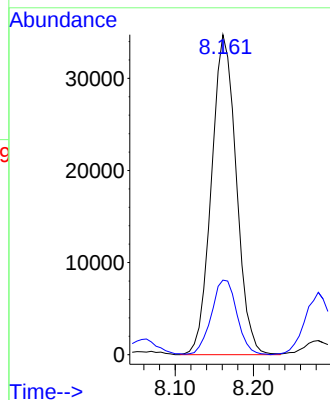
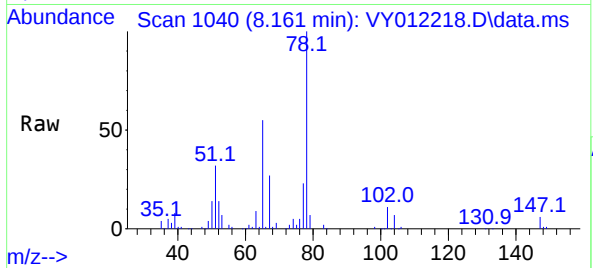




#40
Benzene
Concen: 9.891 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

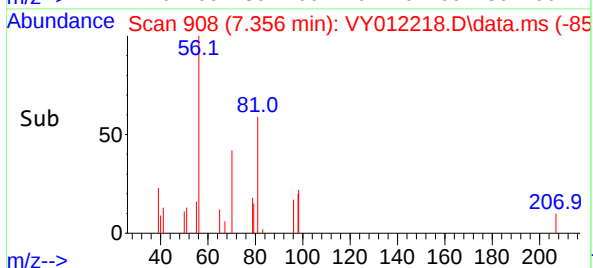
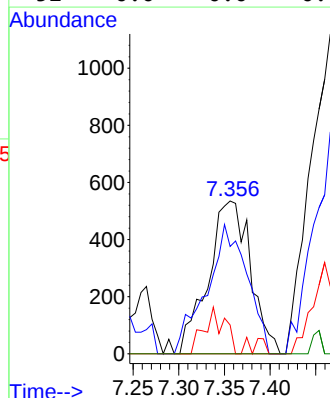
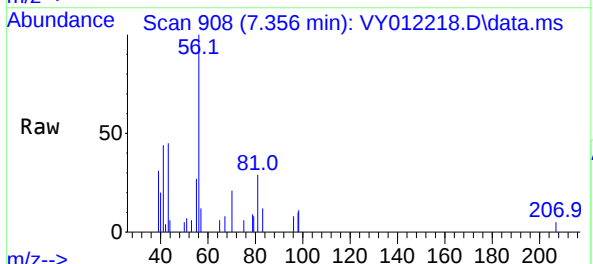
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

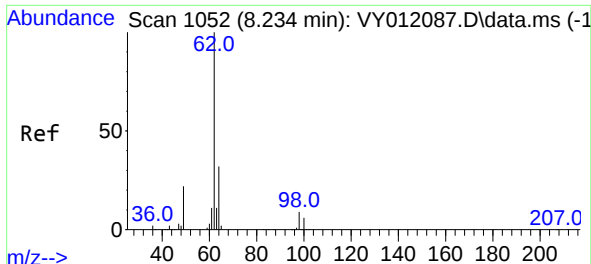
Tgt Ion: 78 Resp: 76546
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8



#41
Methacrylonitrile
Concen: 2.481 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.030 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 41 Resp: 1724
Ion Ratio Lower Upper
41 100
39 81.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

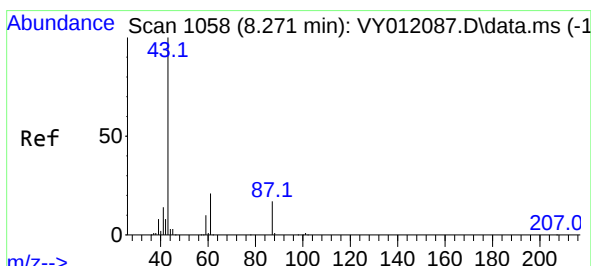
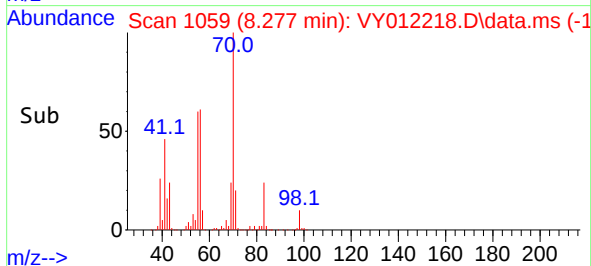
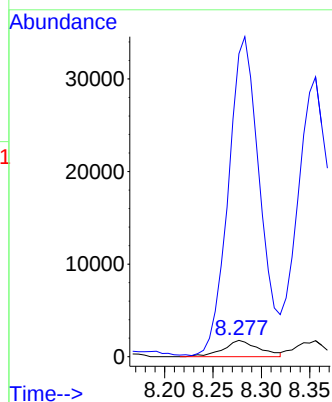
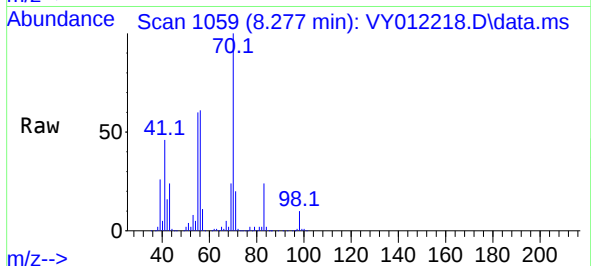




#42
1,2-Dichloroethane
Concen: 1.824 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.043 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

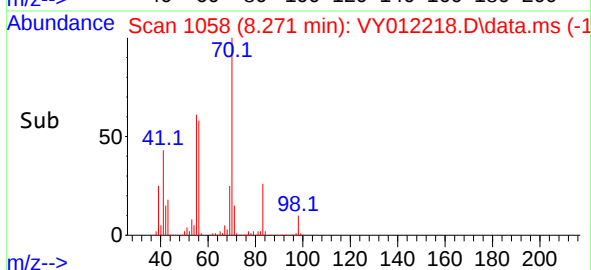
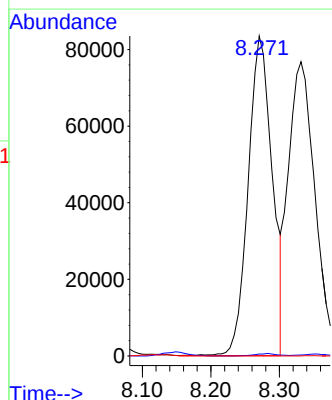
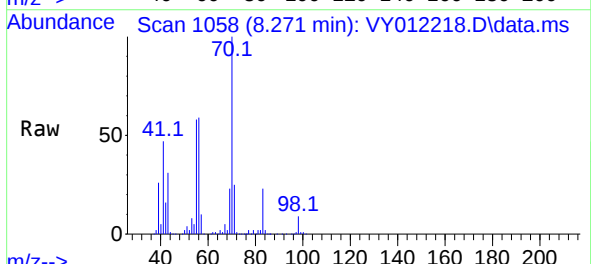
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

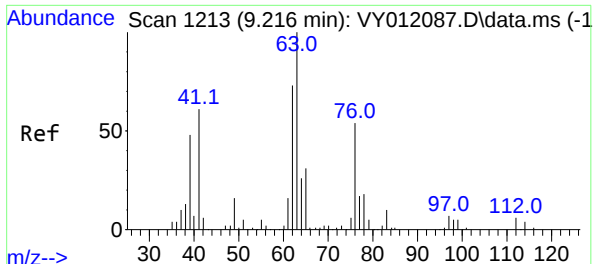
Tgt Ion: 62 Resp: 4494
Ion Ratio Lower Upper
62 100
98 1728.5 0.0 19.6#



#43
Isopropyl Acetate
Concen: 92.652 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 43 Resp: 203758
Ion Ratio Lower Upper
43 100
61 0.7 24.4 36.6#
87 0.0 11.4 17.2#





#45

1,2-Dichloropropane

Concen: 65.914 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.025 min

Lab File: VY012218.D

Acq: 17 Jan 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

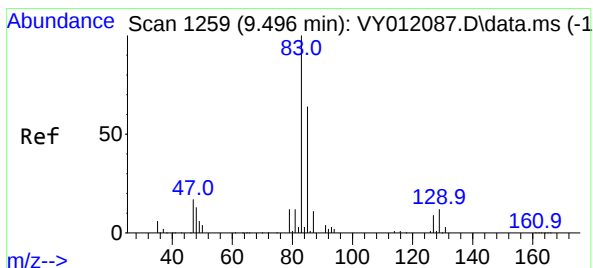
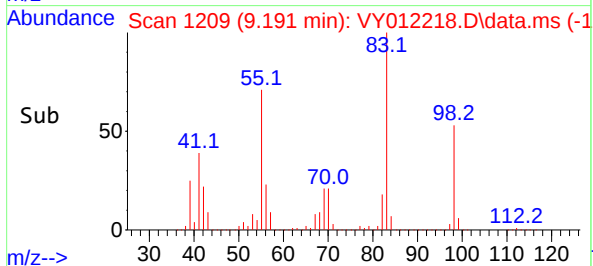
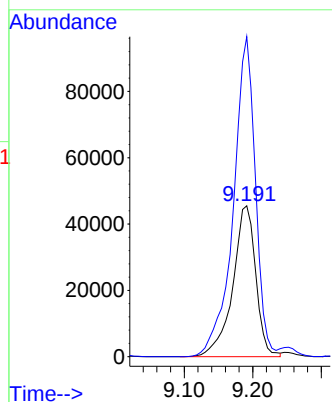
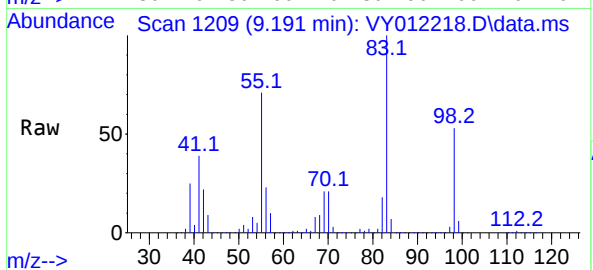
WASTE-ELIZABETH

Tgt Ion: 63 Resp: 106441

Ion Ratio Lower Upper

63 100

65 212.0 24.9 37.3#



#47

Bromodichloromethane

Concen: 39.822 ug/l

RT: 9.612 min Scan# 1278

Delta R.T. 0.116 min

Lab File: VY012218.D

Acq: 17 Jan 2023 12:39

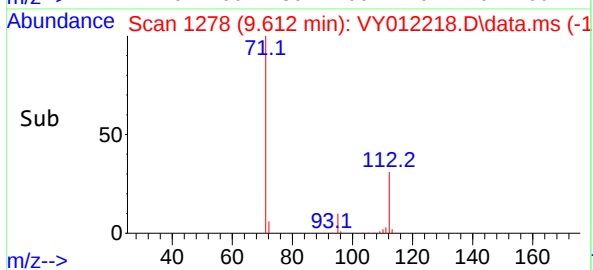
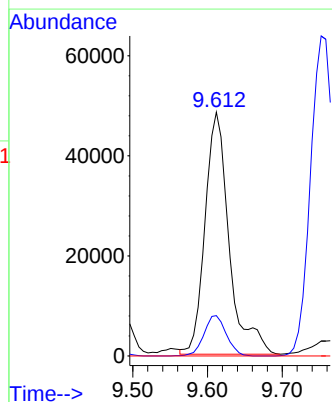
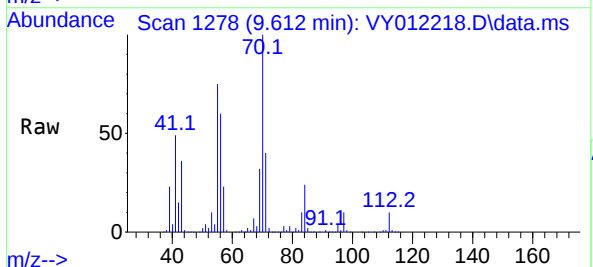
Tgt Ion: 83 Resp: 108366

