

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008427.D
 Acq On : 20 Apr 2022 18:38
 Operator : KP/MD
 Sample : N2452-01
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-2

Quant Time: Apr 21 02:41:19 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	88087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	144721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	107488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34930	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41072	49.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.280%
35) Dibromofluoromethane	7.716	113	42589	50.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.900%
50) Toluene-d8	10.179	98	237265	82.953	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	165.900%#
62) 4-Bromofluorobenzene	12.477	95	86518	80.422	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	160.840%#

Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	177	Below Cal	#	58
5) Bromomethane	2.668	94	169	Below Cal		87
10) Methyl Iodide	4.094	142	20	2.409	ug/l #	35
11) Tert butyl alcohol	4.942	59	601	6.794	ug/l #	77
13) Acrolein	3.704	56	572	8.212	ug/l #	1
15) Acrylonitrile	5.241	53	3129	11.855	ug/l #	41
16) Acetone	3.948	43	40813	205.076	ug/l	90
17) Carbon Disulfide	4.198	76	11047	4.820	ug/l	97
18) Methyl Acetate	4.570	43	2053	Below Cal	#	56
20) Methylene Chloride	4.729	84	3402	Below Cal	#	61
25) 2-Butanone	6.984	43	23580	75.773	ug/l #	89
29) Tetrahydrofuran	7.350	42	271	1.349	ug/l #	48
30) Chloroform	7.466	83	3170	1.653	ug/l #	18
31) Cyclohexane	7.783	56	208372	139.265	ug/l	88
36) 1,1-Dichloropropene	7.789	75	7233	5.419	ug/l #	70
37) Ethyl Acetate	6.984	43	23580	34.261	ug/l #	72
38) Carbon Tetrachloride	7.789	117	8756	6.098	ug/l #	14
39) Methylcyclohexane	9.185	83	818282	476.462	ug/l #	84
40) Benzene	8.161	78	22067	5.552	ug/l	99
41) Methacrylonitrile	7.350	41	1035	2.688	ug/l #	1
43) Isopropyl Acetate	8.264	43	31623	24.757	ug/l #	57
45) 1,2-Dichloropropane	9.179	63	7842	8.076	ug/l #	1
47) Bromodichloromethane	9.465	83	11035	7.635	ug/l #	38
48) Methyl methacrylate	9.240	41	23576	43.418	ug/l #	38
51) 4-Methyl-2-Pentanone	10.112	43	21524	32.633	ug/l	92
52) Toluene	10.240	92	61217	23.376	ug/l	96
55) 1,1,2-Trichloroethane	10.618	97	208255	227.171	ug/l #	20
56) Ethyl methacrylate	10.520	69	76539	68.099	ug/l #	52
58) 2-Chloroethyl Vinyl ether	9.764	63	627	1.416	ug/l #	48
59) 2-Hexanone	10.801	43	258153	568.812	ug/l #	33
67) Ethyl Benzene	11.593	91	161965	40.858	ug/l	94
68) m/p-Xylenes	11.697	106	147547	93.589	ug/l	92
69) o-Xylene	12.032	106	187264	122.402	ug/l	89
70) Styrene	12.026	104	10057	3.986	ug/l #	1
73) Isopropylbenzene	12.331	105	167527	64.508	ug/l	98
74) N-amyl acetate	12.124	43	364684	646.808	ug/l #	62

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

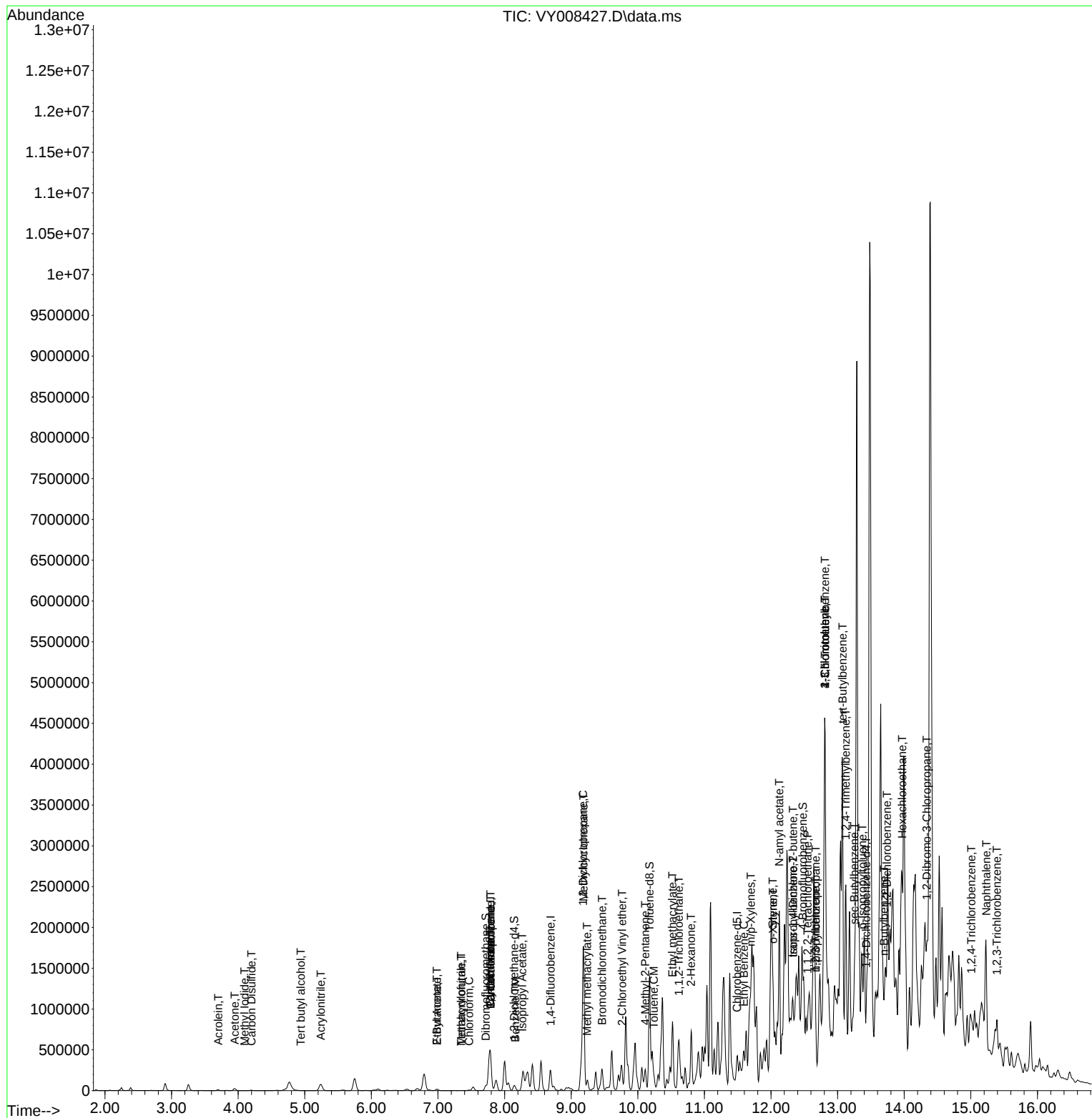
75) 1,1,2,2-Tetrachloroethane	12.550	83	41428	75.390	ug/l #	26
76) 1,2,3-Trichloropropane	12.672	75	1844	4.773	ug/l #	100
78) n-propylbenzene	12.672	91	218357	71.255	ug/l	94
79) 2-Chlorotoluene	12.812	91	58982	34.296	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	466081	218.869	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.331	75	1820	10.541	ug/l #	1
82) 4-Chlorotoluene	12.812	91	58839	33.292	ug/l	90
83) tert-Butylbenzene	13.075	119	35212	18.432	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	1021632	484.777	ug/l	93
85) sec-Butylbenzene	13.251	105	132650	46.836	ug/l #	66
86) p-Isopropyltoluene	13.373	119	245582	103.908	ug/l	98
89) n-Butylbenzene	13.696	91	70467	33.000	ug/l #	77
90) Hexachloroethane	13.971	117	17449	39.501	ug/l #	6
91) 1,2-Dichlorobenzene	13.739	146	2206	1.967	ug/l #	67
92) 1,2-Dibromo-3-Chloropr...	14.337	75	688	8.751	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.007	180	763	1.150	ug/l #	1
95) Naphthalene	15.233	128	43009	30.274	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.391	180	3366	5.800	ug/l #	1

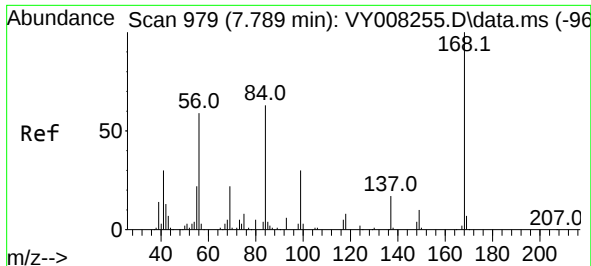
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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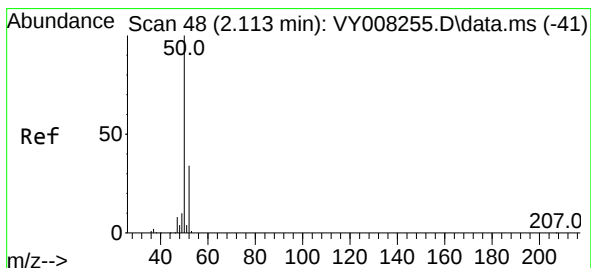
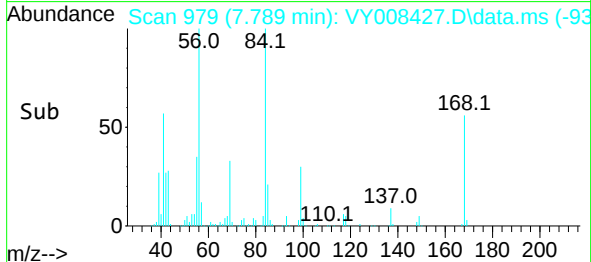
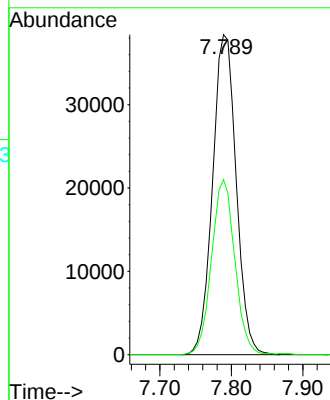
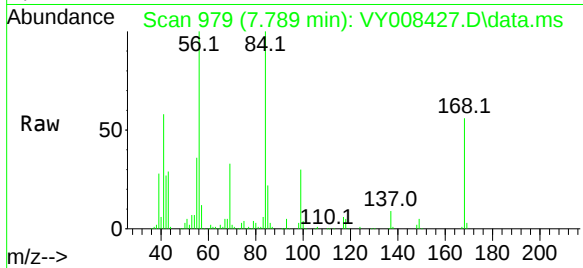




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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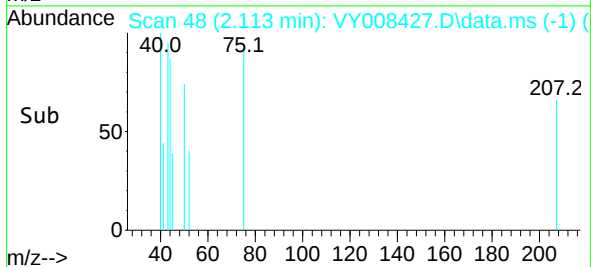
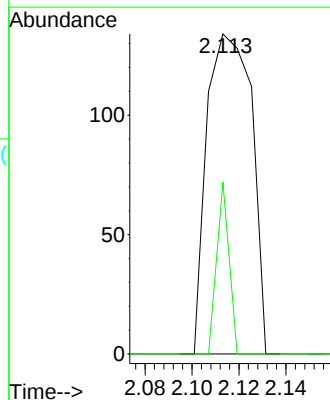
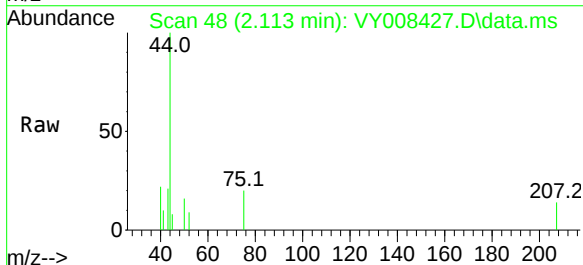
Instrument :
MSVOA_Y
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WC-15-1-2

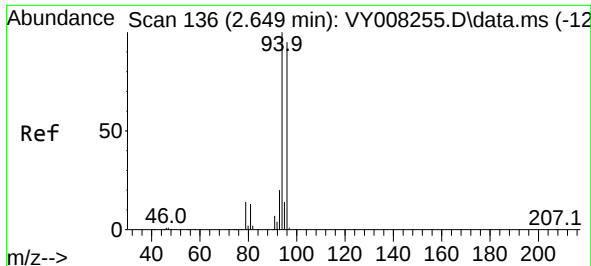
Tgt Ion:168 Resp: 88087
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 50 Resp: 177
Ion Ratio Lower Upper
50 100
52 53.7 24.6 37.0#

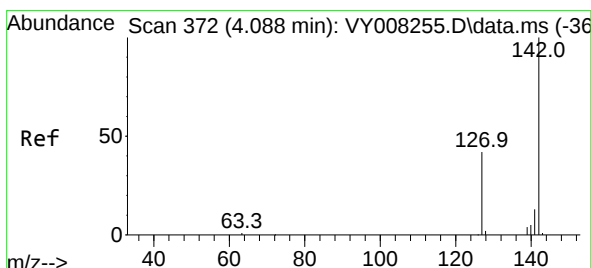
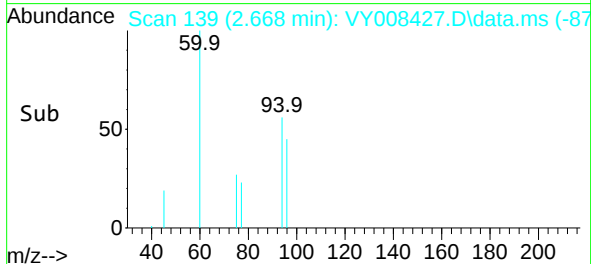
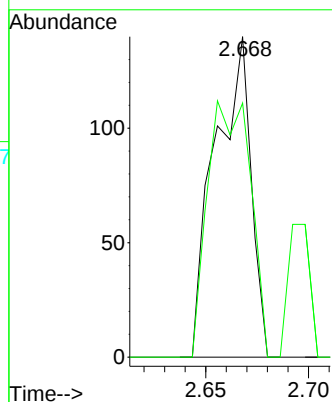
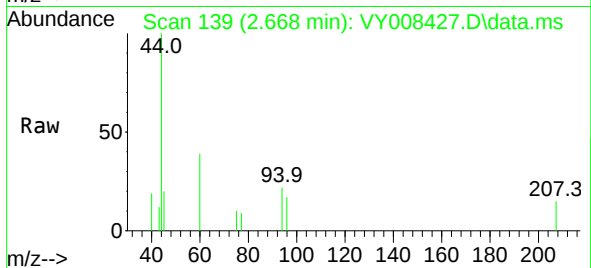




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

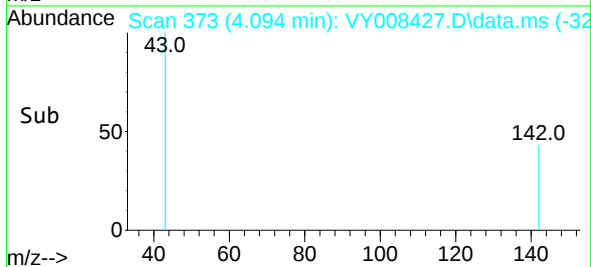
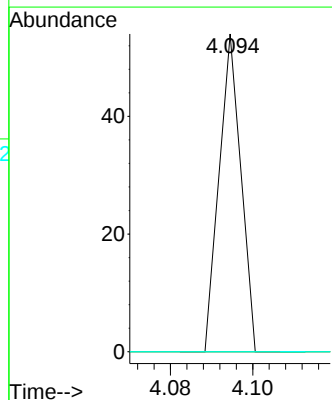
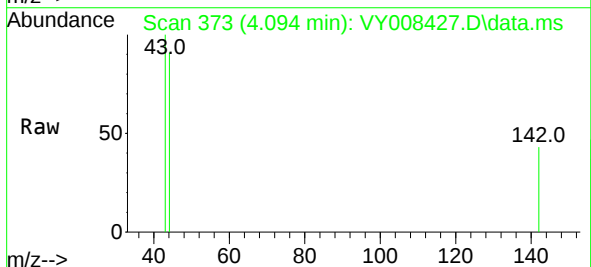
Instrument :
MSVOA_Y
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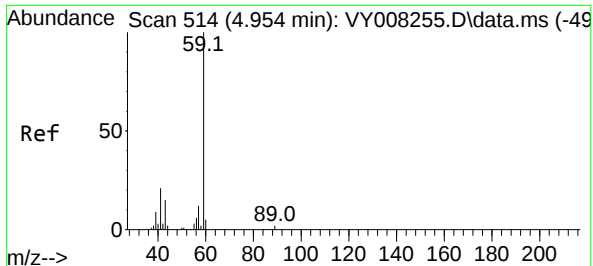
Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 79.3 73.5 110.3



#10
Methyl Iodide
Concen: 2.409 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion:142 Resp: 20
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: 6.794 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

