

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
 Data File : VY000246.D
 Acq On : 09 Oct 2019 16:13
 Operator : SY/MD
 Sample : VY1009WBS01
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Quant Time: Oct 10 01:47:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	258095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	429953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183772	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	162370	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.73	113	128507	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.19	98	496247	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.48	95	170982	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	42122	16.348	ug/l	98
3) Chloromethane	2.11	50	53942	15.373	ug/l	99
4) Vinyl Chloride	2.25	62	56860	15.695	ug/l	96
5) Bromomethane	2.65	94	43488	19.025	ug/l	99
6) Chloroethane	2.79	64	35187	15.377	ug/l	95
7) Trichlorofluoromethane	3.13	101	73113	15.617	ug/l	97
8) Diethyl Ether	3.54	74	32451	15.160	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	42718	15.628	ug/l	96
10) Methyl Iodide	4.09	142	58078	13.505	ug/l	99
11) Tert butyl alcohol	4.97	59	148161	82.157	ug/l	99
12) 1,1-Dichloroethene	3.88	96	45450	16.017	ug/l	95
13) Acrolein	3.74	56	72896	77.006	ug/l	99
14) Allyl chloride	4.49	41	72348	15.131	ug/l	99
15) Acrylonitrile	5.18	53	246637	77.475	ug/l	98
16) Acetone	3.96	43	216438	82.326	ug/l	98
17) Carbon Disulfide	4.19	76	125159	14.965	ug/l	99
18) Methyl Acetate	4.49	43	116554	16.177	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	161056	15.514	ug/l	93
20) Methylene Chloride	4.73	84	54089	15.661	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	49740	15.582	ug/l	88
22) Diisopropyl ether	6.13	45	168022	15.167	ug/l	98
23) Vinyl Acetate	6.08	43	775748	72.461	ug/l	97
24) 1,1-Dichloroethane	6.03	63	89750	15.883	ug/l	99
25) 2-Butanone	7.00	43	394138	81.037	ug/l	98
26) 2,2-Dichloropropane	7.00	77	75820	14.864	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	57205	15.214	ug/l	99
28) Bromochloromethane	7.35	49	44030	23.674	ug/l	89
29) Tetrahydrofuran	7.36	42	265725	77.360	ug/l	97
30) Chloroform	7.52	83	91068	15.529	ug/l	93
31) Cyclohexane	7.80	56	82700	14.490	ug/l	# 96
32) 1,1,1-Trichloroethane	7.72	97	81054	16.258	ug/l	100
36) 1,1-Dichloropropene	7.93	75	65273	14.920	ug/l	99
37) Ethyl Acetate	7.09	43	125214	15.833	ug/l	99
38) Carbon Tetrachloride	7.91	117	69531	16.307	ug/l	96

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 ClientSampleId :
 VY1009WBS01

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	80420	14.653	ug/l	97
40) Benzene	8.17	78	210300	15.847	ug/l	98
41) Methacrylonitrile	7.36	41	202306	32.500	ug/l #	53
42) 1,2-Dichloroethane	8.25	62	74205	17.215	ug/l	98
43) Isopropyl Acetate	8.28	43	160912	15.807	ug/l	98
44) Trichloroethene	8.95	130	58899	16.367	ug/l	95
45) 1,2-Dichloropropane	9.22	63	54363	16.355	ug/l	91
46) Dibromomethane	9.31	93	36853	15.815	ug/l	98
47) Bromodichloromethane	9.50	83	73220	16.063	ug/l	98
48) Methyl methacrylate	9.30	41	71395	15.538	ug/l	98
49) 1,4-Dioxane	9.30	88	38836	329.259	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	631207	82.506	ug/l	100
52) Toluene	10.25	92	129928	15.265	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	79501	15.373	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	88644	15.841	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	54952	16.373	ug/l	95
56) Ethyl methacrylate	10.52	69	92355	15.630	ug/l	97
57) 1,3-Dichloropropane	10.80	76	91270	15.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	264252	100.333	ug/l	99
59) 2-Hexanone	10.84	43	542477	75.196	ug/l	98
60) Dibromochloromethane	10.99	129	57024	16.070	ug/l	99
61) 1,2-Dibromoethane	11.09	107	58064	16.287	ug/l	99
64) Tetrachloroethene	10.72	164	59291	16.983	ug/l	91
65) Chlorobenzene	11.52	112	137278	15.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	52313	16.532	ug/l	99
67) Ethyl Benzene	11.59	91	241272	15.249	ug/l	94
68) m/p-Xylenes	11.70	106	192024	31.806	ug/l	96
69) o-Xylene	12.03	106	90401	15.543	ug/l	98
70) Styrene	12.05	104	157739	15.745	ug/l	97
71) Bromoform	12.21	173	43598	16.697	ug/l #	97
73) Isopropylbenzene	12.33	105	237459	15.249	ug/l	98
74) N-amyl acetate	12.14	43	114406	14.005	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	82535	15.530	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	129436	26.677	ug/l #	100
77) Bromobenzene	12.61	156	58727	16.082	ug/l	95
78) n-propylbenzene	12.67	91	275809	15.163	ug/l	99
79) 2-Chlorotoluene	12.76	91	160464	15.322	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	205885	15.845	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	35025	14.603	ug/l #	88
82) 4-Chlorotoluene	12.86	91	162562	15.326	ug/l	96
83) tert-Butylbenzene	13.08	119	170092	15.061	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	199475	15.365	ug/l	98
85) sec-Butylbenzene	13.25	105	238260	15.306	ug/l	100
86) p-Isopropyltoluene	13.37	119	213582	15.602	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	108143	16.340	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	104859	15.210	ug/l	98
89) n-Butylbenzene	13.70	91	189602	14.696	ug/l	98
90) Hexachloroethane	13.96	117	40506	15.643	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	104646	15.622	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28851	16.027	ug/l	99

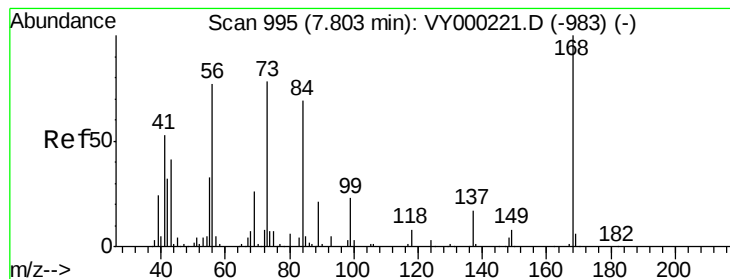
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
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QLast Update : Wed Oct 09 09:24:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	69408	15.260	ug/l	99
94) Hexachlorobutadiene	15.11	225	34100	15.689	ug/l	98
95) Naphthalene	15.23	128	274320	16.033	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	71936	16.443	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

