

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009195.D
 Acq On : 16 Jun 2022 11:59
 Operator : KP/MD
 Sample : N3334-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A-1A-7

Quant Time: Jun 16 15:41:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	26341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	42249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	32818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	15357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12809	46.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.100%
35) Dibromofluoromethane	7.716	113	12361	46.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%
50) Toluene-d8	10.179	98	65210	64.671	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.340%
62) 4-Bromofluorobenzene	12.477	95	28941	80.770	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	161.540%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	324	1.312	ug/l #	44
5) Bromomethane	2.656	94	366	2.009	ug/l	95
10) Methyl Iodide	4.107	142	707	2.173	ug/l #	77
11) Tert butyl alcohol	4.954	59	128	2.932	ug/l #	77
13) Acrolein	3.735	56	25	Below Cal	#	14
16) Acetone	3.954	43	2260	32.607	ug/l #	88
18) Methyl Acetate	4.466	43	299	Below Cal	#	83
20) Methylene Chloride	4.716	84	1236	1.151	ug/l #	82
25) 2-Butanone	6.984	43	418	3.811	ug/l #	54
29) Tetrahydrofuran	7.338	42	78	1.071	ug/l #	38
31) Cyclohexane	7.783	56	10930	22.175	ug/l	91
36) 1,1-Dichloropropene	7.783	75	2195	5.387	ug/l #	45
38) Carbon Tetrachloride	7.783	117	2643	6.273	ug/l #	19
39) Methylcyclohexane	9.179	83	120081	244.447	ug/l	94
43) Isopropyl Acetate	8.265	43	6075	13.546	ug/l #	56
45) 1,2-Dichloropropane	9.179	63	1205	3.995	ug/l #	1
47) Bromodichloromethane	9.459	83	2259	5.463	ug/l #	56
48) Methyl methacrylate	9.240	41	10361	51.761	ug/l #	46
51) 4-Methyl-2-Pentanone	10.106	43	1327	5.625	ug/l #	79
52) Toluene	10.246	92	1294	1.703	ug/l	98
55) 1,1,2-Trichloroethane	10.612	97	56838	231.503	ug/l #	19
56) Ethyl methacrylate	10.514	69	23406	70.324	ug/l #	25
59) 2-Hexanone	10.801	43	102857	635.561	ug/l #	33
67) Ethyl Benzene	11.587	91	21668	17.467	ug/l	99
68) m/p-Xylenes	11.709	106	4550	9.303	ug/l #	59
69) o-Xylene	12.026	106	26635	57.478	ug/l	91
70) Styrene	12.032	104	1855	2.386	ug/l #	1
73) Isopropylbenzene	12.331	105	44649	38.630	ug/l	98
74) N-amyl acetate	12.124	43	136723	424.062	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.556	83	5638	24.646	ug/l #	26
76) 1,2,3-Trichloropropane	12.617	75	314	1.852	ug/l #	100
77) Bromobenzene	12.599	156	543	1.912	ug/l #	1
78) n-propylbenzene	12.666	91	55135	39.424	ug/l	98
79) 2-Chlorotoluene	12.812	91	9942	12.617	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	81862	84.738	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.325	75	718	8.439	ug/l #	46

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

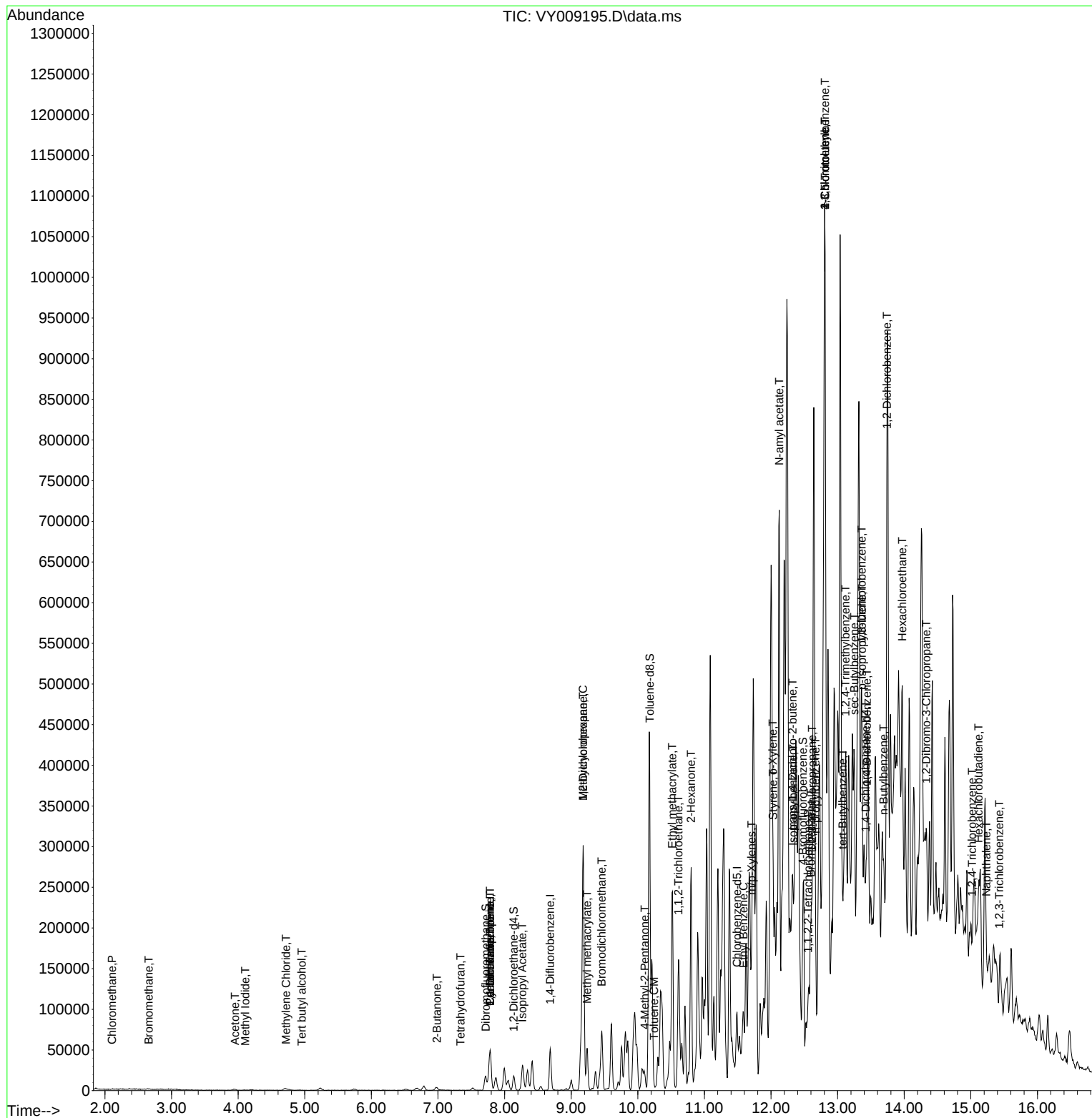
82) 4-Chlorotoluene	12.812	91	9669	11.760	ug/l	95
83) tert-Butylbenzene	13.075	119	5692	6.701	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	76451	80.625	ug/l	93
85) sec-Butylbenzene	13.251	105	64869	51.577	ug/l #	75
86) p-Isopropyltoluene	13.367	119	31049	29.749	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	812	1.483	ug/l #	1
88) 1,4-Dichlorobenzene	13.440	146	1125	2.024	ug/l #	1
89) n-Butylbenzene	13.690	91	46136	46.746	ug/l #	71
90) Hexachloroethane	13.971	117	7070	35.925	ug/l #	6
91) 1,2-Dichlorobenzene	13.739	146	2581	5.211	ug/l #	64
92) 1,2-Dibromo-3-Chloropr...	14.331	75	460	11.144	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.019	180	1544	4.958	ug/l #	1
94) Hexachlorobutadiene	15.117	225	265	1.548	ug/l #	66
95) Naphthalene	15.233	128	21070	32.441	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.428	180	330	1.204	ug/l #	1

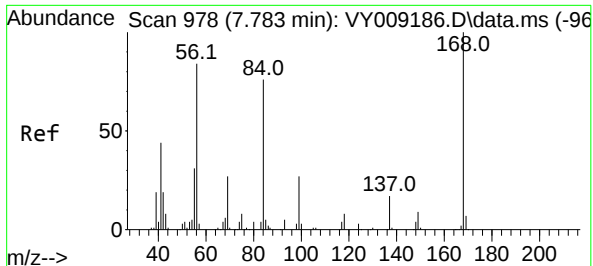
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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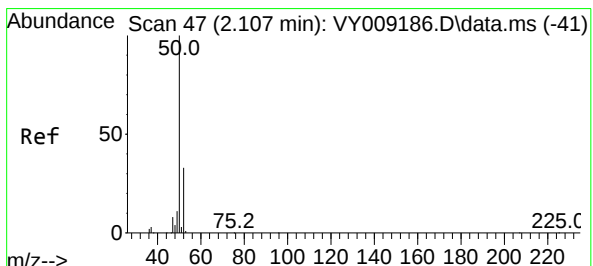
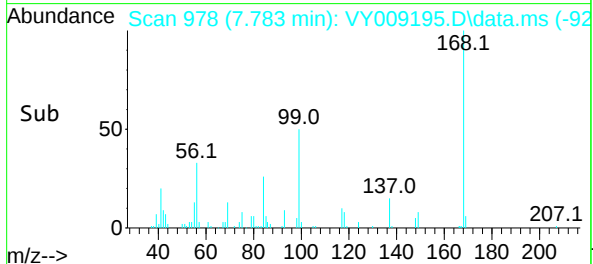
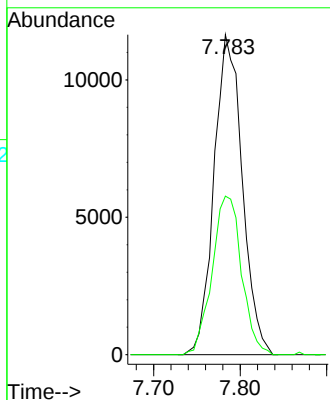
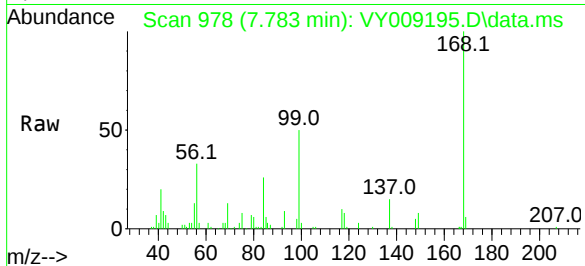




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

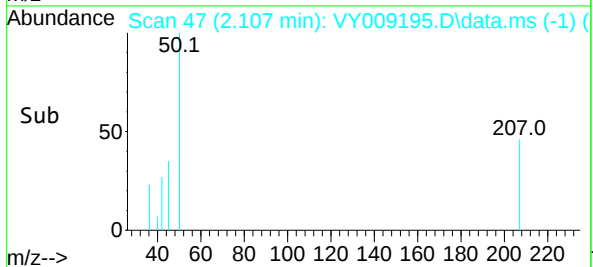
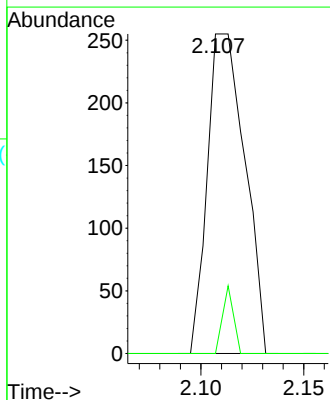
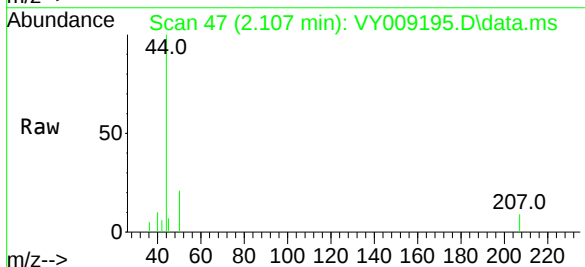
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

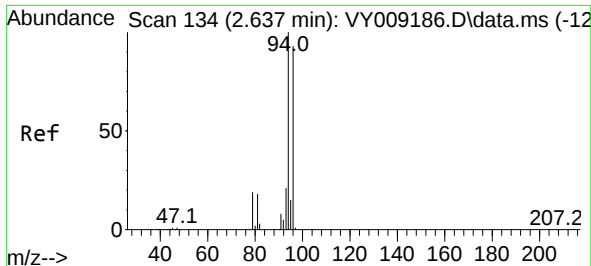
Tgt Ion:168 Resp: 26341
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#3
Chloromethane
Concen: 1.312 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 50 Resp: 324
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0

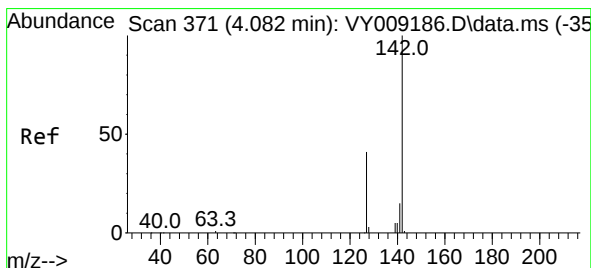
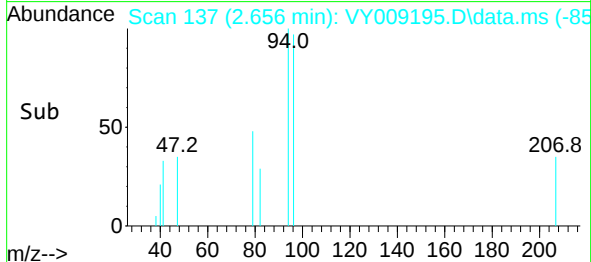
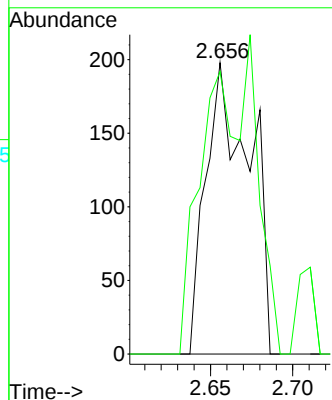
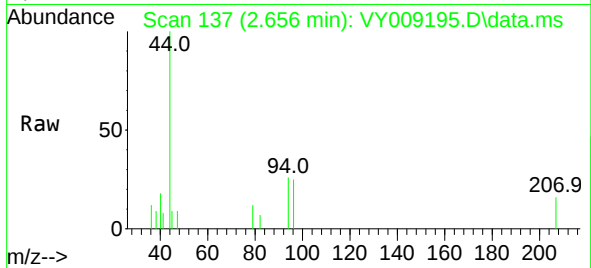




#5
Bromomethane
Concen: 2.009 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

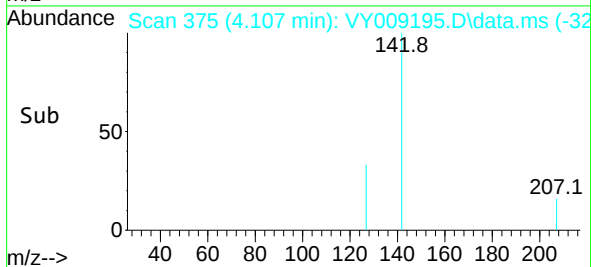
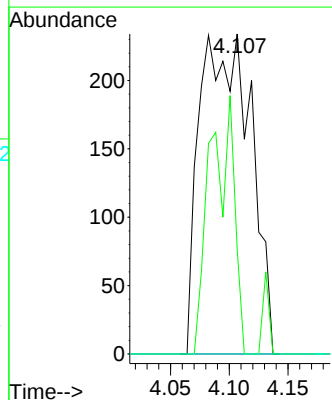
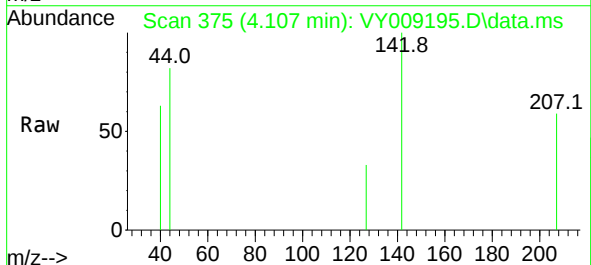
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

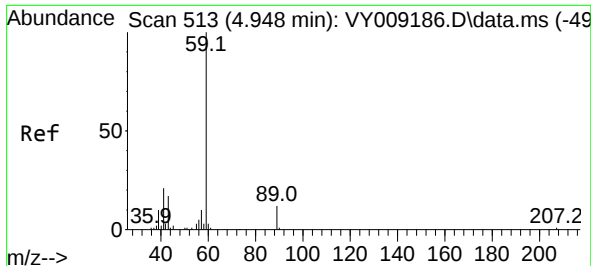
Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 97.0 73.5 110.3



#10
Methyl Iodide
Concen: 2.173 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.025 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion:142 Resp: 707
Ion Ratio Lower Upper
142 100
127 38.5 41.5 62.3#
141 0.0 11.9 17.9#