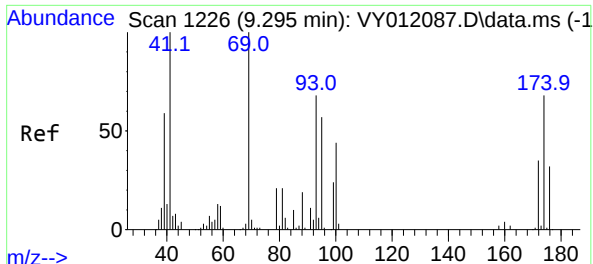
Ion Ratio Lower Upper

83 100

85 16.5 52.0 78.0#

127 0.0 7.3 10.9#

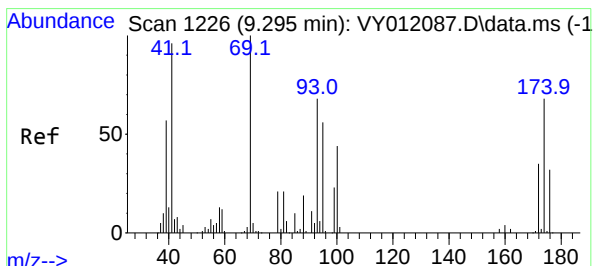
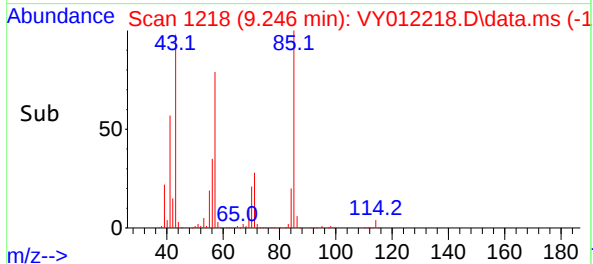
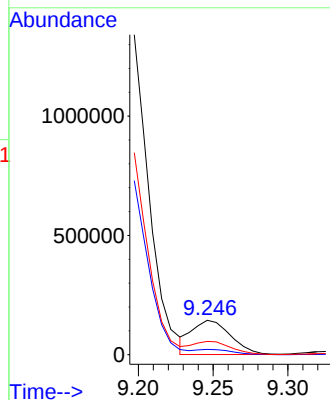
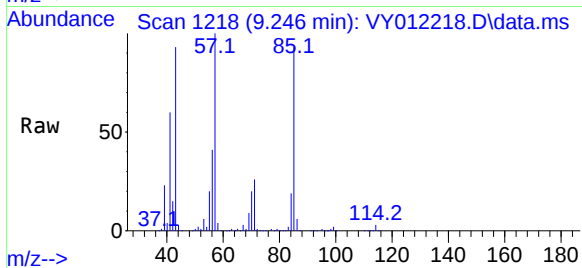




#48
Methyl methacrylate
Concen: 256.568 ug/l
RT: 9.246 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

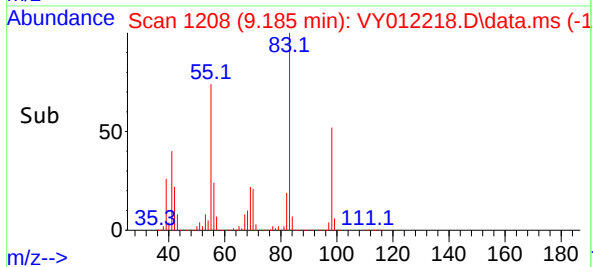
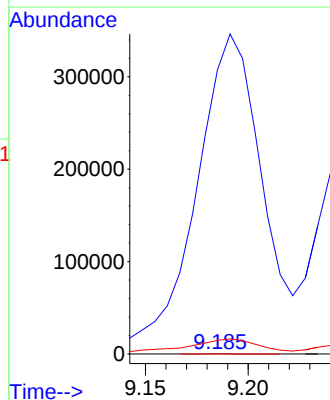
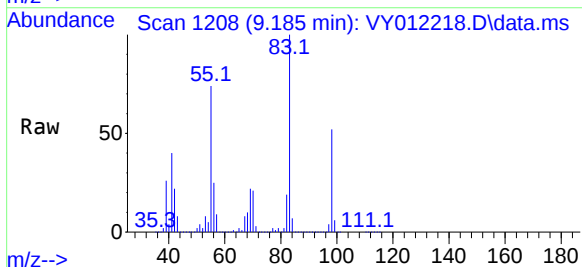
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

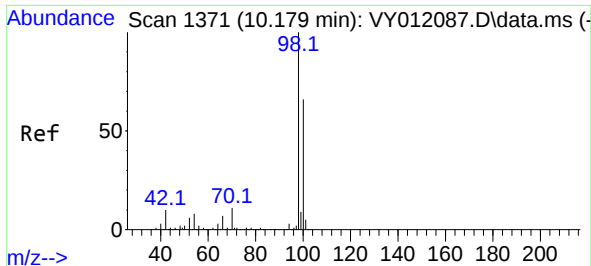
Tgt Ion: 41 Resp: 259977
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.2#
39 33.6 46.3 69.5#



#49
1,4-Dioxane
Concen: 10.590 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.110 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 88 Resp: 156
Ion Ratio Lower Upper
88 100
43 501951.9 26.2 39.2#
58 27647.4 54.3 81.5#

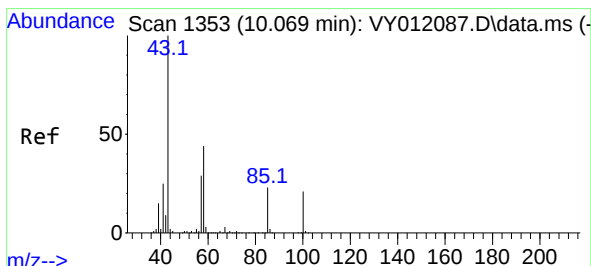
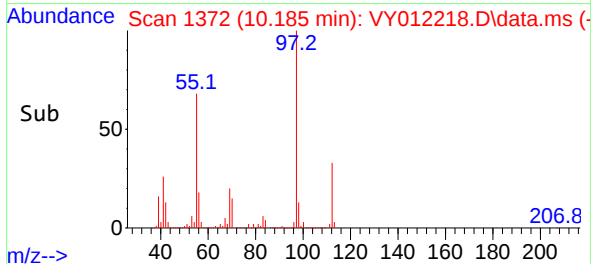
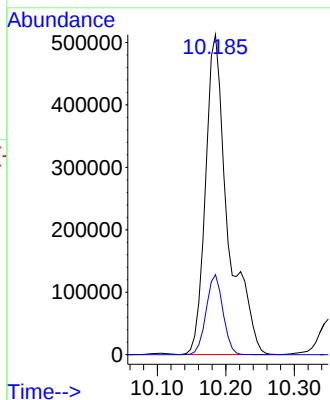
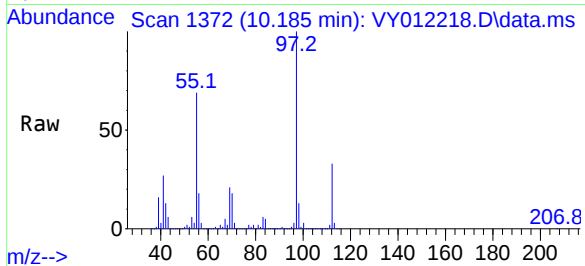




#50
Toluene-d8
Concen: 228.480 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

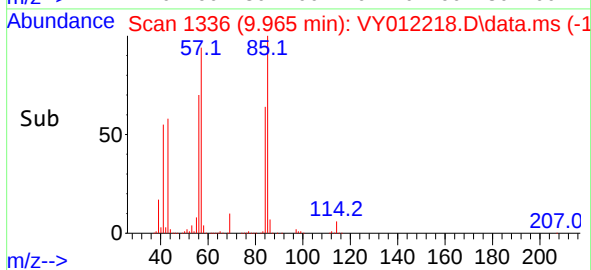
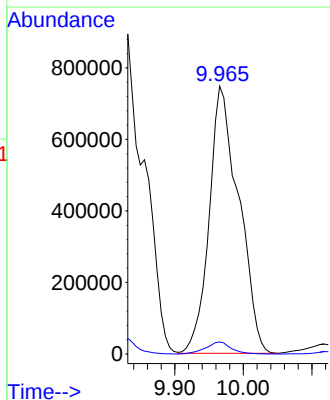
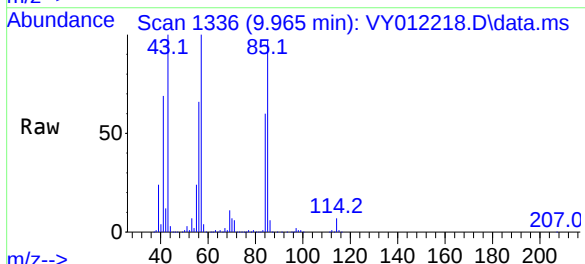
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

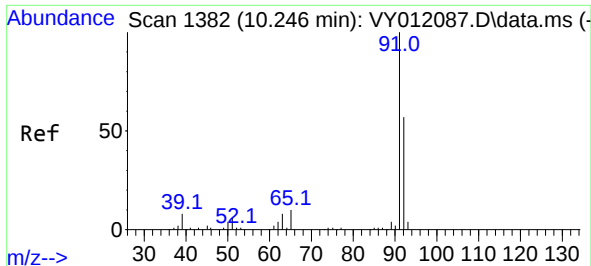
Tgt Ion: 98 Resp: 1164455
Ion Ratio Lower Upper
98 100
100 18.7 51.9 77.9#



#51
4-Methyl-2-Pentanone
Concen: 1913.126 ug/l
RT: 9.965 min Scan# 1336
Delta R.T. -0.104 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 43 Resp: 2243451
Ion Ratio Lower Upper
43 100
58 3.8 32.9 49.3#

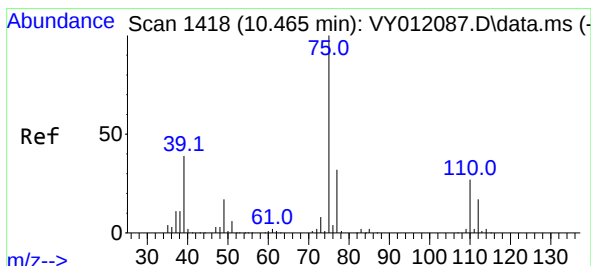
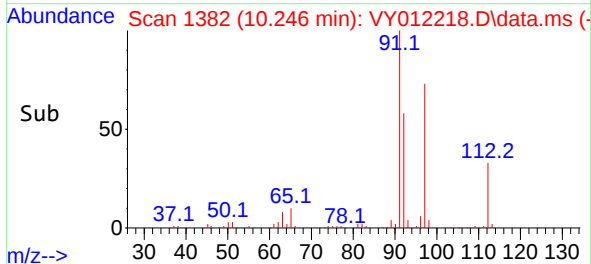
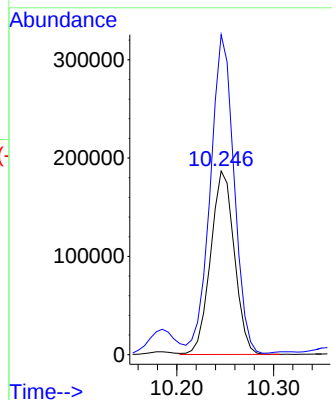
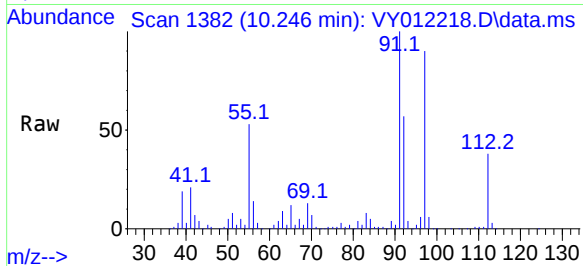




