

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008428.D
 Acq On : 20 Apr 2022 19:02
 Operator : KP/MD
 Sample : N2452-05
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-3

Quant Time: Apr 21 02:41:43 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	102398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	110909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.319	152	61388	50.000	ug/l	-0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49367	51.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.660%	
35) Dibromofluoromethane	7.716	113	52438	54.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.240%	
50) Toluene-d8	10.179	98	312171	94.155	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 188.300%#	
62) 4-Bromofluorobenzene	12.477	95	142182	114.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 228.040%#	

Target Compounds			Qvalue			
3) Chloromethane	2.107	50	175	Below Cal	#	44
5) Bromomethane	2.656	94	139	Below Cal	#	78
11) Tert butyl alcohol	4.948	59	230	2.237	ug/l #	77
13) Acrolein	3.698	56	717	8.855	ug/l #	1
14) Allyl chloride	4.564	41	2938	2.229	ug/l #	73
15) Acrylonitrile	5.253	53	3019	9.840	ug/l #	40
16) Acetone	3.948	43	28935	125.072	ug/l	93
17) Carbon Disulfide	4.192	76	8456	3.174	ug/l	99
18) Methyl Acetate	4.564	43	1641	Below Cal	#	56
20) Methylene Chloride	4.710	84	3072	Below Cal	#	63
25) 2-Butanone	6.990	43	14332	39.619	ug/l #	84
29) Tetrahydrofuran	7.362	42	452	1.935	ug/l #	42
30) Chloroform	7.460	83	4365	1.958	ug/l #	18
31) Cyclohexane	7.783	56	181047	104.091	ug/l	88
36) 1,1-Dichloropropene	7.783	75	7972	5.152	ug/l #	75
37) Ethyl Acetate	6.990	43	14332	17.964	ug/l #	72
38) Carbon Tetrachloride	7.789	117	9968	5.988	ug/l #	15
39) Methylcyclohexane	9.185	83	1140680	572.981	ug/l #	81
40) Benzene	8.161	78	20821	4.519	ug/l	96
41) Methacrylonitrile	7.362	41	1553	3.480	ug/l #	23
43) Isopropyl Acetate	8.265	43	34948	23.603	ug/l #	57
45) 1,2-Dichloropropane	9.185	63	9848	8.749	ug/l #	1
47) Bromodichloromethane	9.478	83	25009	14.928	ug/l #	27
48) Methyl methacrylate	9.240	41	38336	60.906	ug/l #	39
51) 4-Methyl-2-Pentanone	10.179	43	48777	63.798	ug/l #	48
52) Toluene	10.246	92	38571	12.706	ug/l	98
55) 1,1,2-Trichloroethane	10.618	97	376649	354.442	ug/l #	19
56) Ethyl methacrylate	10.520	69	139756	107.270	ug/l #	63
58) 2-Chloroethyl Vinyl ether	9.764	63	995	1.939	ug/l #	52
59) 2-Hexanone	10.801	43	394406	749.697	ug/l #	34
60) Dibromochloromethane	10.904	129	1973	1.589	ug/l #	50
61) 1,2-Dibromoethane	11.093	107	1510	1.453	ug/l #	3
65) Chlorobenzene	11.416	112	6446	2.680	ug/l #	42
67) Ethyl Benzene	11.593	91	190213	46.504	ug/l	94
68) m/p-Xylenes	11.697	106	208718	128.306	ug/l	92
69) o-Xylene	12.026	106	542068	343.384	ug/l	88

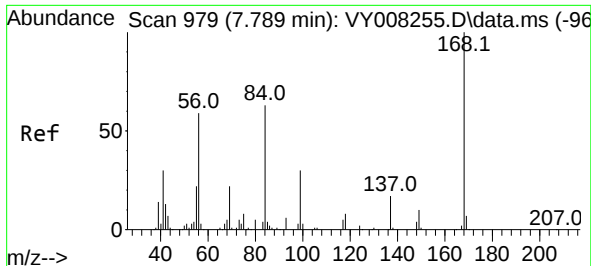
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
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 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
70) Styrene	12.032	104	26489	10.175	ug/l	#	1
73) Isopropylbenzene	12.331	105	561401	123.004	ug/l		98
74) N-amyl acetate	12.124	43	861769	869.690	ug/l	#	70
75) 1,1,2,2-Tetrachloroethane	12.563	83	92085	95.351	ug/l	#	26
76) 1,2,3-Trichloropropane	12.672	75	6690	9.854	ug/l	#	100
78) n-propylbenzene	12.672	91	1080235	200.577	ug/l		93
79) 2-Chlorotoluene	12.733	91	117265	38.798	ug/l	#	51
80) 1,3,5-Trimethylbenzene	12.813	105	2769803	740.093	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.331	75	5649	18.617	ug/l	#	22
82) 4-Chlorotoluene	12.813	91	314662	101.306	ug/l	#	59
83) tert-Butylbenzene	13.075	119	72780	21.677	ug/l		89
84) 1,2,4-Trimethylbenzene	13.123	105	5455099	1472.873	ug/l		91
85) sec-Butylbenzene	13.258	105	560689	112.644	ug/l	#	62
86) p-Isopropyltoluene	13.373	119	471392	113.488	ug/l		98
89) n-Butylbenzene	13.696	91	305141	81.310	ug/l	#	76
90) Hexachloroethane	13.977	117	89136	114.816	ug/l	#	6
91) 1,2-Dichlorobenzene	13.745	146	8479	4.303	ug/l	#	1
92) 1,2-Dibromo-3-Chloropr...	14.385	75	3517	25.453	ug/l	#	31
93) 1,2,4-Trichlorobenzene	15.026	180	4481	3.844	ug/l	#	1
95) Naphthalene	15.239	128	230777	92.432	ug/l	#	23
96) 1,2,3-Trichlorobenzene	15.452	180	6268	6.145	ug/l	#	13

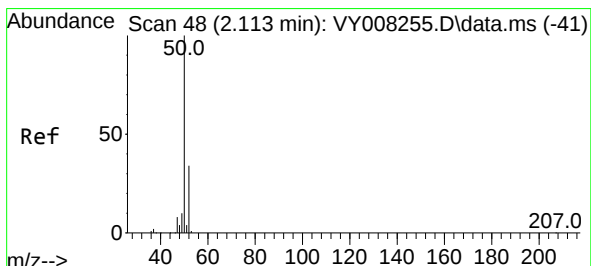
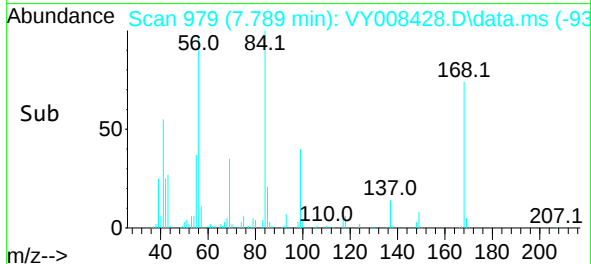
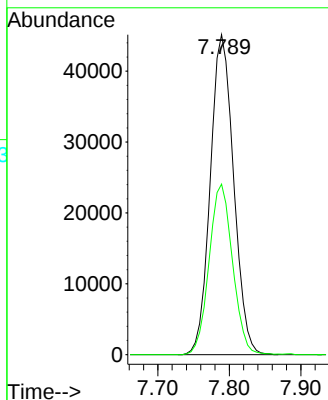
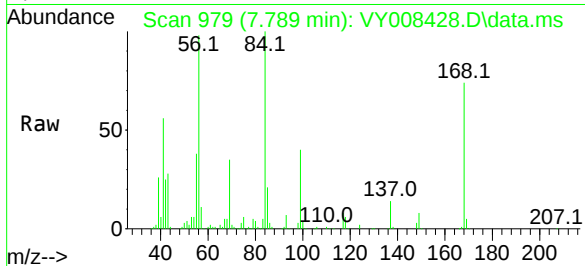
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

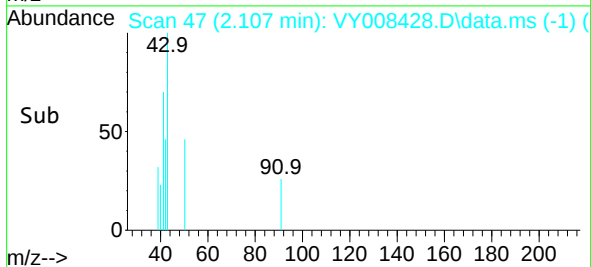
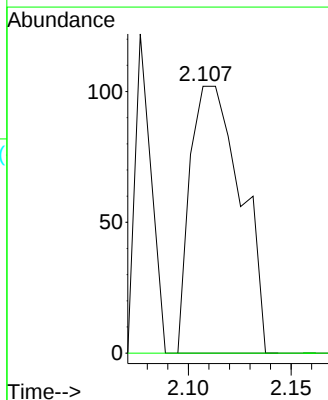
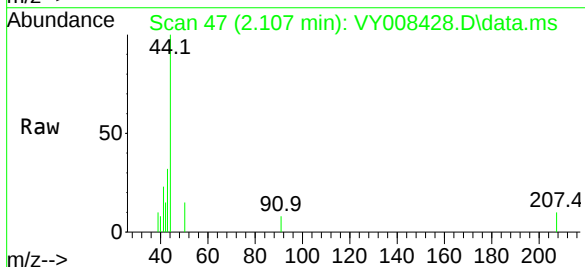
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

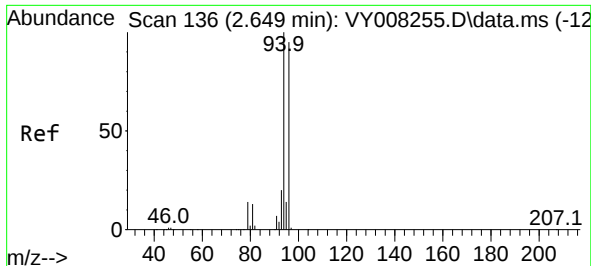
Tgt Ion:168 Resp: 102398
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 50 Resp: 175
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#5

Bromomethane

Concen: Below Cal

RT: 2.656 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

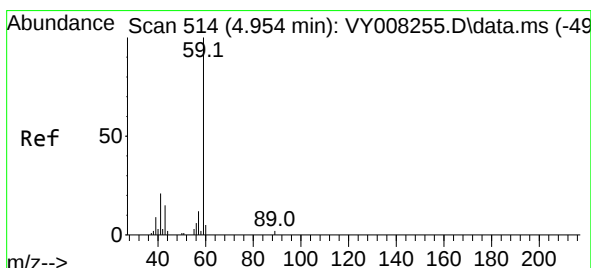
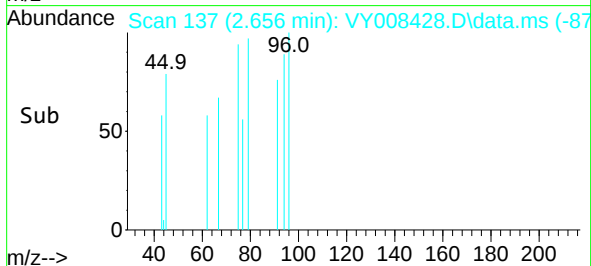
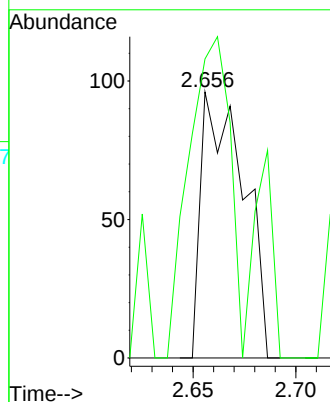
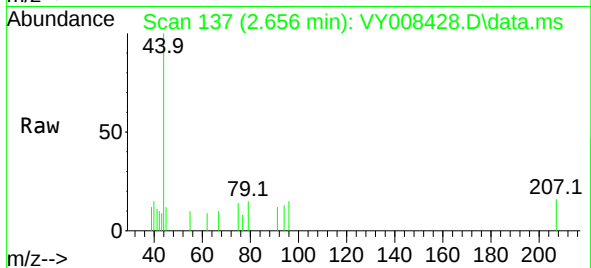
WC-15-1-3

Tgt Ion: 94 Resp: 139

Ion Ratio Lower Upper

94 100

96 112.5 73.5 110.3#



#11

Tert butyl alcohol

Concen: 2.237 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY008428.D

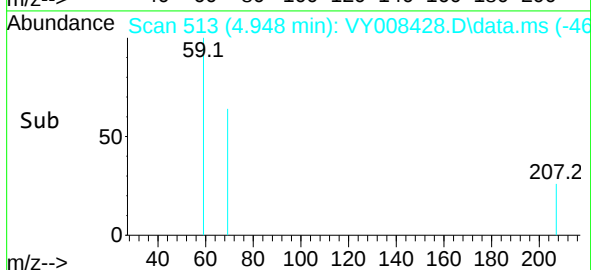
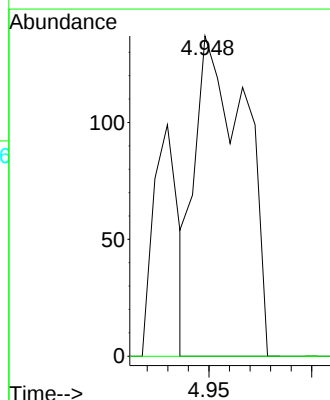
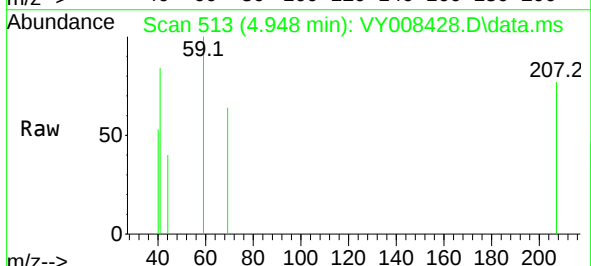
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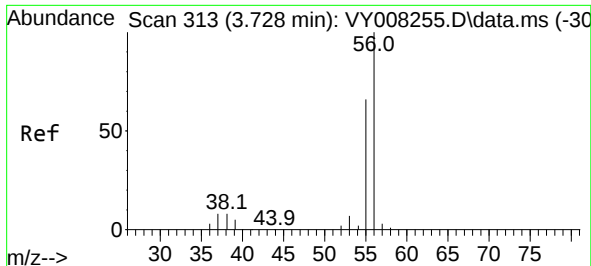
Tgt Ion: 59 Resp: 230

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#





#13

Acrolein

Concen: 8.855 ug/l

RT: 3.698 min Scan# 308

Delta R.T. -0.030 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

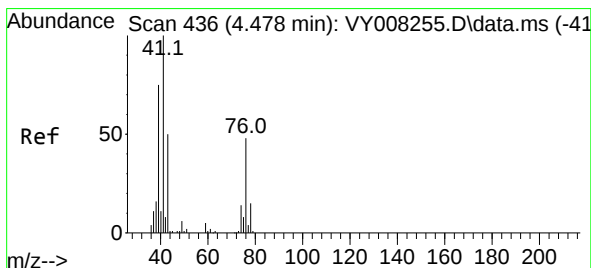
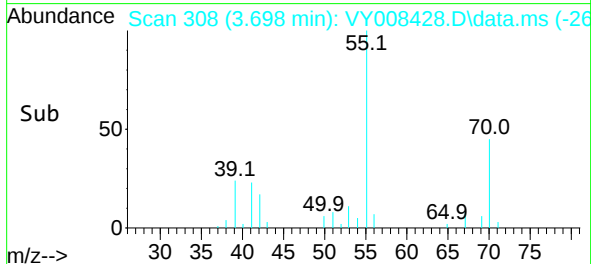
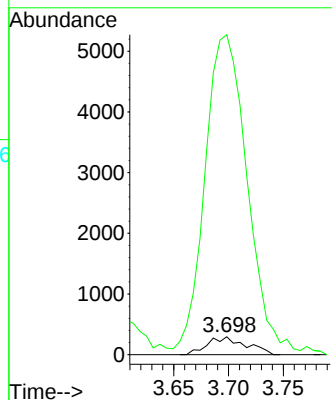
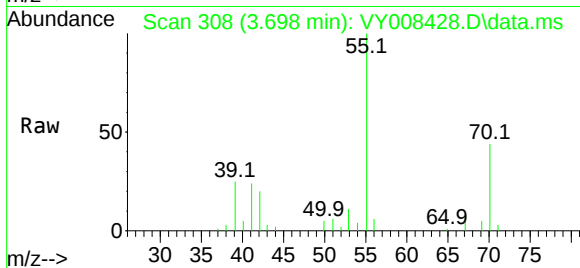
WC-15-1-3

Tgt Ion: 56 Resp: 717

Ion Ratio Lower Upper

56 100

55 1931.0 57.6 86.4#



#14

Allyl chloride

Concen: 2.229 ug/l

RT: 4.564 min Scan# 450

Delta R.T. 0.086 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

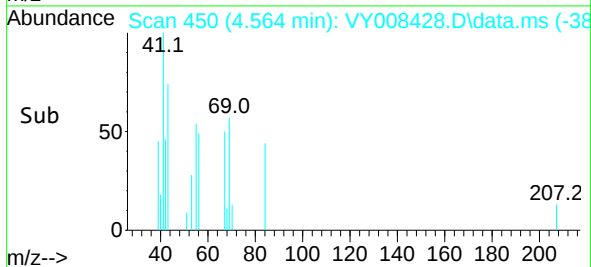
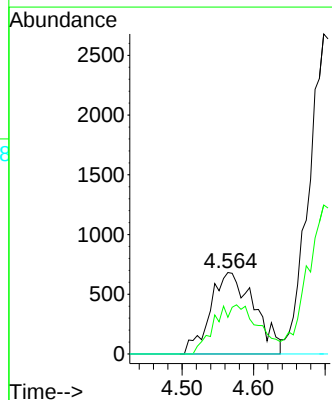
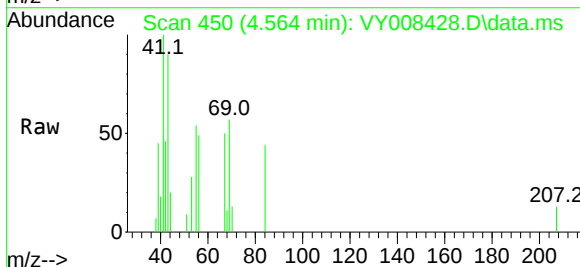
Tgt Ion: 41 Resp: 2938