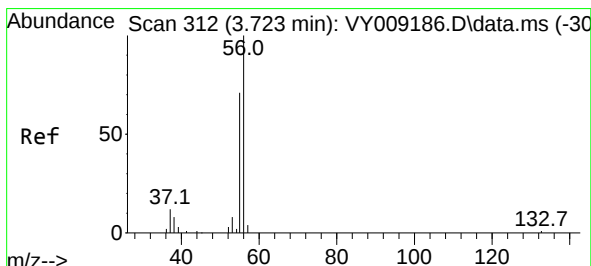
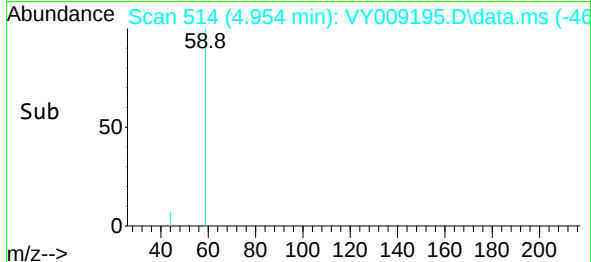
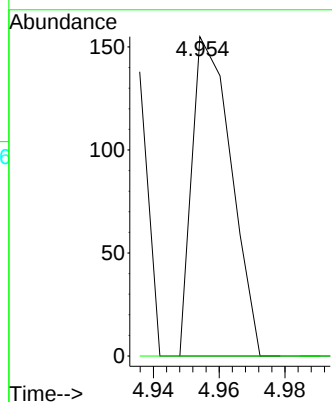
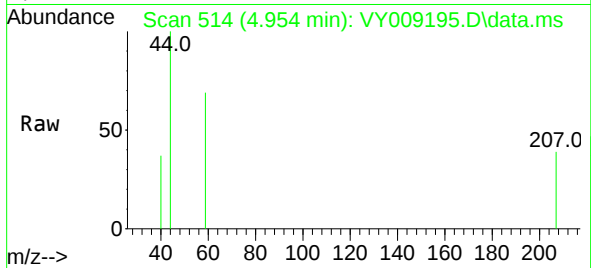




#11
Tert butyl alcohol
Concen: 2.932 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

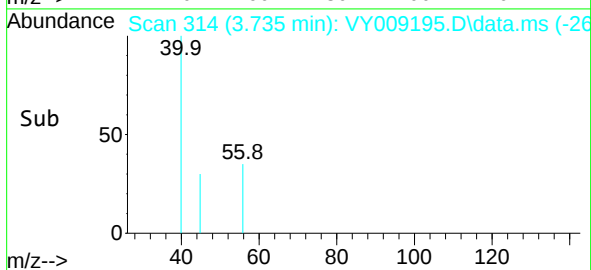
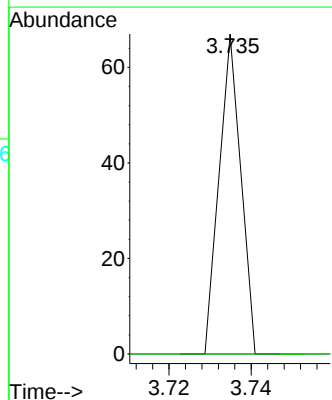
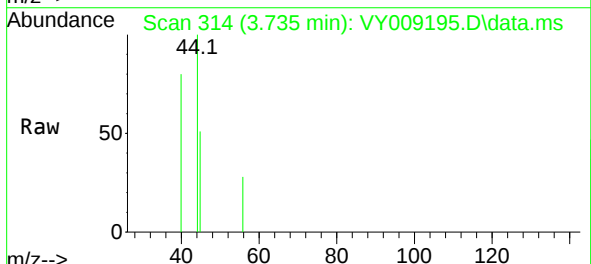
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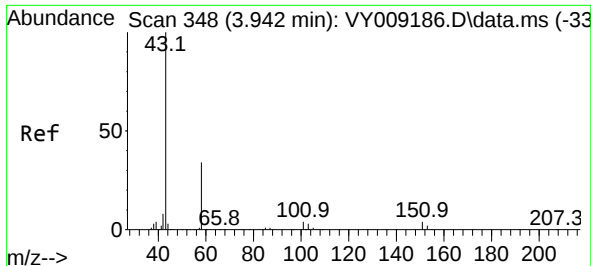
Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

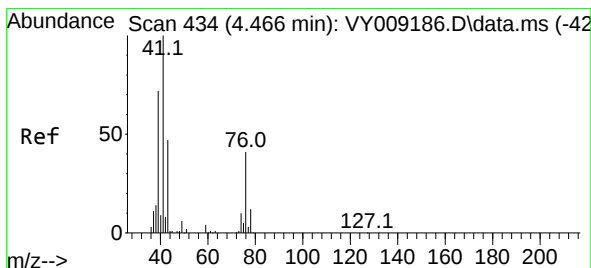
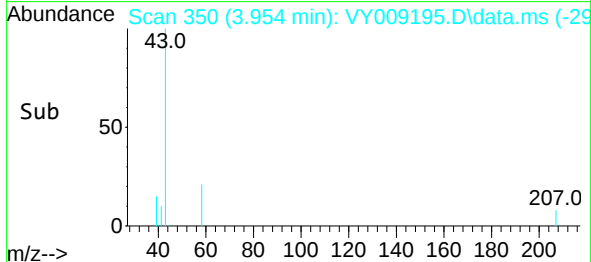
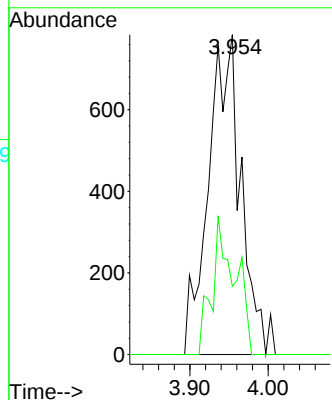
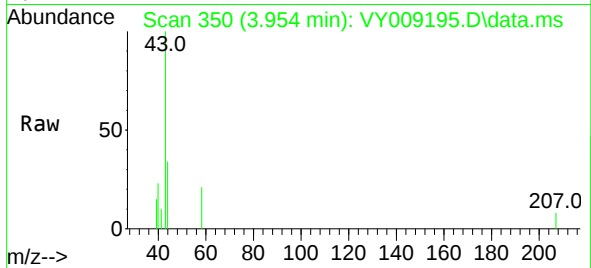




#16
Acetone
Concen: 32.607 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

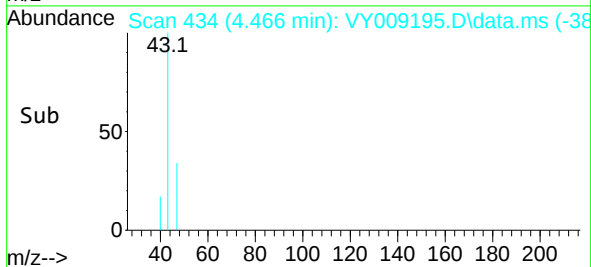
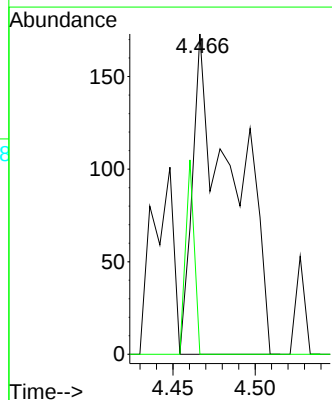
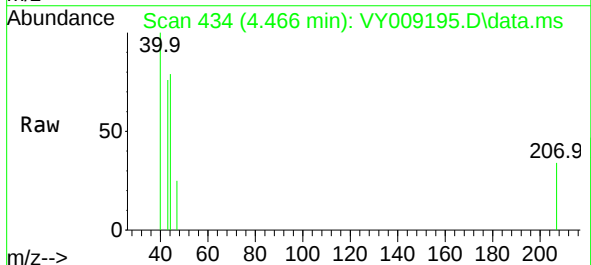
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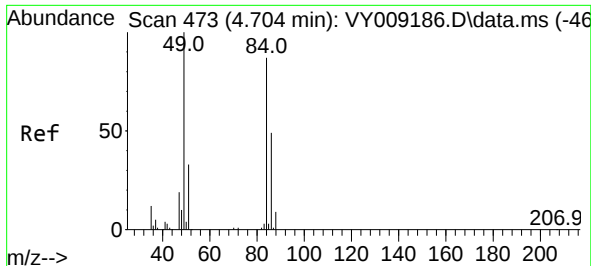
Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 21.3 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

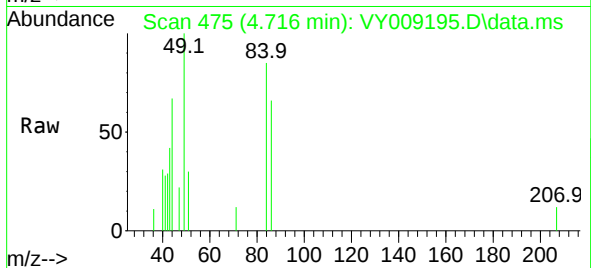
Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
74 12.7 16.6 24.8#





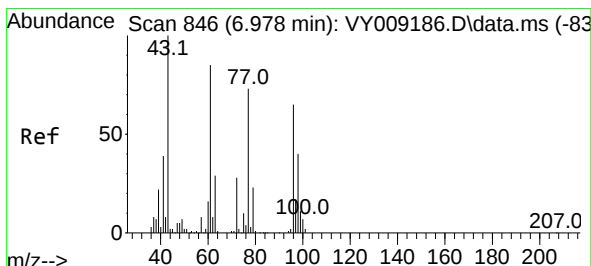
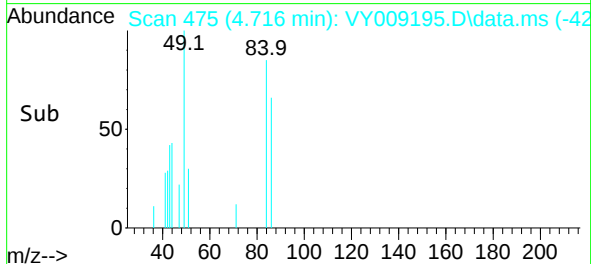
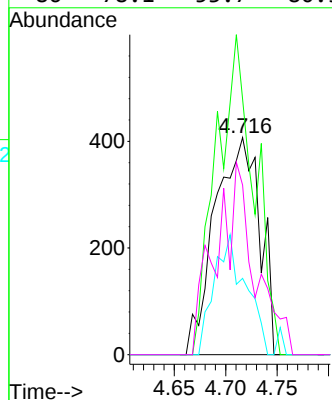
#20
Methylene Chloride
Concen: 1.151 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

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Tgt Ion: 84 Resp: 1236

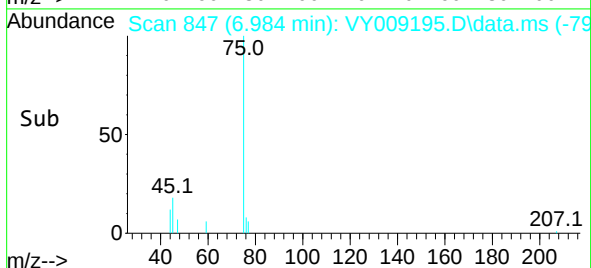
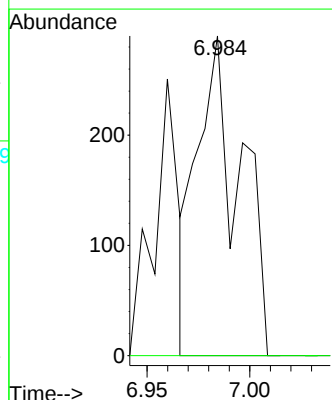
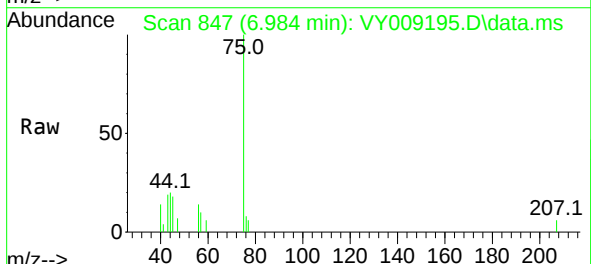
Ion	Ratio	Lower	Upper
84	100		
49	117.7	114.4	171.6
51	35.1	35.3	52.9#
86	78.1	53.7	80.5

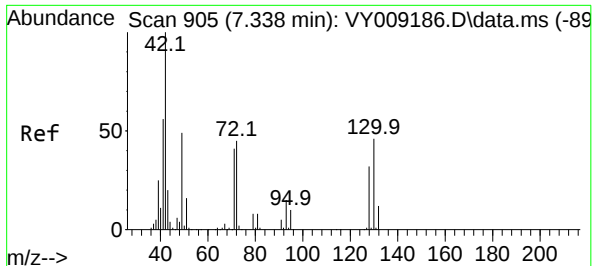


#25
2-Butanone
Concen: 3.811 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 43 Resp: 418

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#29

Tetrahydrofuran

Concen: 1.071 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009195.D

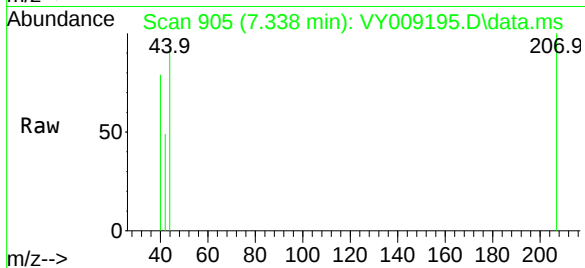
Acq: 16 Jun 2022 11:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-7



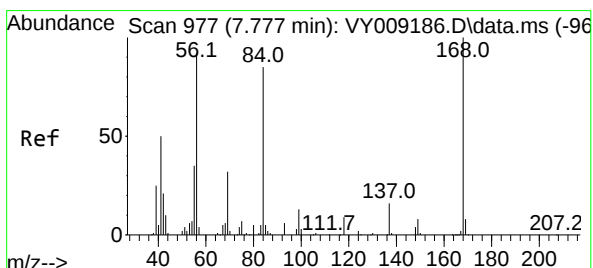
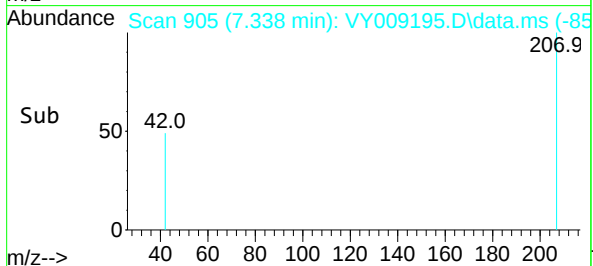
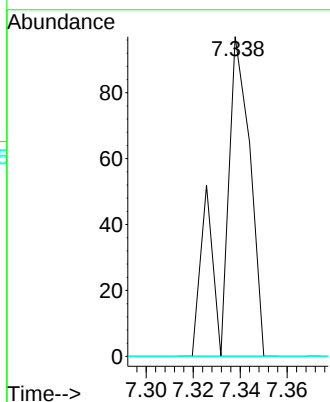
Tgt Ion: 42 Resp: 78

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#31

Cyclohexane

Concen: 22.175 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

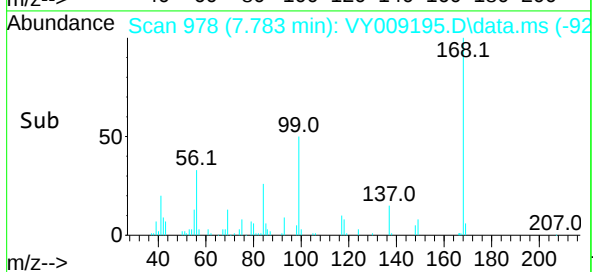
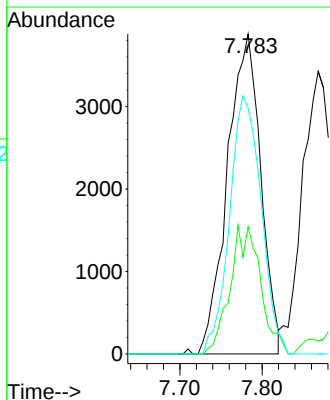
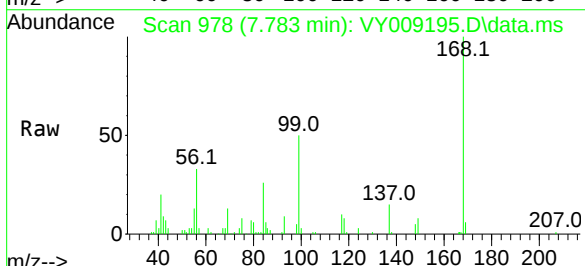
Tgt Ion: 56 Resp: 10930

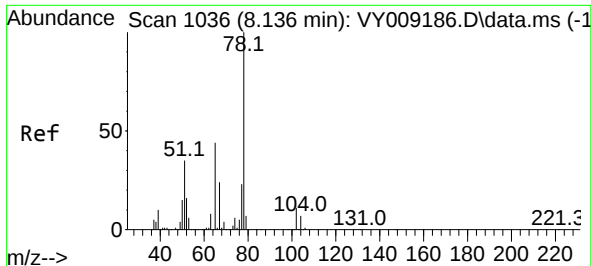
Ion Ratio Lower Upper

56 100

69 39.7 26.7 40.1

84 76.9 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 46.551 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

Instrument :