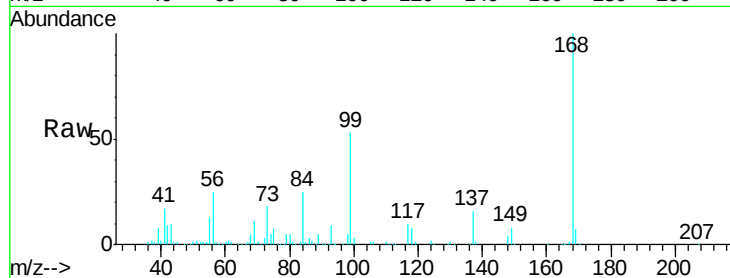
VY1009WBS01

Tgt Ion:168 Resp: 258095

Ion Ratio Lower Upper

168 100

99 52.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

7.80

120000

100000

80000

60000

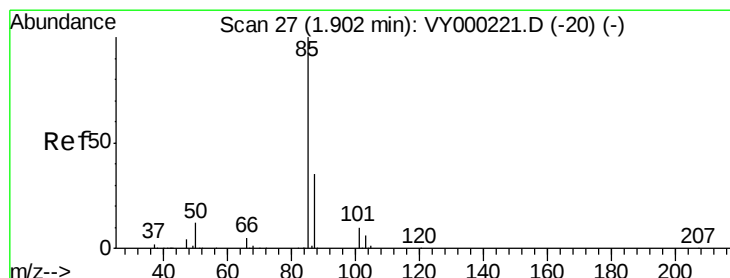
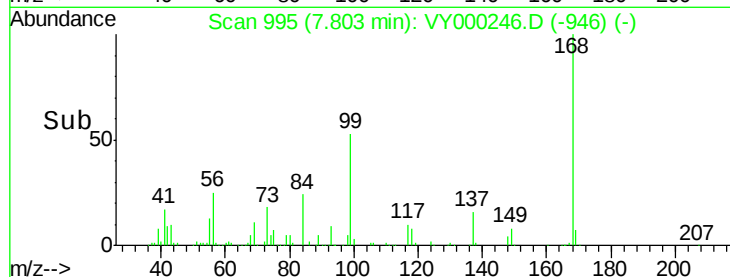
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.348 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000246.D

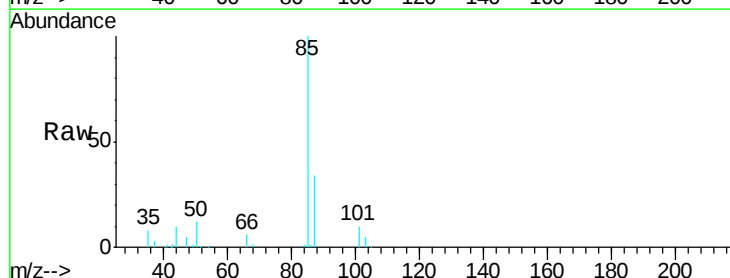
Acq: 09 Oct 2019 16:13

Tgt Ion: 85 Resp: 42122

Ion Ratio Lower Upper

85 100

87 33.8 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

30000

25000

20000

15000

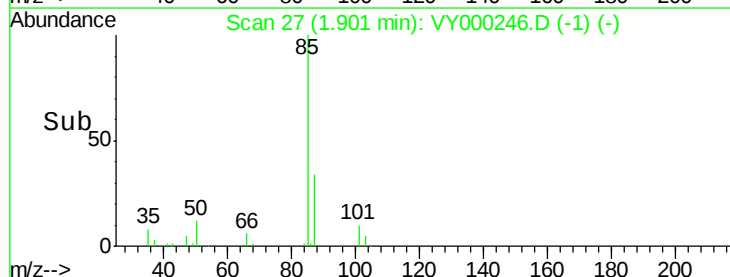
10000

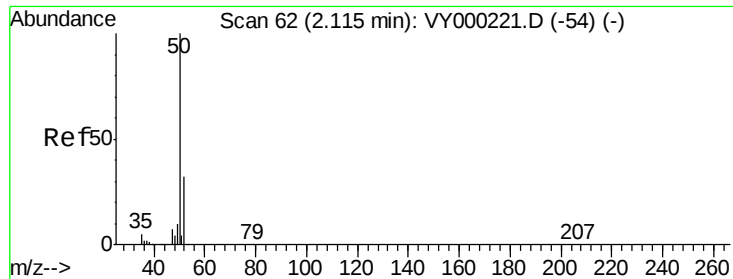
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 15.373 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

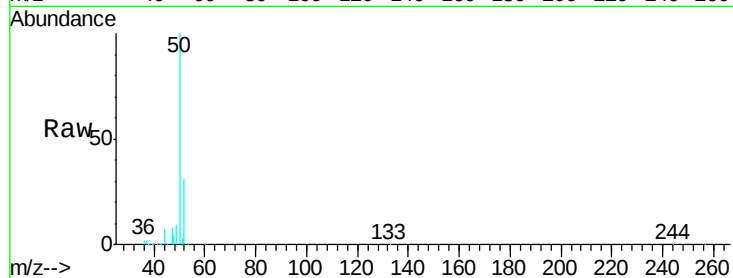
VY1009WBS01

Tgt Ion: 50 Resp: 53942

Ion Ratio Lower Upper

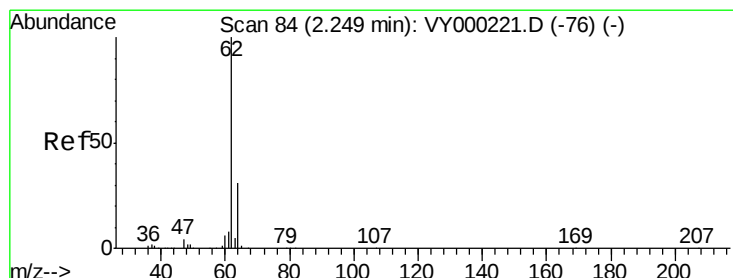
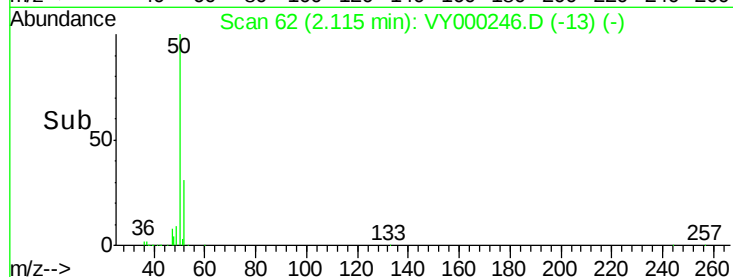
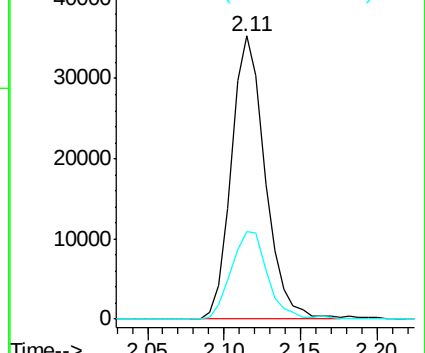
50 100

52 31.1 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 15.695 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000246.D

