

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008429.D
 Acq On : 20 Apr 2022 19:25
 Operator : KP/MD
 Sample : N2452-09
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-4

Quant Time: Apr 21 02:42:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	122201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110581	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.538	152	34258	50.000	ug/l	0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51073	44.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.716	113	56796	50.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.179	98	461036	120.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	240.060%#
62) 4-Bromofluorobenzene	12.477	95	331996	229.811	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	459.620%#

Target Compounds						Qvalue
3) Chloromethane	2.113	50	129	Below Cal	#	34
5) Bromomethane	2.662	94	168	Below Cal		94
11) Tert butyl alcohol	4.948	59	876	7.138	ug/l #	77
13) Acrolein	3.729	56	129	1.335	ug/l #	14
15) Acrylonitrile	5.234	53	6482	17.703	ug/l #	42
16) Acetone	3.948	43	45858	166.099	ug/l #	86
17) Carbon Disulfide	4.198	76	6584	2.071	ug/l	97
20) Methylene Chloride	4.710	84	4461	Below Cal	#	58
25) 2-Butanone	6.984	43	23849	55.243	ug/l #	81
26) 2,2-Dichloropropane	6.801	77	2396	1.092	ug/l #	55
29) Tetrahydrofuran	7.350	42	372	1.335	ug/l #	49
30) Chloroform	7.472	83	4346	1.634	ug/l #	18
31) Cyclohexane	7.783	56	338892	163.268	ug/l #	83
36) 1,1-Dichloropropene	7.783	75	9146	5.103	ug/l #	58
37) Ethyl Acetate	6.984	43	23849	25.804	ug/l #	72
38) Carbon Tetrachloride	7.789	117	11916	6.179	ug/l #	16
39) Methylcyclohexane	9.185	83	2511997	1089.216	ug/l #	80
40) Benzene	8.161	78	6633	1.243	ug/l	99
41) Methacrylonitrile	7.350	41	1425	2.756	ug/l #	49
43) Isopropyl Acetate	8.270	43	74356	43.349	ug/l #	57
47) Bromodichloromethane	9.465	83	31756	16.362	ug/l #	44
48) Methyl methacrylate	9.246	41	95458	130.913	ug/l #	38
51) 4-Methyl-2-Pentanone	10.112	43	43337	48.929	ug/l	97
52) Toluene	10.240	92	15273	4.343	ug/l	91
55) 1,1,2-Trichloroethane	10.618	97	757452	615.292	ug/l #	19
56) Ethyl methacrylate	10.520	69	303826	201.303	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.764	63	1719	2.891	ug/l #	48
59) 2-Hexanone	10.807	43	781125	1281.685	ug/l #	34
60) Dibromochloromethane	10.904	129	3823	2.659	ug/l	66
61) 1,2-Dibromoethane	11.099	107	2591	2.153	ug/l #	3
64) Tetrachloroethene	10.721	164	1511	1.939	ug/l #	88
65) Chlorobenzene	11.520	112	21606	9.010	ug/l	98
67) Ethyl Benzene	11.593	91	204358	50.110	ug/l	95
68) m/p-Xylenes	11.703	106	311697	192.180	ug/l	96
69) o-Xylene	12.026	106	384045	244.003	ug/l	94
70) Styrene	12.026	104	19667	7.577	ug/l #	1

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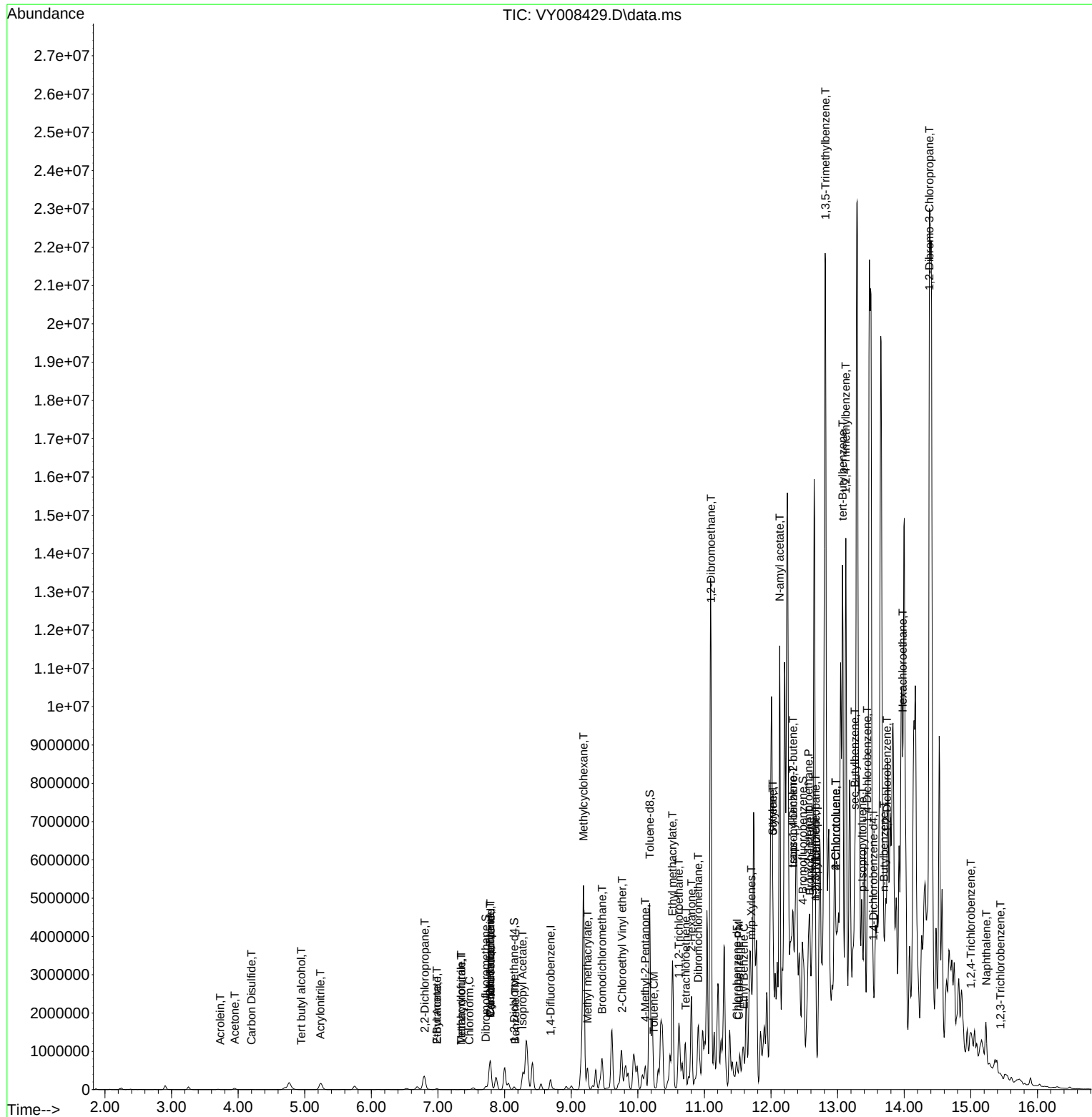
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	12.331	105	591169	232.103	ug/l	98
74) N-amyl acetate	12.129	43	1645805	2976.277	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.562	83	232275	430.982	ug/l #	51
76) 1,2,3-Trichloropropane	12.672	75	5993	15.817	ug/l #	100
77) Bromobenzene	12.587	156	5648	9.049	ug/l #	1
78) n-propylbenzene	12.672	91	720618	239.767	ug/l	98
79) 2-Chlorotoluene	12.971	91	140840	83.500	ug/l	92
80) 1,3,5-Trimethylbenzene	12.818	105	4114879	1970.225	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.331	75	6584	38.881	ug/l #	1
82) 4-Chlorotoluene	12.971	91	140840	81.253	ug/l	98
83) tert-Butylbenzene	13.074	119	163242	87.125	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	5621768	2719.926	ug/l	92
85) sec-Butylbenzene	13.257	105	636381	229.100	ug/l #	65
86) p-Isopropyltoluene	13.373	119	217561	93.858	ug/l	95
88) 1,4-Dichlorobenzene	13.446	146	2302	1.882	ug/l #	1
89) n-Butylbenzene	13.696	91	201297	96.117	ug/l #	63
90) Hexachloroethane	13.977	117	90824	209.638	ug/l #	6
91) 1,2-Dichlorobenzene	13.739	146	28838	26.223	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.379	75	1400	18.156	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.001	180	2935	4.512	ug/l #	1
95) Naphthalene	15.233	128	53917	38.697	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.446	180	2530	4.445	ug/l #	37

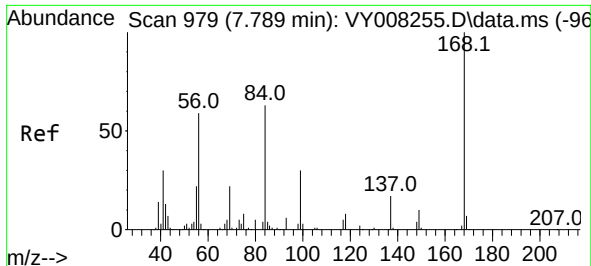
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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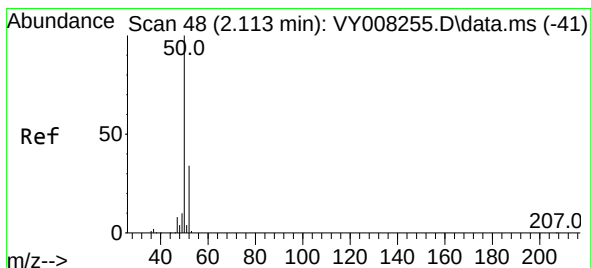
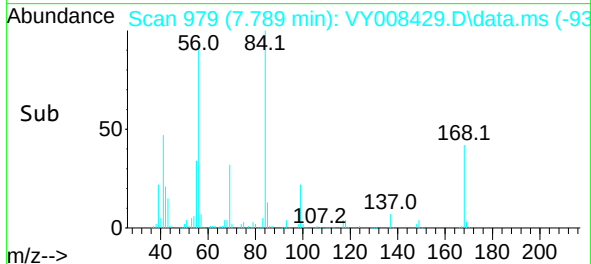
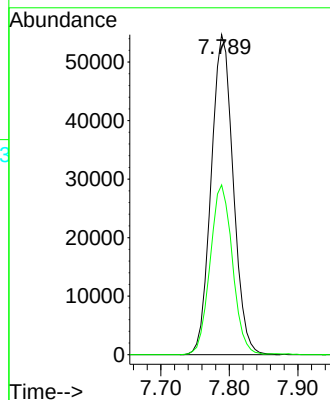
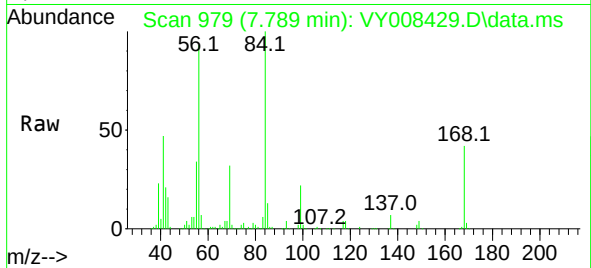




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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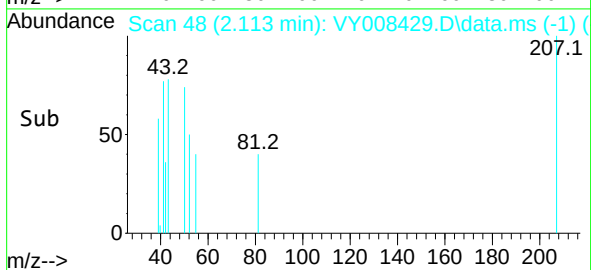
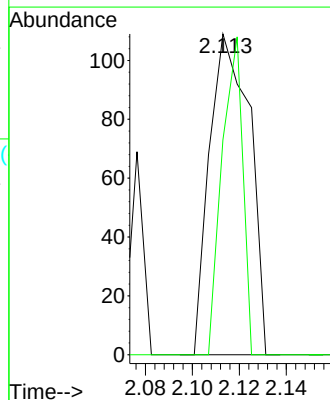
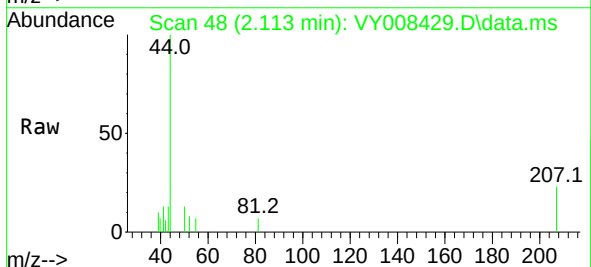
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

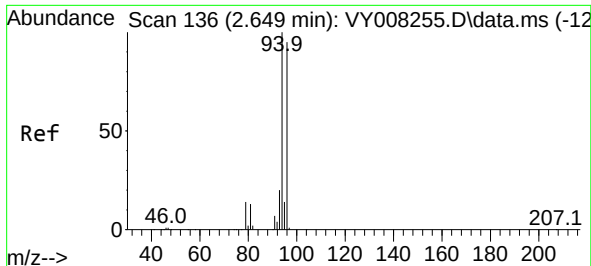
Tgt Ion:168 Resp: 122201
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 50 Resp: 129
Ion Ratio Lower Upper
50 100
52 67.0 24.6 37.0#

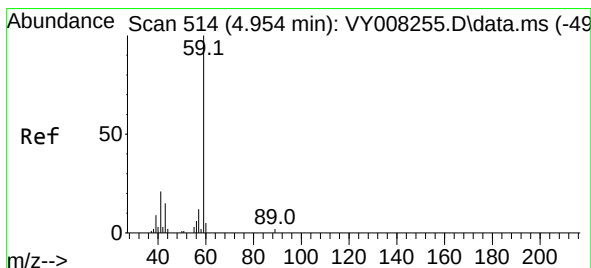
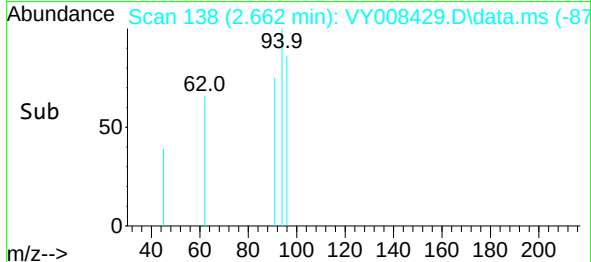
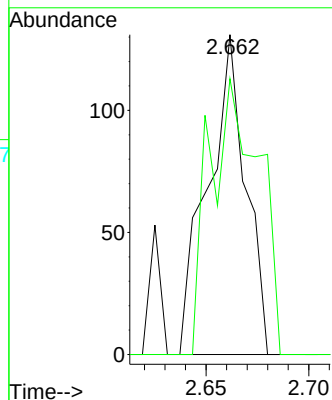
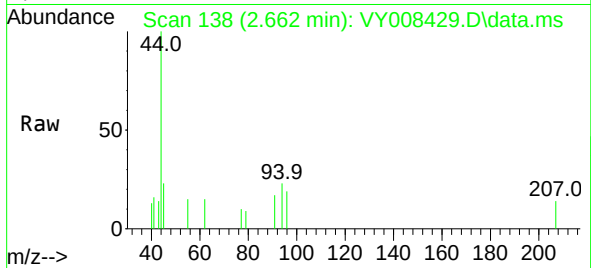




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

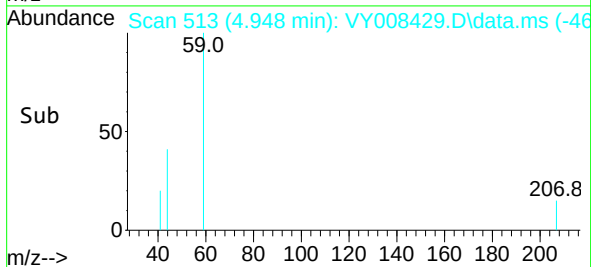
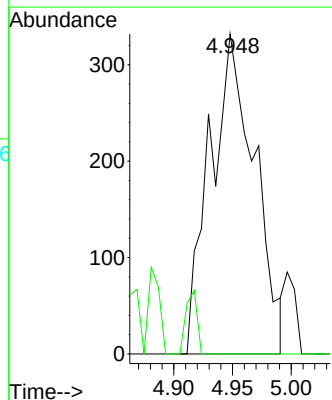
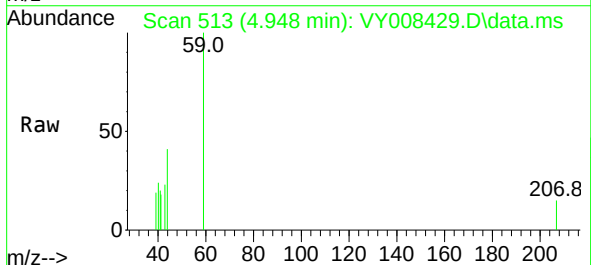
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

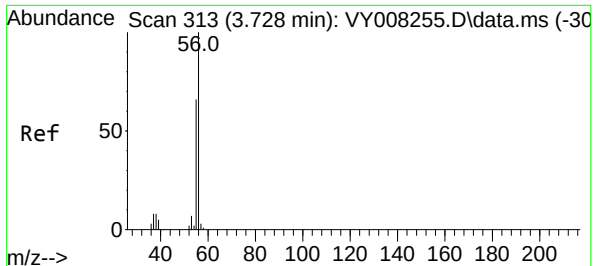
Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 86.3 73.5 110.3



#11
Tert butyl alcohol
Concen: 7.138 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 59 Resp: 876
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#13

Acrolein

Concen: 1.335 ug/l

RT: 3.729 min Scan# 31

Delta R.T. 0.001 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

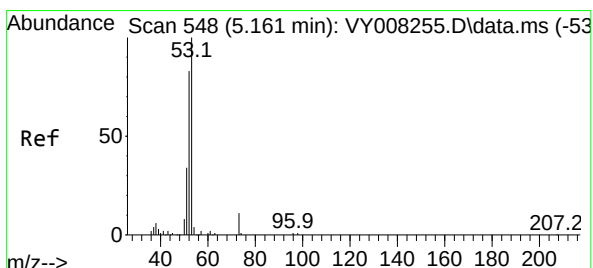
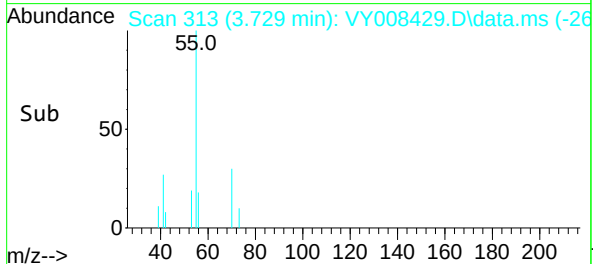
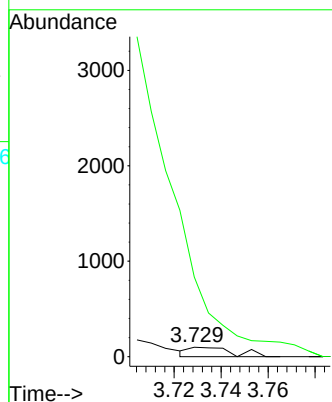
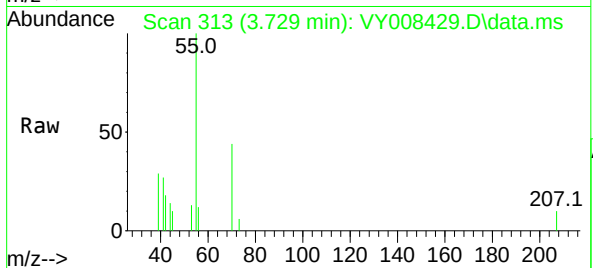
WC-15-1-4