MSVOA_Y

ClientSampleId :

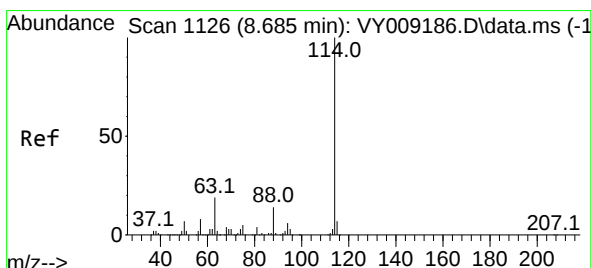
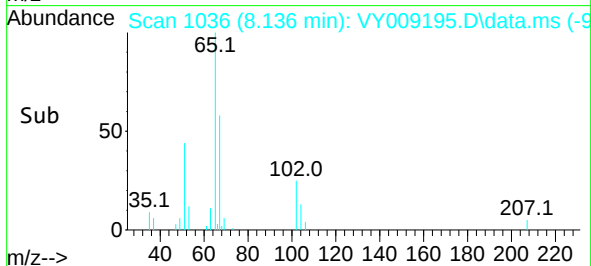
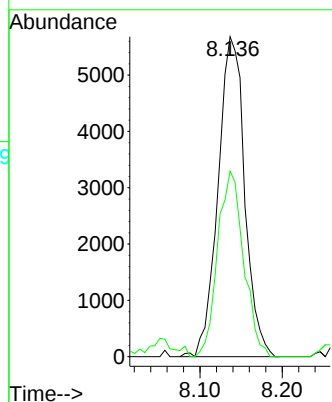
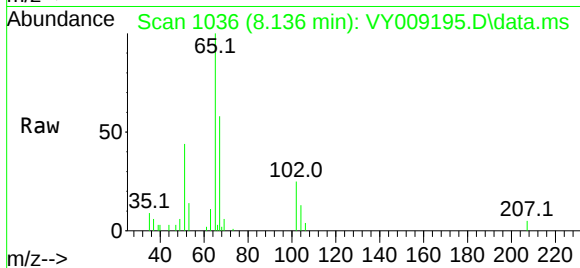
WC-14A-1A-7

Tgt Ion: 65 Resp: 12809

Ion Ratio Lower Upper

65 100

67 56.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

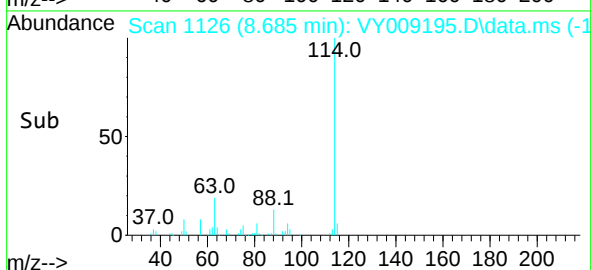
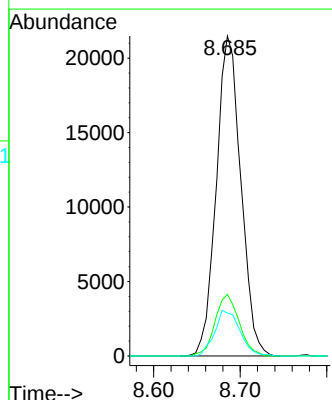
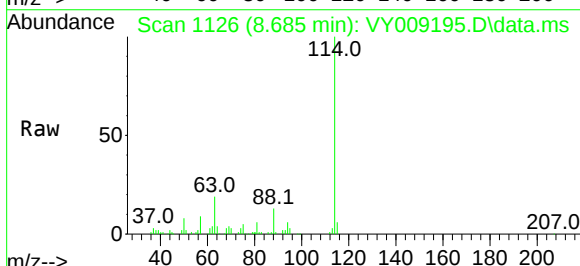
Tgt Ion: 114 Resp: 42249

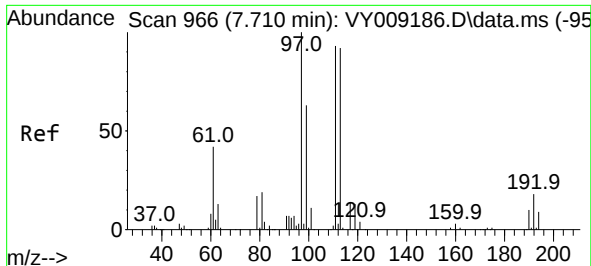
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.665 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-7

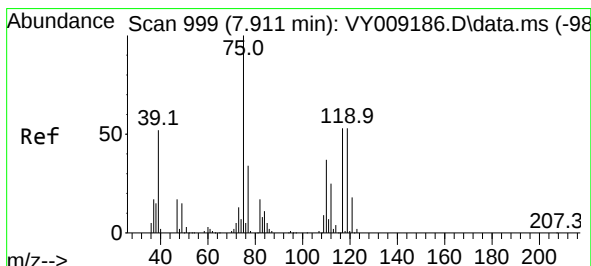
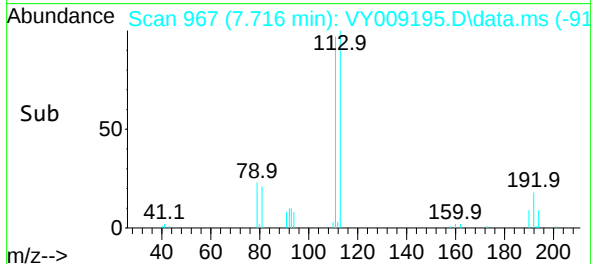
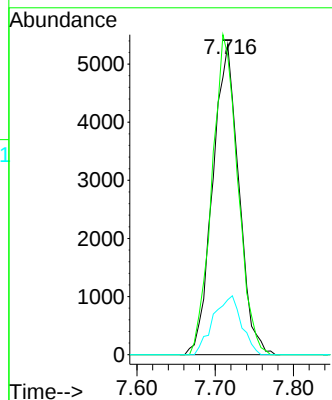
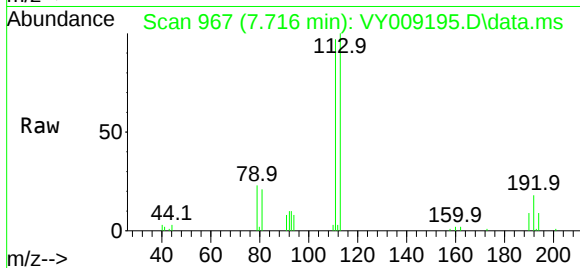
Tgt Ion:113 Resp: 12361

Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 20.5 17.6 26.4



#36

1,1-Dichloropropene

Concen: 5.387 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

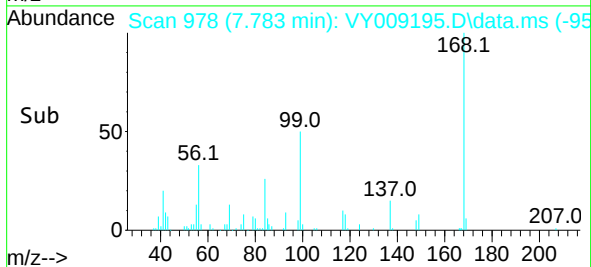
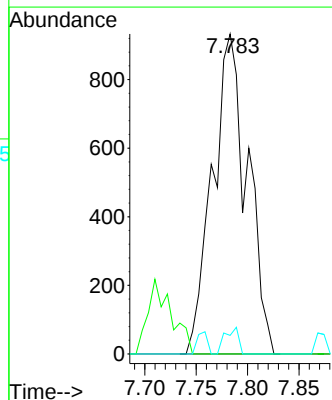
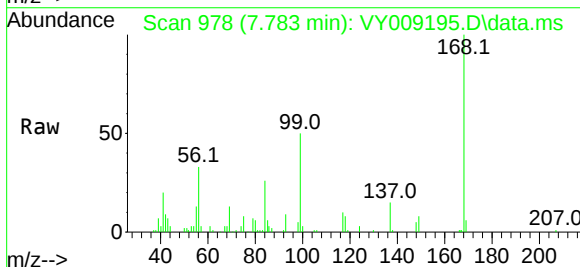
Tgt Ion: 75 Resp: 2195

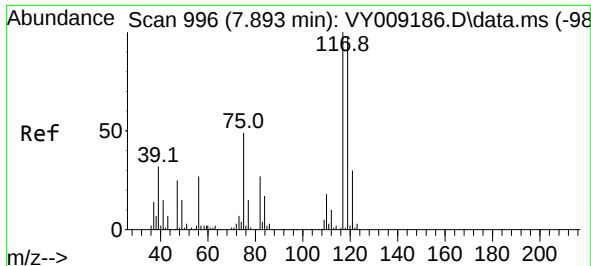
Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 3.2 24.4 36.6#

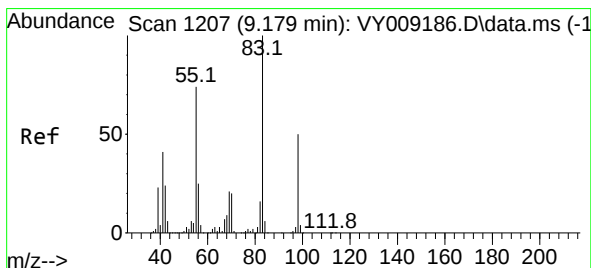
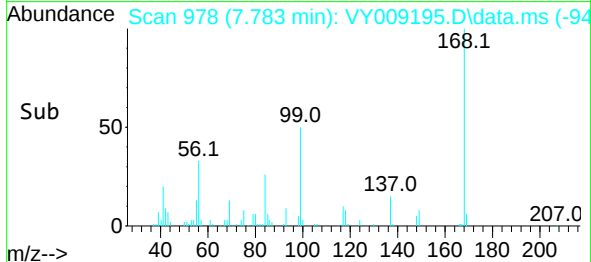
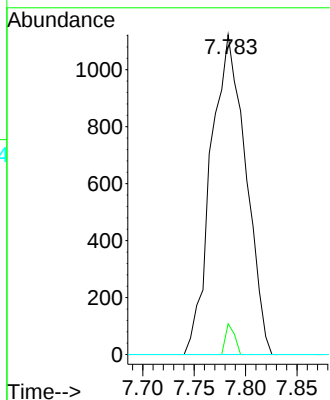
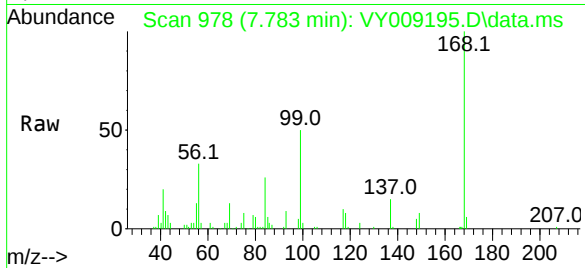




#38
Carbon Tetrachloride
Concen: 6.273 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

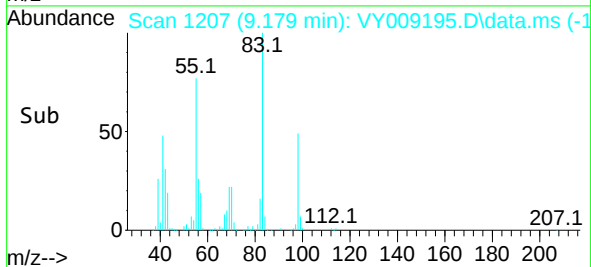
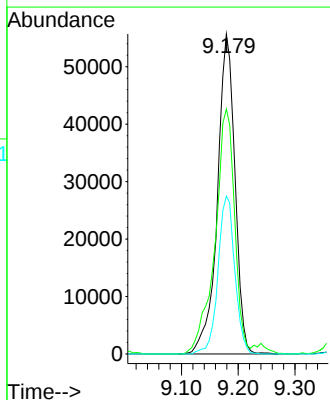
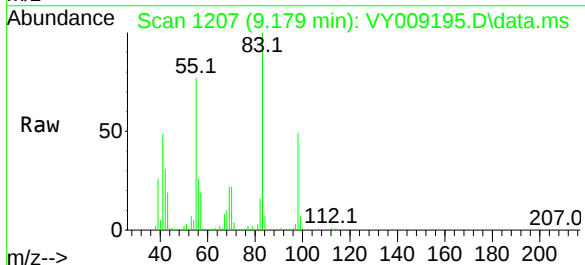
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

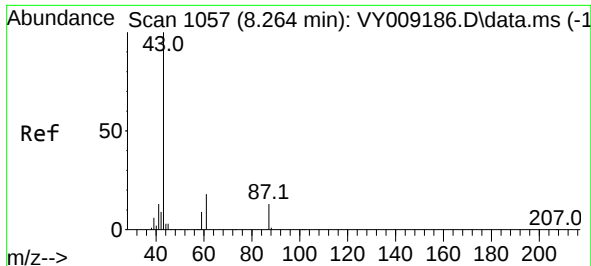
Tgt Ion:117 Resp: 2643
Ion Ratio Lower Upper
117 100
119 9.6 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 244.447 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 83 Resp: 120081
Ion Ratio Lower Upper
83 100
55 76.5 66.5 99.7
98 49.3 37.9 56.9

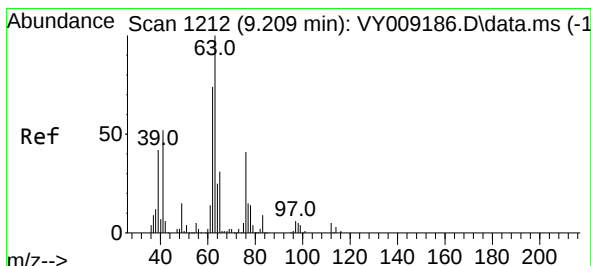
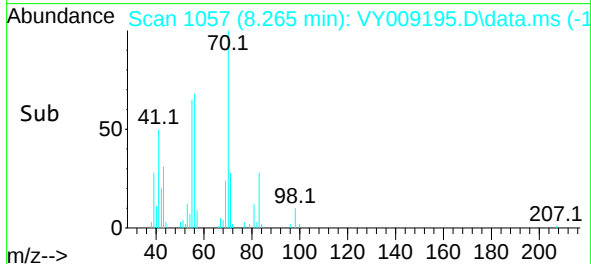
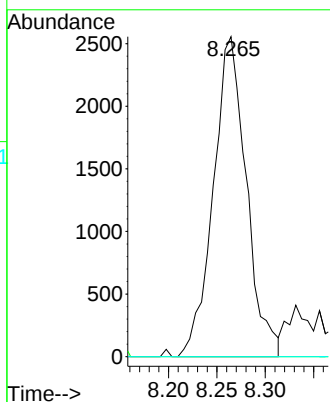
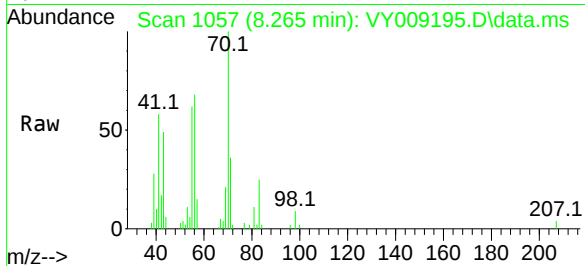




#43
Isopropyl Acetate
Concen: 13.546 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

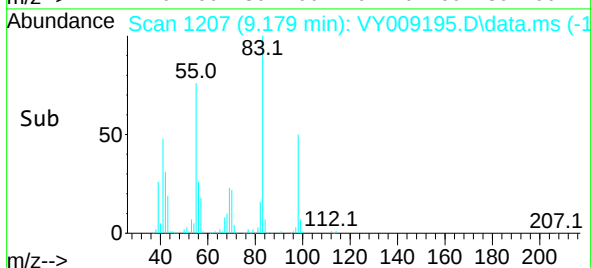
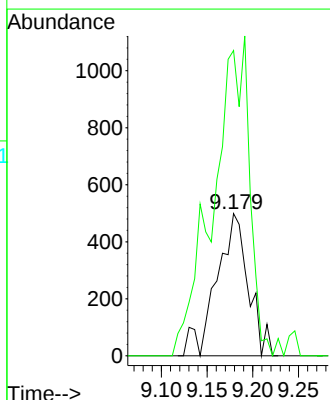
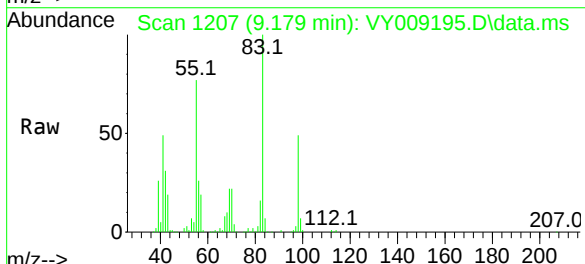
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

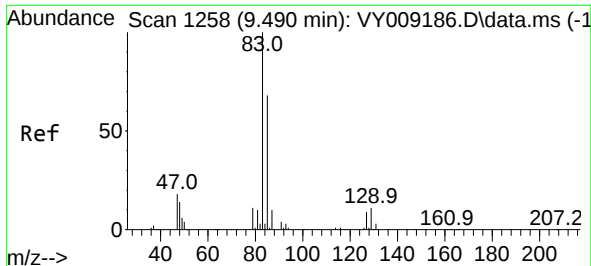
Tgt Ion: 43 Resp: 6075
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 3.995 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.030 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 63 Resp: 1205
Ion Ratio Lower Upper
63 100
65 202.4 23.0 34.6#