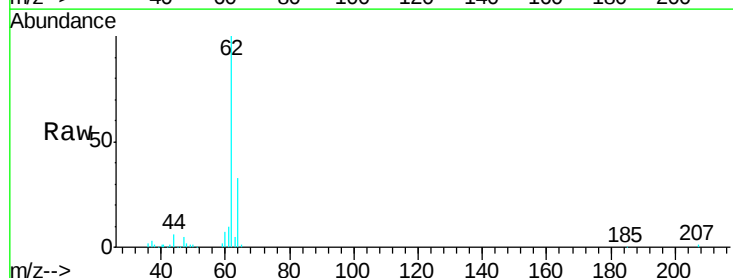
Acq: 09 Oct 2019 16:13

Tgt Ion: 62 Resp: 56860

Ion Ratio Lower Upper

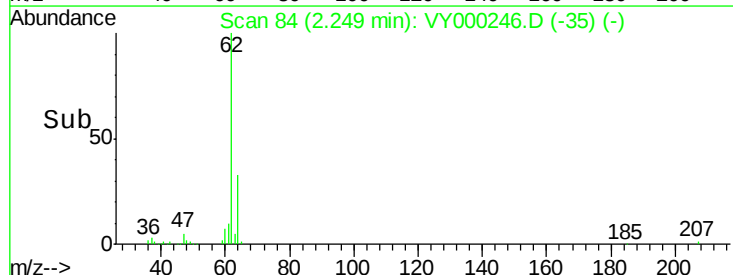
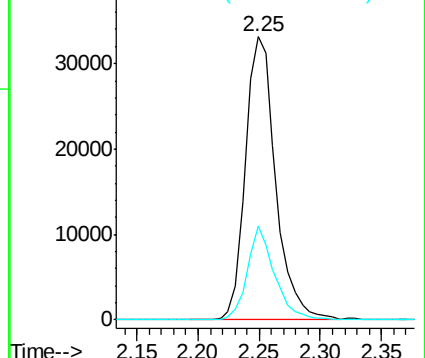
62 100

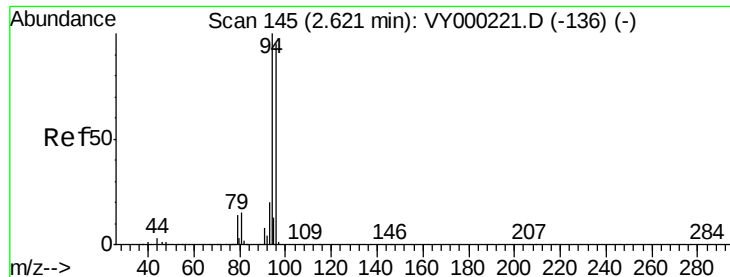
64 33.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.025 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.02 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

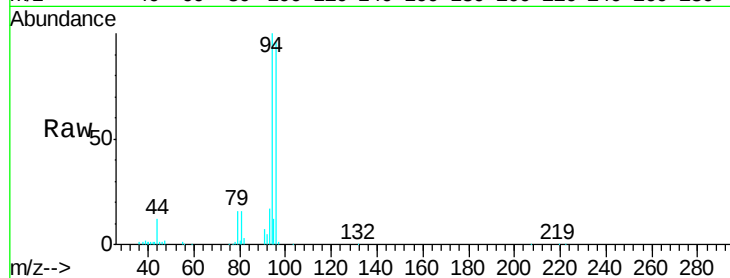
VY1009WBS01

Tgt Ion: 94 Resp: 43488

Ion Ratio Lower Upper

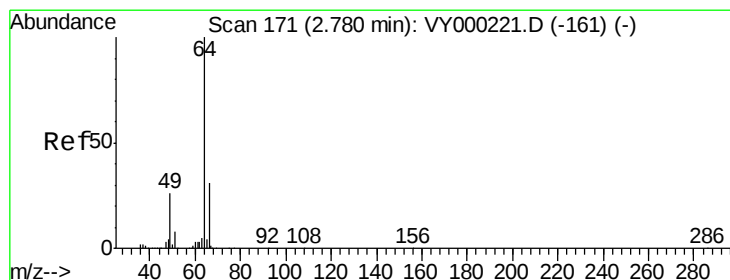
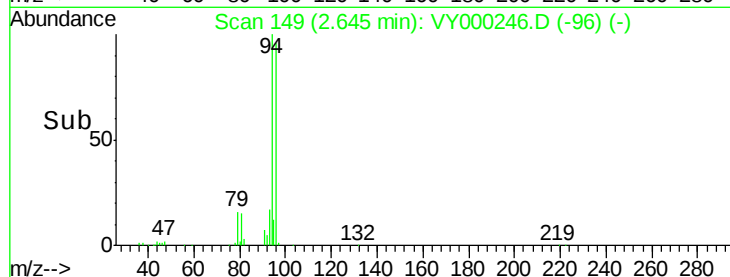
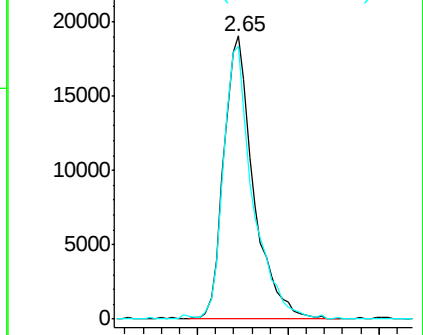
94 100

96 95.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 15.377 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000246.D

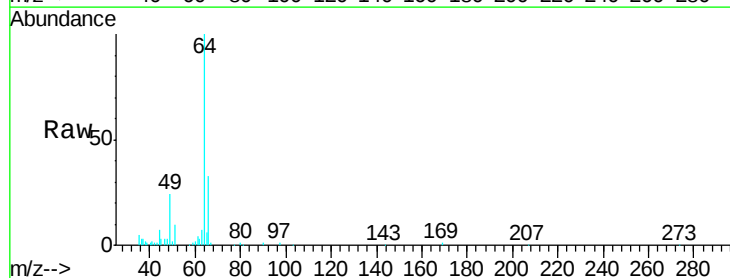
Acq: 09 Oct 2019 16:13

Tgt Ion: 64 Resp: 35187

Ion Ratio Lower Upper

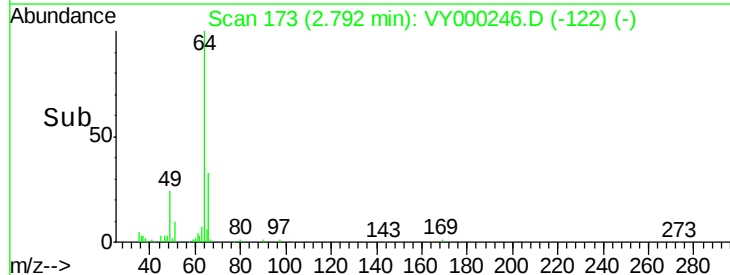
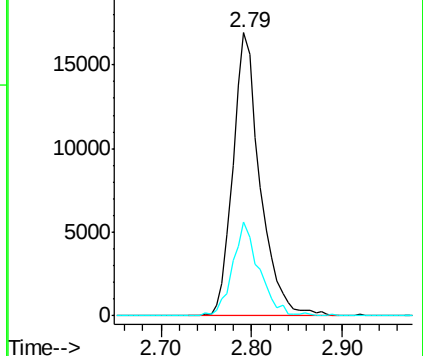
64 100

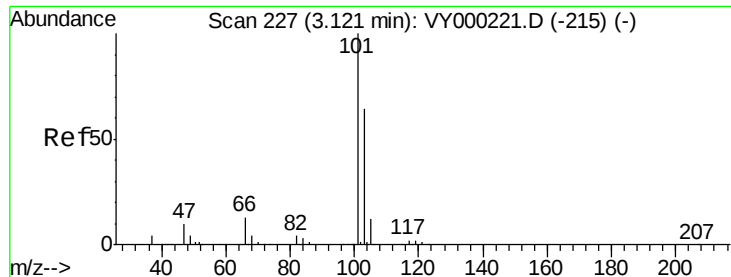
66 33.2 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