#52
Toluene
Concen: 61.705 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

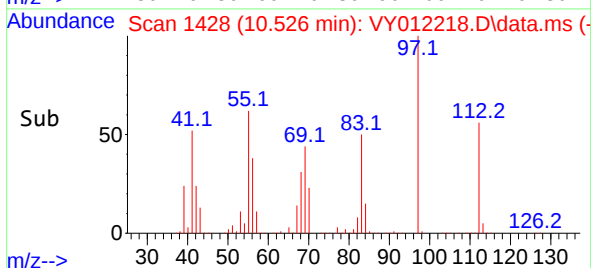
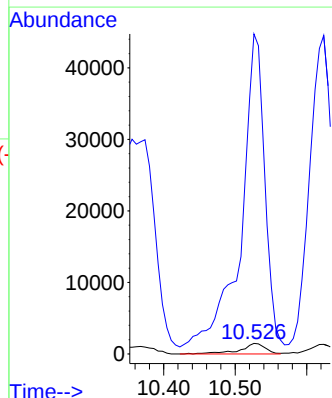
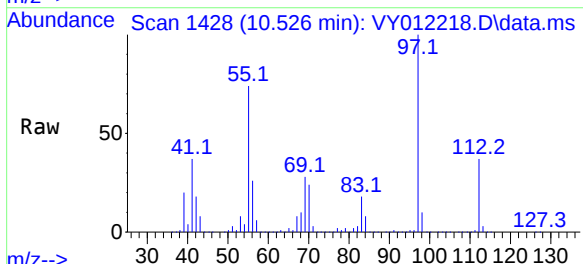
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

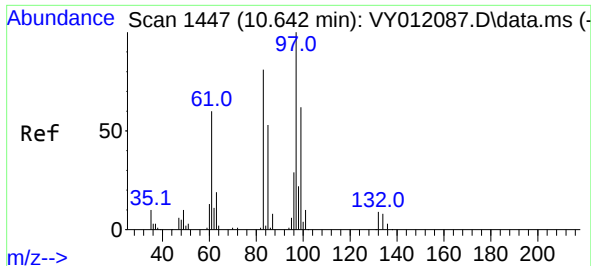
Tgt Ion: 92 Resp: 317952
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 1.281 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.061 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 75 Resp: 3646
Ion Ratio Lower Upper
75 100
77 2962.0 25.8 38.8#

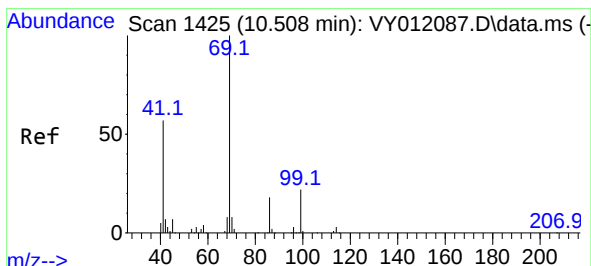
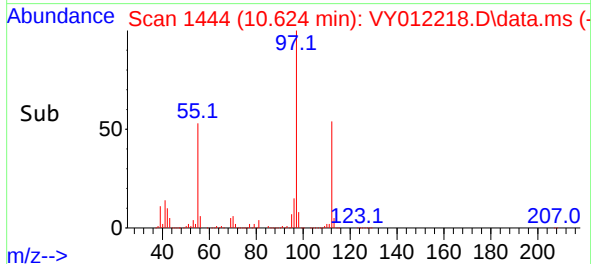
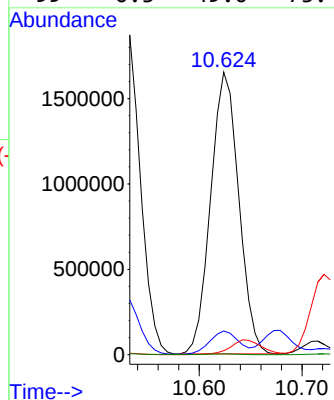
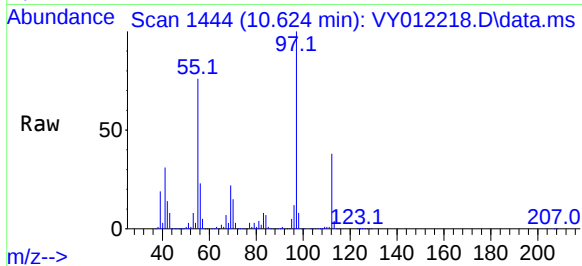




#55
1,1,2-Trichloroethane
Concen: 2038.900 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.018 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

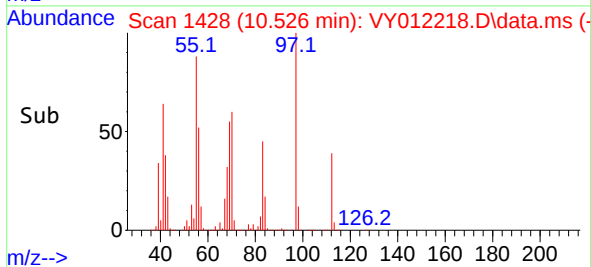
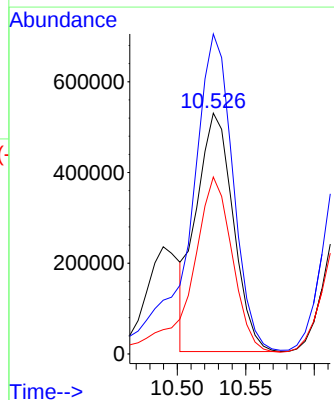
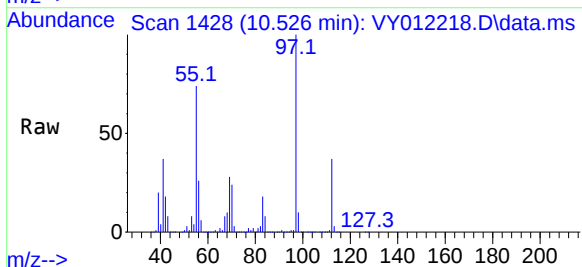
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

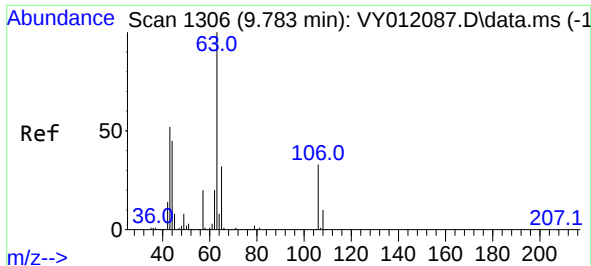
Tgt Ion: 97 Resp: 3131635
Ion Ratio Lower Upper
97 100
83 8.3 67.7 101.5#
85 1.4 43.8 65.8#
99 0.3 49.0 73.4#



#56
Ethyl methacrylate
Concen: 487.841 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.018 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 69 Resp: 983015
Ion Ratio Lower Upper
69 100
41 156.3 48.9 73.3#
39 82.5 25.9 38.9#





#58

2-Chloroethyl Vinyl ether

Concen: 3.735 ug/l

RT: 9.764 min Scan# 11

Delta R.T. -0.019 min

Lab File: VY012218.D

Acq: 17 Jan 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

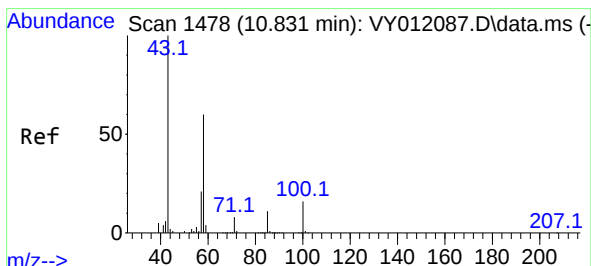
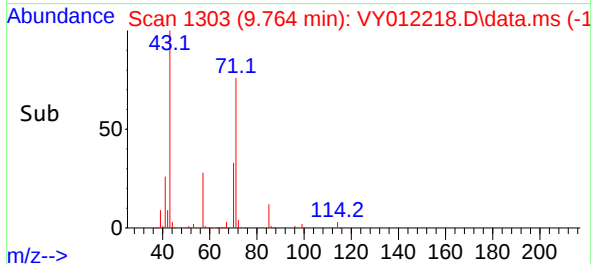
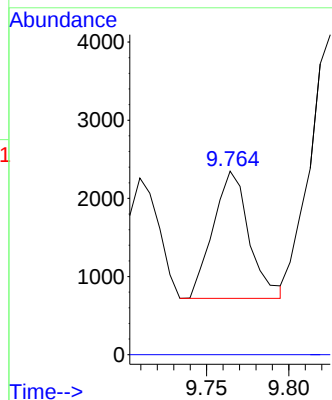
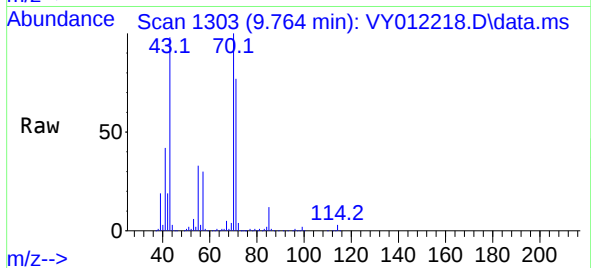
WASTE-ELIZABETH

Tgt Ion: 63 Resp: 2490

Ion Ratio Lower Upper

63 100

106 0.0 23.2 34.8#



#59

2-Hexanone

Concen: 3652.633 ug/l

RT: 10.813 min Scan# 1475

Delta R.T. -0.018 min

Lab File: VY012218.D

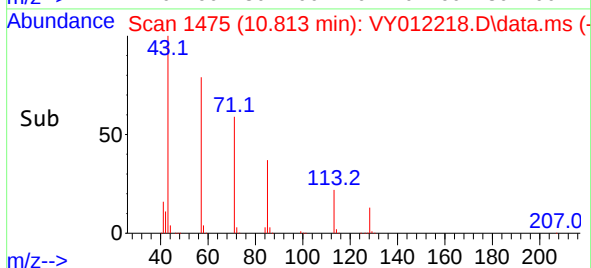
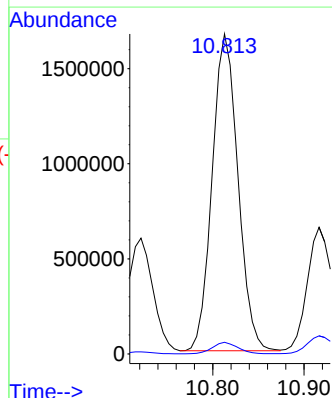
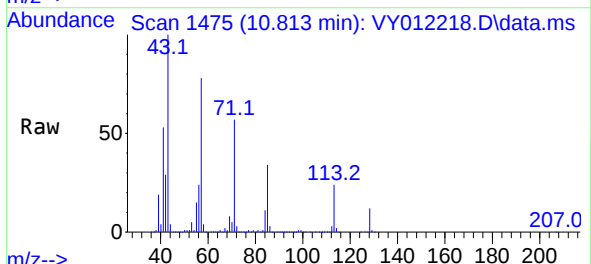
Acq: 17 Jan 2023 12:39