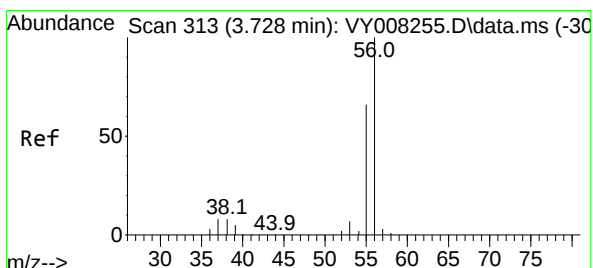
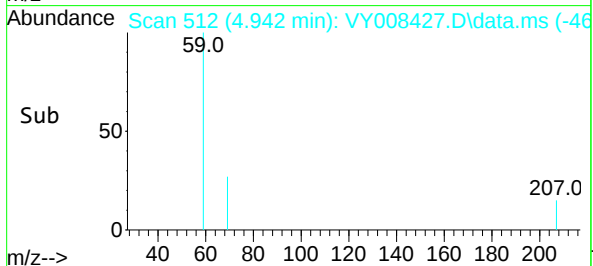
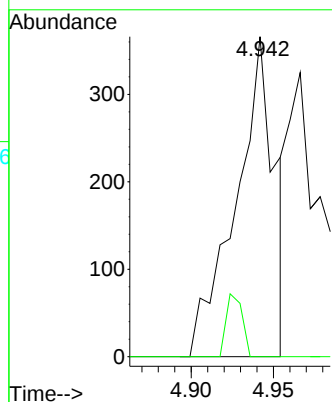
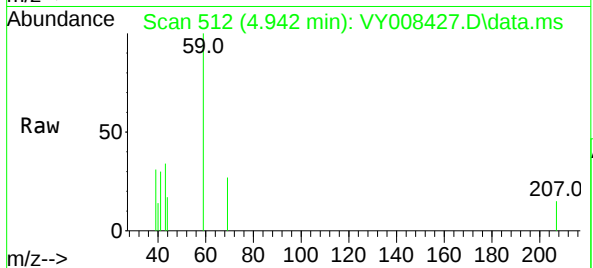
WC-15-1-2

Tgt Ion: 59 Resp: 601

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 8.212 ug/l

RT: 3.704 min Scan# 309

Delta R.T. -0.024 min

Lab File: VY008427.D

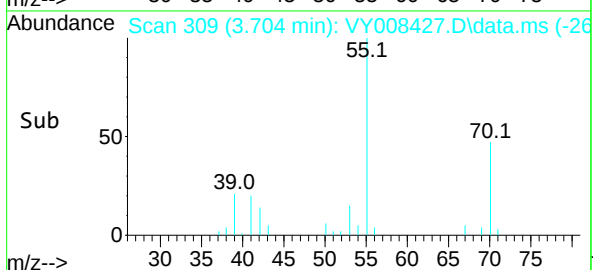
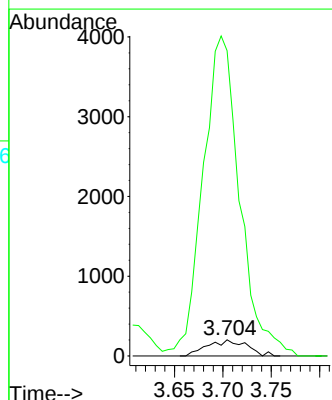
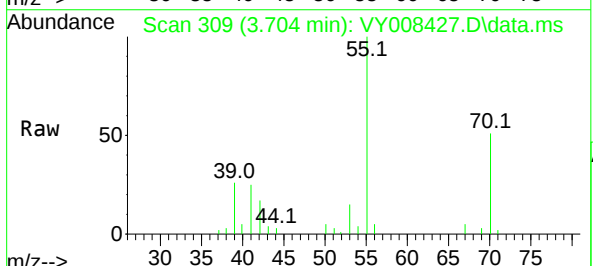
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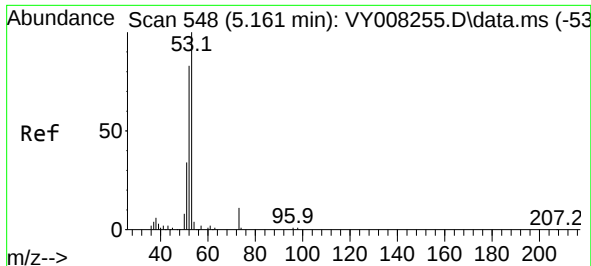
Tgt Ion: 56 Resp: 572

Ion Ratio Lower Upper

56 100

55 1855.2 57.6 86.4#

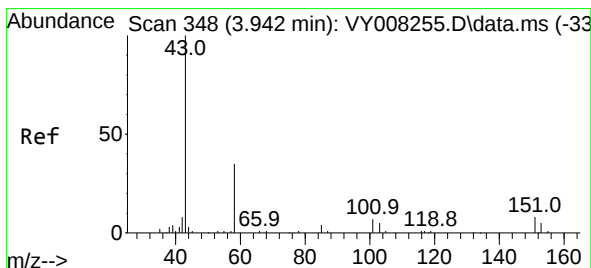
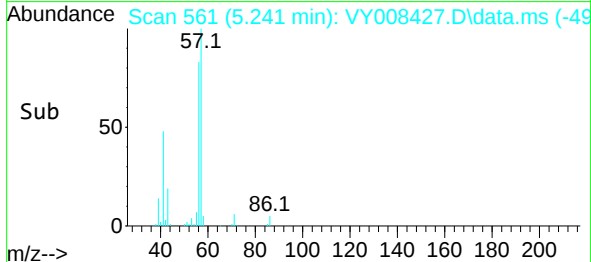
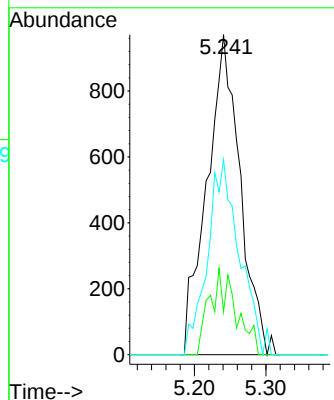
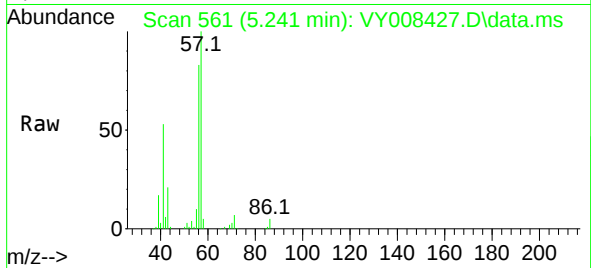




#15
Acrylonitrile
Concen: 11.855 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.080 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

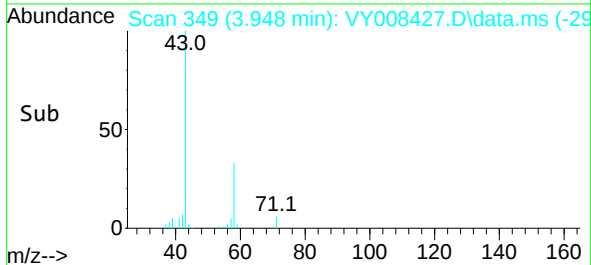
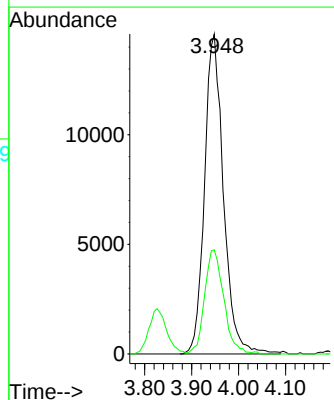
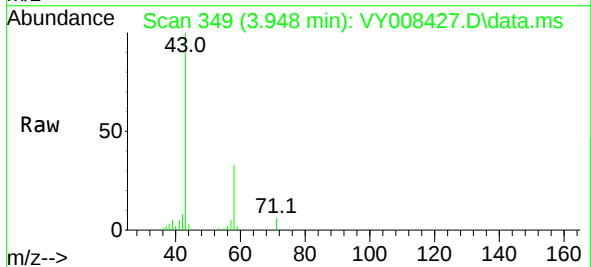
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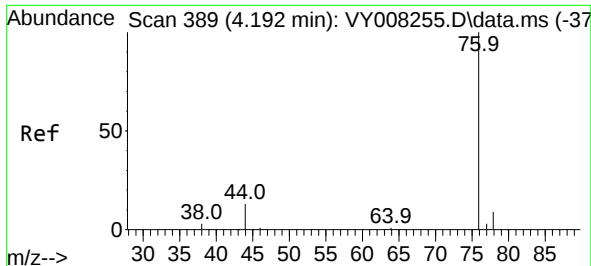
Tgt Ion: 53 Resp: 3129
Ion Ratio Lower Upper
53 100
52 21.2 67.0 100.4#
51 59.1 29.8 44.6#



#16
Acetone
Concen: 205.076 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 43 Resp: 40813
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0





#17

Carbon Disulfide

Concen: 4.820 ug/l

RT: 4.198 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

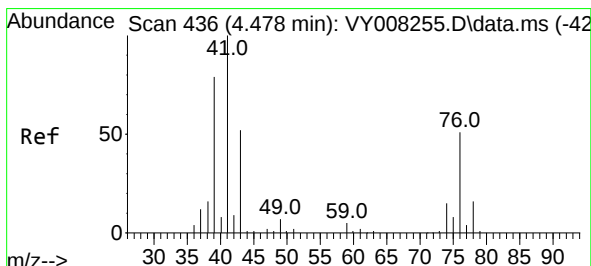
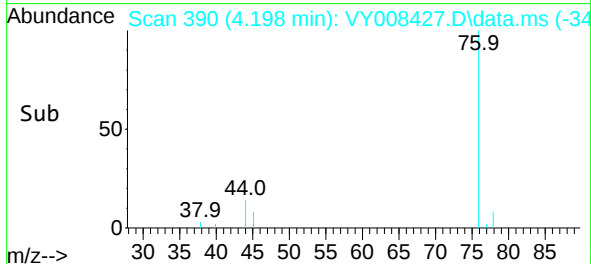
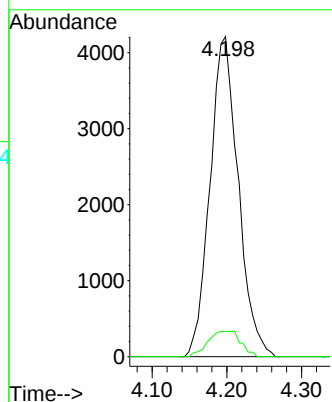
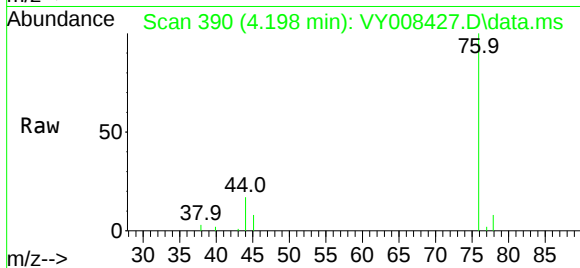
WC-15-1-2

Tgt Ion: 76 Resp: 11047

Ion Ratio Lower Upper

76 100

78 7.9 7.4 11.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.570 min Scan# 451

Delta R.T. 0.092 min

Lab File: VY008427.D

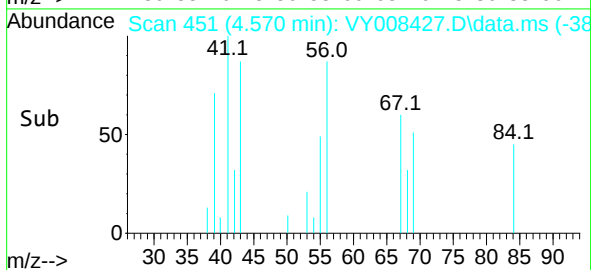
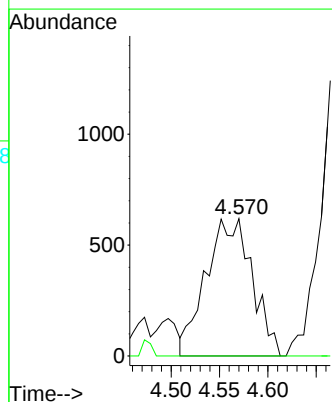
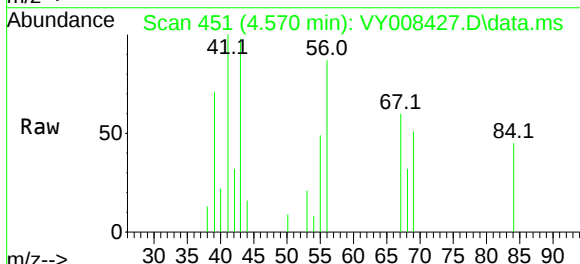
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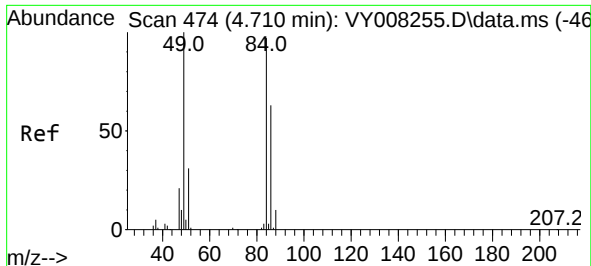
Tgt Ion: 43 Resp: 2053

Ion Ratio Lower Upper

43 100

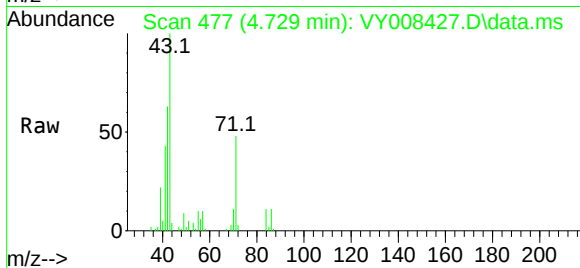
74 0.0 16.6 24.8#



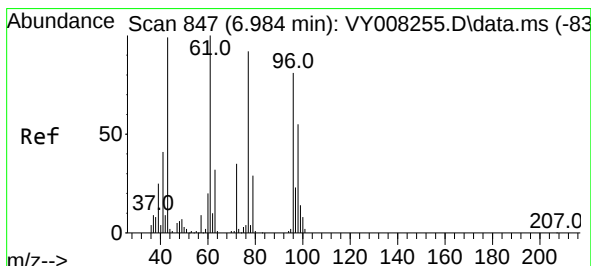
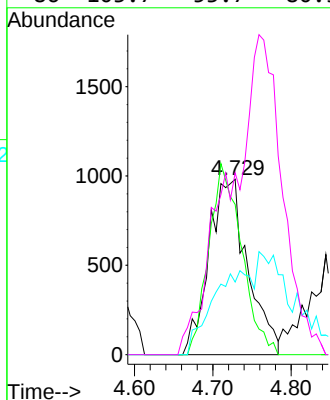
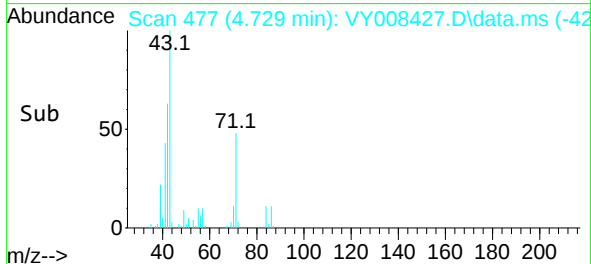


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

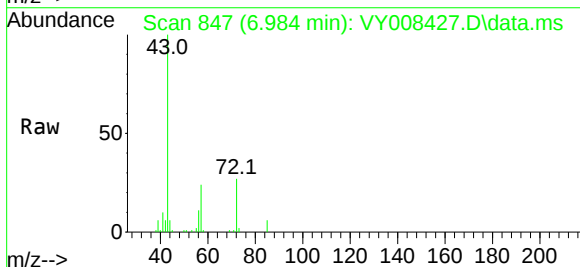
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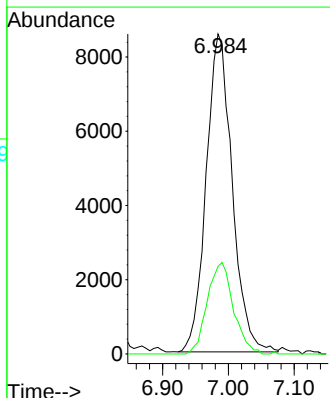
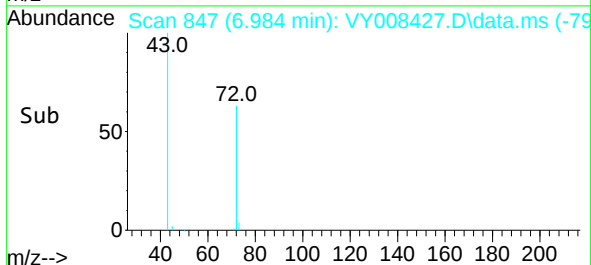
Tgt Ion: 84 Resp: 3402
Ion Ratio Lower Upper
84 100
49 85.7 114.4 171.6#
51 41.4 35.3 52.9
86 103.7 53.7 80.5#

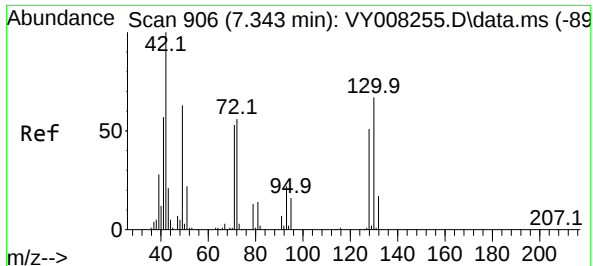


#25
2-Butanone
Concen: 75.773 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38



Tgt Ion: 43 Resp: 23580
Ion Ratio Lower Upper
43 100
72 27.5 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.349 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.007 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-2