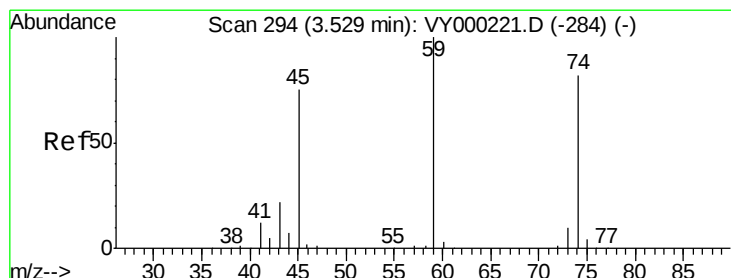
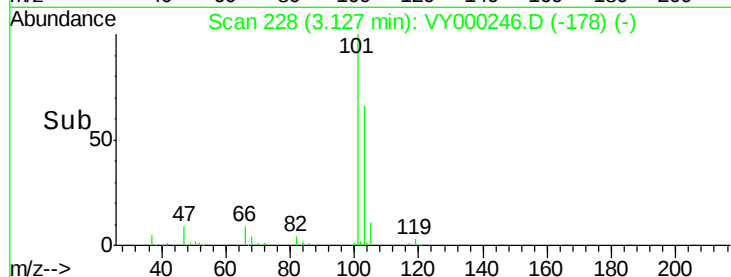
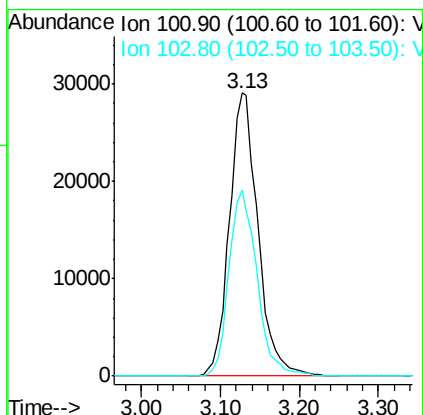
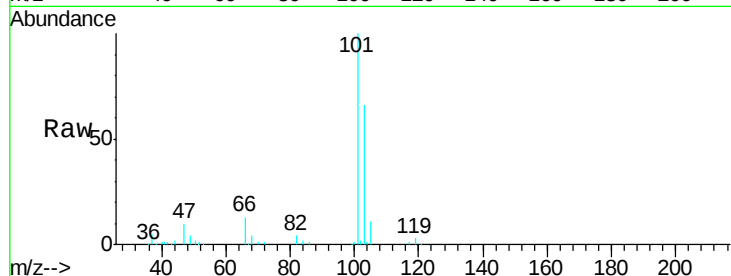


#7

Trichlorofluoromethane
 Concen: 15.617 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

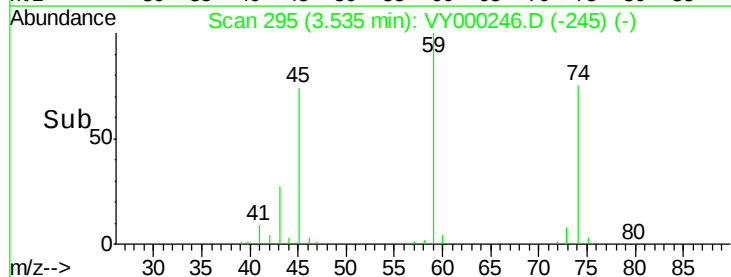
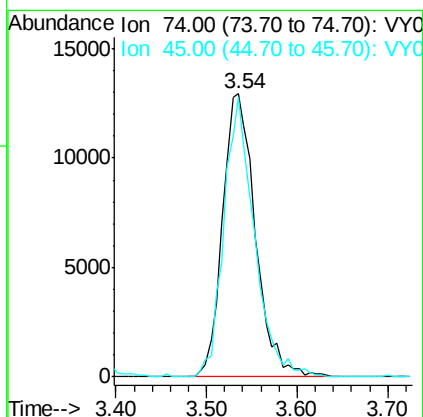
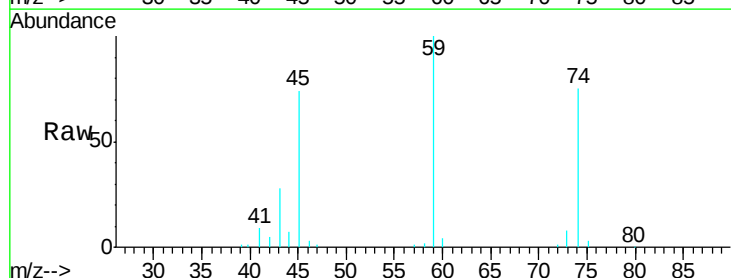
Tgt Ion:101 Resp: 73113
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.0 76.6

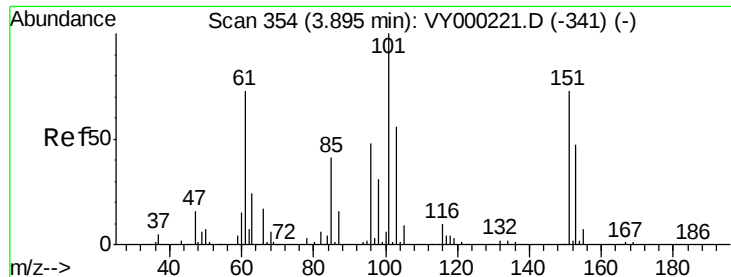


#8

Diethyl Ether
 Concen: 15.160 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion: 74 Resp: 32451
 Ion Ratio Lower Upper
 74 100
 45 92.5 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.628 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

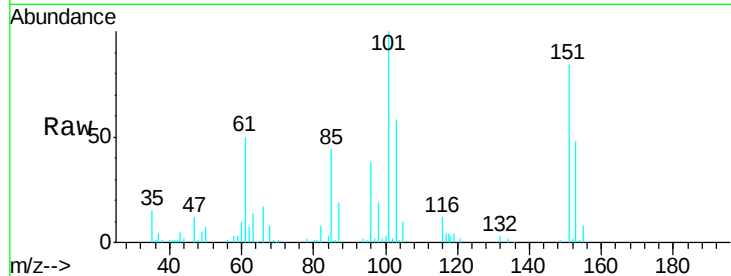
Tgt Ion:101 Resp: 42718

Ion Ratio Lower Upper

101 100

85 46.7 37.0 55.6

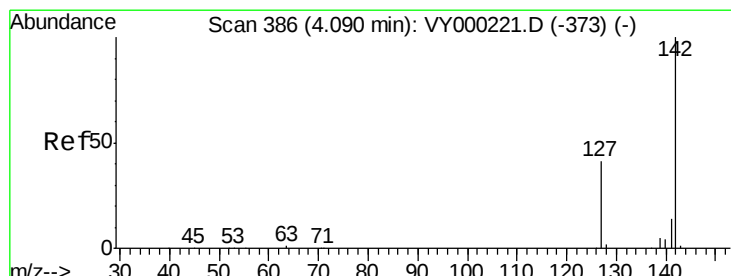
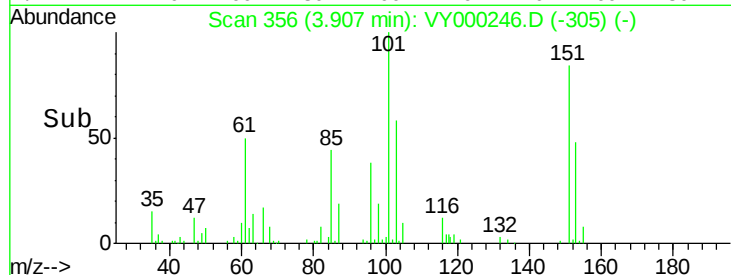
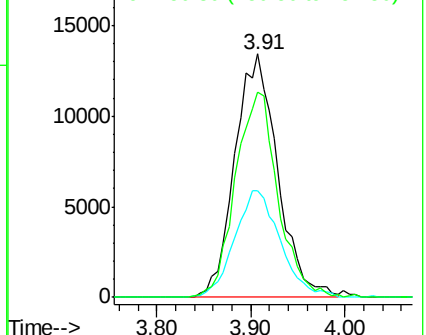
151 83.5 63.0 94.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.505 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