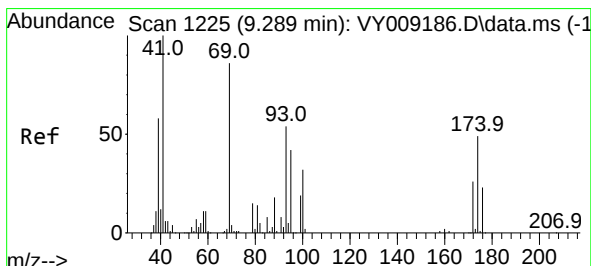
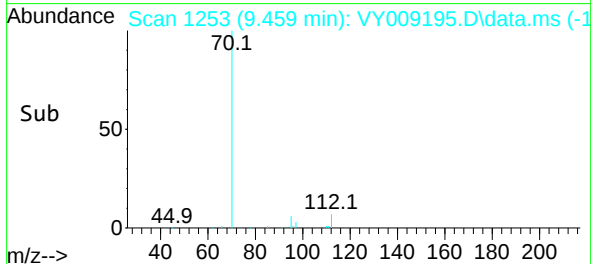
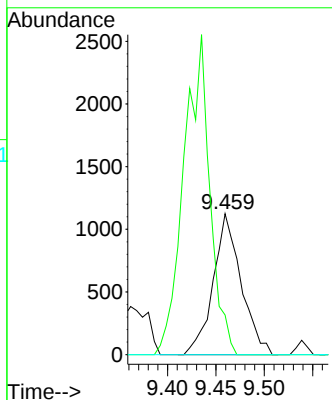
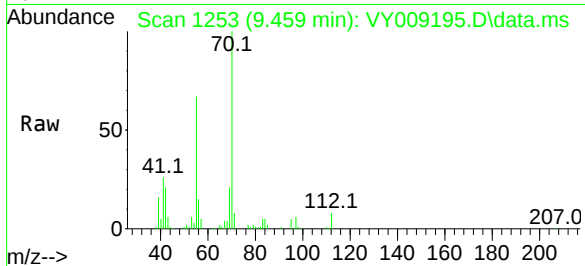




#47
Bromodichloromethane
Concen: 5.463 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

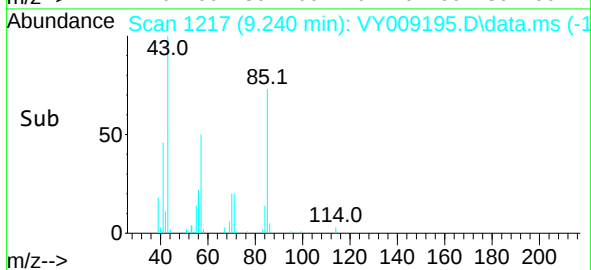
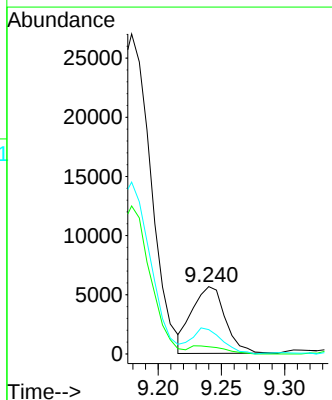
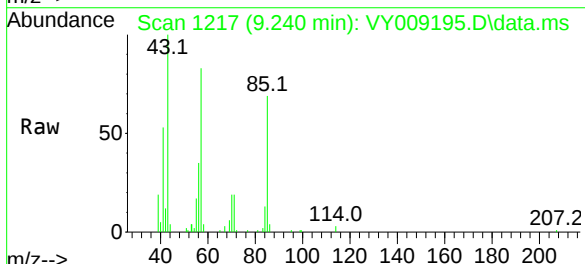
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

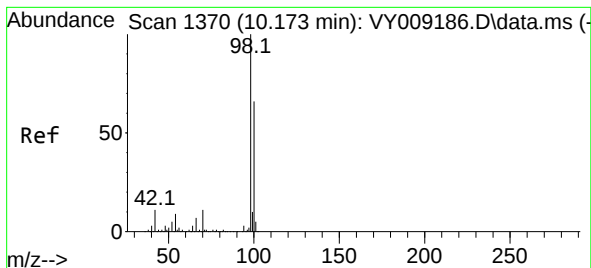
Tgt Ion: 83 Resp: 2259
Ion Ratio Lower Upper
83 100
85 28.1 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 51.761 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.049 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 41 Resp: 10361
Ion Ratio Lower Upper
41 100
69 11.9 58.2 87.2#
39 36.1 47.4 71.0#





#50

Toluene-d8

Concen: 64.671 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

Instrument :

MSVOA_Y

ClientSampleId :

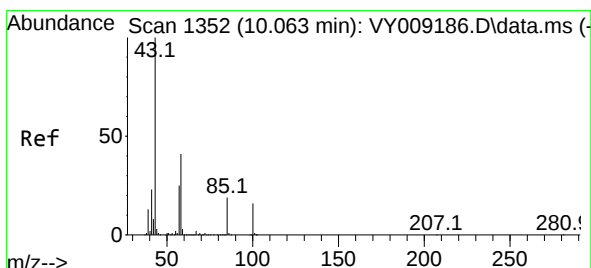
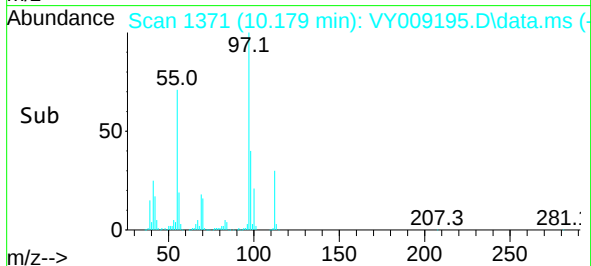
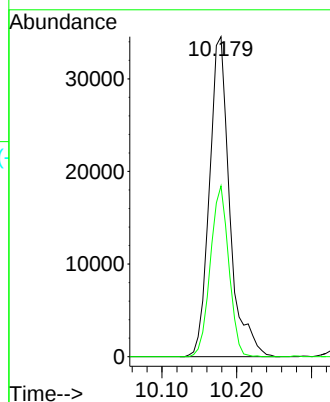
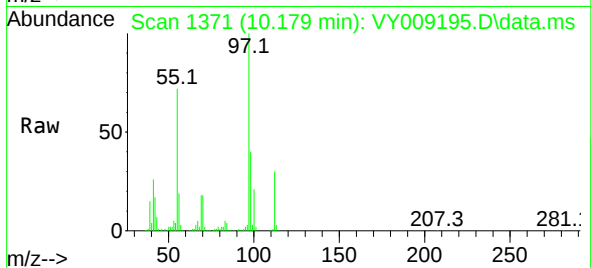
WC-14A-1A-7

Tgt Ion: 98 Resp: 65210

Ion Ratio Lower Upper

98 100

100 48.4 50.2 75.2#



#51

4-Methyl-2-Pentanone

Concen: 5.625 ug/l

RT: 10.106 min Scan# 1359

Delta R.T. 0.043 min

Lab File: VY009195.D

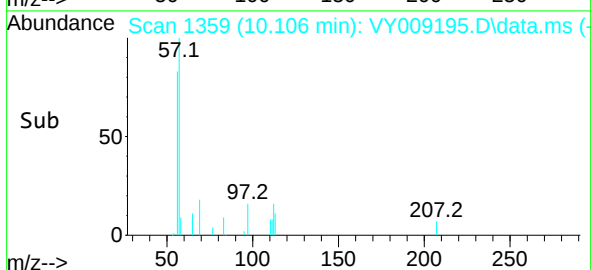
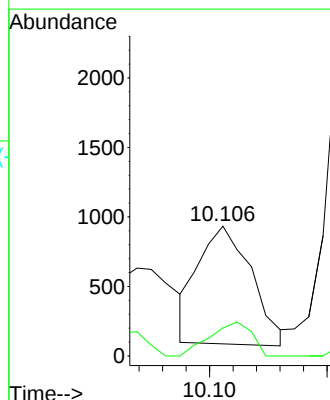
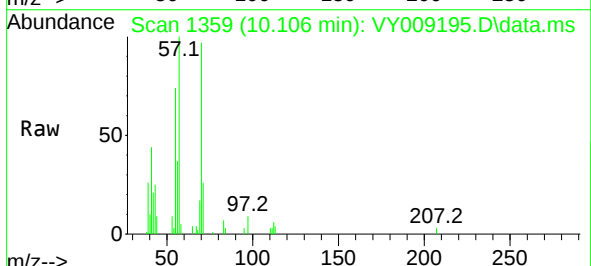
Acq: 16 Jun 2022 11:59

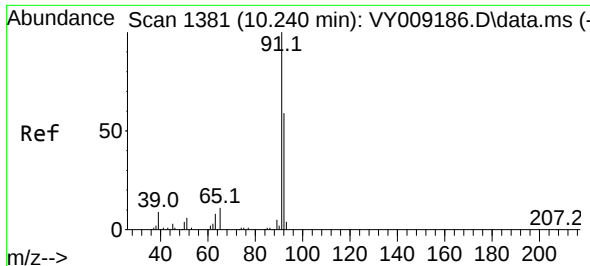
Tgt Ion: 43 Resp: 1327

Ion Ratio Lower Upper

43 100

58 22.8 28.1 42.1#

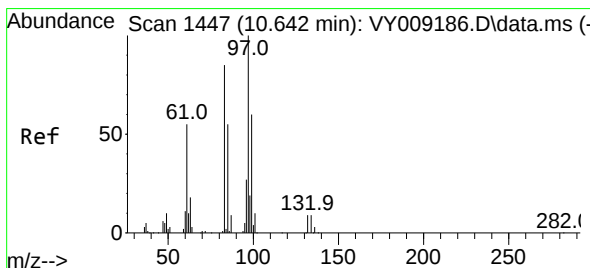
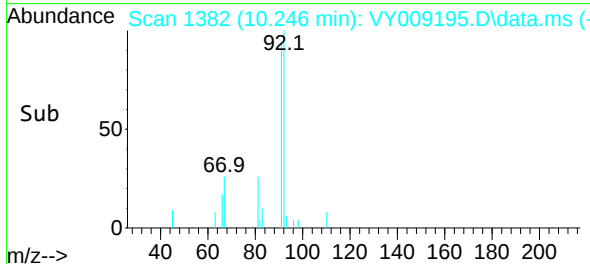
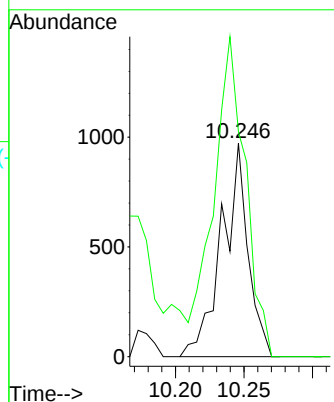
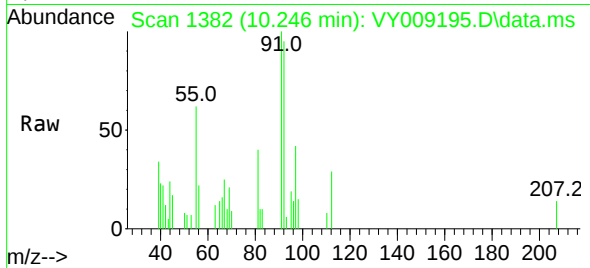




#52
Toluene
Concen: 1.703 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

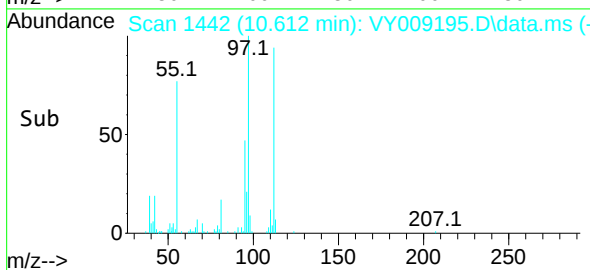
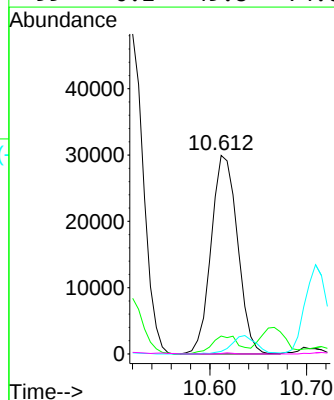
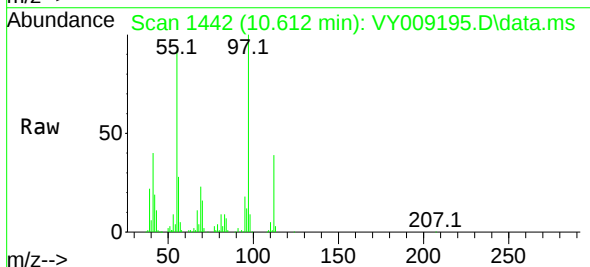
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

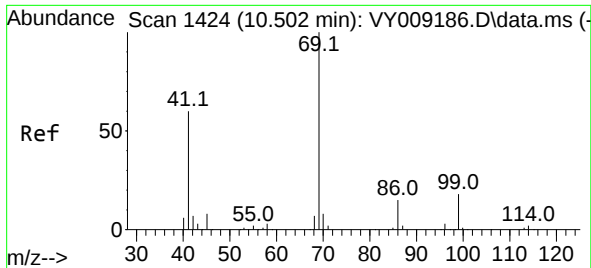
Tgt Ion: 92 Resp: 1294
Ion Ratio Lower Upper
92 100
91 181.7 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 231.503 ug/l
RT: 10.612 min Scan# 1442
Delta R.T. -0.030 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 97 Resp: 56838
Ion Ratio Lower Upper
97 100
83 9.0 69.8 104.8#
85 1.3 44.3 66.5#
99 0.2 49.8 74.6#

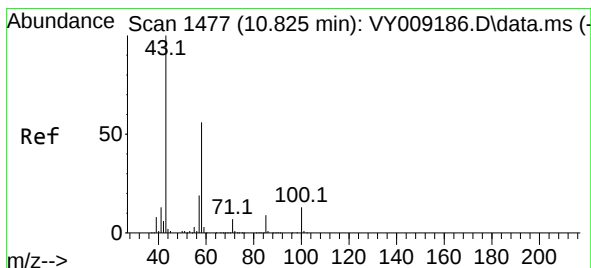
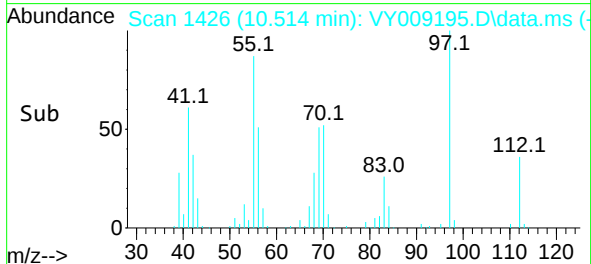
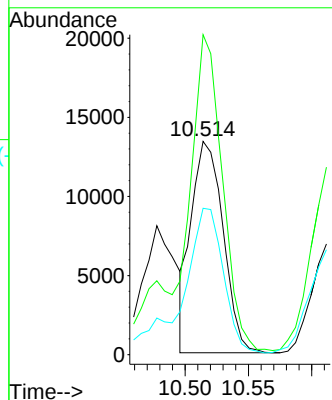
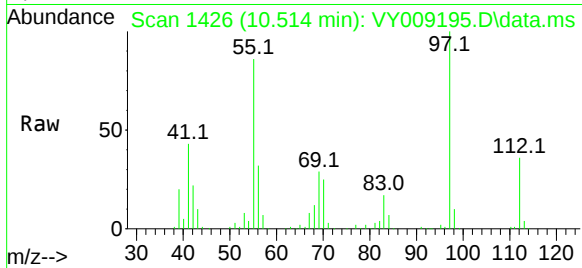




#56
Ethyl methacrylate
Concen: 70.324 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.012 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

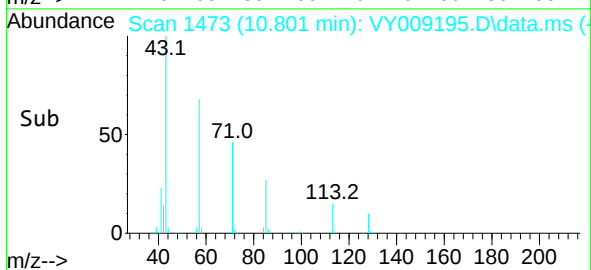
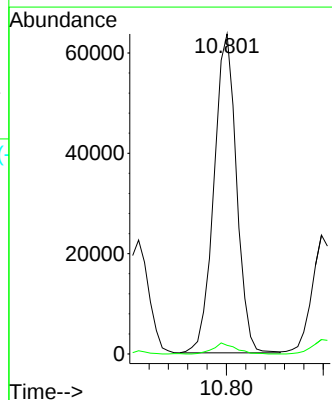
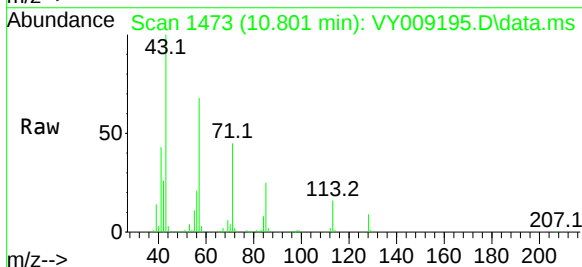
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