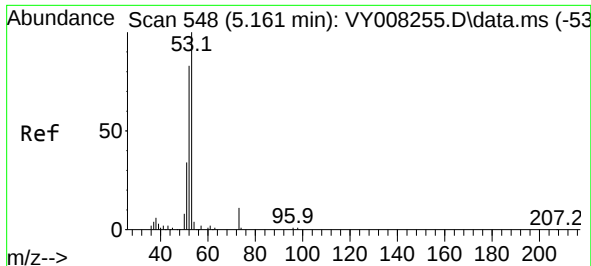
Ion Ratio Lower Upper

41 100

39 60.9 58.8 88.2

76 0.0 25.1 37.7#





#15

Acrylonitrile

Concen: 9.840 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.092 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-3

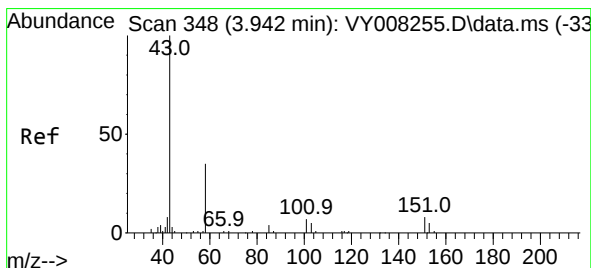
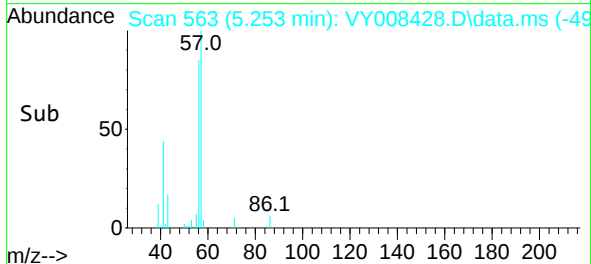
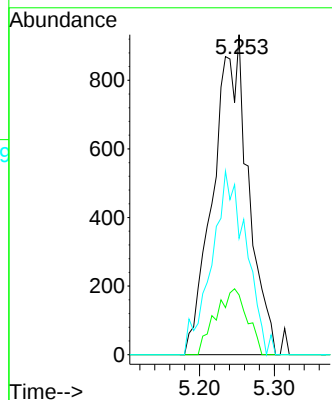
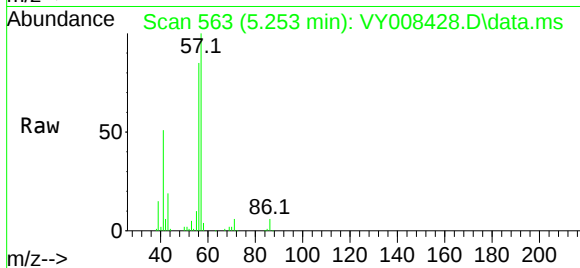
Tgt Ion: 53 Resp: 3019

Ion Ratio Lower Upper

53 100

52 18.6 67.0 100.4#

51 57.1 29.8 44.6#



#16

Acetone

Concen: 125.072 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY008428.D

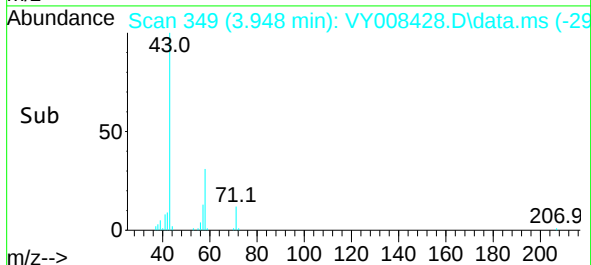
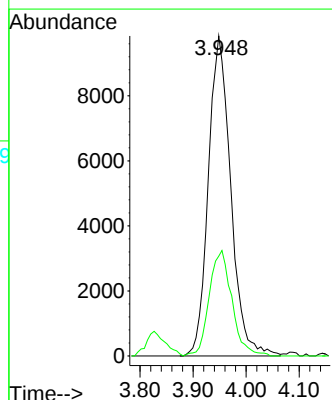
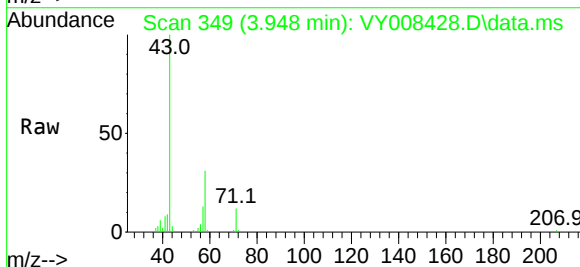
Acq: 20 Apr 2022 19:02

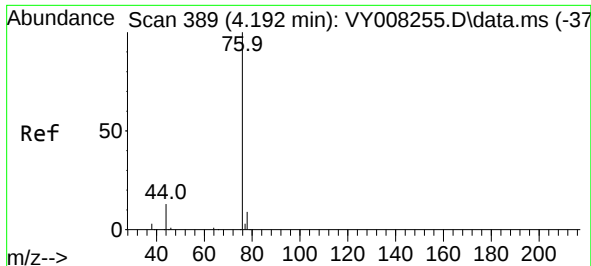
Tgt Ion: 43 Resp: 28935

Ion Ratio Lower Upper

43 100

58 31.2 22.0 33.0

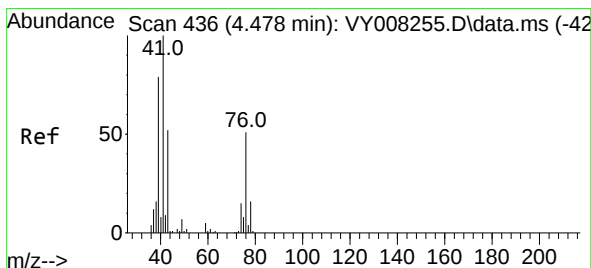
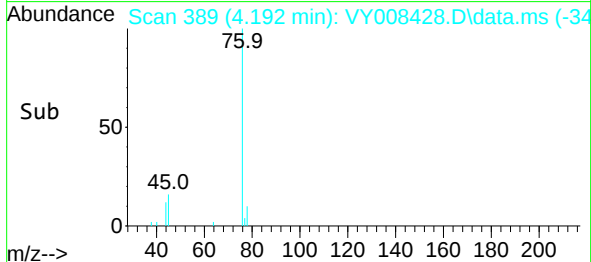
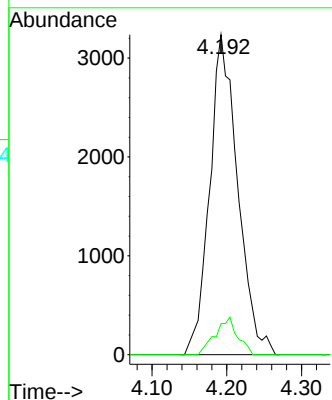
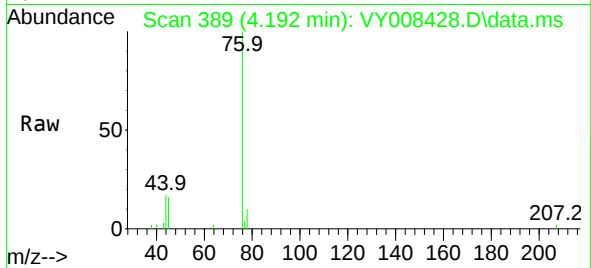




#17
Carbon Disulfide
Concen: 3.174 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

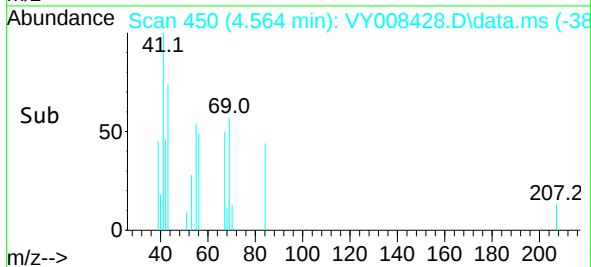
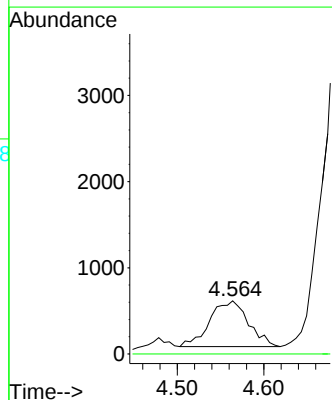
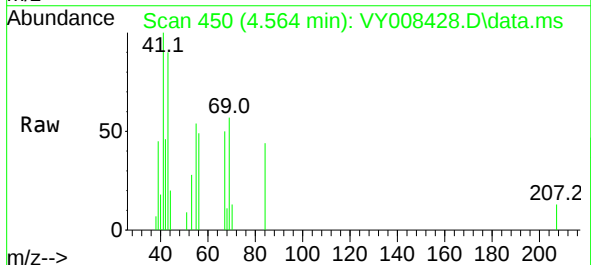
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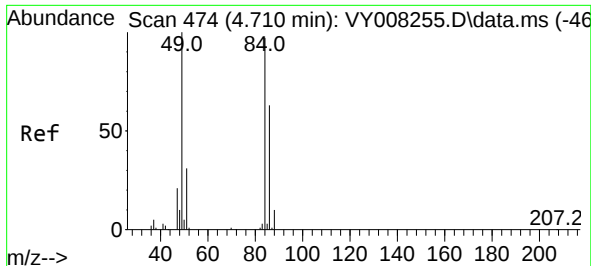
Tgt Ion: 76 Resp: 8456
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.564 min Scan# 450
Delta R.T. 0.086 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 43 Resp: 1641
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

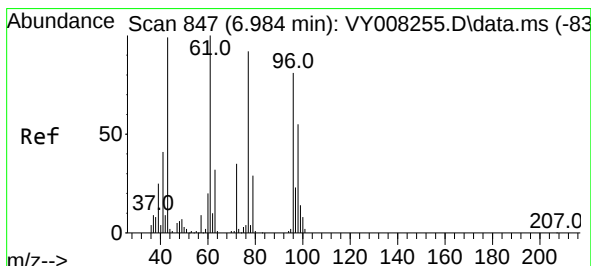
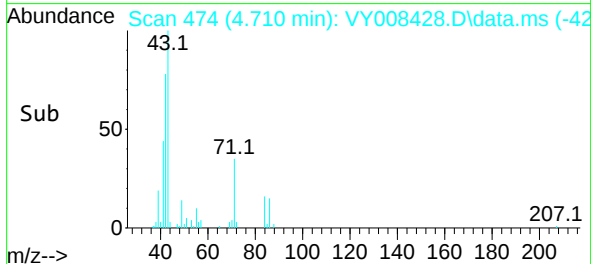
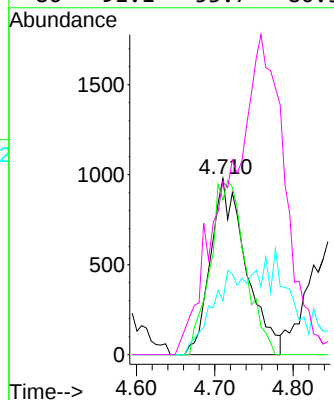
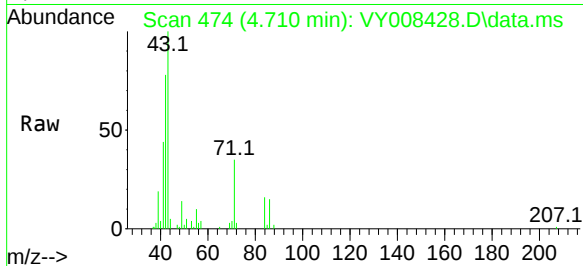




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

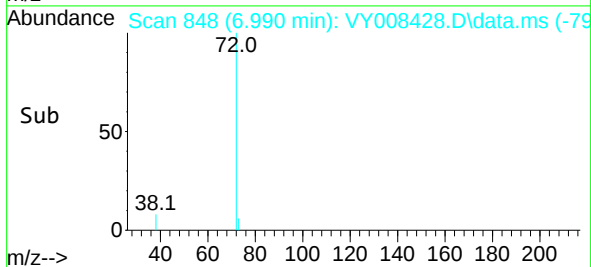
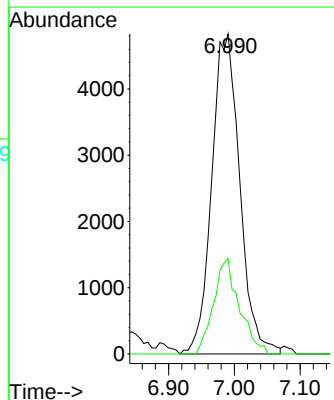
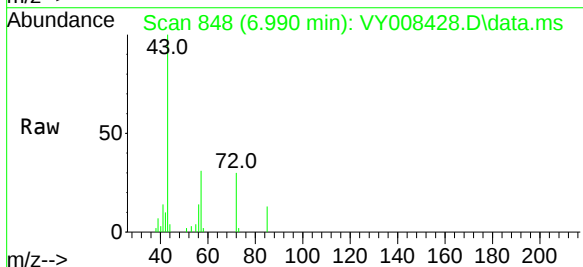
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

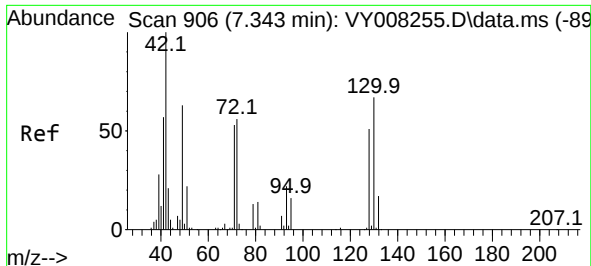
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Ion Ratio Lower Upper
84 100
49 87.8 114.4 171.6#
51 30.6 35.3 52.9#
86 91.1 53.7 80.5#



#25
2-Butanone
Concen: 39.619 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 43 Resp: 14332
Ion Ratio Lower Upper
43 100
72 29.9 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.935 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.019 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-3

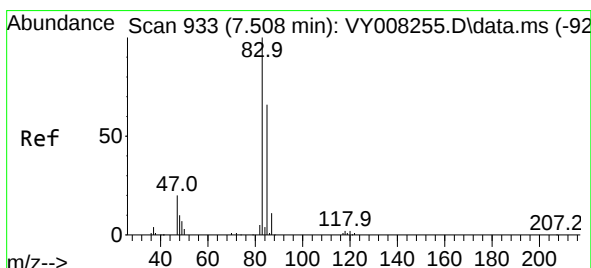
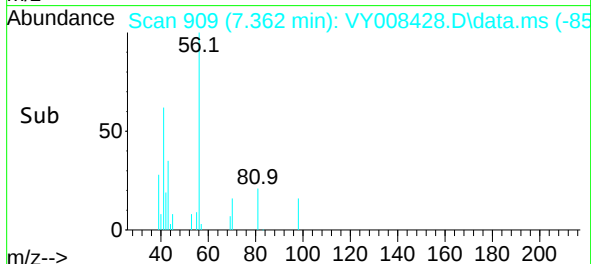
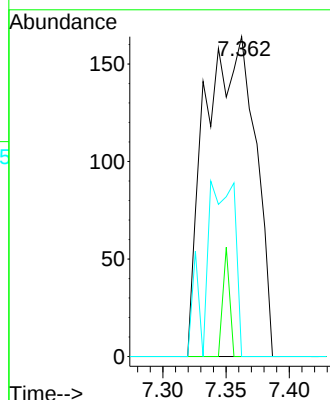
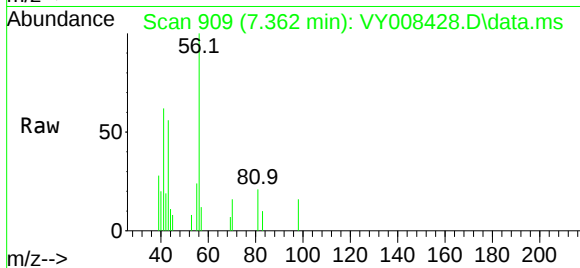
Tgt Ion: 42 Resp: 452

Ion Ratio Lower Upper

42 100

72 4.4 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 1.958 ug/l

RT: 7.460 min Scan# 925

Delta R.T. -0.048 min

Lab File: VY008428.D

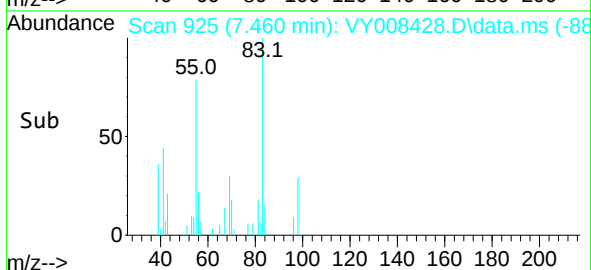
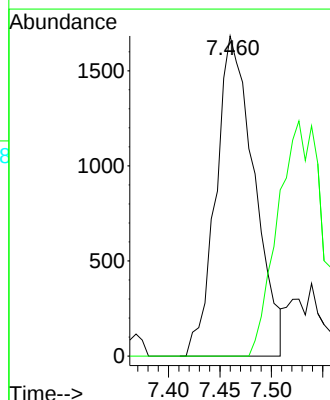
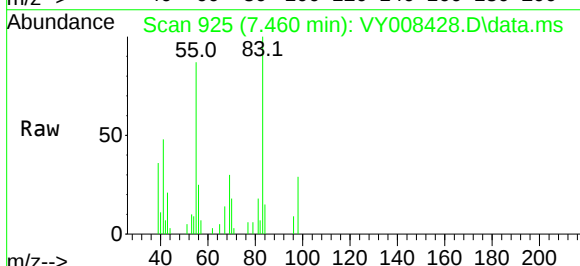
Acq: 20 Apr 2022 19:02