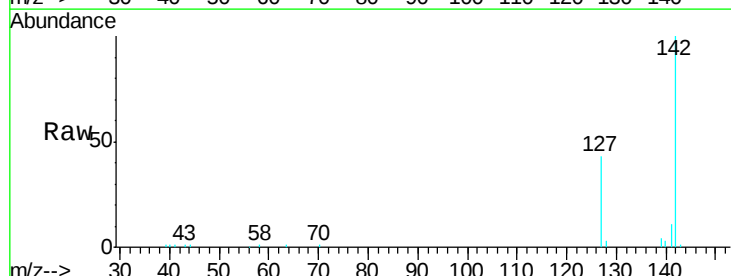
Tgt Ion:142 Resp: 58078

Ion Ratio Lower Upper

142 100

127 40.9 33.0 49.6

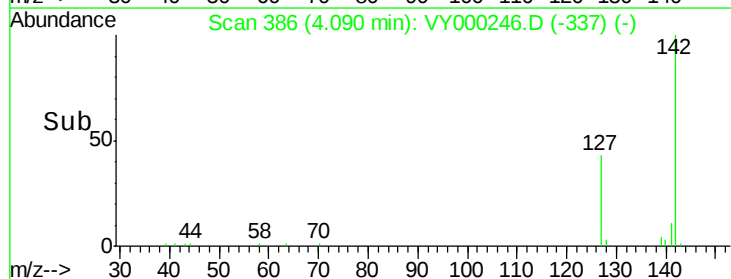
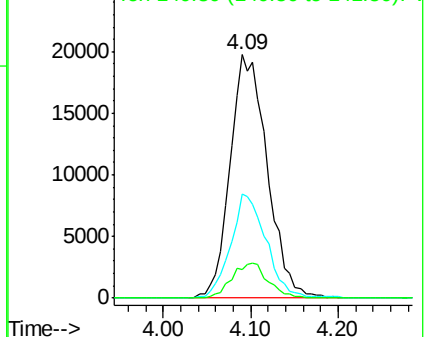
141 14.1 11.0 16.4

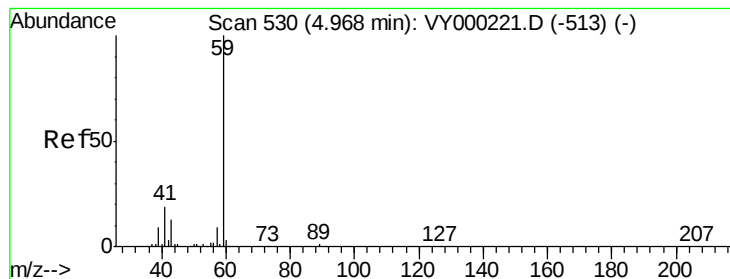


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 82.157 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

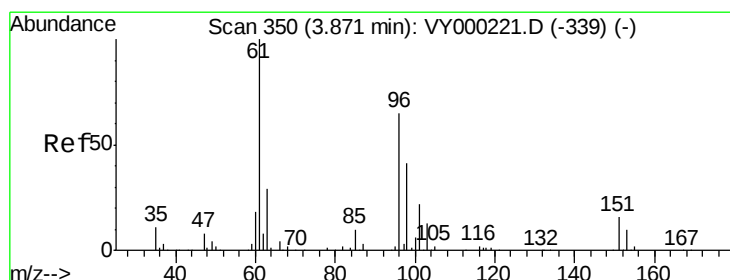
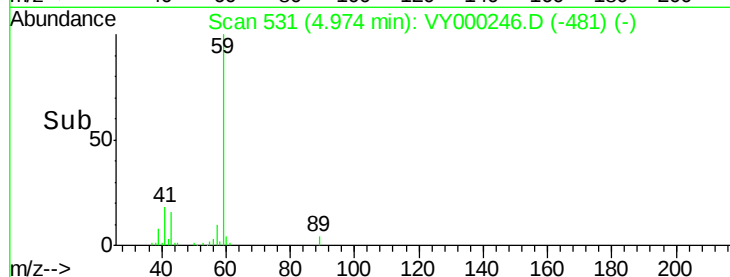
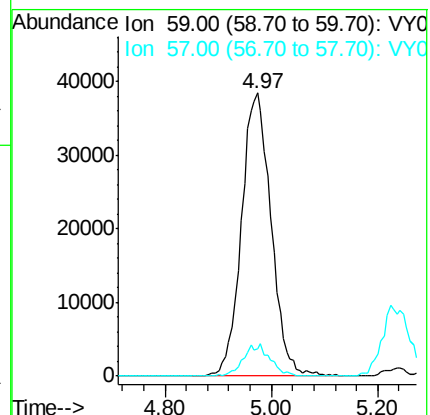
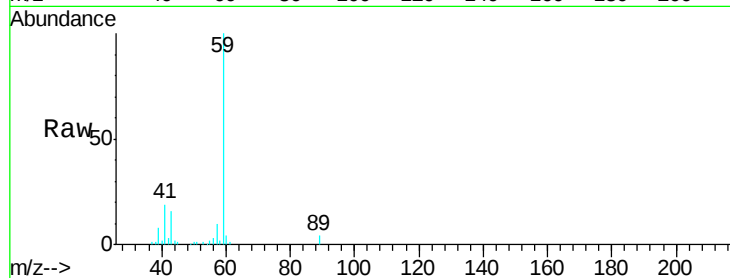
VY1009WBS01

Tgt Ion: 59 Resp: 148161

Ion Ratio Lower Upper

59 100

57 10.2 8.0 12.0



#12

1,1-Dichloroethene

Concen: 16.017 ug/l

RT: 3.88 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

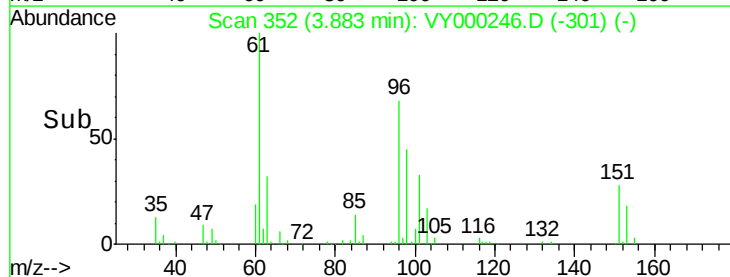
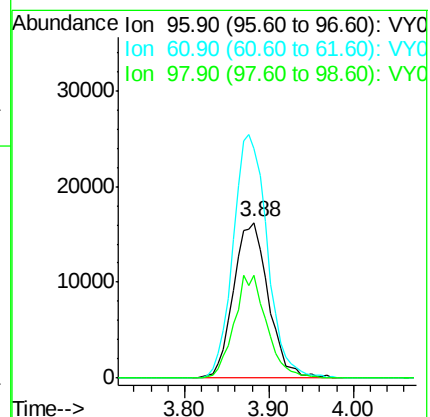
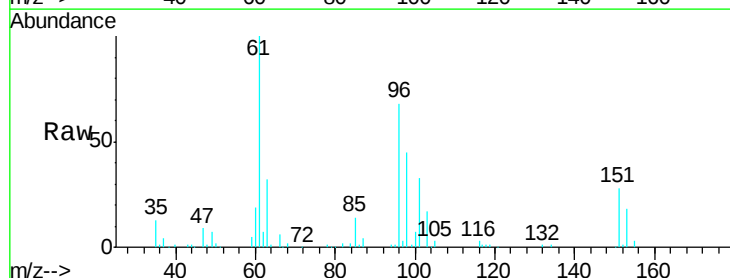
Tgt Ion: 96 Resp: 45450