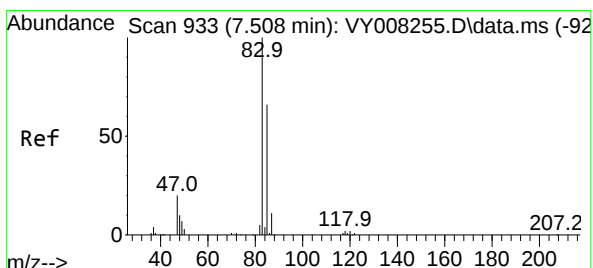
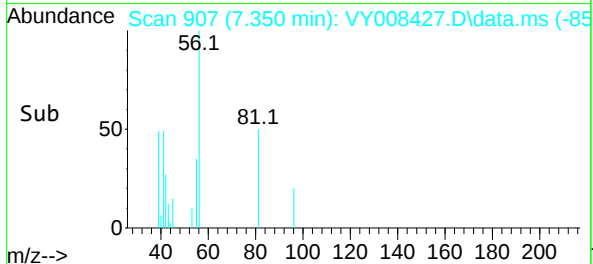
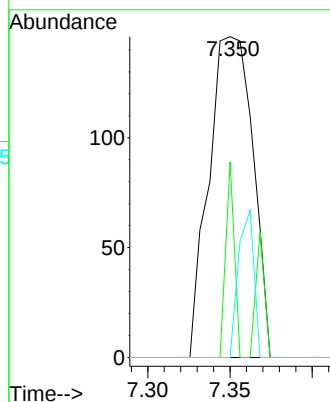
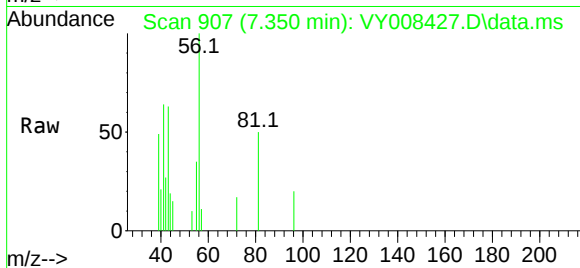
Tgt Ion: 42 Resp: 271

Ion Ratio Lower Upper

42 100

72 12.2 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 1.653 ug/l

RT: 7.466 min Scan# 926

Delta R.T. -0.042 min

Lab File: VY008427.D

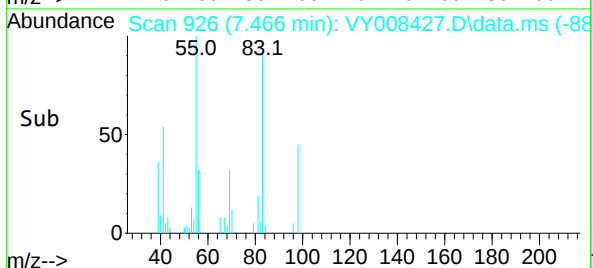
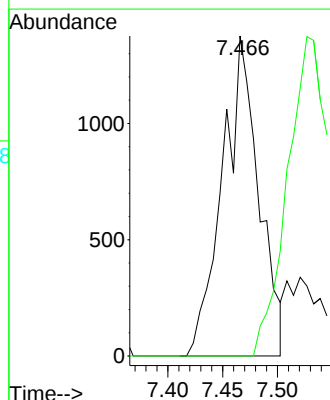
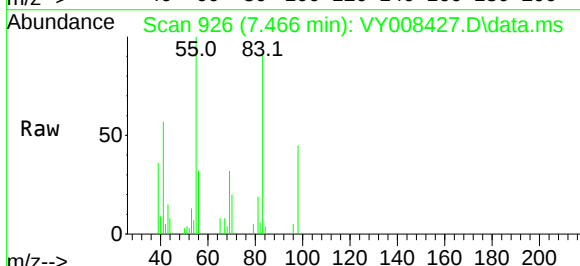
Acq: 20 Apr 2022 18:38

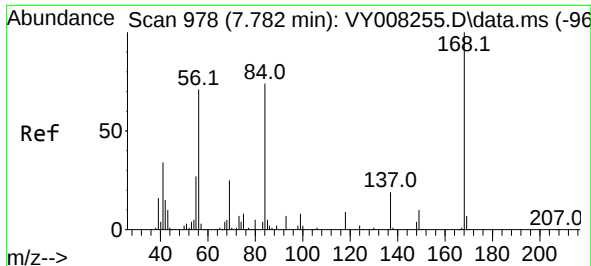
Tgt Ion: 83 Resp: 3170

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#

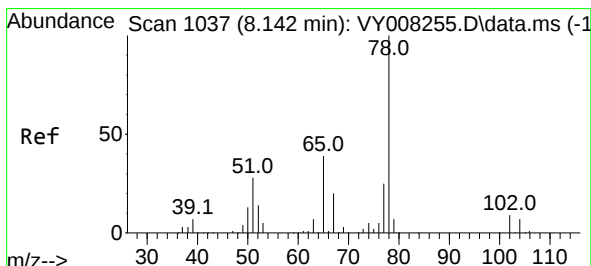
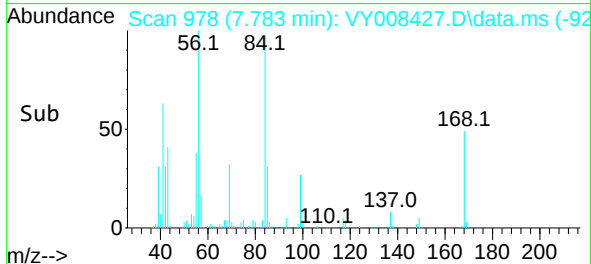
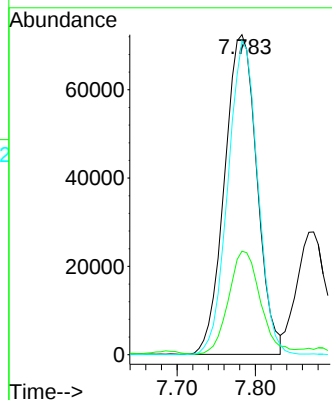
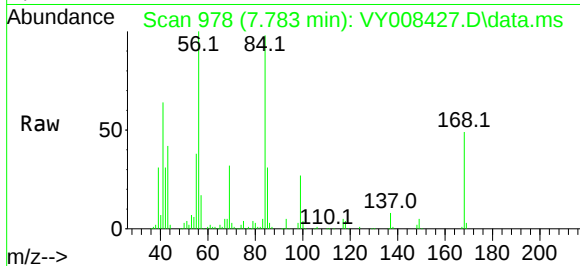




#31
Cyclohexane
Concen: 139.265 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

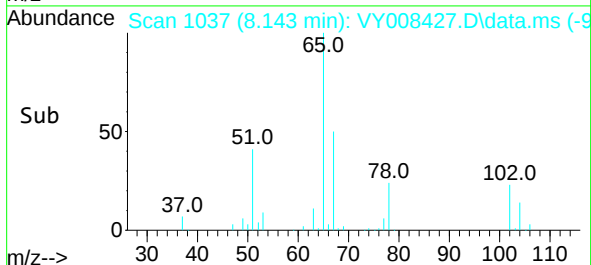
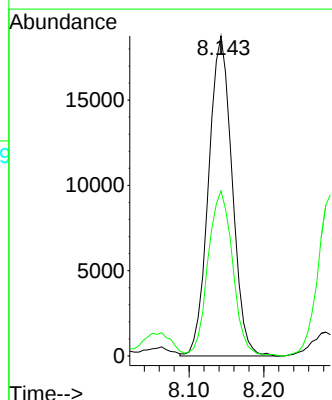
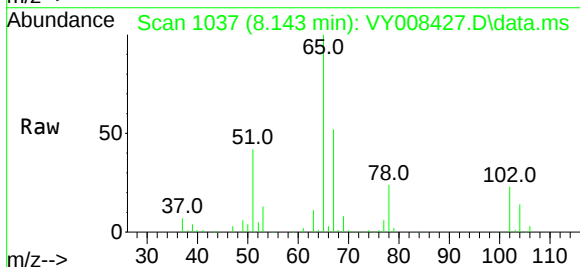
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

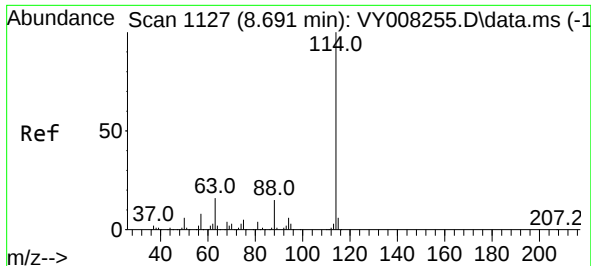
Tgt Ion: 56 Resp: 208372
Ion Ratio Lower Upper
56 100
69 31.8 26.7 40.1
84 98.2 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 49.639 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 65 Resp: 41072
Ion Ratio Lower Upper
65 100
67 53.9 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: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-2

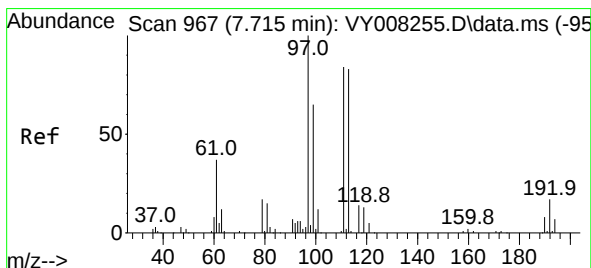
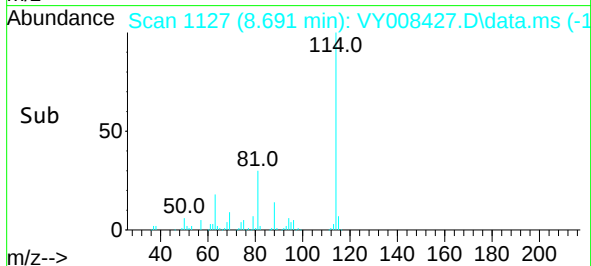
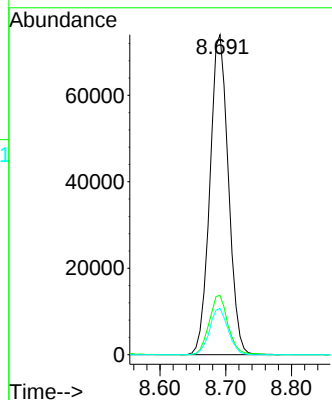
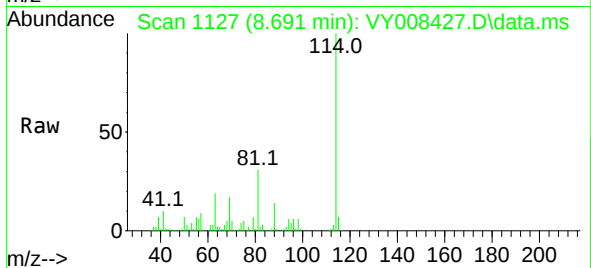
Tgt Ion:114 Resp: 144721

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.951 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

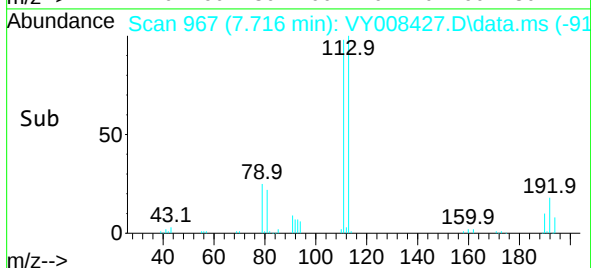
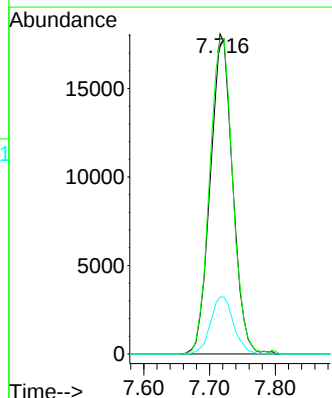
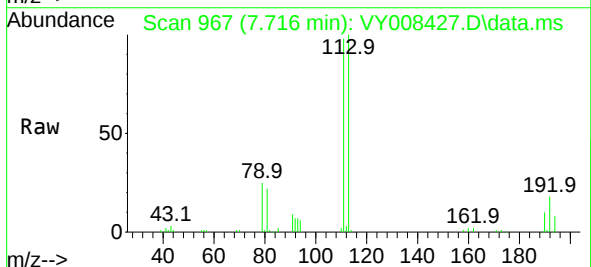
Tgt Ion:113 Resp: 42589

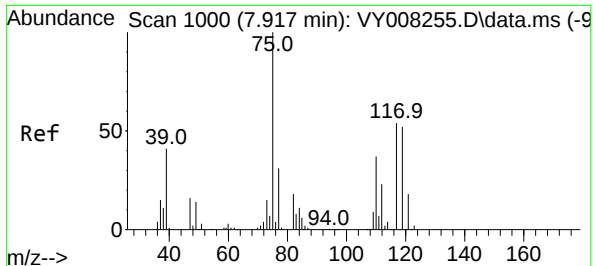
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.5 17.6 26.4

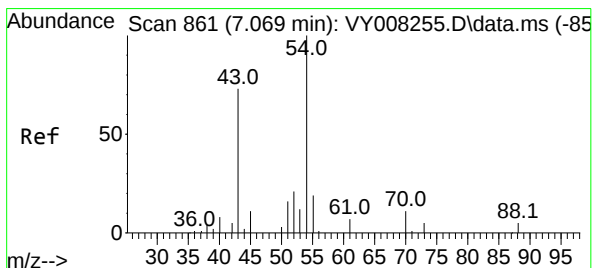
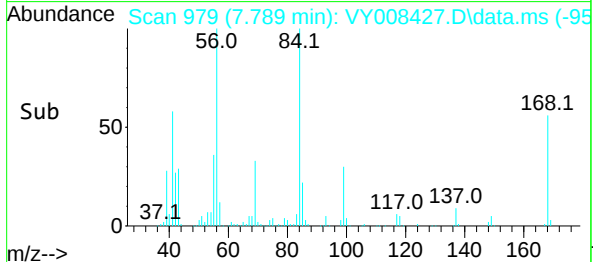
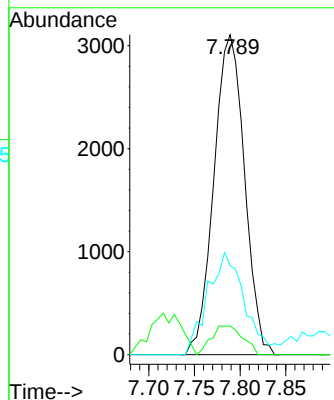
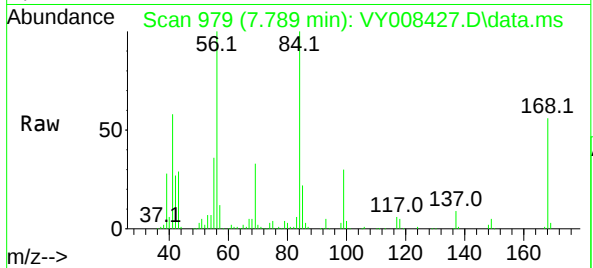




#36
 1,1-Dichloropropene
 Concen: 5.419 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY008427.D
 Acq: 20 Apr 2022 18:38

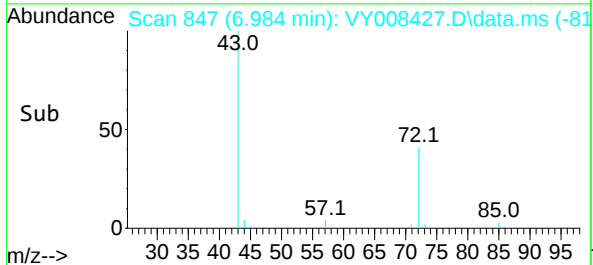
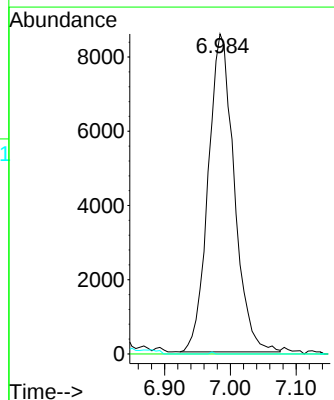
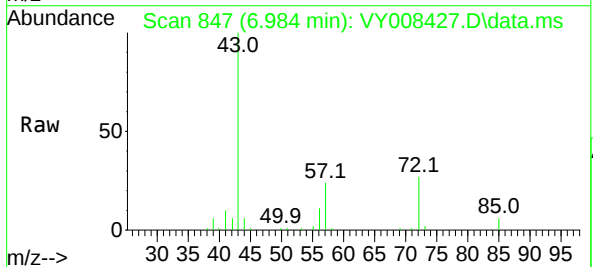
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-2

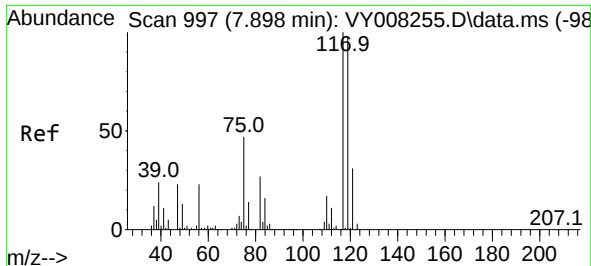
Tgt Ion: 75 Resp: 7233
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.1 51.2#
 77 38.9 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 34.261 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.085 min
 Lab File: VY008427.D
 Acq: 20 Apr 2022 18:38

Tgt Ion: 43 Resp: 23580
 Ion Ratio Lower Upper
 43 100
 61 0.0 9.7 14.5#
 70 0.0 7.1 10.7#

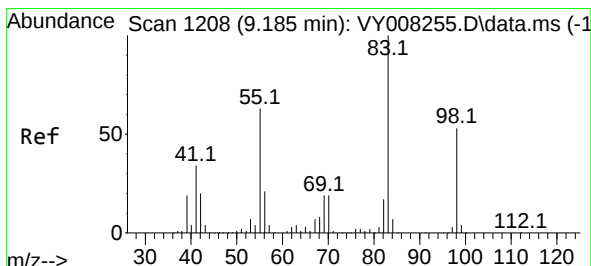
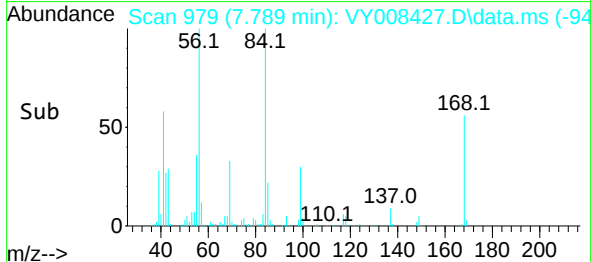
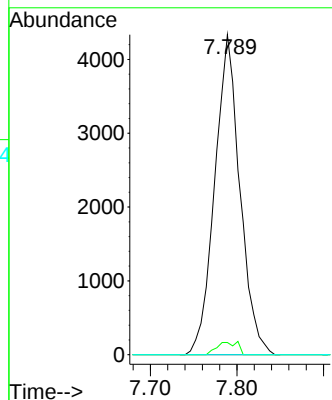
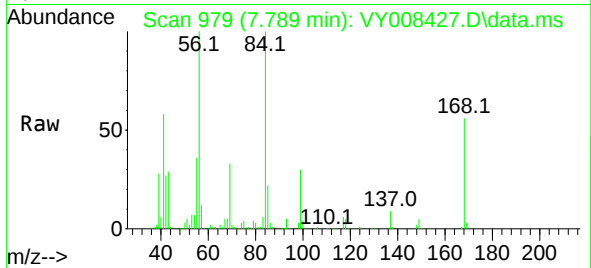