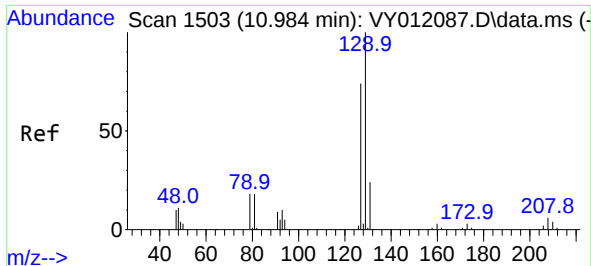
Tgt Ion: 43 Resp: 3261096

Ion Ratio Lower Upper

43 100

58 3.5 28.4 85.2#

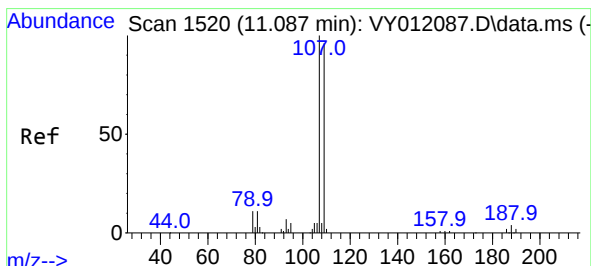
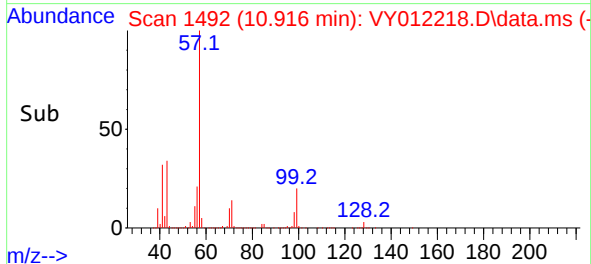
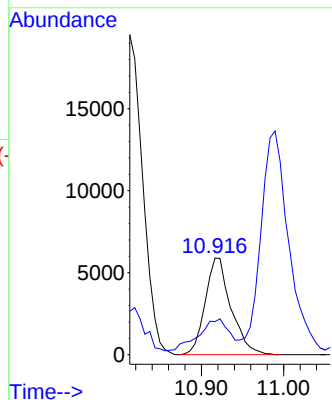
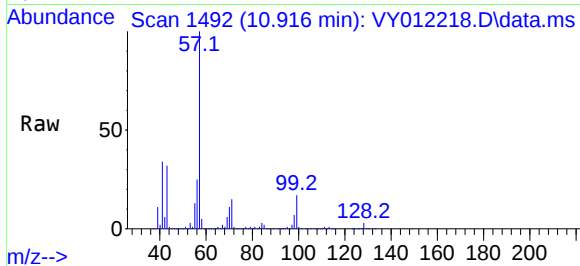




#60
Dibromochloromethane
Concen: 6.297 ug/l
RT: 10.916 min Scan# 1492
Delta R.T. -0.068 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

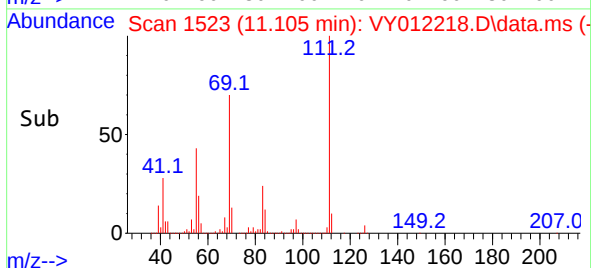
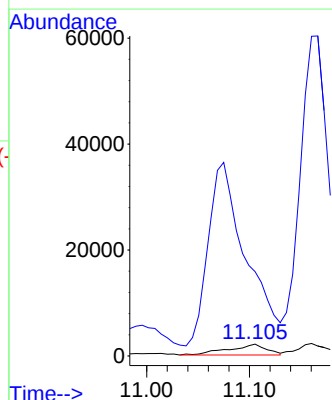
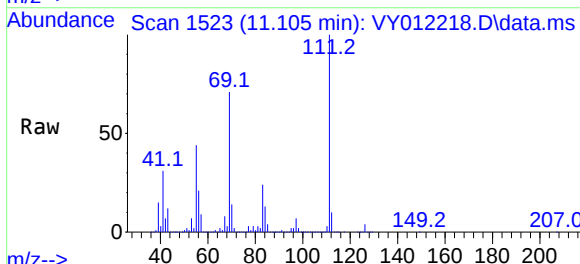
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

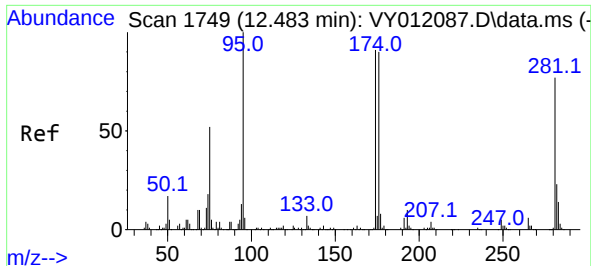
Tgt Ion:129 Resp: 12827
Ion Ratio Lower Upper
129 100
127 38.4 38.9 116.6#



#61
1,2-Dibromoethane
Concen: 3.571 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.018 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion:107 Resp: 5292
Ion Ratio Lower Upper
107 100
109 0.0 75.8 113.6#

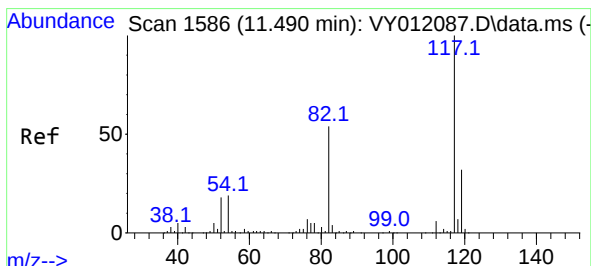
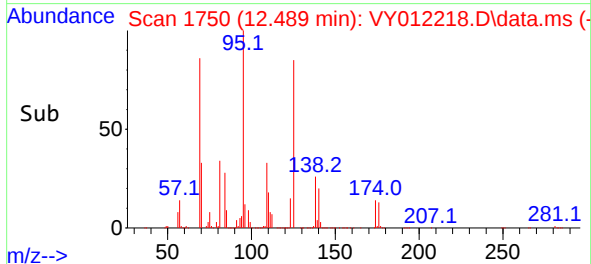
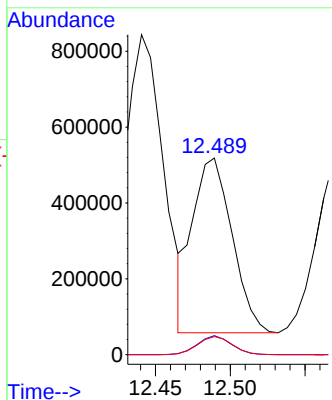
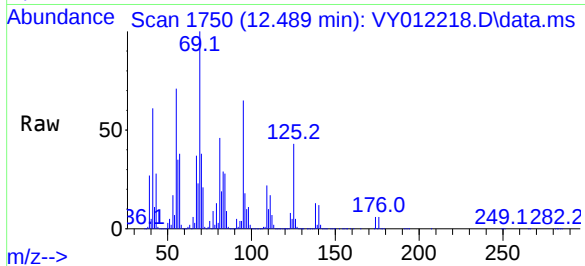




#62
4-Bromofluorobenzene
Concen: 382.061 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

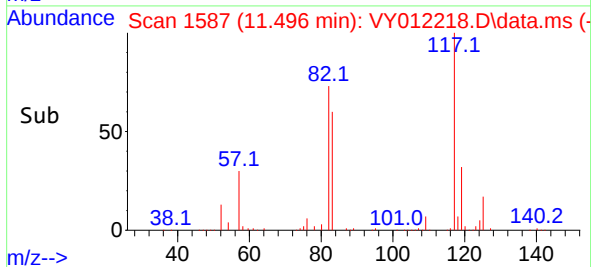
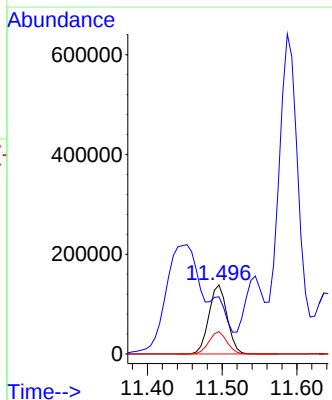
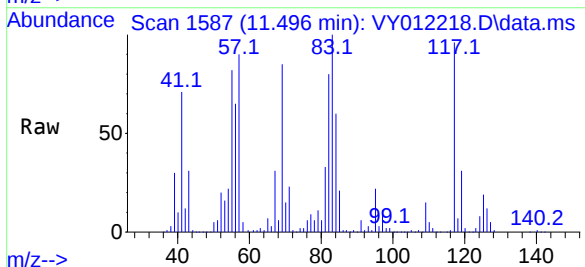
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

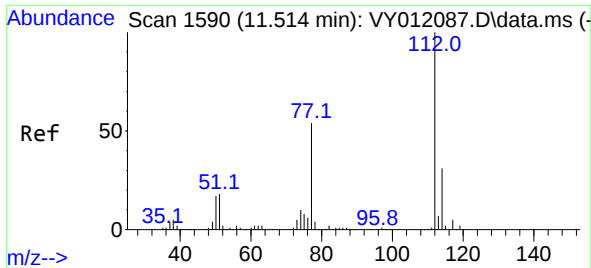
Tgt Ion: 95 Resp: 849734
Ion Ratio Lower Upper
95 100
174 9.2 0.0 172.0
176 9.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 117 Resp: 234478
Ion Ratio Lower Upper
117 100
82 0.0 44.8 67.2#
119 32.4 25.4 38.2

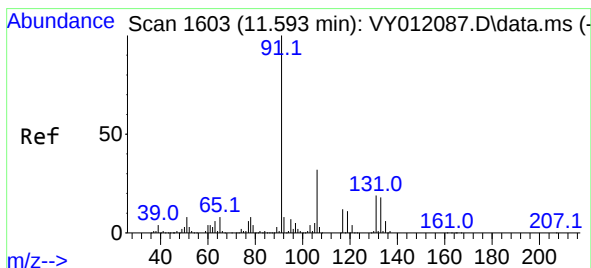
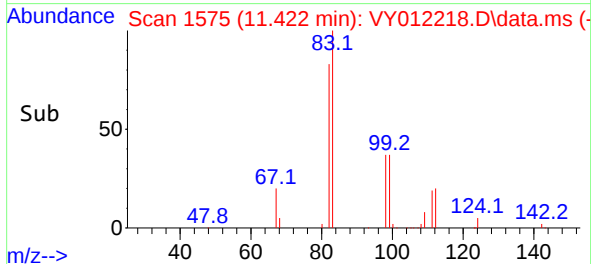
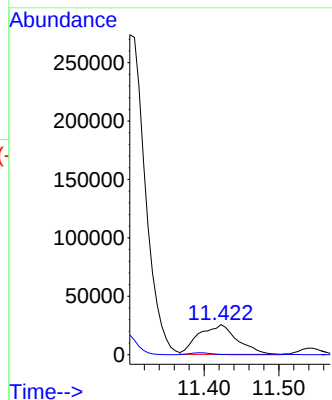
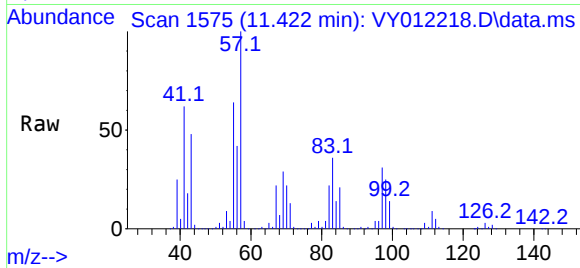




#65
Chlorobenzene
Concen: 18.778 ug/l
RT: 11.422 min Scan# 11
Delta R.T. -0.092 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

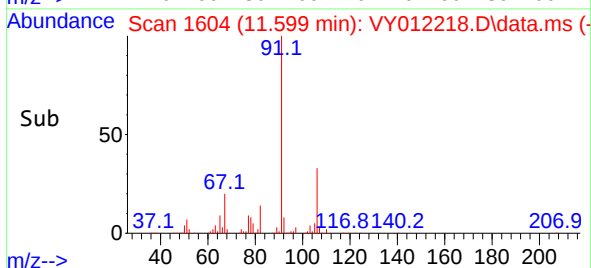
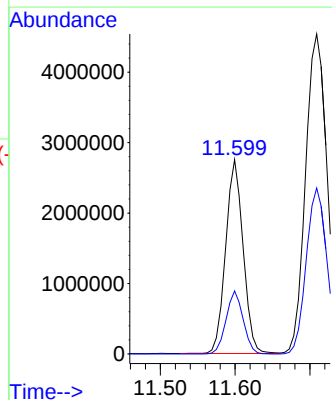
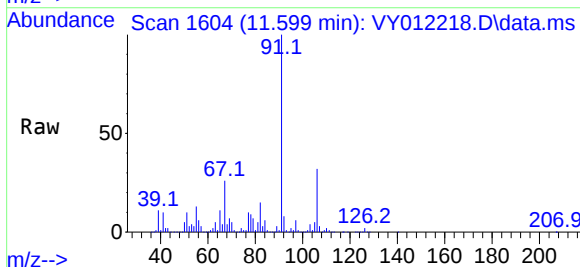
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