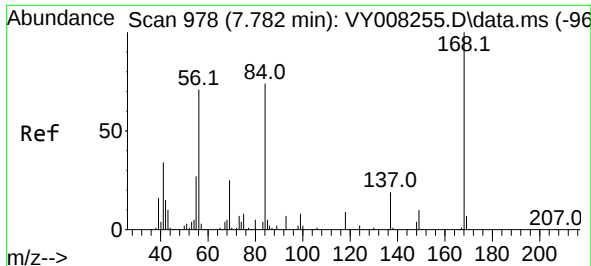
Tgt Ion: 83 Resp: 4365

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#

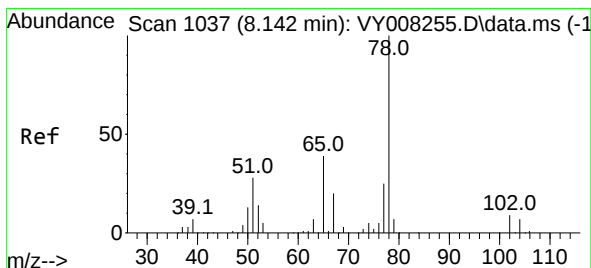
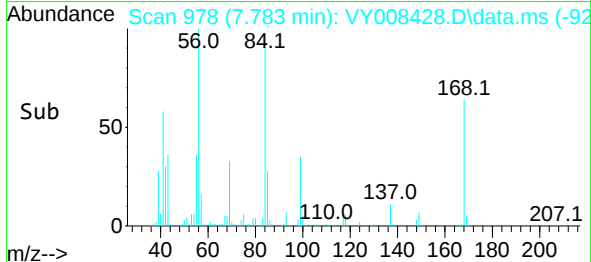
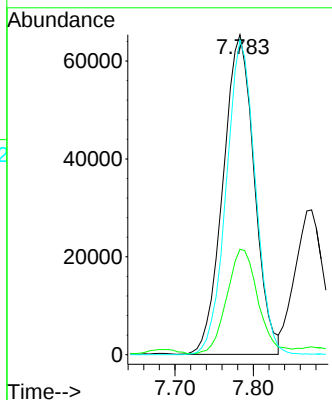
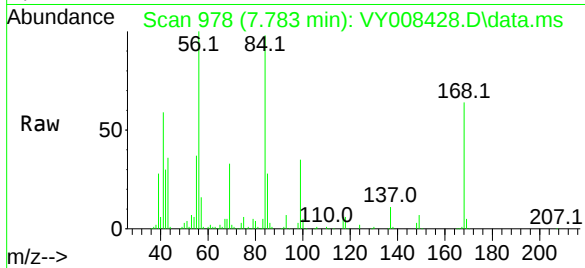




#31
Cyclohexane
Concen: 104.091 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

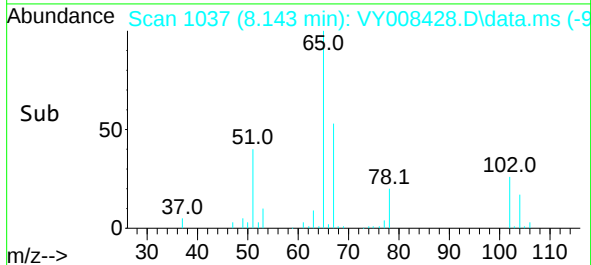
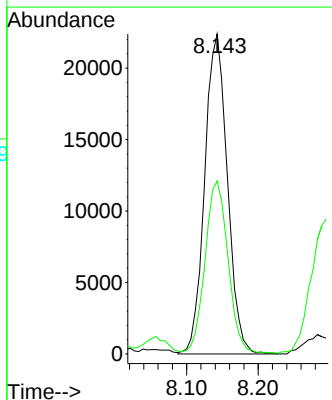
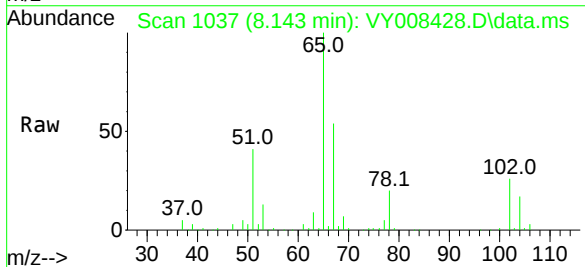
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

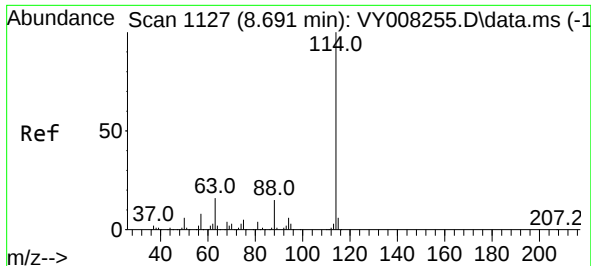
Tgt Ion: 56 Resp: 181047
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 98.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 51.325 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 65 Resp: 49367
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

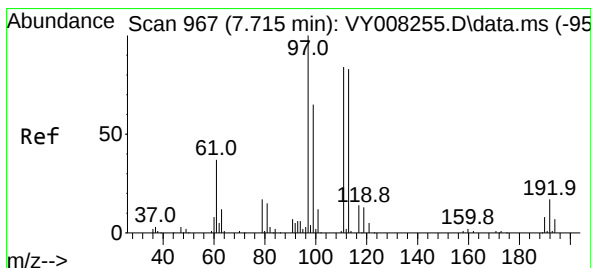
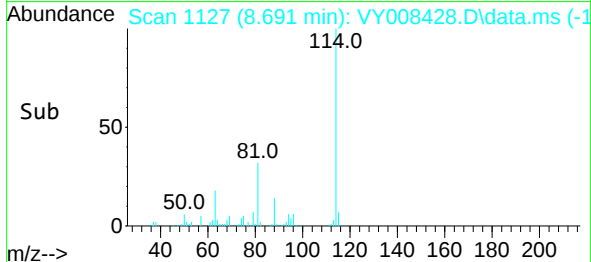
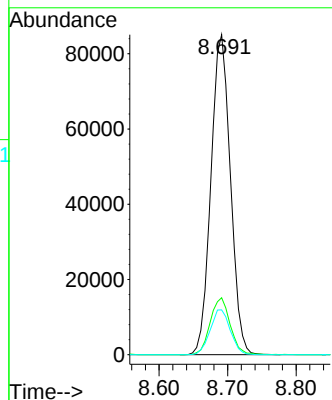
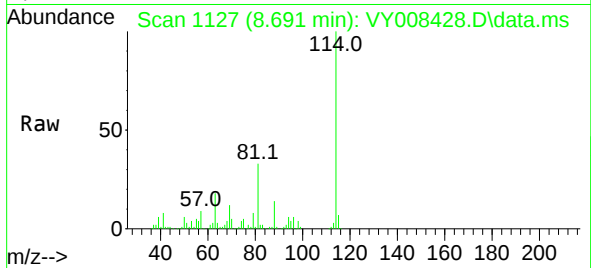




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

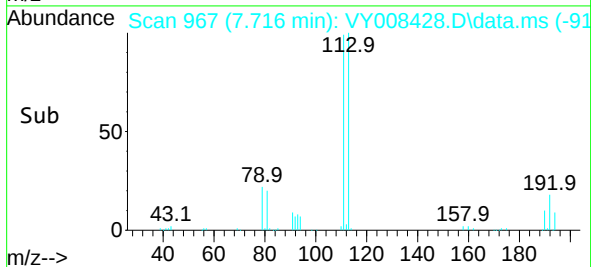
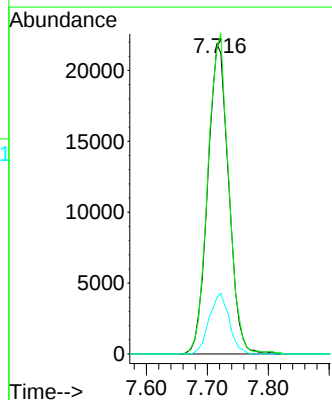
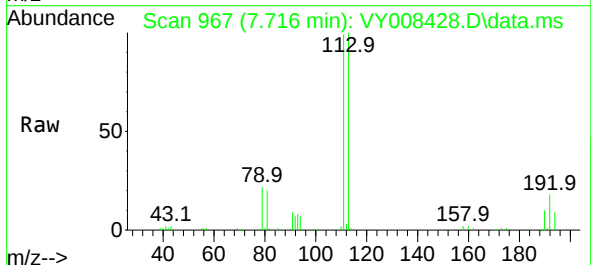
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

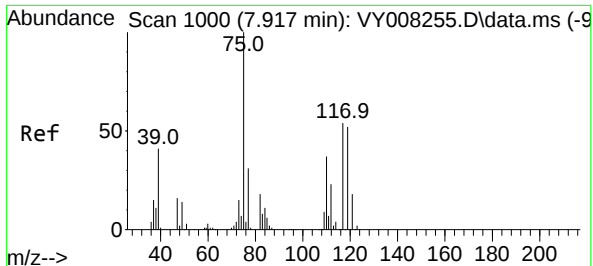
Tgt Ion:114 Resp: 167757
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.119 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion:113 Resp: 52438
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 18.7 17.6 26.4

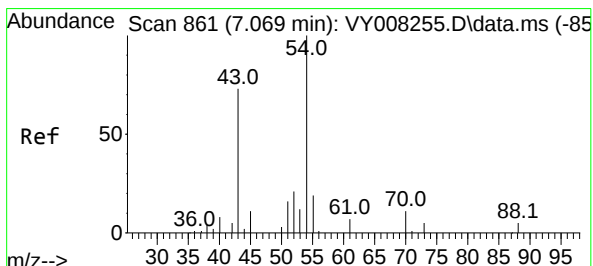
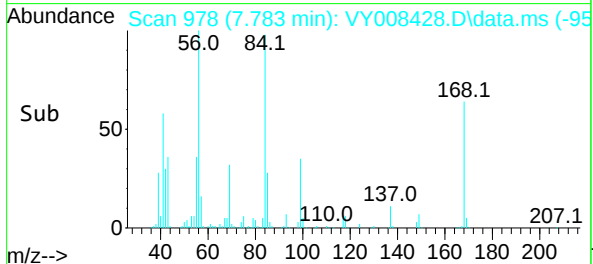
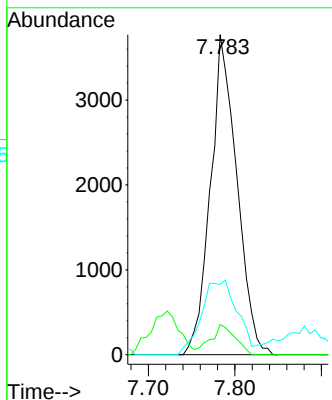
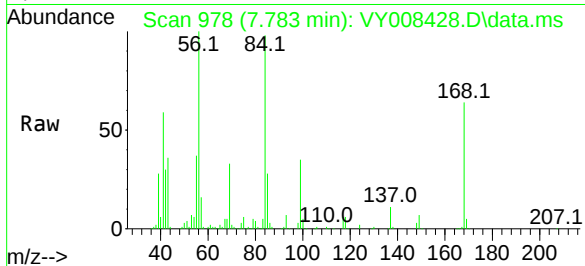




#36
 1,1-Dichloropropene
 Concen: 5.152 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY008428.D
 Acq: 20 Apr 2022 19:02

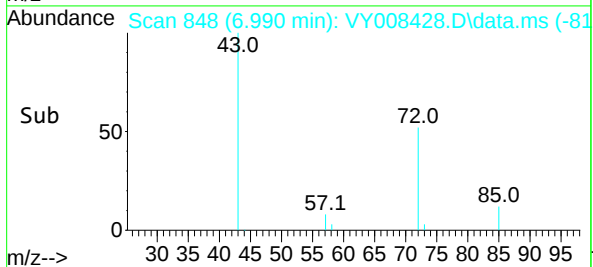
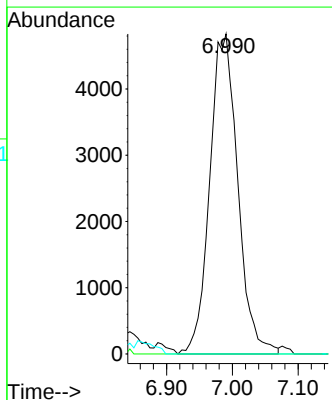
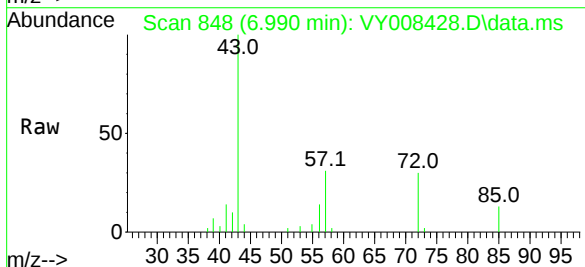
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-3

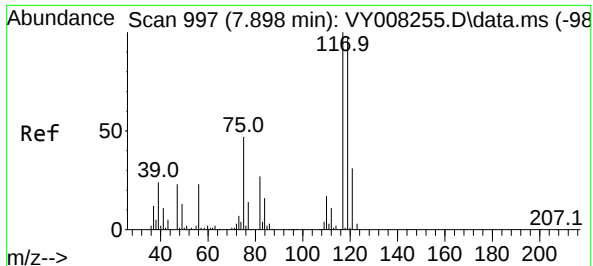
Tgt Ion: 75 Resp: 7972
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.1 51.2#
 77 31.9 24.4 36.6



#37
 Ethyl Acetate
 Concen: 17.964 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.079 min
 Lab File: VY008428.D
 Acq: 20 Apr 2022 19:02

Tgt Ion: 43 Resp: 14332
 Ion Ratio Lower Upper
 43 100
 61 0.0 9.7 14.5#
 70 0.0 7.1 10.7#

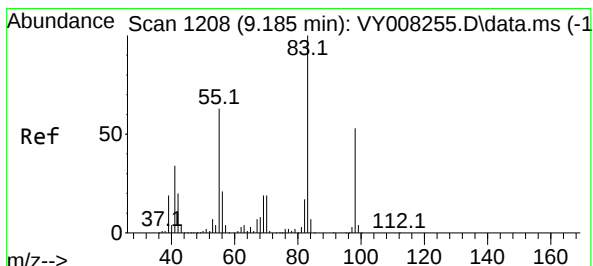
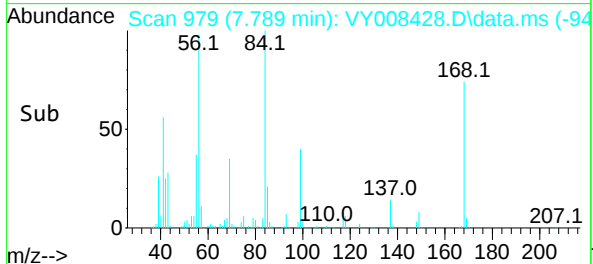
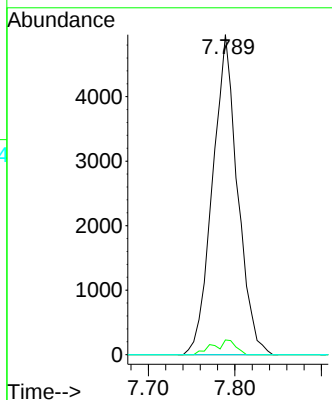
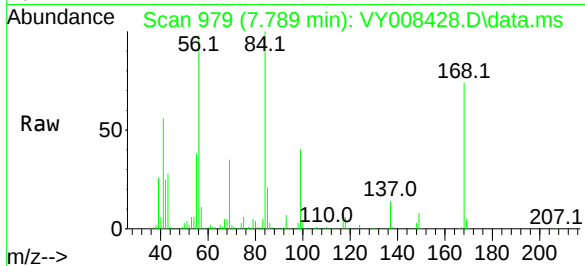




#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

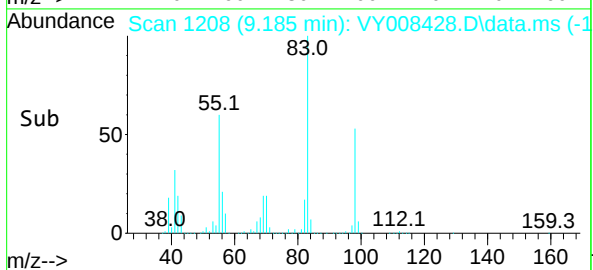
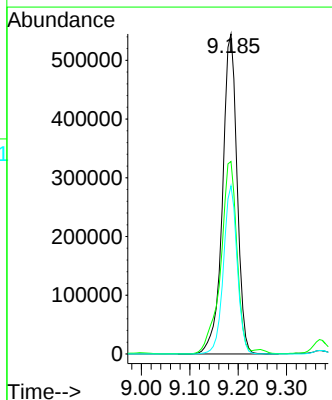
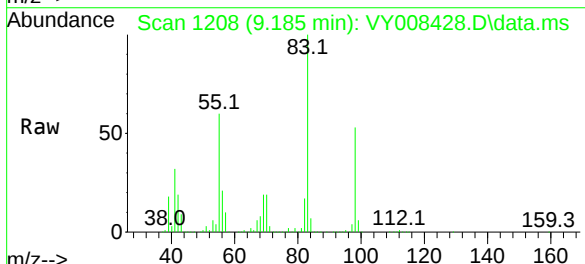
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

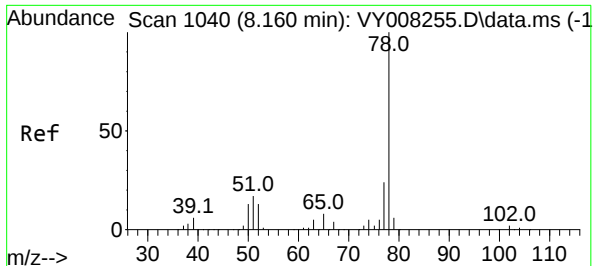
Tgt Ion:117 Resp: 9968
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 572.981 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 83 Resp: 1140680
Ion Ratio Lower Upper
83 100
55 60.1 66.5 99.7#
98 52.5 37.9 56.9

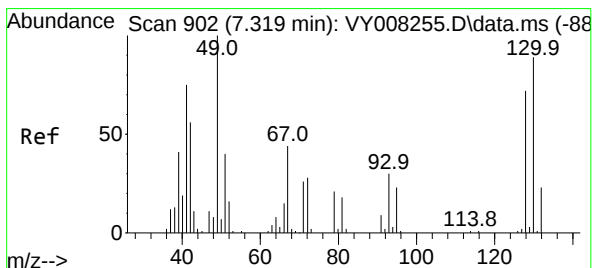
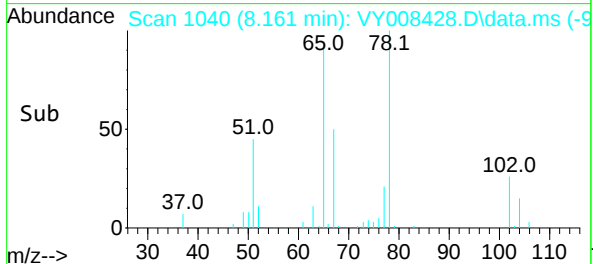
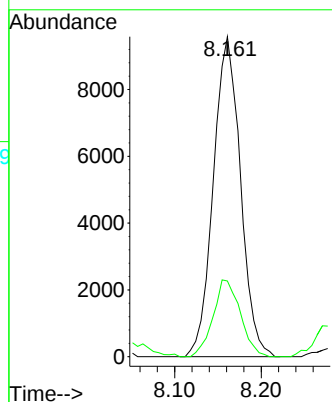
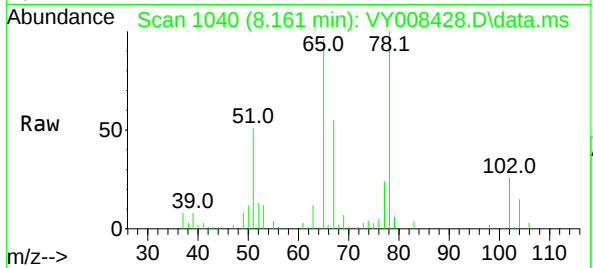