#38
Carbon Tetrachloride
Concen: 6.098 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

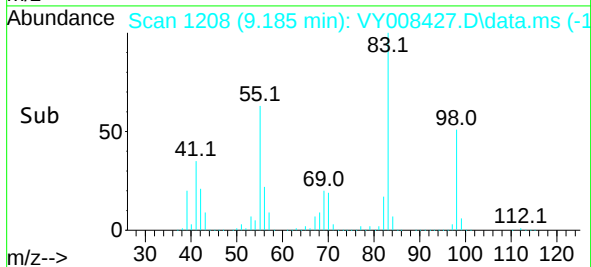
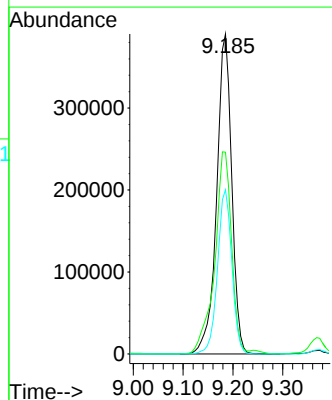
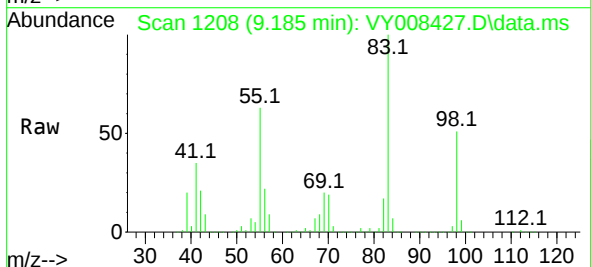
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

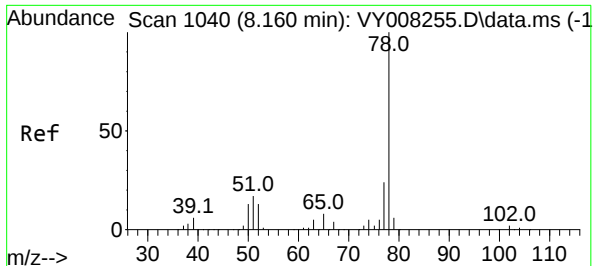
Tgt Ion:117 Resp: 8756
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 476.462 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 83 Resp: 818282
Ion Ratio Lower Upper
83 100
55 63.0 66.5 99.7#
98 51.3 37.9 56.9

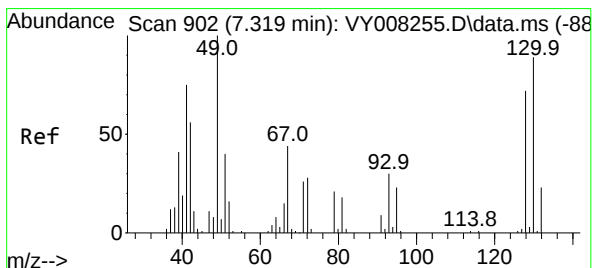
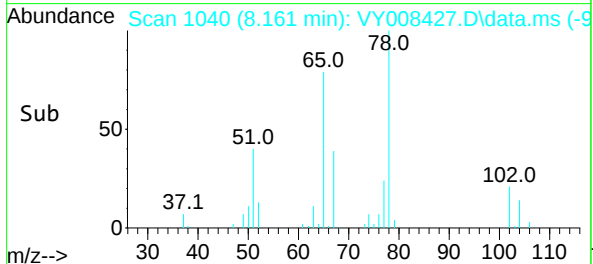
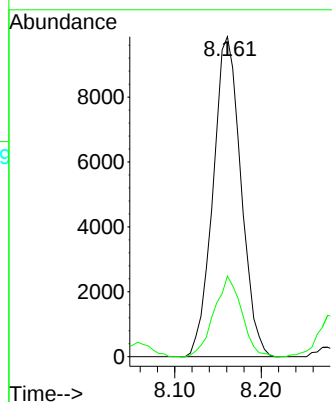
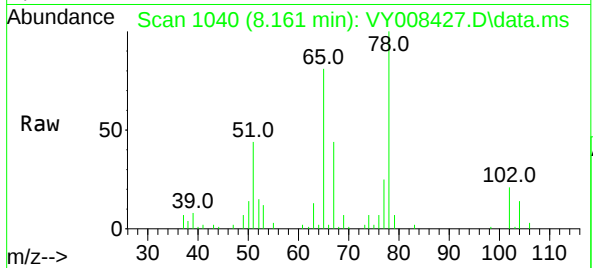




#40
Benzene
Concen: 5.552 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

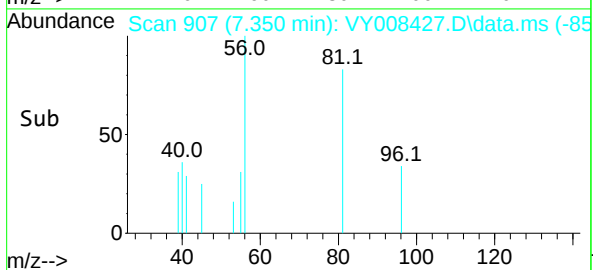
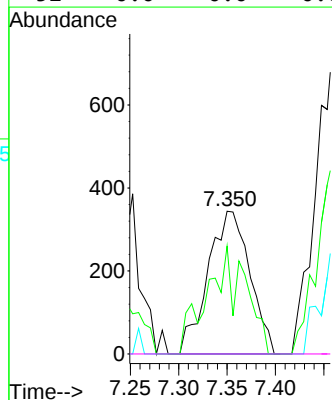
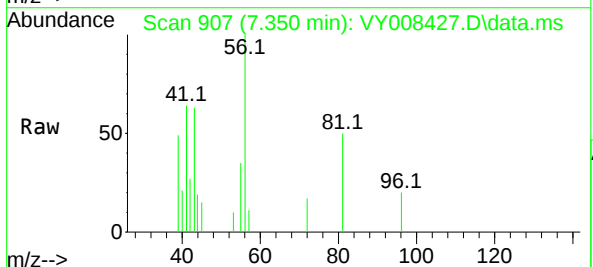
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

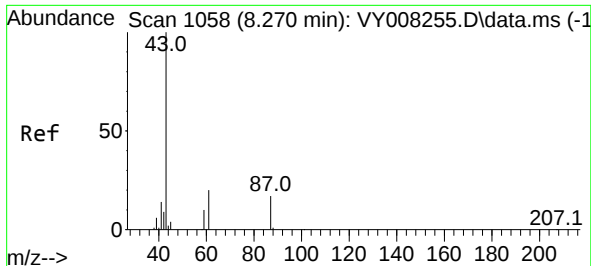
Tgt Ion: 78 Resp: 22067
Ion Ratio Lower Upper
78 100
77 25.2 20.4 30.6



#41
Methacrylonitrile
Concen: 2.688 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 41 Resp: 1035
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

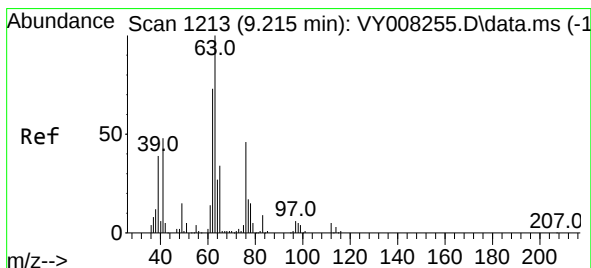
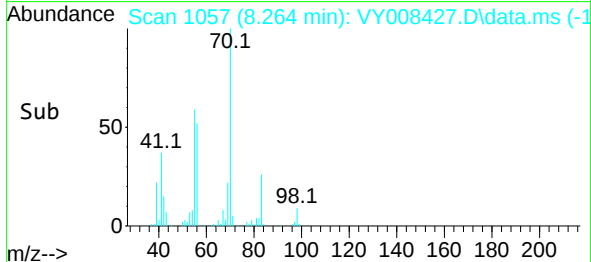
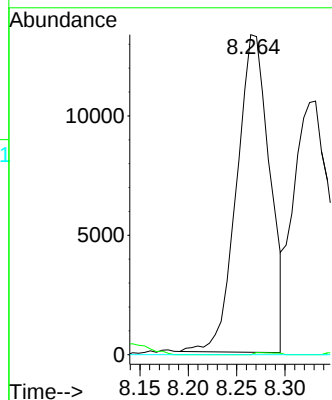
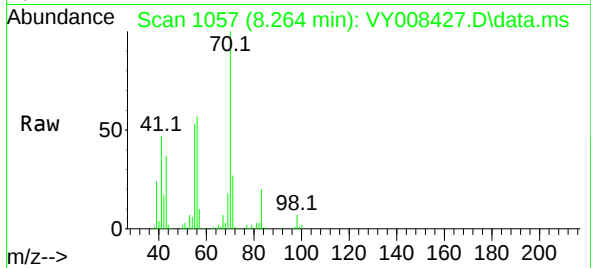




#43
Isopropyl Acetate
Concen: 24.757 ug/l
RT: 8.264 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

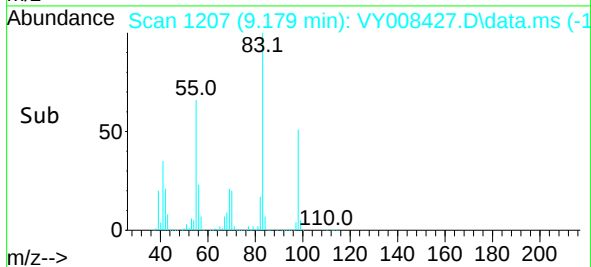
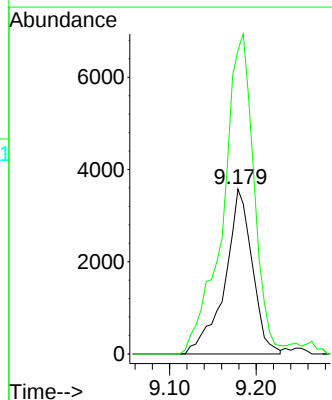
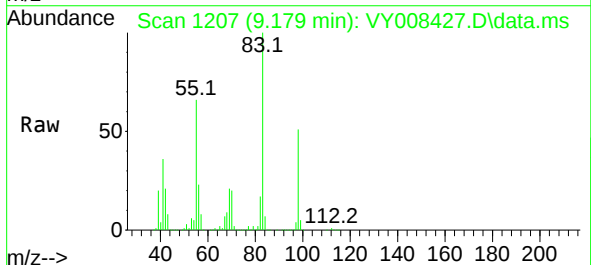
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

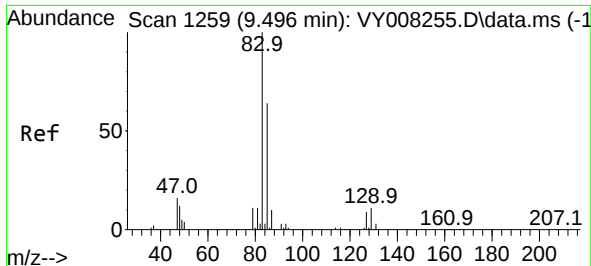
Tgt Ion: 43 Resp: 31623
Ion Ratio Lower Upper
43 100
61 0.4 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 8.076 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.036 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 63 Resp: 7842
Ion Ratio Lower Upper
63 100
65 184.4 23.0 34.6#

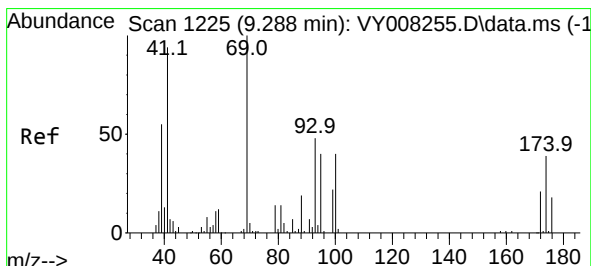
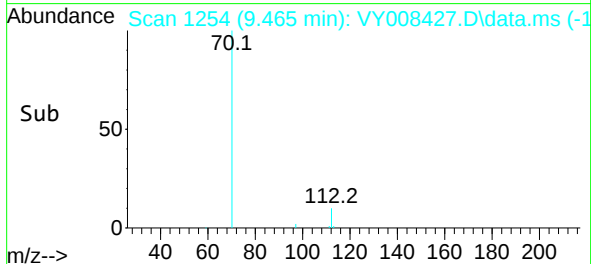
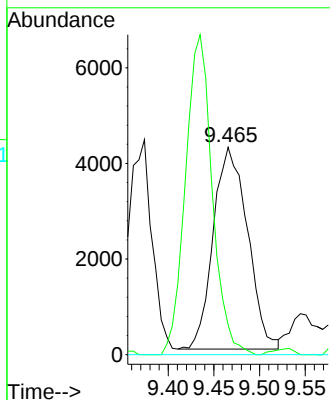
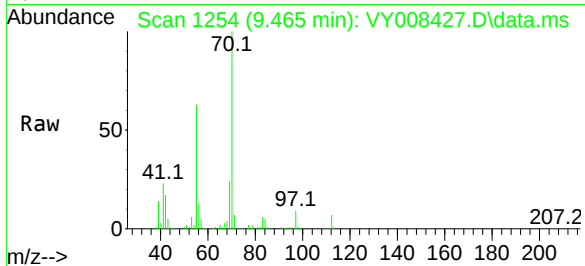




#47
 Bromodichloromethane
 Concen: 7.635 ug/l
 RT: 9.465 min Scan# 11035
 Delta R.T. -0.031 min
 Lab File: VY008427.D
 Acq: 20 Apr 2022 18:38

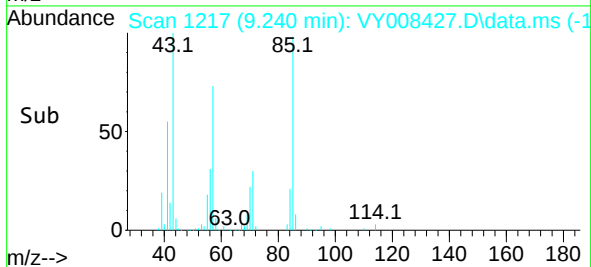
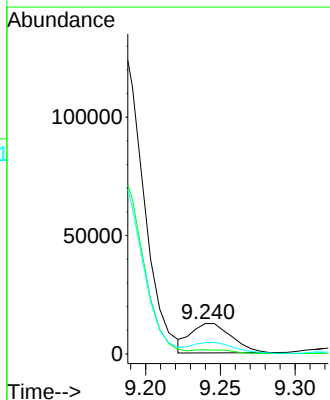
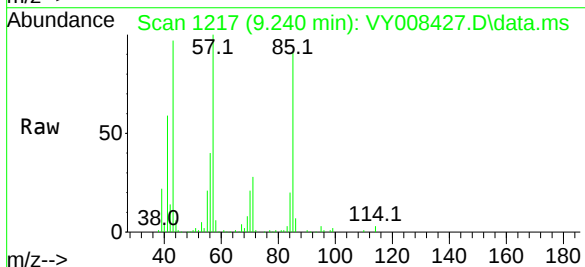
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-2

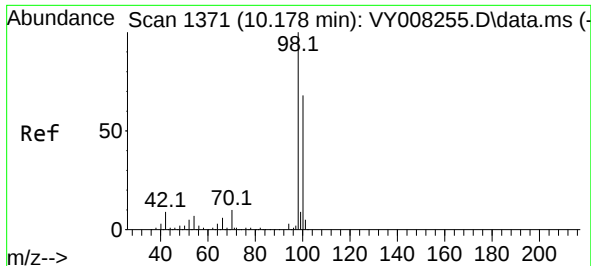
Tgt Ion: 83 Resp: 11035
 Ion Ratio Lower Upper
 83 100
 85 12.5 51.9 77.9#
 127 0.0 6.6 10.0#



#48
 Methyl methacrylate
 Concen: 43.418 ug/l
 RT: 9.240 min Scan# 1217
 Delta R.T. -0.048 min
 Lab File: VY008427.D
 Acq: 20 Apr 2022 18:38

Tgt Ion: 41 Resp: 23576
 Ion Ratio Lower Upper
 41 100
 69 0.0 58.2 87.2#
 39 35.7 47.4 71.0#





#50

Toluene-d8

Concen: 82.953 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

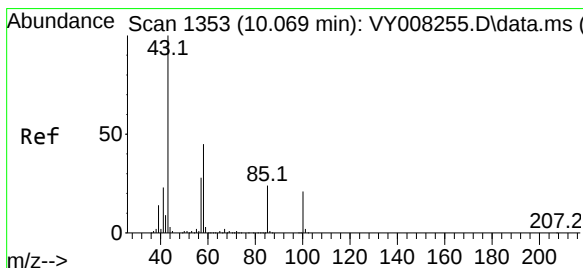
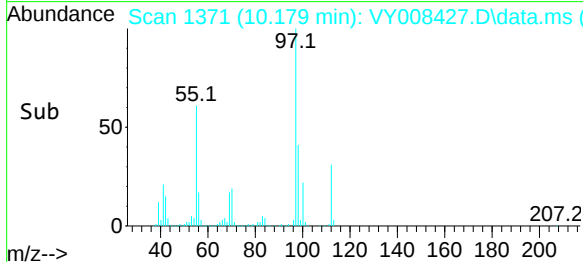
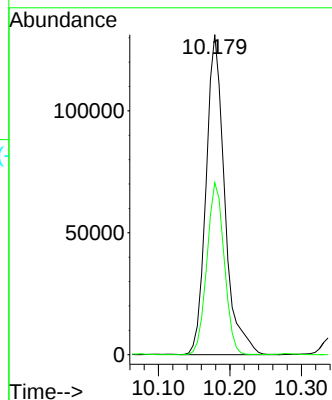
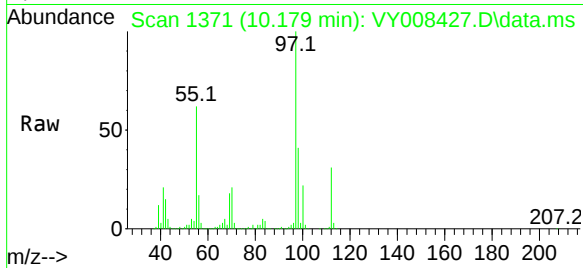
WC-15-1-2