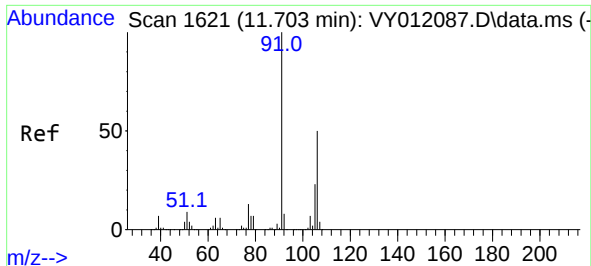
Tgt Ion:112 Resp: 90087
Ion Ratio Lower Upper
112 100
114 0.3 25.3 37.9#



#67
Ethyl Benzene
Concen: 521.908 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 91 Resp: 4474905
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.4

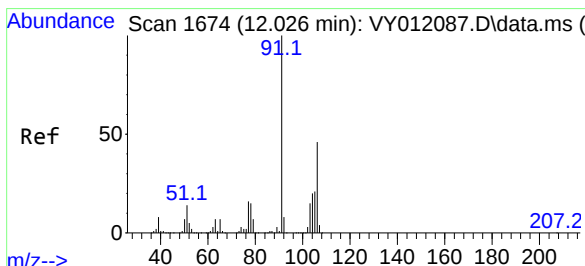
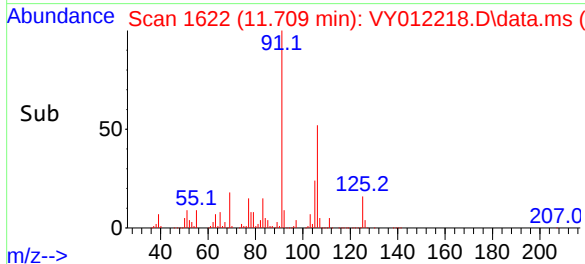
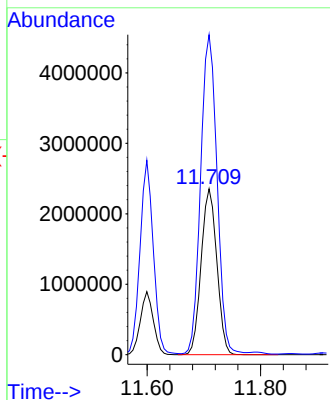
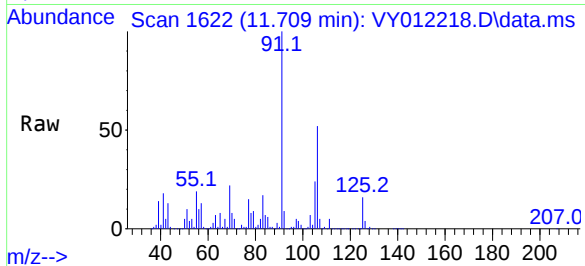




#68
m/p-Xylenes
Concen: 1328.883 ug/l
RT: 11.709 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

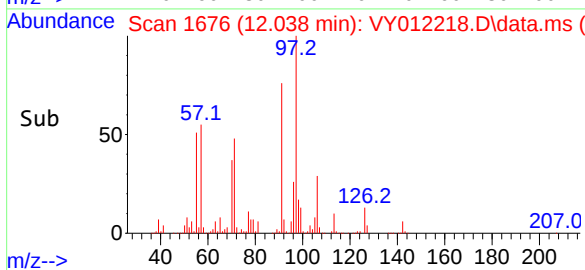
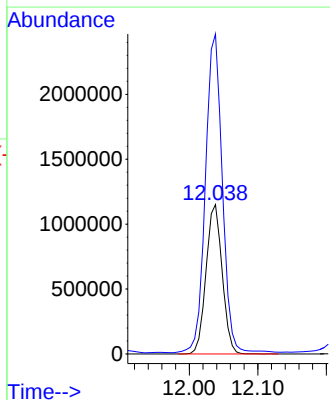
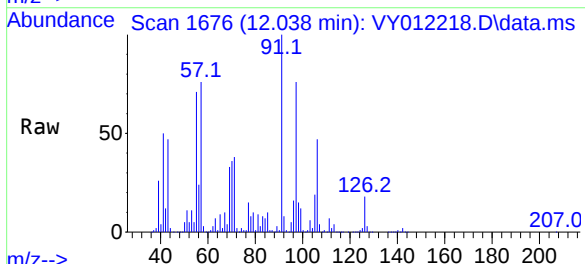
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

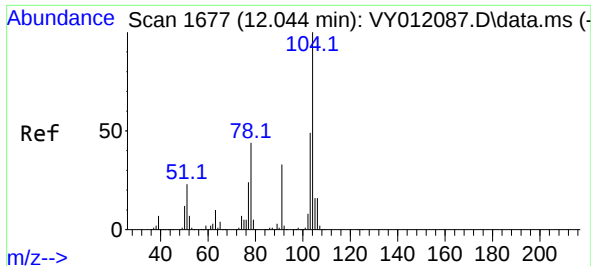
Tgt Ion:106 Resp: 4505028
Ion Ratio Lower Upper
106 100
91 200.5 162.5 243.7



#69
o-Xylene
Concen: 580.984 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion:106 Resp: 1881251
Ion Ratio Lower Upper
106 100
91 223.6 107.5 322.4

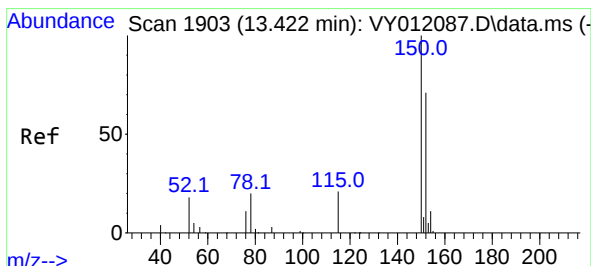
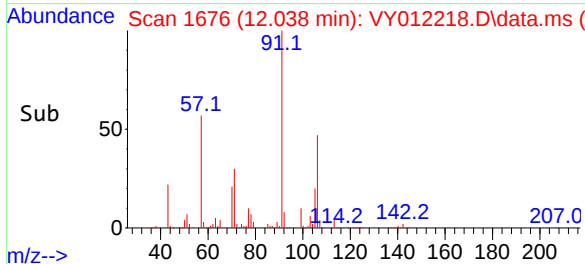
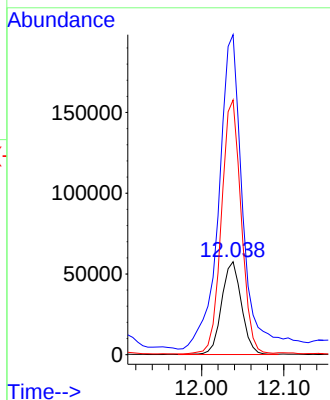
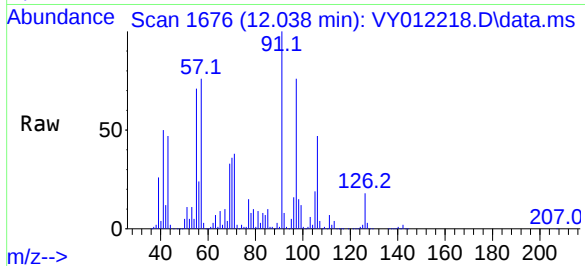




#70
Styrene
Concen: 17.758 ug/l
RT: 12.038 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

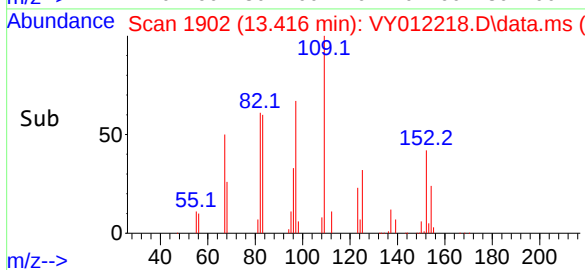
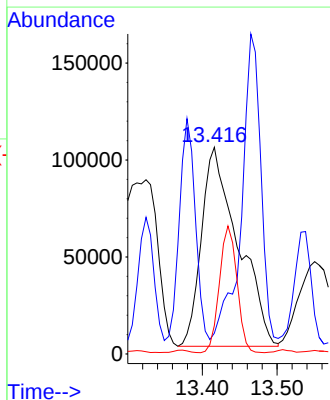
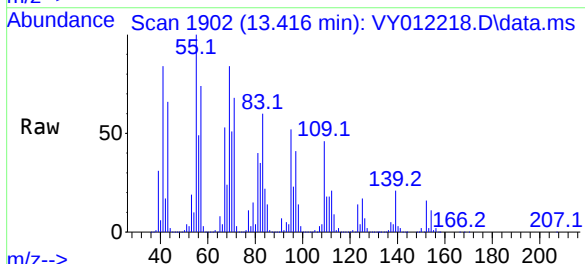
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

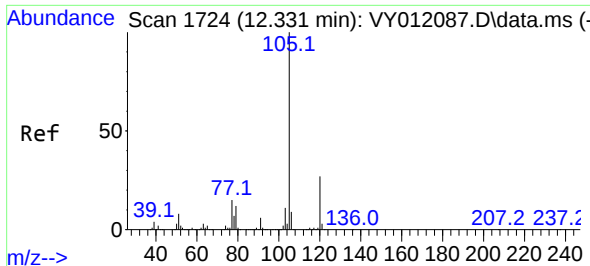
Tgt Ion:104 Resp: 96073
Ion Ratio Lower Upper
104 100
78 412.2 39.4 59.0#
103 273.5 43.0 64.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion:152 Resp: 350172
Ion Ratio Lower Upper
152 100
115 0.0 29.1 87.3#
150 30.5 0.0 342.6

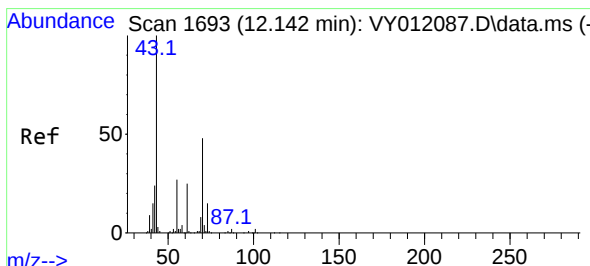
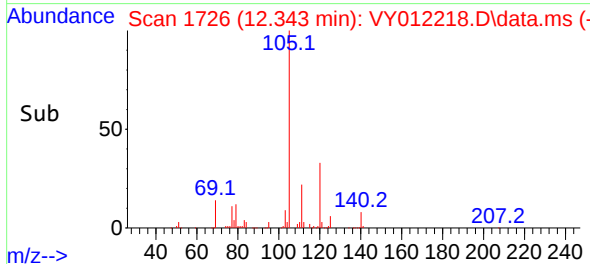
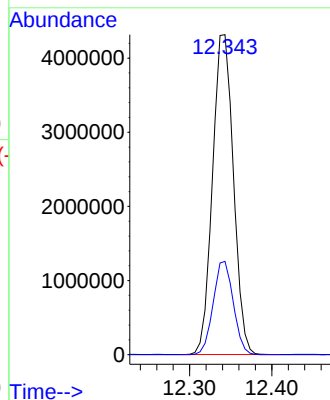
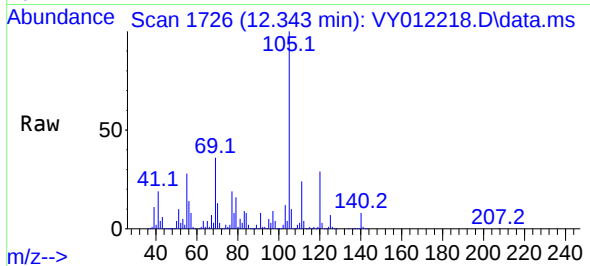




#73
Isopropylbenzene
Concen: 301.525 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