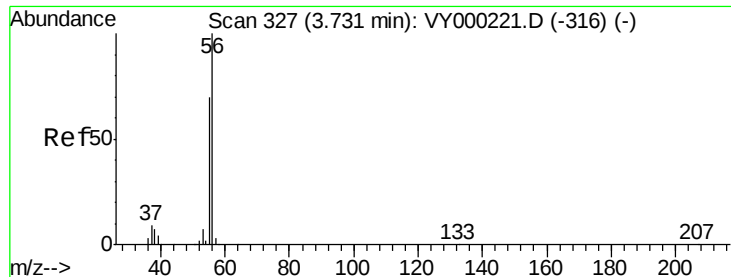
Ion Ratio Lower Upper

96 100

61 147.5 123.8 185.8

98 66.0 50.9 76.3





#13

Acrolein

Concen: 77.006 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

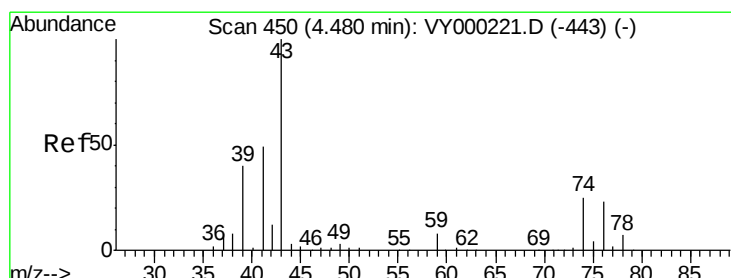
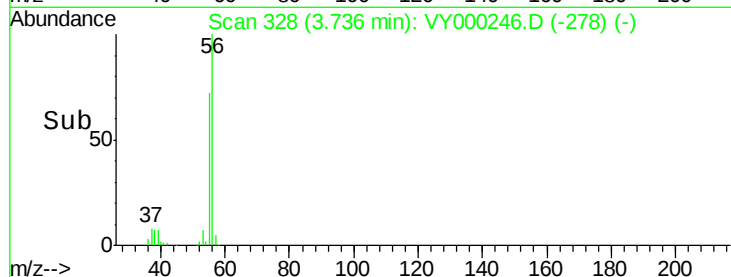
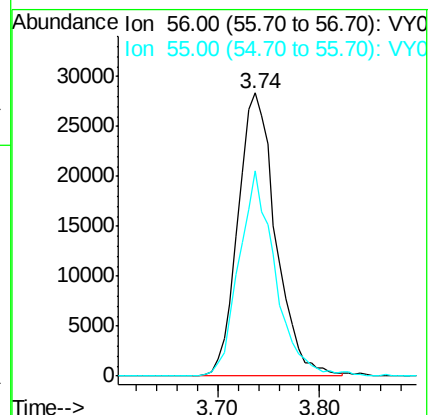
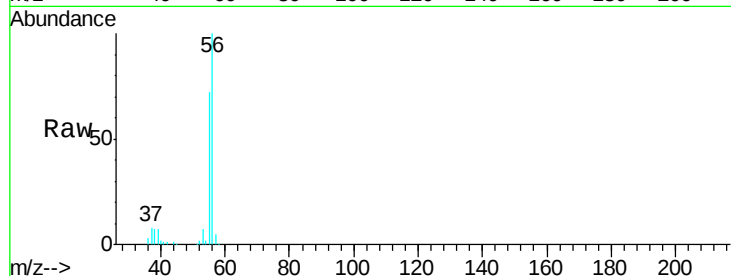
VY1009WBS01

Tgt Ion: 56 Resp: 72896

Ion Ratio Lower Upper

56 100

55 69.6 55.2 82.8



#14

Allyl chloride

Concen: 15.131 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

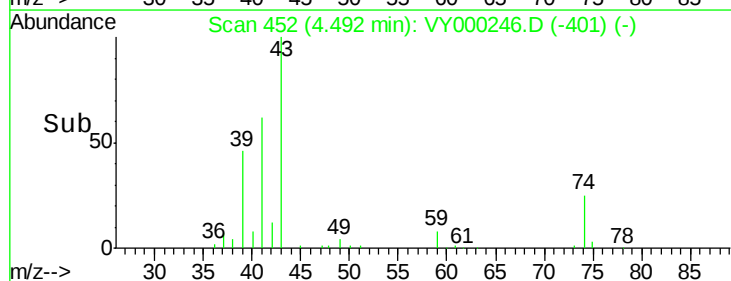
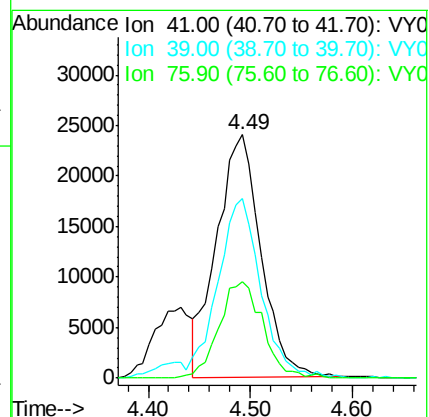
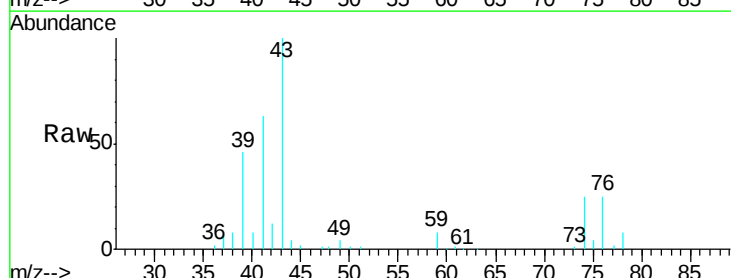
Tgt Ion: 41 Resp: 72348