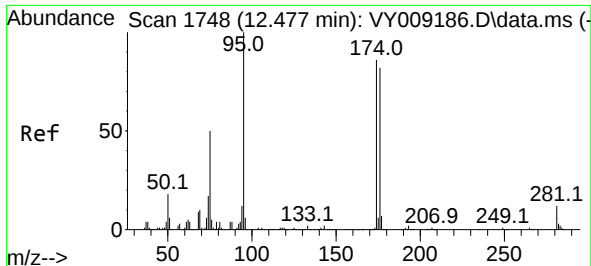
Tgt Ion: 69 Resp: 23406
Ion Ratio Lower Upper
69 100
41 146.4 63.4 95.0#
39 91.1 35.8 53.8#



#59
2-Hexanone
Concen: 635.561 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.024 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 43 Resp: 102857
Ion Ratio Lower Upper
43 100
58 3.4 24.4 73.4#

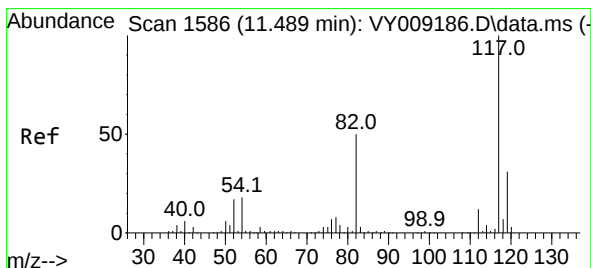
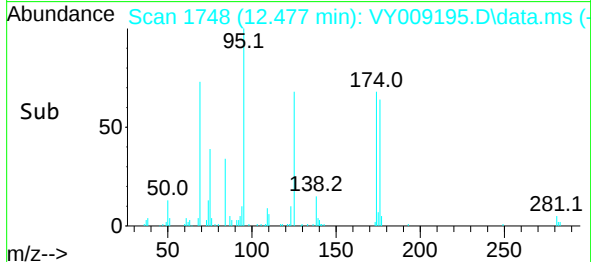
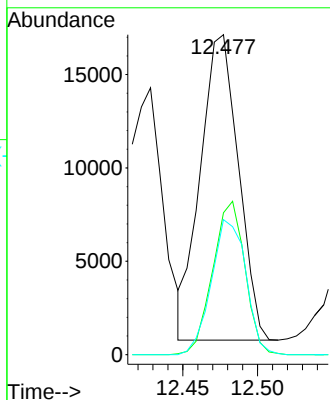
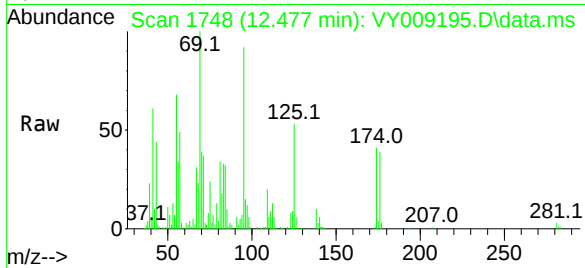




#62
4-Bromofluorobenzene
Concen: 80.770 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

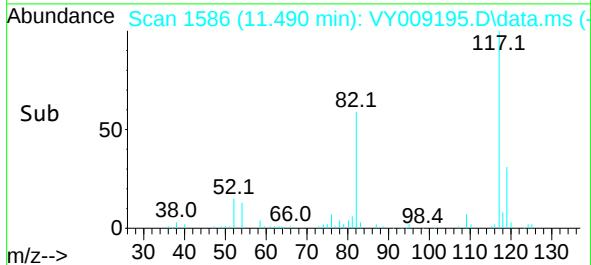
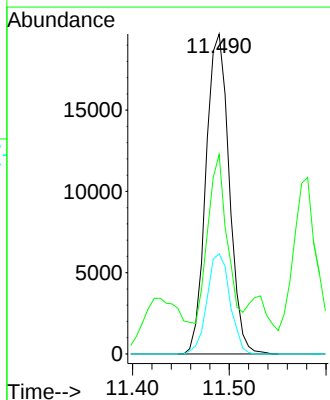
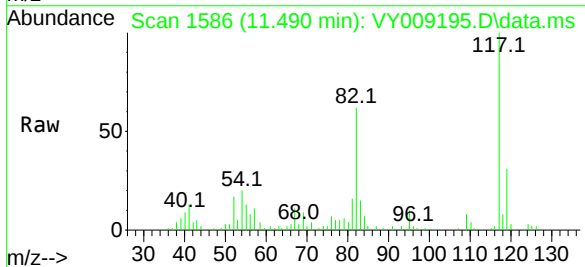
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

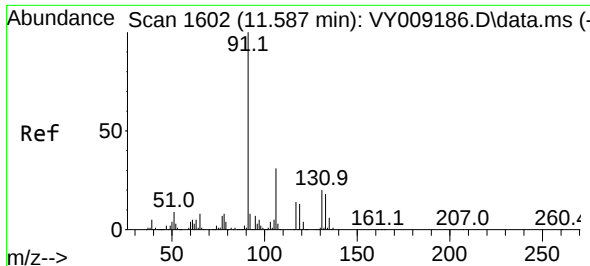
Tgt Ion: 95 Resp: 28941
Ion Ratio Lower Upper
95 100
174 42.5 0.0 177.0
176 40.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 117 Resp: 32818
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.3 25.4 38.0





#67

Ethyl Benzene

Concen: 17.467 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

Instrument :

MSVOA_Y

ClientSampleId :

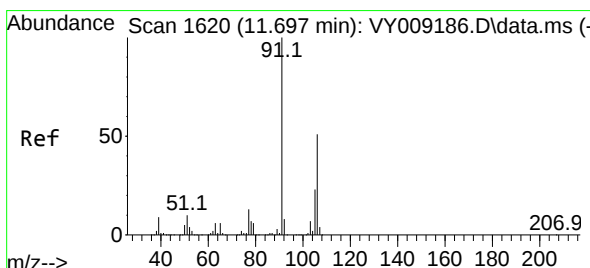
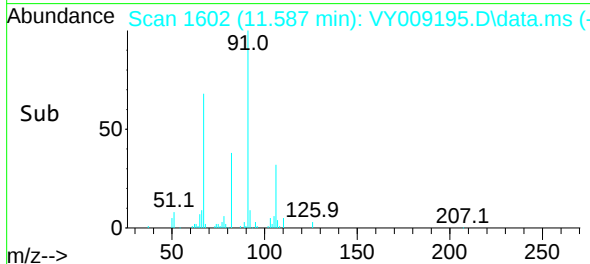
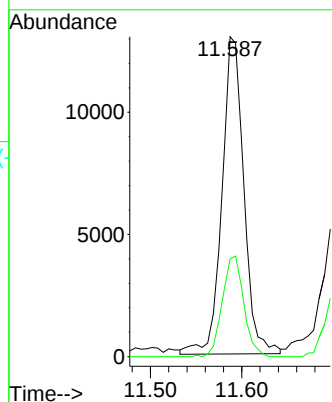
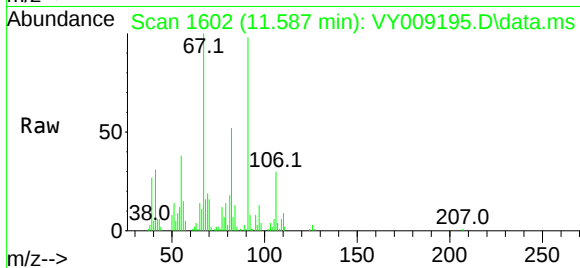
WC-14A-1A-7

Tgt Ion: 91 Resp: 21668

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 9.303 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.012 min

Lab File: VY009195.D

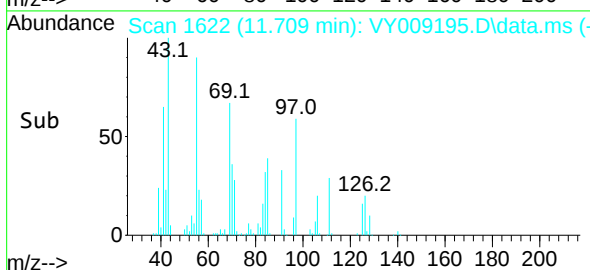
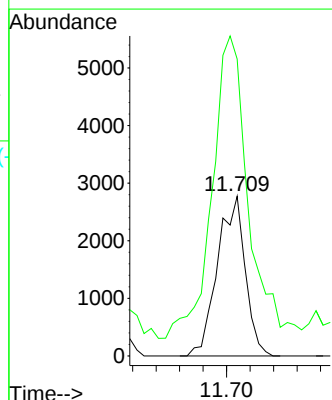
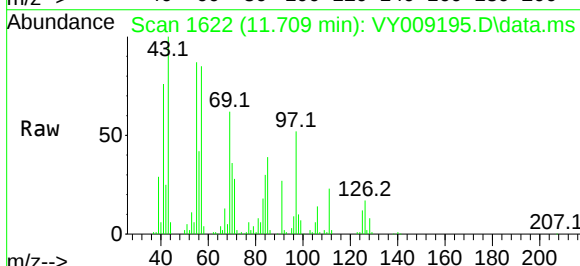
Acq: 16 Jun 2022 11:59

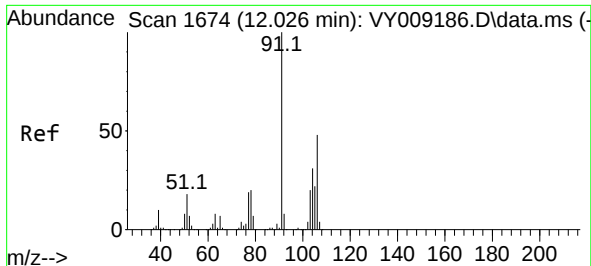
Tgt Ion:106 Resp: 4550

Ion Ratio Lower Upper

106 100

91 271.3 166.6 249.8#

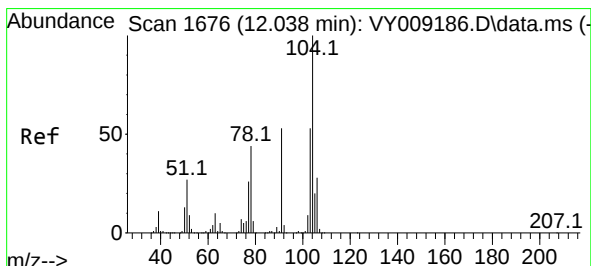
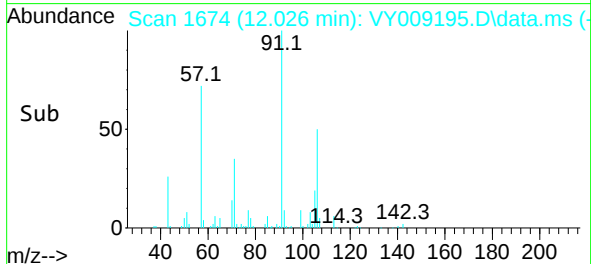
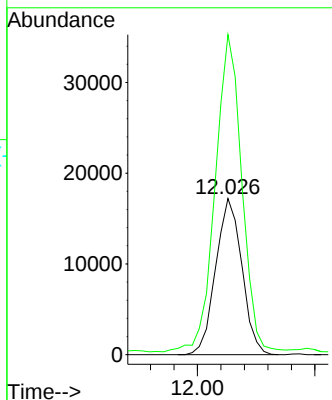
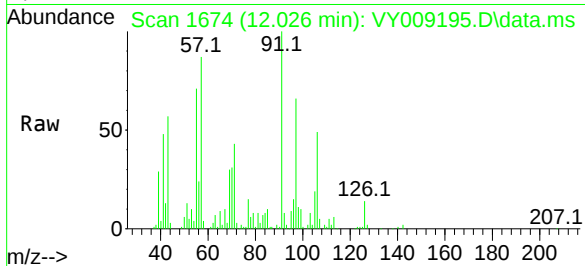




#69
o-Xylene
Concen: 57.478 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

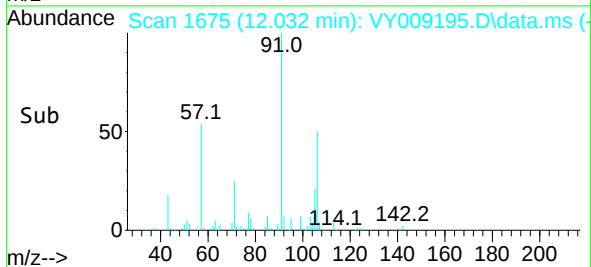
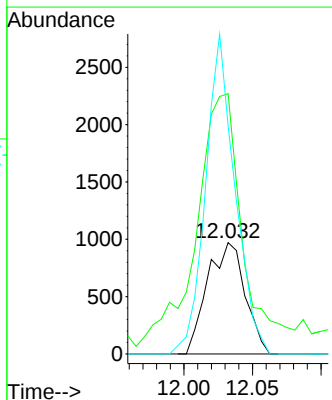
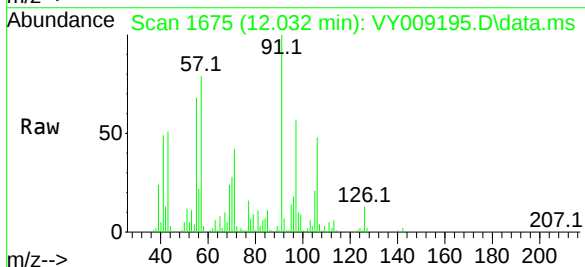
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

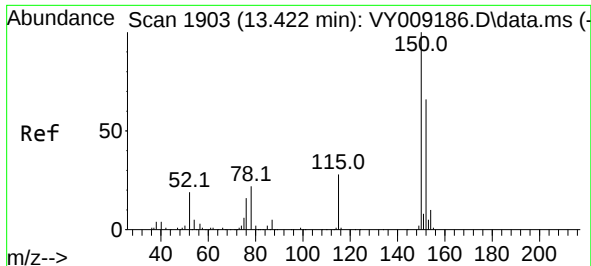
Tgt Ion:106 Resp: 26635
Ion Ratio Lower Upper
106 100
91 205.9 110.3 331.0



#70
Styrene
Concen: 2.386 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion:104 Resp: 1855
Ion Ratio Lower Upper
104 100
78 274.9 42.4 63.6#
103 224.8 44.4 66.6#

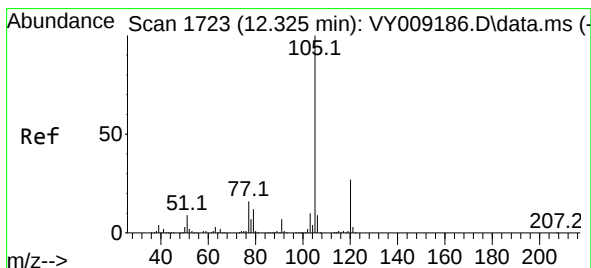
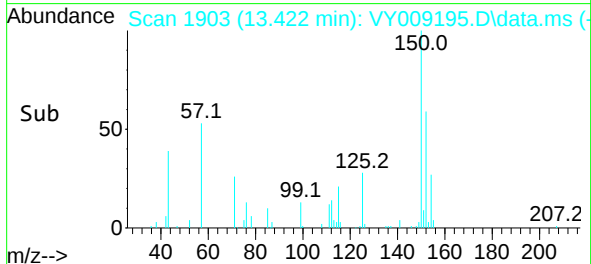
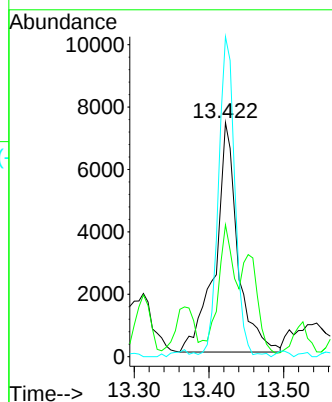
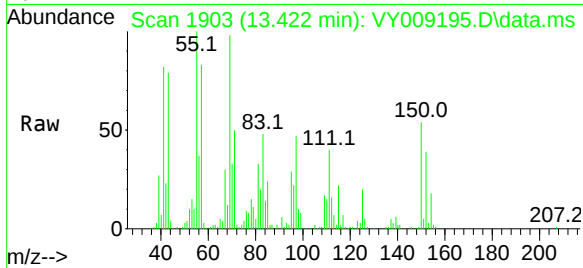




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

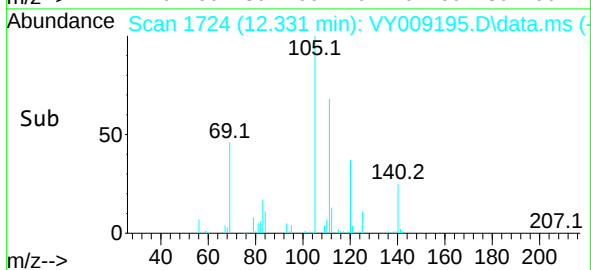
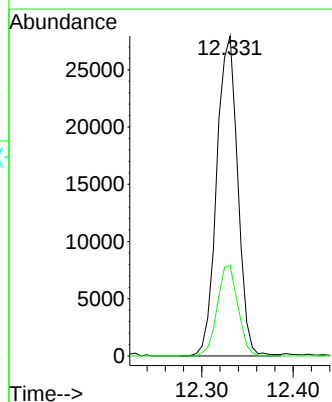
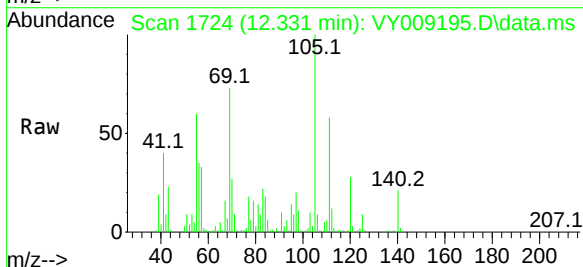
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