#40
Benzene
Concen: 4.519 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

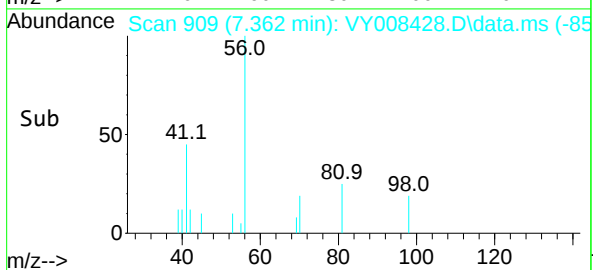
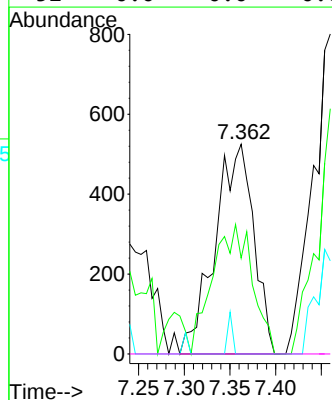
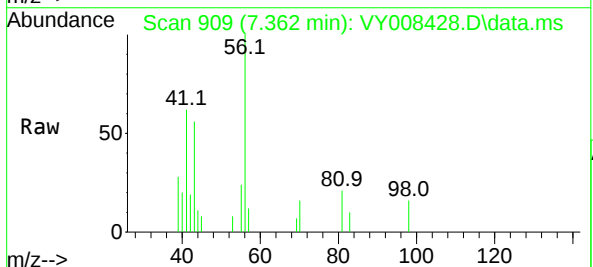
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

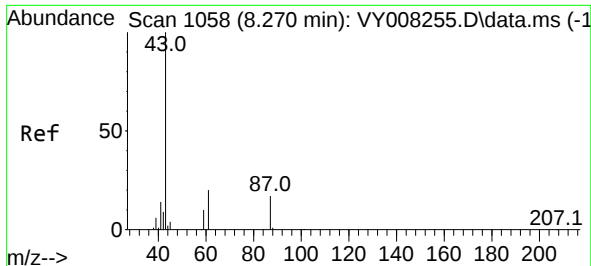
Tgt Ion: 78 Resp: 20821
Ion Ratio Lower Upper
78 100
77 23.7 20.4 30.6



#41
Methacrylonitrile
Concen: 3.480 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 41 Resp: 1553
Ion Ratio Lower Upper
41 100
39 32.2 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

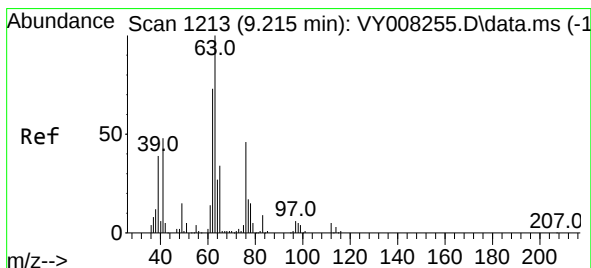
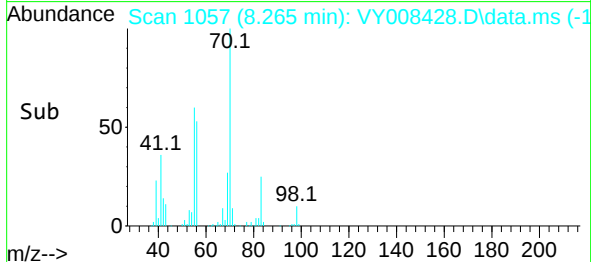
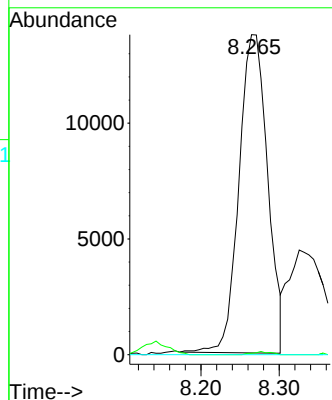
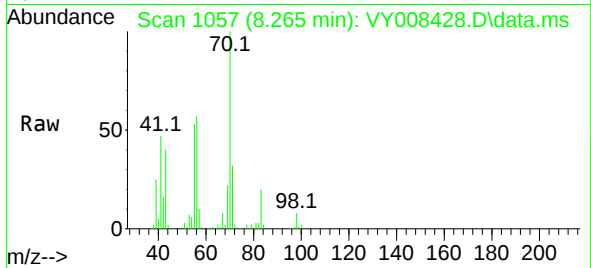




#43
Isopropyl Acetate
Concen: 23.603 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

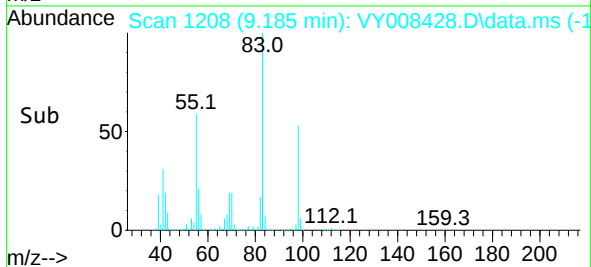
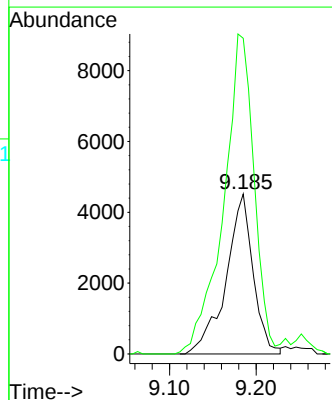
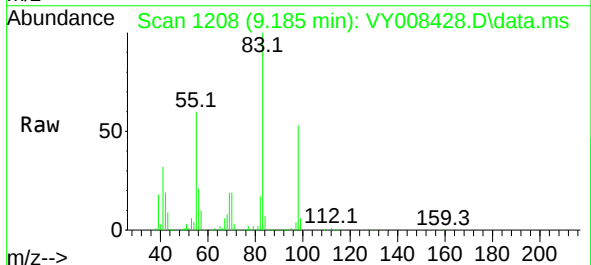
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

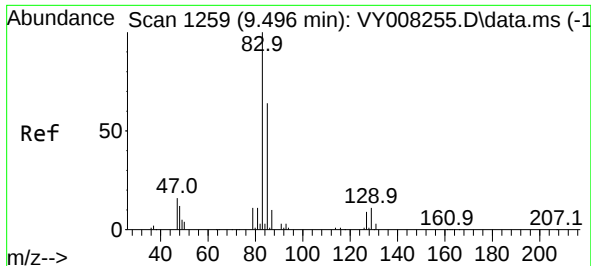
Tgt Ion: 43 Resp: 34948
Ion Ratio Lower Upper
43 100
61 0.6 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 8.749 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.030 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 63 Resp: 9848
Ion Ratio Lower Upper
63 100
65 195.9 23.0 34.6#

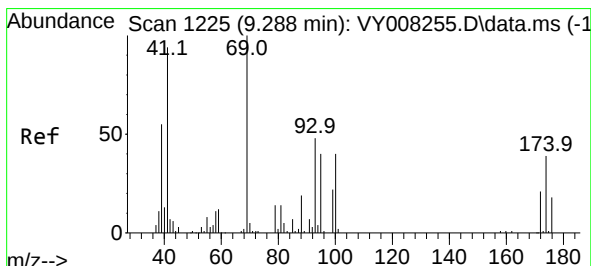
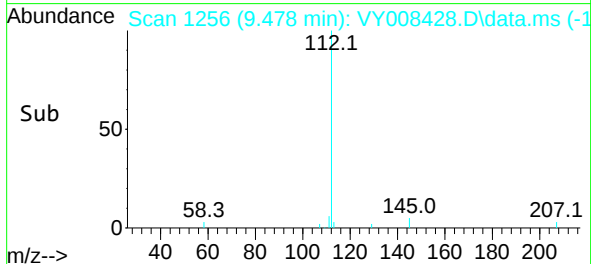
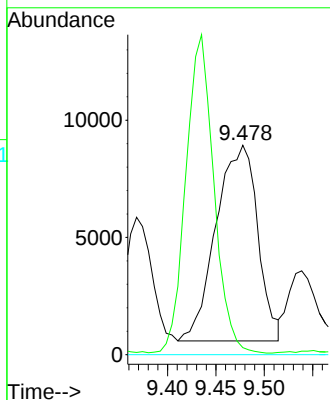
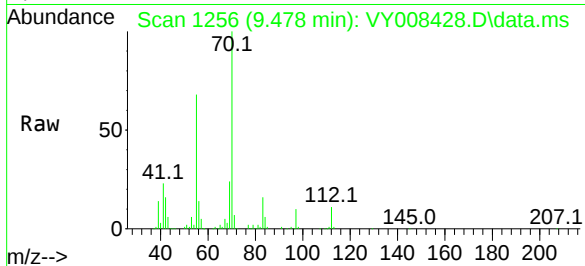




#47
Bromodichloromethane
Concen: 14.928 ug/l
RT: 9.478 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

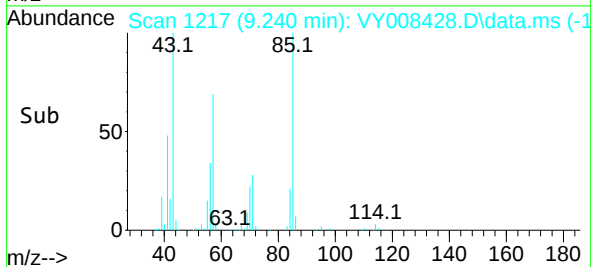
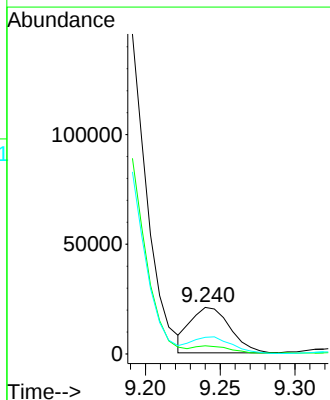
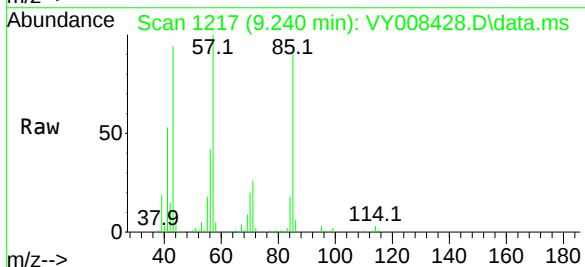
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

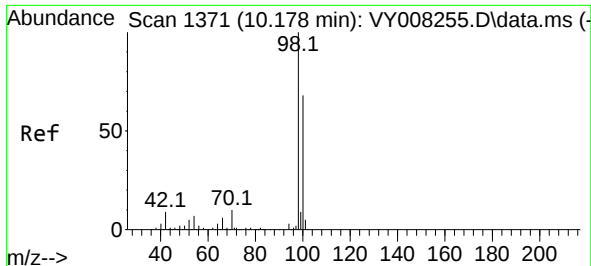
Tgt Ion: 83 Resp: 25009
Ion Ratio Lower Upper
83 100
85 2.5 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 60.906 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.048 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 41 Resp: 38336
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 37.4 47.4 71.0#

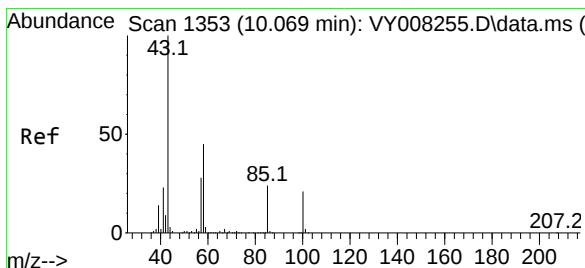
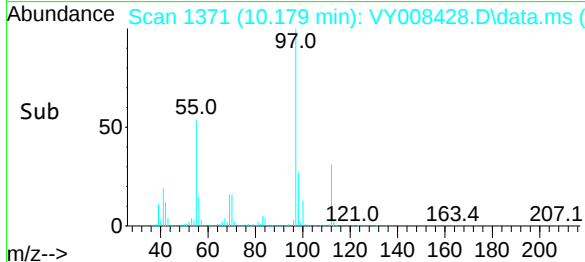
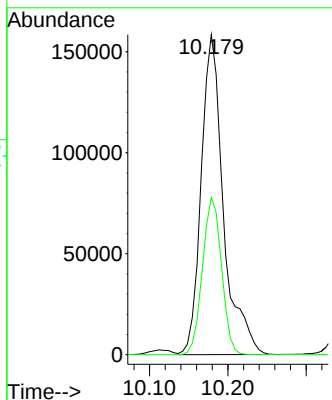
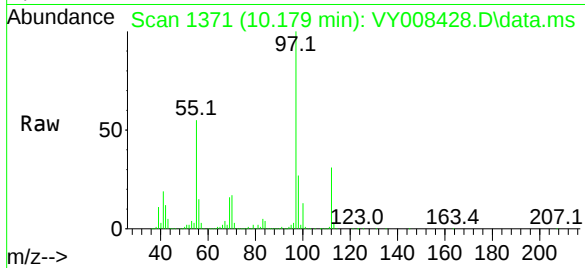




#50
Toluene-d8
Concen: 94.155 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

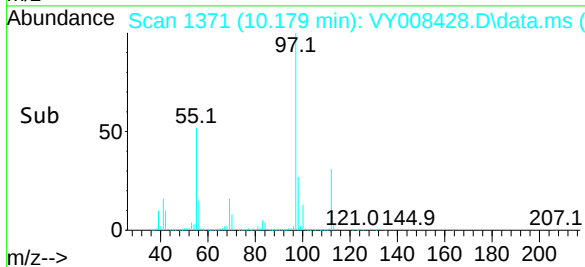
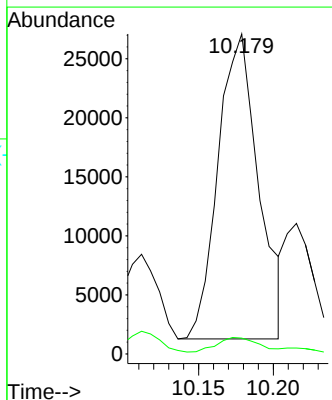
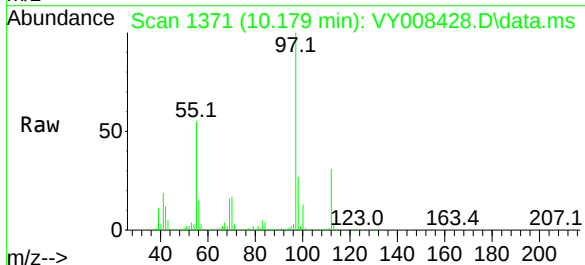
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

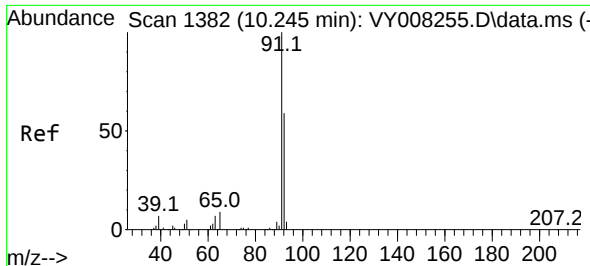
Tgt Ion: 98 Resp: 312171
Ion Ratio Lower Upper
98 100
100 42.0 50.2 75.2#



#51
4-Methyl-2-Pentanone
Concen: 63.798 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 43 Resp: 48777
Ion Ratio Lower Upper
43 100
58 4.8 28.1 42.1#

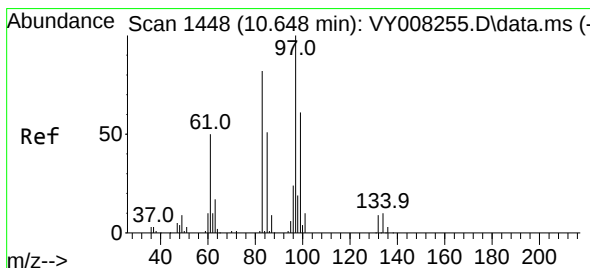
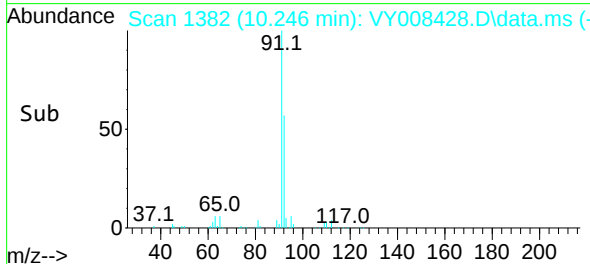
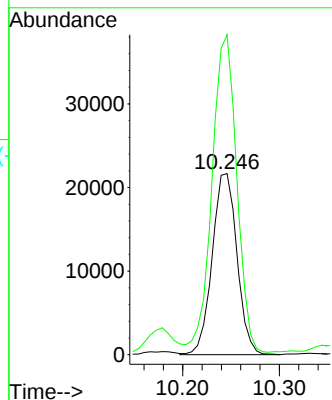
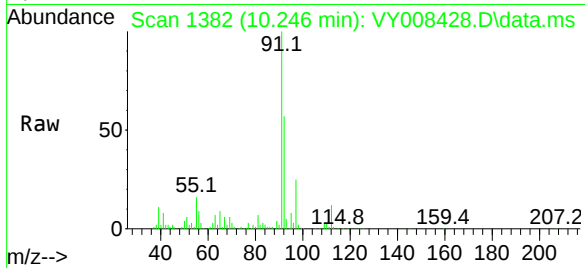