Tgt Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#



#15

Acrylonitrile

Concen: 17.703 ug/l

RT: 5.234 min Scan# 560

Delta R.T. 0.073 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

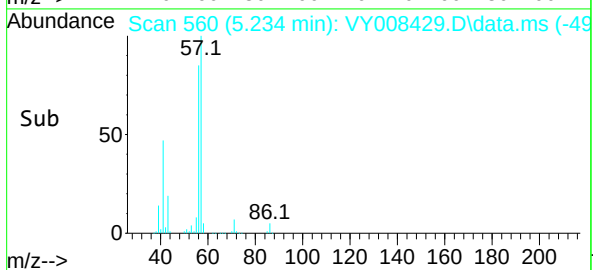
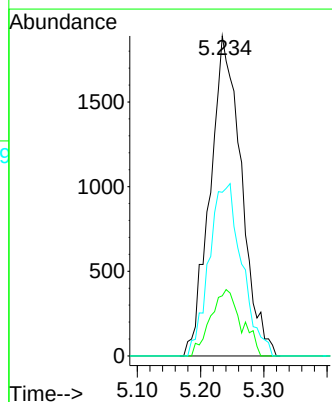
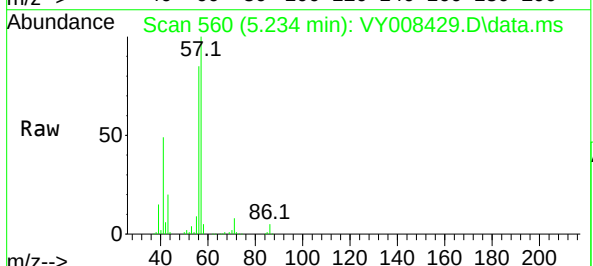
Tgt Ion: 53 Resp: 6482

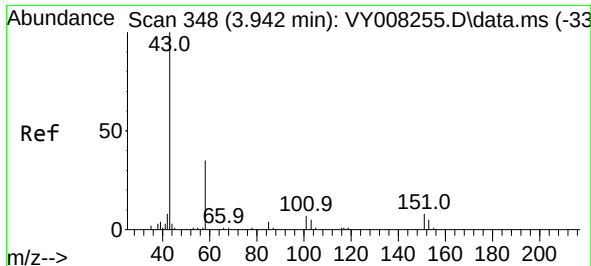
Ion Ratio Lower Upper

53 100

52 20.4 67.0 100.4#

51 56.5 29.8 44.6#





#16

Acetone

Concen: 166.099 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

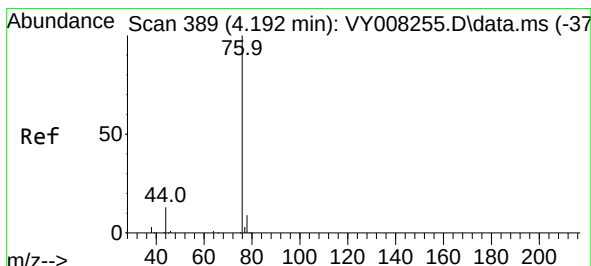
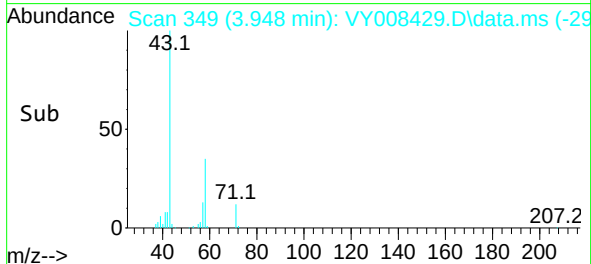
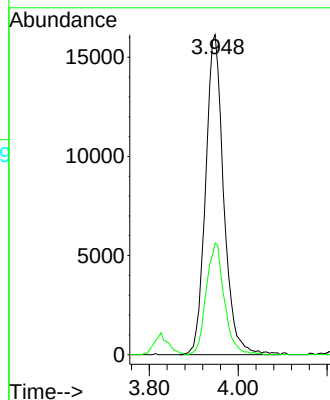
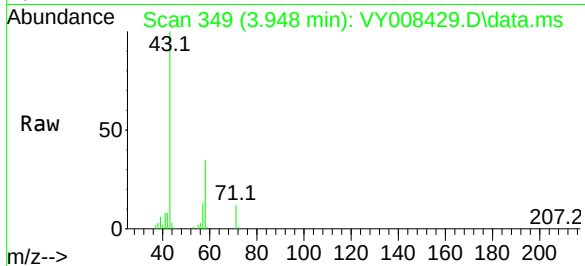
WC-15-1-4

Tgt Ion: 43 Resp: 45858

Ion Ratio Lower Upper

43 100

58 34.9 22.0 33.0#



#17

Carbon Disulfide

Concen: 2.071 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY008429.D

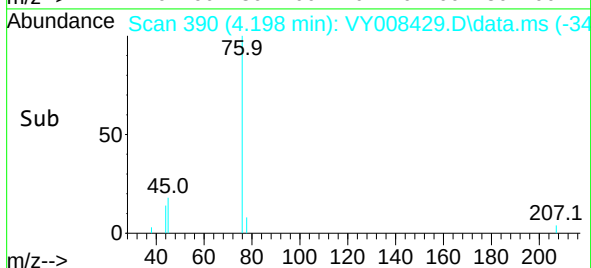
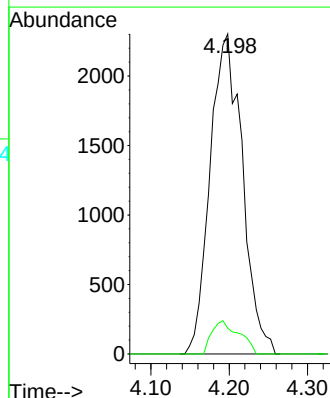
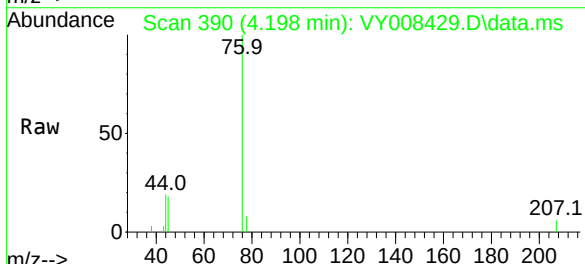
Acq: 20 Apr 2022 19:25

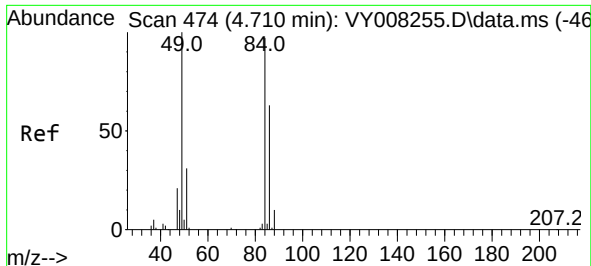
Tgt Ion: 76 Resp: 6584

Ion Ratio Lower Upper

76 100

78 8.0 7.4 11.0

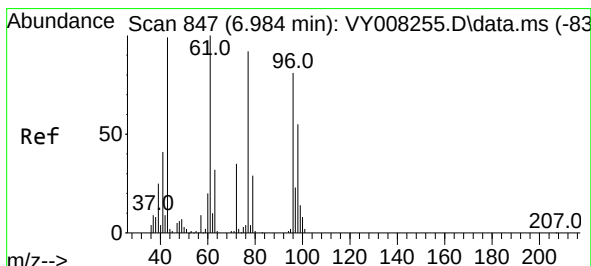
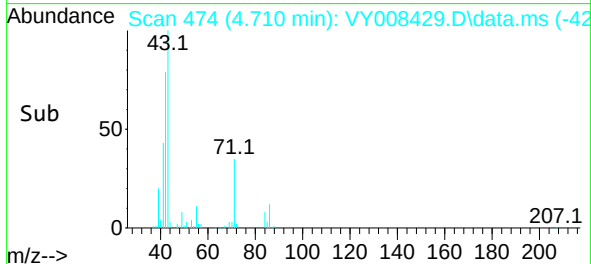
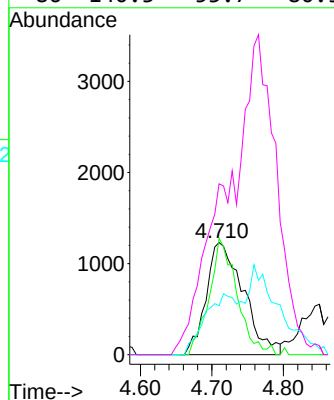
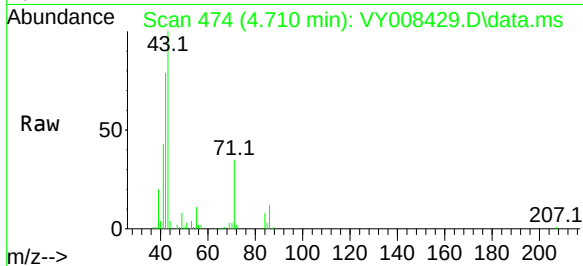




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

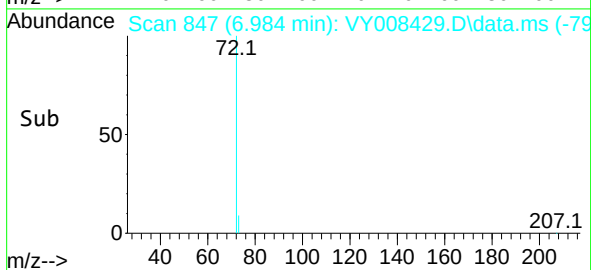
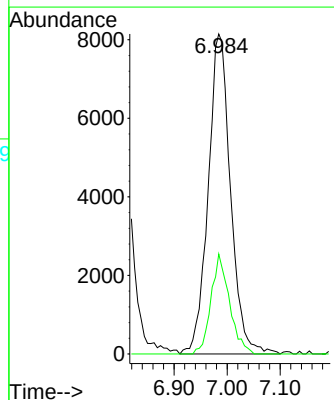
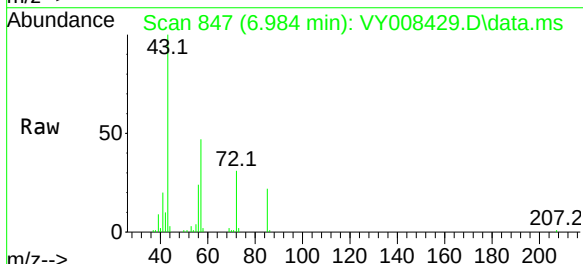
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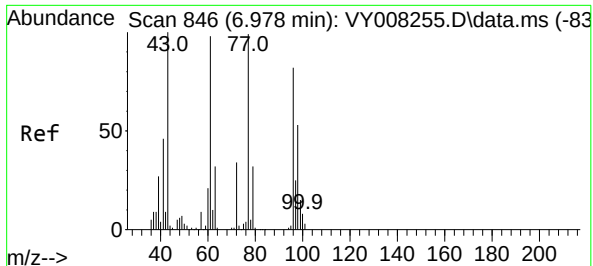
Tgt Ion: 84 Resp: 4461
Ion Ratio Lower Upper
84 100
49 103.7 114.4 171.6#
51 43.7 35.3 52.9
86 140.3 53.7 80.5#



#25
2-Butanone
Concen: 55.243 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 43 Resp: 23849
Ion Ratio Lower Upper
43 100
72 31.2 17.7 26.5#

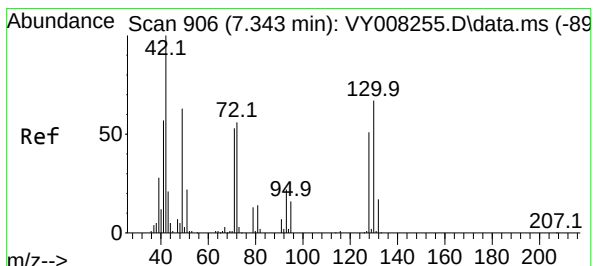
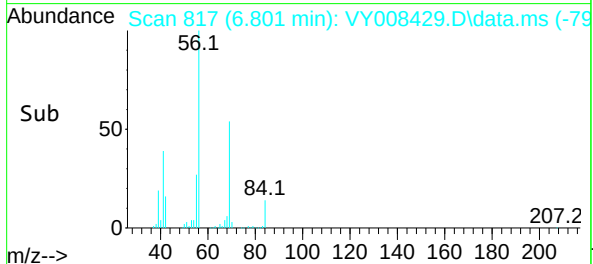
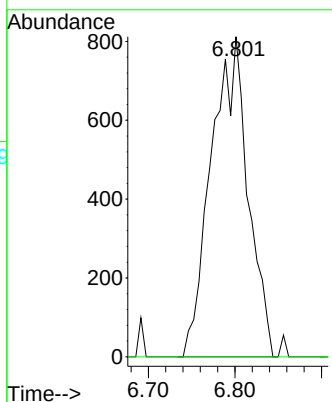
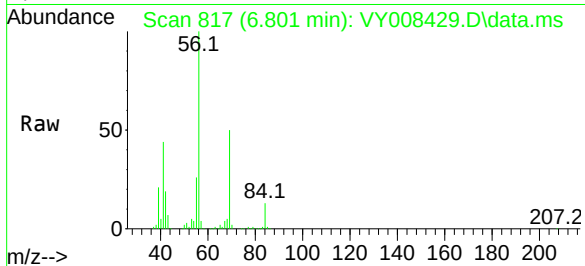




#26
2,2-Dichloropropane
Concen: 1.092 ug/l
RT: 6.801 min Scan# 81
Delta R.T. -0.177 min
Lab File: VY008429.D
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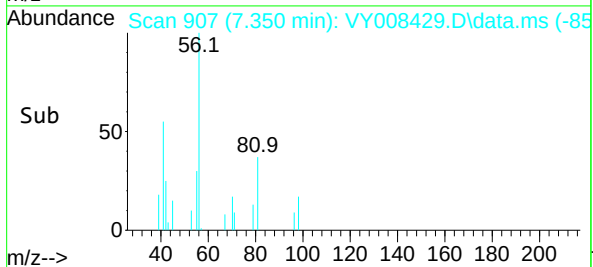
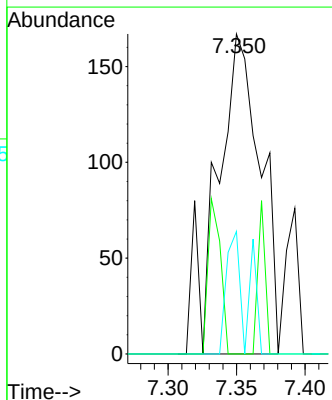
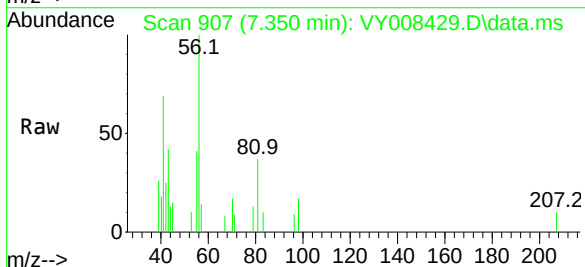
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

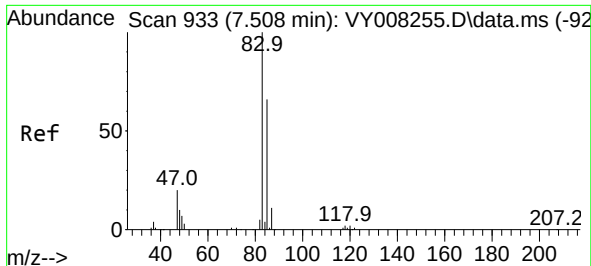
Tgt Ion: 77 Resp: 2396
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#29
Tetrahydrofuran
Concen: 1.335 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.007 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 42 Resp: 372
Ion Ratio Lower Upper
42 100
72 13.7 30.3 45.5#
71 0.0 29.0 43.4#

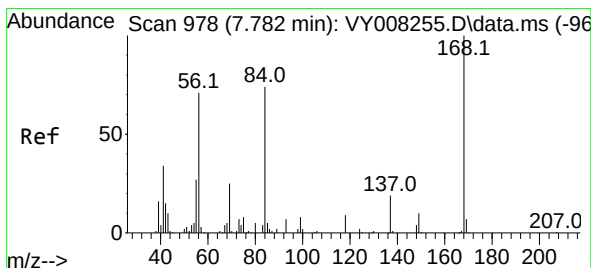
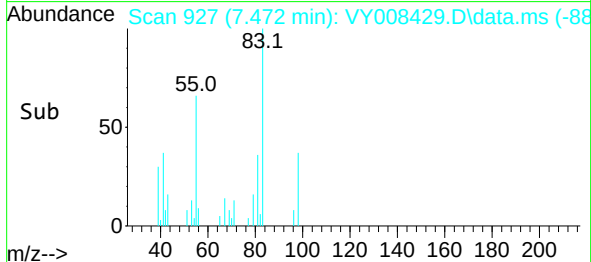
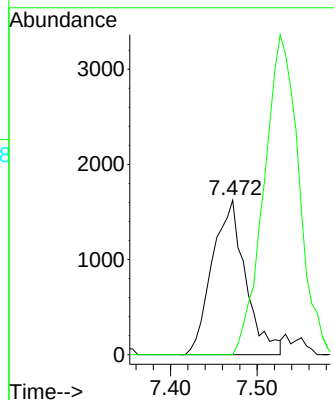
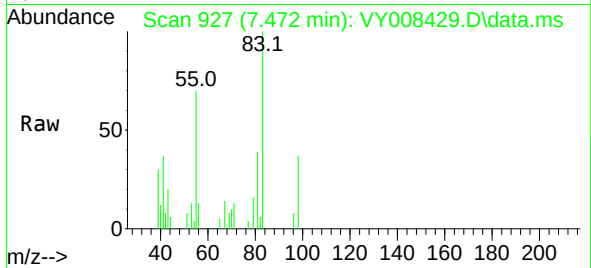




#30
Chloroform
Concen: 1.634 ug/l
RT: 7.472 min Scan# 91
Delta R.T. -0.036 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