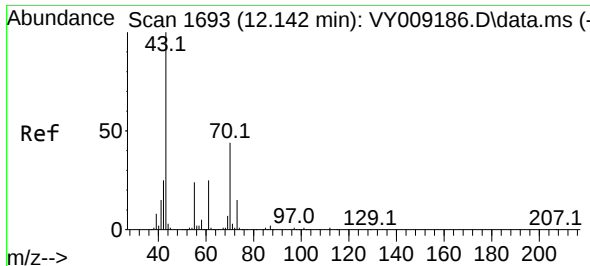
Tgt Ion:152 Resp: 15357
Ion Ratio Lower Upper
152 100
115 37.1 28.2 84.7
150 102.4 0.0 347.6



#73
Isopropylbenzene
Concen: 38.630 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion:105 Resp: 44649
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2

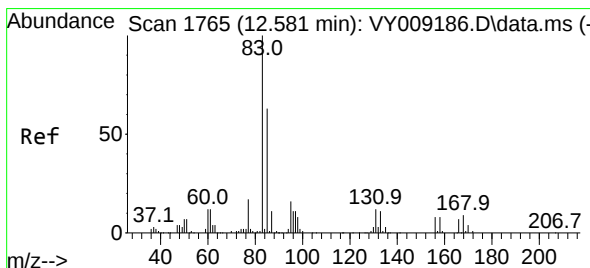
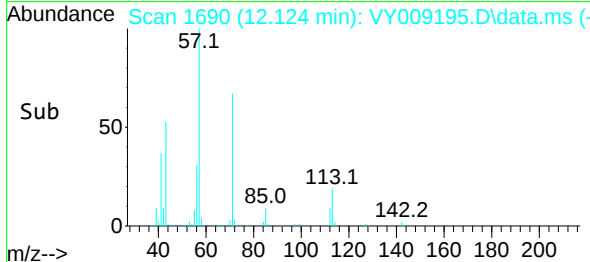
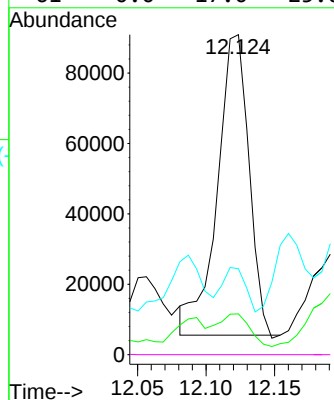
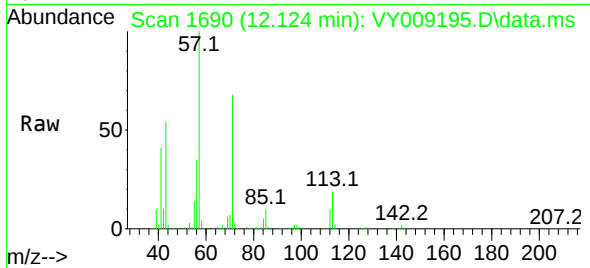




#74
N-amy1 acetate
Concen: 424.062 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

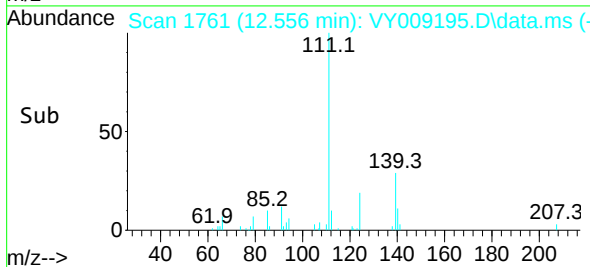
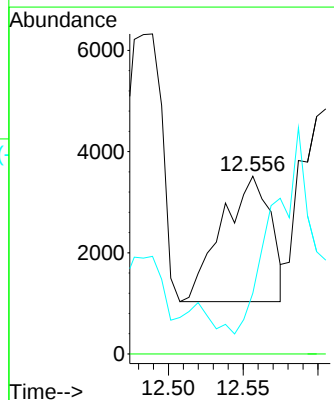
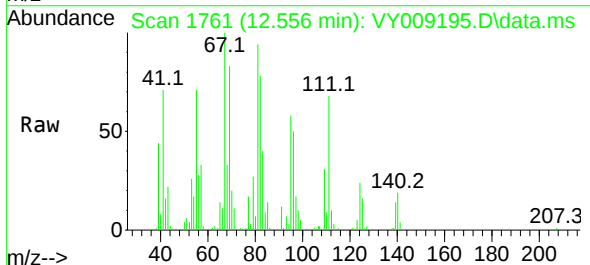
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

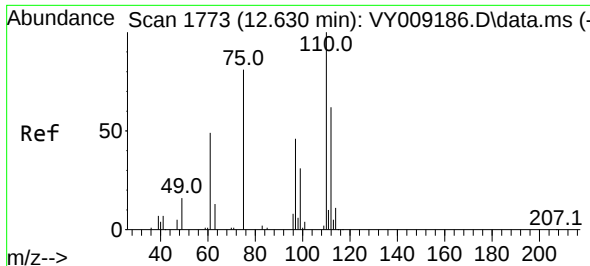
Tgt Ion: 43 Resp: 136723
Ion Ratio Lower Upper
43 100
70 9.5 28.7 43.1#
55 15.7 17.3 25.9#
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 24.646 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.024 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 83 Resp: 5638
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#

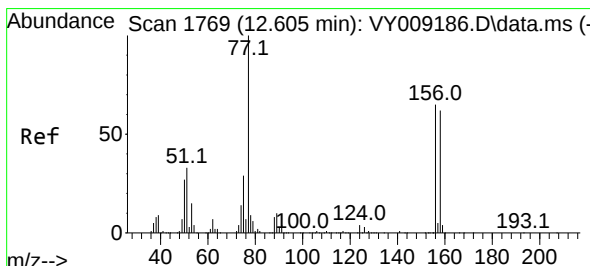
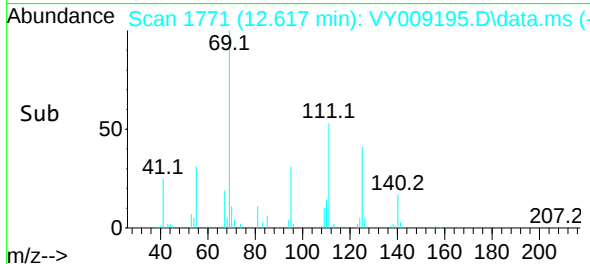
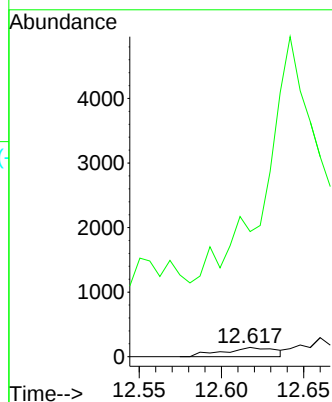
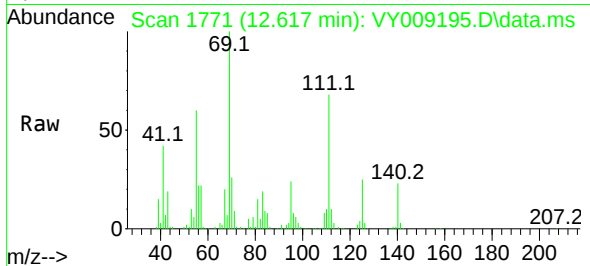




#76
1,2,3-Trichloropropane
Concen: 1.852 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.012 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

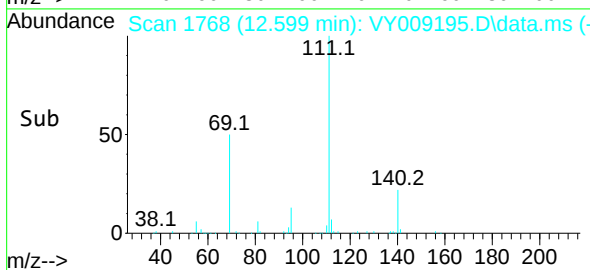
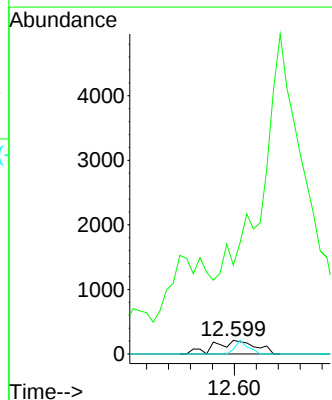
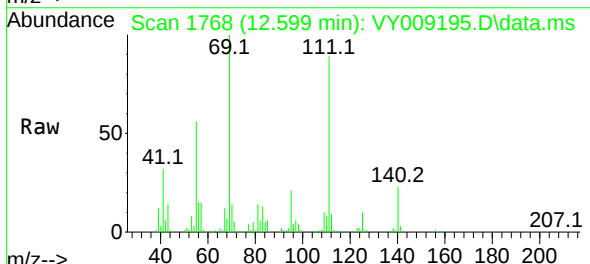
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

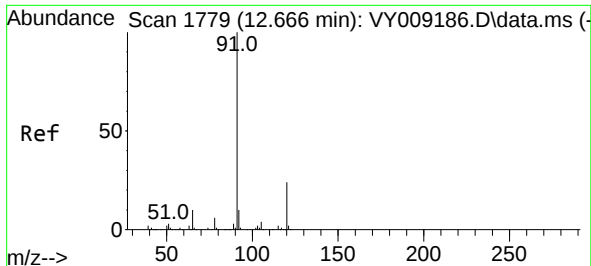
Tgt Ion: 75 Resp: 314
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 1.912 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 156 Resp: 543
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 31.1 48.0 144.0#

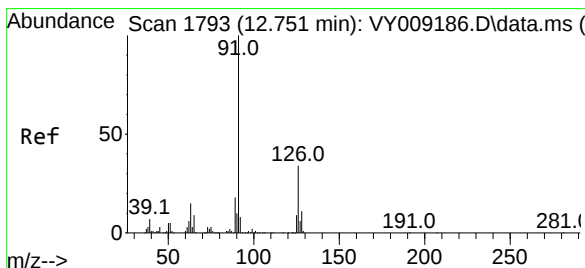
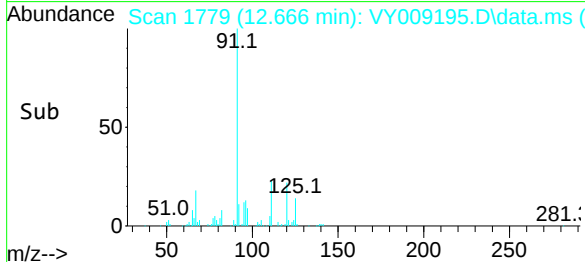
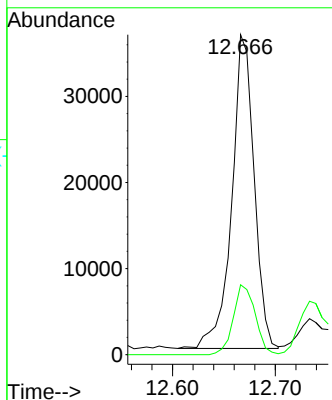
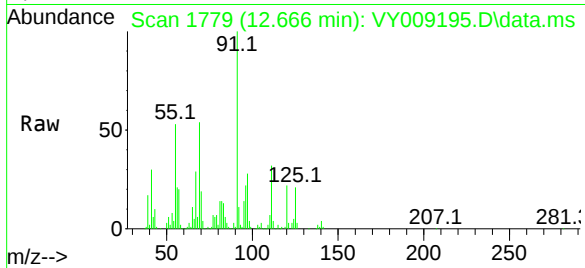




#78
n-propylbenzene
Concen: 39.424 ug/l
RT: 12.666 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

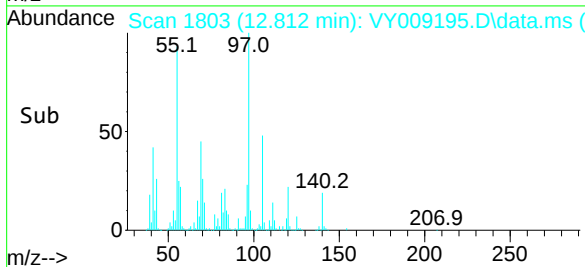
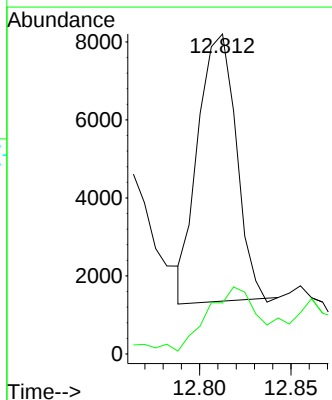
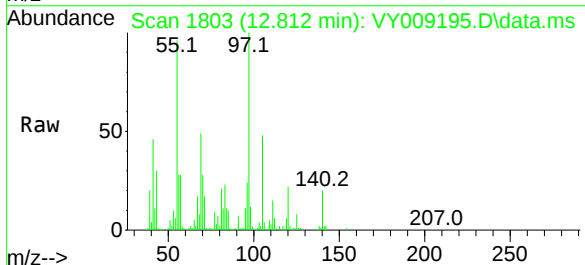
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

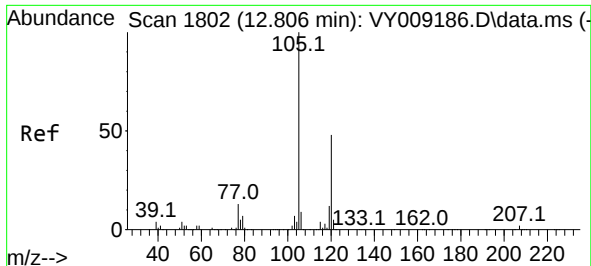
Tgt Ion: 91 Resp: 55135
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9



#79
2-Chlorotoluene
Concen: 12.617 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.061 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 91 Resp: 9942
Ion Ratio Lower Upper
91 100
126 30.5 16.9 50.6

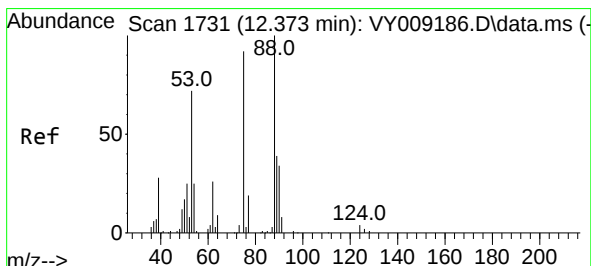
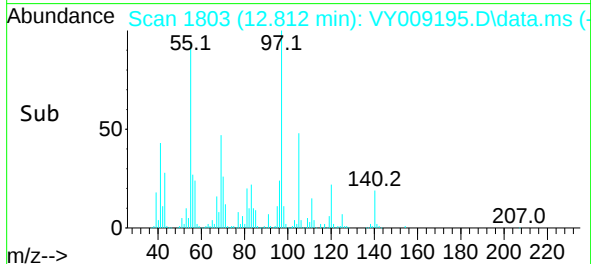
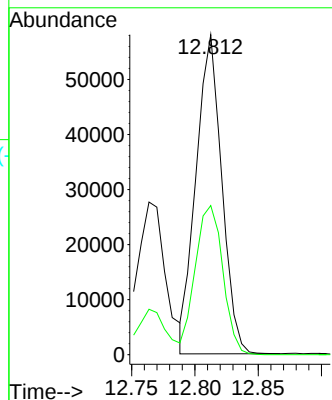
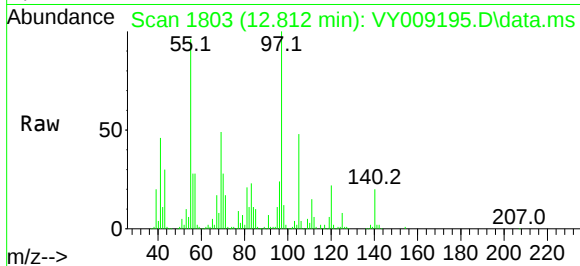




#80
1,3,5-Trimethylbenzene
Concen: 84.738 ug/l
RT: 12.812 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