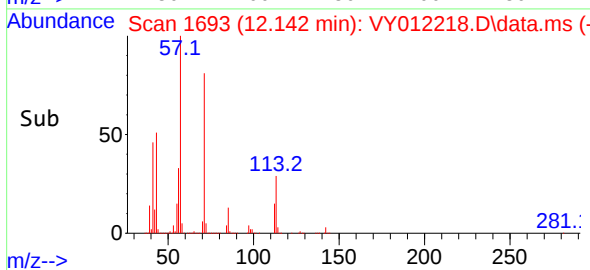
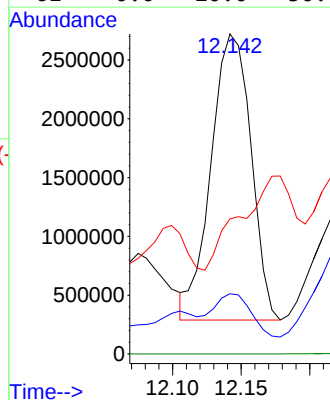
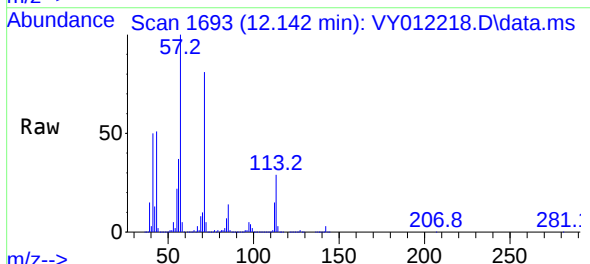
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

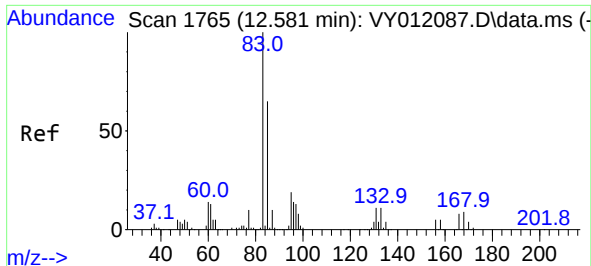
Tgt Ion:105 Resp: 7613685
Ion Ratio Lower Upper
105 100
120 28.1 13.2 39.6



#74
N-ethyl acetate
Concen: 995.816 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 43 Resp: 4929078
Ion Ratio Lower Upper
43 100
70 14.7 35.8 53.8#
55 0.0 21.0 31.4#
61 0.0 20.0 30.0#

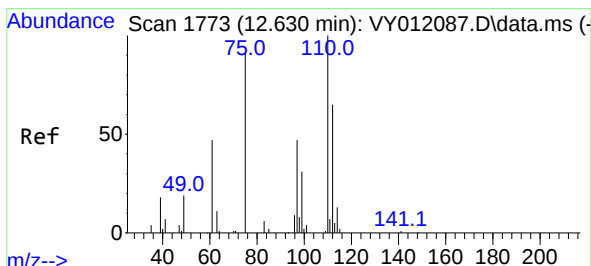
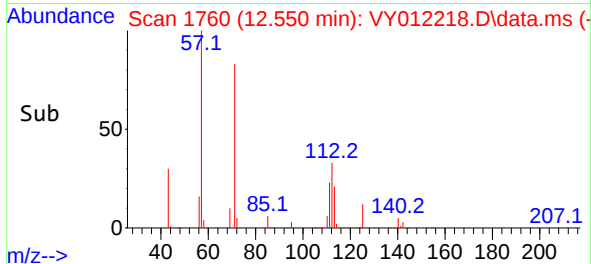
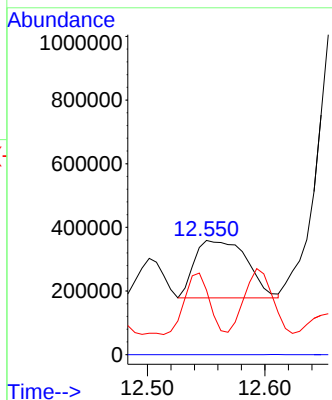
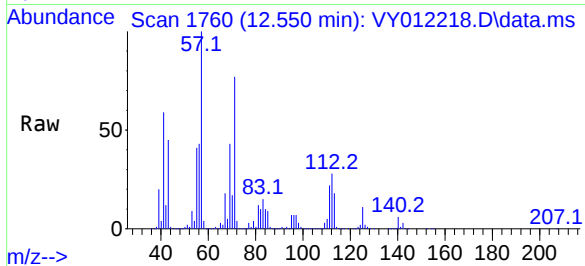




#75
1,1,2,2-Tetrachloroethane
Concen: 140.512 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.031 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

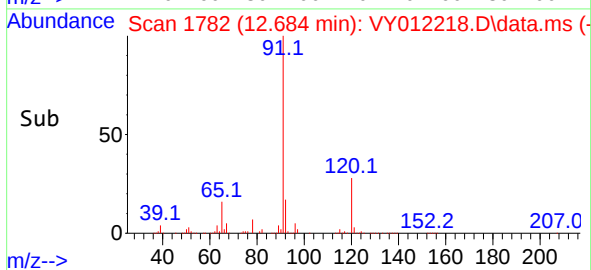
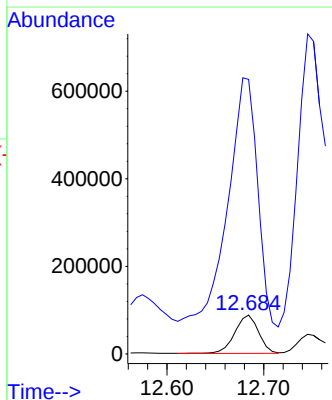
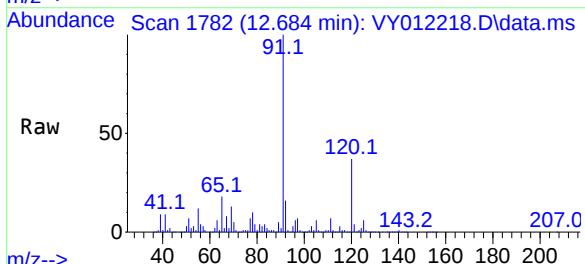
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

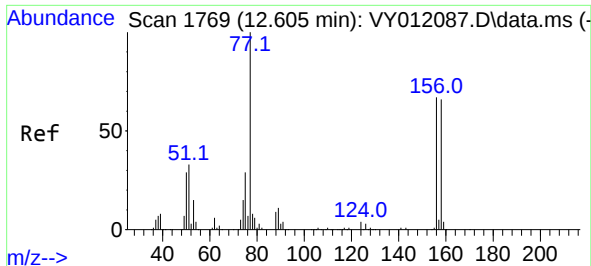
Tgt Ion: 83 Resp: 558850
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 49.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 46.408 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.054 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 75 Resp: 149432
Ion Ratio Lower Upper
75 100
77 816.1 0.0 0.0#

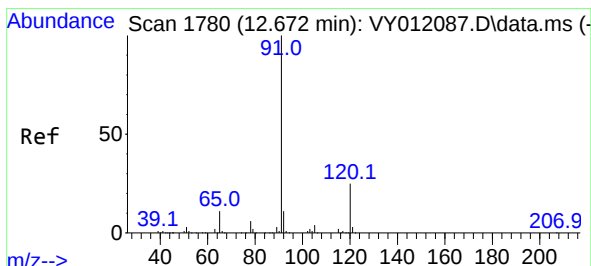
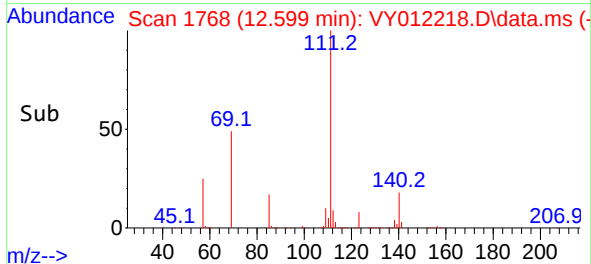
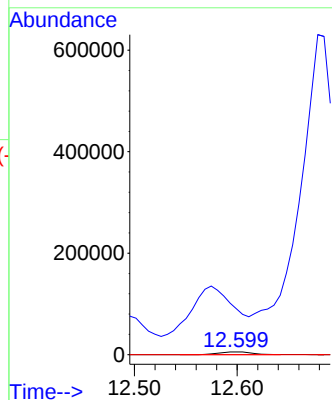
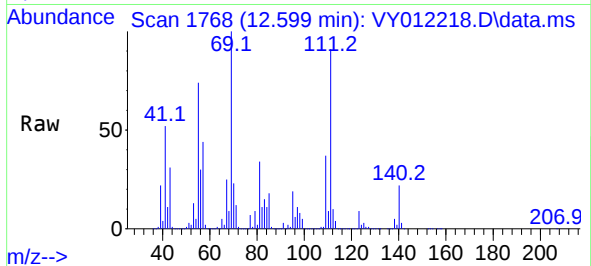




#77
Bromobenzene
Concen: 2.053 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

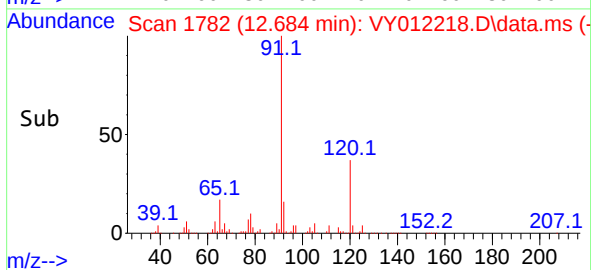
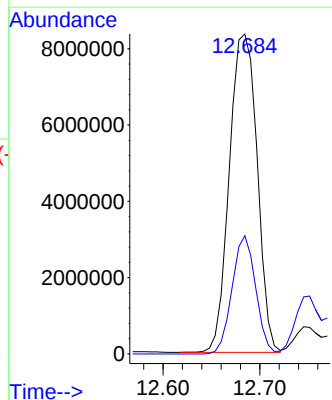
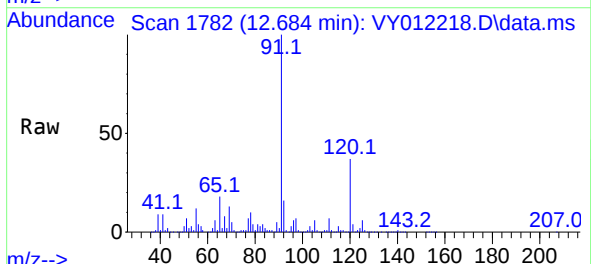
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

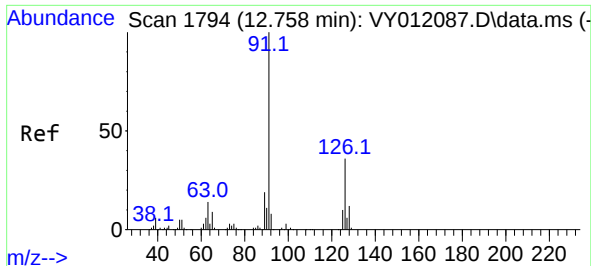
Tgt Ion:156 Resp: 12472
Ion Ratio Lower Upper
156 100
77 0.0 90.0 270.0#
158 1.7 48.4 145.2#



#78
n-propylbenzene
Concen: 564.216 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.012 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 91 Resp:16671312
Ion Ratio Lower Upper
91 100
120 31.5 11.8 35.4