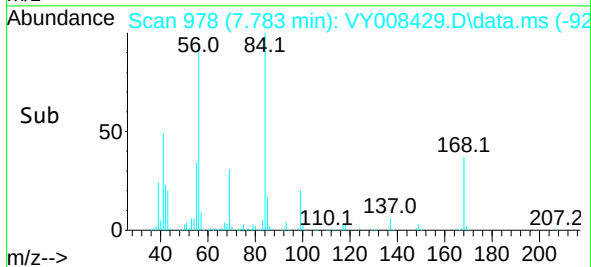
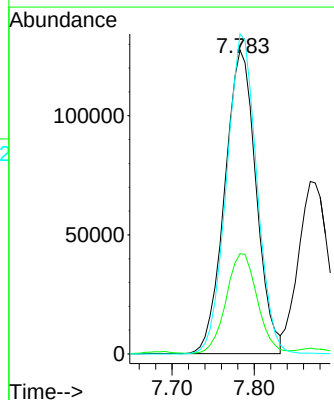
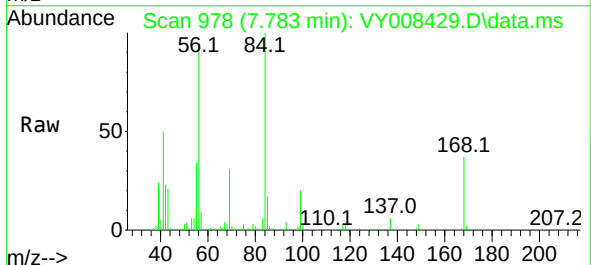
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

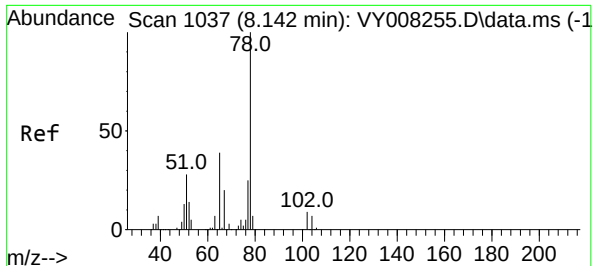
Tgt Ion: 83 Resp: 4346
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.6#



#31
Cyclohexane
Concen: 163.268 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 56 Resp: 338892
Ion Ratio Lower Upper
56 100
69 32.7 26.7 40.1
84 105.4 67.2 100.8#

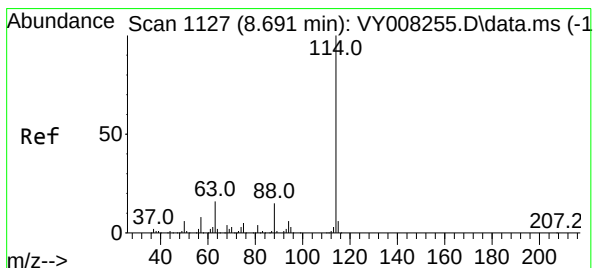
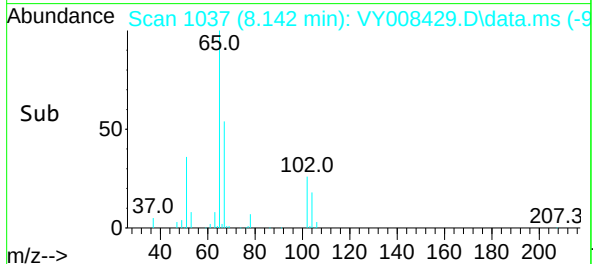
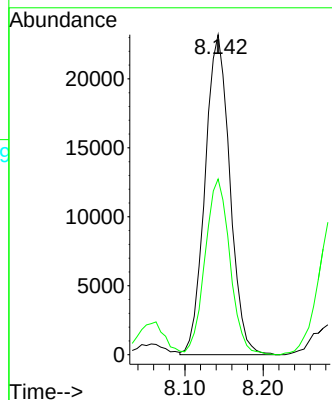
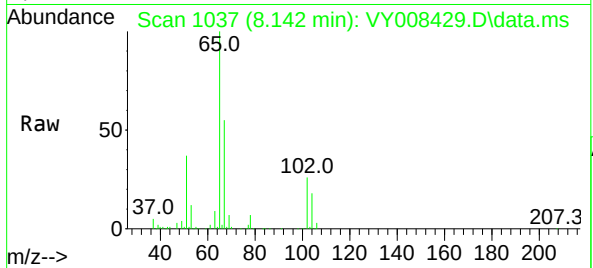




#33
 1,2-Dichloroethane-d4
 Concen: 44.494 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008429.D
 Acq: 20 Apr 2022 19:25

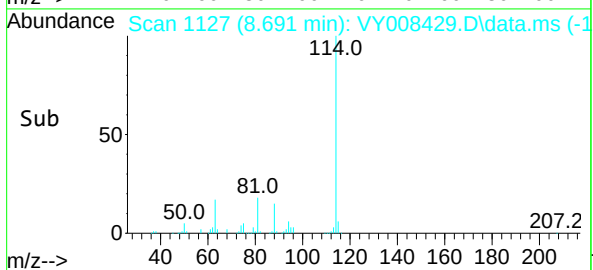
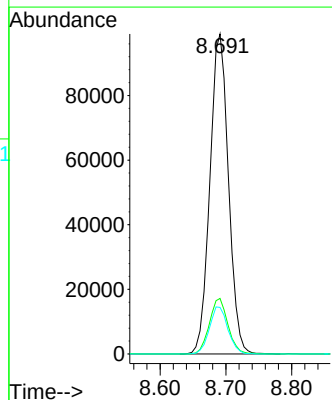
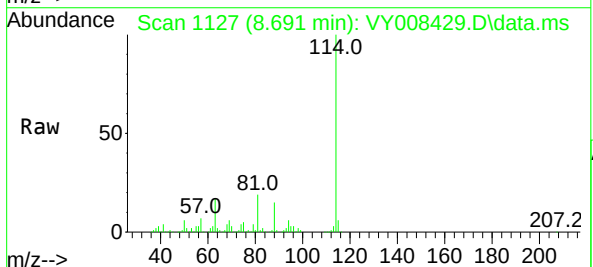
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-4

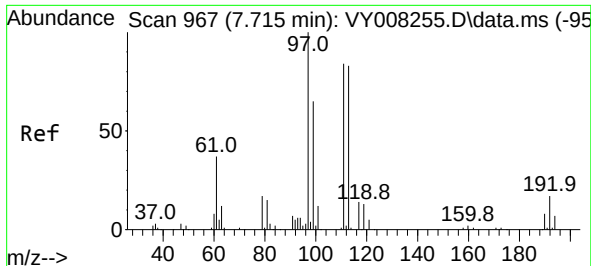
Tgt Ion: 65 Resp: 51073
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008429.D
 Acq: 20 Apr 2022 19:25

Tgt Ion: 114 Resp: 194340
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 43.2
 88 14.6 0.0 31.8

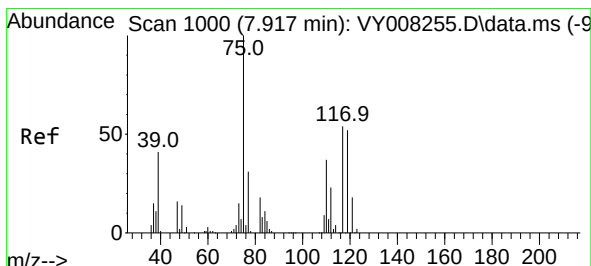
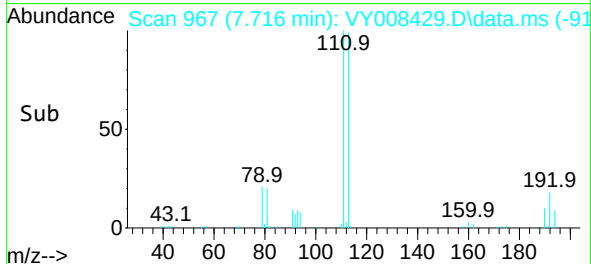
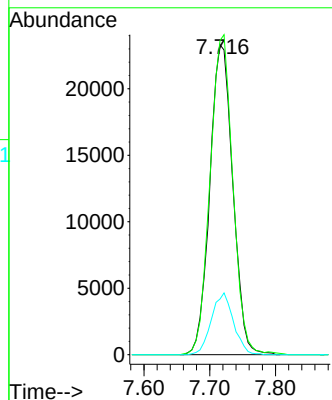
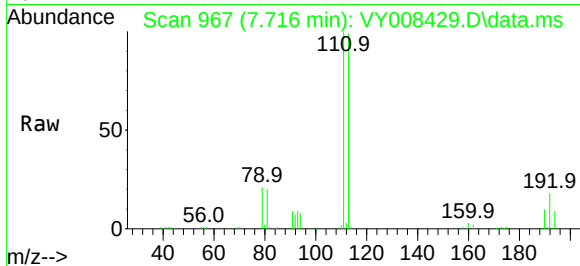




#35
Dibromofluoromethane
Concen: 50.599 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

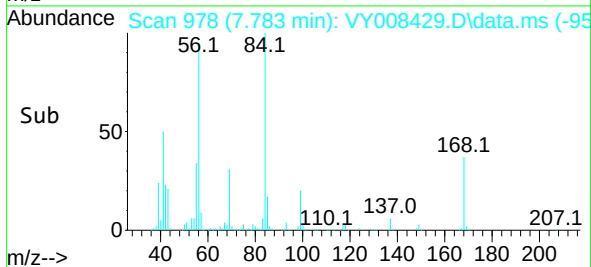
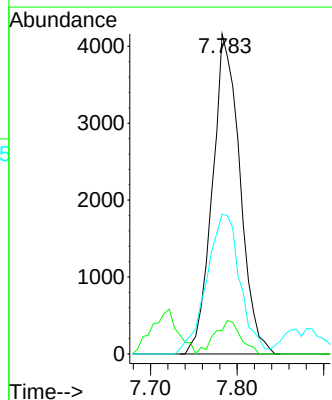
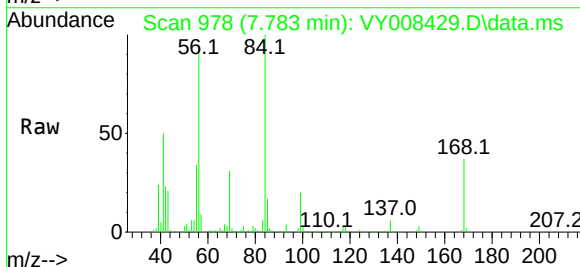
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

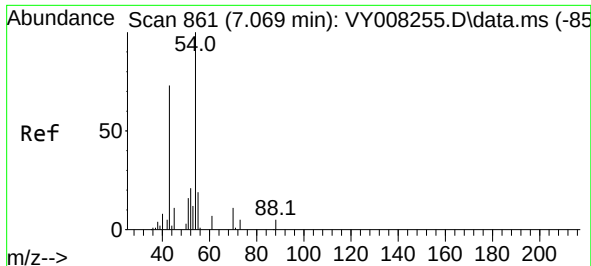
Tgt Ion:113 Resp: 56796
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.103 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 75 Resp: 9146
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 53.3 24.4 36.6#





#37

Ethyl Acetate

Concen: 25.804 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-4

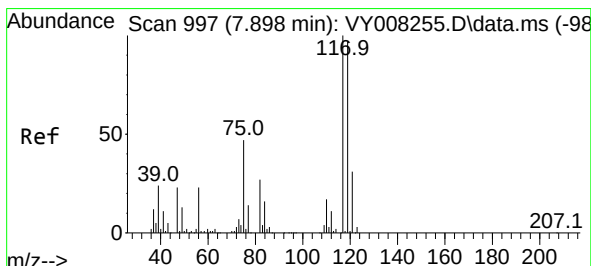
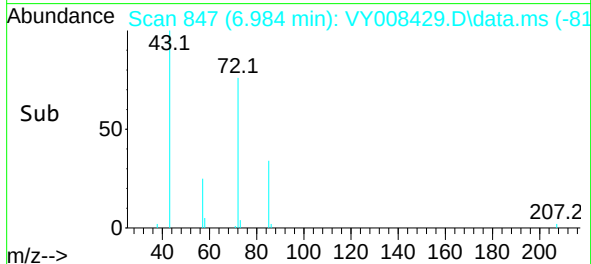
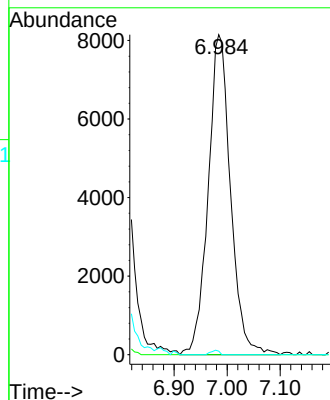
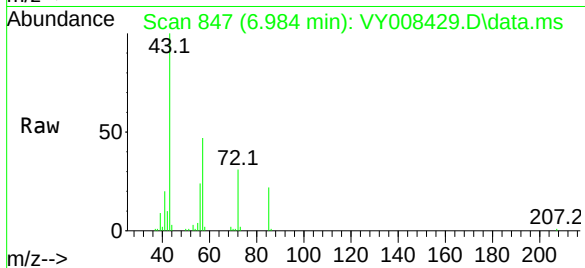
Tgt Ion: 43 Resp: 23849

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.179 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

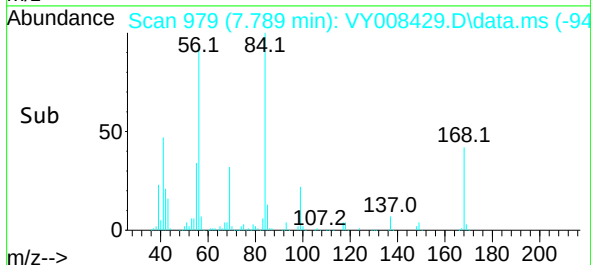
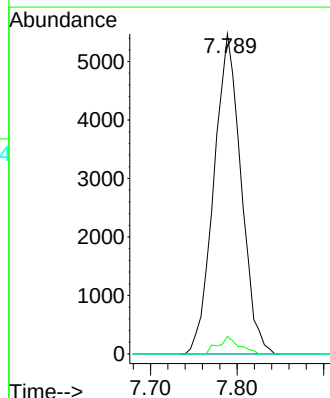
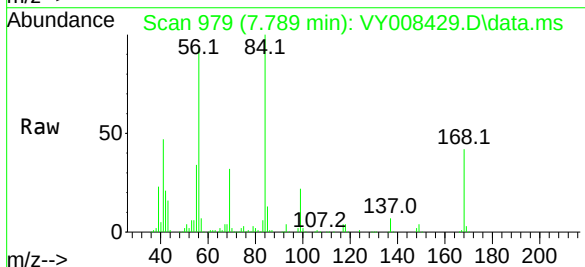
Tgt Ion: 117 Resp: 11916

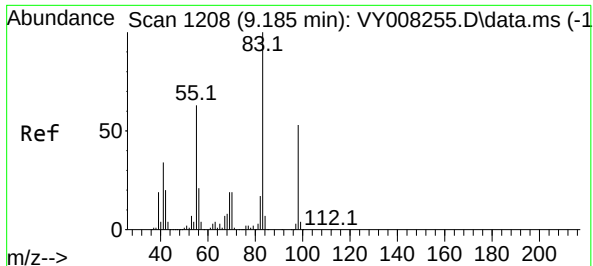
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1089.216 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-4

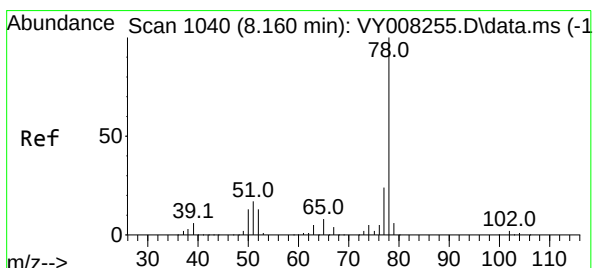
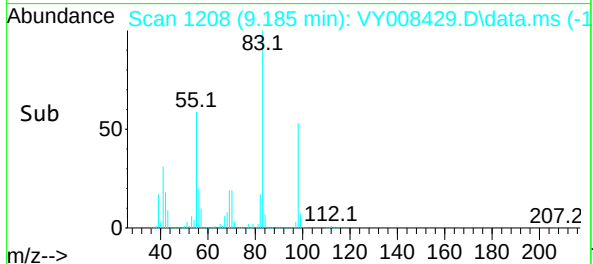
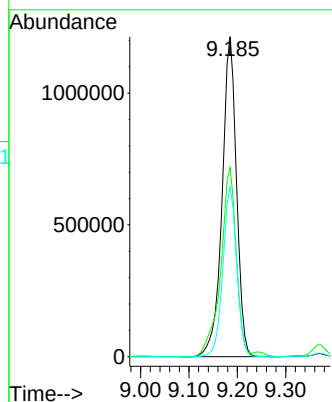
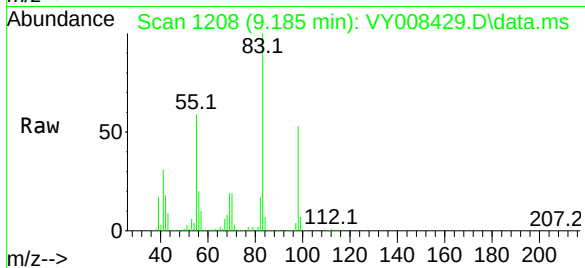
Tgt Ion: 83 Resp: 2511997

Ion Ratio Lower Upper

83 100

55 59.0 66.5 99.7#

98 52.9 37.9 56.9



#40

Benzene

Concen: 1.243 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008429.D

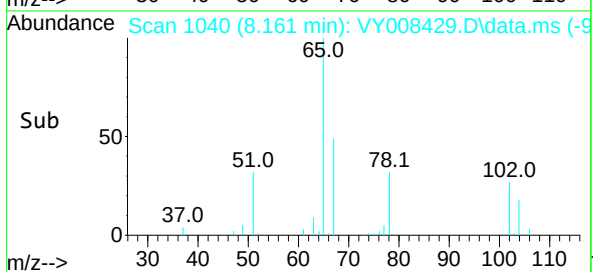
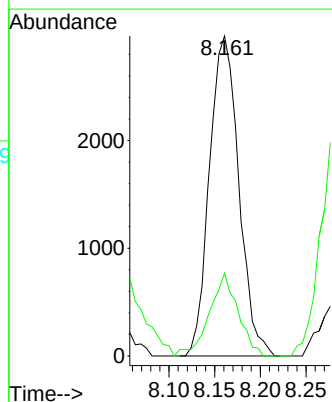
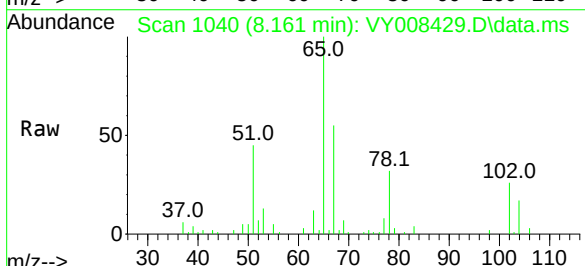
Acq: 20 Apr 2022 19:25

