

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008479.D
 Acq On : 25 Apr 2022 14:07
 Operator : KP/MD
 Sample : N2468-11
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-8

Quant Time: Apr 26 01:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	80731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	107600	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	345188	50.000	ug/l	#-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41796	44.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.000%
35) Dibromofluoromethane	7.716	113	42139	47.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.900%
50) Toluene-d8	10.185	98	1431091	393.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	786.140%#
62) 4-Bromofluorobenzene	12.495	95	2356001	1990.888	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	3981.780%#

Target Compounds			Qvalue			
10) Methyl Iodide	4.094	142	46	1.729	ug/l #	35
11) Tert butyl alcohol	4.978	59	135	Below Cal	#	77
13) Acrolein	3.704	56	490	4.845	ug/l #	1
14) Allyl chloride	4.698	41	61281	53.799	ug/l #	64
15) Acrylonitrile	5.247	53	19368	70.877	ug/l #	41
16) Acetone	3.942	43	74005	334.485	ug/l	95
17) Carbon Disulfide	4.192	76	35743	13.547	ug/l	100
18) Methyl Acetate	4.698	43	149110	240.313	ug/l #	56
20) Methylene Chloride	4.710	84	3015	Below Cal	#	1
25) 2-Butanone	6.990	43	33649	98.306	ug/l	100
30) Chloroform	7.472	83	4738	2.519	ug/l #	23
31) Cyclohexane	7.783	56	447855	286.793	ug/l #	84
36) 1,1-Dichloropropene	7.789	75	7089	5.071	ug/l #	25
37) Ethyl Acetate	6.990	43	33649	43.524	ug/l #	73
38) Carbon Tetrachloride	7.789	117	7764	5.345	ug/l #	14
39) Methylcyclohexane	9.185	83	5909222	3301.367	ug/l #	79
40) Benzene	8.161	78	4522	1.109	ug/l	98
41) Methacrylonitrile	7.368	41	985	2.627	ug/l #	1
42) 1,2-Dichloroethane	8.277	62	2087	1.700	ug/l #	1
43) Isopropyl Acetate	8.271	43	144720	101.781	ug/l #	57
45) 1,2-Dichloropropane	9.185	63	46438	47.416	ug/l #	1
47) Bromodichloromethane	9.465	83	67662	46.453	ug/l #	67
48) Methyl methacrylate	9.246	41	171686	283.981	ug/l #	39
49) 1,4-Dioxane	9.179	88	99	11.442	ug/l #	1
51) 4-Methyl-2-Pentanone	10.081	43	20643	27.598	ug/l #	40
52) Toluene	10.246	92	10902	4.042	ug/l #	1
53) t-1,3-Dichloropropene	10.526	75	3792	2.428	ug/l #	1
55) 1,1,2-Trichloroethane	10.624	97	3099673	3309.812	ug/l #	19
56) Ethyl methacrylate	10.526	69	1536197	1270.414	ug/l #	67
58) 2-Chloroethyl Vinyl ether	9.770	63	1541	2.325	ug/l #	48
59) 2-Hexanone	10.813	43	3027187	5881.138	ug/l #	34
60) Dibromochloromethane	10.916	129	20496	19.049	ug/l #	54
61) 1,2-Dibromoethane	11.093	107	5379	5.807	ug/l #	1
65) Chlorobenzene	11.422	112	80967	33.279	ug/l #	43
67) Ethyl Benzene	11.593	91	64639	15.308	ug/l #	77
68) m/p-Xylenes	11.703	106	73143	43.246	ug/l #	1

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

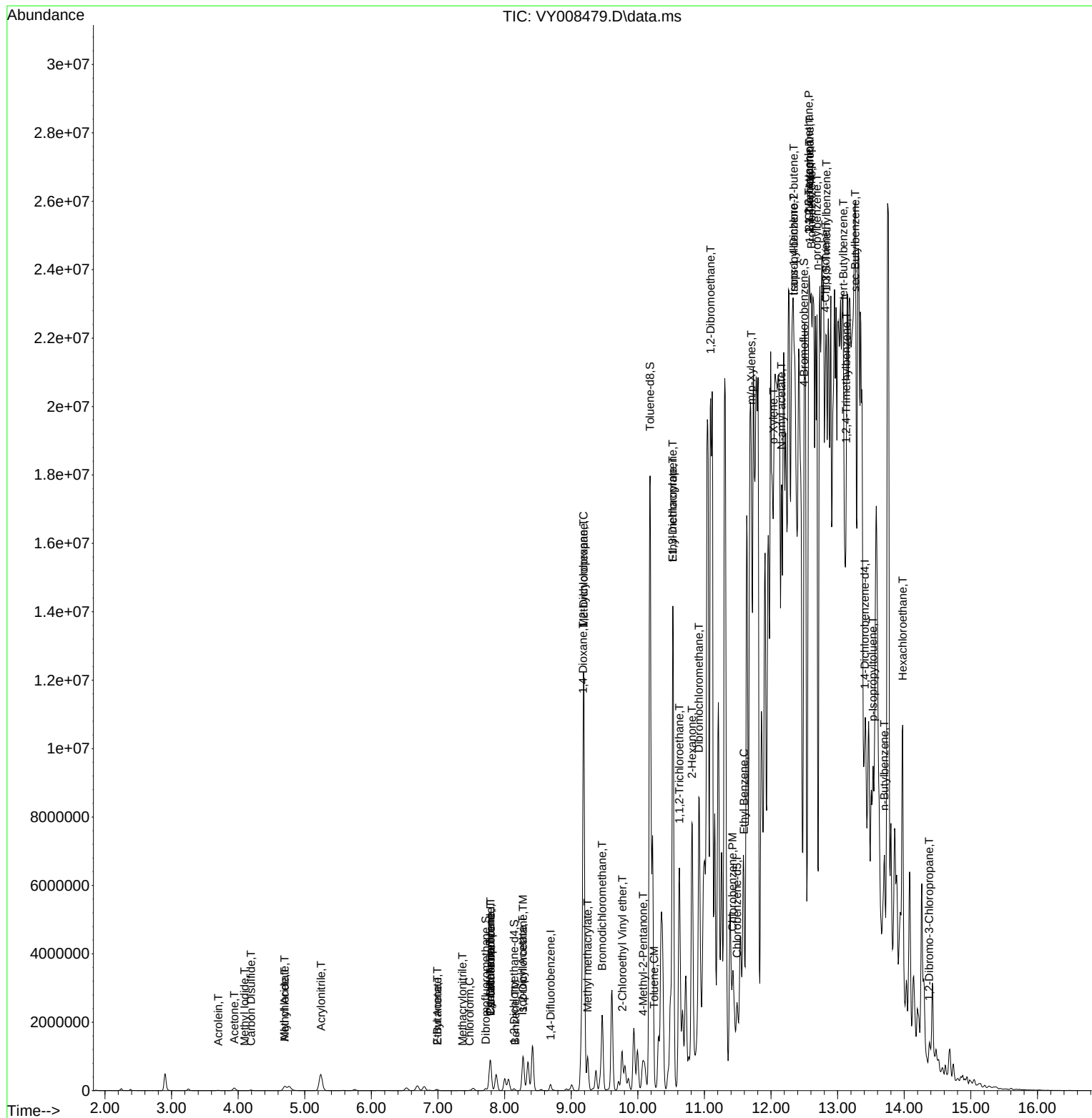
69) o-Xylene	12.038	106	38341	23.547	ug/l	#	1
73) Isopropylbenzene	12.343	105	4319100	165.028	ug/l		94
74) N-amyl acetate	12.154	43	1462823	226.208	ug/l	#	47
75) 1,1,2,2-Tetrachloroethane	12.569	83	1727988	295.499	ug/l	#	26
76) 1,2,3-Trichloropropane	12.581	75	9805	2.195	ug/l	#	100
77) Bromobenzene	12.605	156	34450	5.397	ug/l	#	1
78) n-propylbenzene	12.691	91	1857515	59.170	ug/l		92
79) 2-Chlorotoluene	12.575	91	340740	19.285	ug/l		95
80) 1,3,5-Trimethylbenzene	12.831	105	235425	10.837	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.343	75	49615	25.765	ug/l	#	1
82) 4-Chlorotoluene	12.819	91	121291	6.625	ug/l	#	41
83) tert-Butylbenzene	13.087	119	1301679	69.024	ug/l		99
84) 1,2,4-Trimethylbenzene	13.129	105	1370419	63.579	ug/l		97
85) sec-Butylbenzene	13.264	105	6636093	233.169	ug/l	#	59
86) p-Isopropyltoluene	13.532	119	1537296	64.498	ug/l		93
89) n-Butylbenzene	13.703	91	687472	31.779	ug/l	#	79
90) Hexachloroethane	13.977	117	312606	72.951	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.373	75	1266	1.441	ug/l	#	10

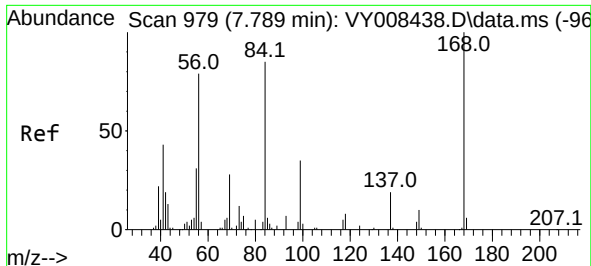
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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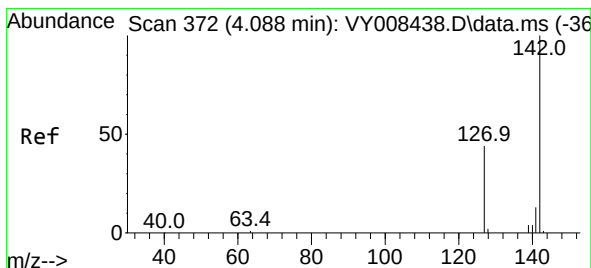
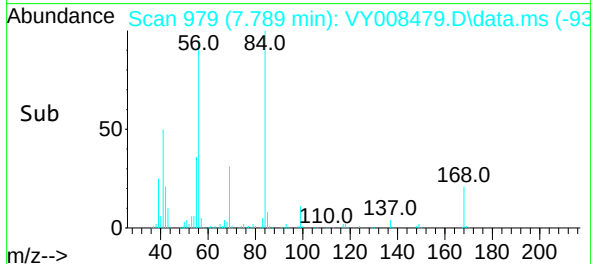
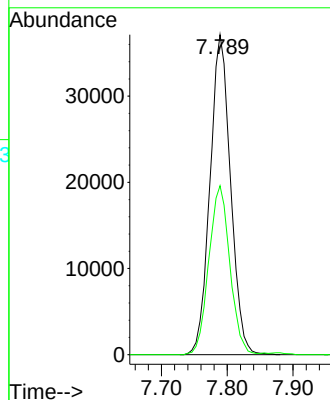
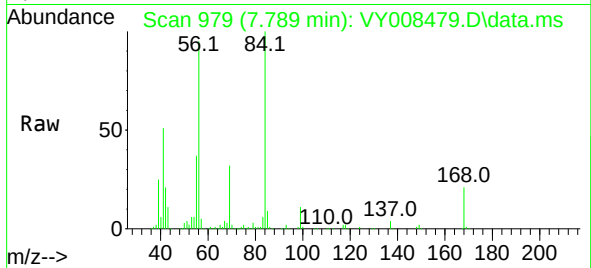




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

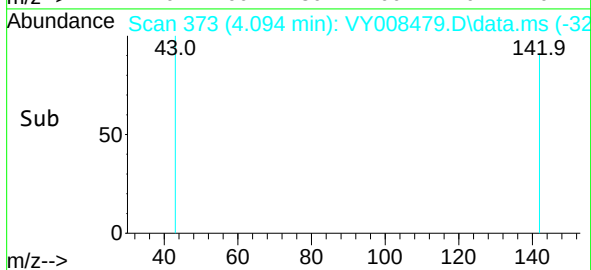
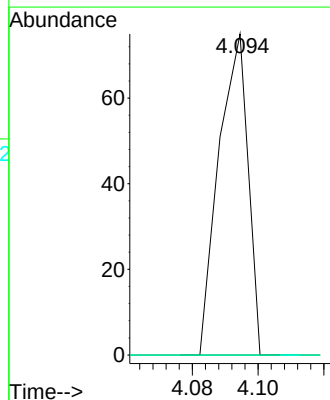
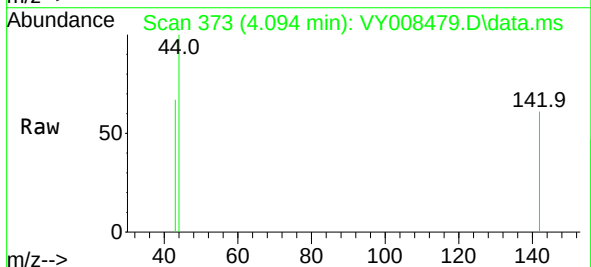
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

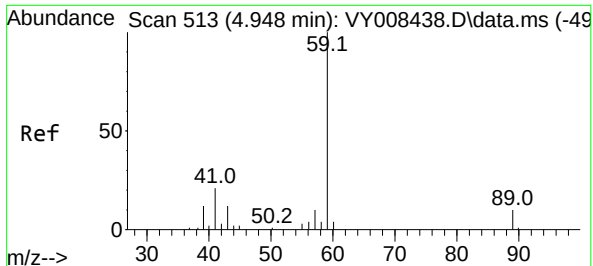
Tgt Ion:168 Resp: 80731
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#10
Methyl Iodide
Concen: 1.729 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.978 min Scan# 51

Delta R.T. 0.030 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

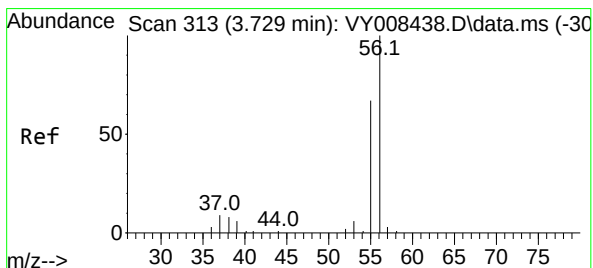
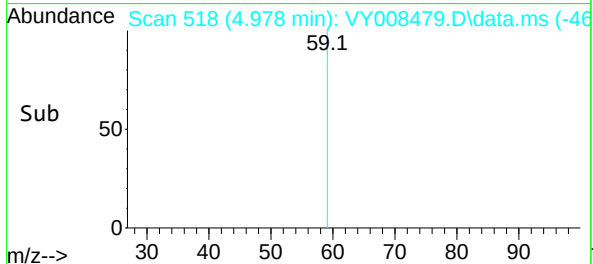
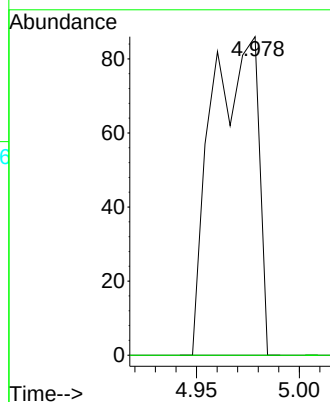
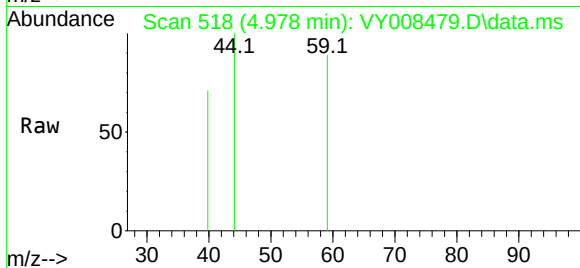
WC-15-1-8

Tgt Ion: 59 Resp: 135

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 4.845 ug/l

RT: 3.704 min Scan# 309

Delta R.T. -0.025 min

Lab File: VY008479.D

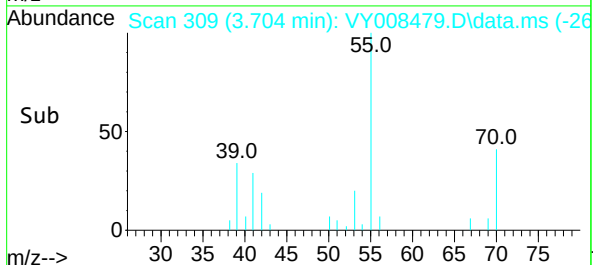
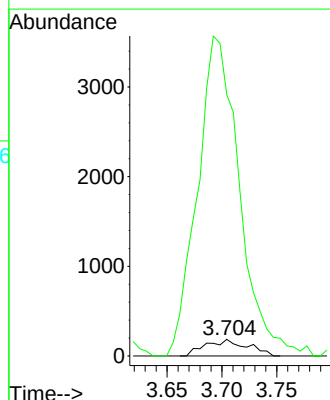
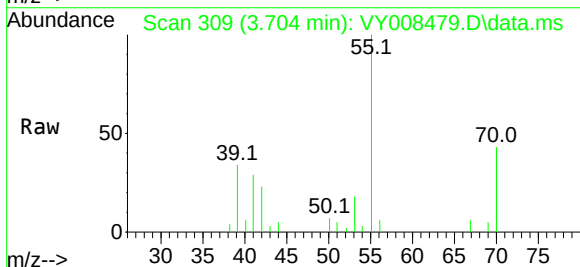
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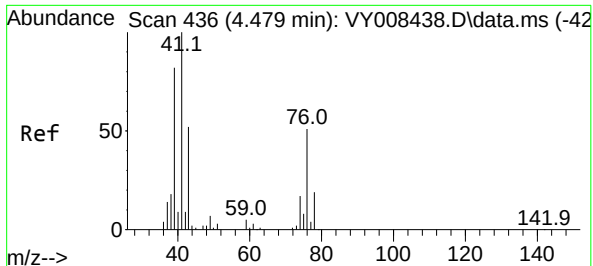
Tgt Ion: 56 Resp: 490