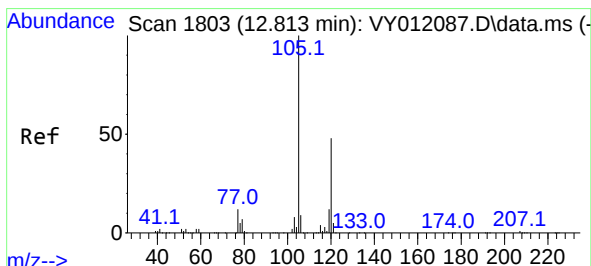
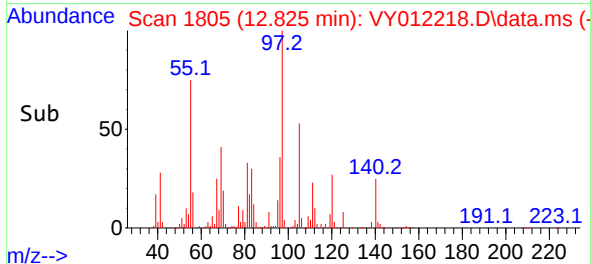
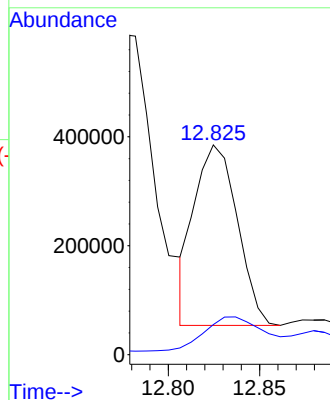
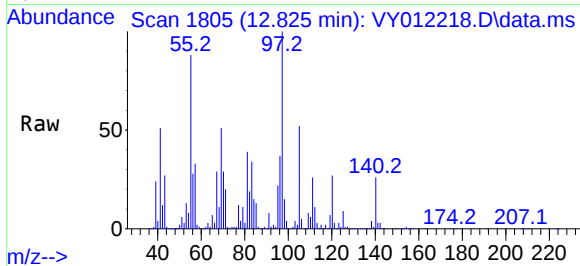




#79
2-Chlorotoluene
Concen: 32.327 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.067 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

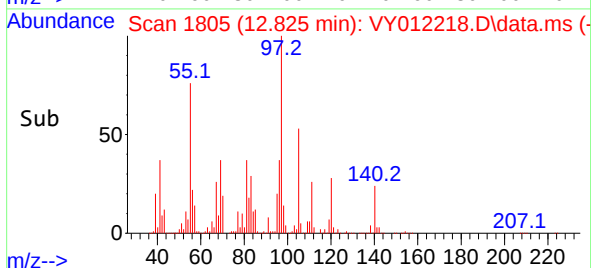
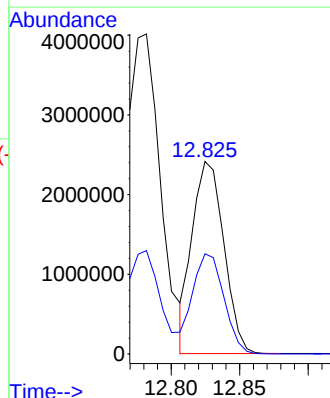
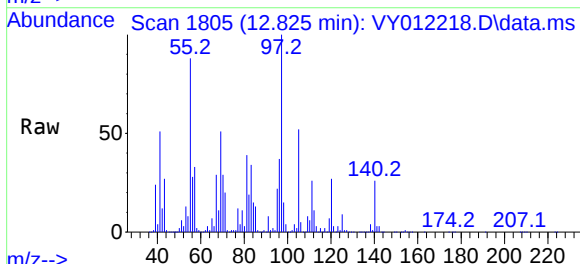
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

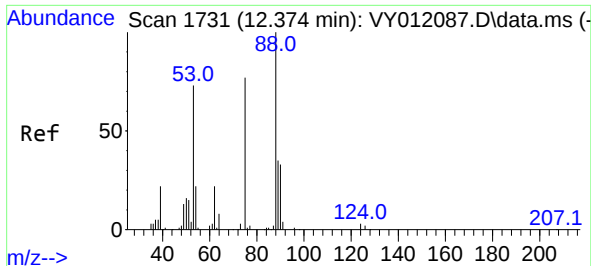
Tgt Ion: 91 Resp: 540058
Ion Ratio Lower Upper
91 100
126 26.1 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 176.235 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.012 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion:105 Resp: 3868484
Ion Ratio Lower Upper
105 100
120 53.9 24.2 72.6

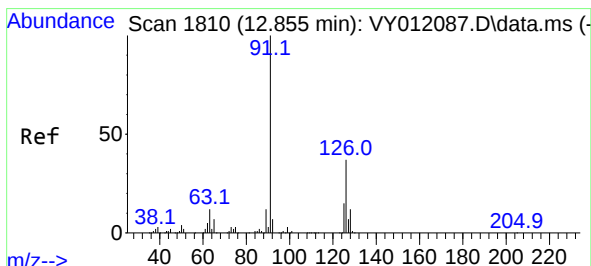
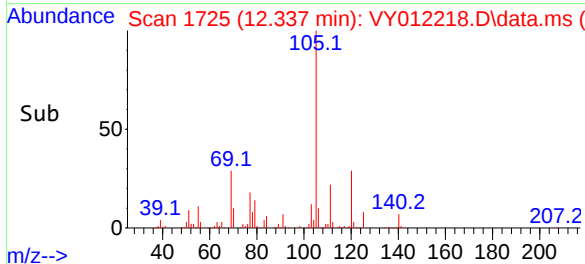
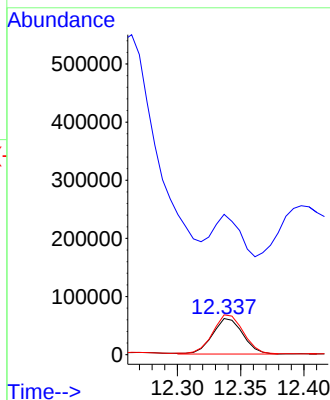
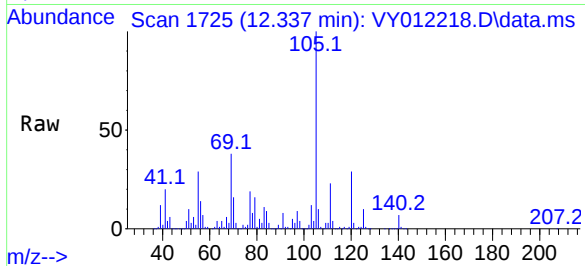




#81
trans-1,4-Dichloro-2-butene
Concen: 65.282 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

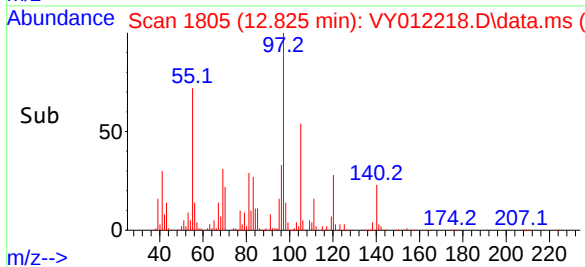
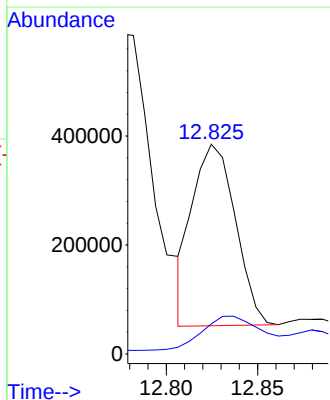
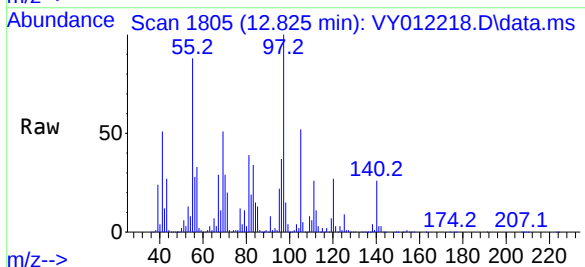
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

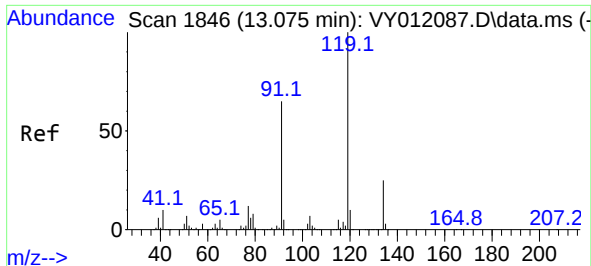
Tgt Ion: 75 Resp: 102019
Ion Ratio Lower Upper
75 100
53 185.0 72.5 108.7#
89 111.4 37.0 55.4#



#82
4-Chlorotoluene
Concen: 31.051 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.030 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 91 Resp: 544905
Ion Ratio Lower Upper
91 100
126 25.9 17.1 51.2

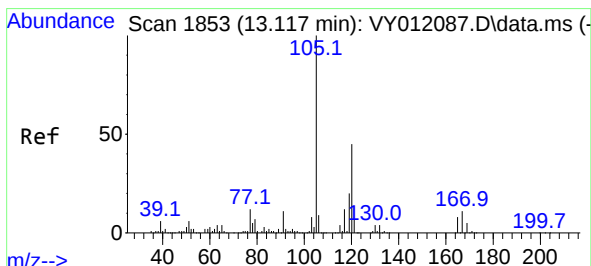
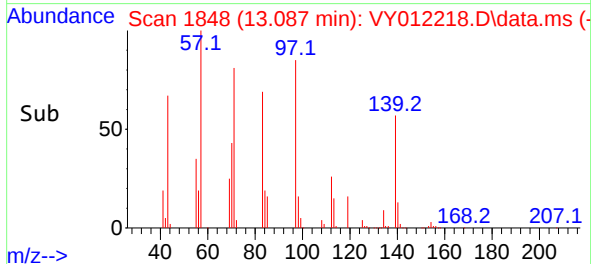
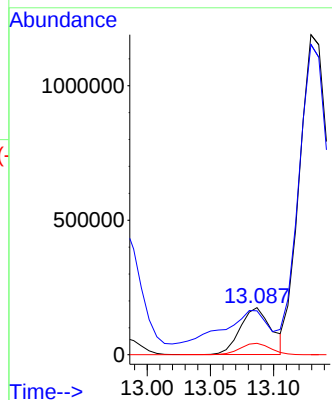
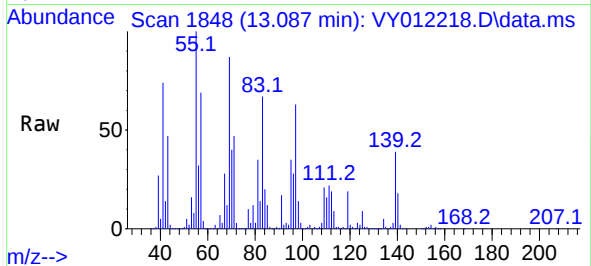




#83
tert-Butylbenzene
Concen: 15.643 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.012 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

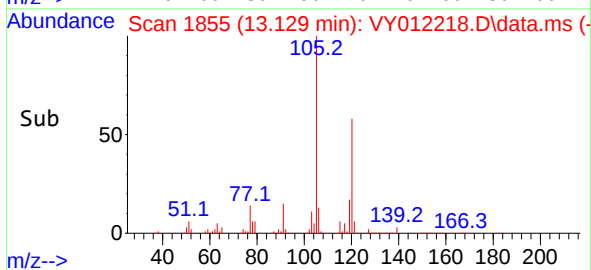
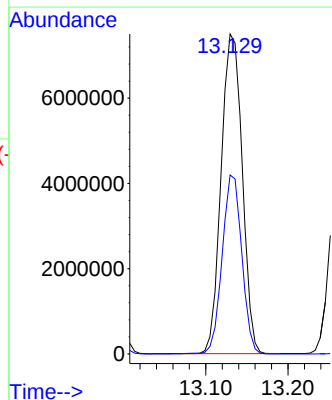
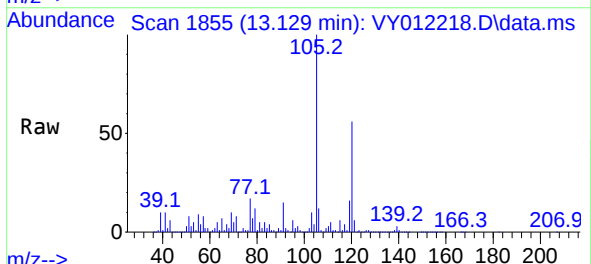
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

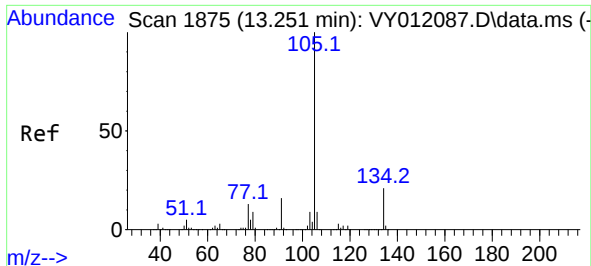
Tgt Ion:119 Resp: 299267
Ion Ratio Lower Upper
119 100
91 93.6 32.3 96.8
134 0.0 13.0 39.0#