Tgt Ion: 98 Resp: 237265

Ion Ratio Lower Upper

98 100

100 50.1 50.2 75.2#



#51

4-Methyl-2-Pentanone

Concen: 32.633 ug/l

RT: 10.112 min Scan# 1360

Delta R.T. 0.043 min

Lab File: VY008427.D

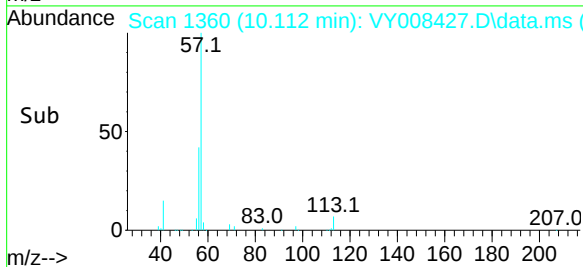
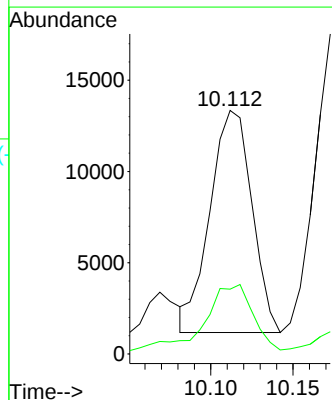
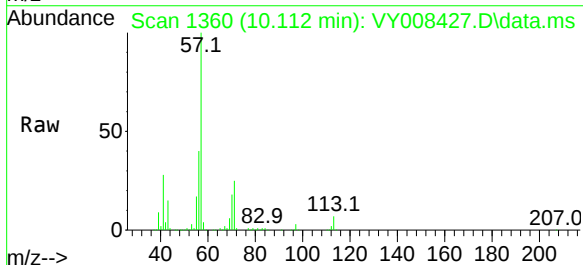
Acq: 20 Apr 2022 18:38

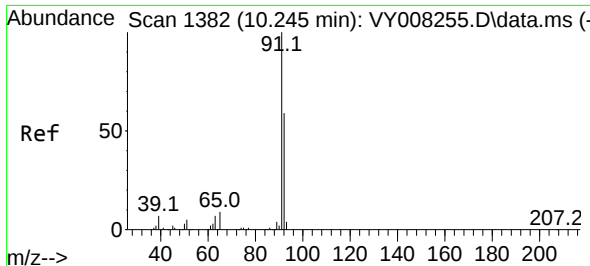
Tgt Ion: 43 Resp: 21524

Ion Ratio Lower Upper

43 100

58 39.8 28.1 42.1

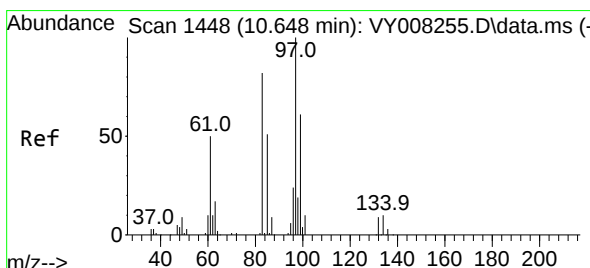
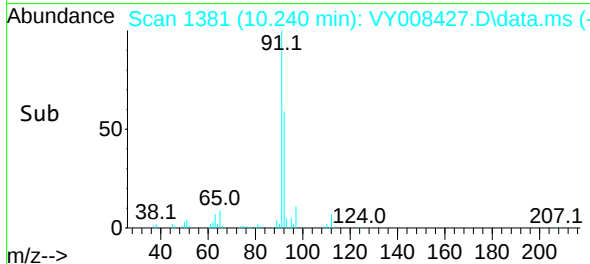
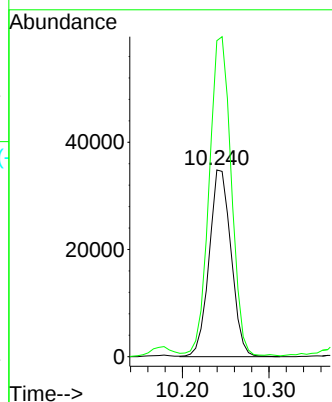
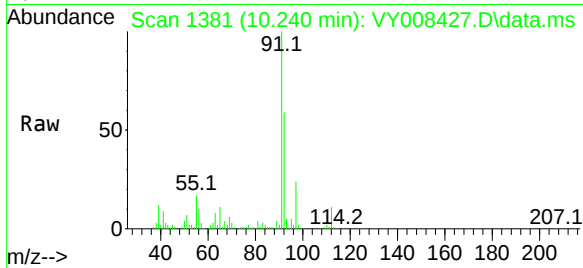




#52
Toluene
Concen: 23.376 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

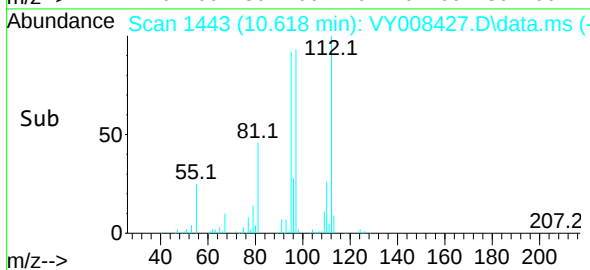
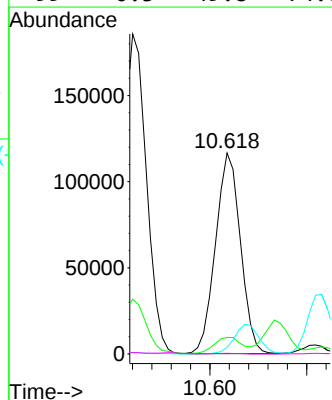
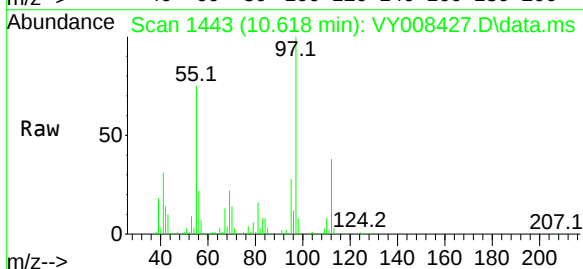
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

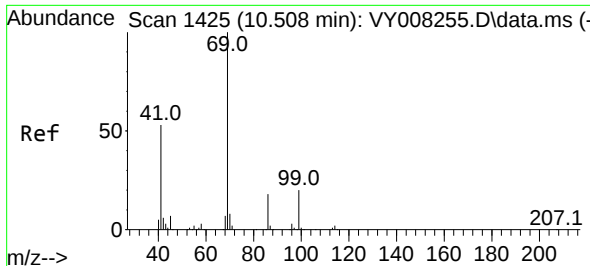
Tgt Ion: 92 Resp: 61217
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 227.171 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 97 Resp: 208255
Ion Ratio Lower Upper
97 100
83 7.7 69.8 104.8#
85 3.3 44.3 66.5#
99 0.3 49.8 74.6#

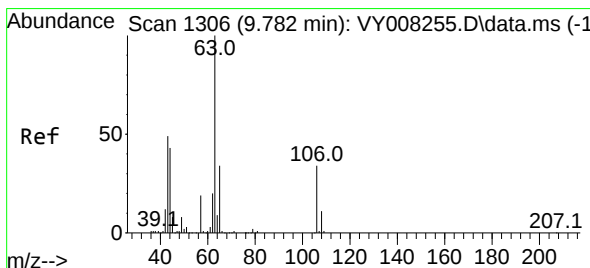
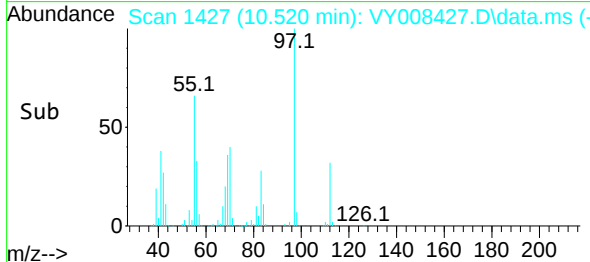
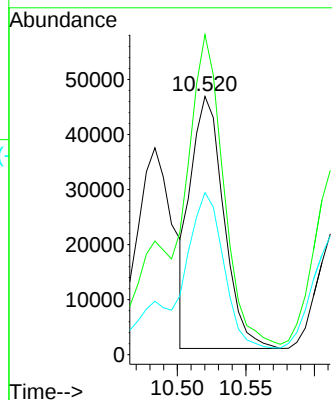
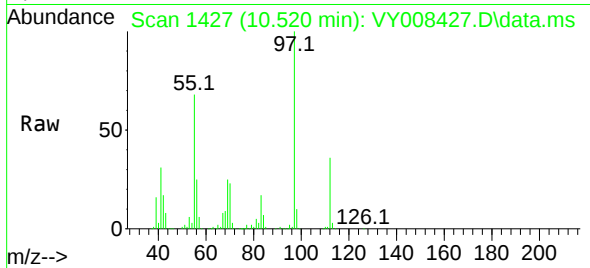




#56
Ethyl methacrylate
Concen: 68.099 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

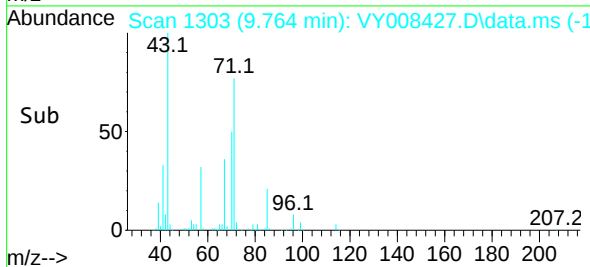
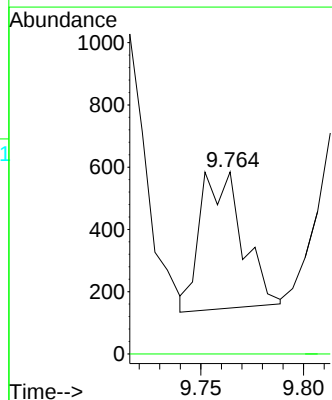
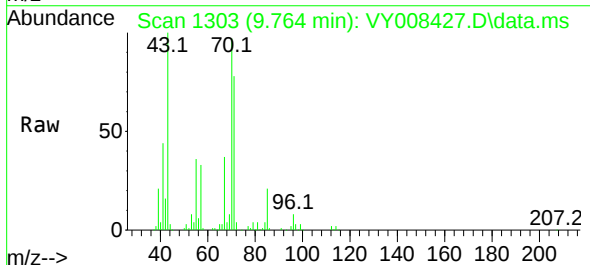
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

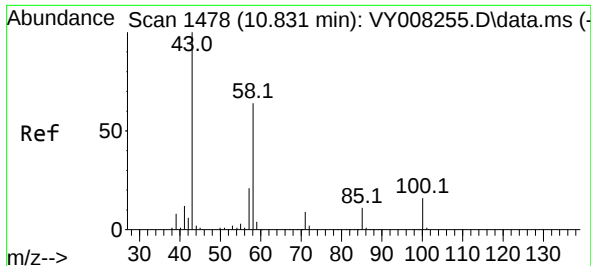
Tgt Ion: 69 Resp: 76539
Ion Ratio Lower Upper
69 100
41 129.7 63.4 95.0#
39 65.6 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.416 ug/l
RT: 9.764 min Scan# 1303
Delta R.T. -0.018 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 63 Resp: 627
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

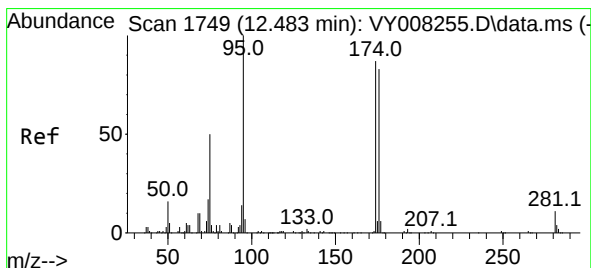
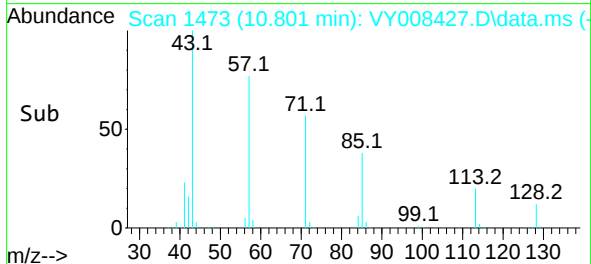
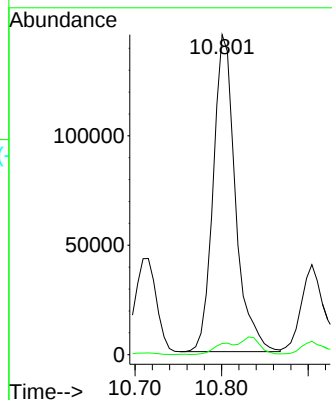
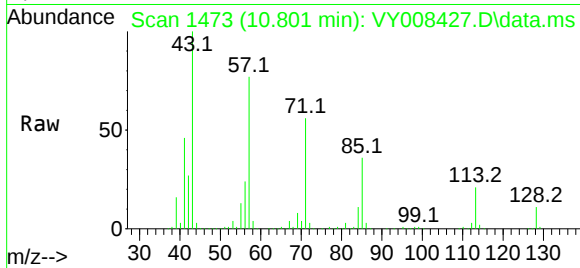




#59
2-Hexanone
Concen: 568.812 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

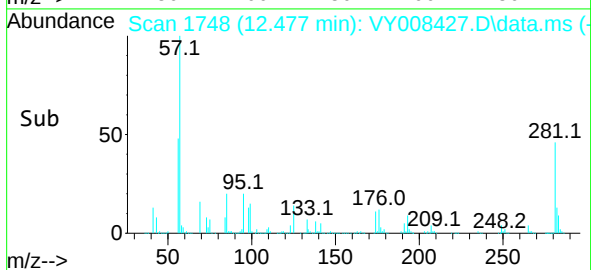
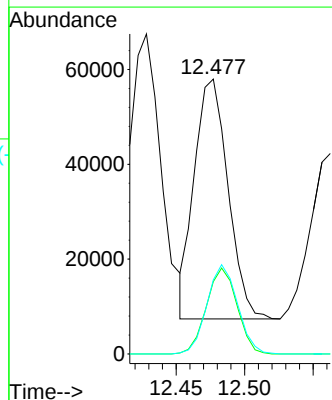
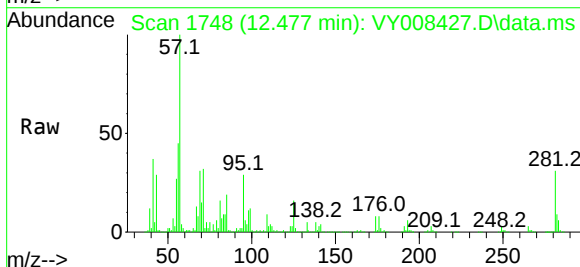
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

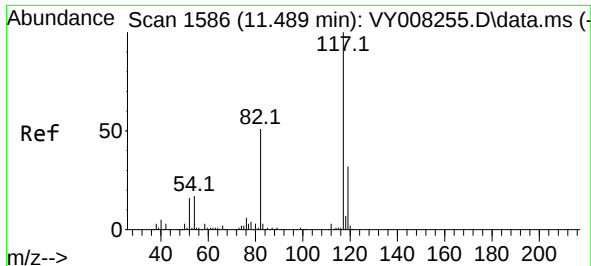
Tgt Ion: 43 Resp: 258153
Ion Ratio Lower Upper
43 100
58 3.2 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 80.422 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 95 Resp: 86518
Ion Ratio Lower Upper
95 100
174 32.5 0.0 177.0
176 33.8 0.0 175.8

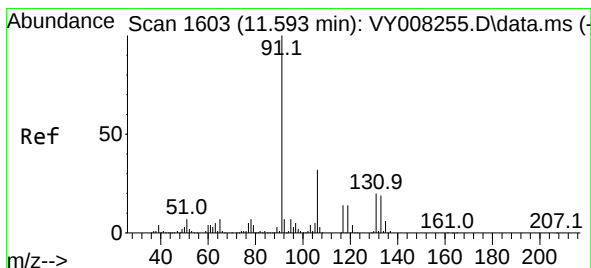
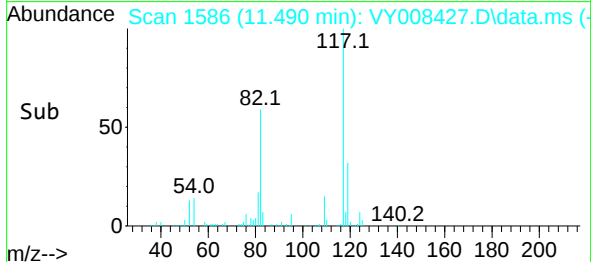
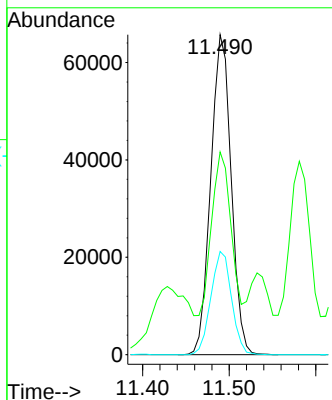
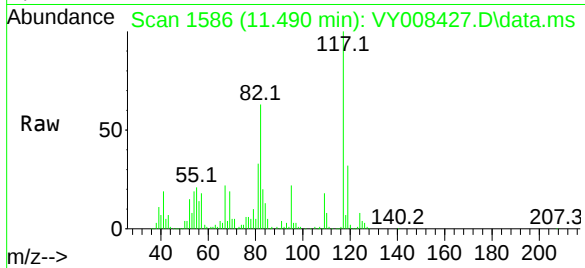