Ion Ratio Lower Upper

56 100

55 1941.6 57.6 86.4#





#14

Allyl chloride

Concen: 53.799 ug/l

RT: 4.698 min Scan# 41

Delta R.T. 0.219 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-8

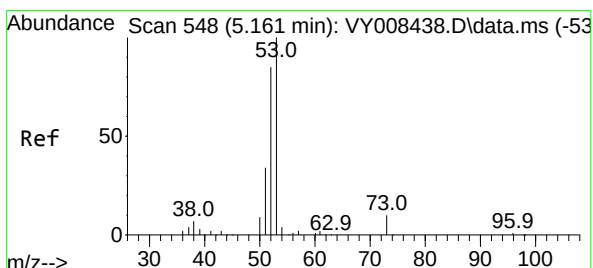
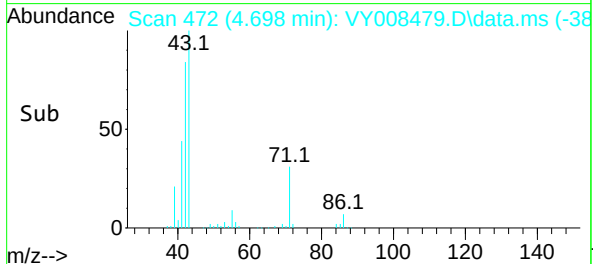
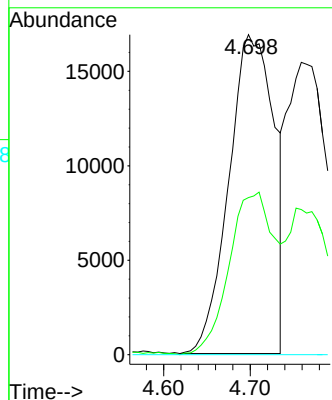
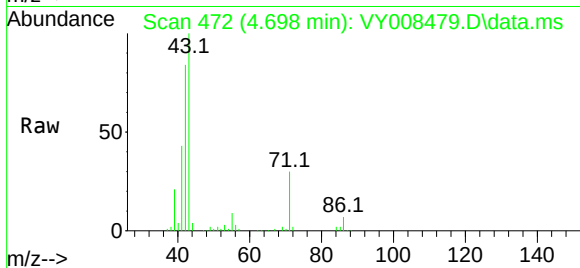
Tgt Ion: 41 Resp: 61281

Ion Ratio Lower Upper

41 100

39 50.7 58.8 88.2#

76 0.0 25.1 37.7#



#15

Acrylonitrile

Concen: 70.877 ug/l

RT: 5.247 min Scan# 562

Delta R.T. 0.086 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

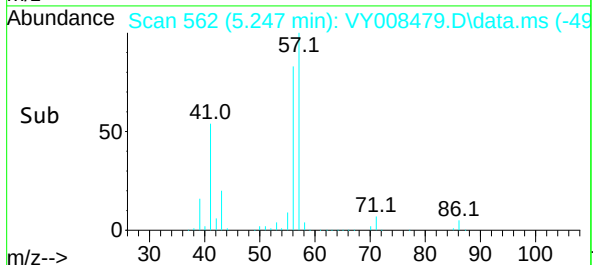
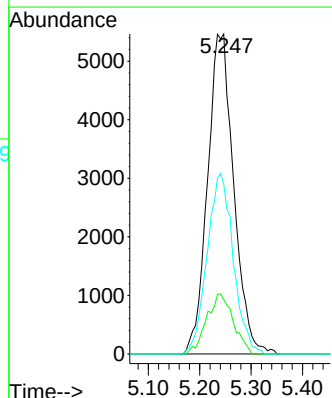
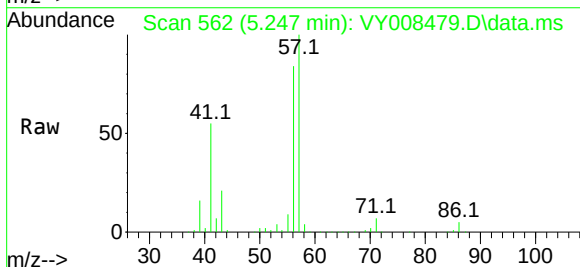
Tgt Ion: 53 Resp: 19368

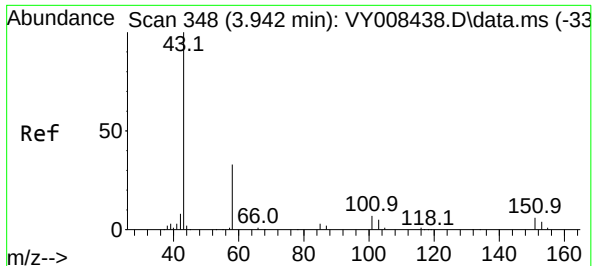
Ion Ratio Lower Upper

53 100

52 19.0 67.0 100.4#

51 56.2 29.8 44.6#

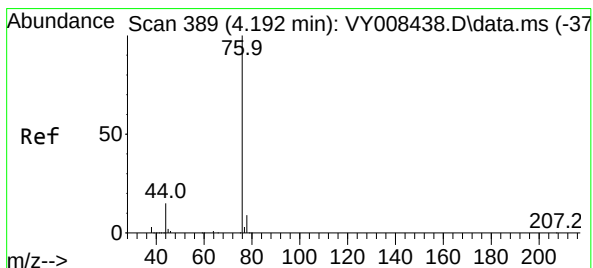
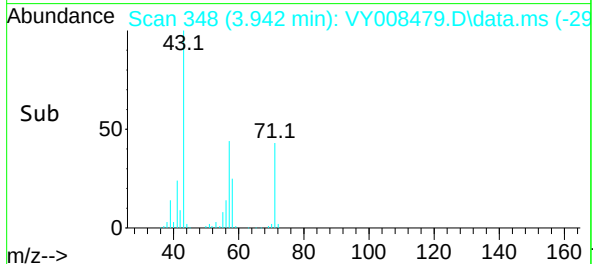
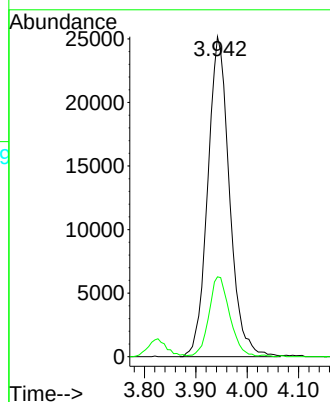
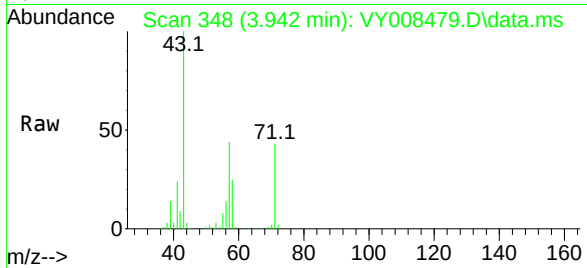




#16
Acetone
Concen: 334.485 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

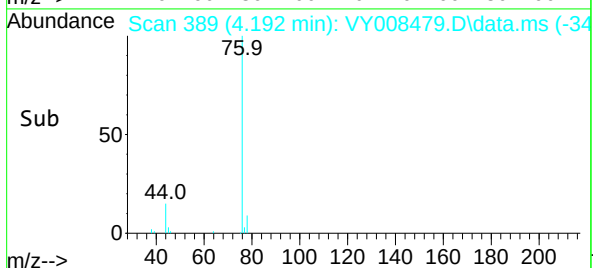
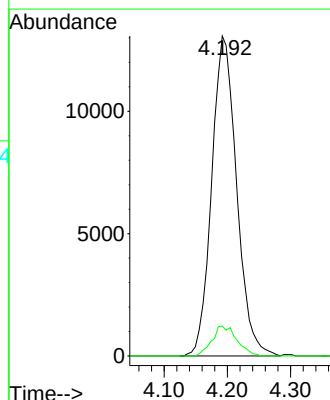
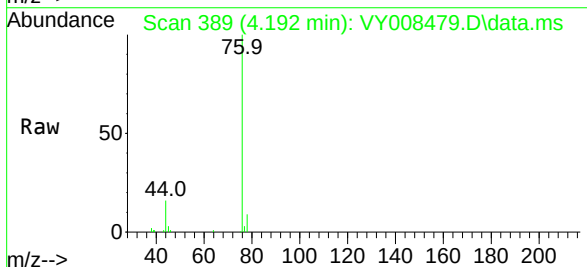
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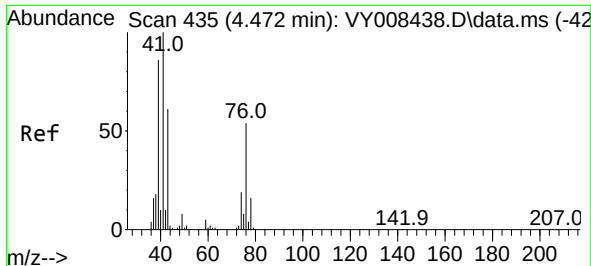
Tgt Ion: 43 Resp: 74005
Ion Ratio Lower Upper
43 100
58 24.6 22.0 33.0



#17
Carbon Disulfide
Concen: 13.547 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 76 Resp: 35743
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#18

Methyl Acetate

Concen: 240.313 ug/l

RT: 4.698 min Scan# 41

Delta R.T. 0.226 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

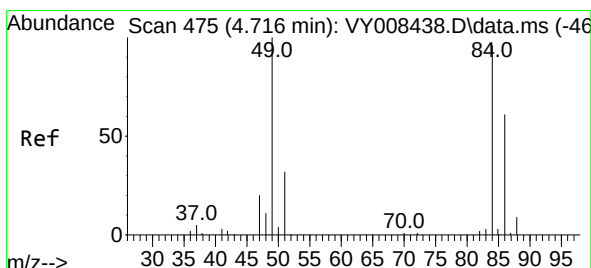
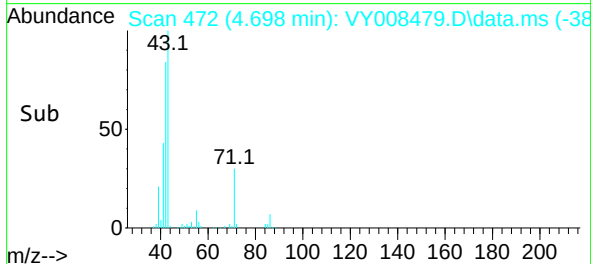
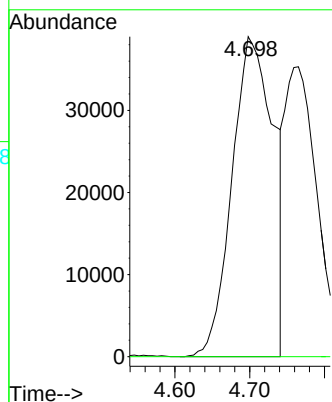
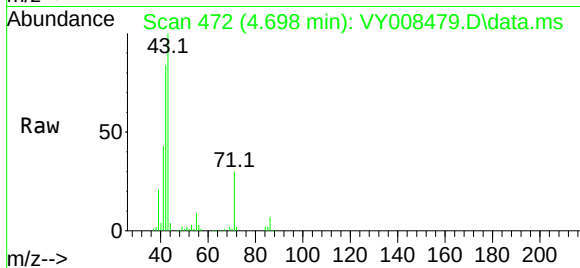
WC-15-1-8

Tgt Ion: 43 Resp: 149110

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Tgt Ion: 84 Resp: 3015

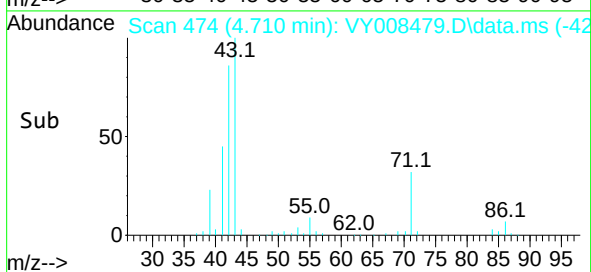
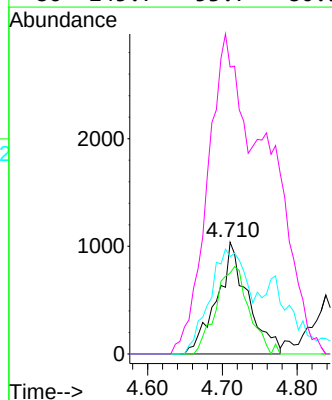
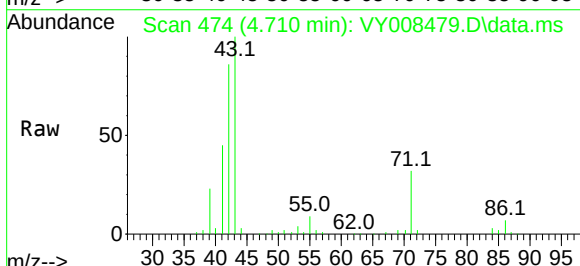
Ion Ratio Lower Upper

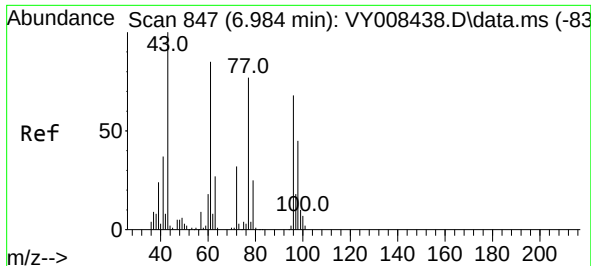
84 100

49 72.5 114.4 171.6#

51 87.2 35.3 52.9#

86 245.7 53.7 80.5#

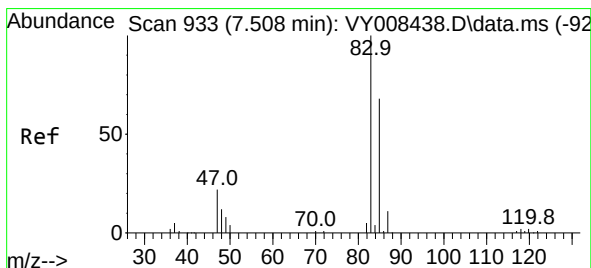
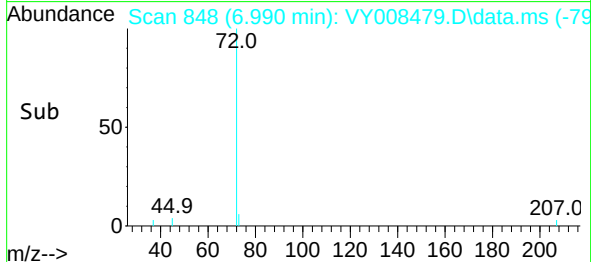
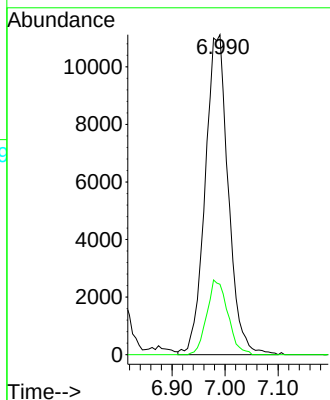
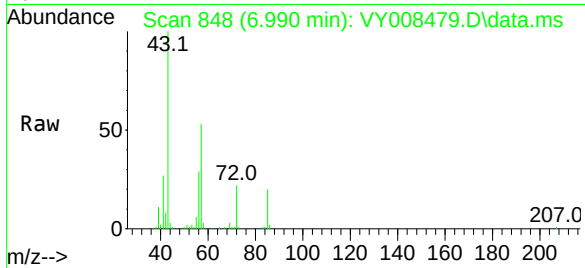




#25
2-Butanone
Concen: 98.306 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

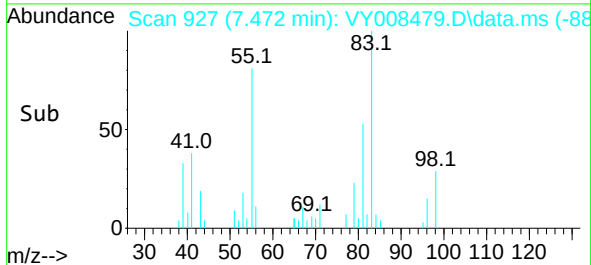
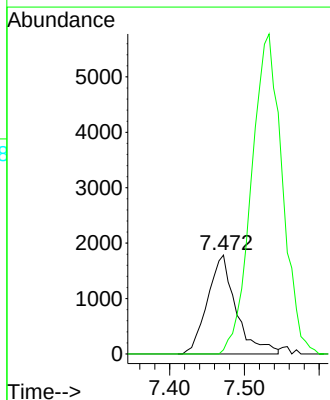
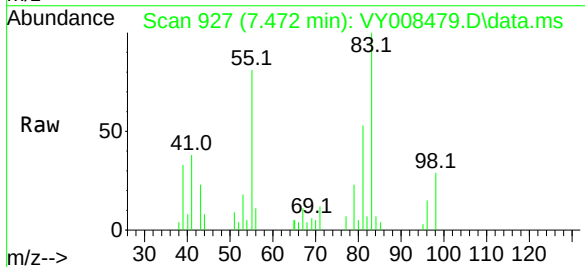
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

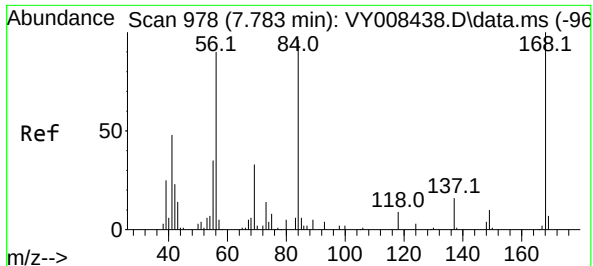
Tgt Ion: 43 Resp: 33649
Ion Ratio Lower Upper
43 100
72 22.0 17.7 26.5



#30
Chloroform
Concen: 2.519 ug/l
RT: 7.472 min Scan# 927
Delta R.T. -0.036 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 83 Resp: 4738
Ion Ratio Lower Upper
83 100
85 4.1 51.8 77.6#