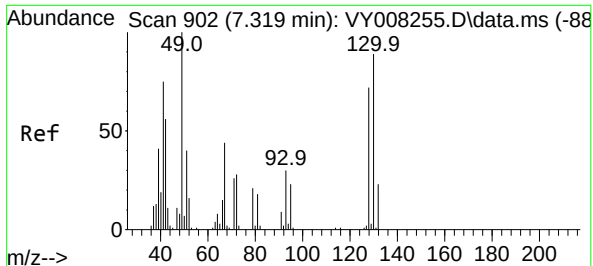
Tgt Ion: 78 Resp: 6633

Ion Ratio Lower Upper

78 100

77 25.9 20.4 30.6

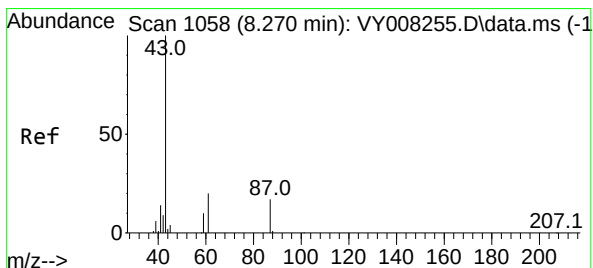
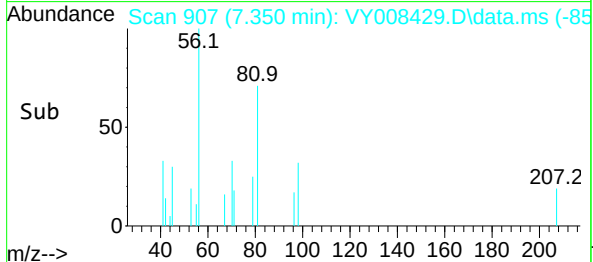
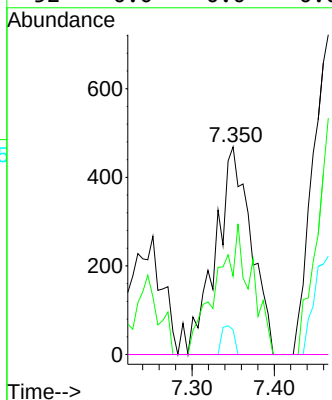
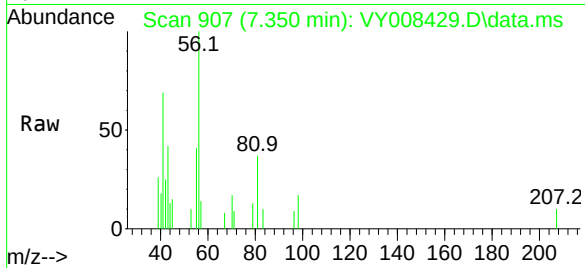




#41
Methacrylonitrile
Concen: 2.756 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

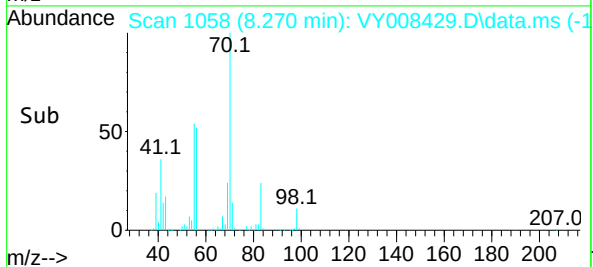
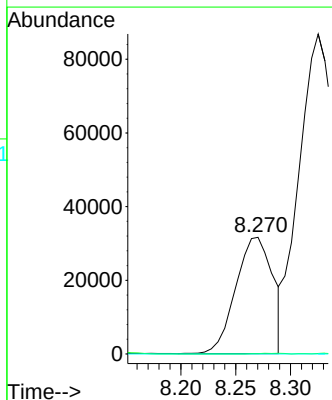
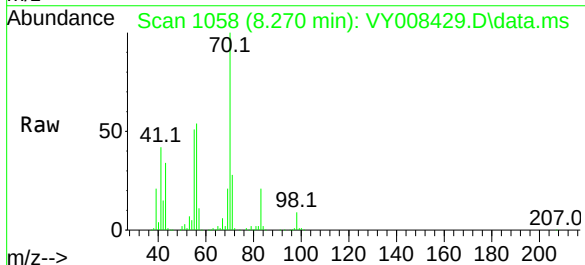
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

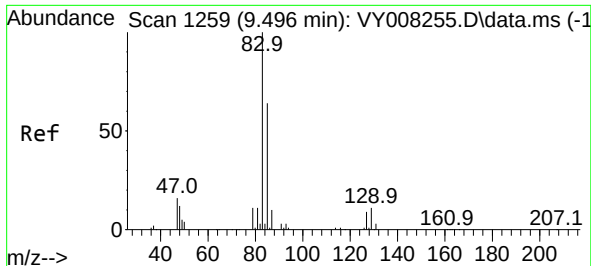
Tgt Ion: 41 Resp: 1425
Ion Ratio Lower Upper
41 100
39 60.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#43
Isopropyl Acetate
Concen: 43.349 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 43 Resp: 74356
Ion Ratio Lower Upper
43 100
61 0.4 20.2 30.2#
87 0.0 8.9 13.3#

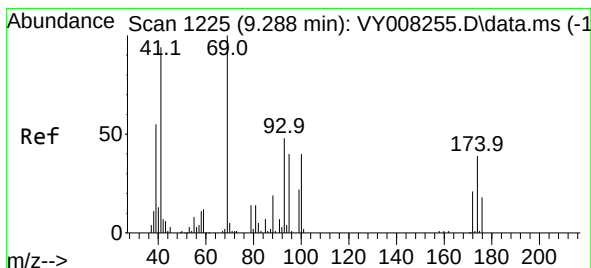
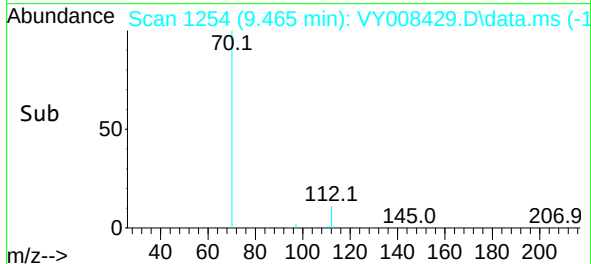
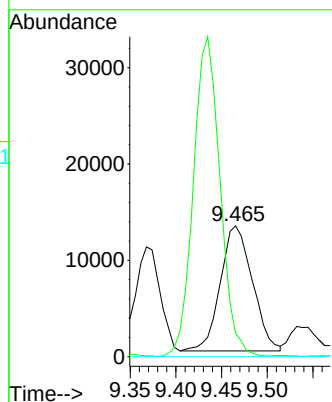
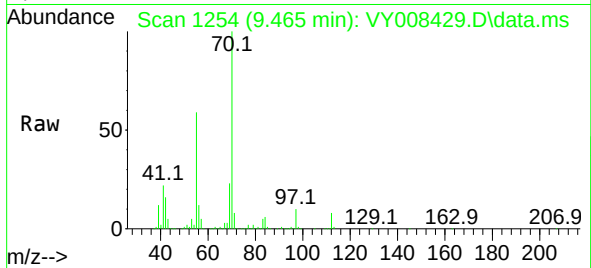




#47
Bromodichloromethane
Concen: 16.362 ug/l
RT: 9.465 min Scan# 11
Delta R.T. -0.031 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

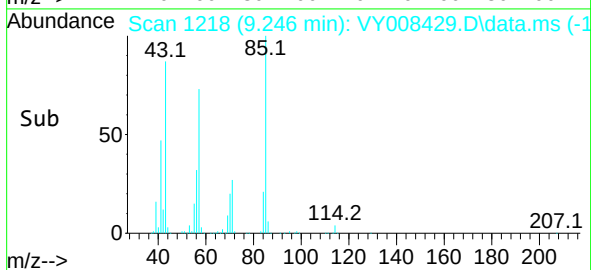
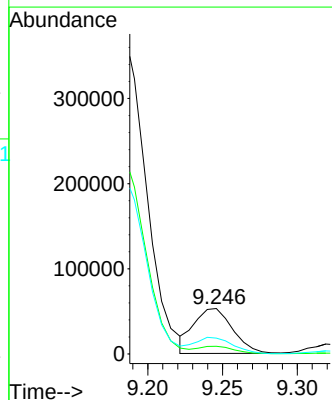
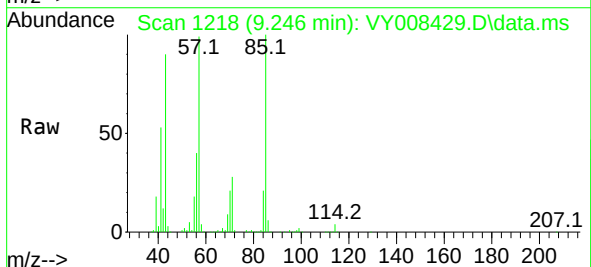
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

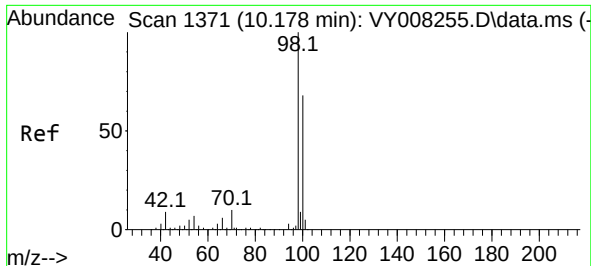
Tgt Ion: 83 Resp: 31756
Ion Ratio Lower Upper
83 100
85 17.8 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 130.913 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.042 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 41 Resp: 95458
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 36.3 47.4 71.0#

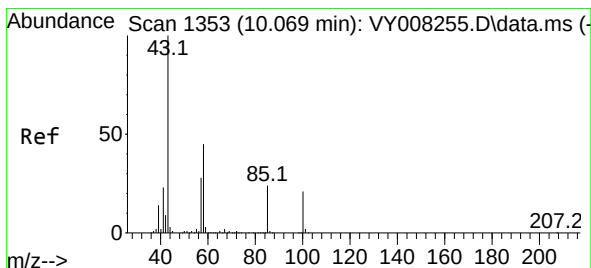
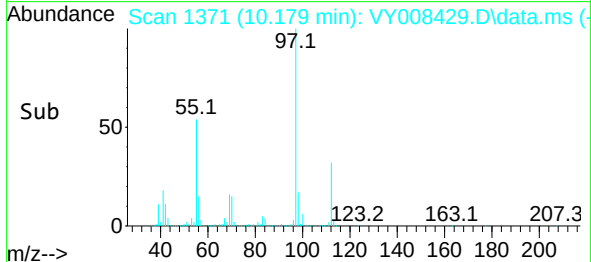
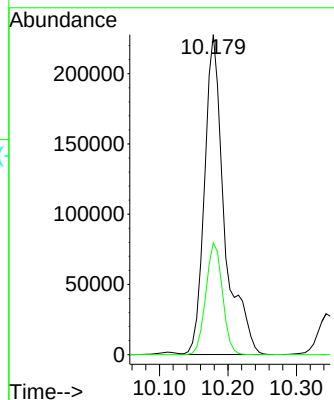
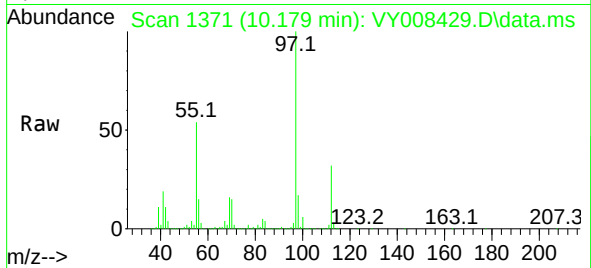




#50
Toluene-d8
Concen: 120.034 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

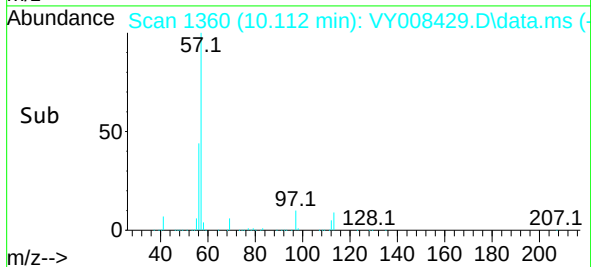
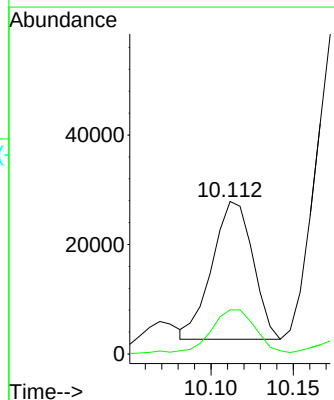
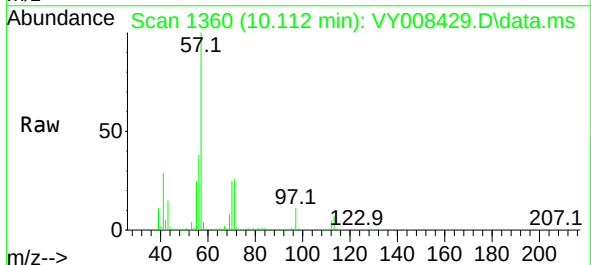
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

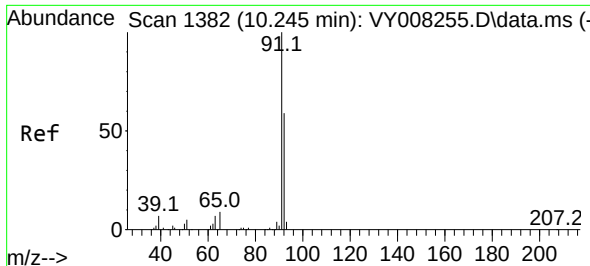
Tgt Ion: 98 Resp: 461036
Ion Ratio Lower Upper
98 100
100 29.2 50.2 75.2#



#51
4-Methyl-2-Pentanone
Concen: 48.929 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 43 Resp: 43337
Ion Ratio Lower Upper
43 100
58 36.6 28.1 42.1

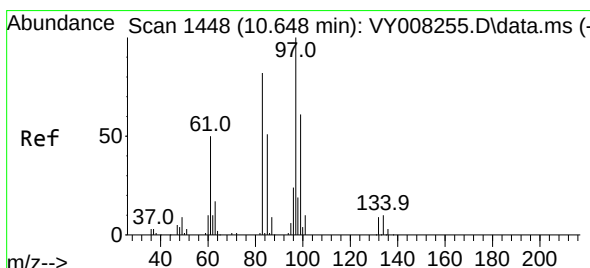
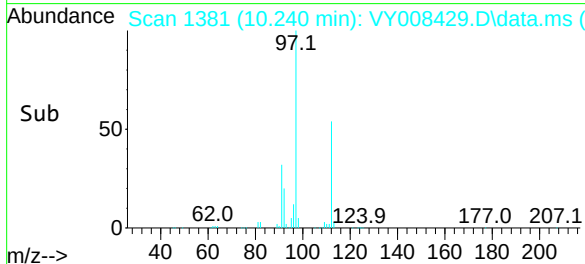
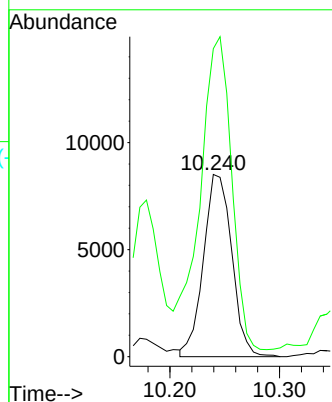
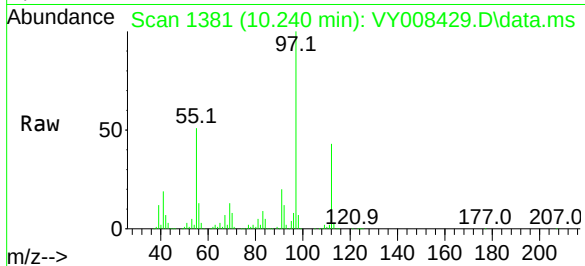




#52
Toluene
Concen: 4.343 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

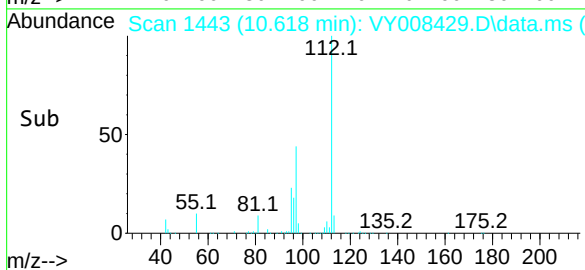
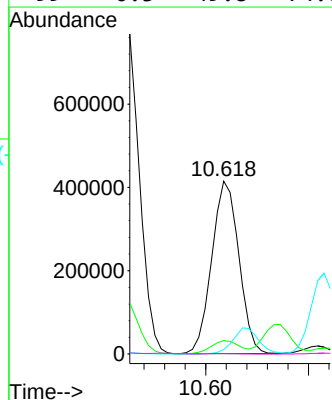
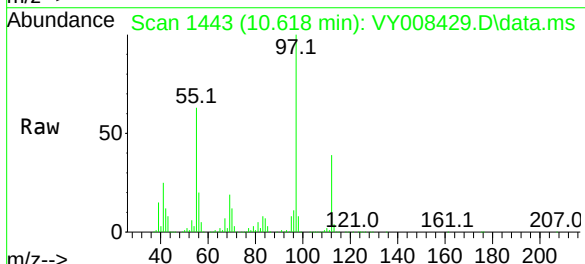
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

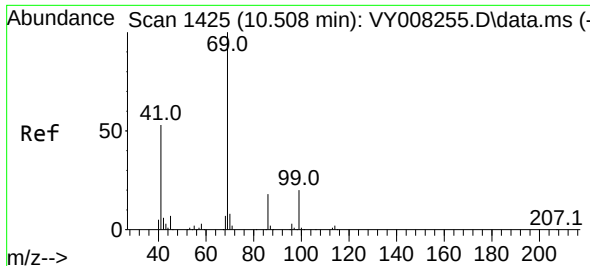
Tgt Ion: 92 Resp: 15273
Ion Ratio Lower Upper
92 100
91 190.7 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 615.292 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 97 Resp: 757452
Ion Ratio Lower Upper
97 100
83 7.7 69.8 104.8#
85 2.6 44.3 66.5#
99 0.3 49.8 74.6#

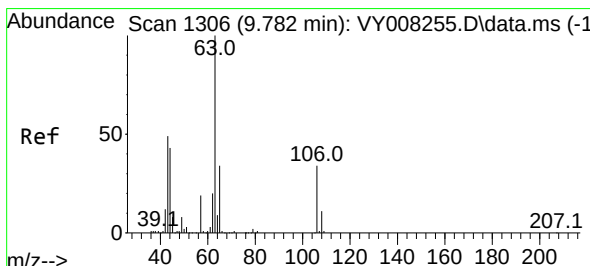
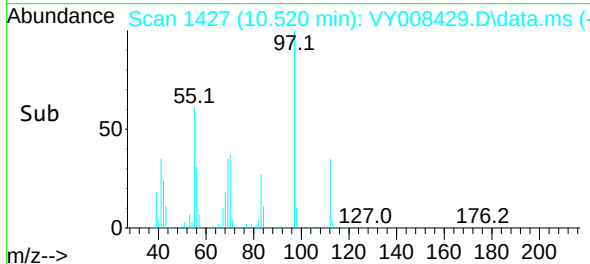
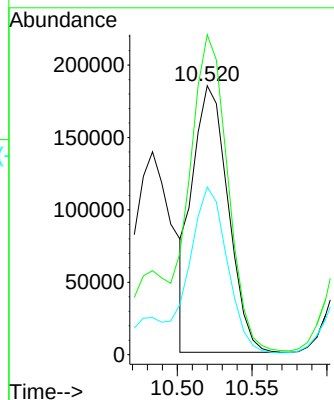
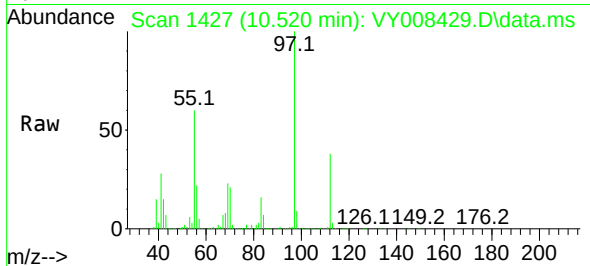