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

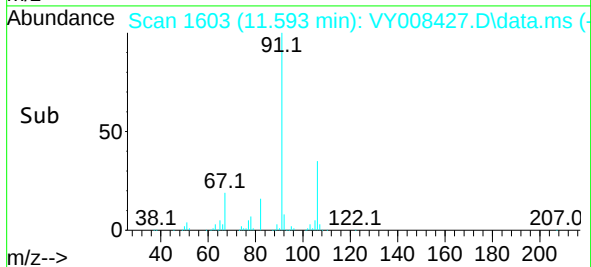
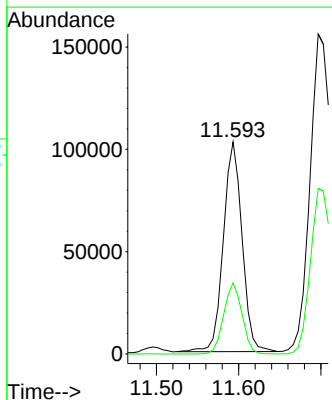
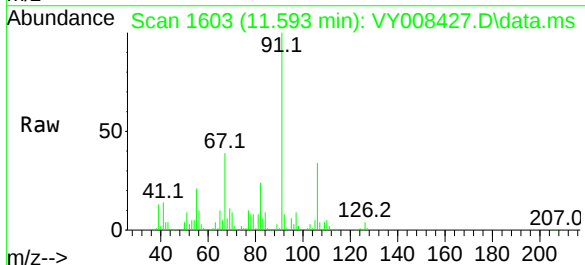
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

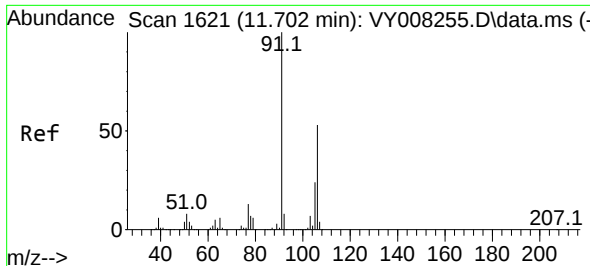
Tgt Ion:117 Resp: 107488
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 40.858 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 91 Resp: 161965
Ion Ratio Lower Upper
91 100
106 34.0 24.5 36.7

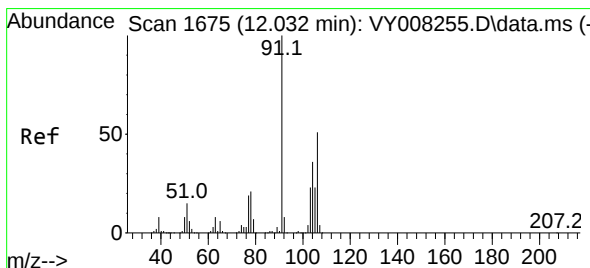
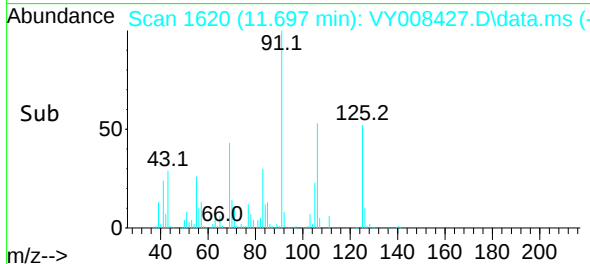
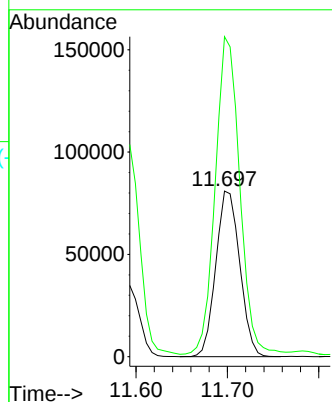
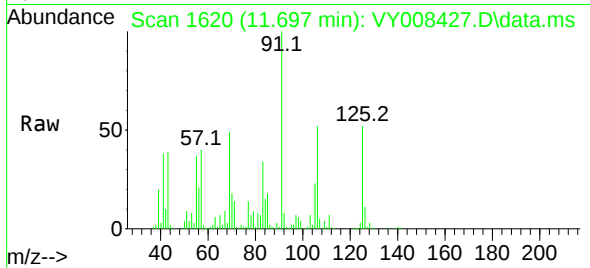




#68
m/p-Xylenes
Concen: 93.589 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.005 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

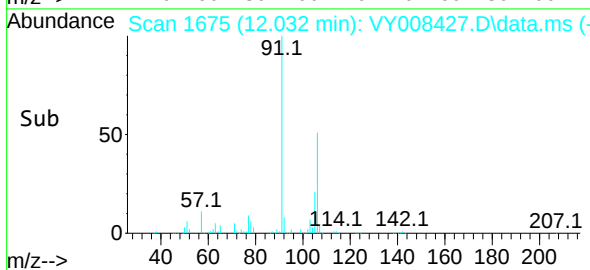
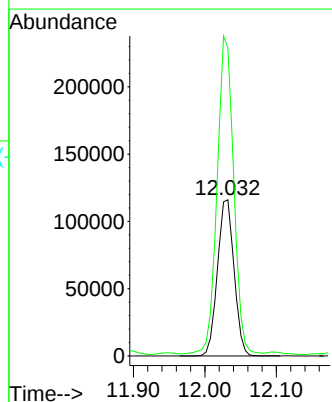
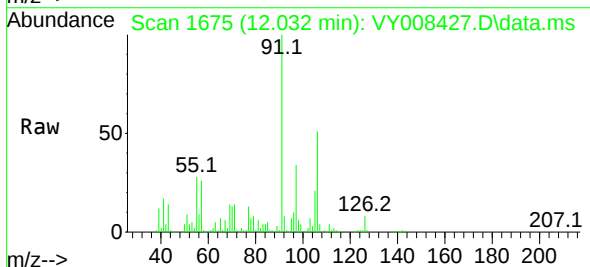
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

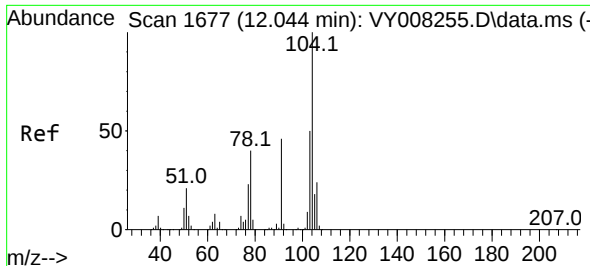
Tgt Ion:106 Resp: 147547
Ion Ratio Lower Upper
106 100
91 195.3 166.6 249.8



#69
o-Xylene
Concen: 122.402 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion:106 Resp: 187264
Ion Ratio Lower Upper
106 100
91 202.3 110.3 331.0

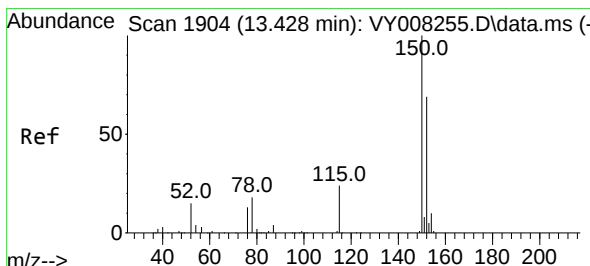
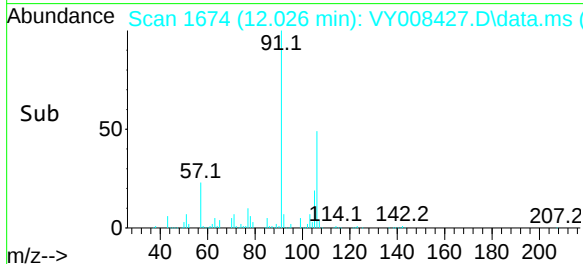
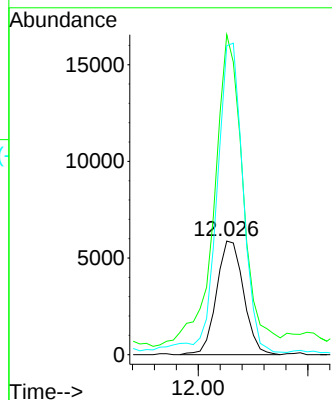
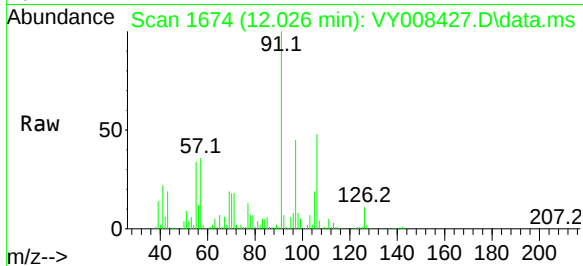




#70
Styrene
Concen: 3.986 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

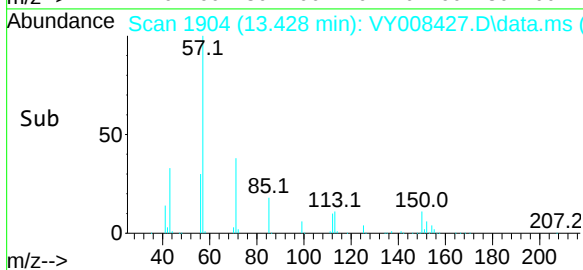
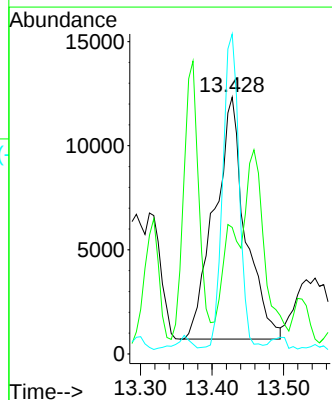
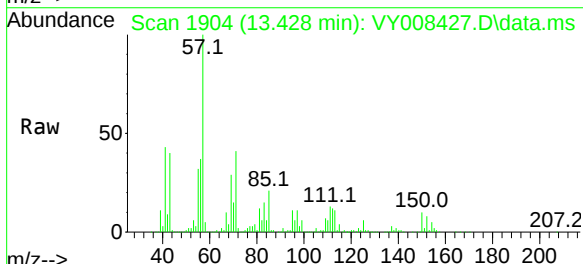
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

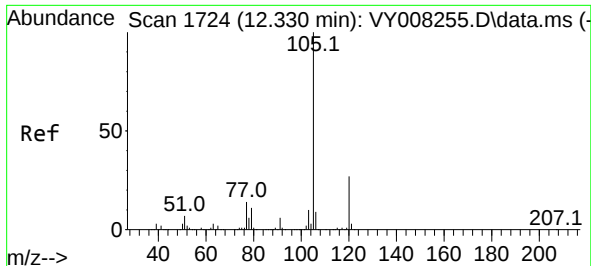
Tgt Ion:104 Resp: 10057
Ion Ratio Lower Upper
104 100
78 291.0 42.4 63.6#
103 264.2 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion:152 Resp: 34930
Ion Ratio Lower Upper
152 100
115 26.3 28.2 84.7#
150 69.7 0.0 347.6

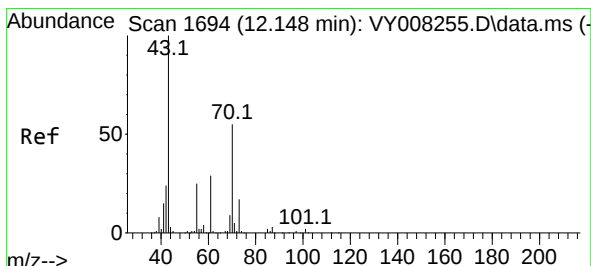
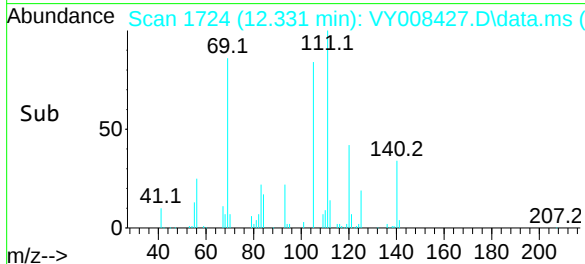
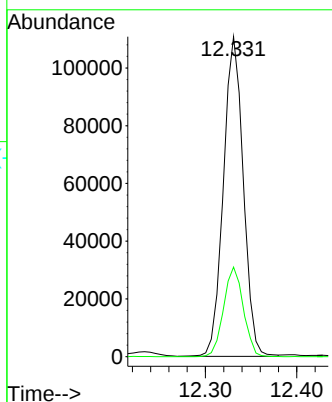
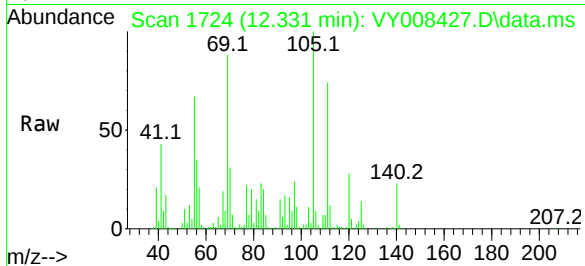




#73
Isopropylbenzene
Concen: 64.508 ug/l
RT: 12.331 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

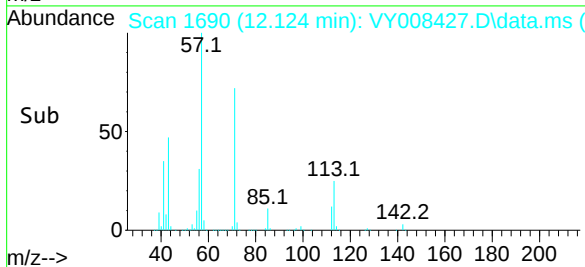
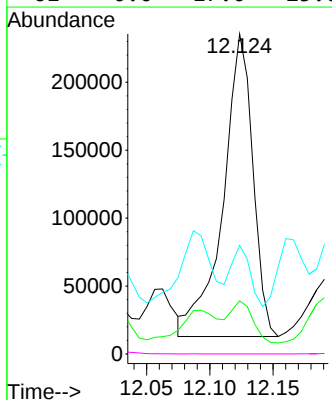
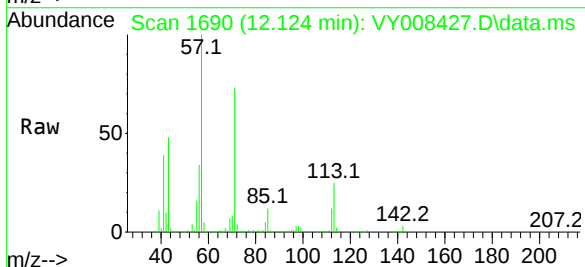
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

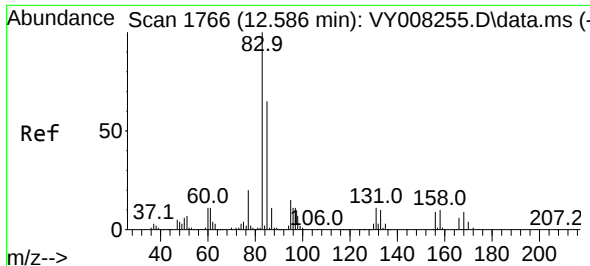
Tgt Ion:105 Resp: 167527
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2



#74
N-ethyl acetate
Concen: 646.808 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 43 Resp: 364684
Ion Ratio Lower Upper
43 100
70 10.0 28.7 43.1#
55 12.2 17.3 25.9#
61 0.0 17.0 25.6#

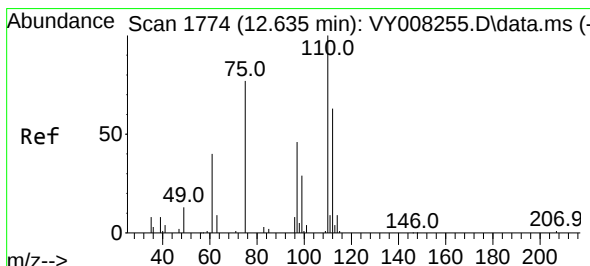
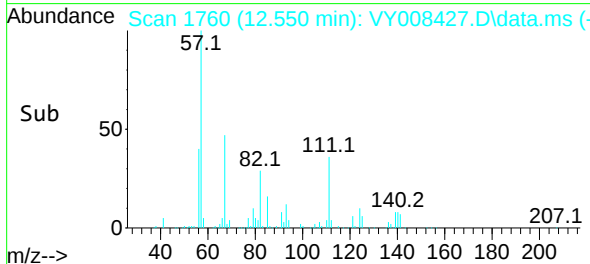
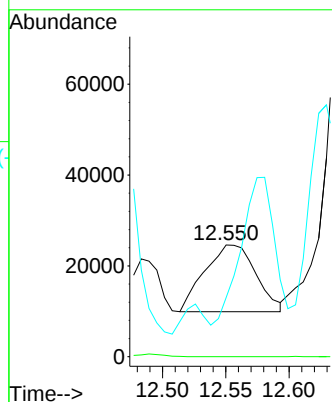
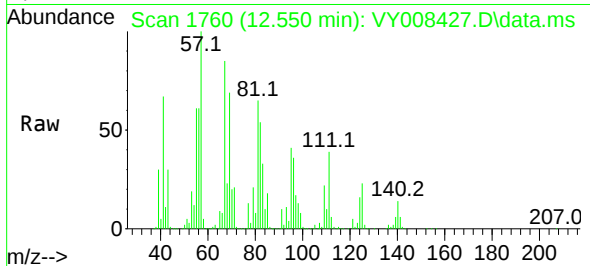




#75
 1,1,2,2-Tetrachloroethane
 Concen: 75.390 ug/l
 RT: 12.550 min Scan# 1760
 Delta R.T. -0.036 min
 Lab File: VY008427.D
 Acq: 20 Apr 2022 18:38