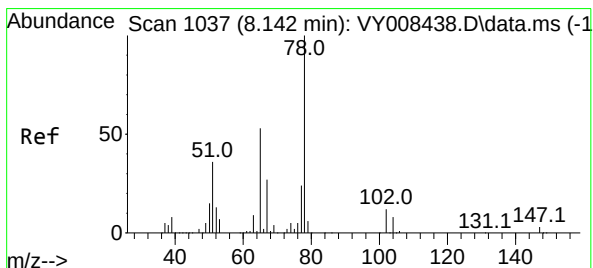
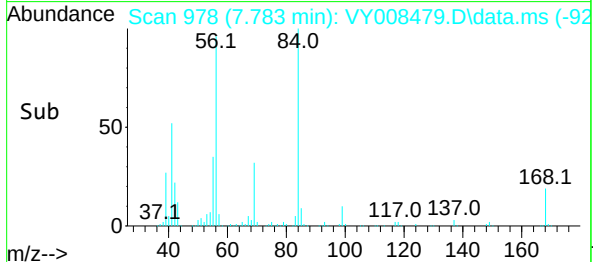
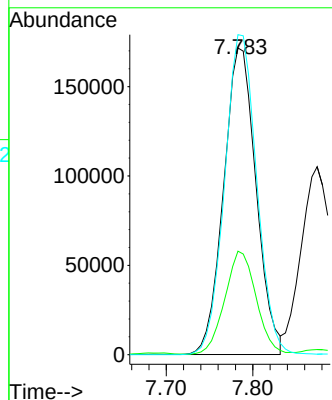
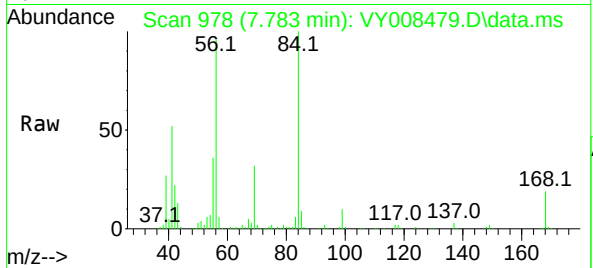




#31
Cyclohexane
Concen: 286.793 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

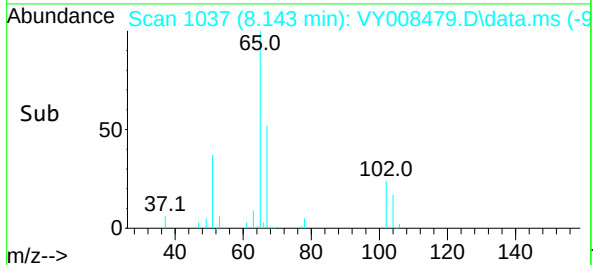
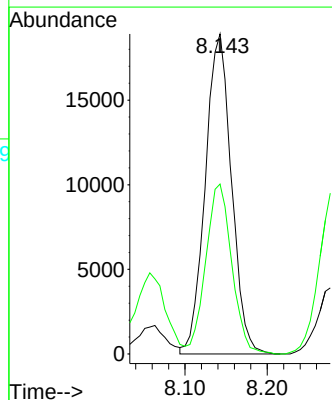
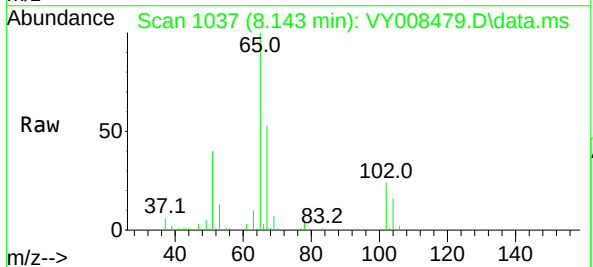
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

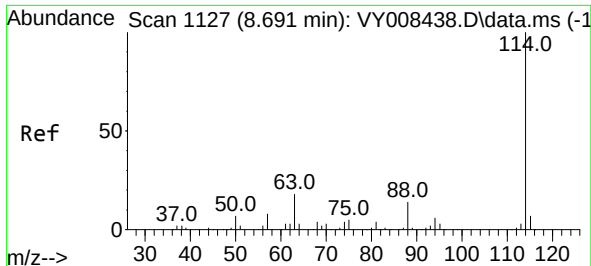
Tgt Ion: 56 Resp: 447855
Ion Ratio Lower Upper
56 100
69 33.6 26.7 40.1
84 104.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 44.000 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 65 Resp: 41796
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-8

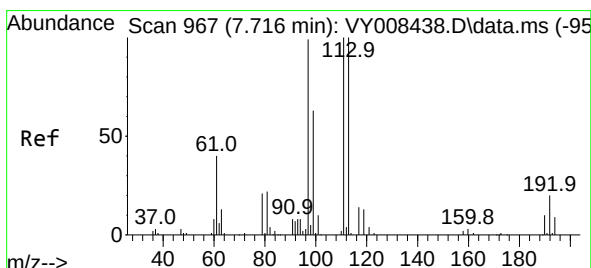
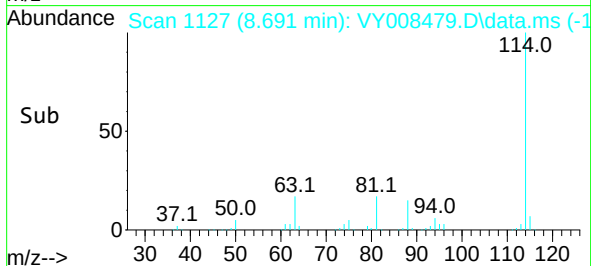
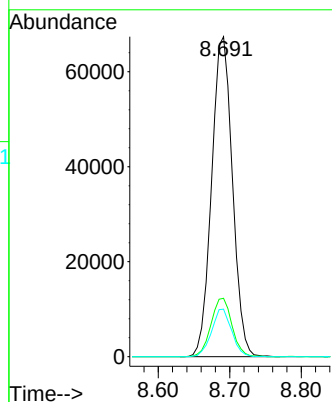
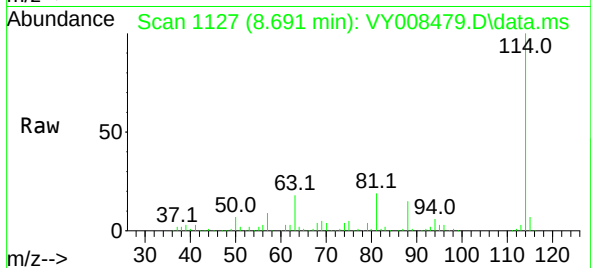
Tgt Ion:114 Resp: 136173

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.949 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

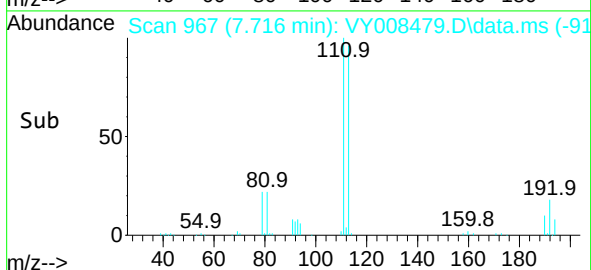
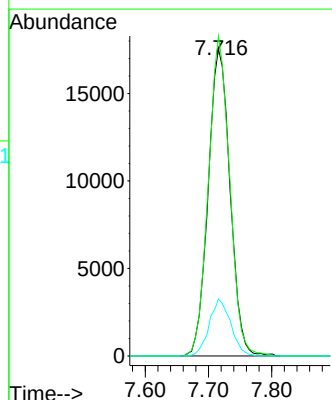
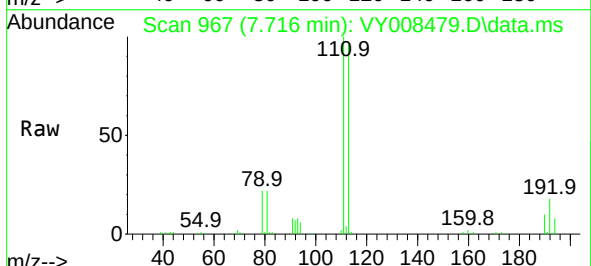
Tgt Ion:113 Resp: 42139

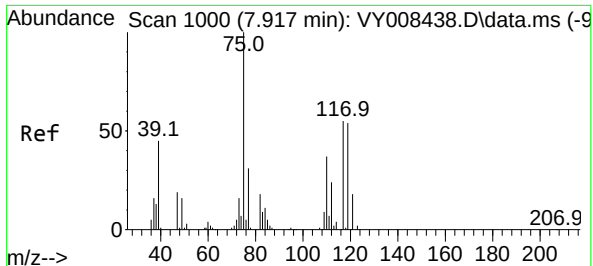
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 18.2 17.6 26.4

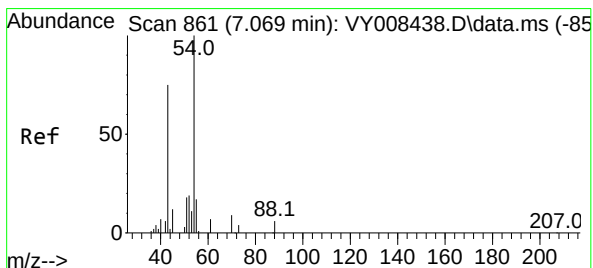
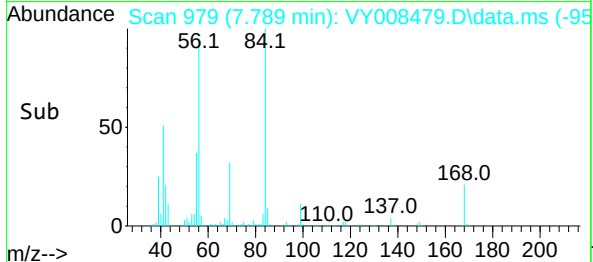
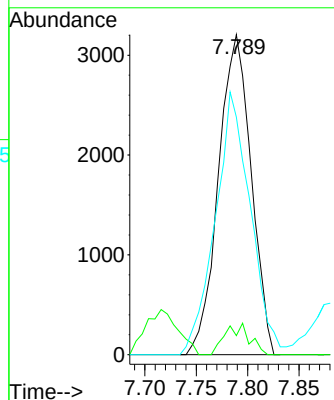
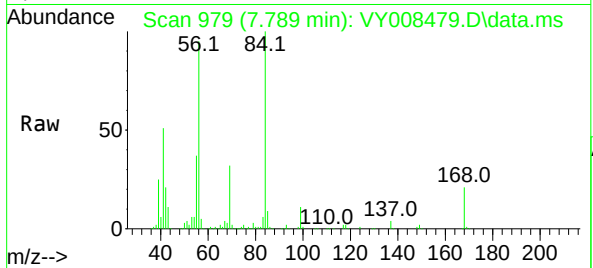




#36
1,1-Dichloropropene
Concen: 5.071 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

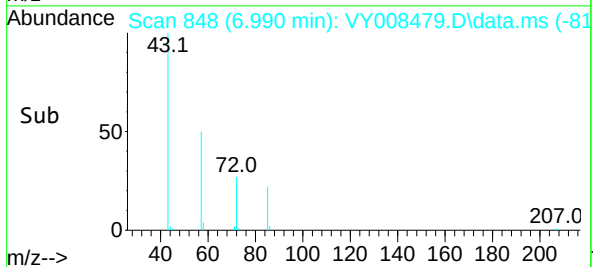
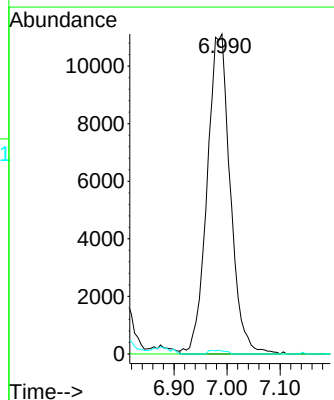
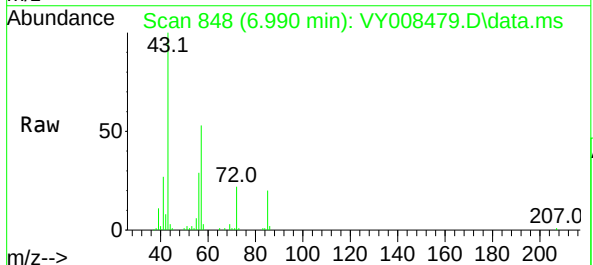
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

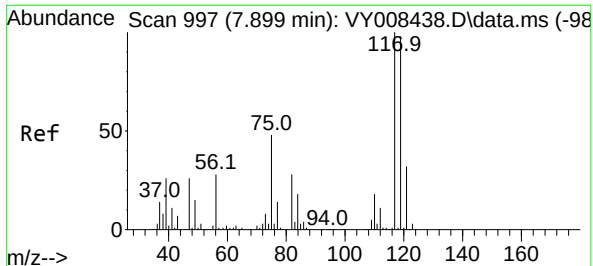
Tgt Ion: 75 Resp: 7089
Ion Ratio Lower Upper
75 100
110 7.3 17.1 51.2#
77 88.4 24.4 36.6#



#37
Ethyl Acetate
Concen: 43.524 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.079 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 43 Resp: 33649
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.8 7.1 10.7#

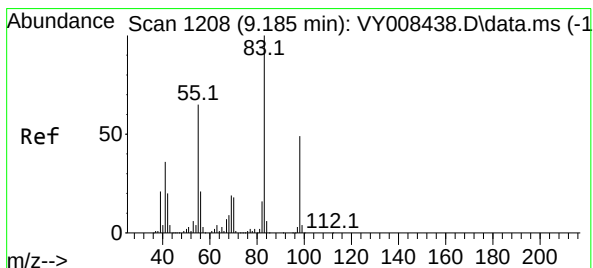
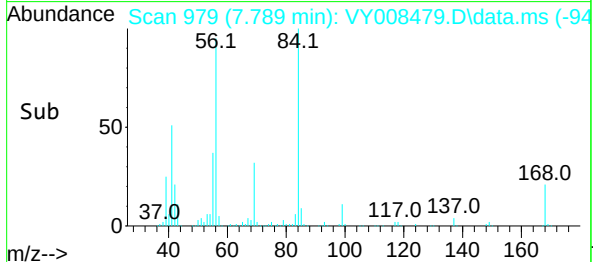
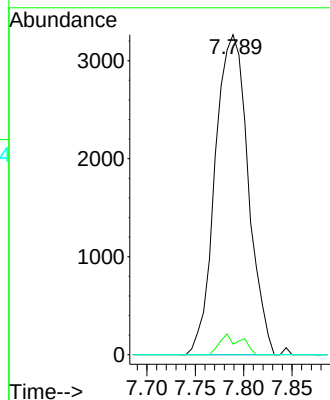
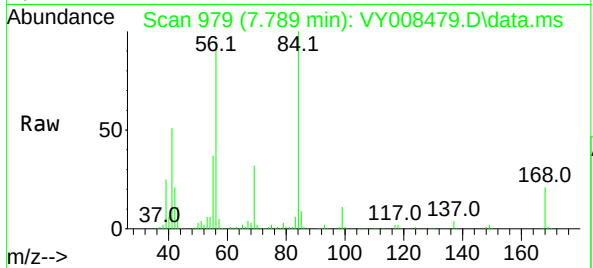




#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

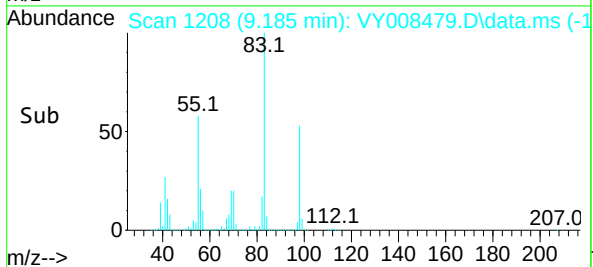
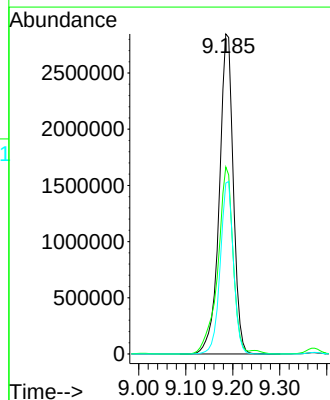
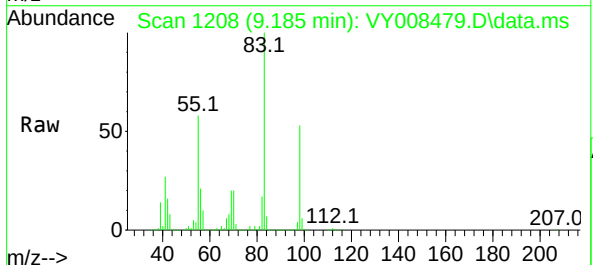
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

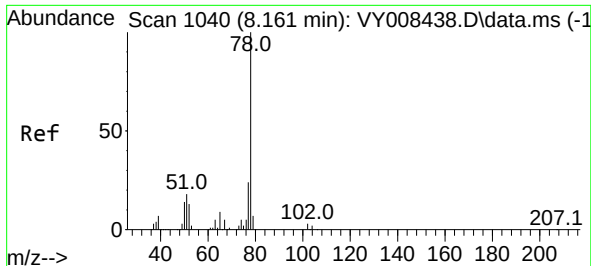
Tgt Ion:117 Resp: 7764
Ion Ratio Lower Upper
117 100
119 3.3 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 3301.367 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 83 Resp: 5909222
Ion Ratio Lower Upper
83 100
55 58.4 66.5 99.7#
98 53.4 37.9 56.9