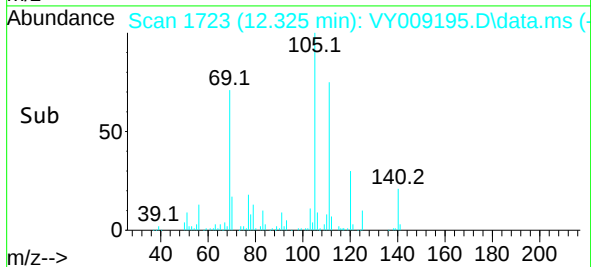
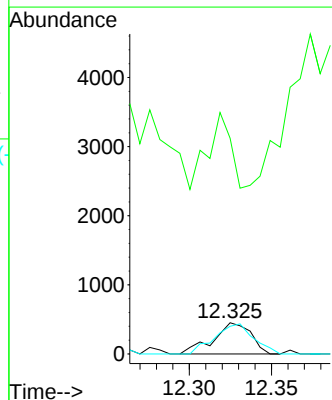
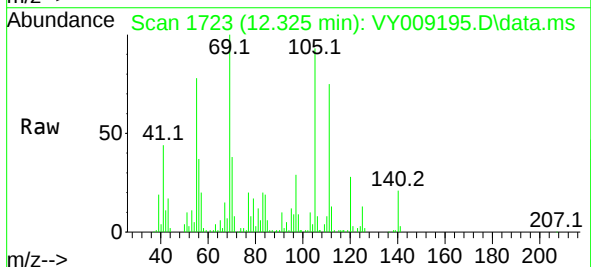
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

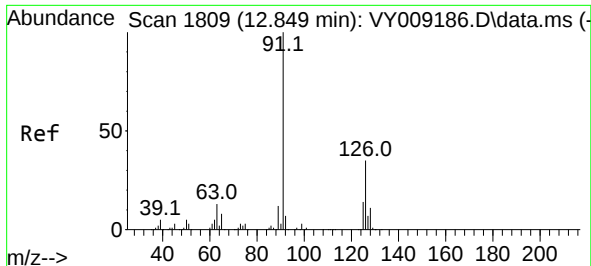
Tgt Ion:105 Resp: 81862
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 8.439 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.049 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 75 Resp: 718
Ion Ratio Lower Upper
75 100
53 150.6 85.3 127.9#
89 99.9 37.0 55.4#

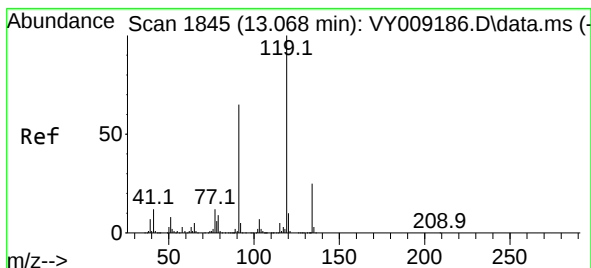
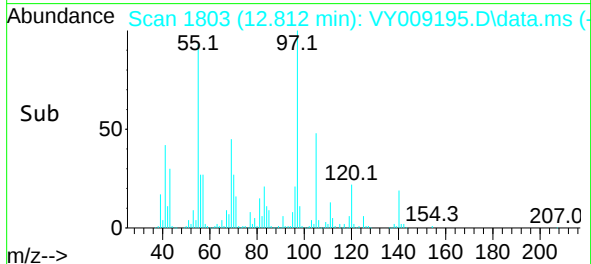
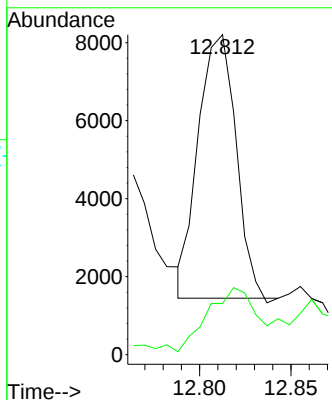
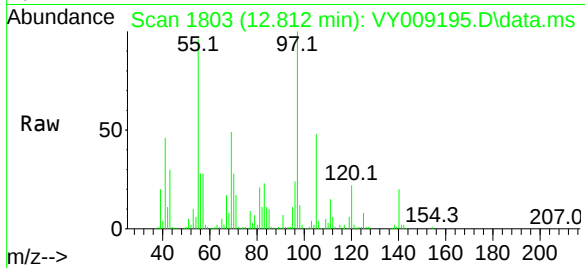




#82
4-Chlorotoluene
Concen: 11.760 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.037 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

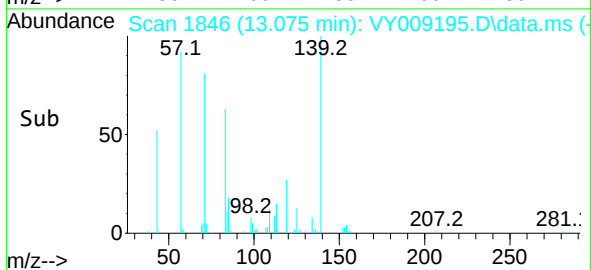
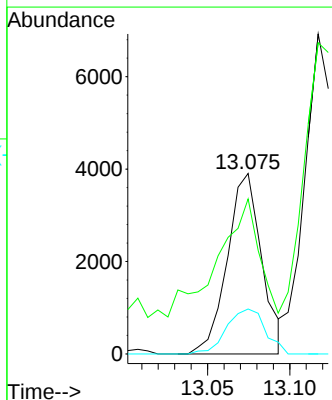
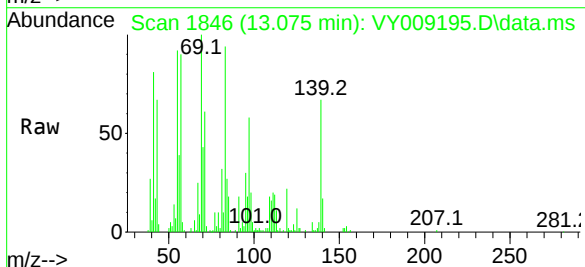
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

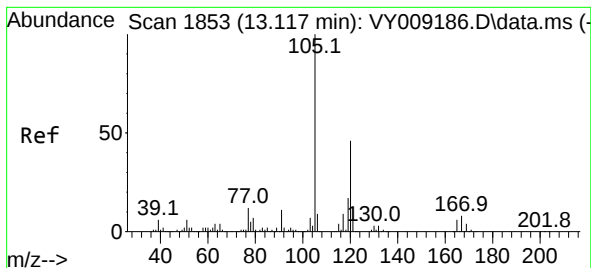
Tgt Ion: 91 Resp: 9669
Ion Ratio Lower Upper
91 100
126 31.3 17.0 51.0



#83
tert-Butylbenzene
Concen: 6.701 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 119 Resp: 5692
Ion Ratio Lower Upper
119 100
91 77.6 34.8 104.4
134 28.0 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 80.625 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

Instrument :

MSVOA_Y

ClientSampleId :

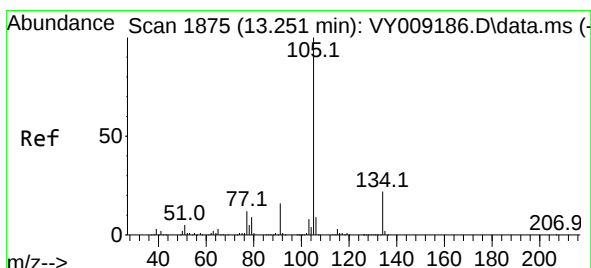
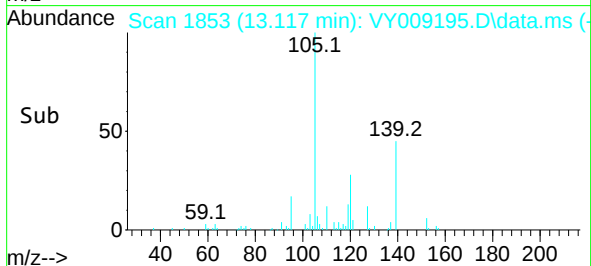
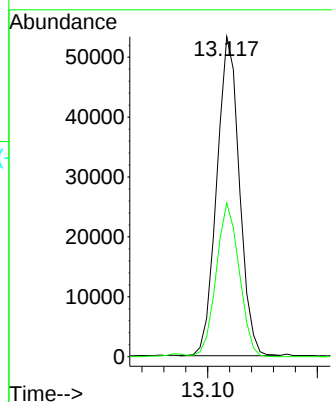
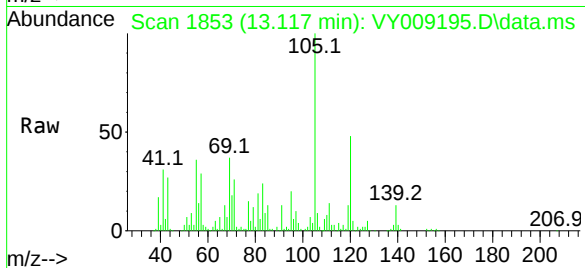
WC-14A-1A-7

Tgt Ion:105 Resp: 76451

Ion Ratio Lower Upper

105 100

120 48.8 22.3 66.9



#85

sec-Butylbenzene

Concen: 51.577 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009195.D

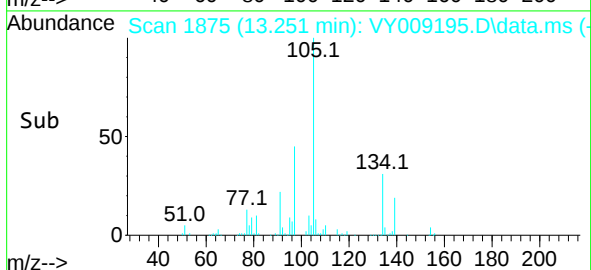
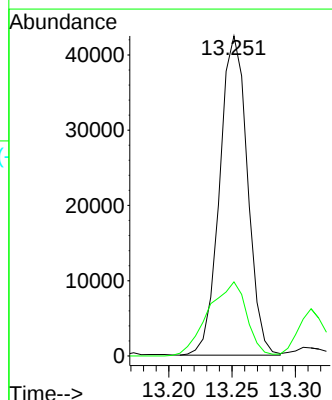
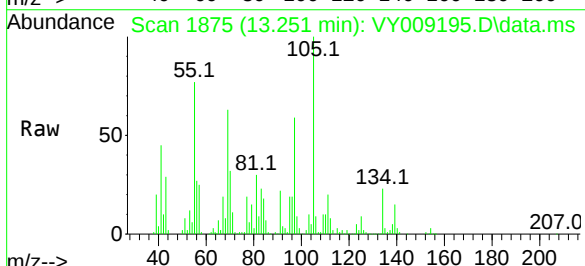
Acq: 16 Jun 2022 11:59

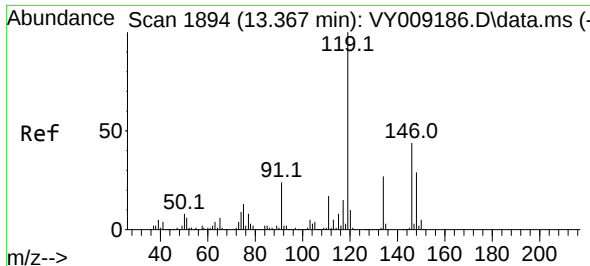
Tgt Ion:105 Resp: 64869

Ion Ratio Lower Upper

105 100

134 32.0 10.2 30.4#

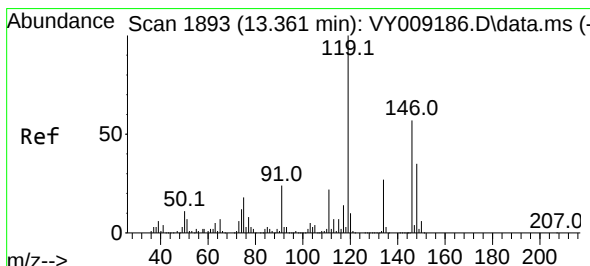
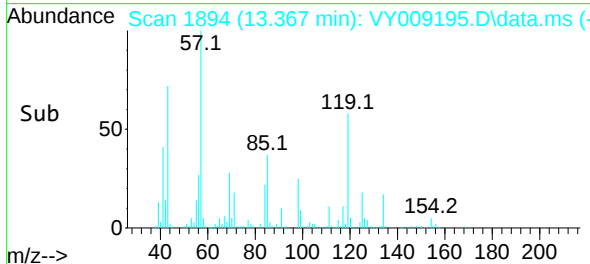
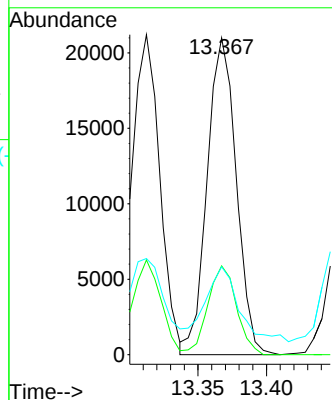
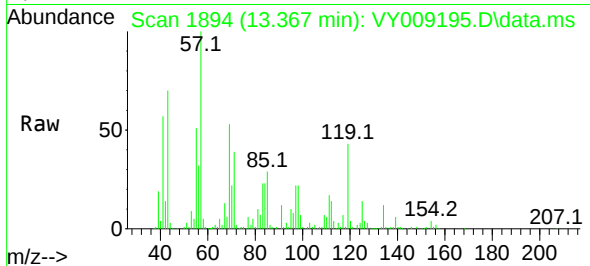




#86
 p-Isopropyltoluene
 Concen: 29.749 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009195.D
 Acq: 16 Jun 2022 11:59

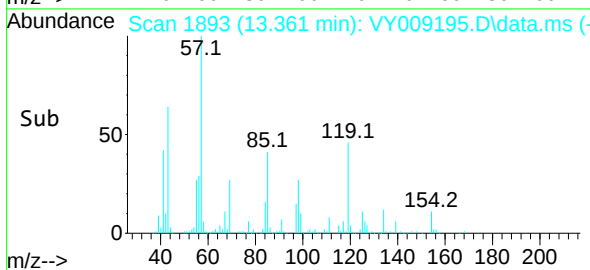
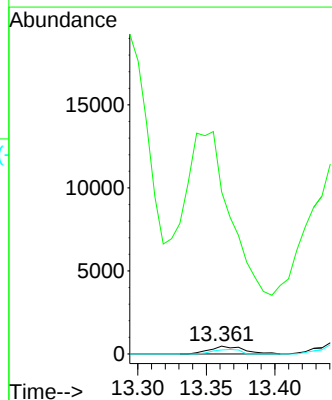
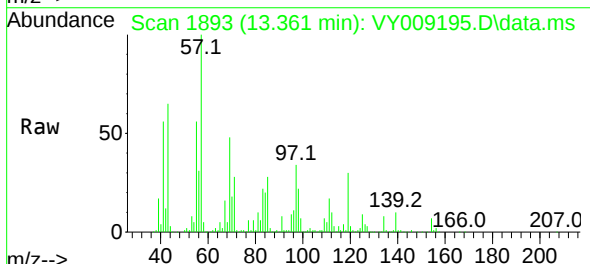
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A-1A-7

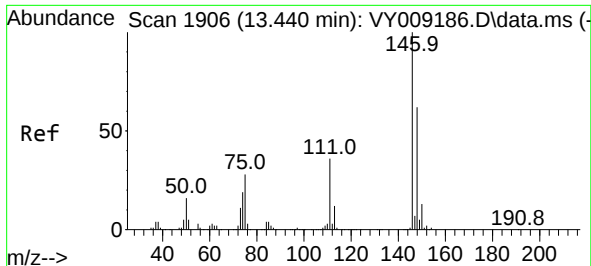
Tgt Ion:	119	Resp:	31049
Ion Ratio	Lower	Upper	
119	100		
134	27.7	13.2	39.5
91	27.5	12.4	37.2



#87
 1,3-Dichlorobenzene
 Concen: 1.483 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY009195.D
 Acq: 16 Jun 2022 11:59

Tgt Ion:	146	Resp:	812
Ion Ratio	Lower	Upper	
146	100		
111	2620.4	19.5	58.5#
148	45.2	31.6	95.0

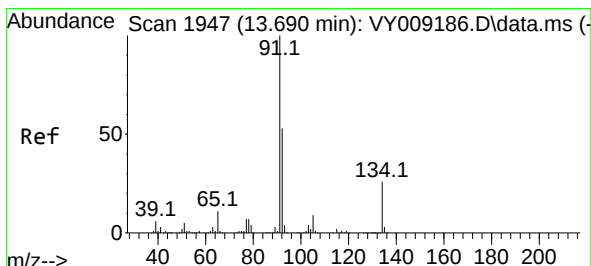
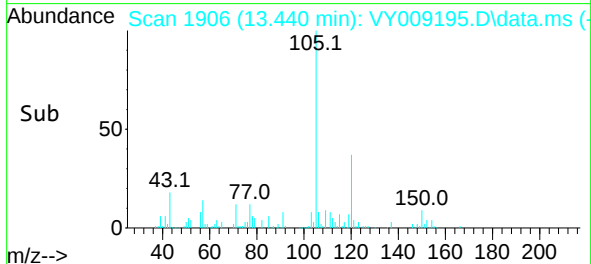
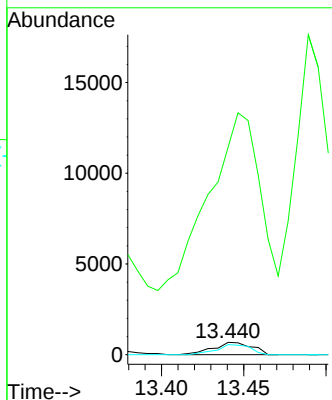
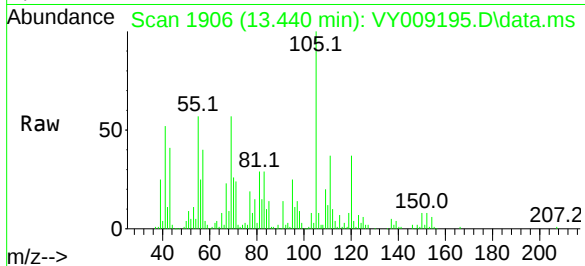