#56
Ethyl methacrylate
Concen: 201.303 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

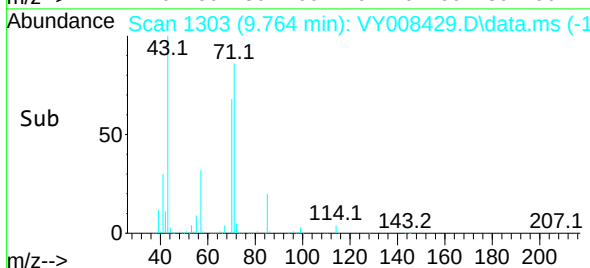
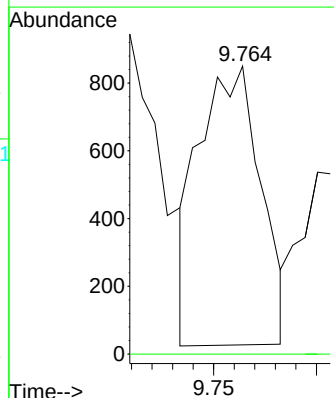
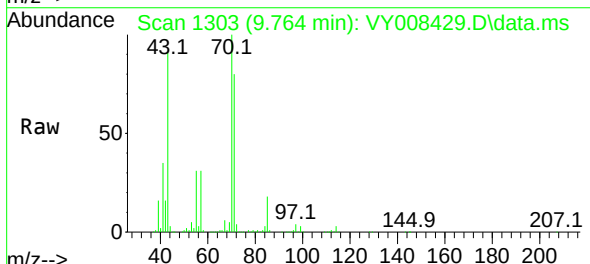
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

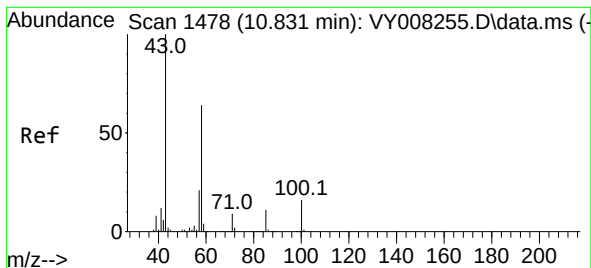
Tgt Ion: 69 Resp: 303826
Ion Ratio Lower Upper
69 100
41 125.5 63.4 95.0#
39 83.3 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 2.891 ug/l
RT: 9.764 min Scan# 1303
Delta R.T. -0.018 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 63 Resp: 1719
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

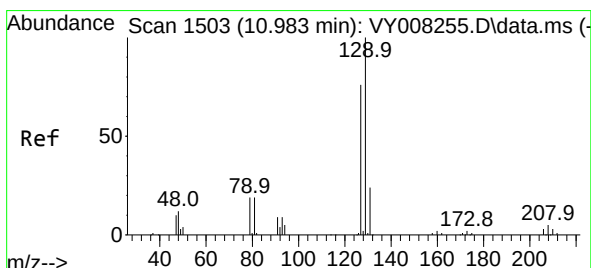
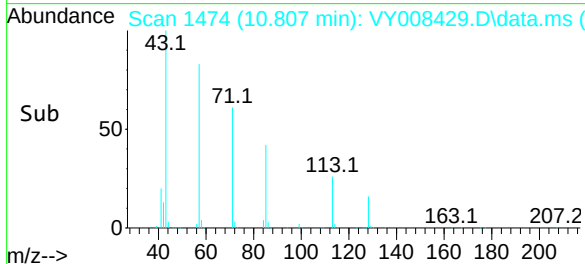
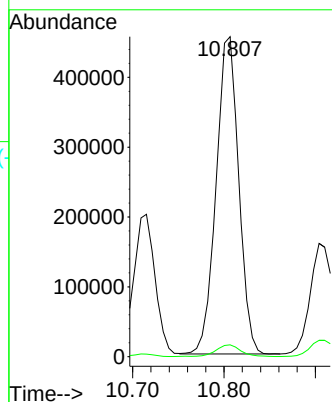
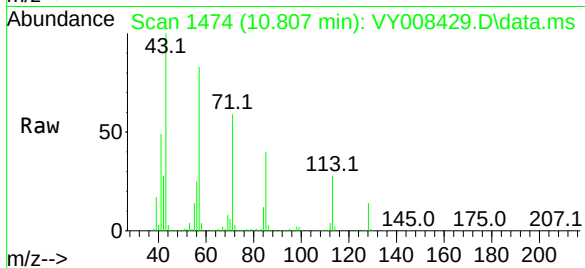




#59
2-Hexanone
Concen: 1281.685 ug/l
RT: 10.807 min Scan# 1478
Delta R.T. -0.024 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

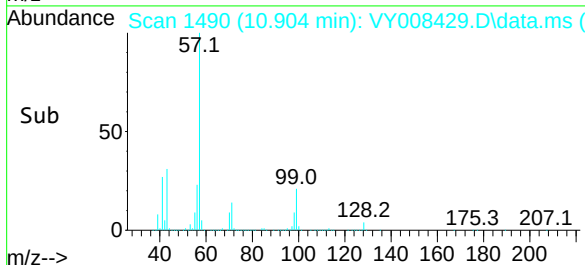
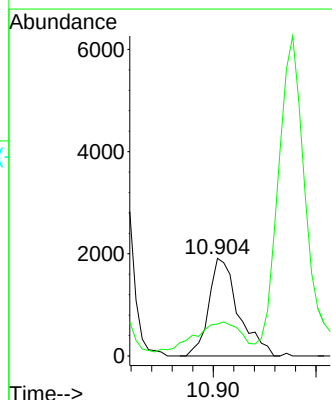
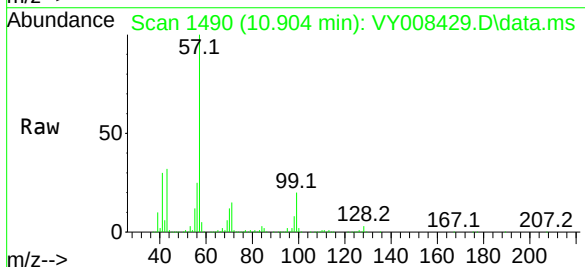
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

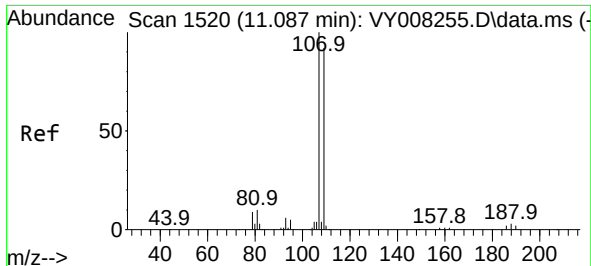
Tgt Ion: 43 Resp: 781125
Ion Ratio Lower Upper
43 100
58 4.0 24.4 73.4#



#60
Dibromochloromethane
Concen: 2.659 ug/l
RT: 10.904 min Scan# 1490
Delta R.T. -0.079 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 129 Resp: 3823
Ion Ratio Lower Upper
129 100
127 47.8 38.7 116.1

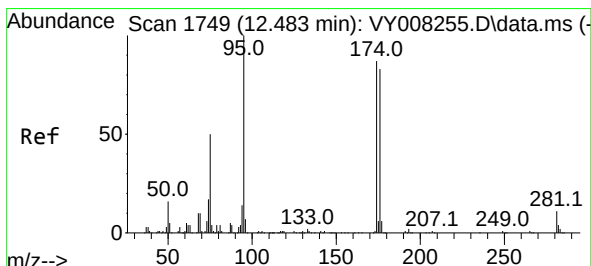
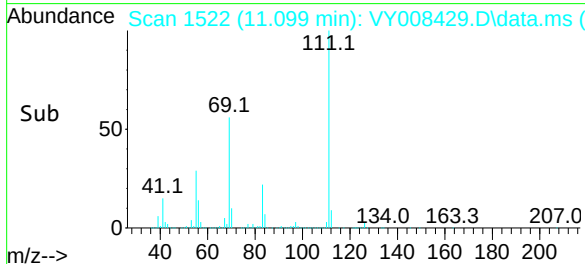
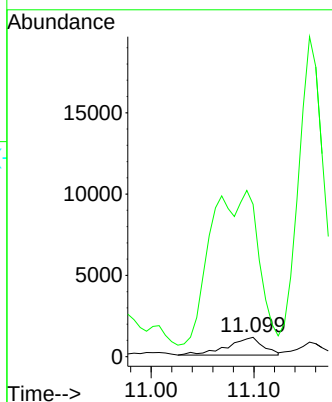
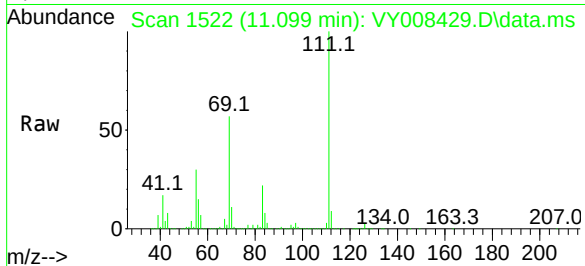




#61
1,2-Dibromoethane
Concen: 2.153 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

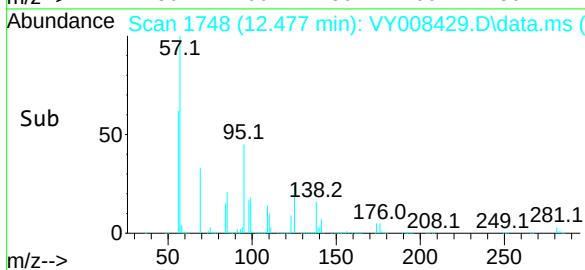
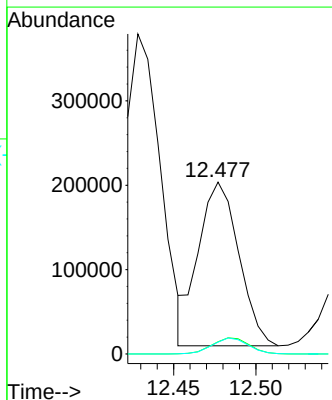
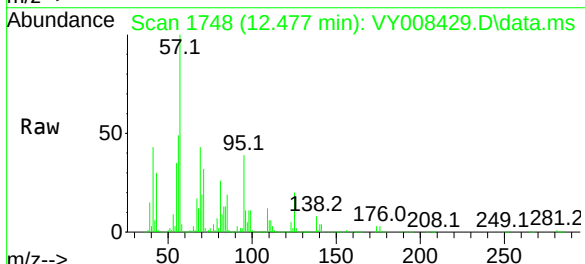
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

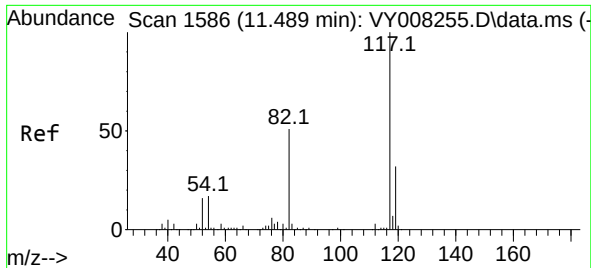
Tgt Ion:107 Resp: 2591
Ion Ratio Lower Upper
107 100
109 0.0 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 229.811 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 95 Resp: 331996
Ion Ratio Lower Upper
95 100
174 9.0 0.0 177.0
176 8.6 0.0 175.8

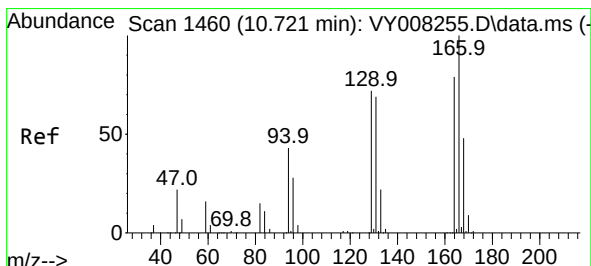
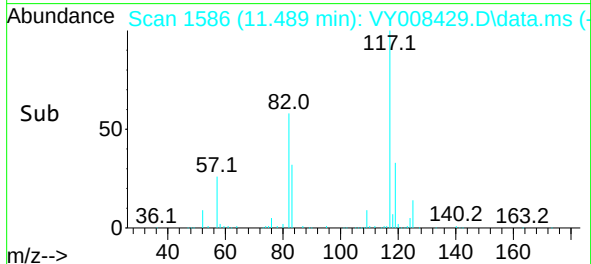
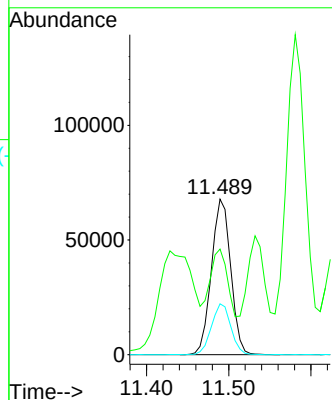
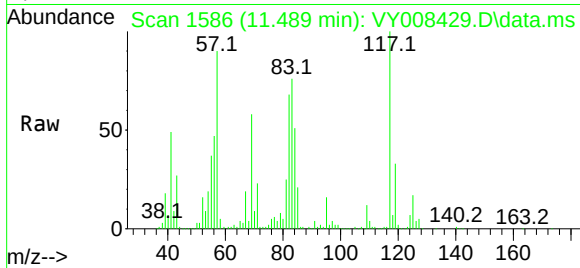




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

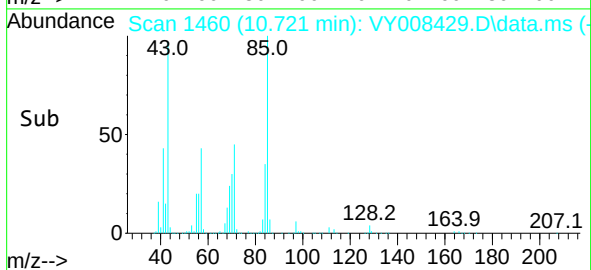
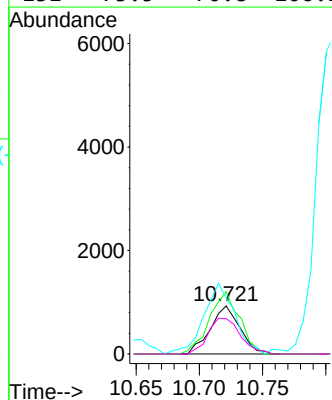
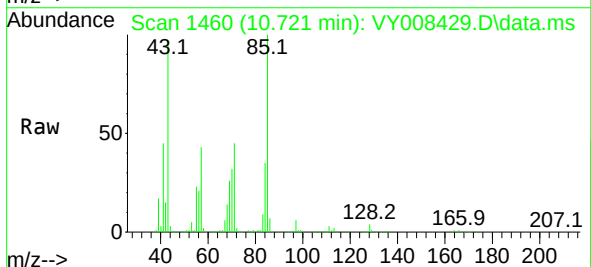
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

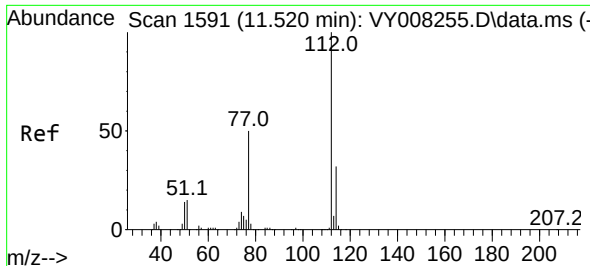
Tgt Ion:117 Resp: 110581
Ion Ratio Lower Upper
117 100
82 19.3 43.0 64.4#
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 1.939 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion:164 Resp: 1511
Ion Ratio Lower Upper
164 100
166 129.5 100.4 150.6
129 108.8 71.4 107.0#
131 73.5 70.8 106.2

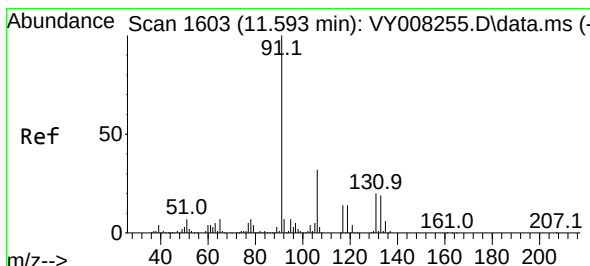
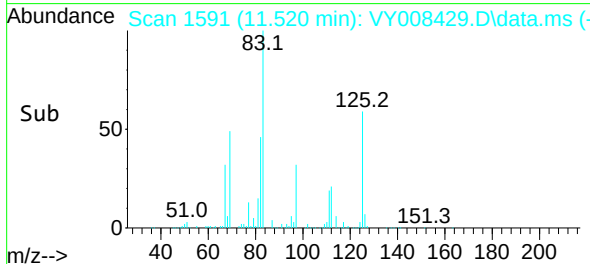
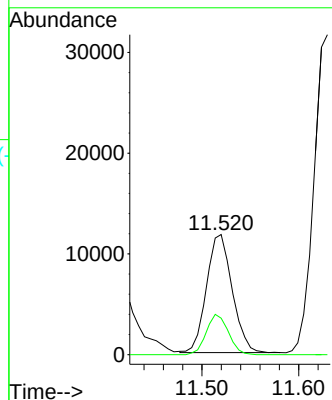
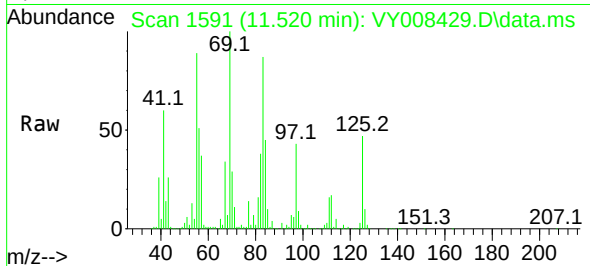




#65
Chlorobenzene
Concen: 9.010 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