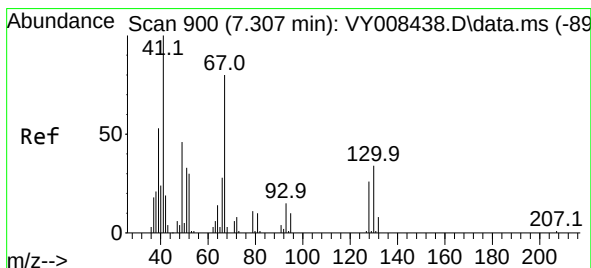
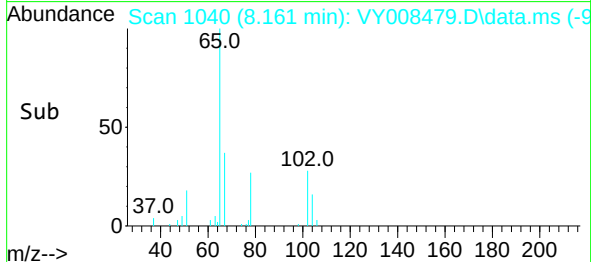
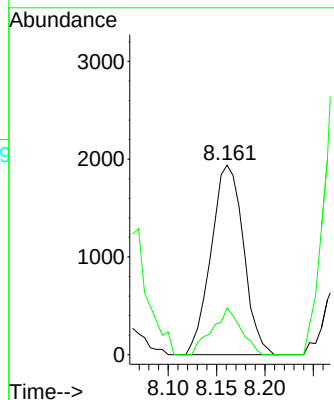
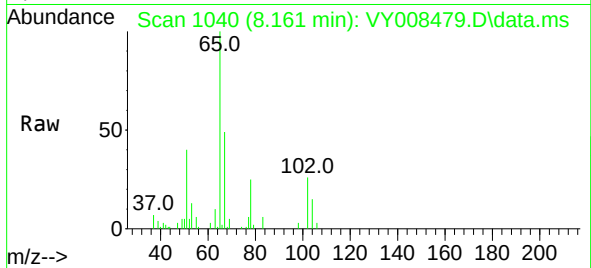




#40
Benzene
Concen: 1.109 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

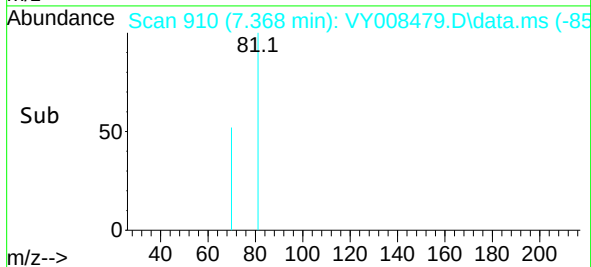
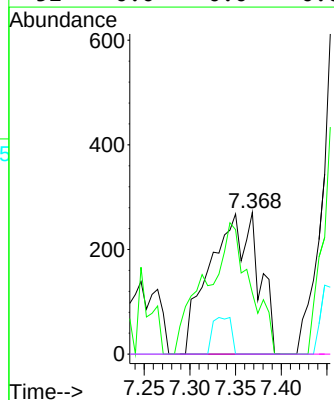
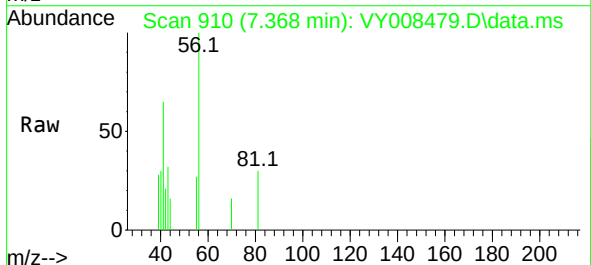
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

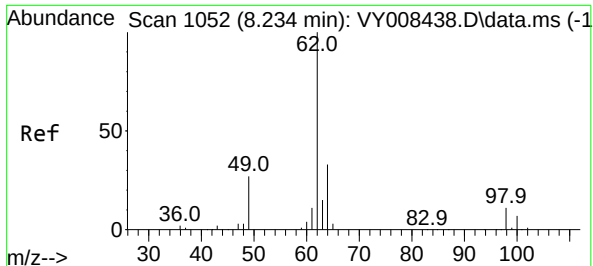
Tgt Ion: 78 Resp: 4522
Ion Ratio Lower Upper
78 100
77 24.7 20.4 30.6



#41
Methacrylonitrile
Concen: 2.627 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.061 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 41 Resp: 985
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 1.700 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.043 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

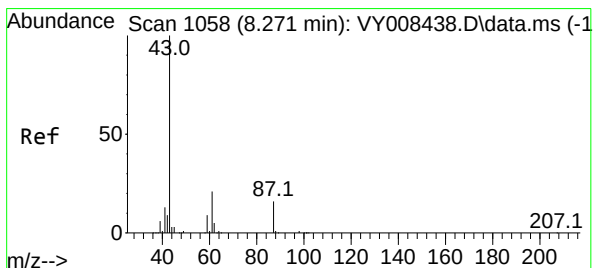
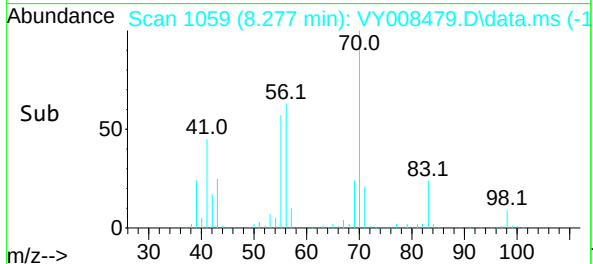
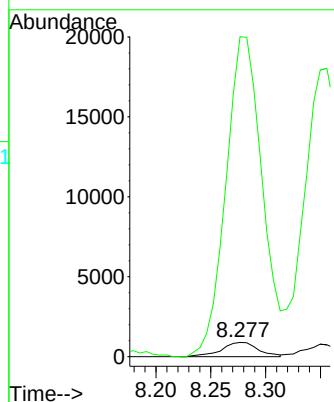
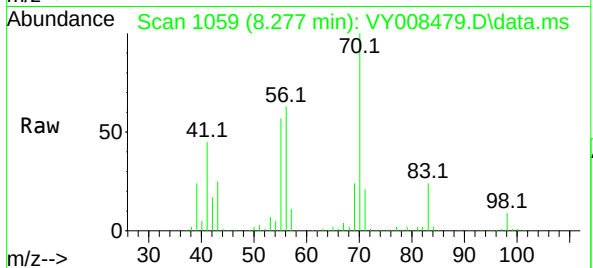
WC-15-1-8

Tgt Ion: 62 Resp: 2087

Ion Ratio Lower Upper

62 100

98 2196.4 0.0 14.8#



#43

Isopropyl Acetate

Concen: 101.781 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

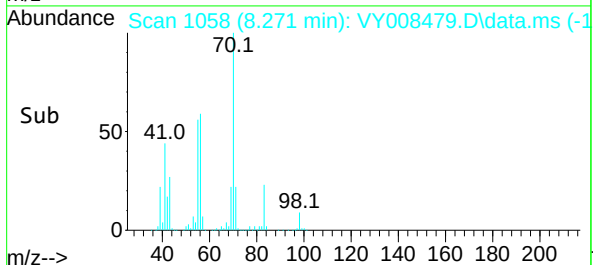
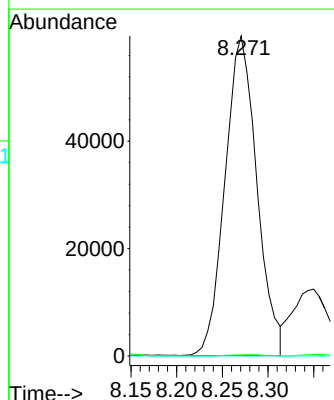
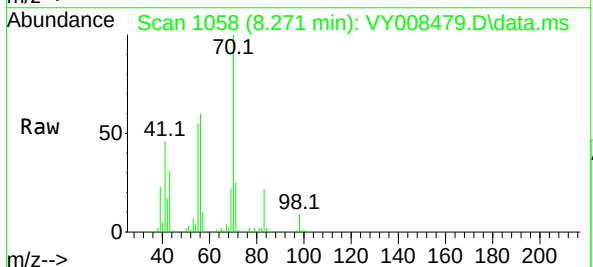
Tgt Ion: 43 Resp: 144720

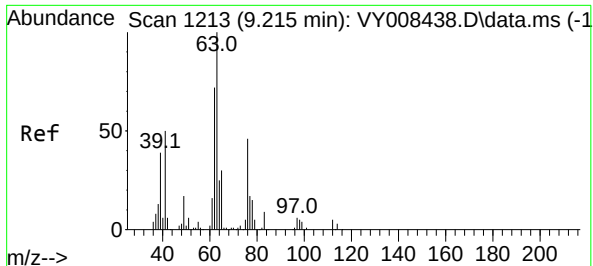
Ion Ratio Lower Upper

43 100

61 0.4 20.2 30.2#

87 0.0 8.9 13.3#





#45

1,2-Dichloropropane

Concen: 47.416 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.030 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

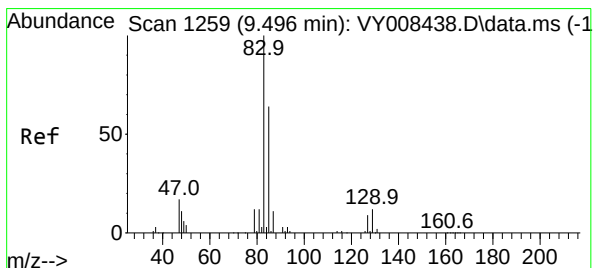
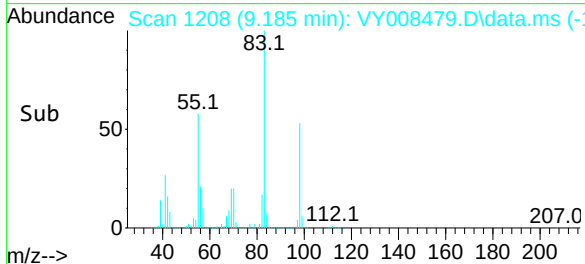
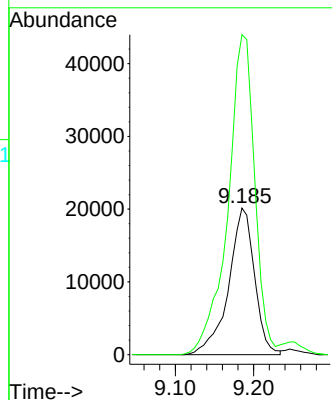
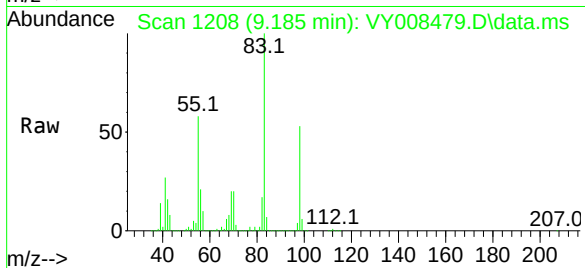
WC-15-1-8

Tgt Ion: 63 Resp: 46438

Ion Ratio Lower Upper

63 100

65 218.3 23.0 34.6#



#47

Bromodichloromethane

Concen: 46.453 ug/l

RT: 9.465 min Scan# 1254

Delta R.T. -0.031 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

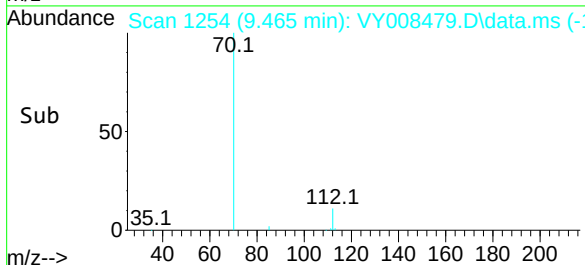
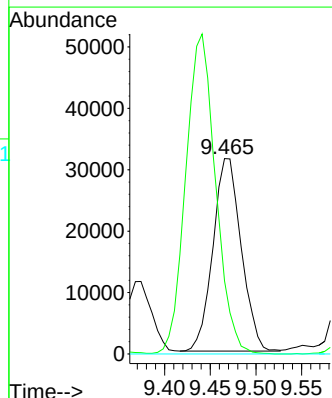
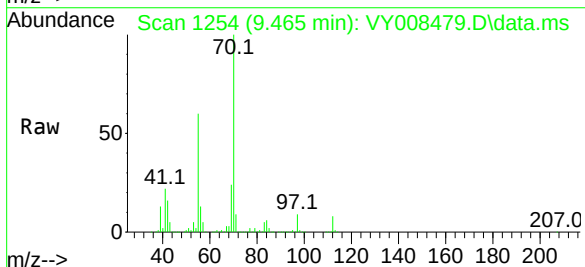
Tgt Ion: 83 Resp: 67662

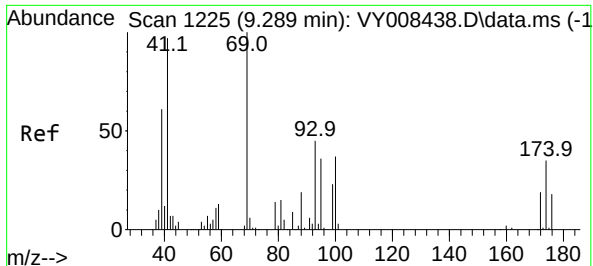
Ion Ratio Lower Upper

83 100

85 38.0 51.9 77.9#

127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 283.981 ug/l

RT: 9.246 min Scan# 11

Delta R.T. -0.043 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-8

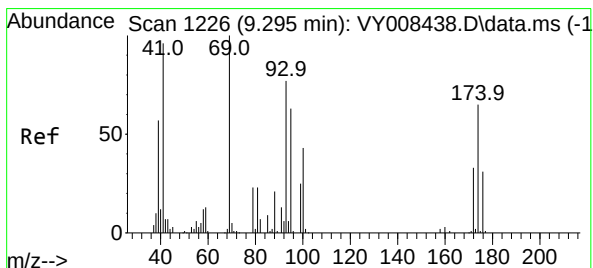
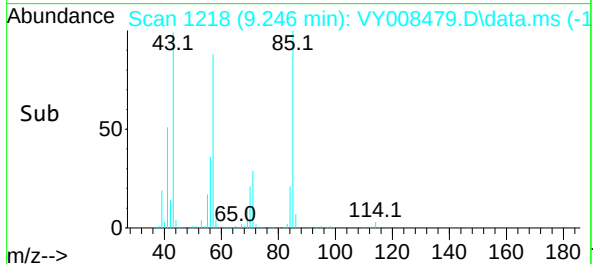
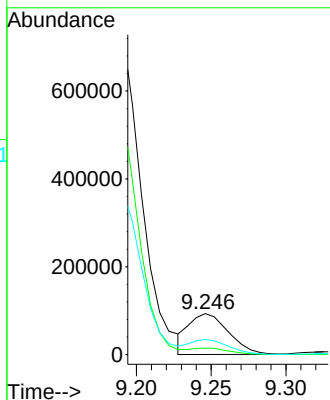
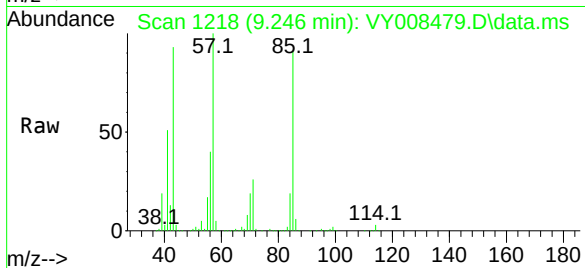
Tgt Ion: 41 Resp: 171686

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 36.7 47.4 71.0#



#49

1,4-Dioxane

Concen: 11.442 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.116 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

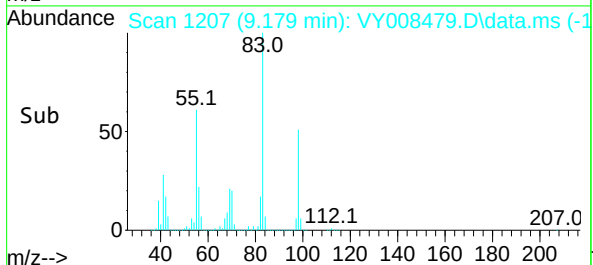
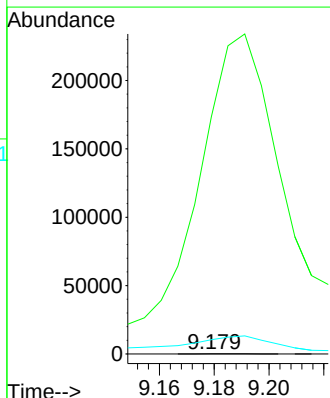
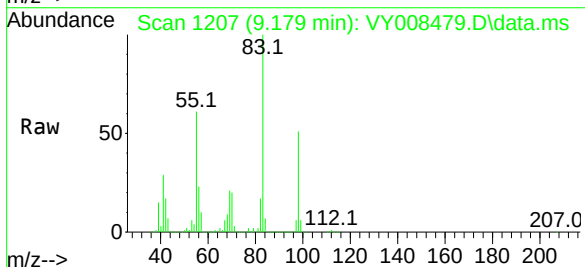
Tgt Ion: 88 Resp: 99

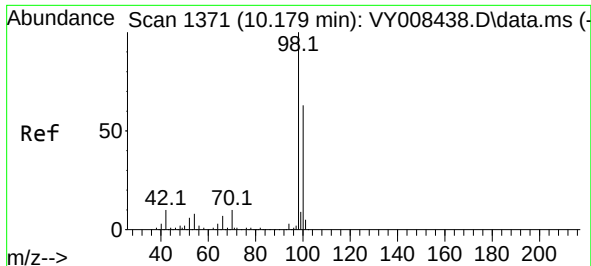
Ion Ratio Lower Upper

88 100

43 539330.3 32.8 49.2#

58 36899.0 59.8 89.6#

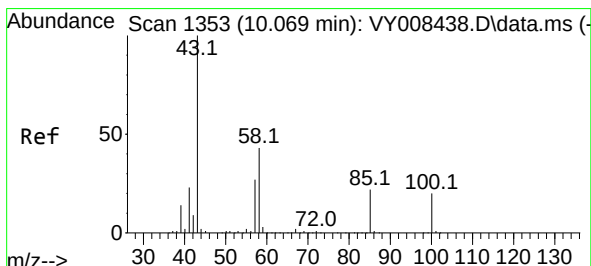
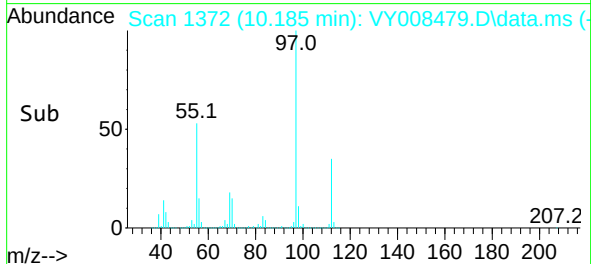
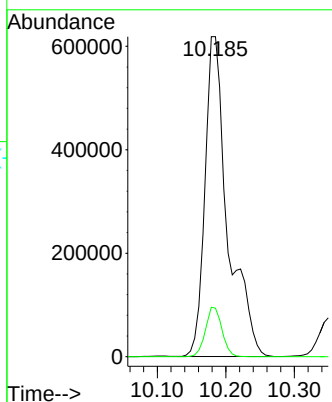
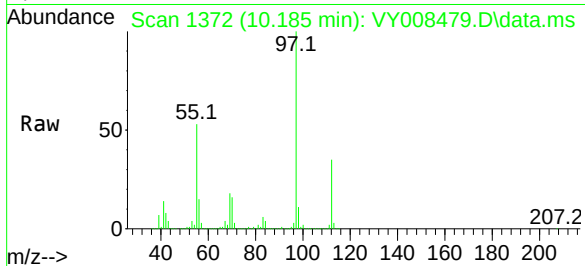