#84
1,2,4-Trimethylbenzene
Concen: 618.163 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.012 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion:105 Resp:13381635
Ion Ratio Lower Upper
105 100
120 52.1 22.9 68.7

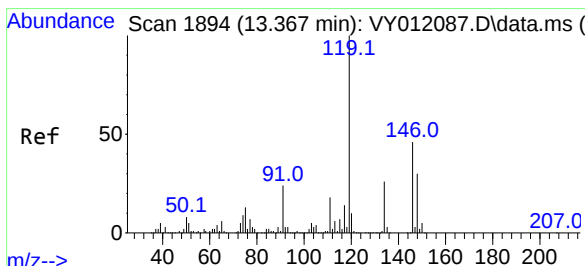
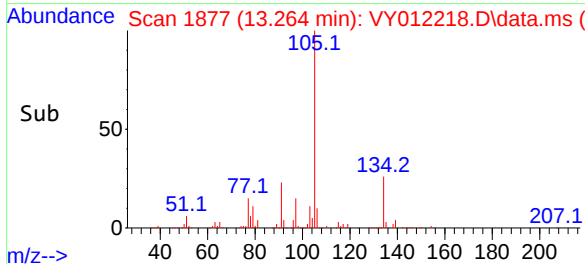
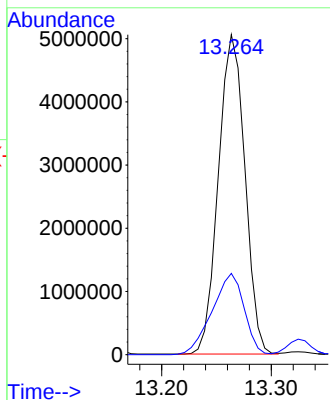
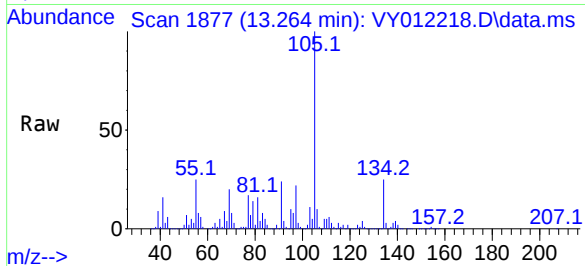




#85
 sec-Butylbenzene
 Concen: 311.850 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.013 min
 Lab File: VY012218.D
 Acq: 17 Jan 2023 12:39

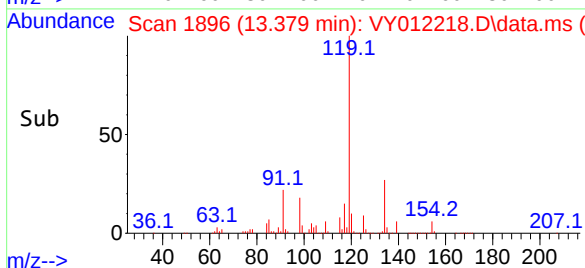
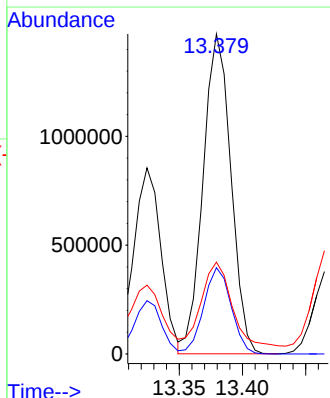
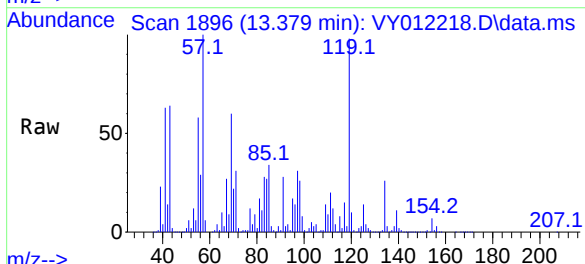
Instrument :
 MSVOA_Y
 ClientSampleId :
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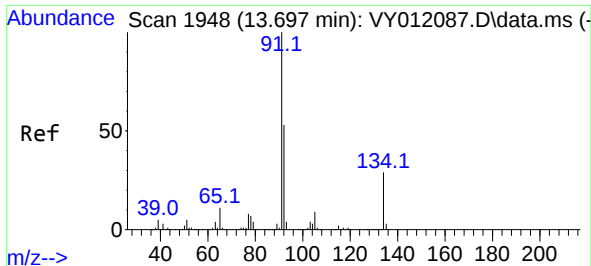
Tgt Ion:105 Resp: 8494364
 Ion Ratio Lower Upper
 105 100
 134 30.8 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 94.524 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.012 min
 Lab File: VY012218.D
 Acq: 17 Jan 2023 12:39

Tgt Ion:119 Resp: 2249543
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 27.9 11.9 35.9

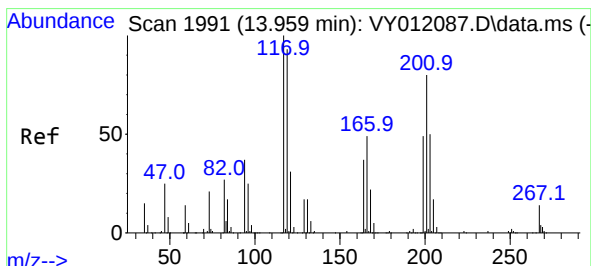
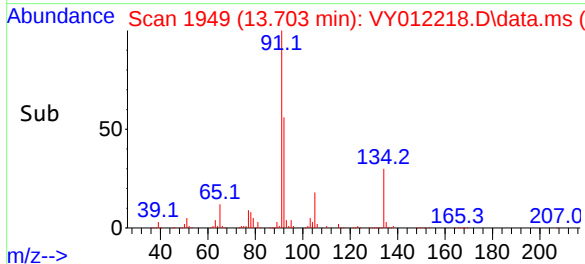
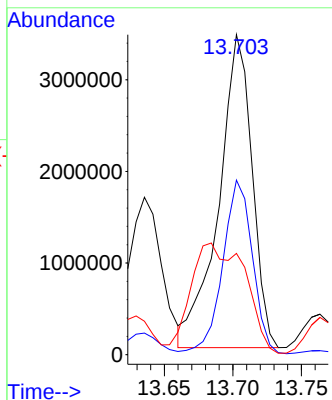
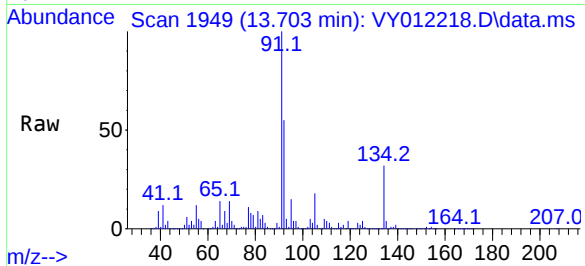




#89
n-Butylbenzene
Concen: 280.520 ug/l
RT: 13.703 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

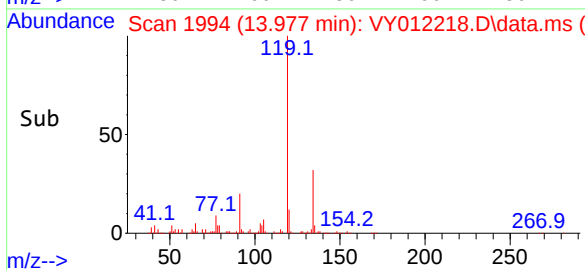
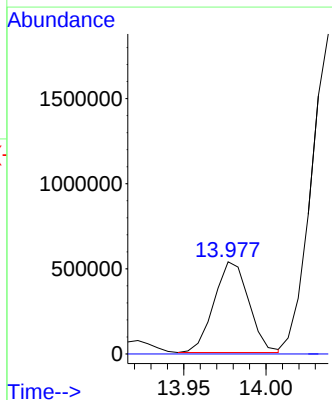
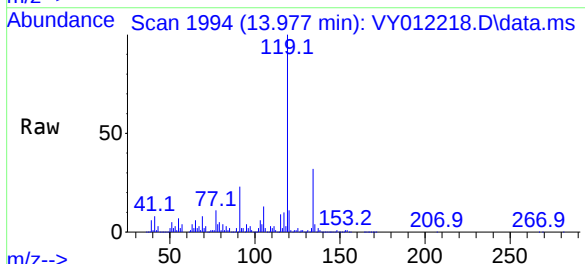
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

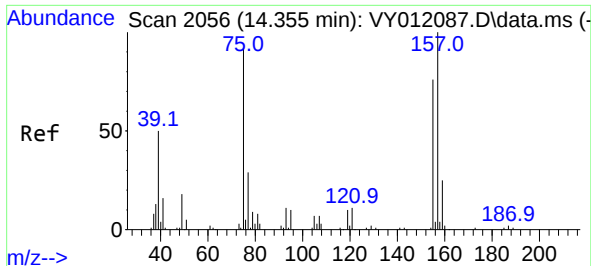
Tgt Ion: 91 Resp: 5785423
Ion Ratio Lower Upper
91 100
92 49.3 26.8 80.4
134 57.3 13.3 39.8#



#90
Hexachloroethane
Concen: 182.697 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion: 117 Resp: 784920
Ion Ratio Lower Upper
117 100
201 0.0 40.3 120.8#

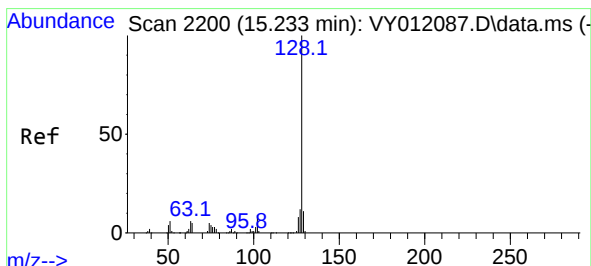
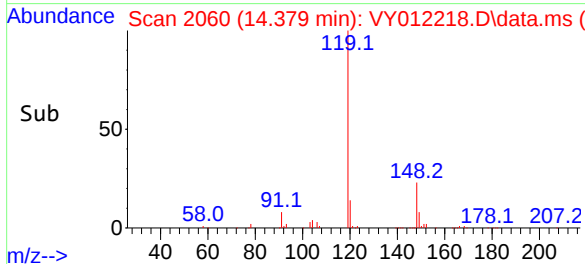
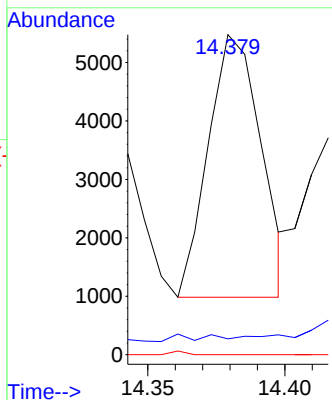
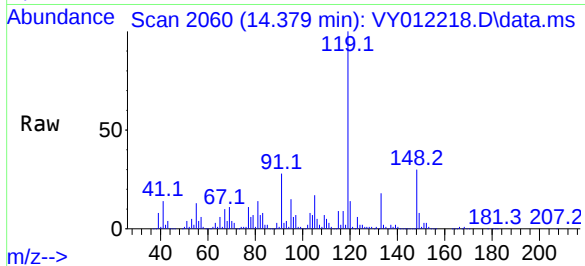




#92
1,2-Dibromo-3-Chloropropane
Concen: 7.317 ug/l
RT: 14.379 min Scan# 2056
Delta R.T. 0.024 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-ELIZABETH

Tgt Ion: 75 Resp: 6014
Ion Ratio Lower Upper
75 100
155 0.0 42.3 126.8#
157 0.4 54.4 163.3#



#95
Naphthalene
Concen: 81.867 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY012218.D
Acq: 17 Jan 2023 12:39

Tgt Ion:128 Resp: 1116412
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.8 13.2