#88
1,4-Dichlorobenzene
Concen: 2.024 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

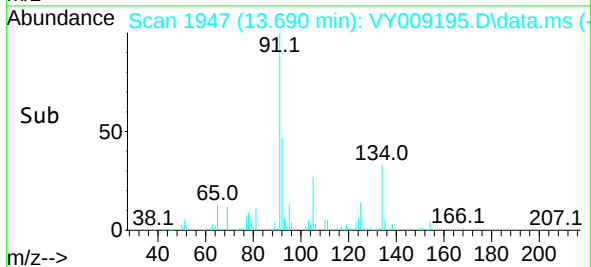
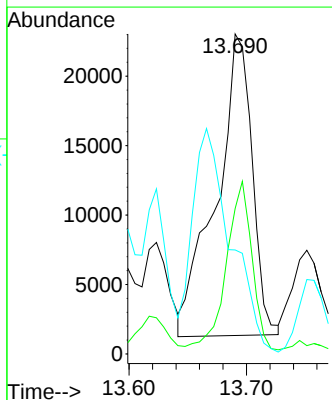
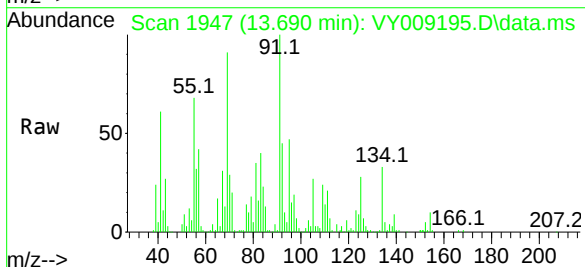
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

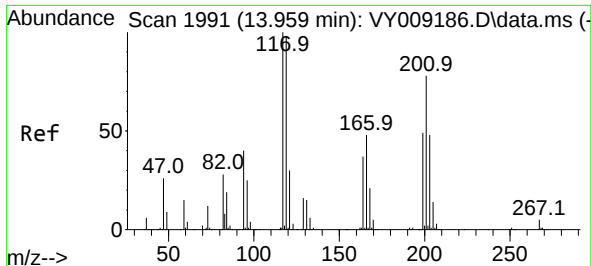
Tgt Ion:146 Resp: 1125
Ion Ratio Lower Upper
146 100
111 1845.2 19.3 57.8#
148 71.0 32.6 97.8



#89
n-Butylbenzene
Concen: 46.746 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion: 91 Resp: 46136
Ion Ratio Lower Upper
91 100
92 39.8 26.3 78.9
134 0.0 13.0 38.9#

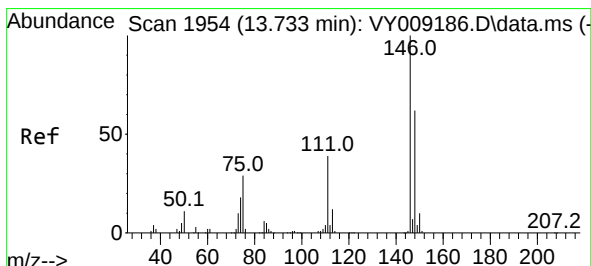
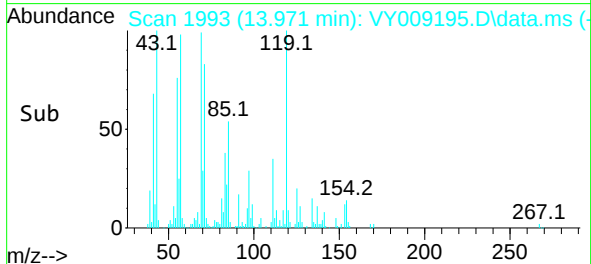
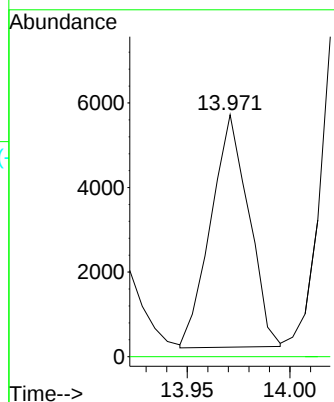
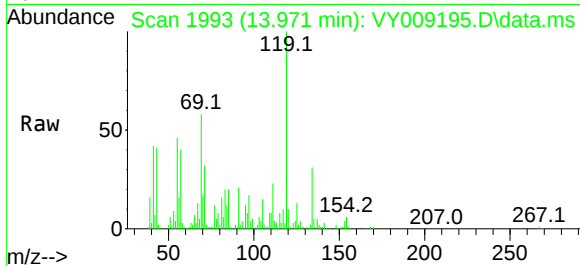




#90
Hexachloroethane
Concen: 35.925 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

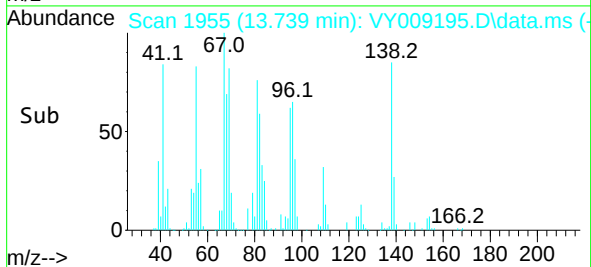
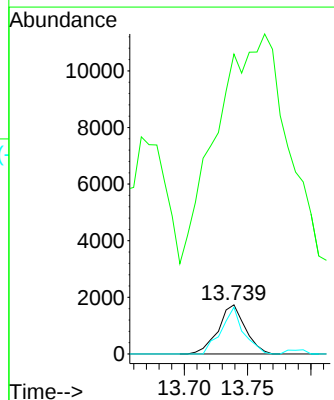
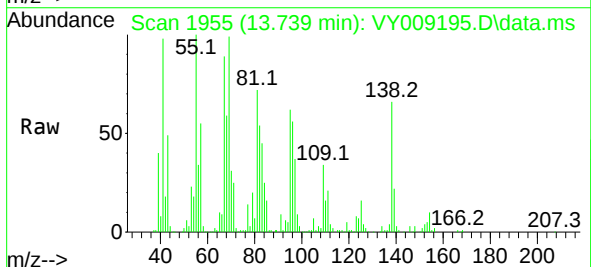
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

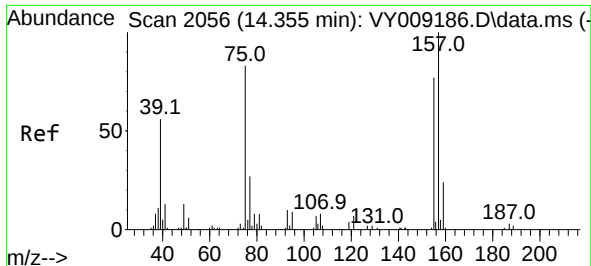
Tgt Ion:117 Resp: 7070
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#91
1,2-Dichlorobenzene
Concen: 5.211 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion:146 Resp: 2581
Ion Ratio Lower Upper
146 100
111 0.0 20.3 60.9#
148 78.5 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.144 ug/l

RT: 14.331 min Scan# 2052

Delta R.T. -0.024 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-7

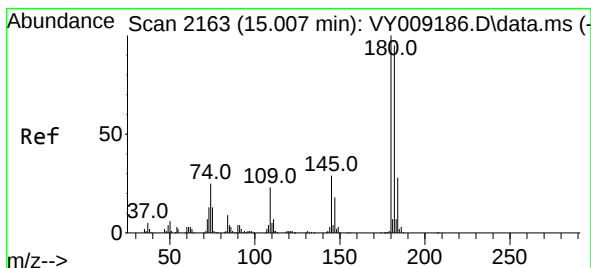
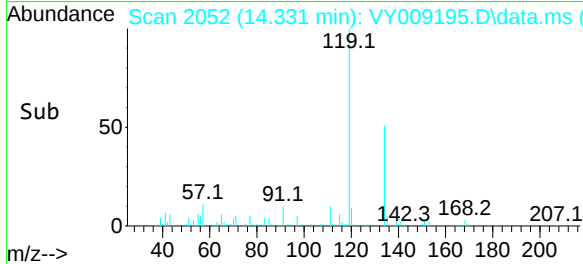
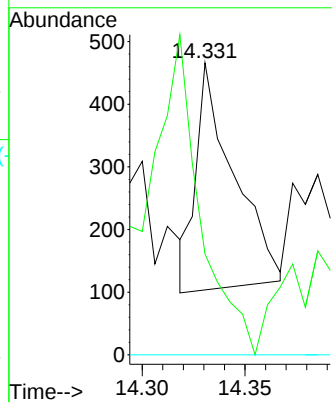
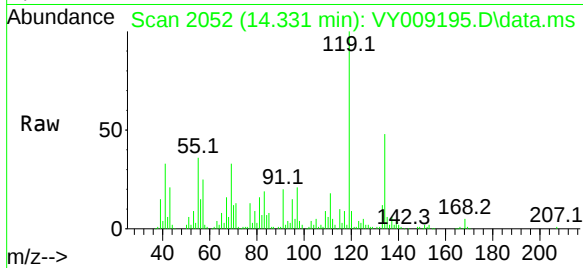
Tgt Ion: 75 Resp: 460

Ion Ratio Lower Upper

75 100

155 155.0 38.0 113.9#

157 0.0 47.8 143.3#



#93

1,2,4-Trichlorobenzene

Concen: 4.958 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.012 min

Lab File: VY009195.D

Acq: 16 Jun 2022 11:59

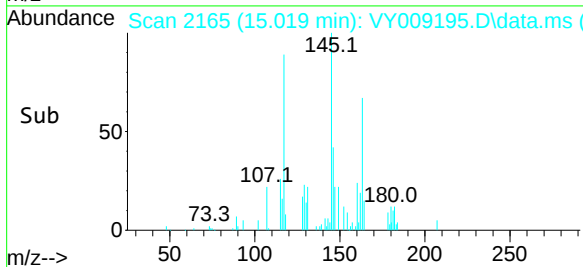
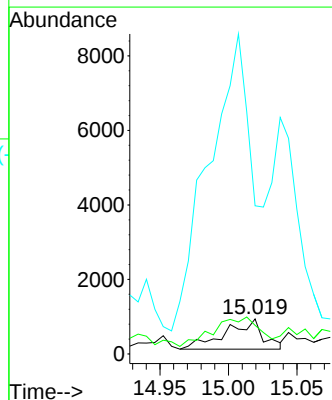
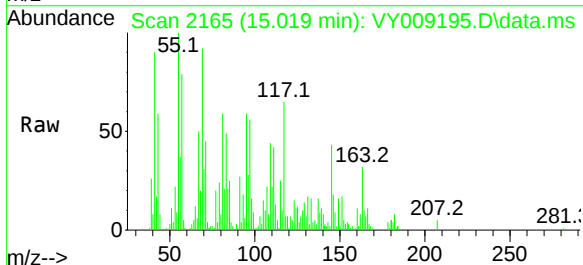
Tgt Ion:180 Resp: 1544

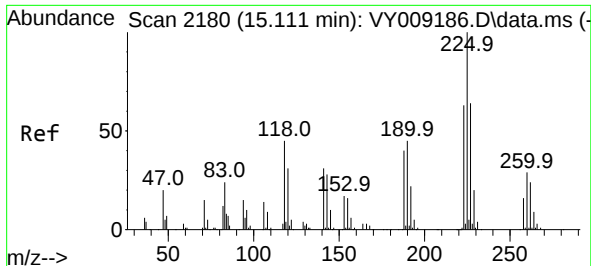
Ion Ratio Lower Upper

180 100

182 119.3 47.3 141.9

145 1290.8 14.6 43.8#

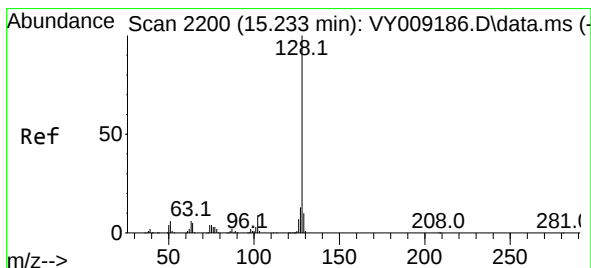
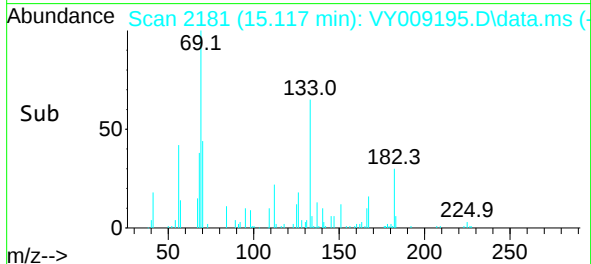
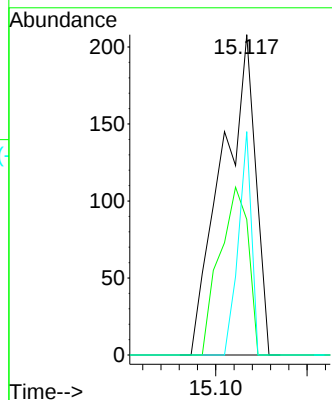
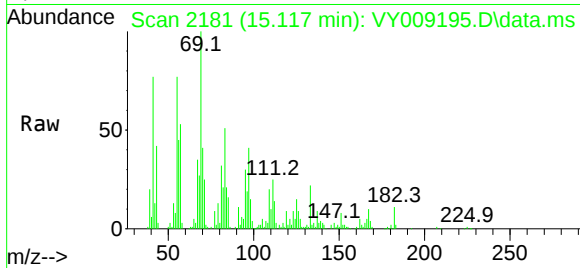




#94
Hexachlorobutadiene
Concen: 1.548 ug/l
RT: 15.117 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

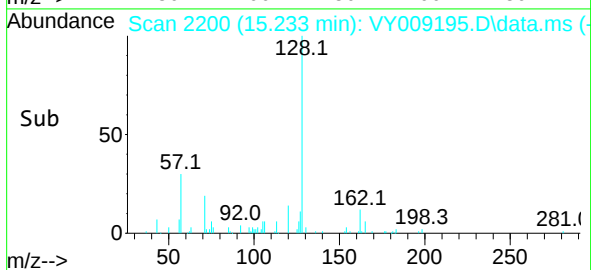
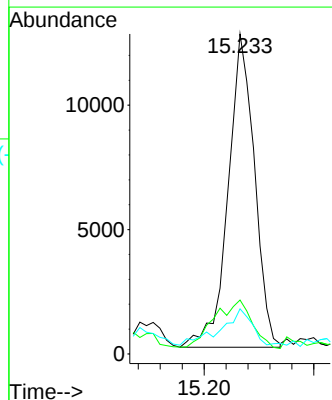
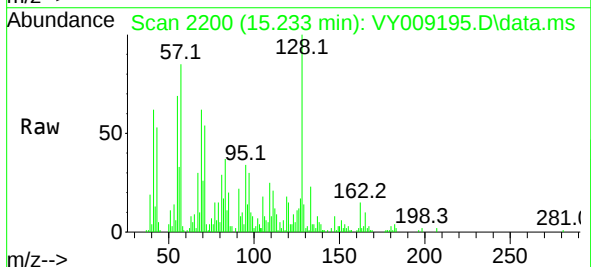
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-7

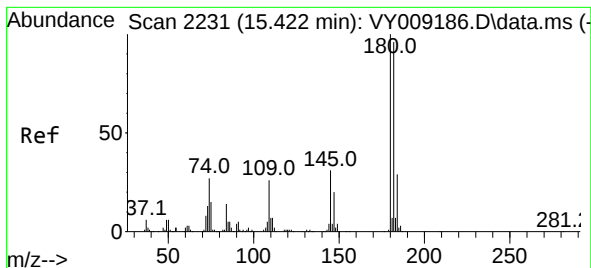
Tgt Ion:225 Resp: 265
Ion Ratio Lower Upper
225 100
223 44.9 30.8 92.3
227 27.2 31.6 94.7#



#95
Naphthalene
Concen: 32.441 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY009195.D
Acq: 16 Jun 2022 11:59

Tgt Ion:128 Resp: 21070
Ion Ratio Lower Upper
128 100
127 22.2 11.0 16.4#
129 13.4 8.4 12.6#





#96

1,2,3-Trichlorobenzene

Concen: 1.204 ug/l

RT: 15.428 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY009195.D

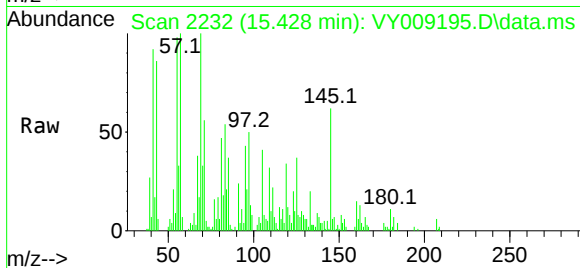
Acq: 16 Jun 2022 11:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-7



Tgt Ion:180 Resp: 330

Ion Ratio Lower Upper

180 100

182 245.8 47.3 141.9#

145 0.0 15.3 45.9#