#50
Toluene-d8
Concen: 393.072 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

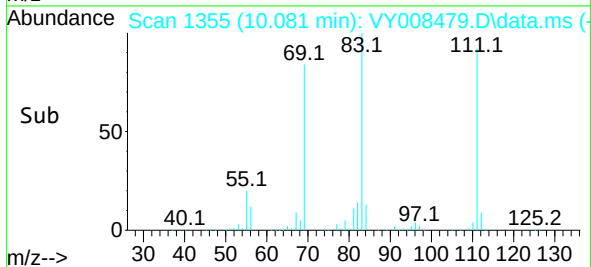
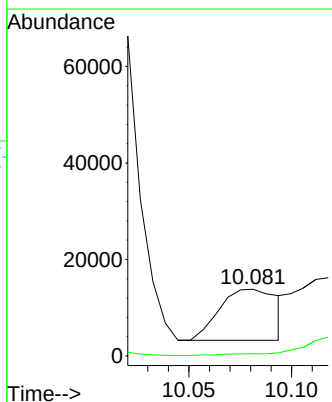
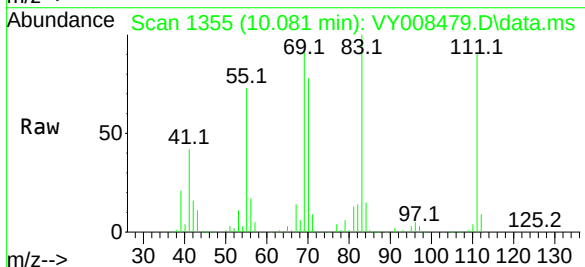
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

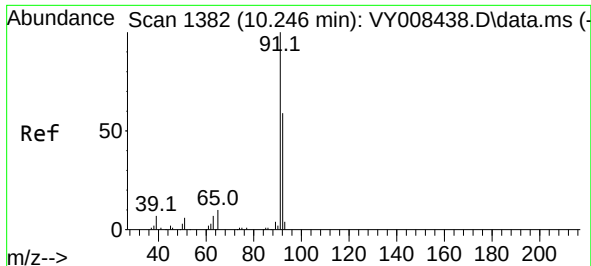
Tgt Ion: 98 Resp: 1431091
Ion Ratio Lower Upper
98 100
100 11.2 50.2 75.2#



#51
4-Methyl-2-Pentanone
Concen: 27.598 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 43 Resp: 20643
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#

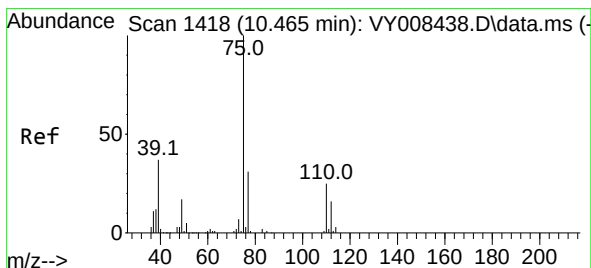
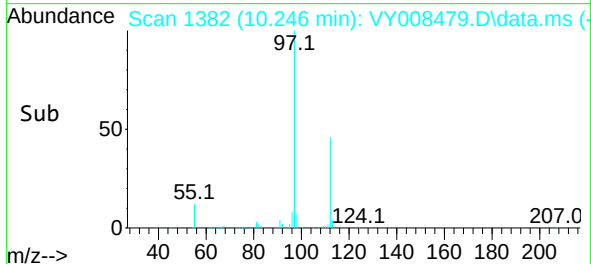
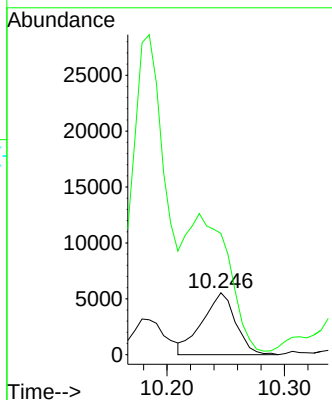
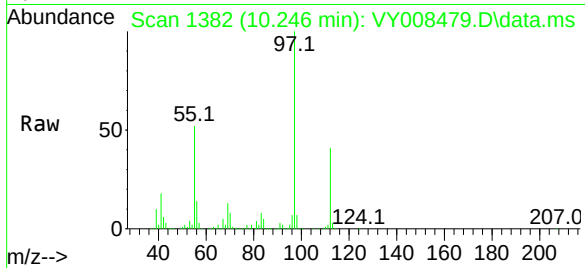




#52
Toluene
Concen: 4.042 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

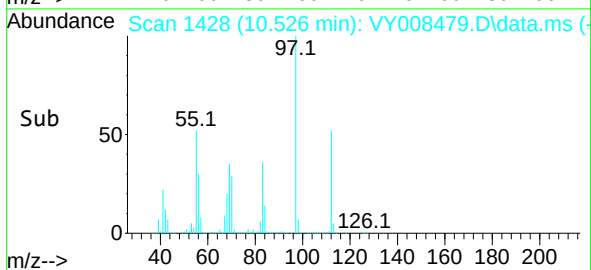
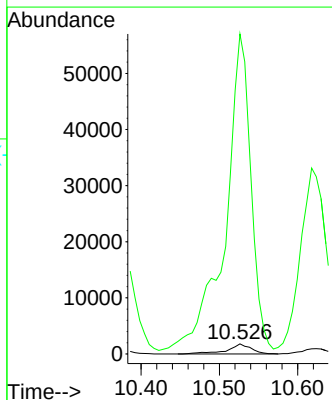
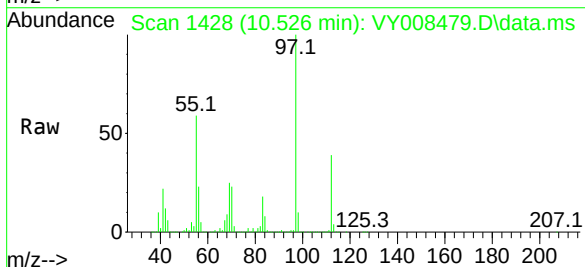
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

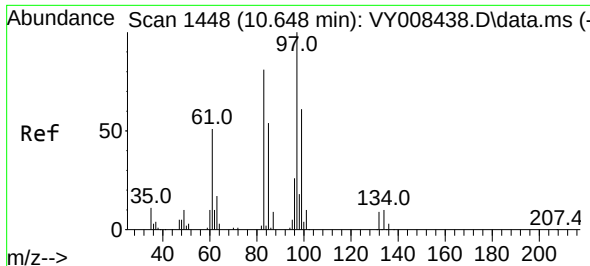
Tgt Ion: 92 Resp: 10902
Ion Ratio Lower Upper
92 100
91 0.0 142.6 213.8#



#53
t-1,3-Dichloropropene
Concen: 2.428 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.061 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

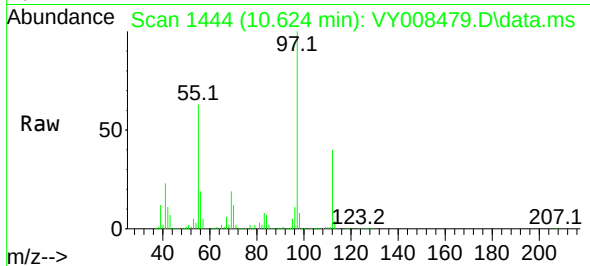
Tgt Ion: 75 Resp: 3792
Ion Ratio Lower Upper
75 100
77 3124.9 25.4 38.2#





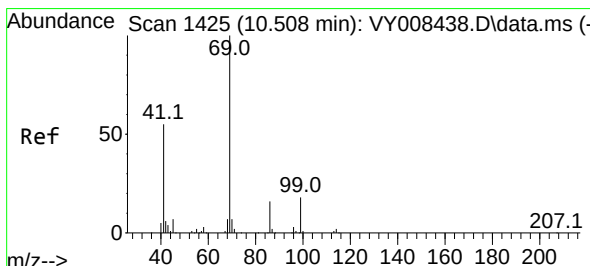
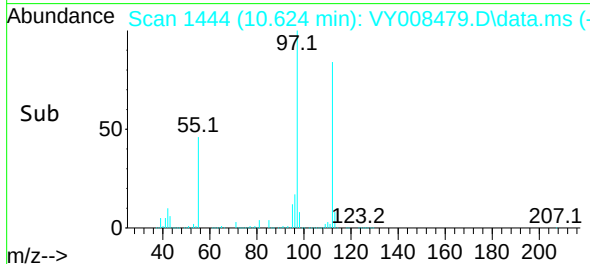
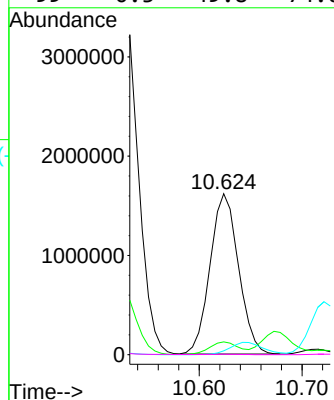
#55
1,1,2-Trichloroethane
Concen: 3309.812 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8



Tgt Ion: 97 Resp: 3099673

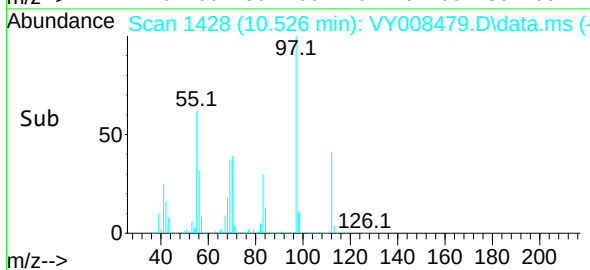
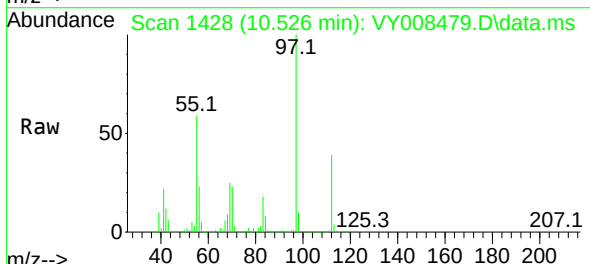
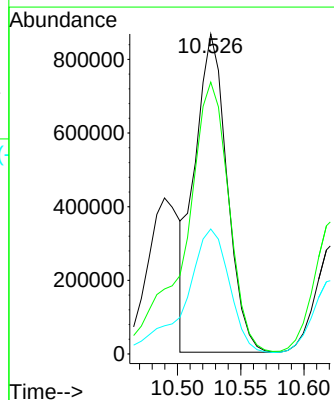
Ion	Ratio	Lower	Upper
97	100		
83	7.9	69.8	104.8#
85	2.4	44.3	66.5#
99	0.3	49.8	74.6#

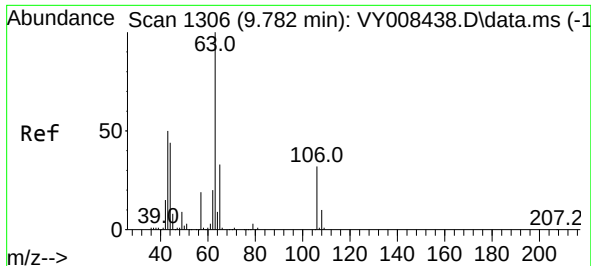


#56
Ethyl methacrylate
Concen: 1270.414 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.018 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 69 Resp: 1536197

Ion	Ratio	Lower	Upper
69	100		
41	117.4	63.4	95.0#
39	55.0	35.8	53.8#





#58

2-Chloroethyl Vinyl ether

Concen: 2.325 ug/l

RT: 9.770 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

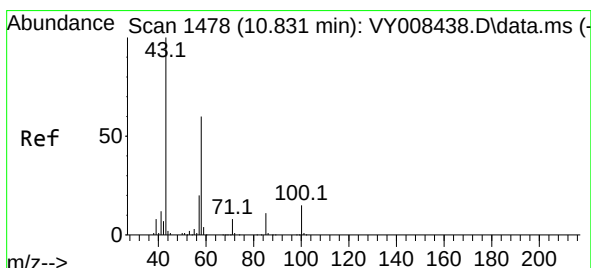
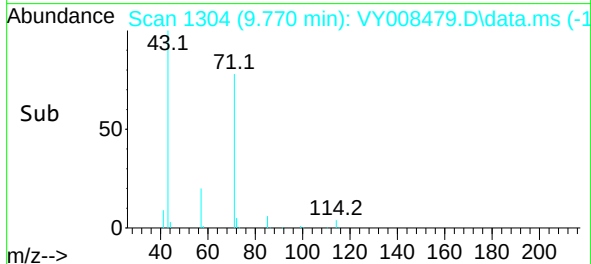
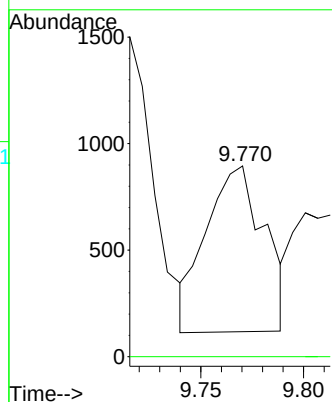
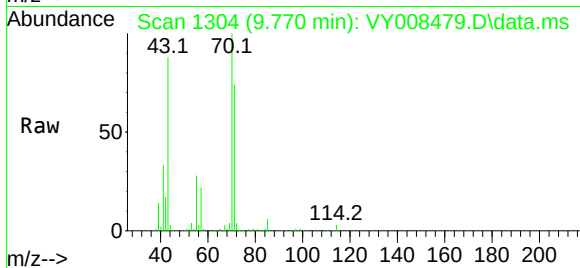
WC-15-1-8

Tgt Ion: 63 Resp: 1541

Ion Ratio Lower Upper

63 100

106 0.0 21.5 32.3#



#59

2-Hexanone

Concen: 5881.138 ug/l

RT: 10.813 min Scan# 1475

Delta R.T. -0.018 min

Lab File: VY008479.D

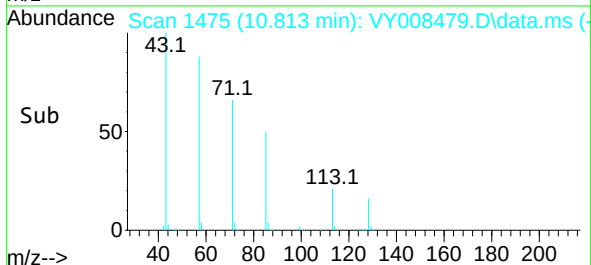
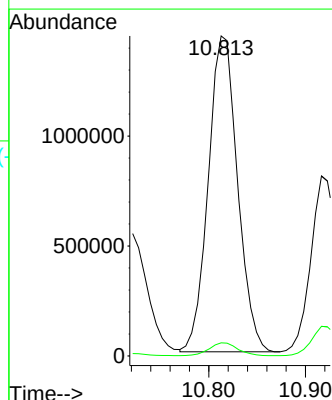
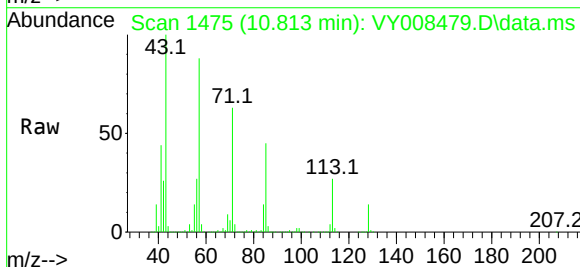
Acq: 25 Apr 2022 14:07

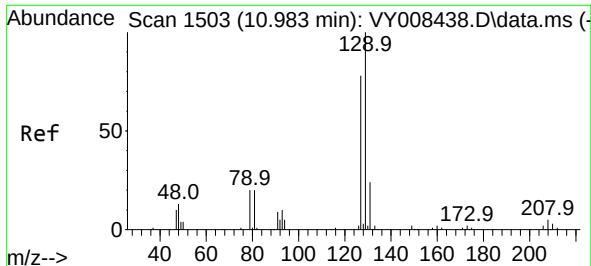
Tgt Ion: 43 Resp: 3027187

Ion Ratio Lower Upper

43 100

58 3.9 24.4 73.4#

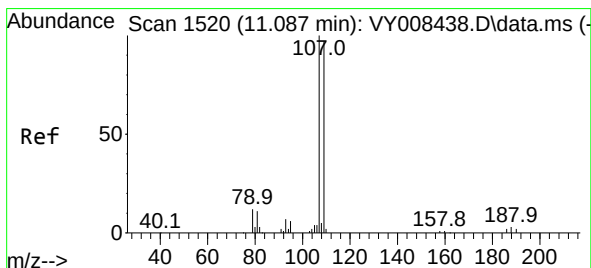
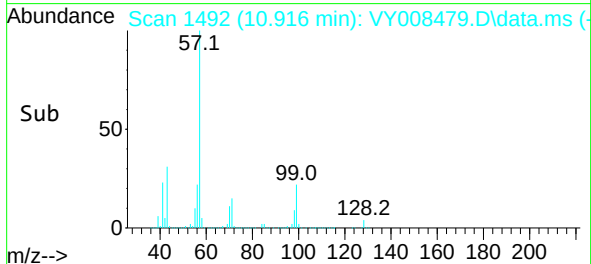
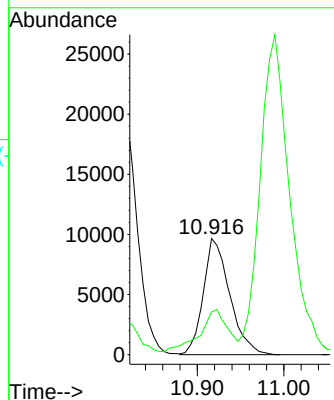
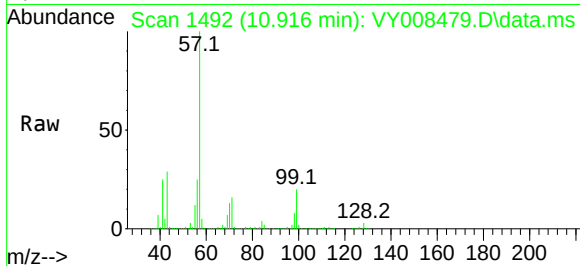