#52
Toluene
Concen: 12.706 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

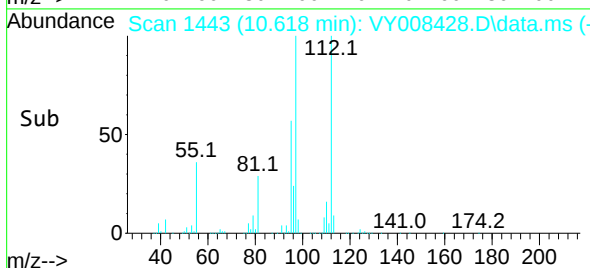
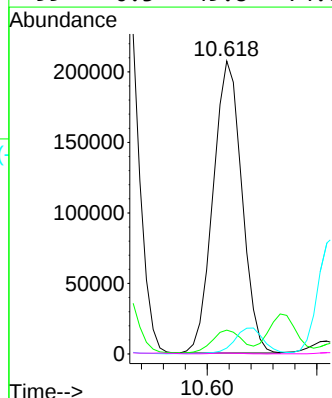
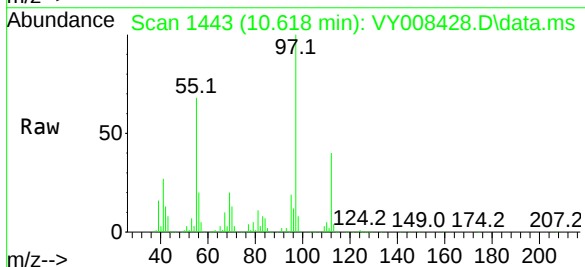
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

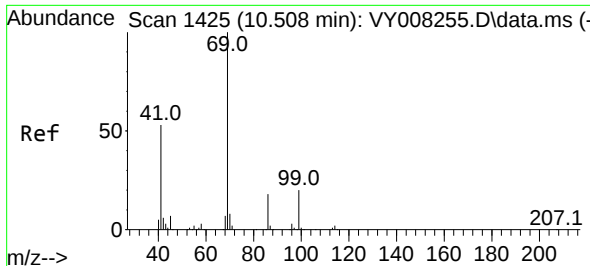
Tgt Ion: 92 Resp: 38571
Ion Ratio Lower Upper
92 100
91 175.2 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 354.442 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 97 Resp: 376649
Ion Ratio Lower Upper
97 100
83 7.8 69.8 104.8#
85 1.9 44.3 66.5#
99 0.3 49.8 74.6#

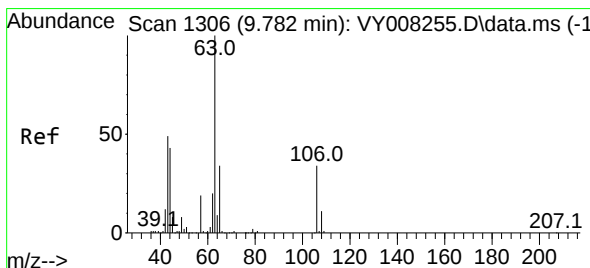
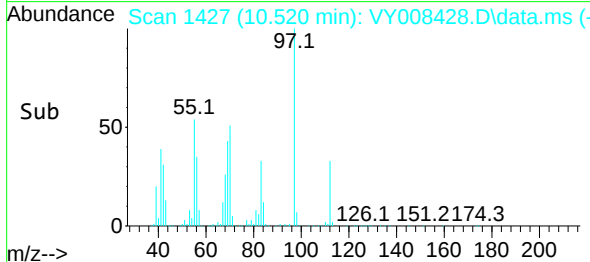
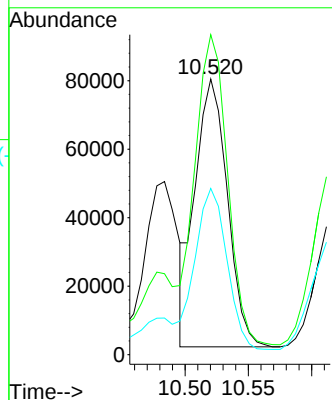
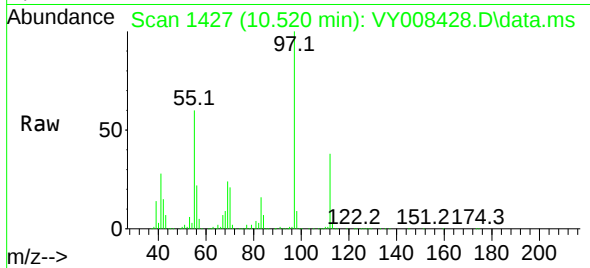




#56
Ethyl methacrylate
Concen: 107.270 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

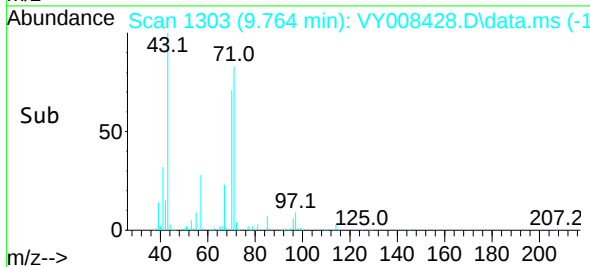
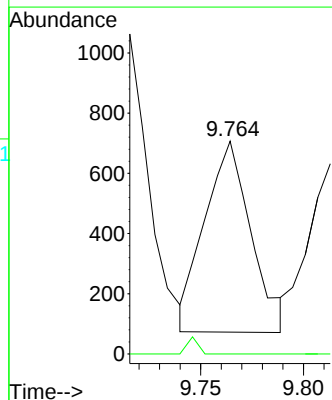
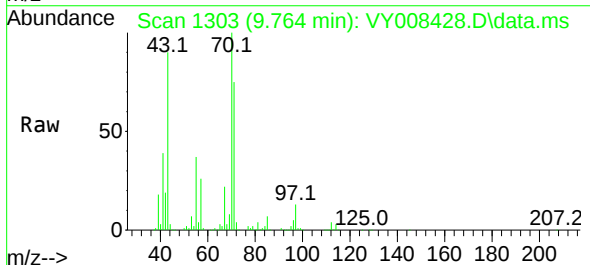
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

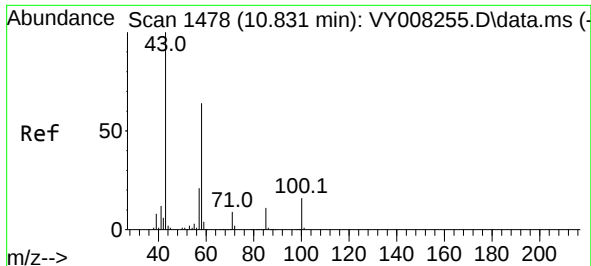
Tgt Ion: 69 Resp: 139756
Ion Ratio Lower Upper
69 100
41 118.8 63.4 95.0#
39 59.9 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.939 ug/l
RT: 9.764 min Scan# 1303
Delta R.T. -0.018 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 63 Resp: 995
Ion Ratio Lower Upper
63 100
106 2.1 21.5 32.3#

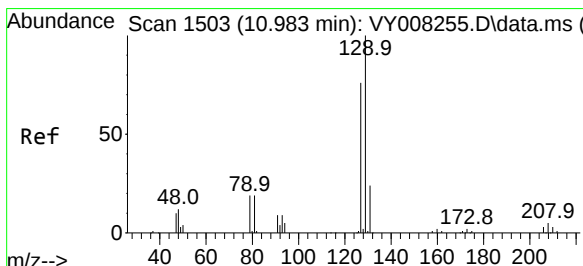
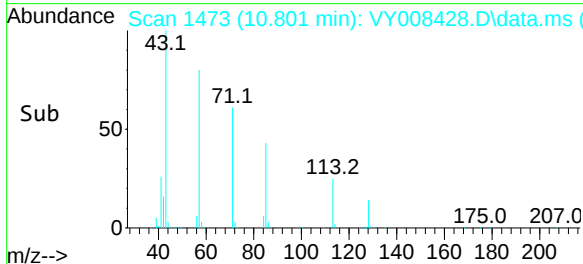
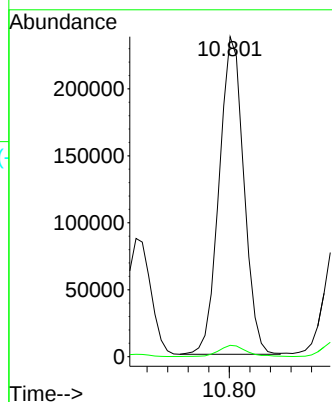
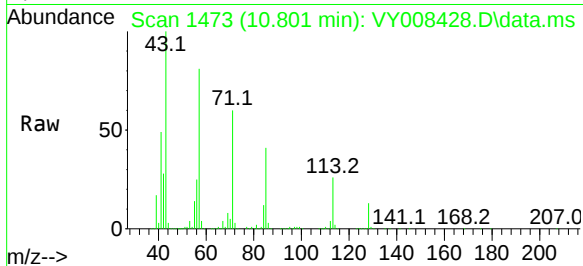




#59
2-Hexanone
Concen: 749.697 ug/l
RT: 10.801 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

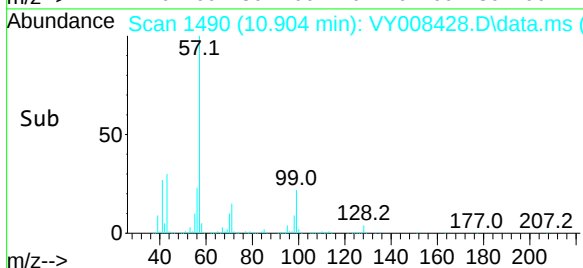
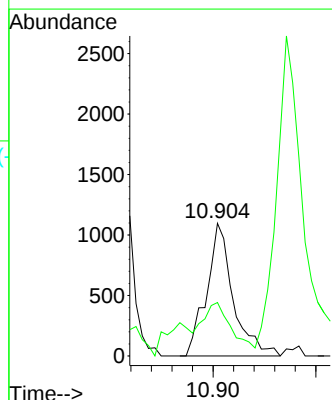
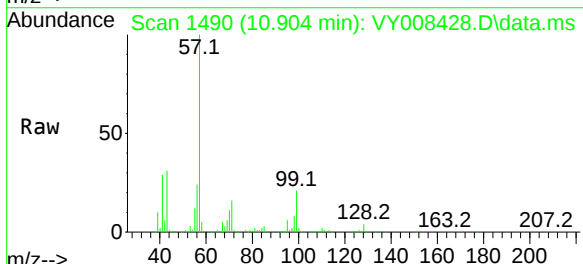
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

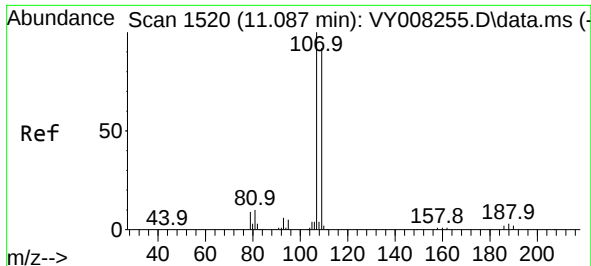
Tgt Ion: 43 Resp: 394406
Ion Ratio Lower Upper
43 100
58 3.8 24.4 73.4#



#60
Dibromochloromethane
Concen: 1.589 ug/l
RT: 10.904 min Scan# 1490
Delta R.T. -0.079 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 129 Resp: 1973
Ion Ratio Lower Upper
129 100
127 33.8 38.7 116.1#

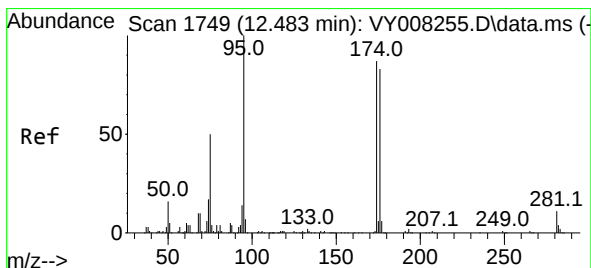
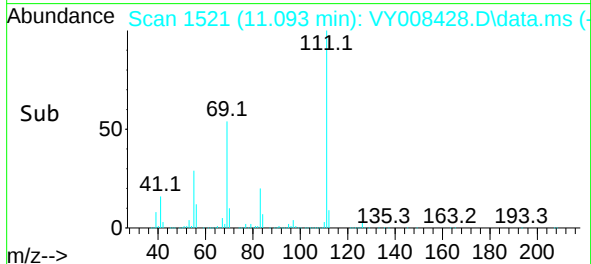
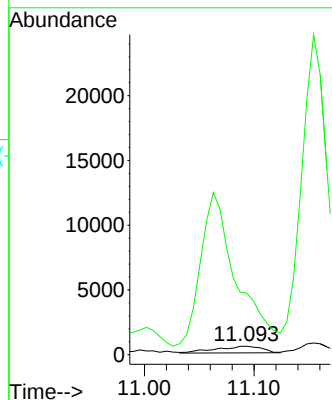
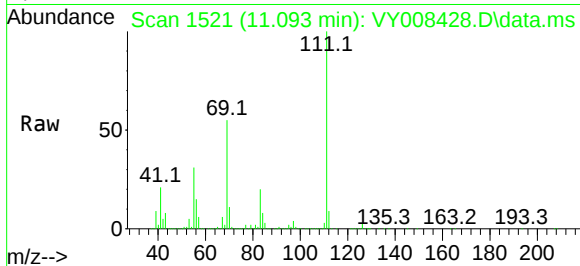




#61
1,2-Dibromoethane
Concen: 1.453 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

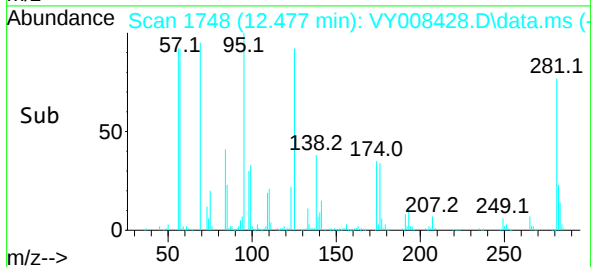
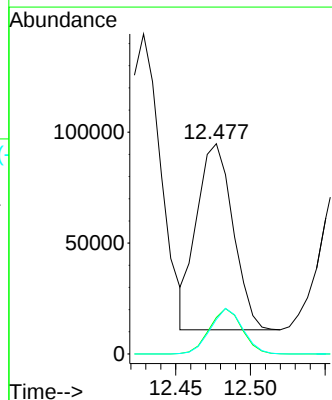
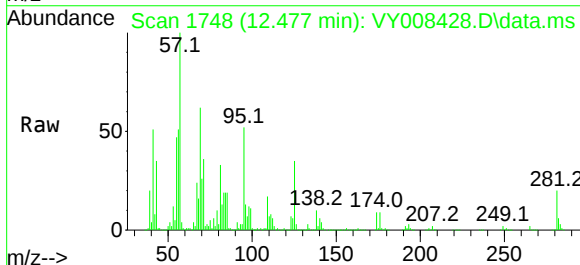
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

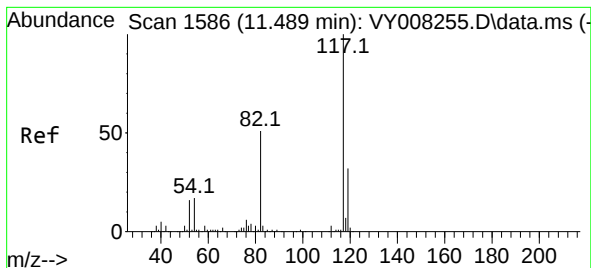
Tgt Ion:107 Resp: 1510
Ion Ratio Lower Upper
107 100
109 0.0 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 114.015 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 95 Resp: 142182
Ion Ratio Lower Upper
95 100
174 21.8 0.0 177.0
176 21.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-3

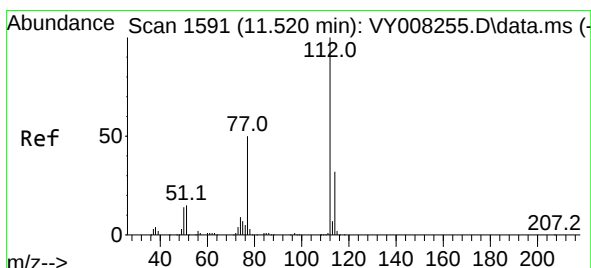
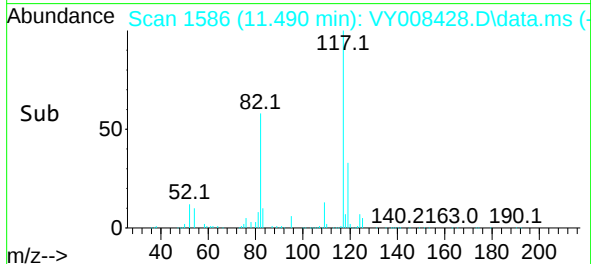
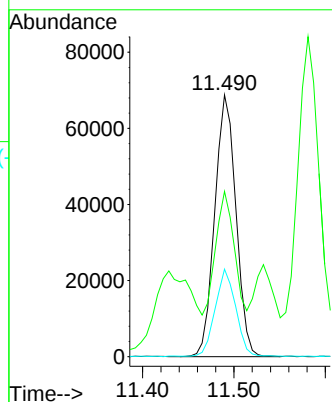
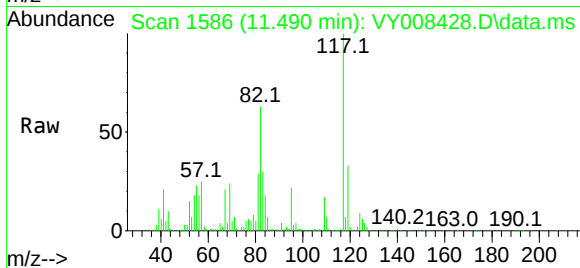
Tgt Ion:117 Resp: 110909

Ion Ratio Lower Upper

117 100

82 48.3 43.0 64.4

119 33.3 25.4 38.0



#65

Chlorobenzene

Concen: 2.680 ug/l

RT: 11.416 min Scan# 1574

Delta R.T. -0.104 min

Lab File: VY008428.D

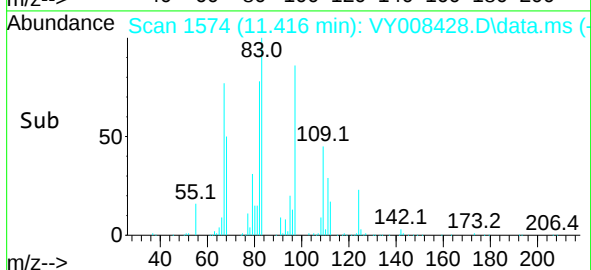
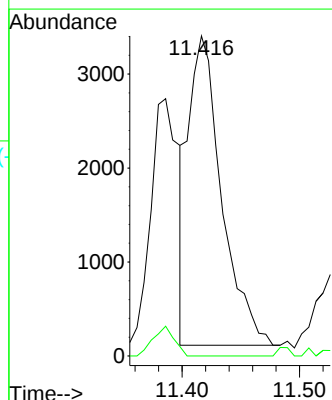
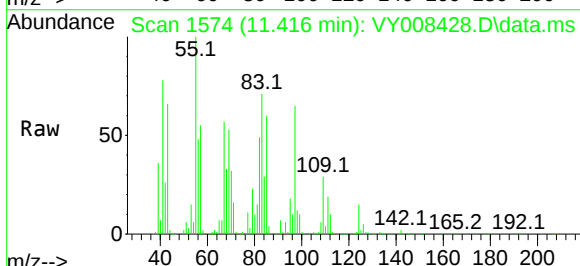
Acq: 20 Apr 2022 19:02