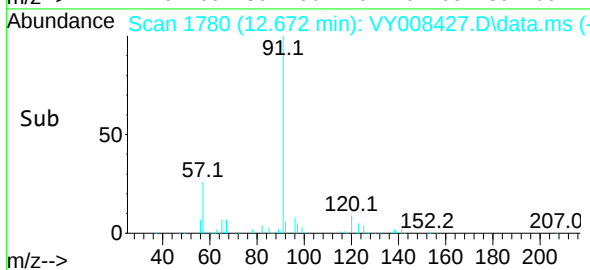
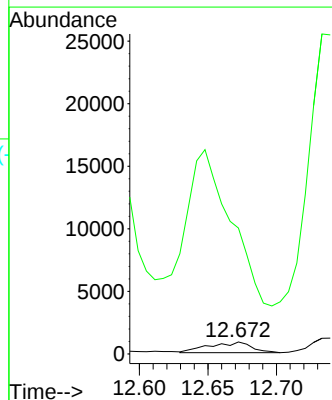
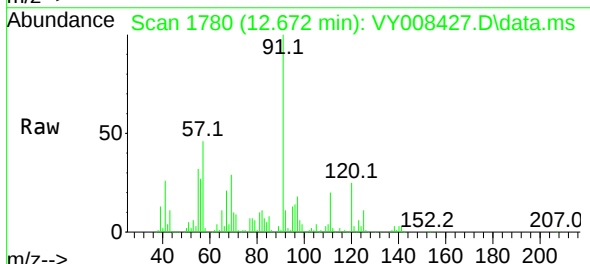
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-2

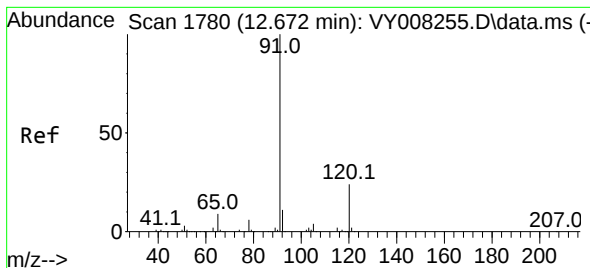
Tgt Ion: 83 Resp: 41428
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 4.773 ug/l
 RT: 12.672 min Scan# 1780
 Delta R.T. 0.037 min
 Lab File: VY008427.D
 Acq: 20 Apr 2022 18:38

Tgt Ion: 75 Resp: 1844
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 71.255 ug/l

RT: 12.672 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

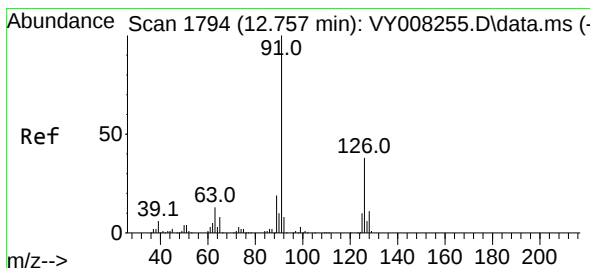
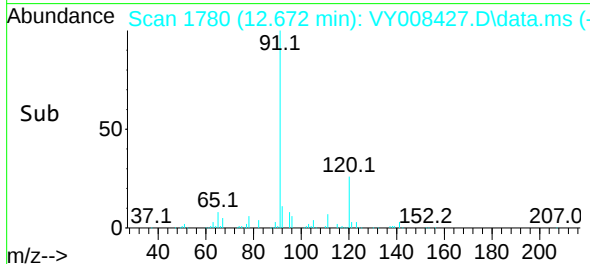
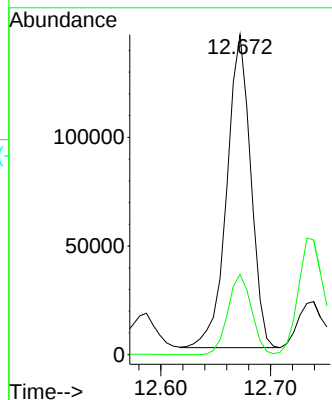
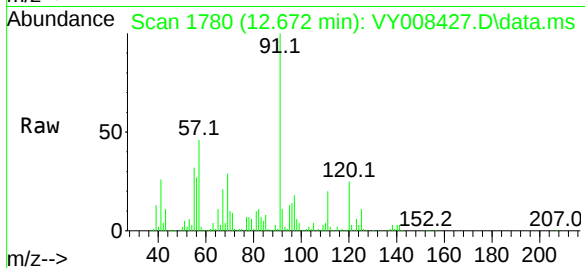
WC-15-1-2

Tgt Ion: 91 Resp: 218357

Ion Ratio Lower Upper

91 100

120 25.3 11.3 33.9



#79

2-Chlorotoluene

Concen: 34.296 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.055 min

Lab File: VY008427.D

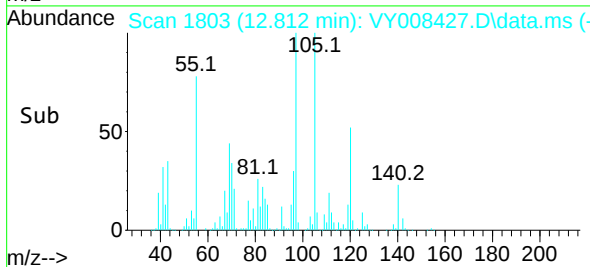
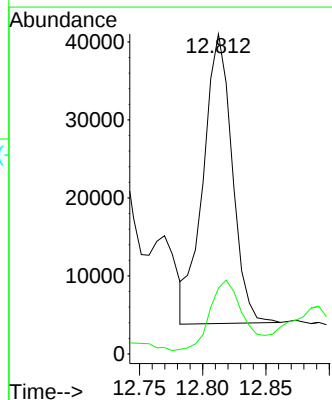
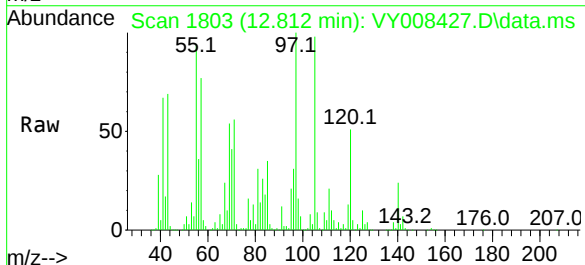
Acq: 20 Apr 2022 18:38

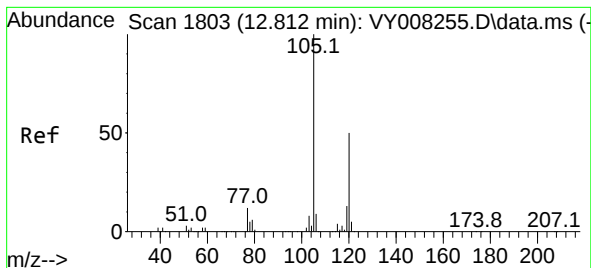
Tgt Ion: 91 Resp: 58982

Ion Ratio Lower Upper

91 100

126 28.3 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 218.869 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

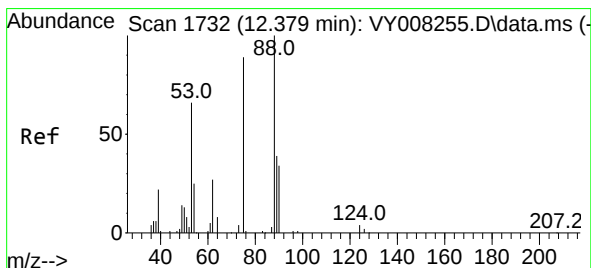
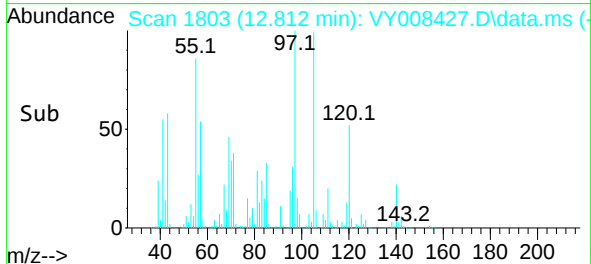
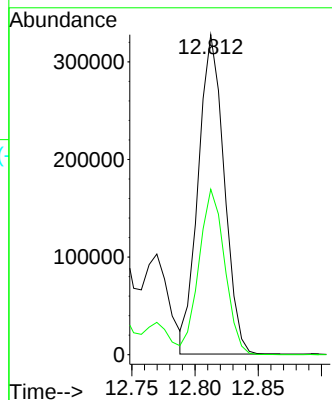
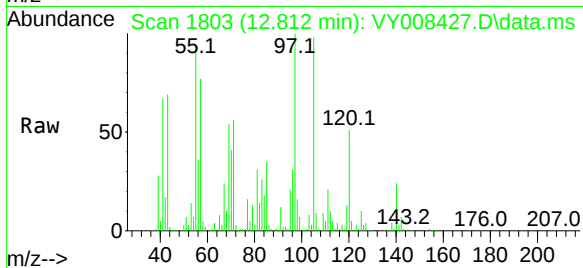
WC-15-1-2

Tgt Ion:105 Resp: 466081

Ion Ratio Lower Upper

105 100

120 51.6 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 10.541 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.048 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

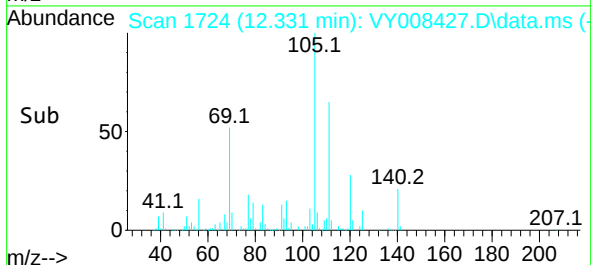
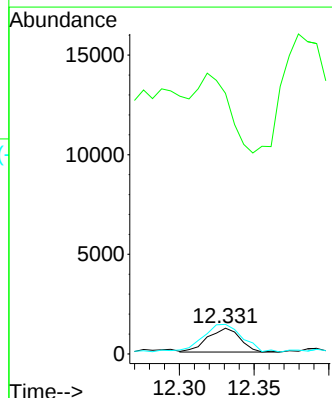
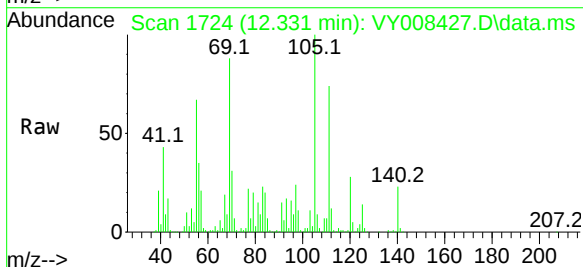
Tgt Ion: 75 Resp: 1820

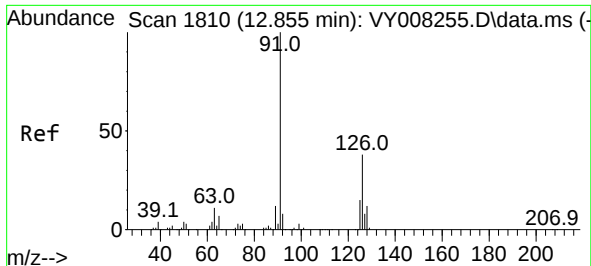
Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 146.9 37.0 55.4#

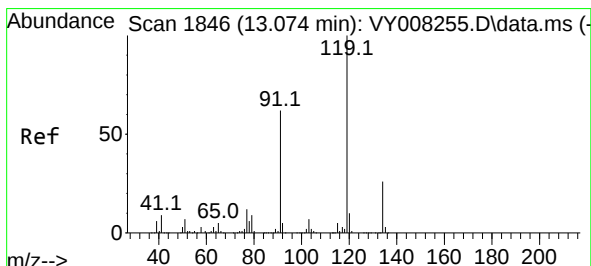
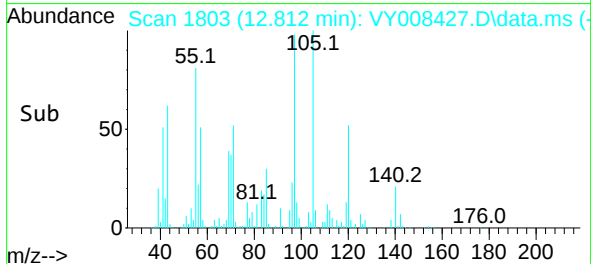
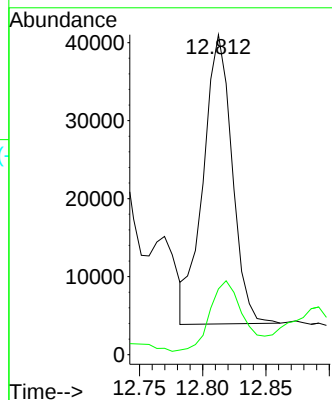
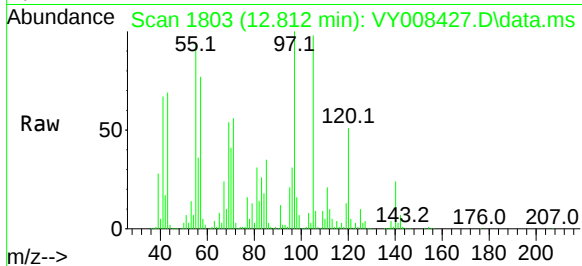




#82
4-Chlorotoluene
Concen: 33.292 ug/l
RT: 12.812 min Scan# 1810
Delta R.T. -0.043 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

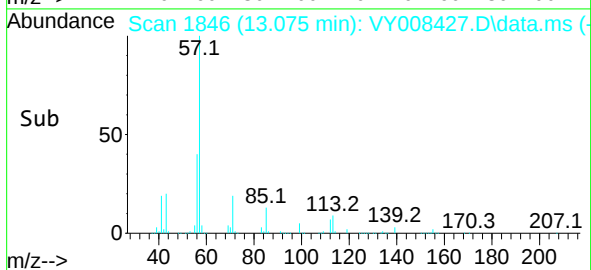
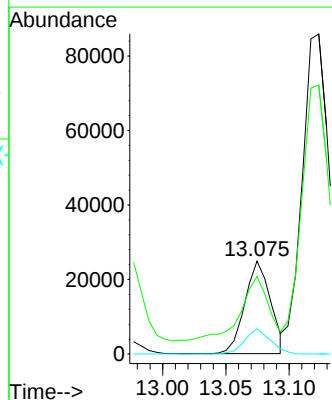
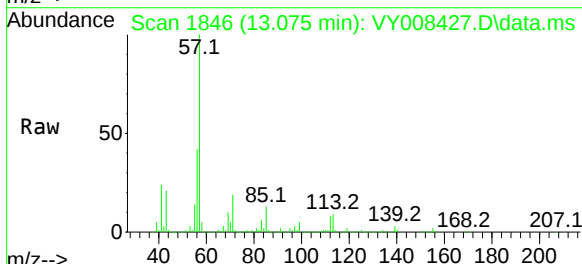
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

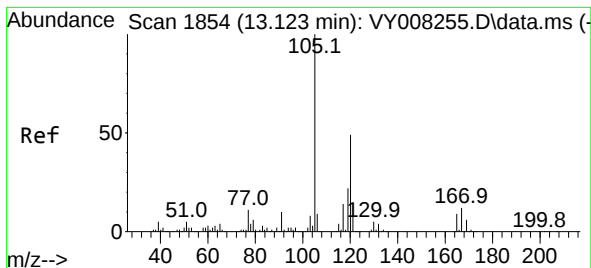
Tgt Ion: 91 Resp: 58839
Ion Ratio Lower Upper
91 100
126 28.4 17.0 51.0



#83
tert-Butylbenzene
Concen: 18.432 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion: 119 Resp: 35212
Ion Ratio Lower Upper
119 100
91 75.8 34.8 104.4
134 27.1 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 484.777 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

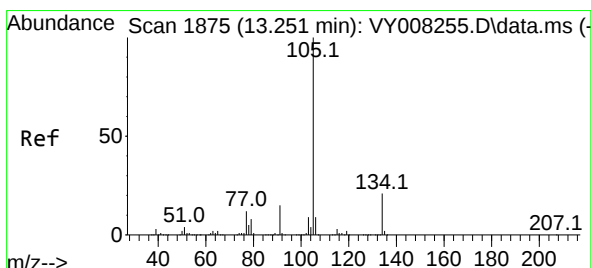
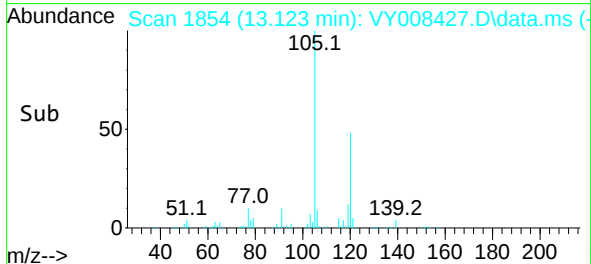
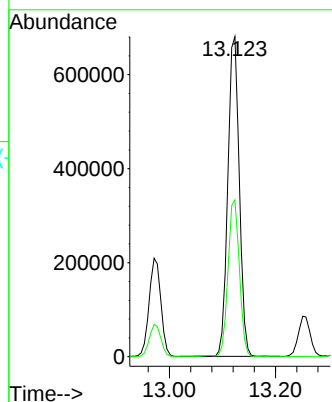
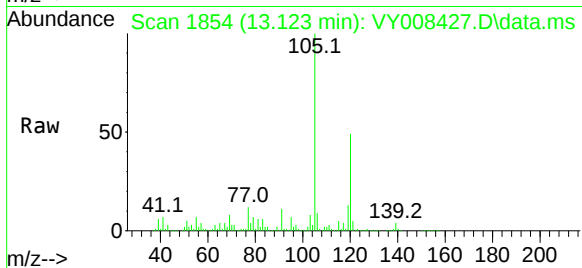
WC-15-1-2