#60
Dibromochloromethane
Concen: 19.049 ug/l
RT: 10.916 min Scan# 1492
Delta R.T. -0.067 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

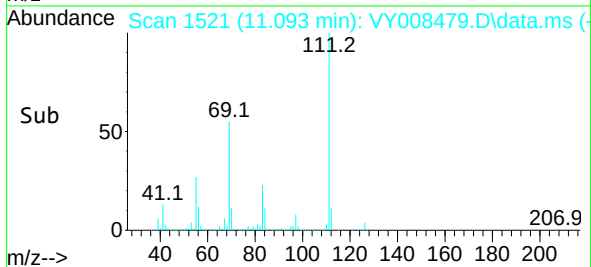
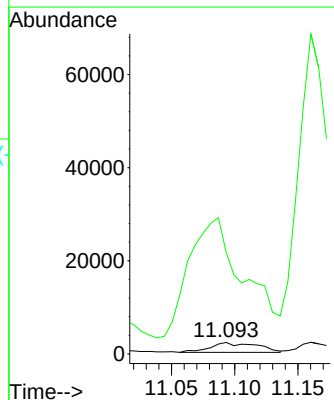
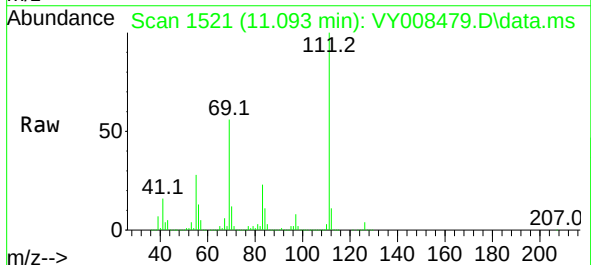
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

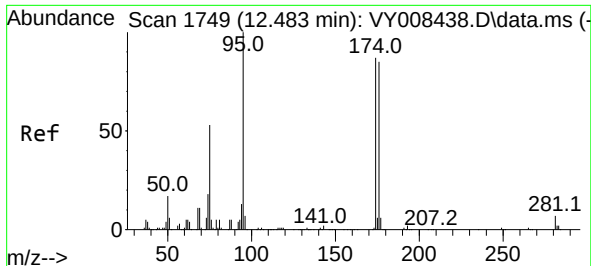
Tgt Ion:129 Resp: 20496
Ion Ratio Lower Upper
129 100
127 37.9 38.7 116.1#



#61
1,2-Dibromoethane
Concen: 5.807 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion:107 Resp: 5379
Ion Ratio Lower Upper
107 100
109 1442.9 75.4 113.2#





#62

4-Bromofluorobenzene

Concen: 1990.888 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-8

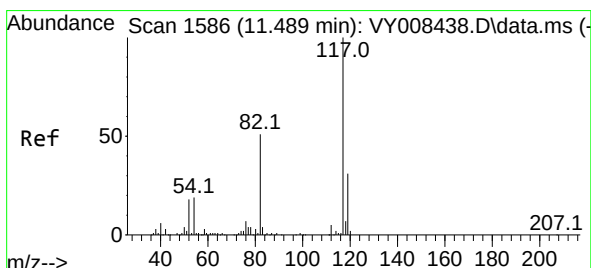
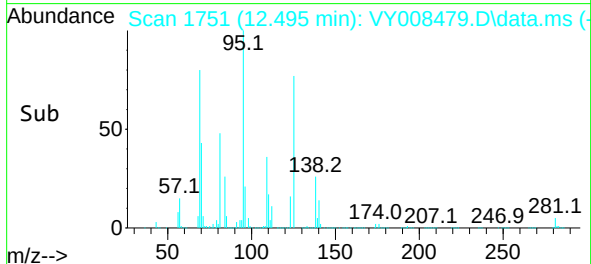
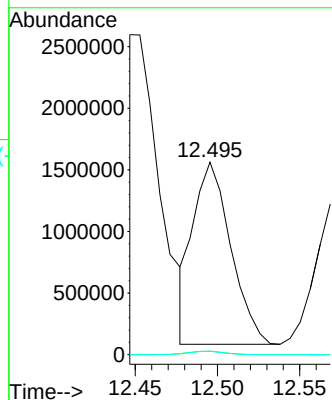
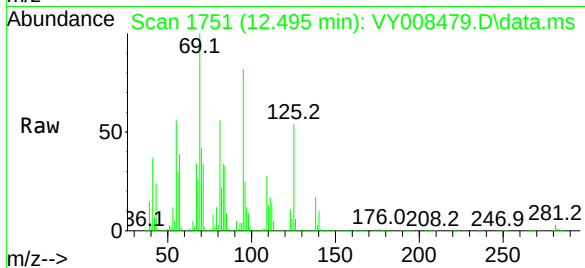
Tgt Ion: 95 Resp: 2356001

Ion Ratio Lower Upper

95 100

174 1.9 0.0 177.0

176 1.8 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

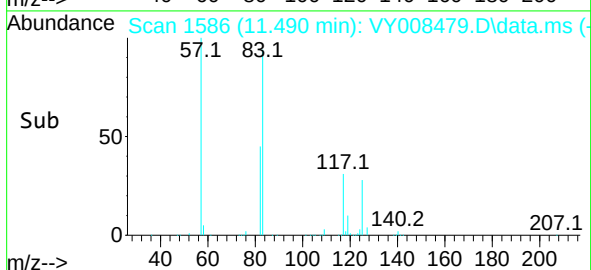
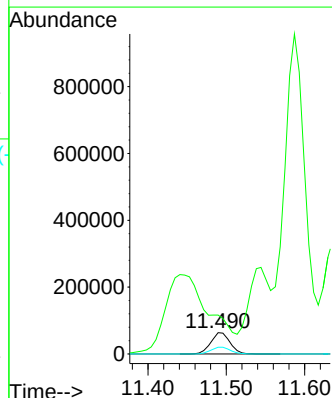
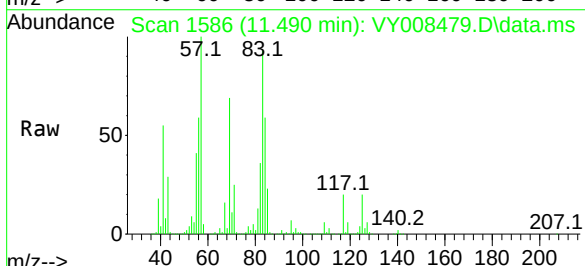
Tgt Ion: 117 Resp: 107600

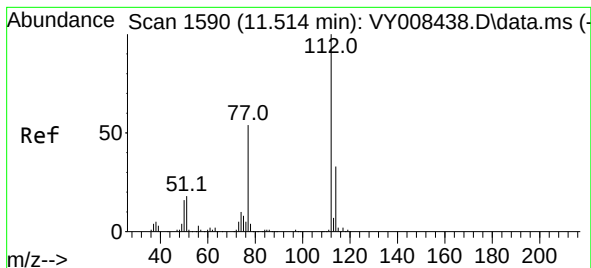
Ion Ratio Lower Upper

117 100

82 0.0 43.0 64.4#

119 31.5 25.4 38.0





#65

Chlorobenzene

Concen: 33.279 ug/l

RT: 11.422 min Scan# 11

Delta R.T. -0.092 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

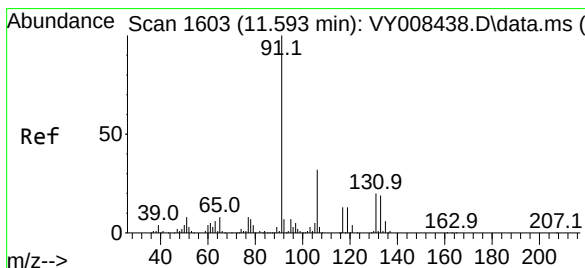
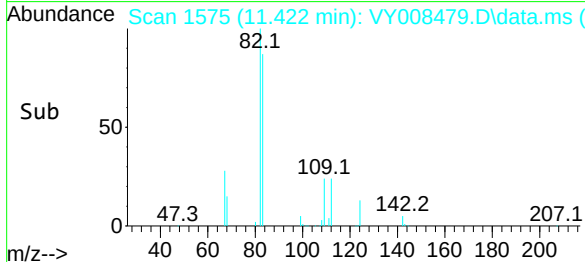
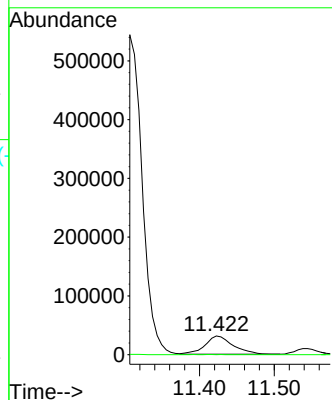
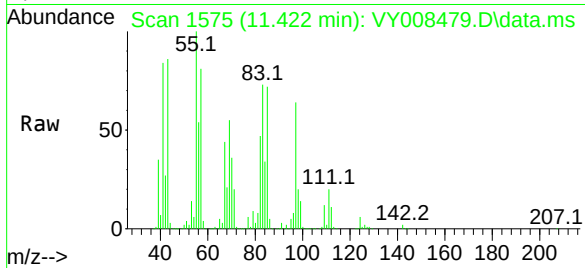
WC-15-1-8

Tgt Ion:112 Resp: 80967

Ion Ratio Lower Upper

112 100

114 0.4 25.8 38.6#



#67

Ethyl Benzene

Concen: 15.308 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008479.D

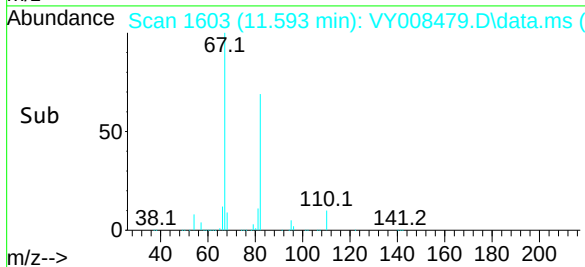
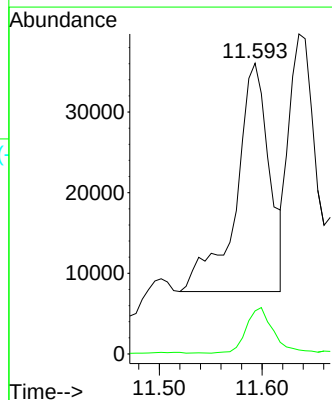
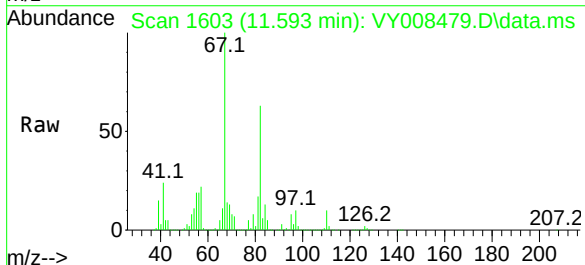
Acq: 25 Apr 2022 14:07

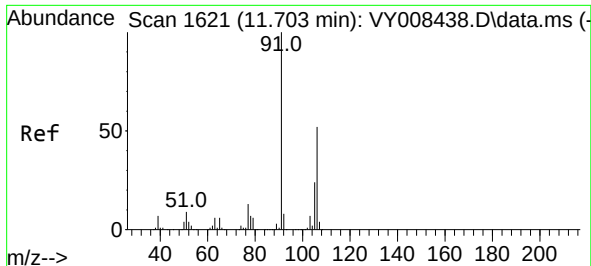
Tgt Ion: 91 Resp: 64639

Ion Ratio Lower Upper

91 100

106 18.1 24.5 36.7#

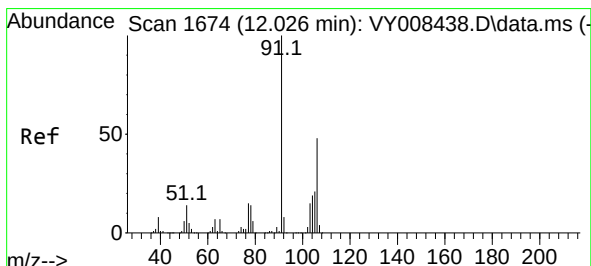
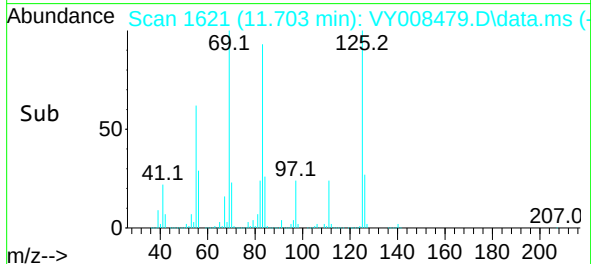
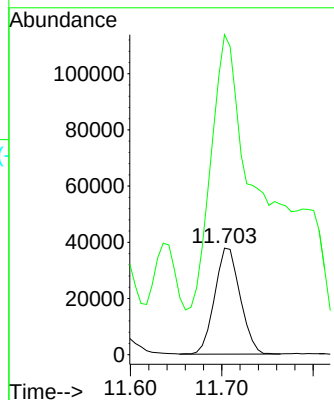
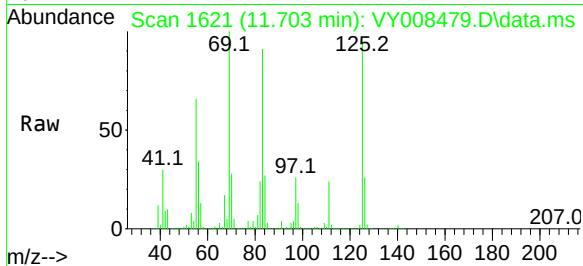




#68
m/p-Xylenes
Concen: 43.246 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

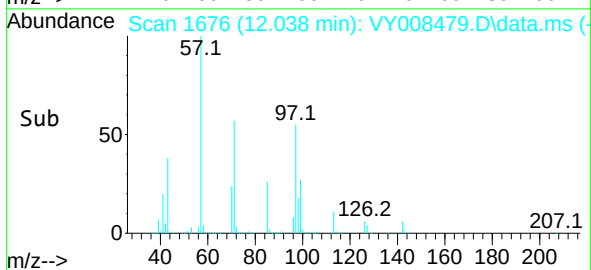
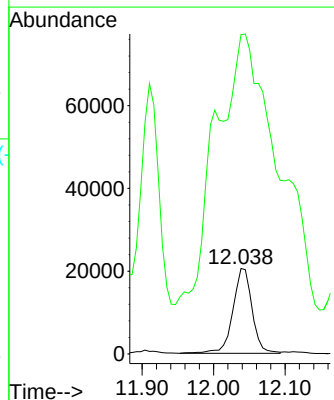
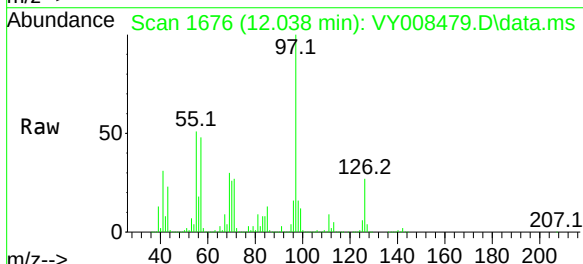
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

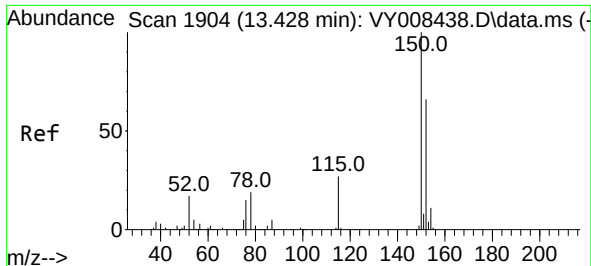
Tgt Ion:106 Resp: 73143
Ion Ratio Lower Upper
106 100
91 468.4 166.6 249.8#



#69
o-Xylene
Concen: 23.547 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion:106 Resp: 38341
Ion Ratio Lower Upper
106 100
91 751.3 110.3 331.0#

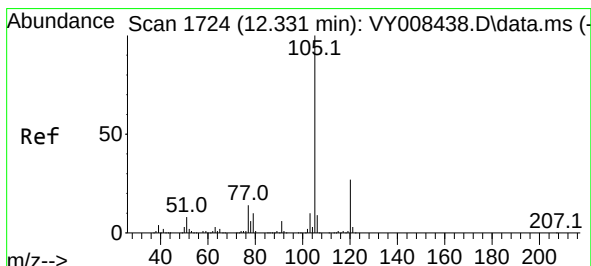
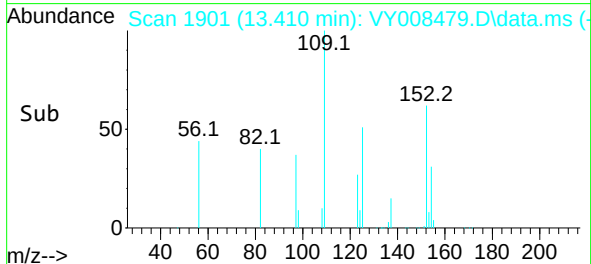
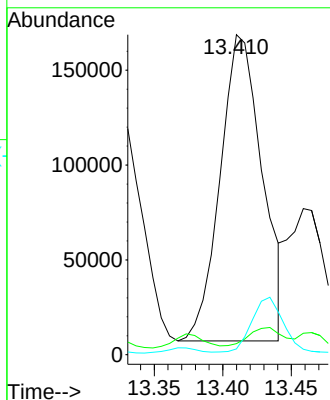
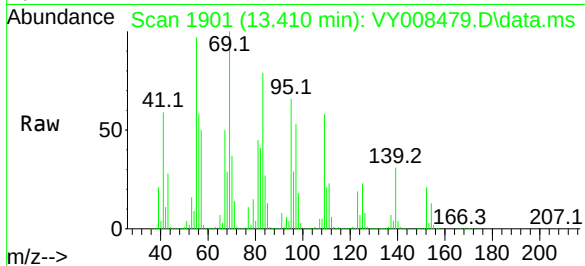