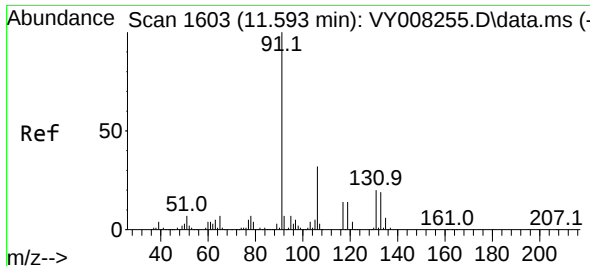
Tgt Ion:112 Resp: 6446

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.6#

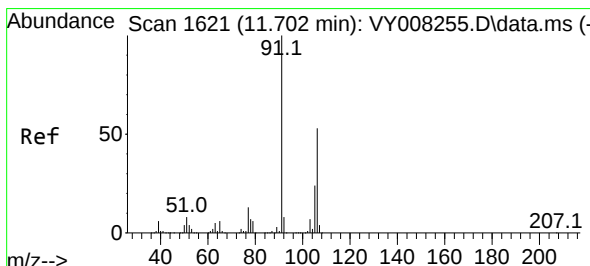
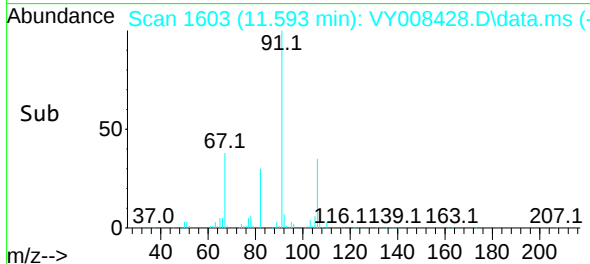
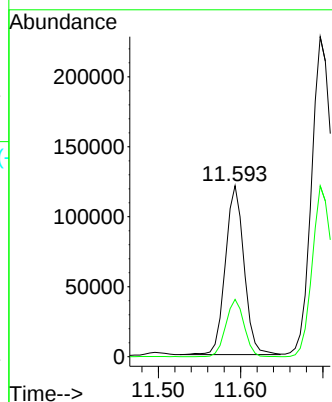
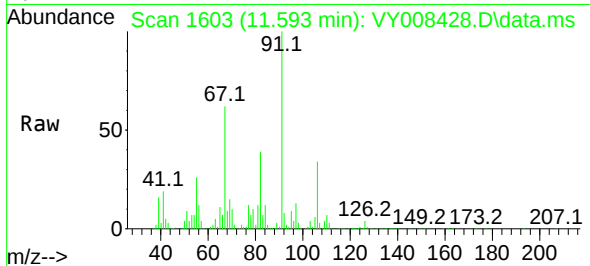




#67
Ethyl Benzene
Concen: 46.504 ug/l
RT: 11.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

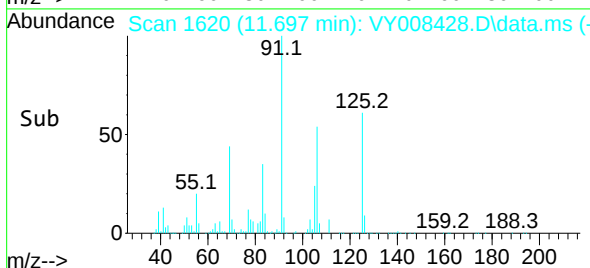
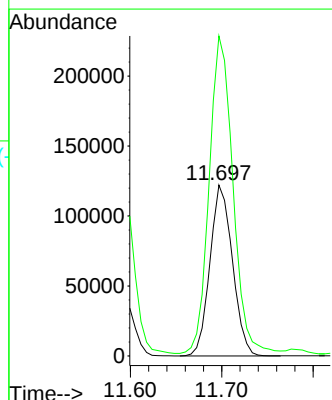
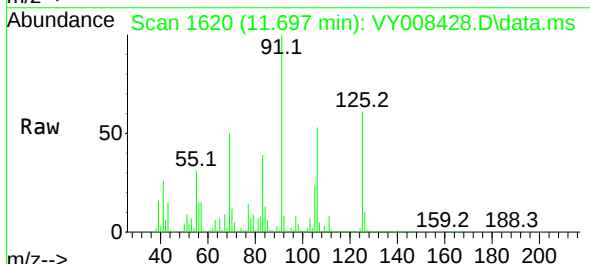
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

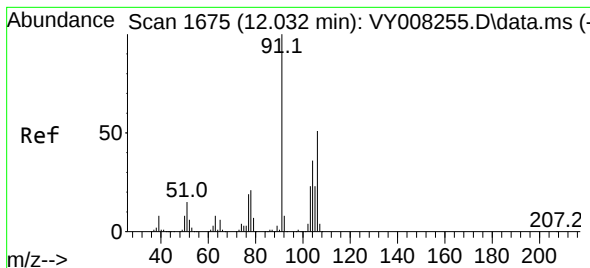
Tgt Ion: 91 Resp: 190213
Ion Ratio Lower Upper
91 100
106 33.9 24.5 36.7



#68
m/p-Xylenes
Concen: 128.306 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.005 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion:106 Resp: 208718
Ion Ratio Lower Upper
106 100
91 195.3 166.6 249.8





#69

o-Xylene

Concen: 343.384 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

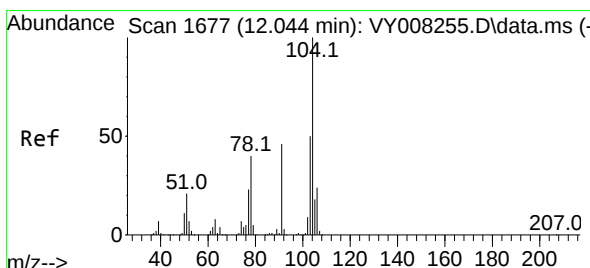
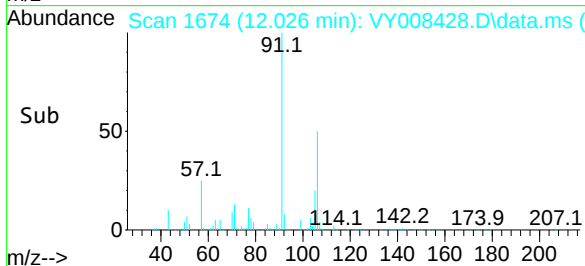
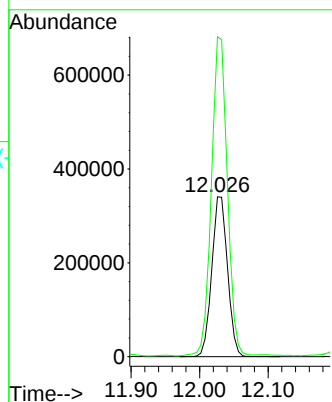
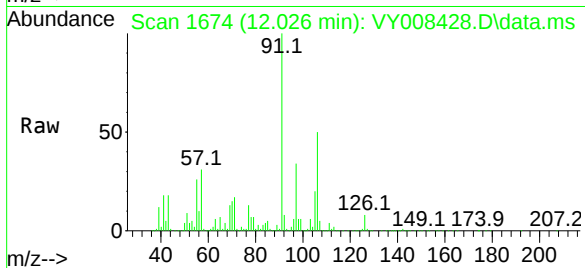
WC-15-1-3

Tgt Ion:106 Resp: 542068

Ion Ratio Lower Upper

106 100

91 201.9 110.3 331.0



#70

Styrene

Concen: 10.175 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.012 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

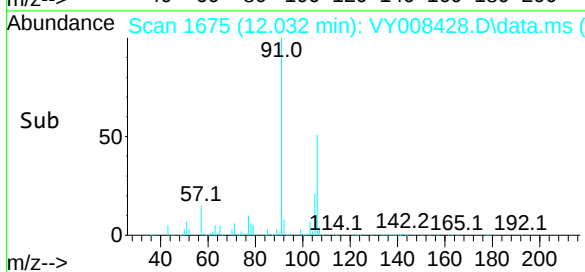
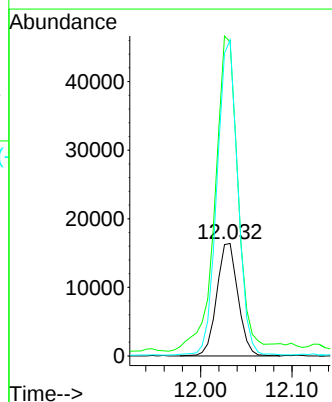
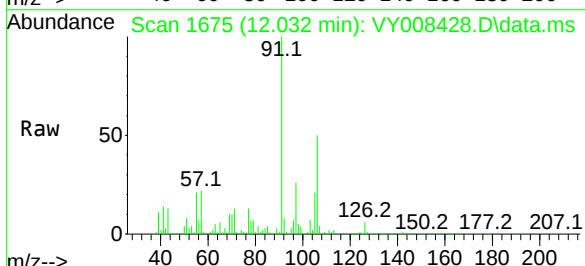
Tgt Ion:104 Resp: 26489

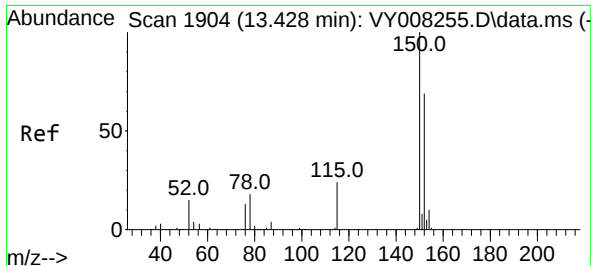
Ion Ratio Lower Upper

104 100

78 302.0 42.4 63.6#

103 274.3 44.4 66.6#

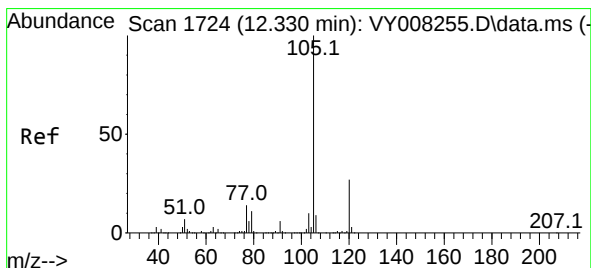
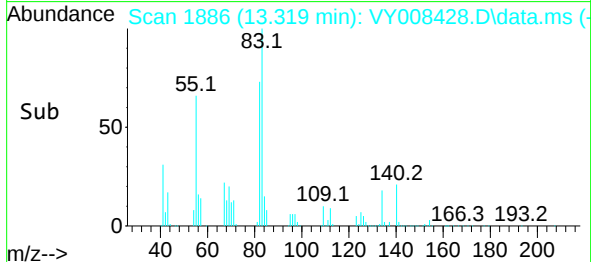
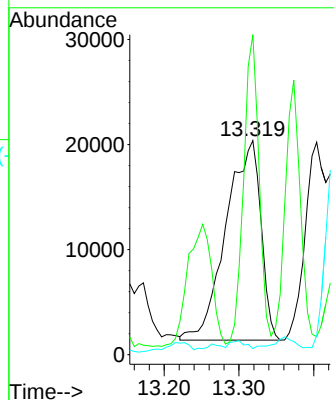
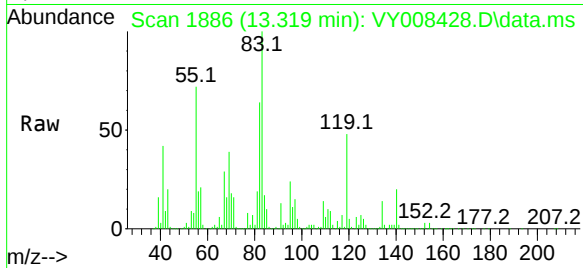




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.319 min Scan# 1886
 Delta R.T. -0.110 min
 Lab File: VY008428.D
 Acq: 20 Apr 2022 19:02

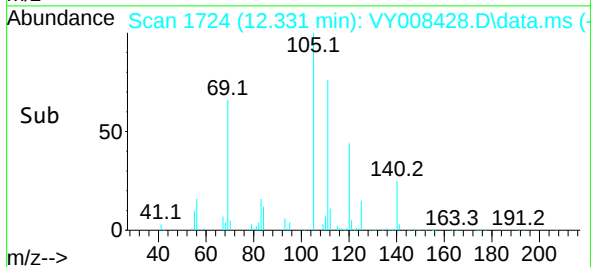
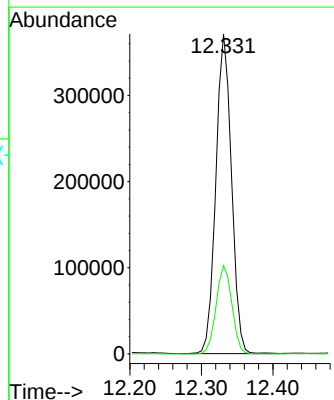
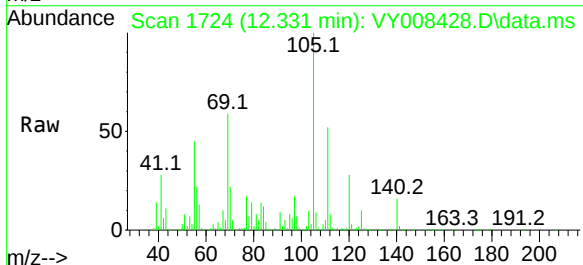
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-3

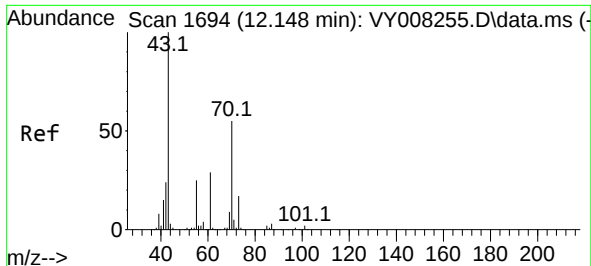
Tgt Ion:152 Resp: 61388
 Ion Ratio Lower Upper
 152 100
 115 68.4 28.2 84.7
 150 2.1 0.0 347.6



#73
 Isopropylbenzene
 Concen: 123.004 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. 0.001 min
 Lab File: VY008428.D
 Acq: 20 Apr 2022 19:02

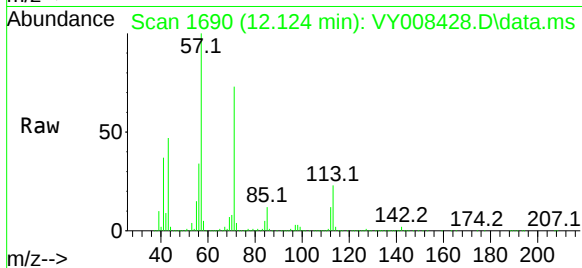
Tgt Ion:105 Resp: 561401
 Ion Ratio Lower Upper
 105 100
 120 28.0 13.4 40.2



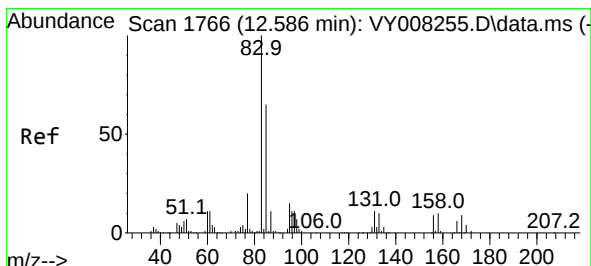
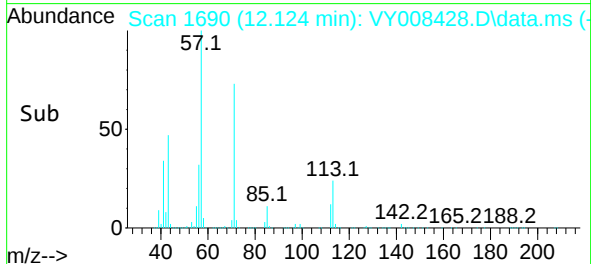
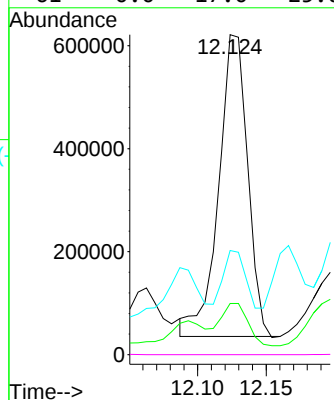


#74
N-amy1 acetate
Concen: 869.690 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

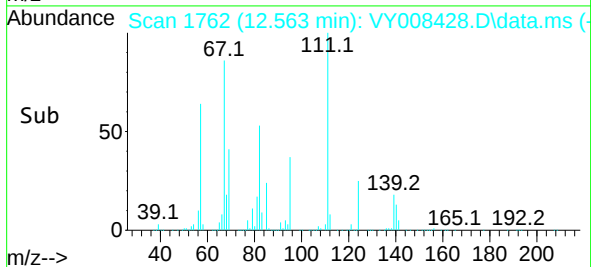
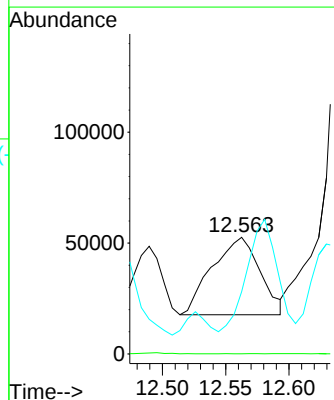
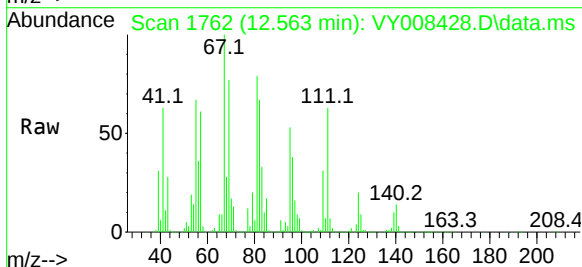