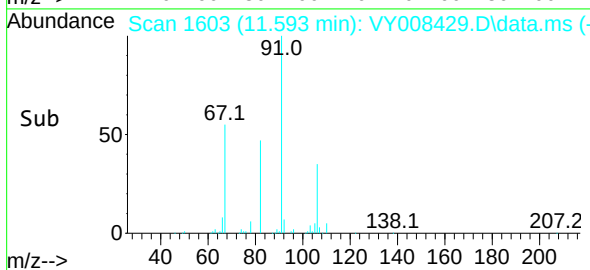
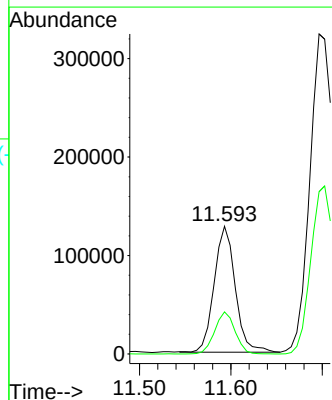
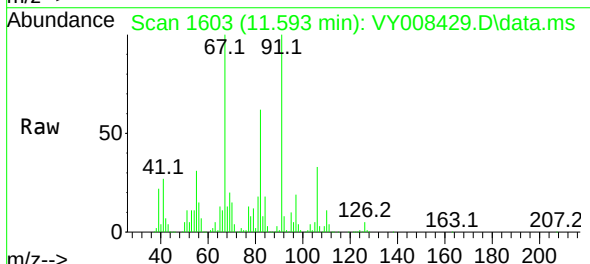
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

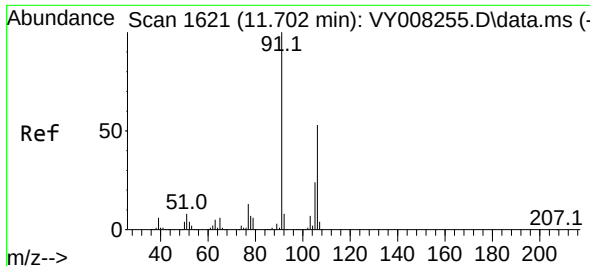
Tgt Ion:112 Resp: 21606
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6



#67
Ethyl Benzene
Concen: 50.110 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 91 Resp: 204358
Ion Ratio Lower Upper
91 100
106 33.5 24.5 36.7

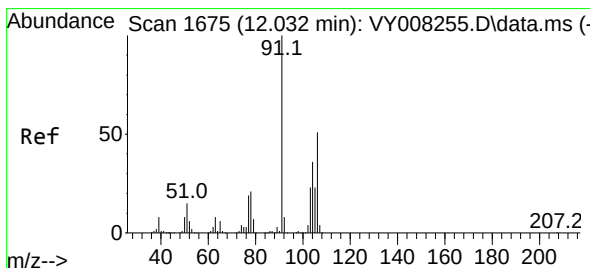
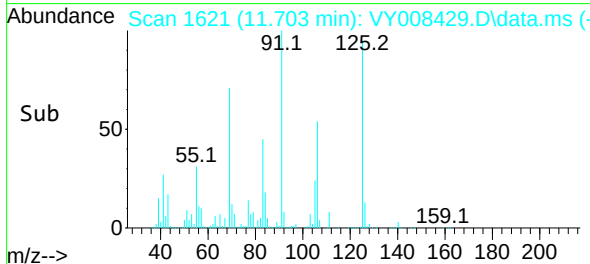
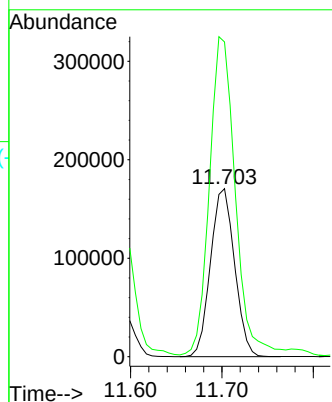
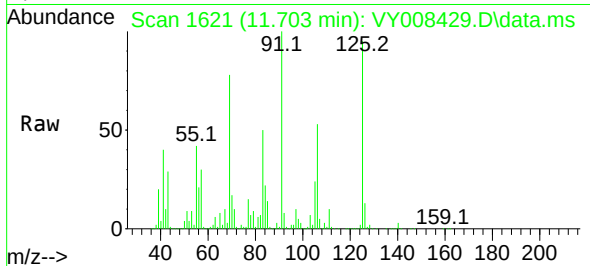




#68
m/p-Xylenes
Concen: 192.180 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

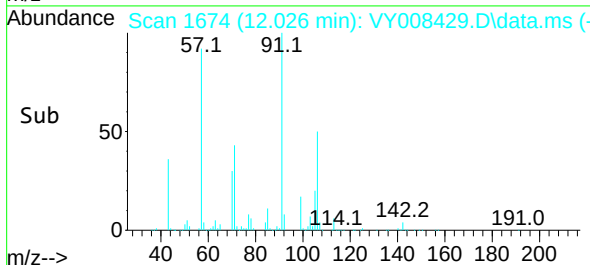
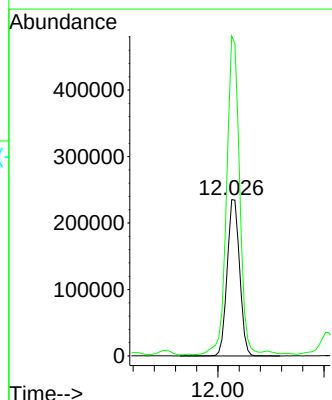
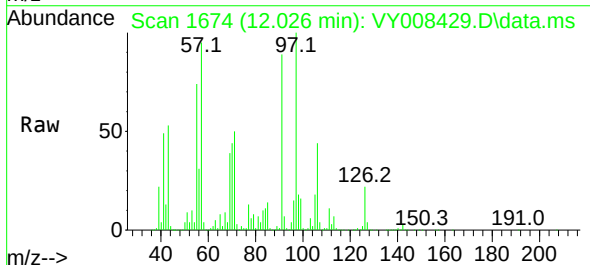
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

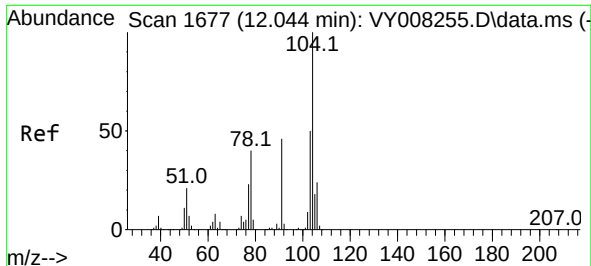
Tgt Ion:106 Resp: 311697
Ion Ratio Lower Upper
106 100
91 202.0 166.6 249.8



#69
o-Xylene
Concen: 244.003 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion:106 Resp: 384045
Ion Ratio Lower Upper
106 100
91 211.4 110.3 331.0

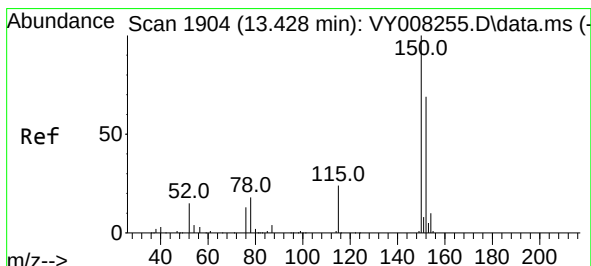
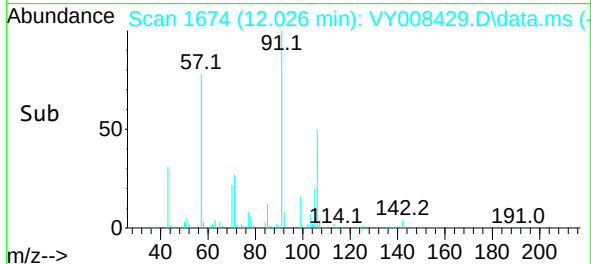
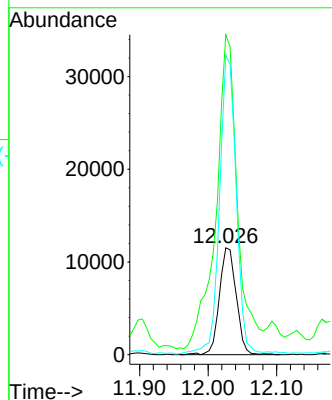
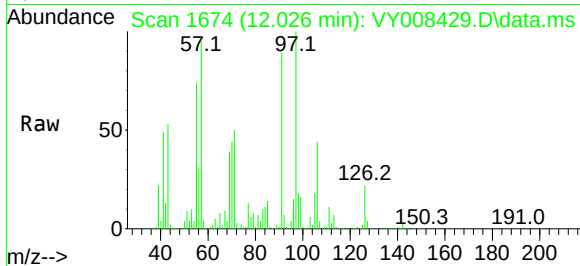




#70
Styrene
Concen: 7.577 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

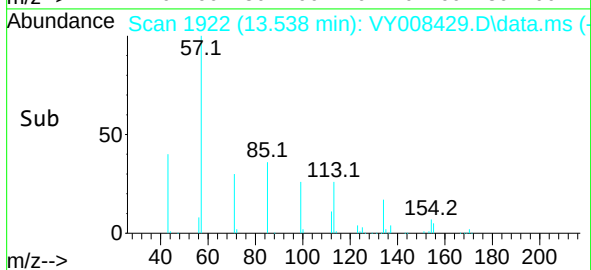
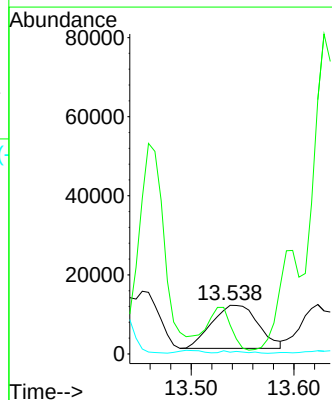
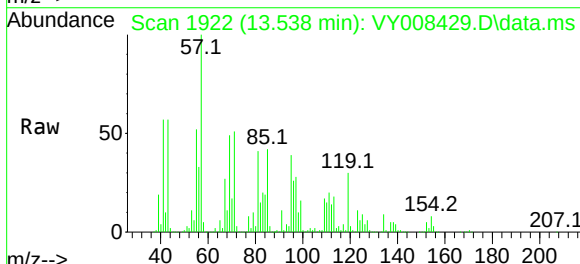
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

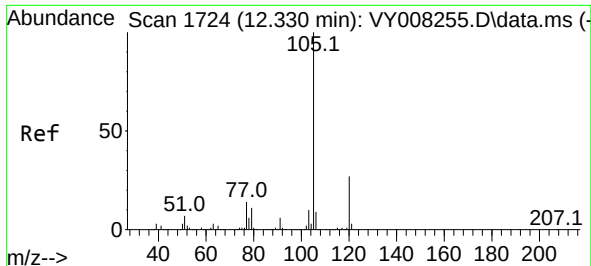
Tgt Ion:104 Resp: 19667
Ion Ratio Lower Upper
104 100
78 373.3 42.4 63.6#
103 274.9 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.538 min Scan# 1922
Delta R.T. 0.110 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion:152 Resp: 34258
Ion Ratio Lower Upper
152 100
115 52.0 28.2 84.7
150 2.7 0.0 347.6

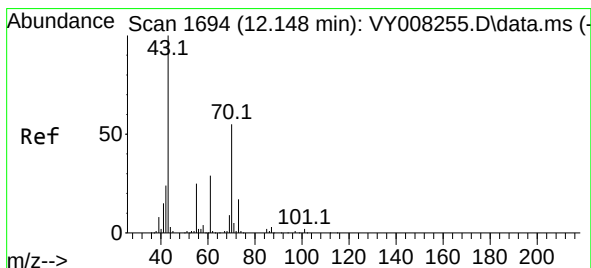
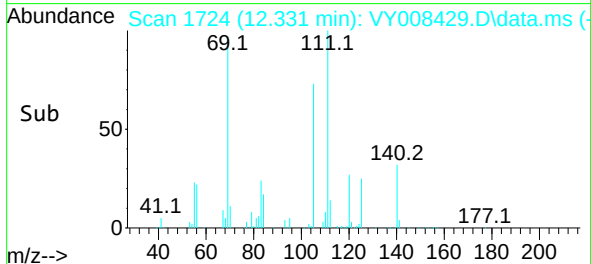
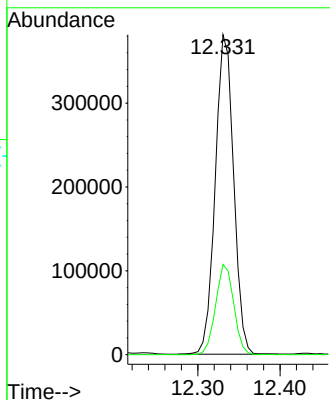
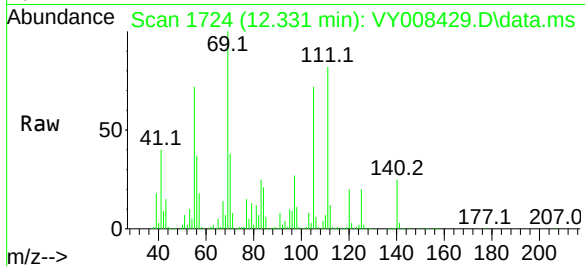




#73
Isopropylbenzene
Concen: 232.103 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

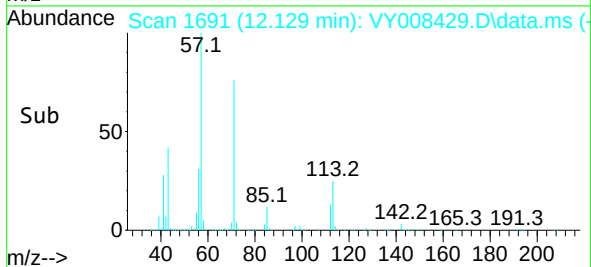
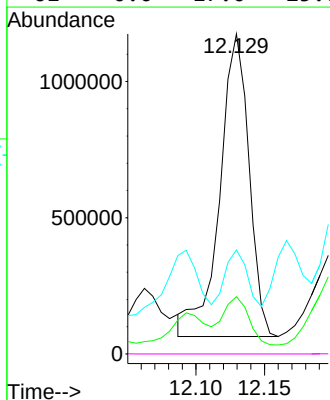
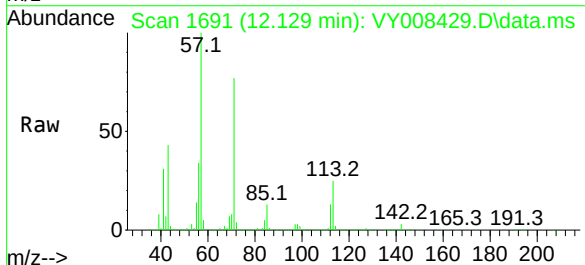
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

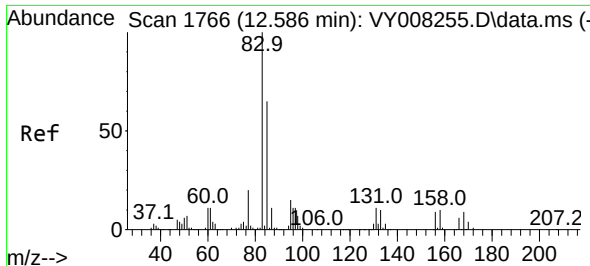
Tgt Ion:105 Resp: 591169
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2



#74
N-ethyl acetate
Concen: 2976.277 ug/l
RT: 12.129 min Scan# 1691
Delta R.T. -0.019 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 43 Resp: 1645805
Ion Ratio Lower Upper
43 100
70 13.9 28.7 43.1#
55 24.3 17.3 25.9
61 0.0 17.0 25.6#

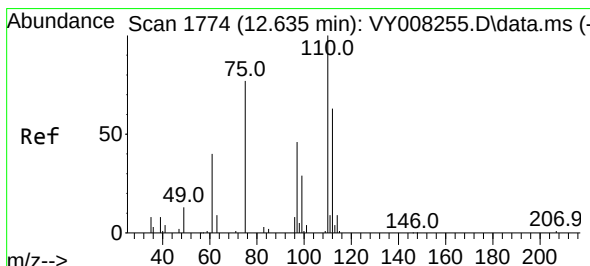
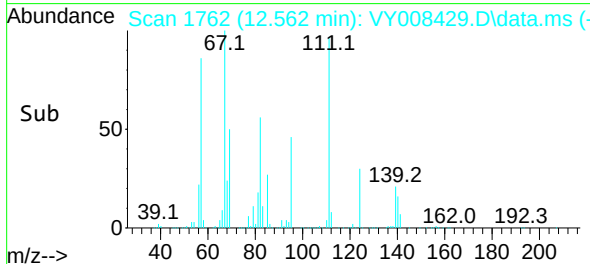
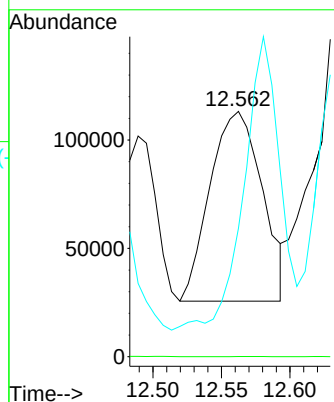
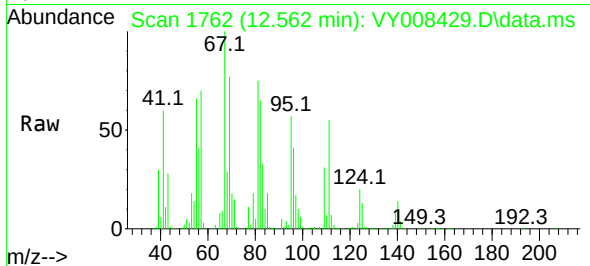




#75
1,1,2,2-Tetrachloroethane
Concen: 430.982 ug/l
RT: 12.562 min Scan# 1762
Delta R.T. -0.024 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

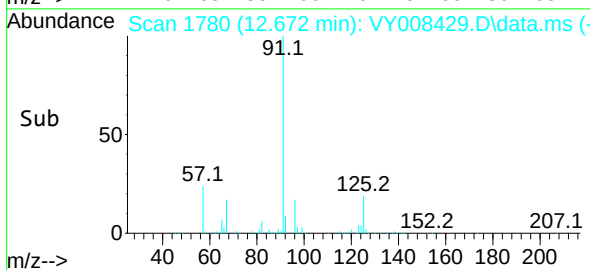
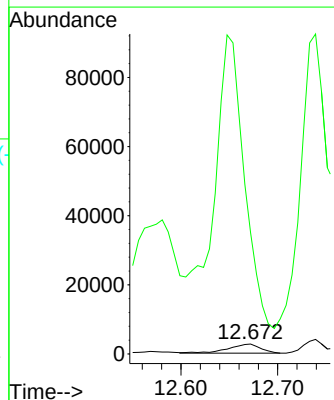
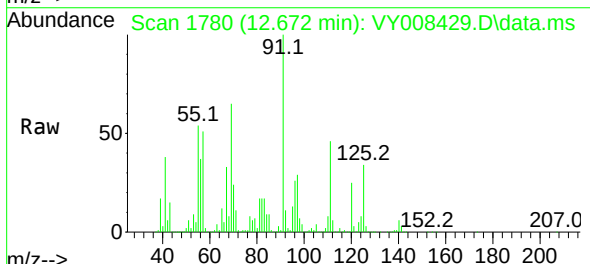
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

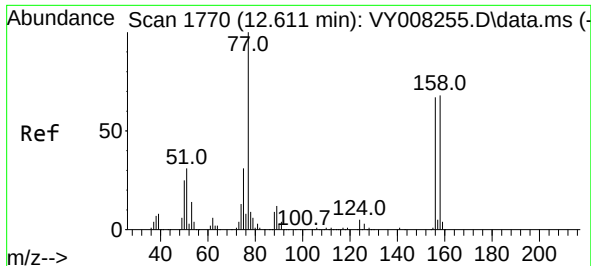
Tgt Ion: 83 Resp: 232275
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 105.9 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 15.817 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.037 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 75 Resp: 5993
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