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

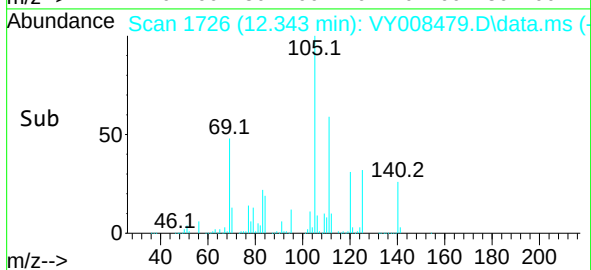
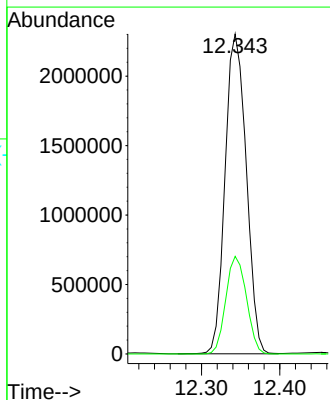
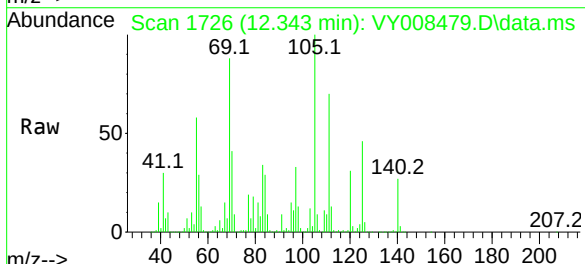
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

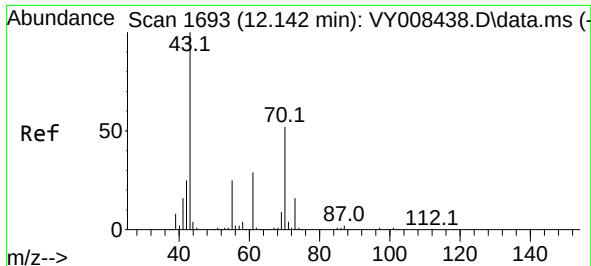
Tgt Ion:152 Resp: 345188
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



#73
Isopropylbenzene
Concen: 165.028 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion:105 Resp: 4319100
Ion Ratio Lower Upper
105 100
120 29.7 13.4 40.2

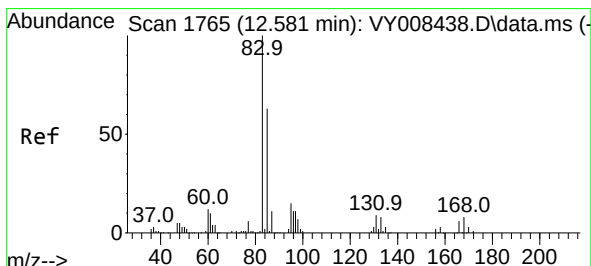
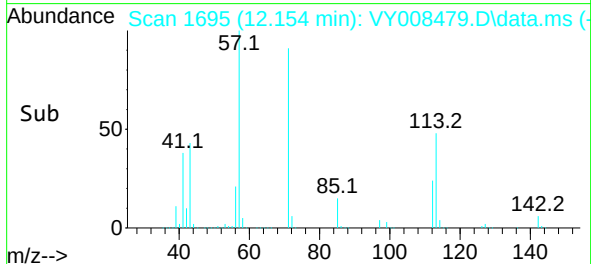
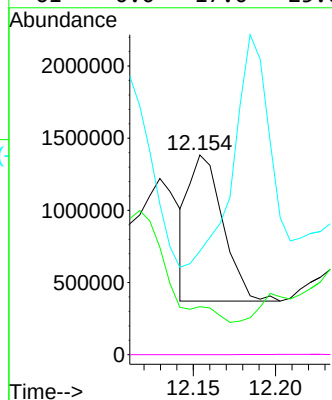
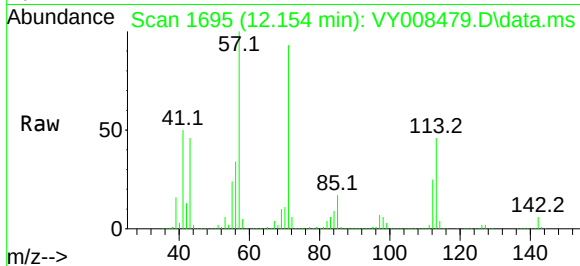




#74
N-amy1 acetate
Concen: 226.208 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

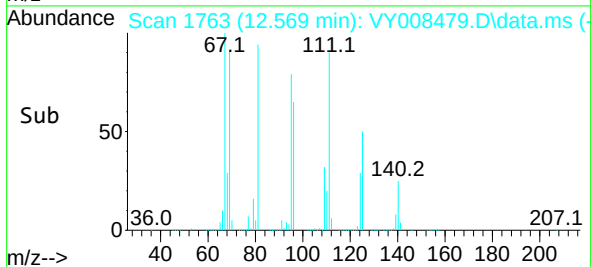
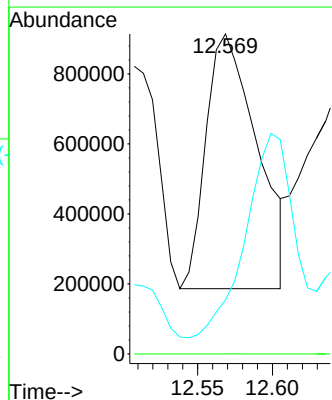
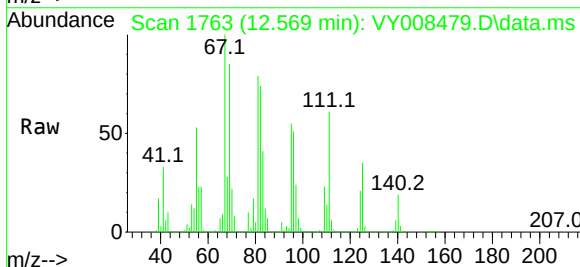
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

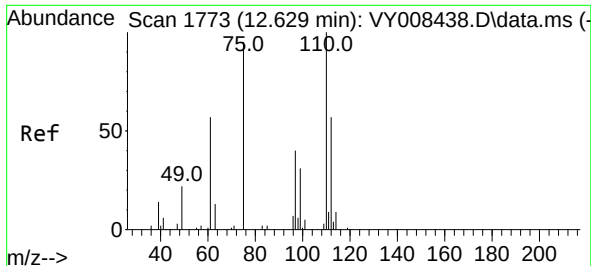
Tgt Ion: 43 Resp: 1462823
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 295.499 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. -0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 83 Resp: 1727988
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#

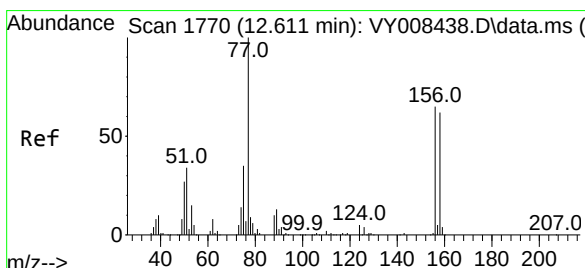
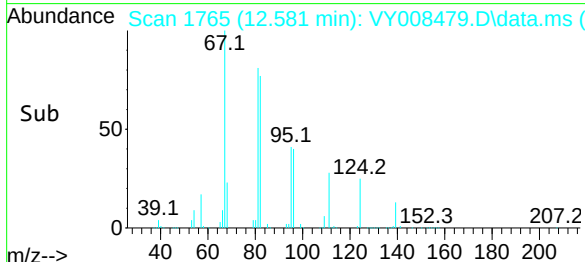
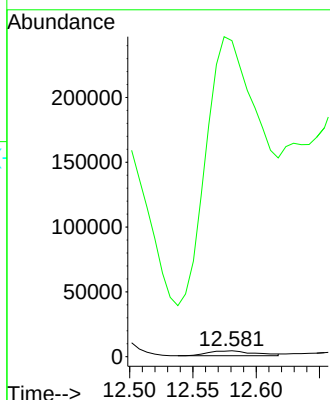
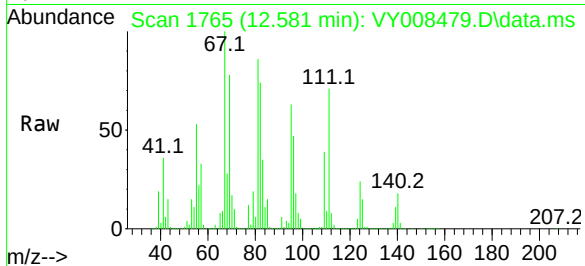




#76
1,2,3-Trichloropropane
Concen: 2.195 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.048 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

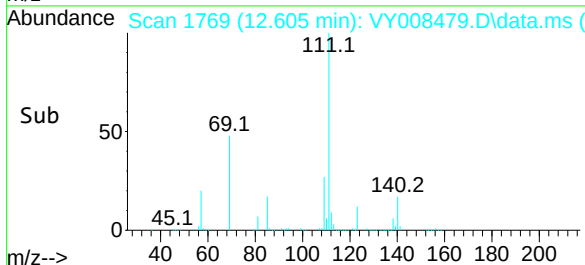
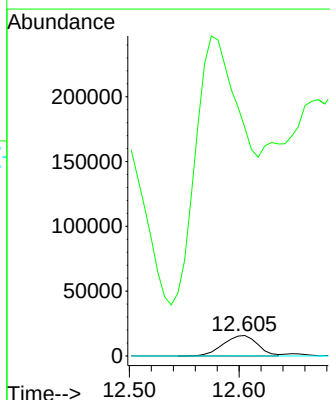
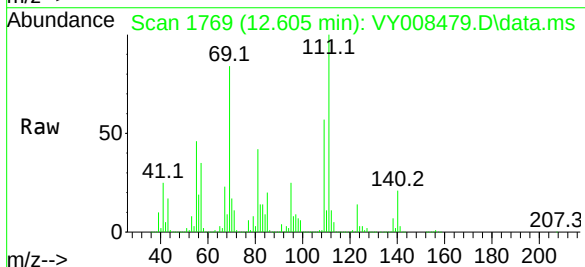
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

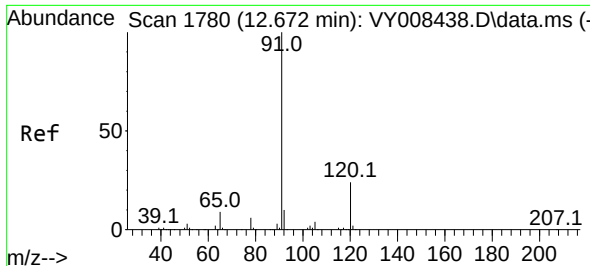
Tgt Ion: 75 Resp: 9805
Ion Ratio Lower Upper
75 100
77 6489.1 0.0 0.0#



#77
Bromobenzene
Concen: 5.397 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion:156 Resp: 34450
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.5 48.0 144.0#

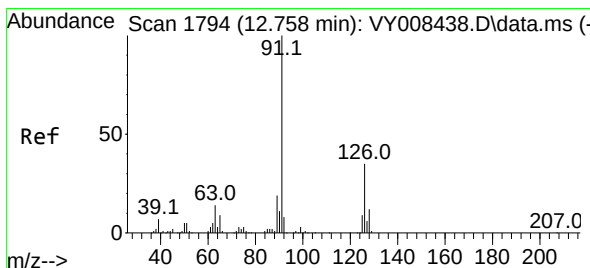
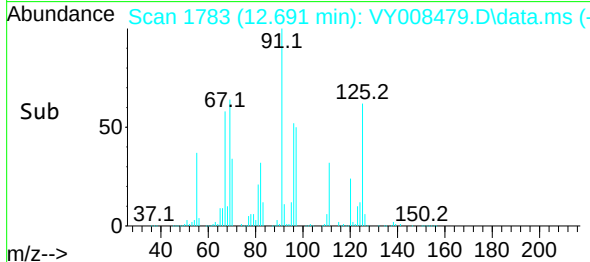
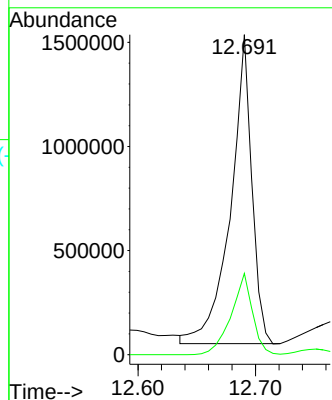
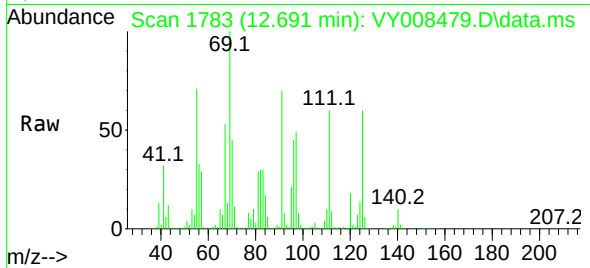




#78
n-propylbenzene
Concen: 59.170 ug/l
RT: 12.691 min Scan# 1783
Delta R.T. 0.018 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

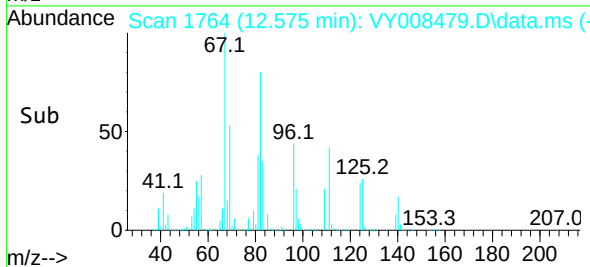
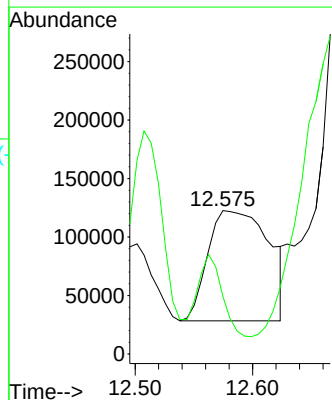
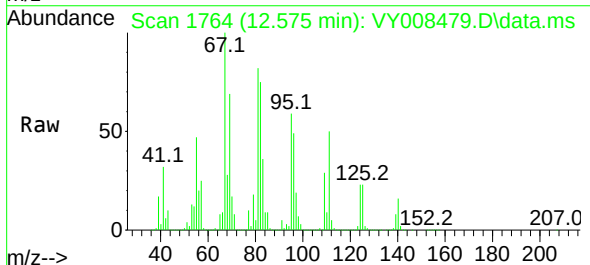
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

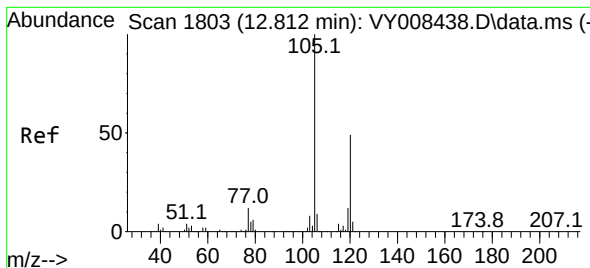
Tgt Ion: 91 Resp: 1857515
Ion Ratio Lower Upper
91 100
120 26.5 11.3 33.9



#79
2-Chlorotoluene
Concen: 19.285 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.183 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 91 Resp: 340740
Ion Ratio Lower Upper
91 100
126 30.6 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 10.837 ug/l

RT: 12.831 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

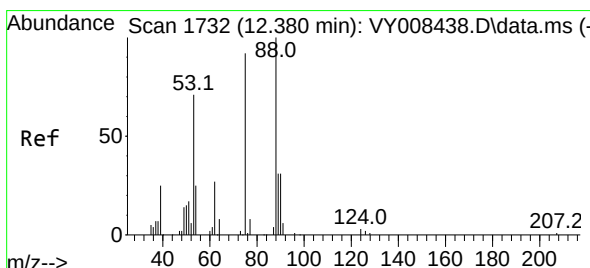
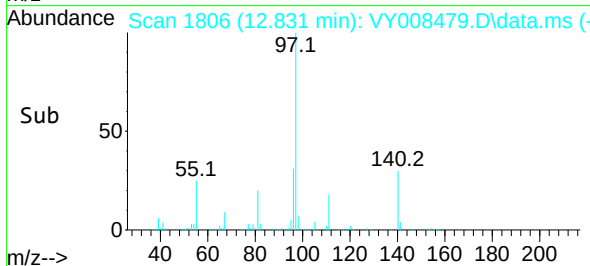
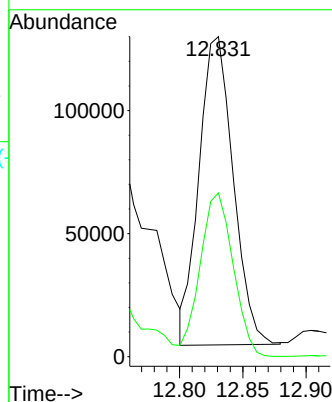
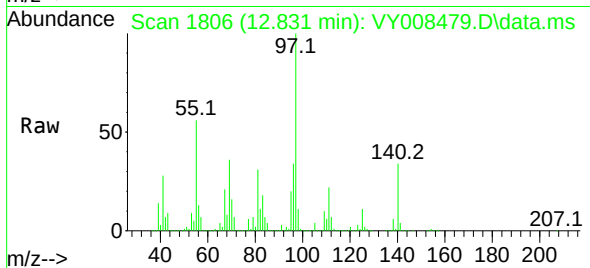
WC-15-1-8