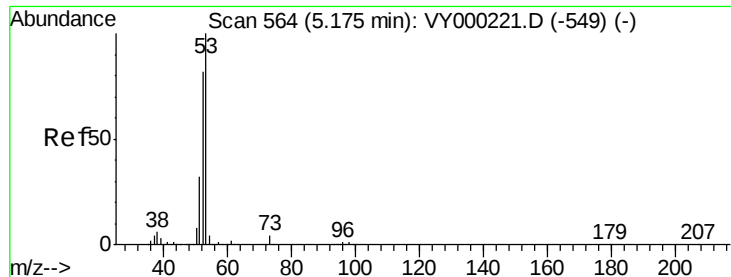
Ion Ratio Lower Upper

41 100

39 70.5 56.4 84.6

76 39.3 30.8 46.2





#15

Acrylonitrile

Concen: 77.475 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

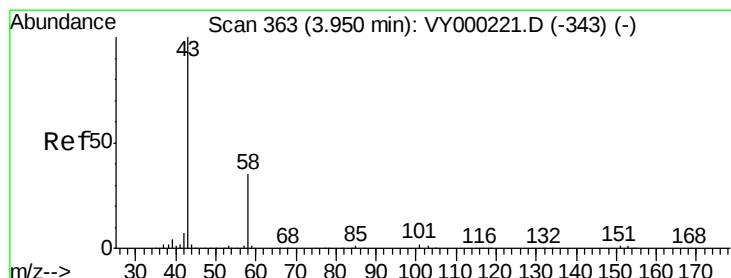
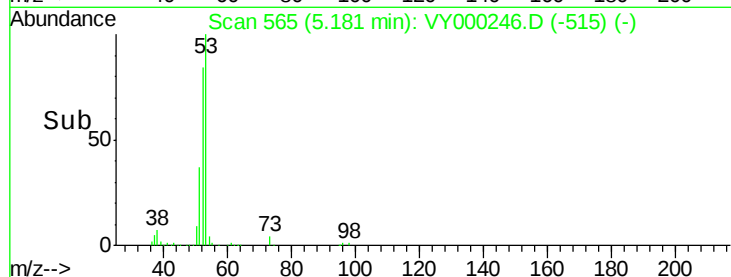
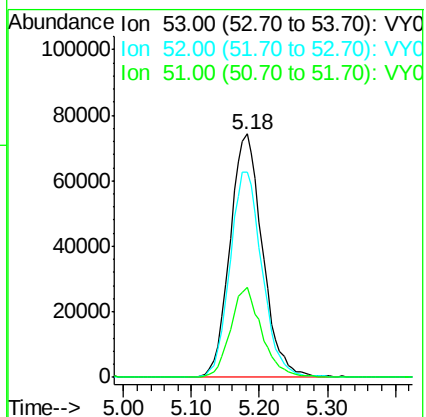
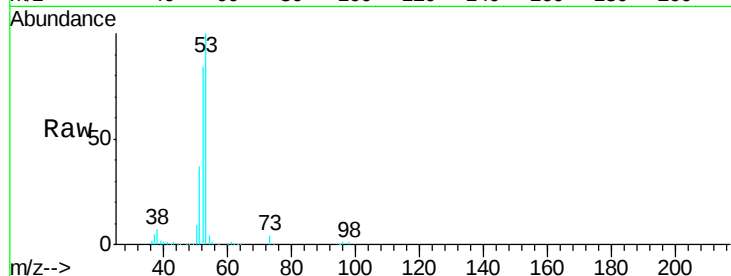
Tgt Ion: 53 Resp: 246637

Ion Ratio Lower Upper

53 100

52 83.6 65.4 98.2

51 35.6 27.2 40.8



#16

Acetone

Concen: 82.326 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000246.D

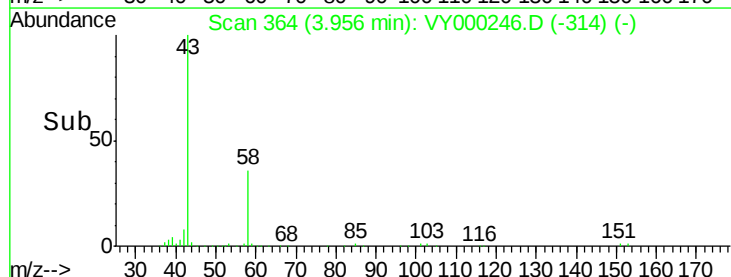
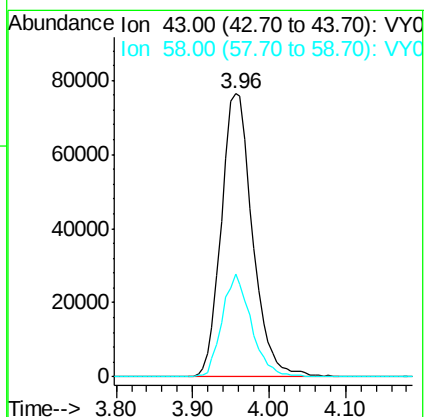
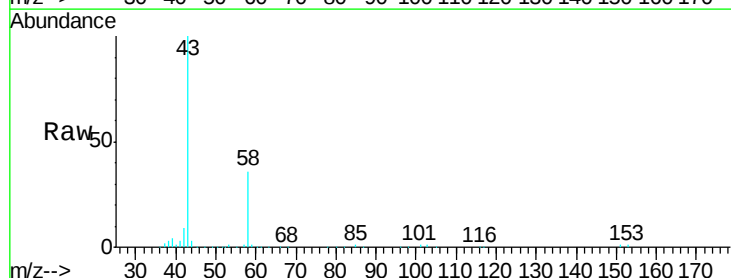
Acq: 09 Oct 2019 16:13

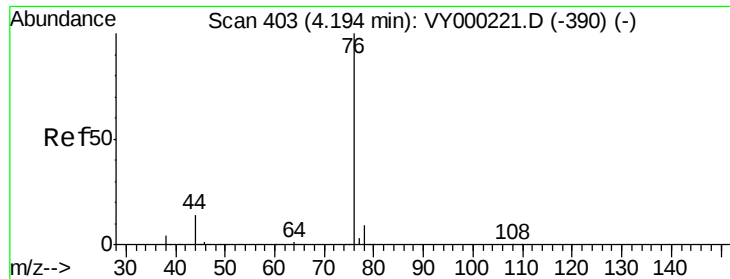
Tgt Ion: 43 Resp: 216438

Ion Ratio Lower Upper

43 100

58 36.4 28.2 42.4

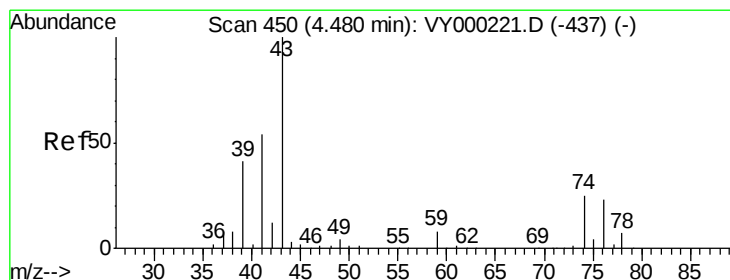
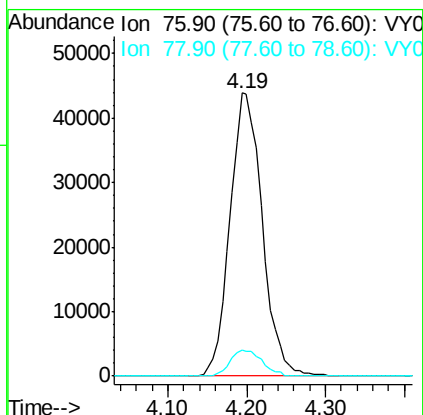
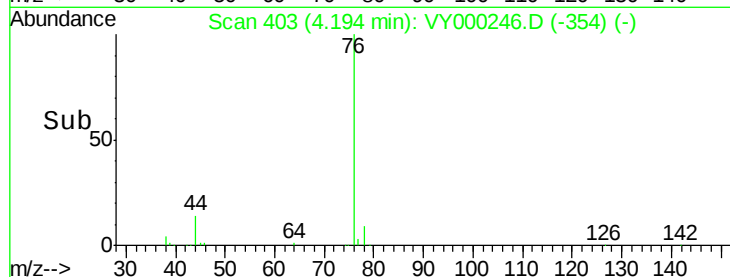
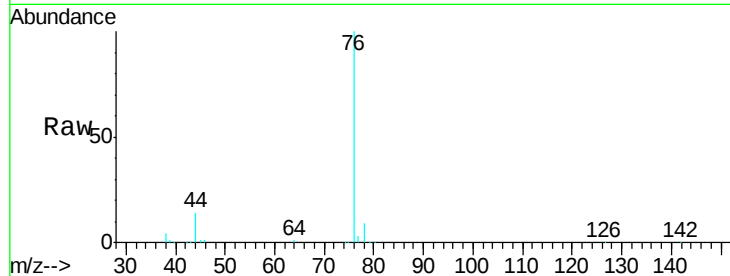