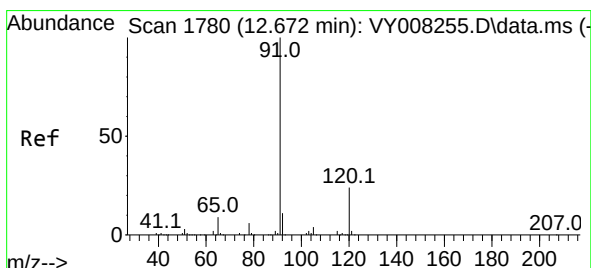
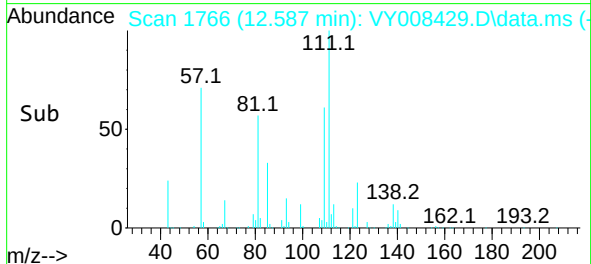
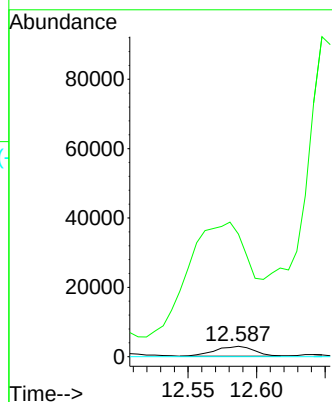
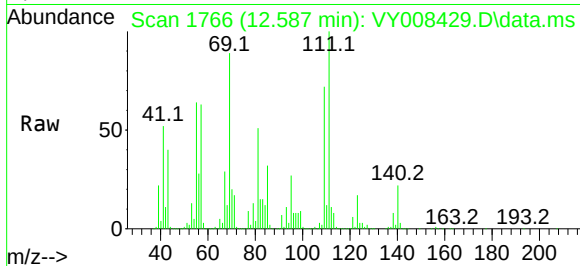




#77
Bromobenzene
Concen: 9.049 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.024 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

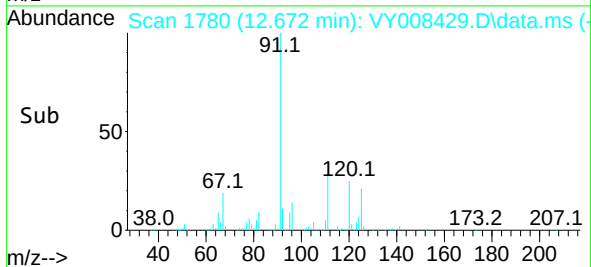
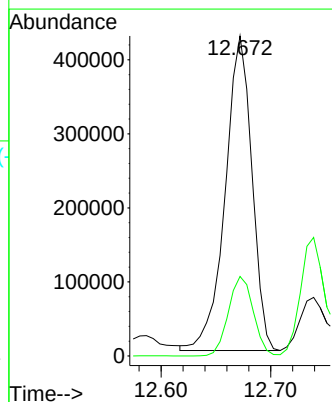
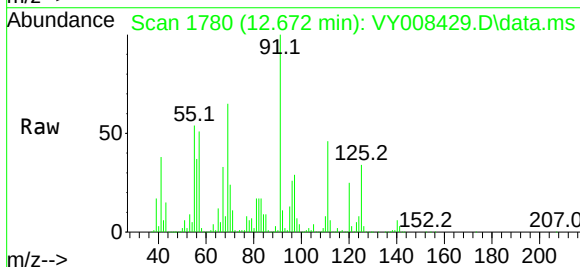
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

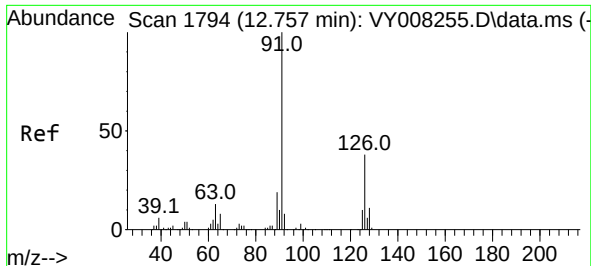
Tgt Ion:156 Resp: 5648
Ion Ratio Lower Upper
156 100
77 1855.3 95.5 286.4#
158 0.0 48.0 144.0#



#78
n-propylbenzene
Concen: 239.767 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 91 Resp: 720618
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9

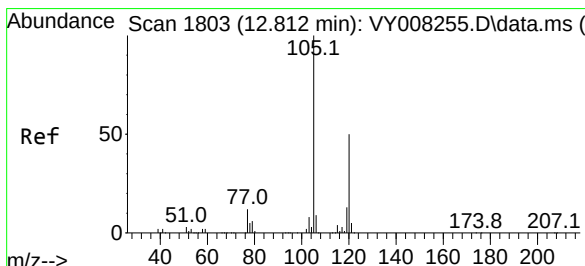
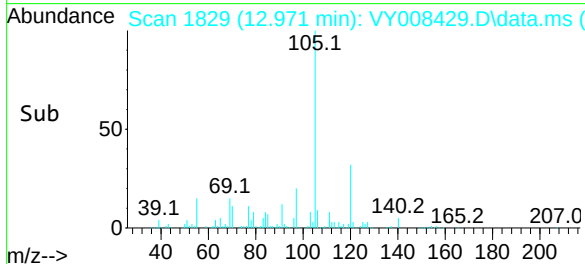
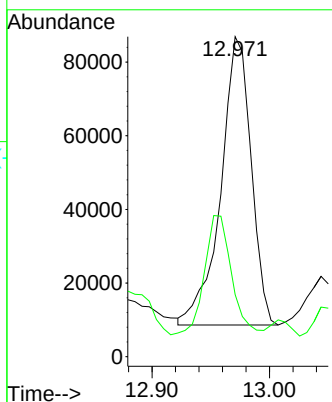
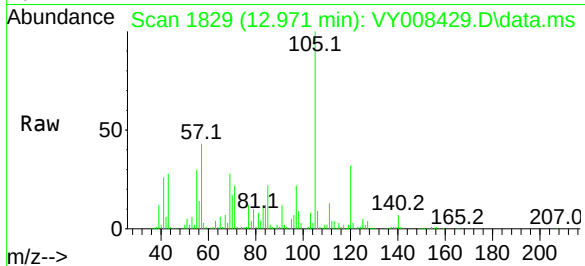




#79
2-Chlorotoluene
Concen: 83.500 ug/l
RT: 12.971 min Scan# 11
Delta R.T. 0.214 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

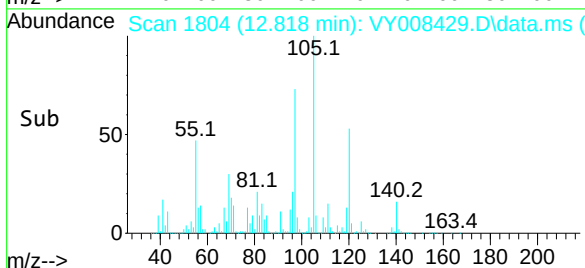
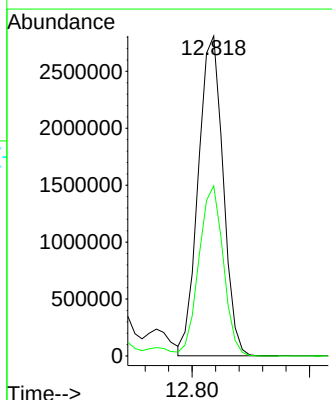
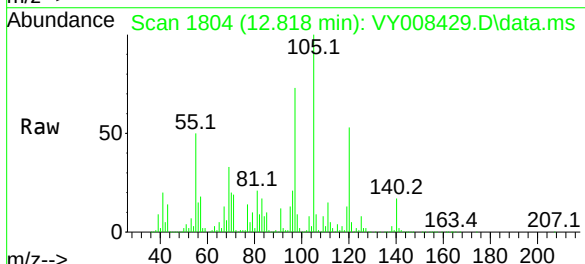
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

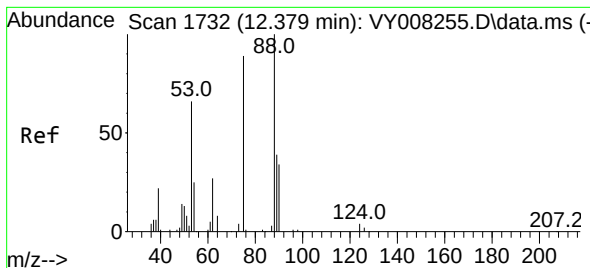
Tgt Ion: 91 Resp: 140840
Ion Ratio Lower Upper
91 100
126 38.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 1970.225 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 105 Resp: 4114879
Ion Ratio Lower Upper
105 100
120 52.3 24.4 73.4

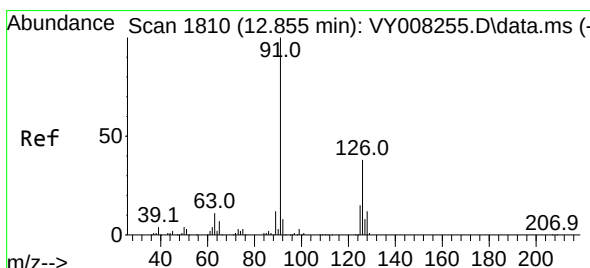
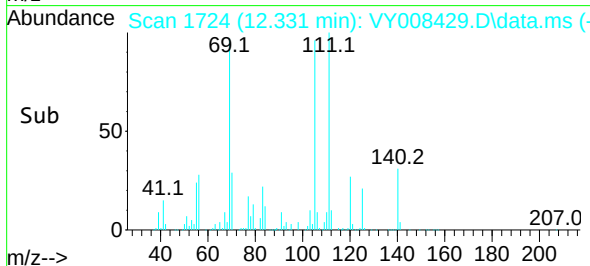
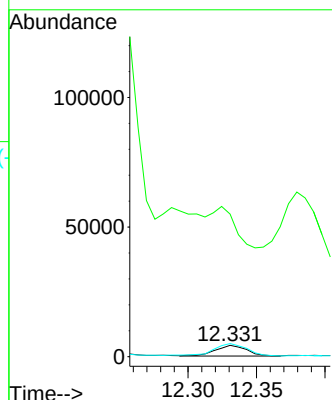
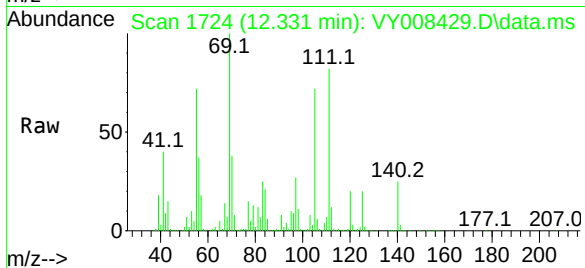




#81
trans-1,4-Dichloro-2-butene
Concen: 38.881 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.048 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

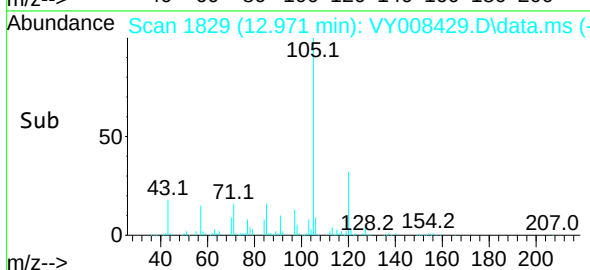
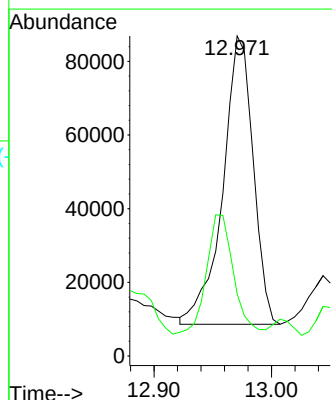
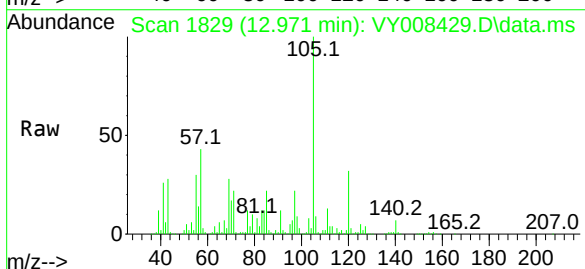
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

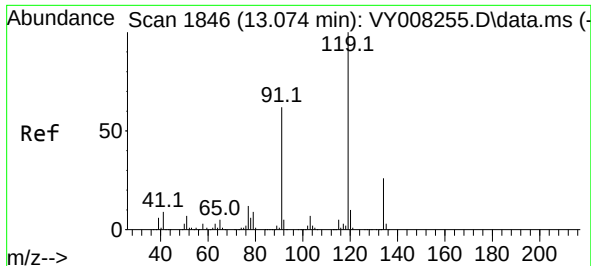
Tgt Ion: 75 Resp: 6584
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 125.1 37.0 55.4#



#82
4-Chlorotoluene
Concen: 81.253 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. 0.116 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 91 Resp: 140840
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0

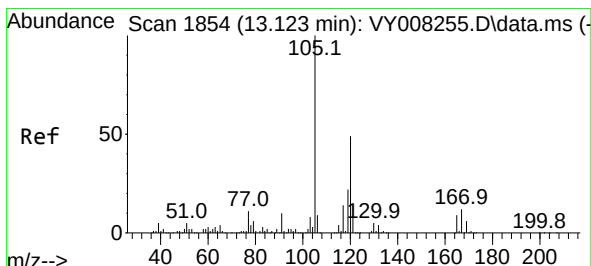
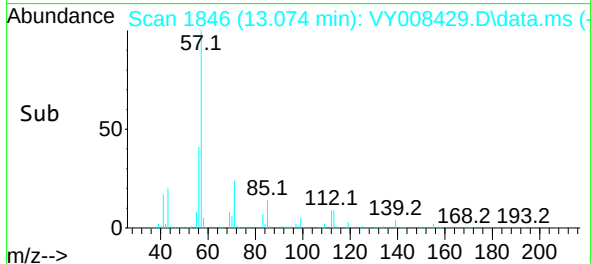
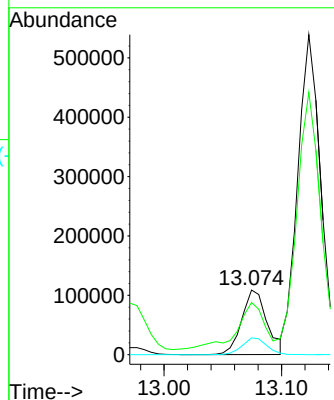
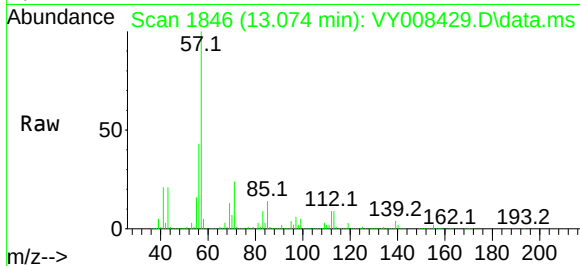




#83
tert-Butylbenzene
Concen: 87.125 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

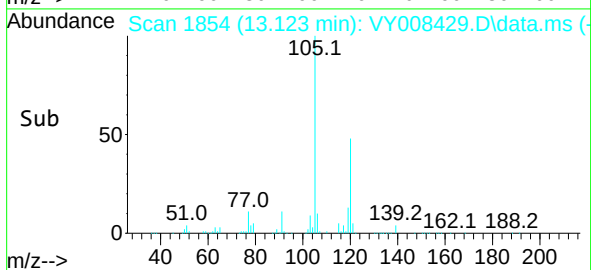
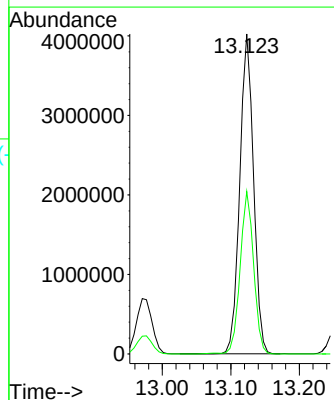
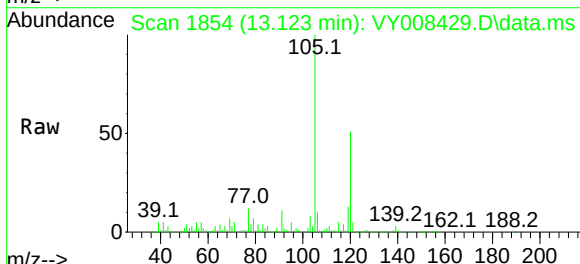
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

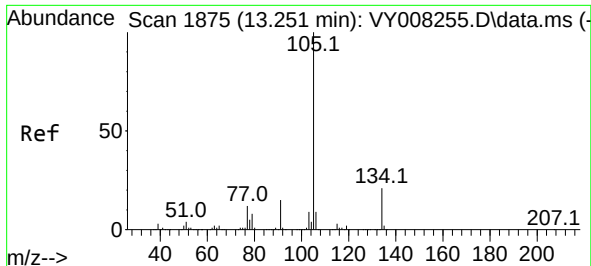
Tgt Ion:119 Resp: 163242
Ion Ratio Lower Upper
119 100
91 78.9 34.8 104.4
134 25.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 2719.926 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion:105 Resp: 5621768
Ion Ratio Lower Upper
105 100
120 49.9 22.3 66.9

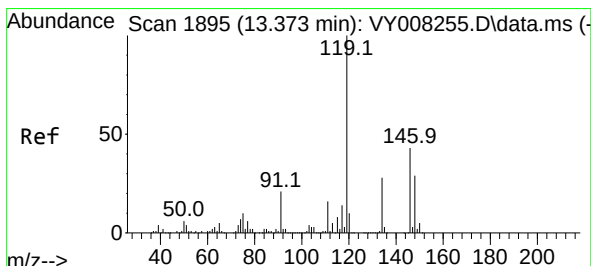
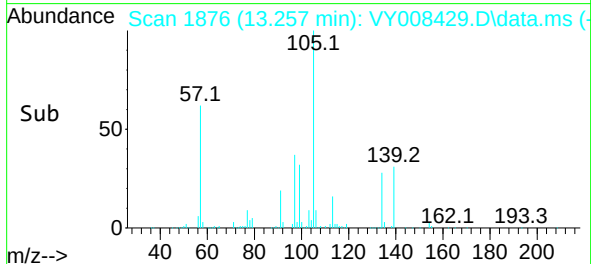
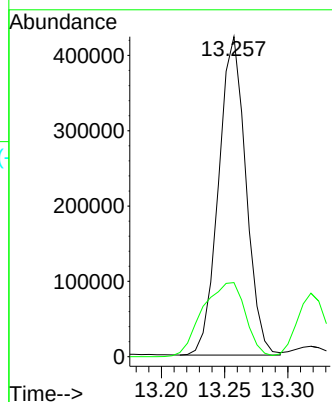
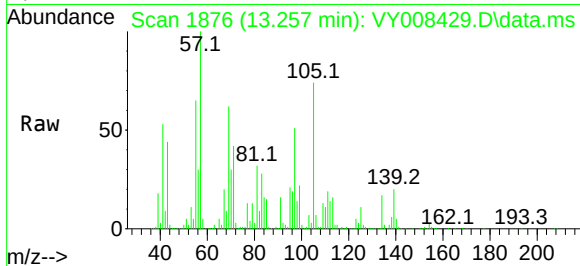