Tgt Ion:105 Resp: 235425

Ion Ratio Lower Upper

105 100

120 50.9 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 25.765 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. -0.037 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

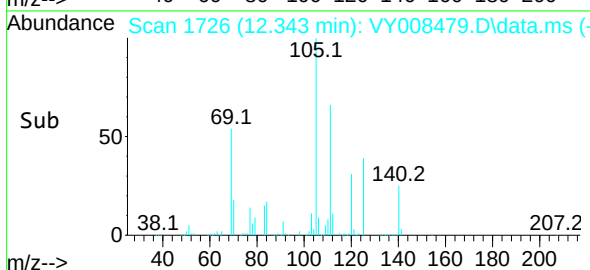
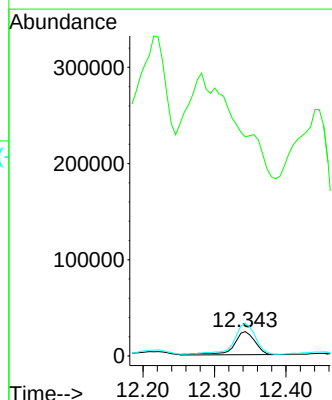
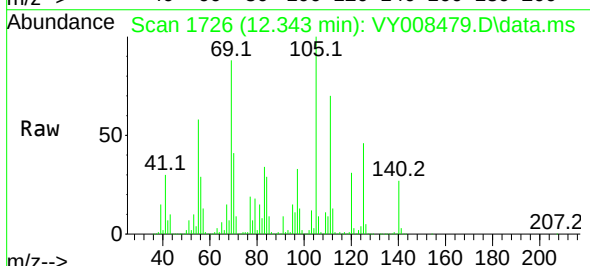
Tgt Ion: 75 Resp: 49615

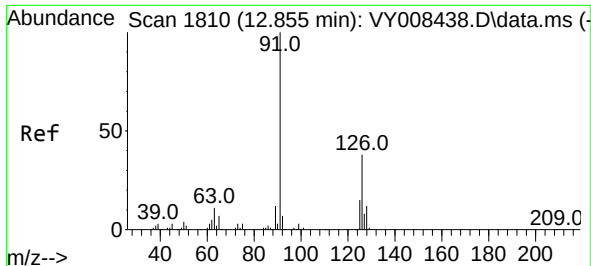
Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 136.0 37.0 55.4#

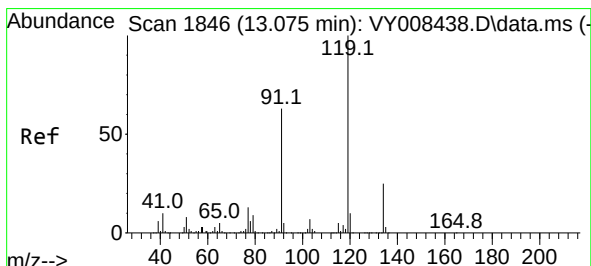
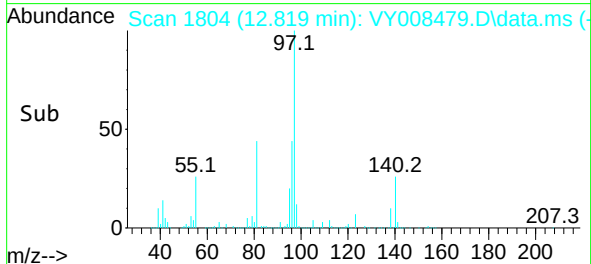
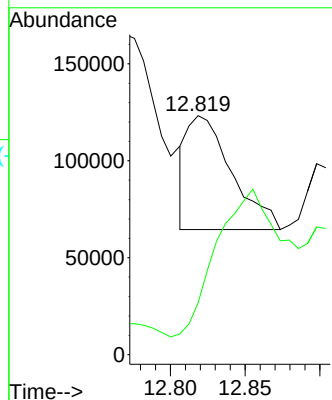
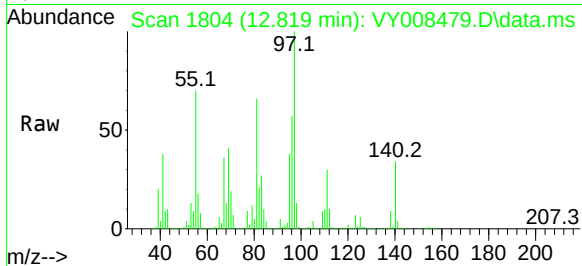




#82
4-Chlorotoluene
Concen: 6.625 ug/l
RT: 12.819 min Scan# 1810
Delta R.T. -0.036 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

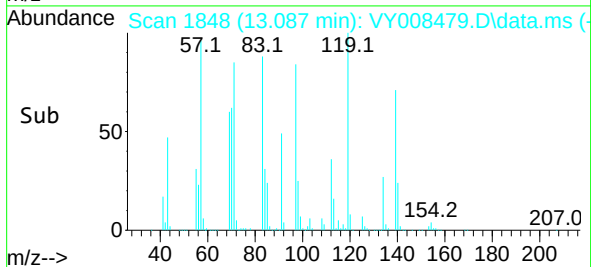
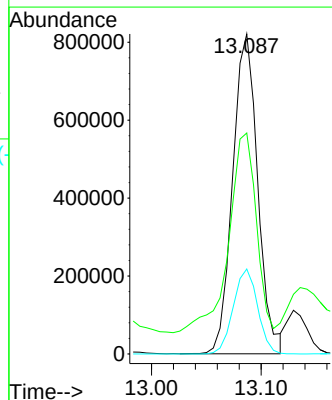
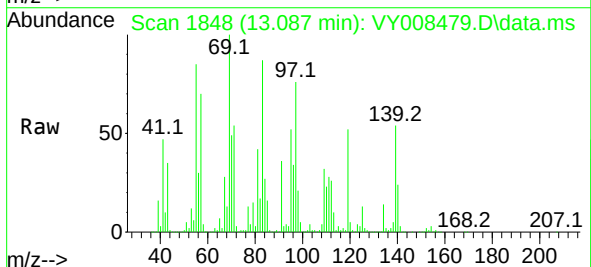
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

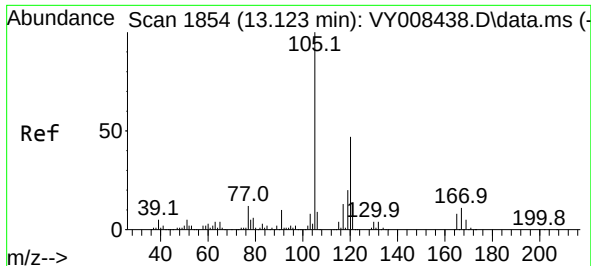
Tgt Ion: 91 Resp: 121291
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 69.024 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 119 Resp: 1301679
Ion Ratio Lower Upper
119 100
91 68.6 34.8 104.4
134 25.8 13.3 39.9

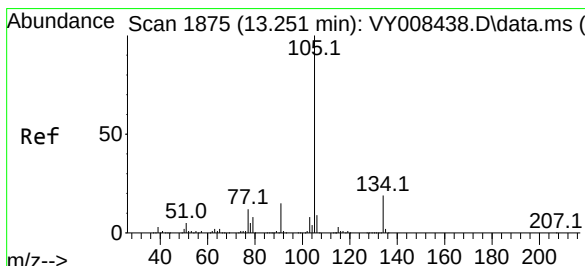
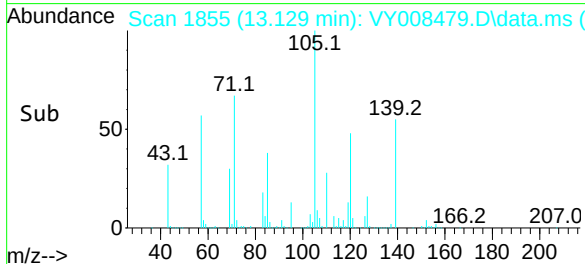
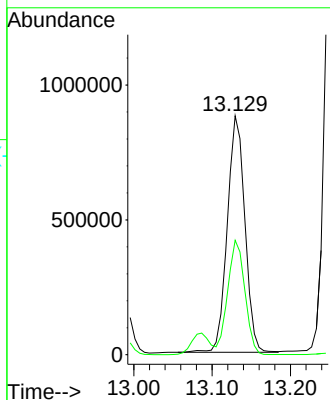
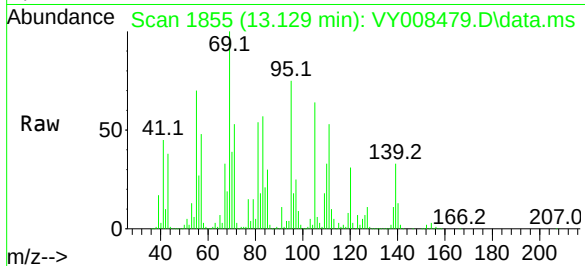




#84
1,2,4-Trimethylbenzene
Concen: 63.579 ug/l
RT: 13.129 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

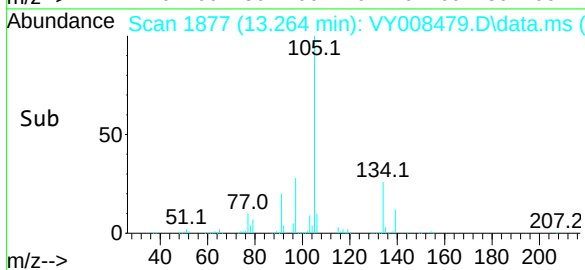
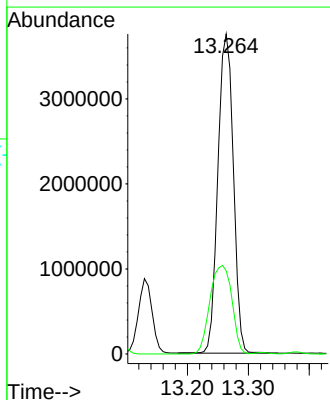
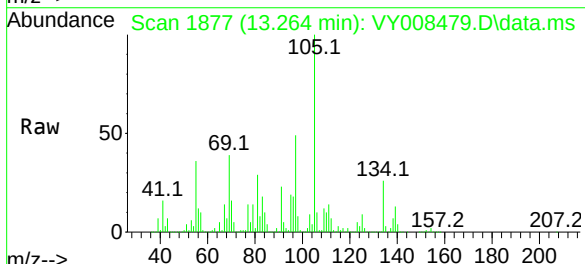
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

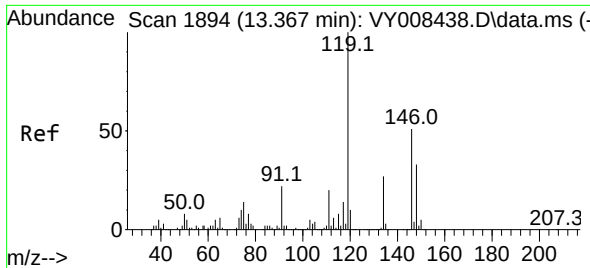
Tgt Ion:105 Resp: 1370419
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9



#85
sec-Butylbenzene
Concen: 233.169 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.013 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion:105 Resp: 6636093
Ion Ratio Lower Upper
105 100
134 39.2 10.2 30.4#

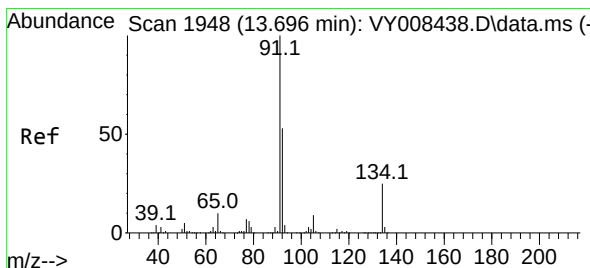
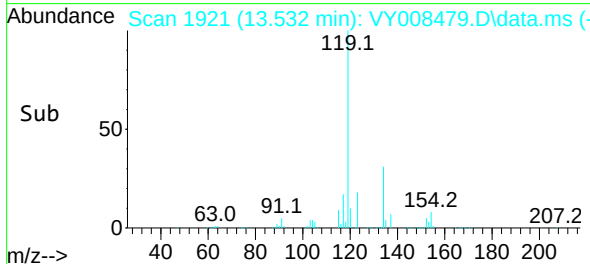
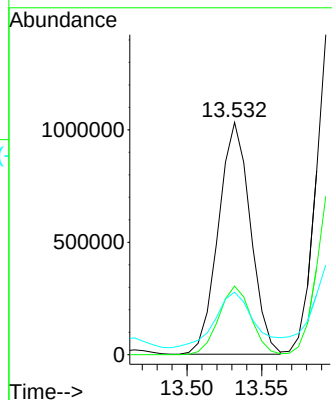
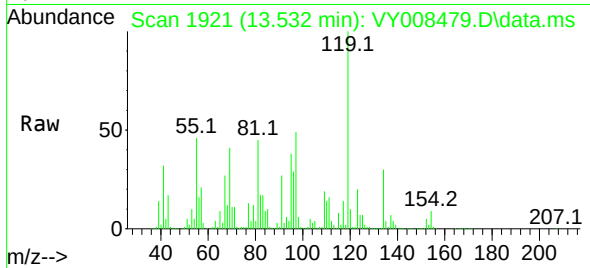




#86
p-Isopropyltoluene
Concen: 64.498 ug/l
RT: 13.532 min Scan# 1921
Delta R.T. 0.165 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

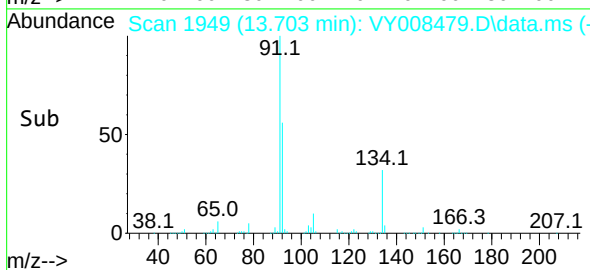
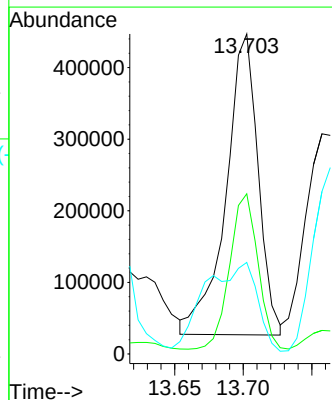
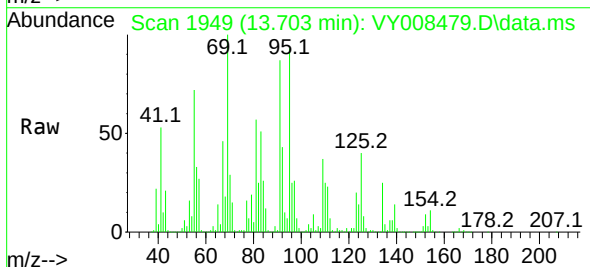
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

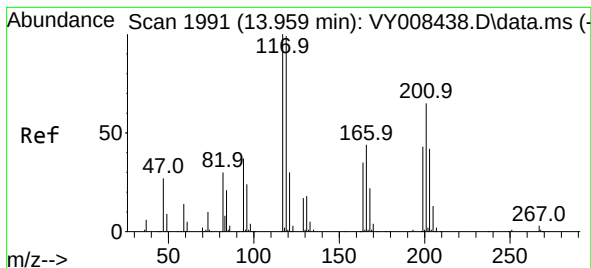
Tgt Ion:119 Resp: 1537296
Ion Ratio Lower Upper
119 100
134 29.6 13.2 39.5
91 28.8 12.4 37.2



#89
n-Butylbenzene
Concen: 31.779 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 91 Resp: 687472
Ion Ratio Lower Upper
91 100
92 46.6 26.3 78.9
134 49.8 13.0 38.9#





#90

Hexachloroethane

Concen: 72.951 ug/l

RT: 13.977 min Scan# 1991

Delta R.T. 0.018 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

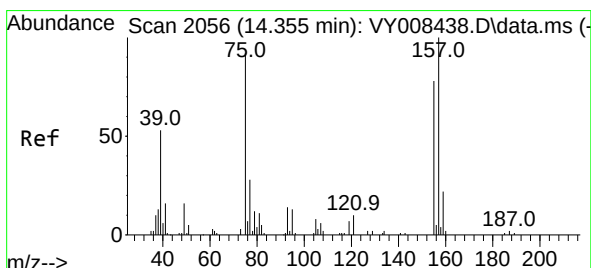
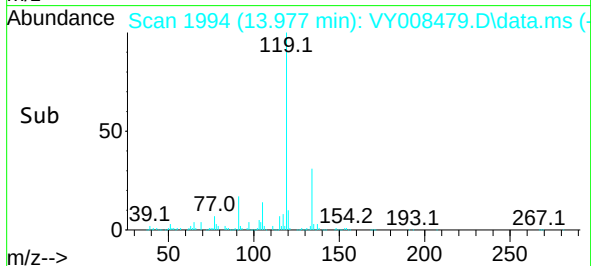
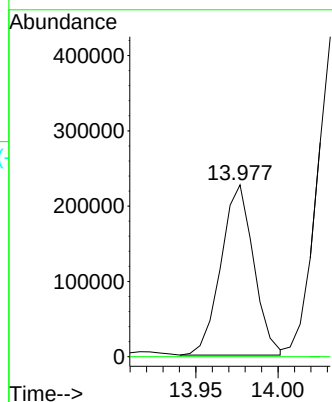
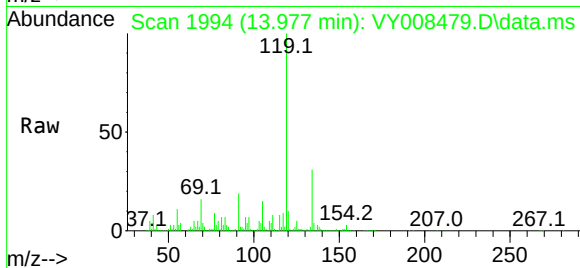
WC-15-1-8

Tgt Ion:117 Resp: 312606

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.441 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.018 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Tgt Ion: 75 Resp: 1266

Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

157 6.1 47.8 143.3#