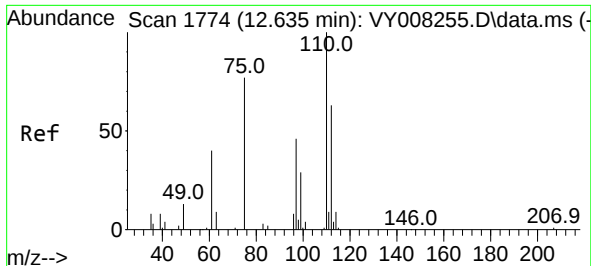
Tgt Ion:	43	Resp:	861769
Ion Ratio	100	Lower	Upper
70	13.8	28.7	43.1#
55	20.0	17.3	25.9
61	0.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 95.351 ug/l
RT: 12.563 min Scan# 1762
Delta R.T. -0.023 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion:	83	Resp:	92085
Ion Ratio	100	Lower	Upper
131	0.0	5.6	16.8#
85	0.0	32.3	96.8#

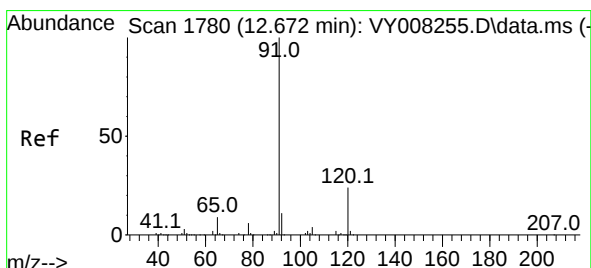
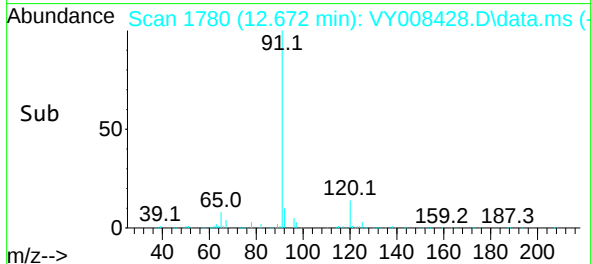
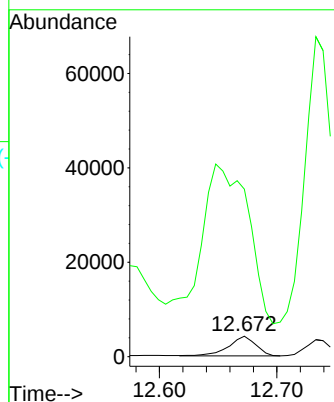
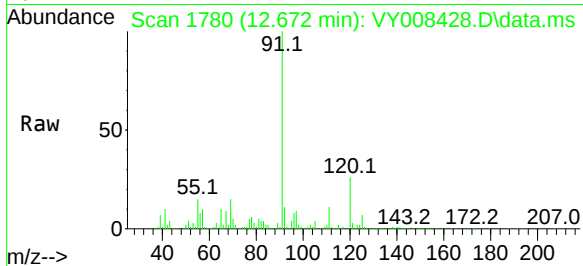




#76
1,2,3-Trichloropropane
Concen: 9.854 ug/l
RT: 12.672 min Scan# 1774
Delta R.T. 0.037 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

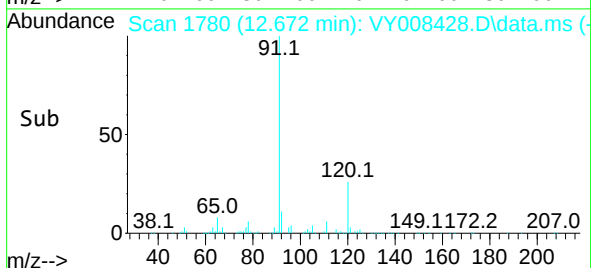
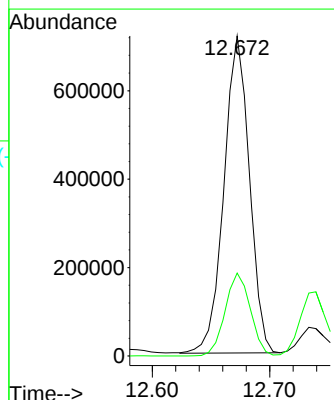
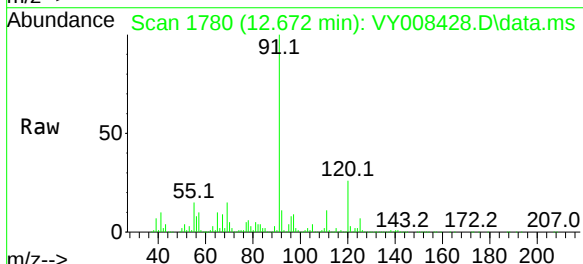
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

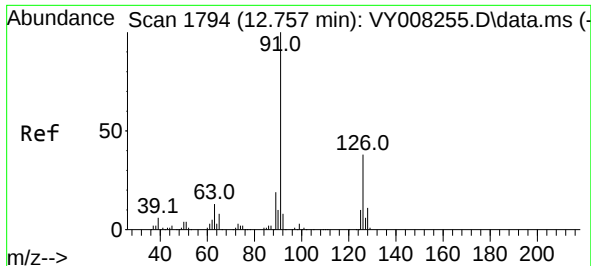
Tgt Ion: 75 Resp: 6690
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 200.577 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 91 Resp: 1080235
Ion Ratio Lower Upper
91 100
120 25.8 11.3 33.9

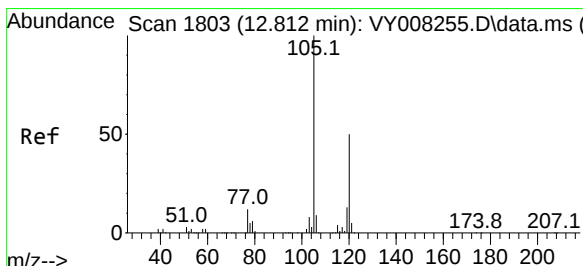
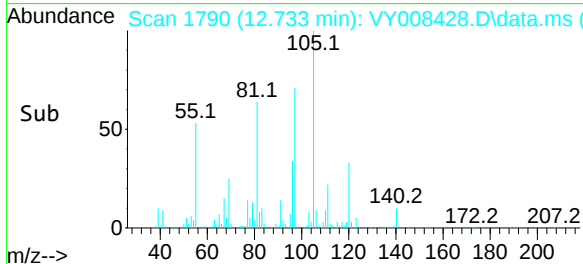
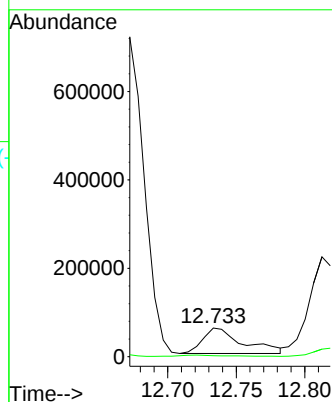
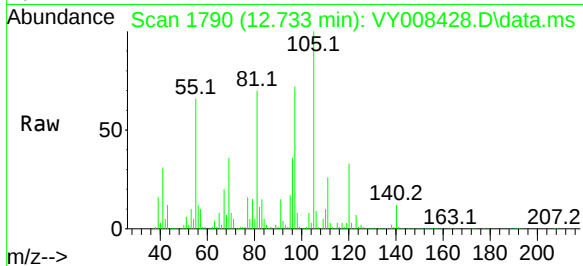




#79
2-Chlorotoluene
Concen: 38.798 ug/l
RT: 12.733 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

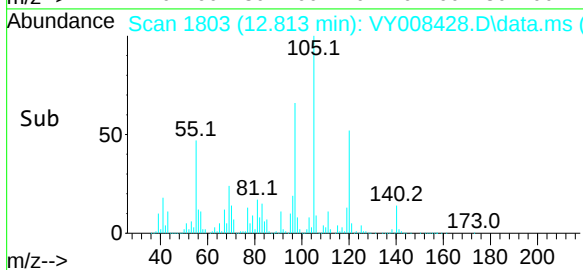
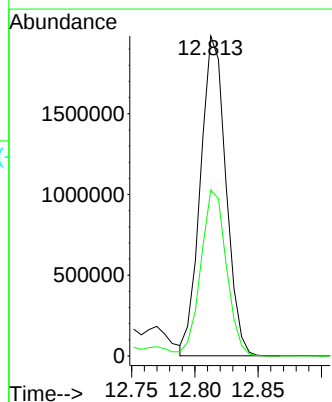
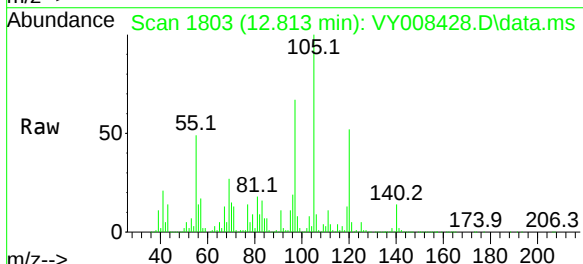
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

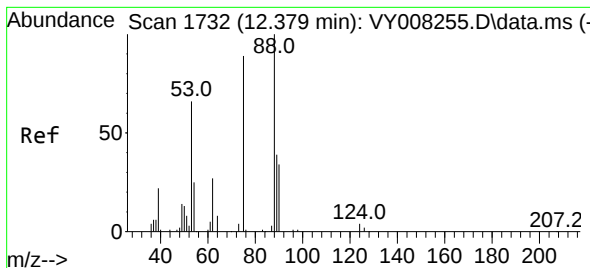
Tgt Ion: 91 Resp: 117265
Ion Ratio Lower Upper
91 100
126 5.6 16.9 50.6#



#80
1,3,5-Trimethylbenzene
Concen: 740.093 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 105 Resp: 2769803
Ion Ratio Lower Upper
105 100
120 51.9 24.4 73.4

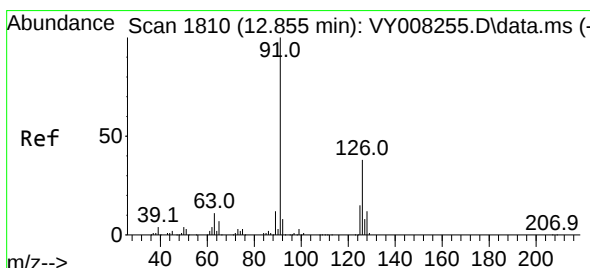
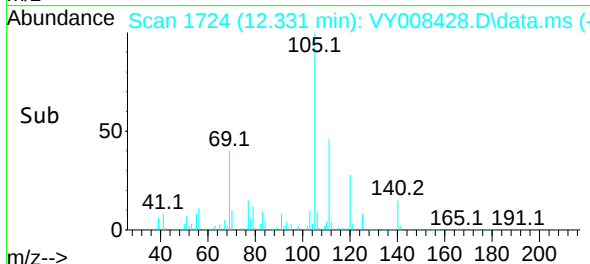
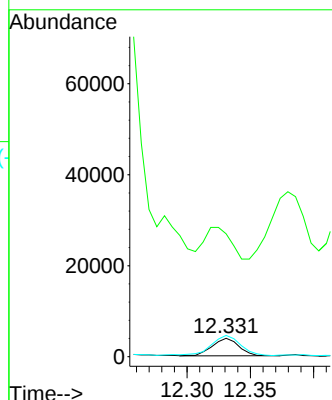
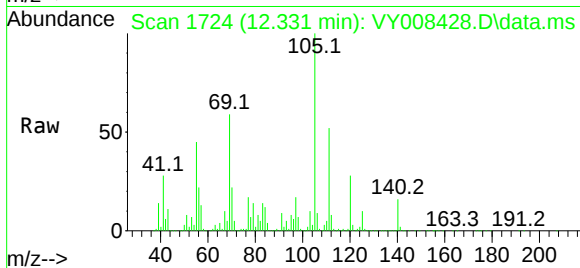




#81
trans-1,4-Dichloro-2-butene
Concen: 18.617 ug/l
RT: 12.331 min Scan# 1
Delta R.T. -0.048 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

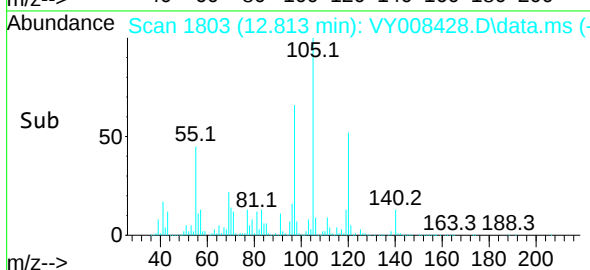
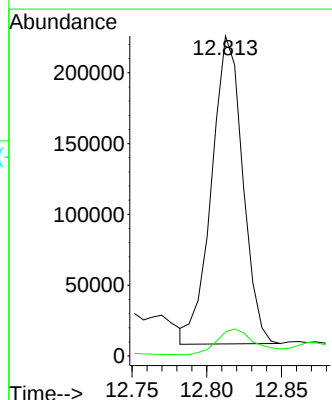
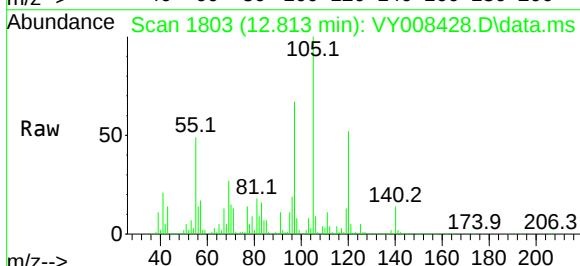
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

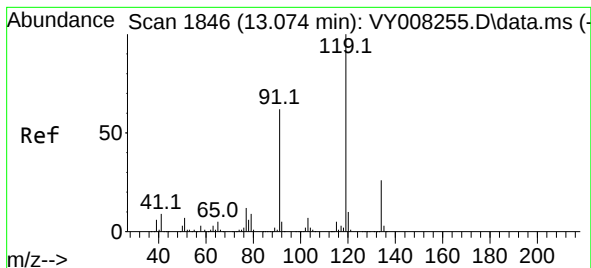
Tgt Ion: 75 Resp: 5649
Ion Ratio Lower Upper
75 100
53 168.6 85.3 127.9#
89 125.8 37.0 55.4#



#82
4-Chlorotoluene
Concen: 101.306 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 91 Resp: 314662
Ion Ratio Lower Upper
91 100
126 10.3 17.0 51.0#





#83

tert-Butylbenzene

Concen: 21.677 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-3

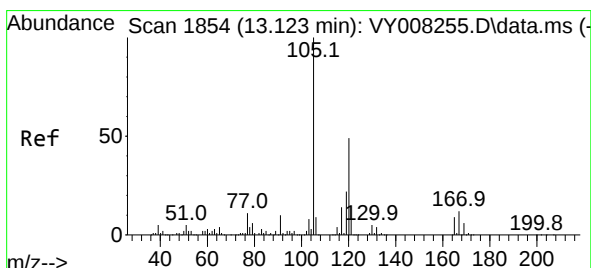
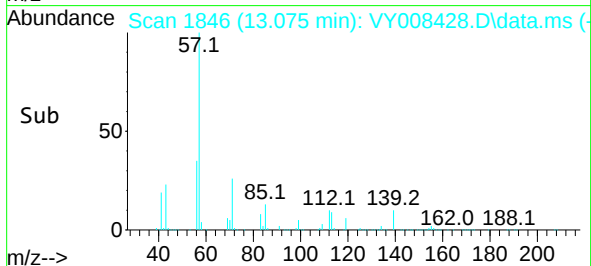
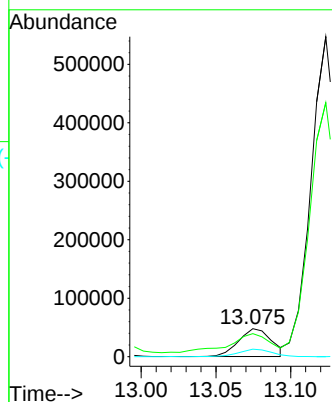
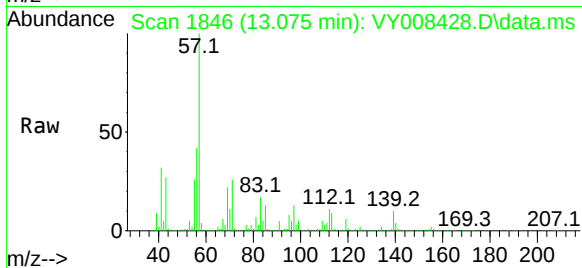
Tgt Ion:119 Resp: 72780

Ion Ratio Lower Upper

119 100

91 81.6 34.8 104.4

134 28.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 1472.873 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008428.D

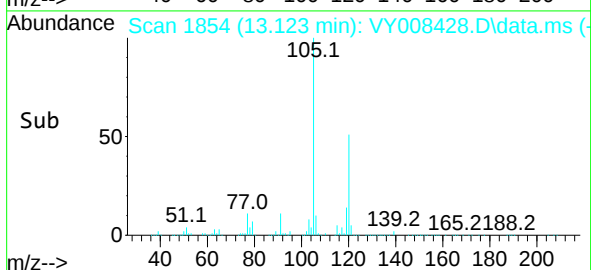
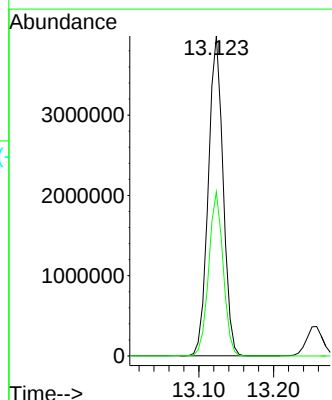
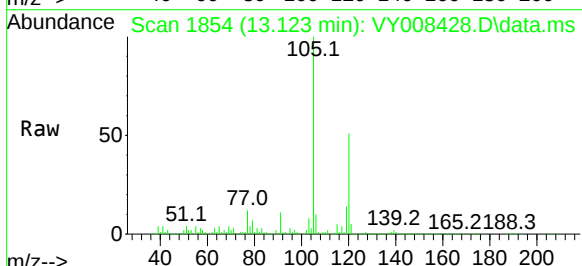
Acq: 20 Apr 2022 19:02

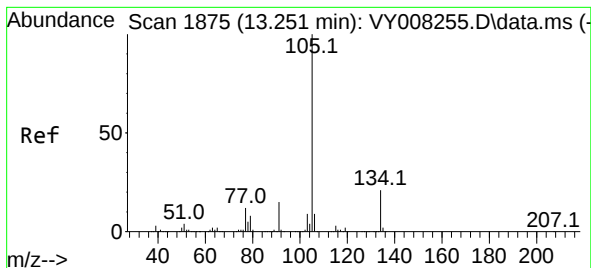
Tgt Ion:105 Resp: 5455099

Ion Ratio Lower Upper

105 100

120 50.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 112.644 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