#85
 sec-Butylbenzene
 Concen: 229.100 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008429.D
 Acq: 20 Apr 2022 19:25

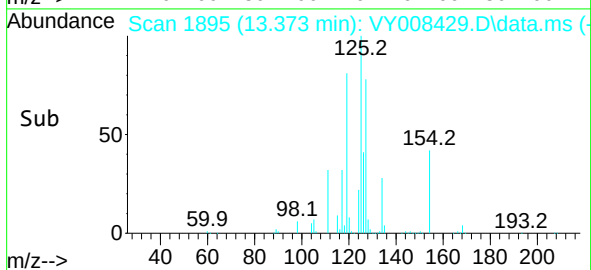
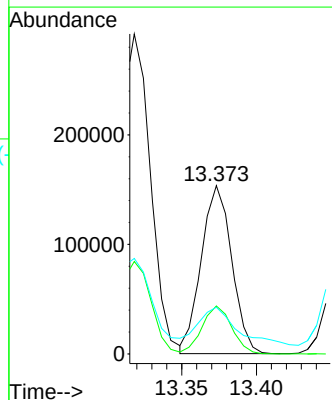
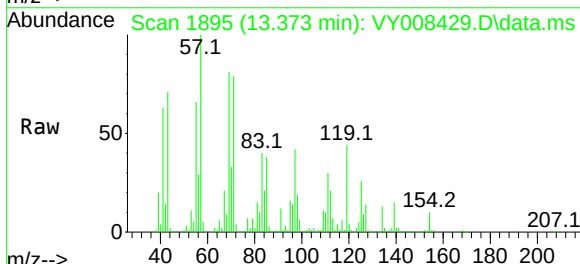
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-4

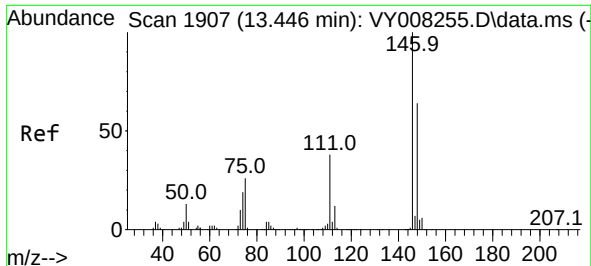
Tgt Ion:105 Resp: 636381
 Ion Ratio Lower Upper
 105 100
 134 36.4 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 93.858 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY008429.D
 Acq: 20 Apr 2022 19:25

Tgt Ion:119 Resp: 217561
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.2 39.5
 91 28.2 12.4 37.2

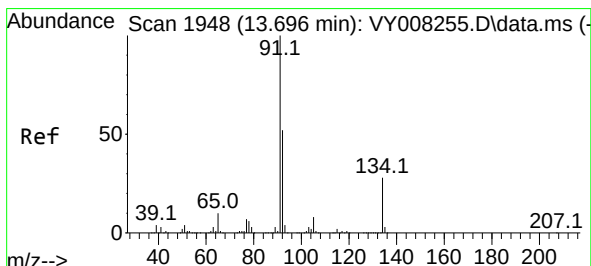
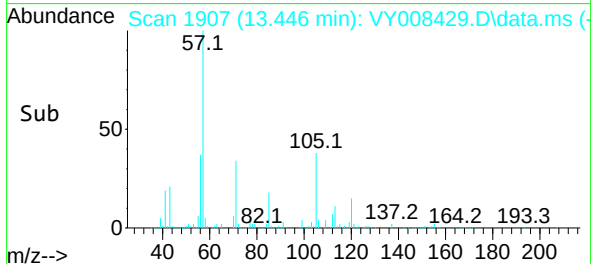
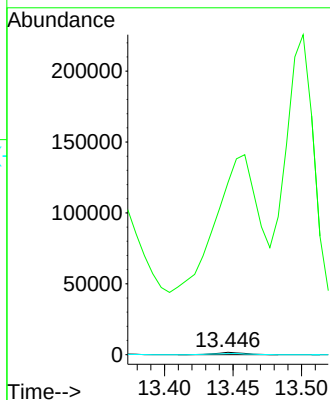
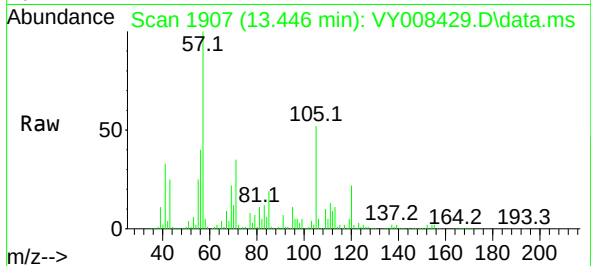




#88
1,4-Dichlorobenzene
Concen: 1.882 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

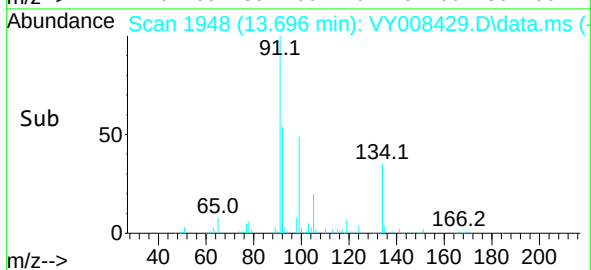
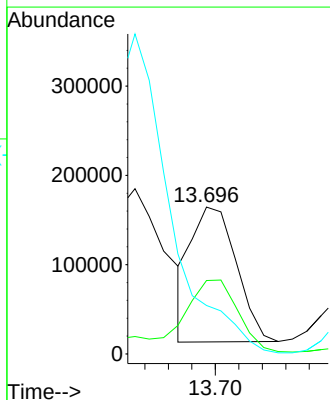
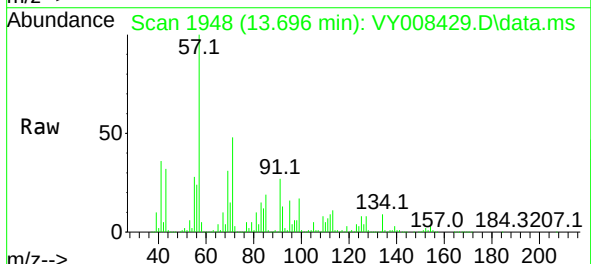
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

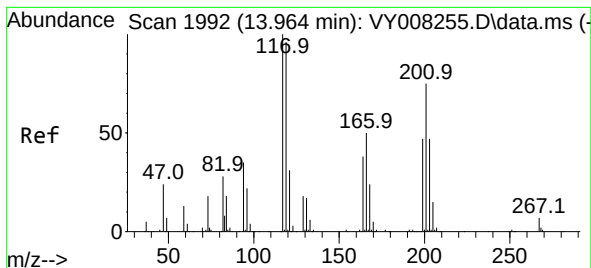
Tgt Ion:146 Resp: 2302
Ion Ratio Lower Upper
146 100
111 9071.5 19.3 57.8#
148 65.2 32.6 97.8



#89
n-Butylbenzene
Concen: 96.117 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion: 91 Resp: 201297
Ion Ratio Lower Upper
91 100
92 74.3 26.3 78.9
134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 209.638 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.013 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

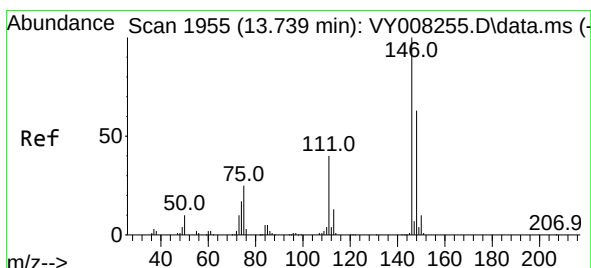
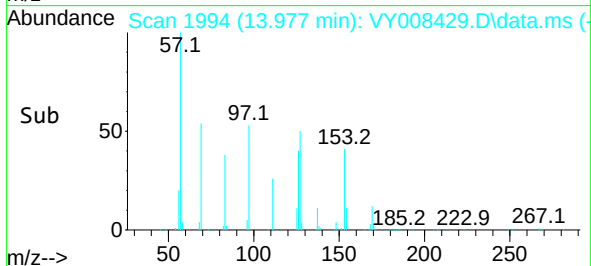
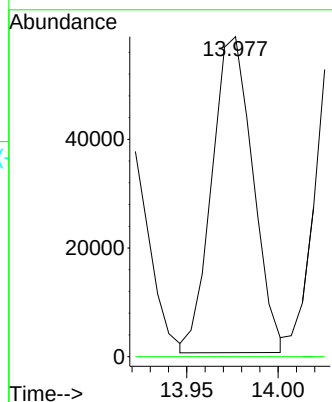
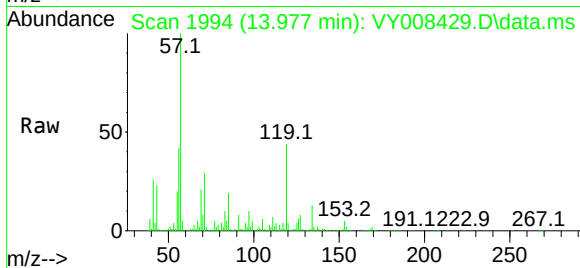
WC-15-1-4

Tgt Ion:117 Resp: 90824

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#91

1,2-Dichlorobenzene

Concen: 26.223 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

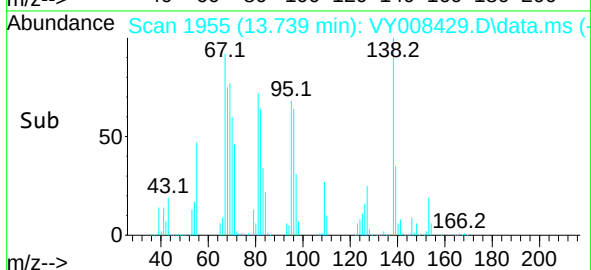
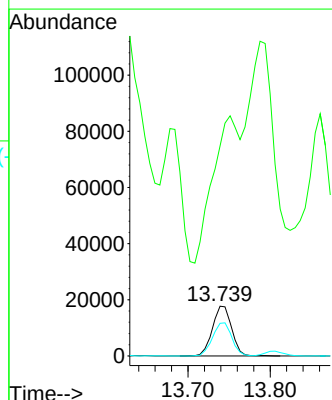
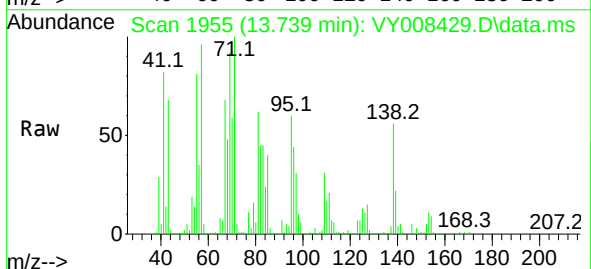
Tgt Ion:146 Resp: 28838

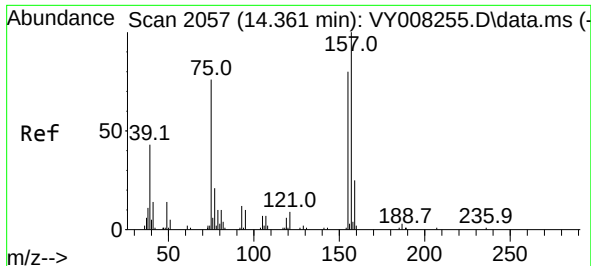
Ion Ratio Lower Upper

146 100

111 411.2 20.3 60.9#

148 67.0 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 18.156 ug/l

RT: 14.379 min Scan# 2057

Delta R.T. 0.018 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-4

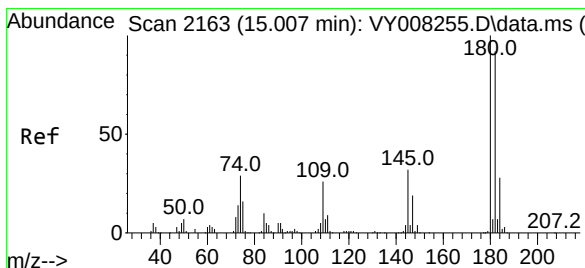
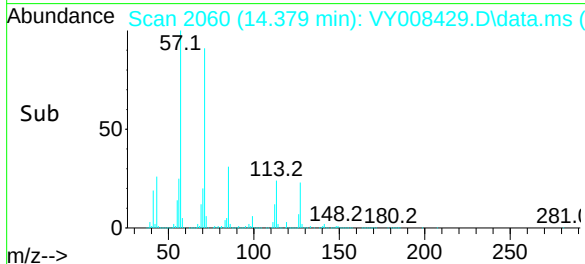
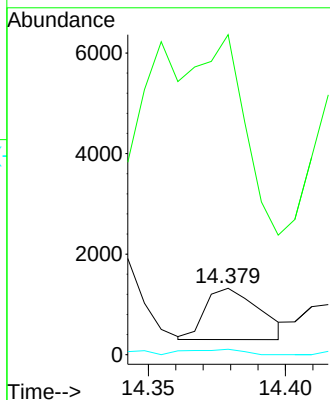
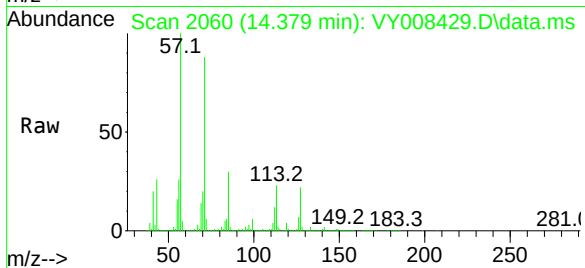
Tgt Ion: 75 Resp: 1400

Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

157 10.6 47.8 143.3#



#93

1,2,4-Trichlorobenzene

Concen: 4.512 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY008429.D

Acq: 20 Apr 2022 19:25

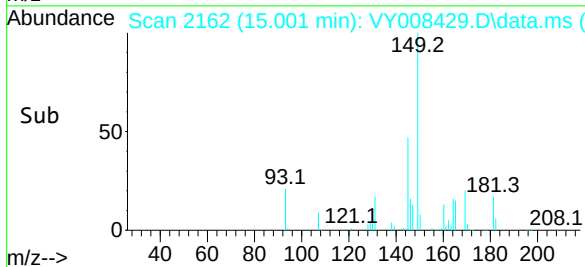
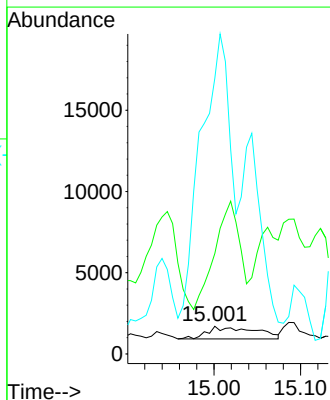
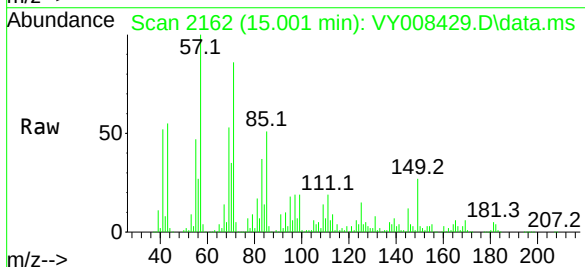
Tgt Ion:180 Resp: 2935

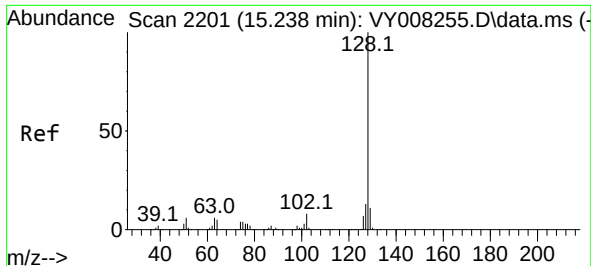
Ion Ratio Lower Upper

180 100

182 454.2 47.3 141.9#

145 1673.8 14.6 43.8#

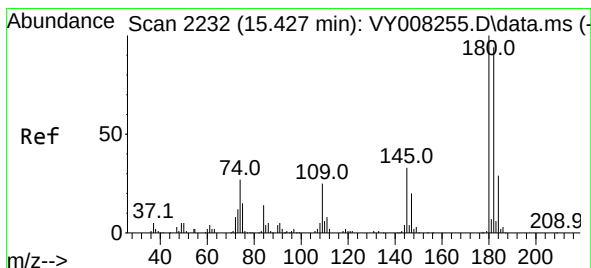
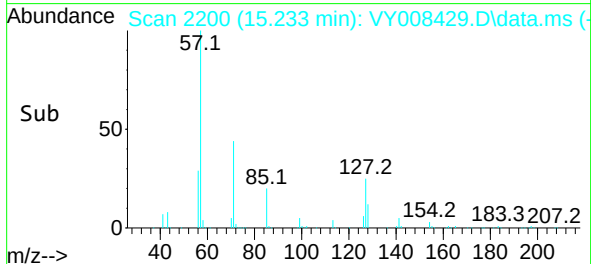
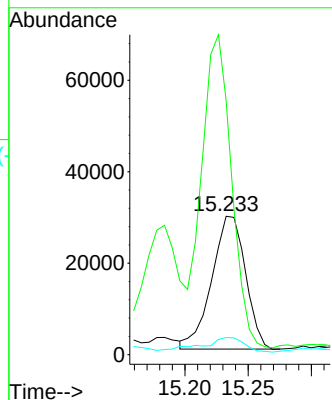
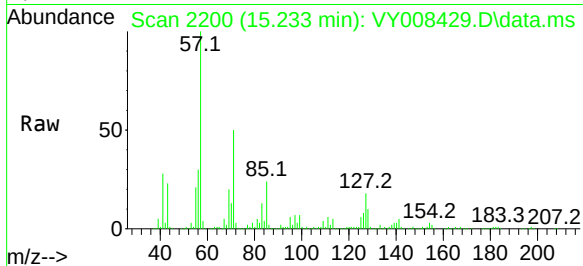




#95
Naphthalene
Concen: 38.697 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.005 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4

Tgt Ion:128 Resp: 53917
Ion Ratio Lower Upper
128 100
127 205.1 11.0 16.4#
129 14.1 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 4.445 ug/l
RT: 15.446 min Scan# 2235
Delta R.T. 0.019 min
Lab File: VY008429.D
Acq: 20 Apr 2022 19:25

Tgt Ion:180 Resp: 2530
Ion Ratio Lower Upper
180 100
182 31.8 47.3 141.9#
145 0.0 15.3 45.9#