Tgt Ion:105 Resp: 1021632

Ion Ratio Lower Upper

105 100

120 49.2 22.3 66.9



#85

sec-Butylbenzene

Concen: 46.836 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008427.D

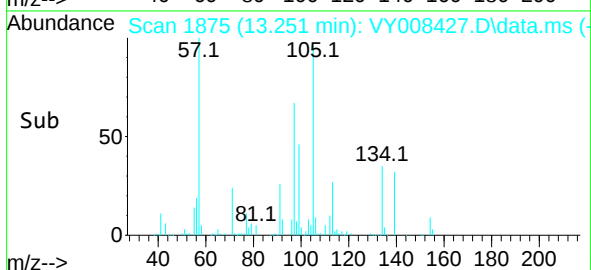
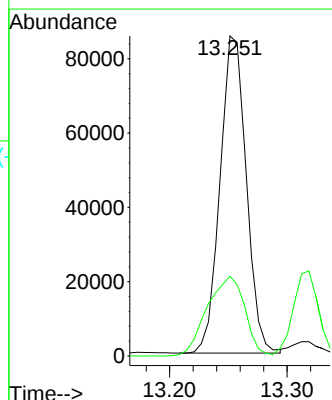
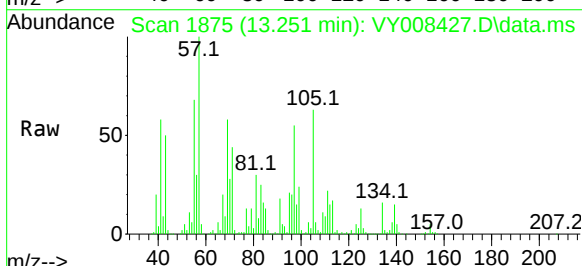
Acq: 20 Apr 2022 18:38

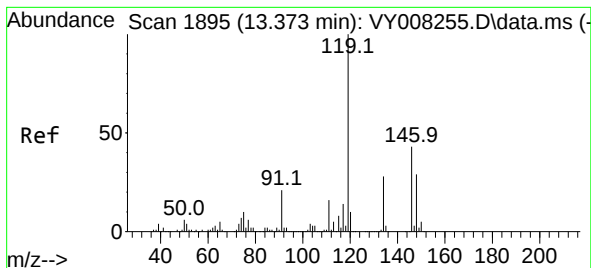
Tgt Ion:105 Resp: 132650

Ion Ratio Lower Upper

105 100

134 35.9 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 103.908 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-2

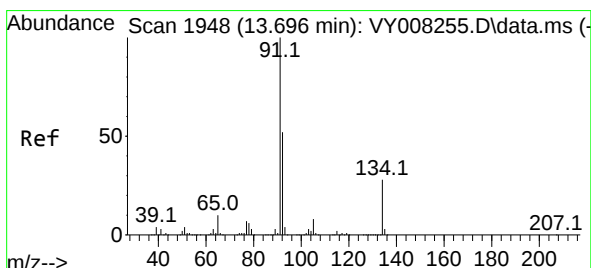
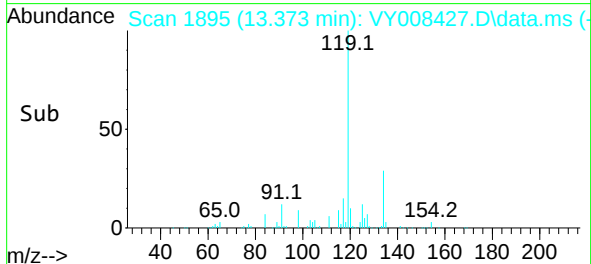
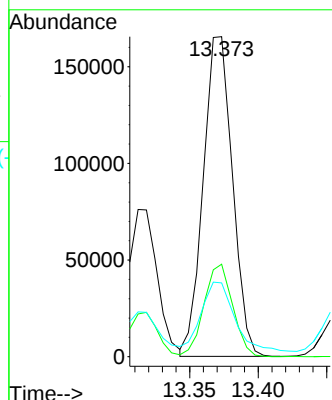
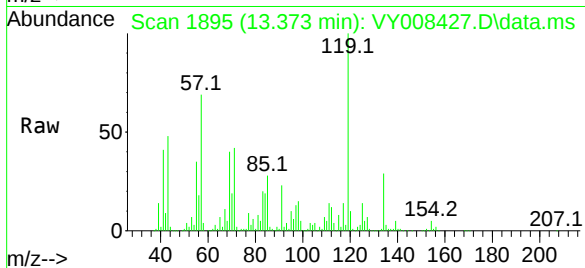
Tgt Ion:119 Resp: 245582

Ion Ratio Lower Upper

119 100

134 28.3 13.2 39.5

91 24.4 12.4 37.2



#89

n-Butylbenzene

Concen: 33.000 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

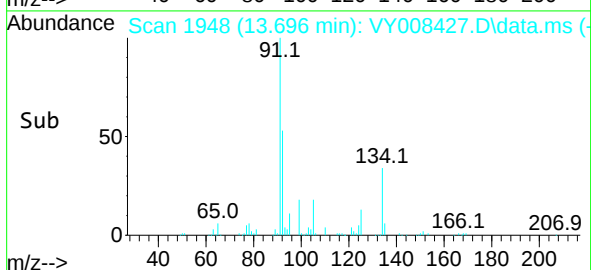
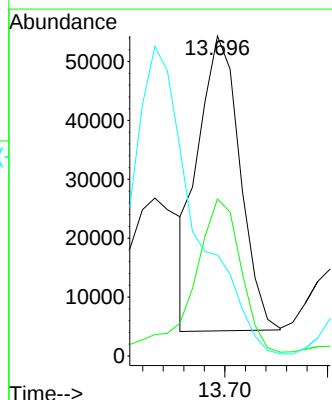
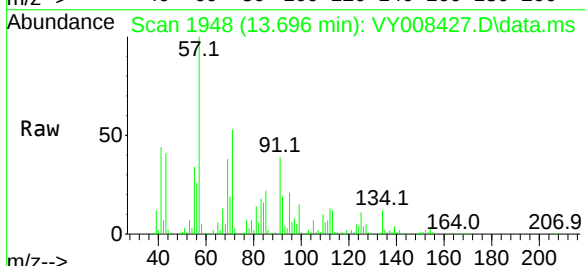
Tgt Ion: 91 Resp: 70467

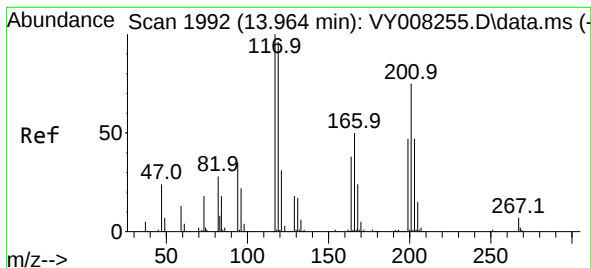
Ion Ratio Lower Upper

91 100

92 59.3 26.3 78.9

134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 39.501 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.007 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

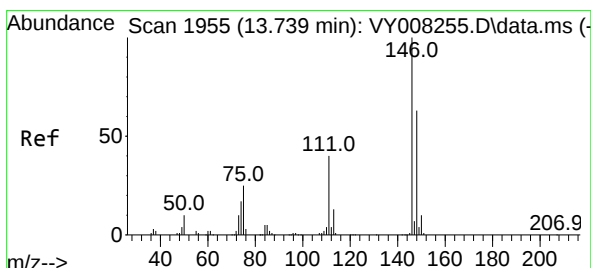
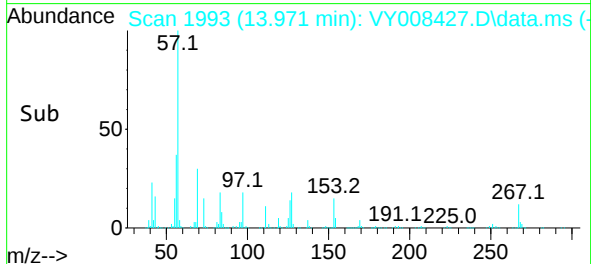
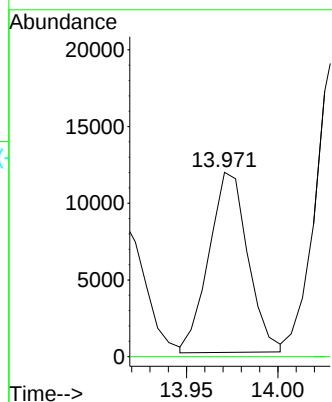
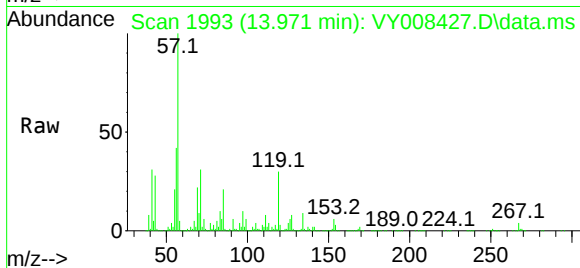
WC-15-1-2

Tgt Ion:117 Resp: 17449

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#91

1,2-Dichlorobenzene

Concen: 1.967 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

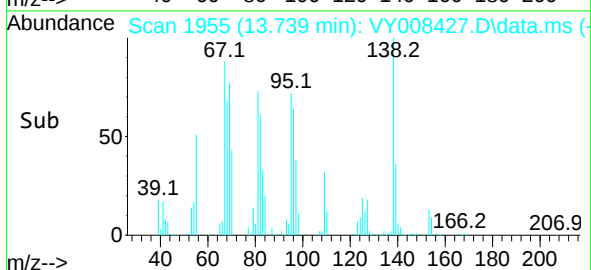
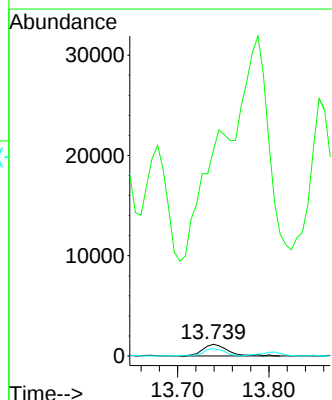
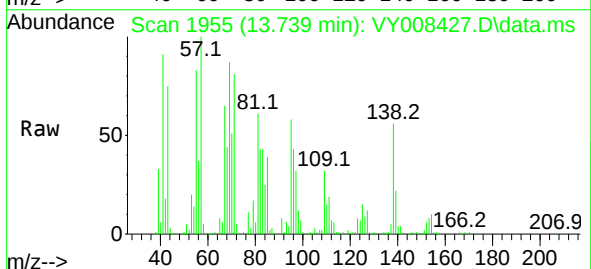
Tgt Ion:146 Resp: 2206

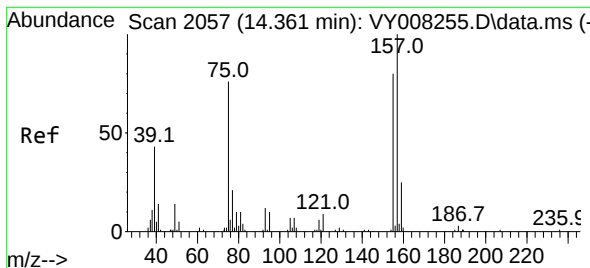
Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.9#

148 55.0 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 8.751 ug/l

RT: 14.337 min Scan# 2053

Delta R.T. -0.024 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-2

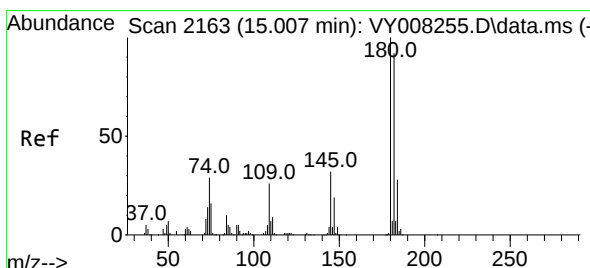
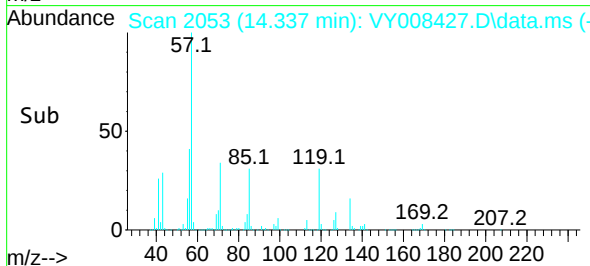
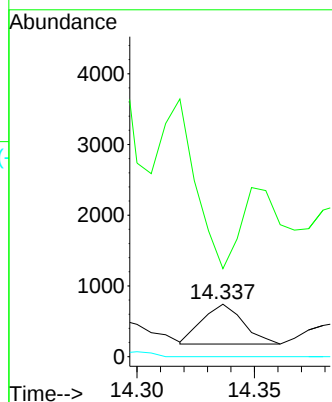
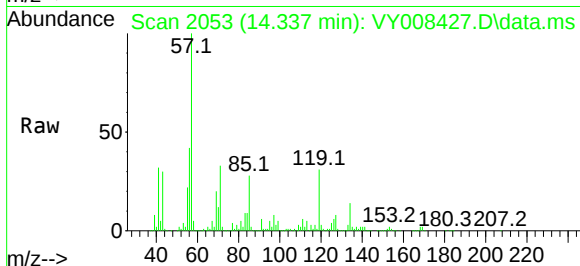
Tgt Ion: 75 Resp: 688

Ion Ratio Lower Upper

75 100

155 204.4 38.0 113.9#

157 0.0 47.8 143.3#



#93

1,2,4-Trichlorobenzene

Concen: 1.150 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008427.D

Acq: 20 Apr 2022 18:38

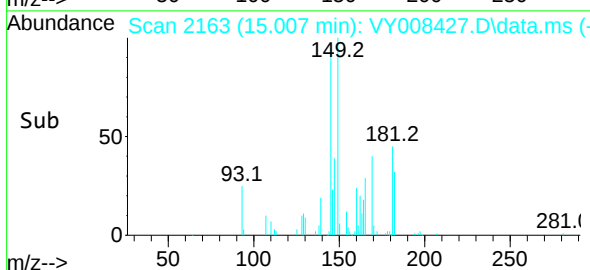
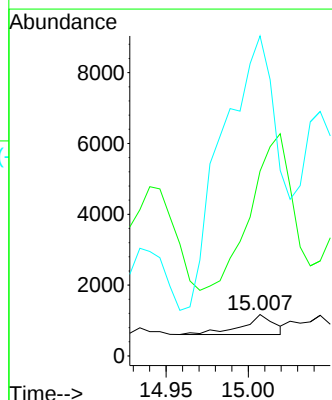
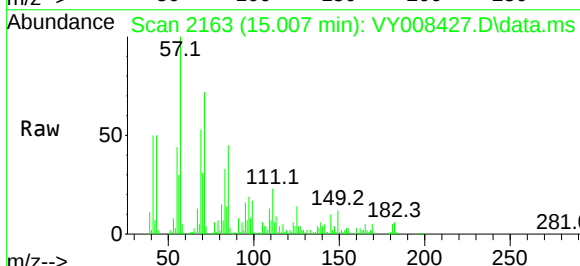
Tgt Ion: 180 Resp: 763

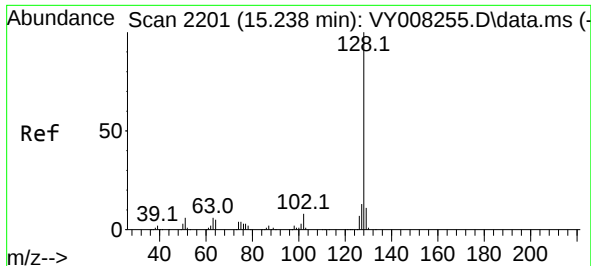
Ion Ratio Lower Upper

180 100

182 1028.2 47.3 141.9#

145 3024.8 14.6 43.8#

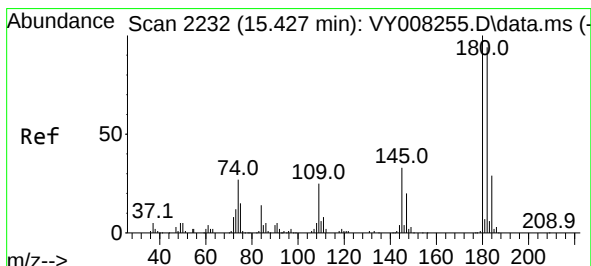
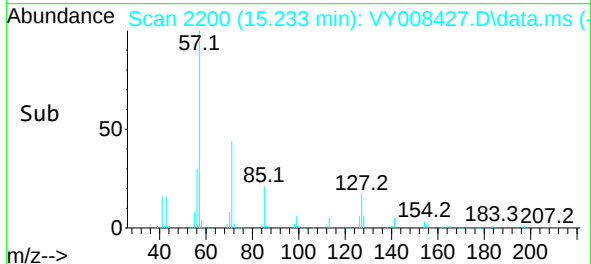
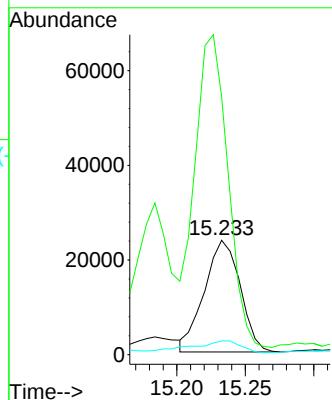
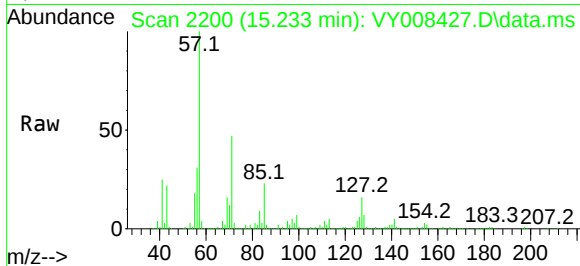




#95
Naphthalene
Concen: 30.274 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.005 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-2

Tgt Ion:128 Resp: 43009
Ion Ratio Lower Upper
128 100
127 254.9 11.0 16.4#
129 14.5 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 5.800 ug/l
RT: 15.391 min Scan# 2226
Delta R.T. -0.036 min
Lab File: VY008427.D
Acq: 20 Apr 2022 18:38

Tgt Ion:180 Resp: 3366
Ion Ratio Lower Upper
180 100
182 214.4 47.3 141.9#
145 501.8 15.3 45.9#