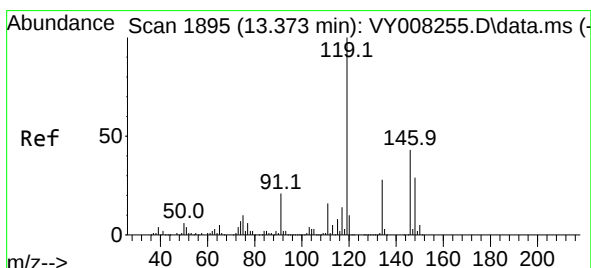
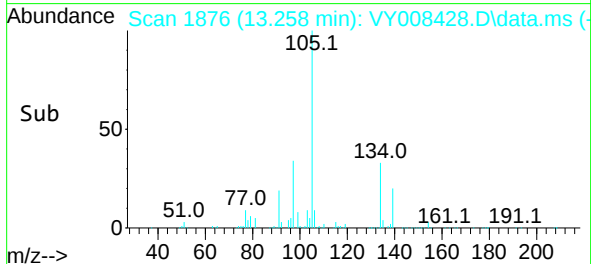
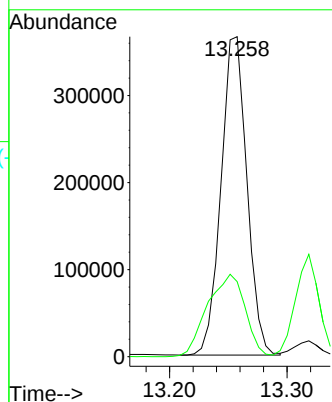
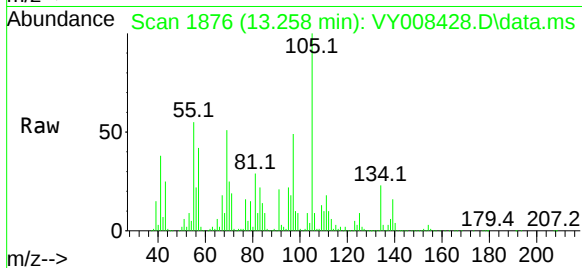
WC-15-1-3

Tgt Ion:105 Resp: 560689

Ion Ratio Lower Upper

105 100

134 37.8 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 113.488 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008428.D

Acq: 20 Apr 2022 19:02

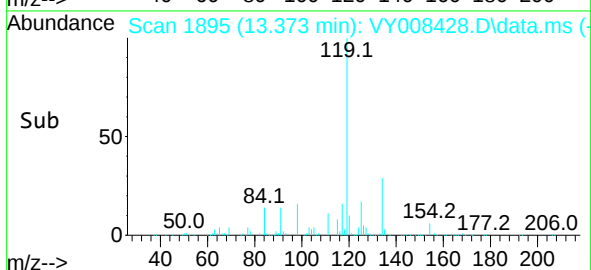
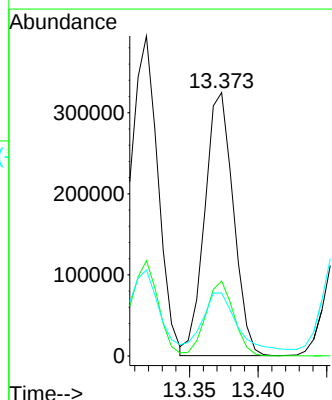
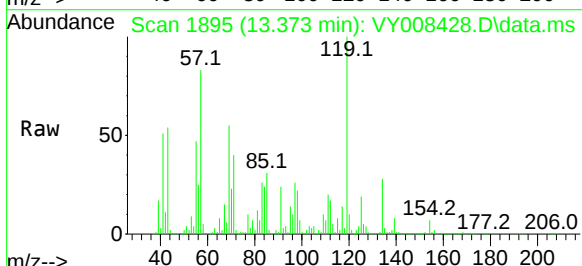
Tgt Ion:119 Resp: 471392

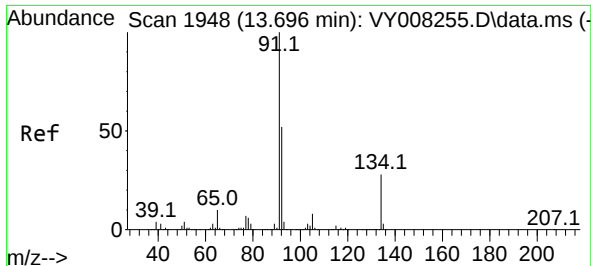
Ion Ratio Lower Upper

119 100

134 27.8 13.2 39.5

91 24.2 12.4 37.2

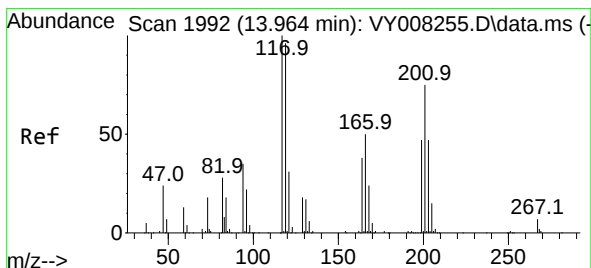
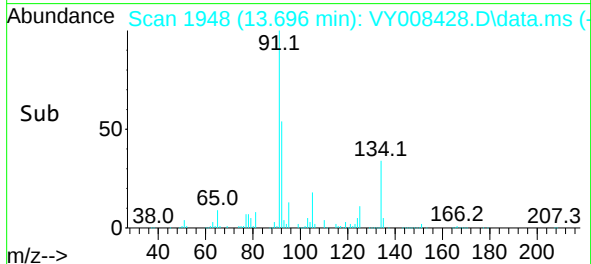
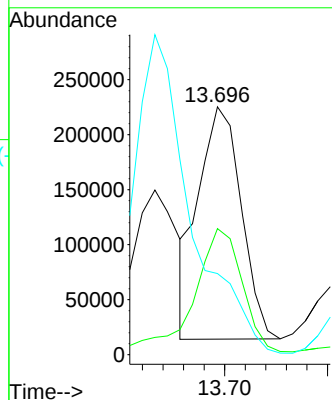
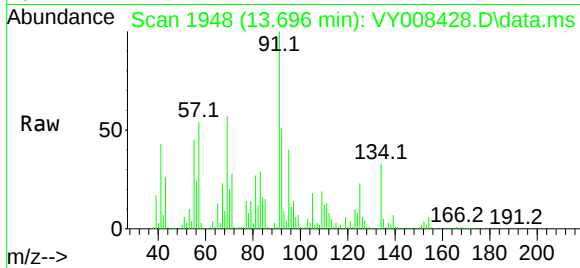




#89
n-Butylbenzene
Concen: 81.310 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

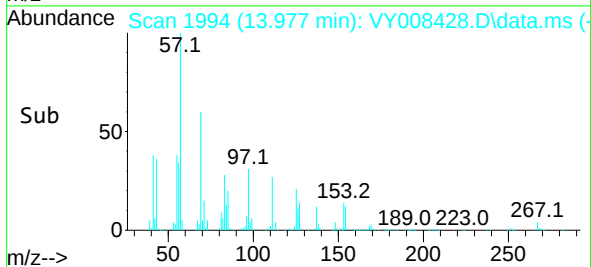
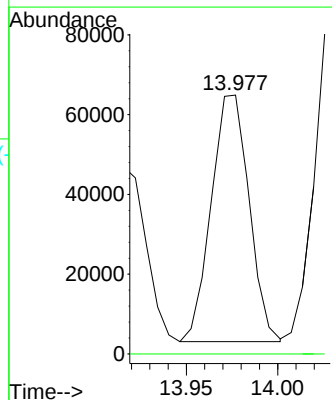
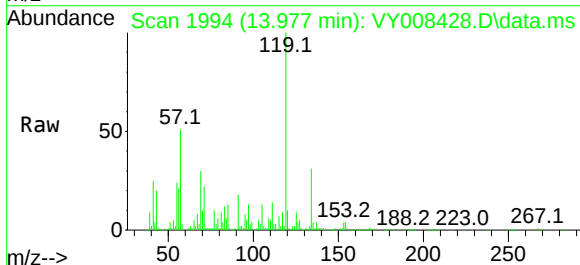
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

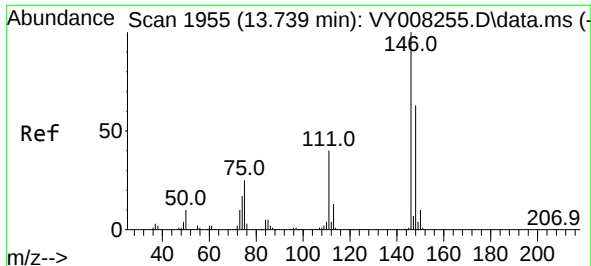
Tgt Ion: 91 Resp: 305141
Ion Ratio Lower Upper
91 100
92 60.7 26.3 78.9
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 114.816 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.013 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 117 Resp: 89136
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

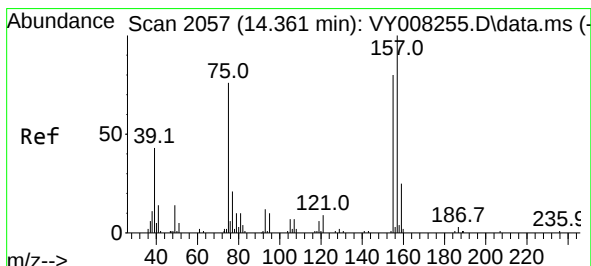
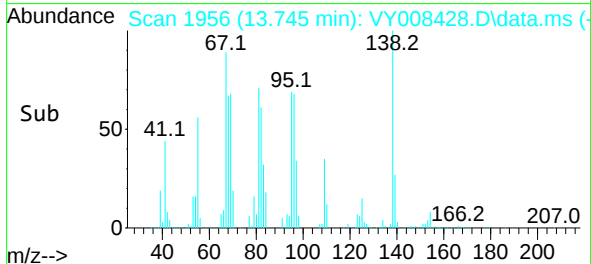
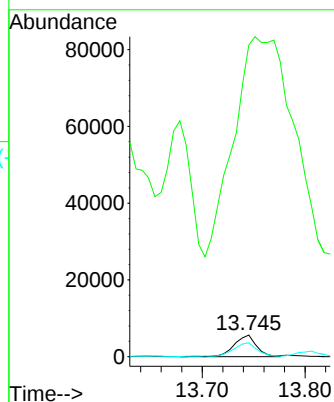
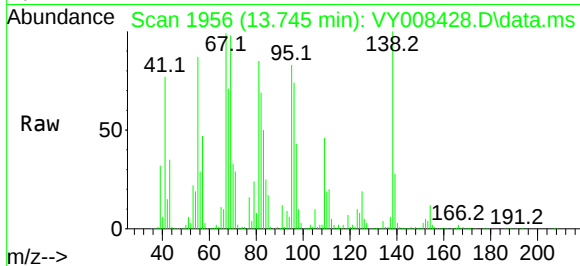




#91
1,2-Dichlorobenzene
Concen: 4.303 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

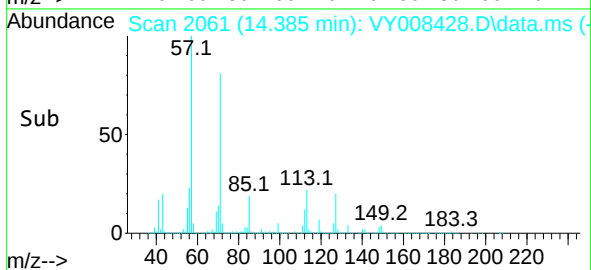
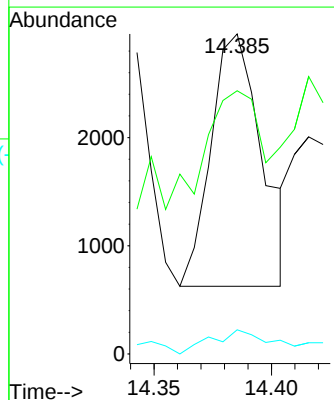
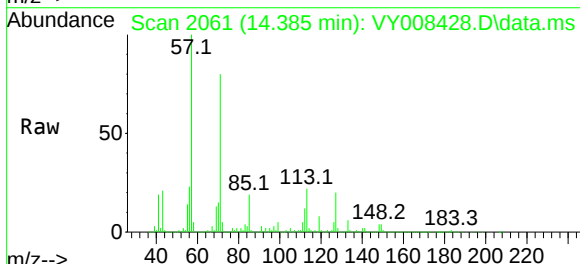
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

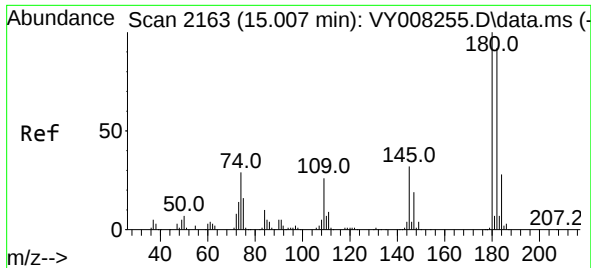
Tgt Ion:146 Resp: 8479
Ion Ratio Lower Upper
146 100
111 2946.3 20.3 60.9#
148 66.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.453 ug/l
RT: 14.385 min Scan# 2061
Delta R.T. 0.024 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

Tgt Ion: 75 Resp: 3517
Ion Ratio Lower Upper
75 100
155 36.8 38.0 113.9#
157 11.1 47.8 143.3#

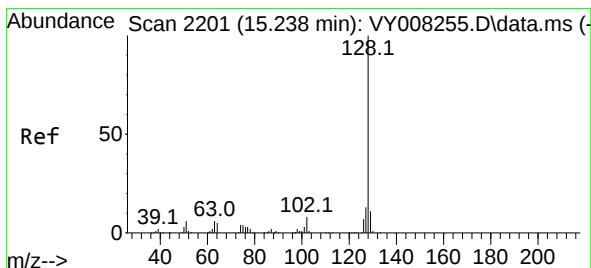
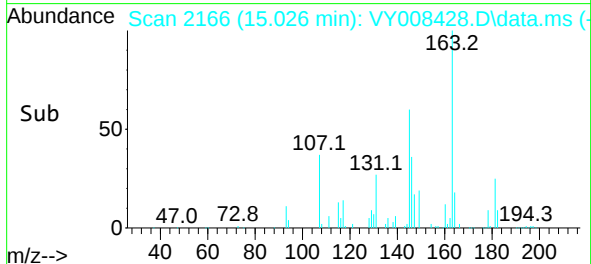
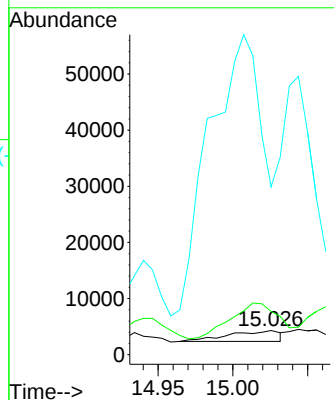
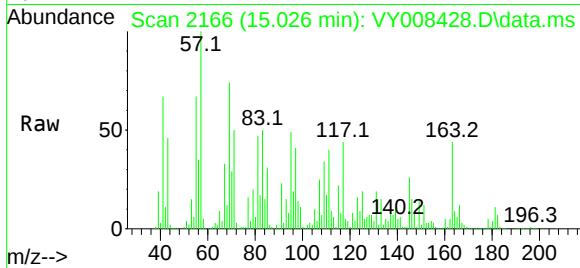




#93
1,2,4-Trichlorobenzene
Concen: 3.844 ug/l
RT: 15.026 min Scan# 2163
Delta R.T. 0.019 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

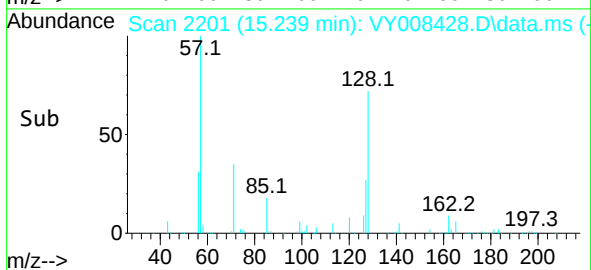
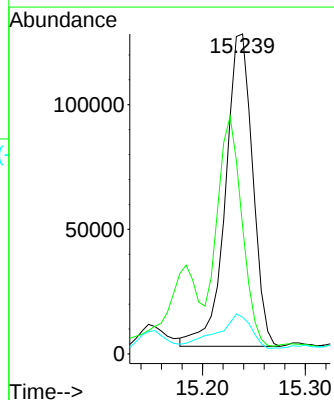
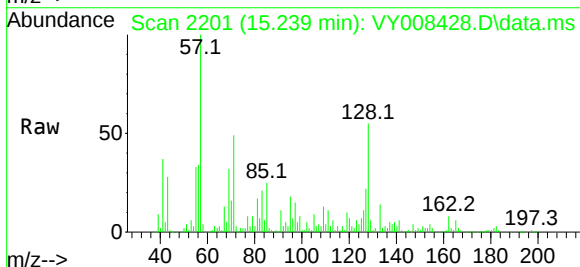
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-3

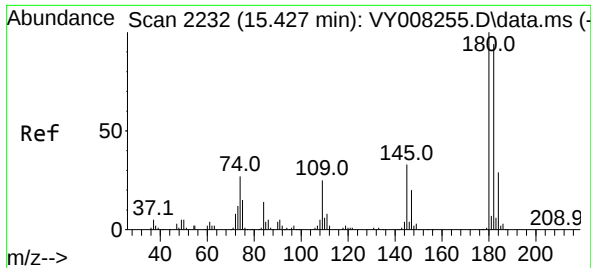
Tgt Ion:180 Resp: 4481
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 1915.6 14.6 43.8#



#95
Naphthalene
Concen: 92.432 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.001 min
Lab File: VY008428.D
Acq: 20 Apr 2022 19:02

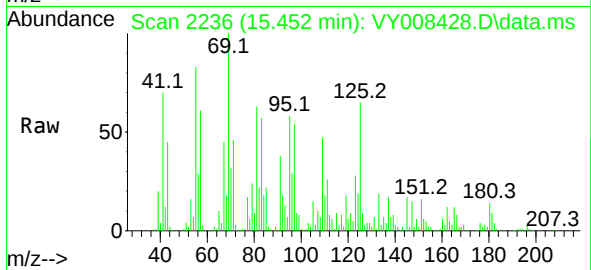
Tgt Ion:128 Resp: 230777
Ion Ratio Lower Upper
128 100
127 66.0 11.0 16.4#
129 13.5 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 6.145 ug/l
 RT: 15.452 min Scan# 21
 Delta R.T. 0.025 min
 Lab File: VY008428.D
 Acq: 20 Apr 2022 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-3



Tgt Ion:180 Resp: 6268
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 0.0 15.3 45.9#