#17
Carbon Disulfide
Concen: 14.965 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

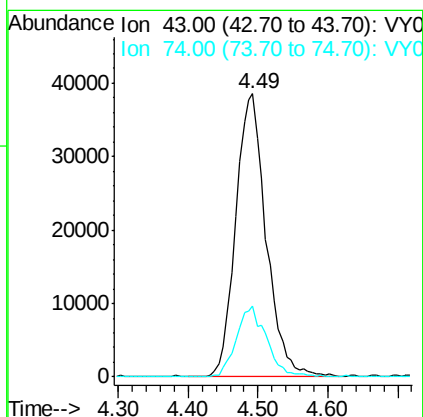
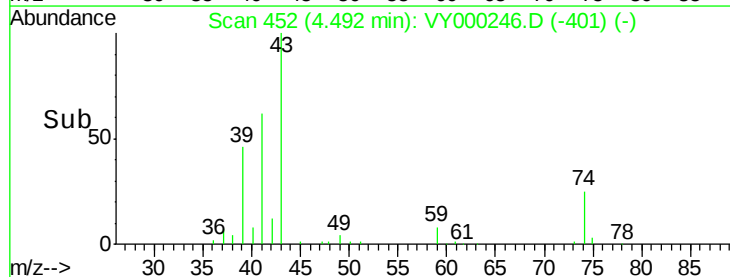
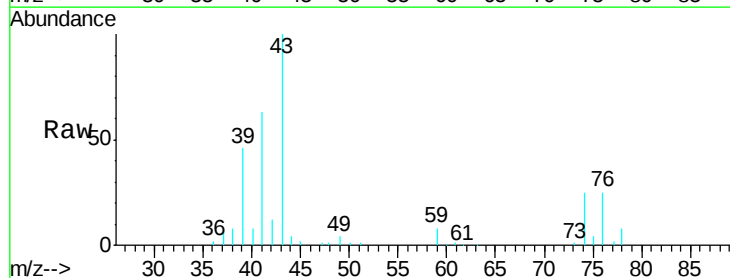
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

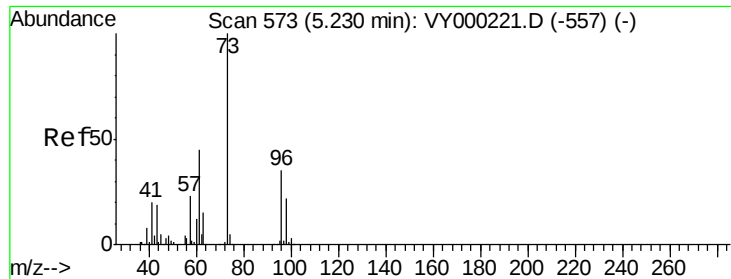
Tgt Ion: 76 Resp: 125159
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 16.177 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 43 Resp: 116554
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7

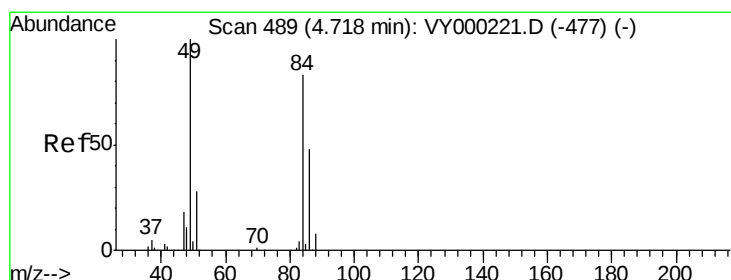
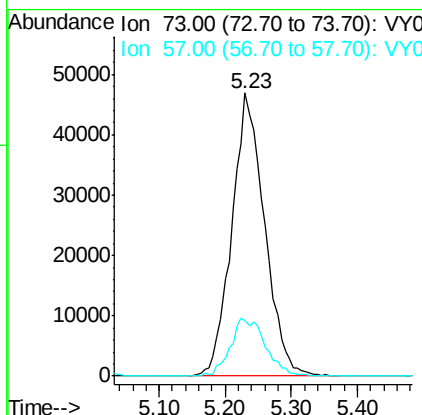
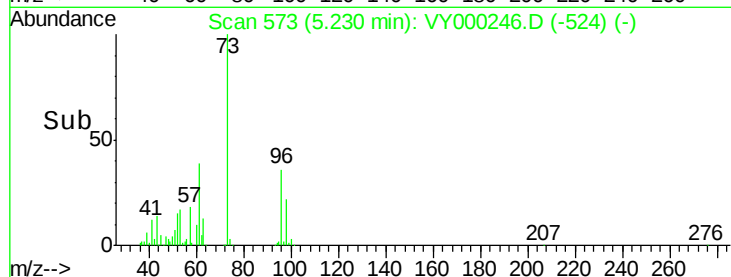
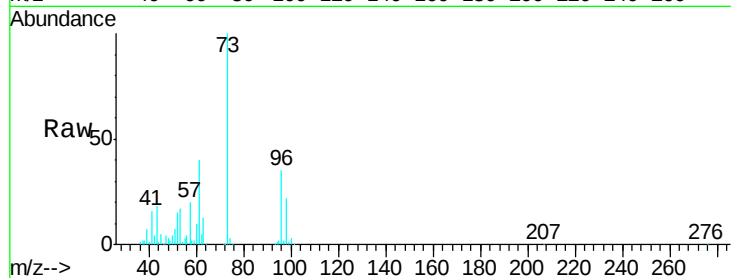




#19
Methyl tert-butyl Ether
Concen: 15.514 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

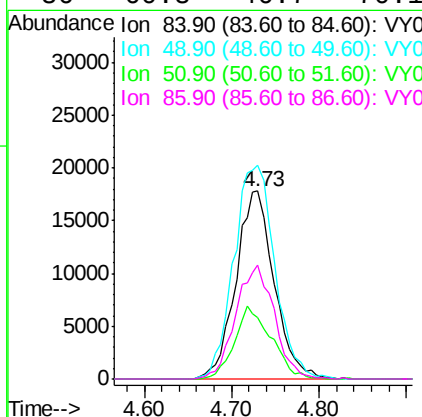
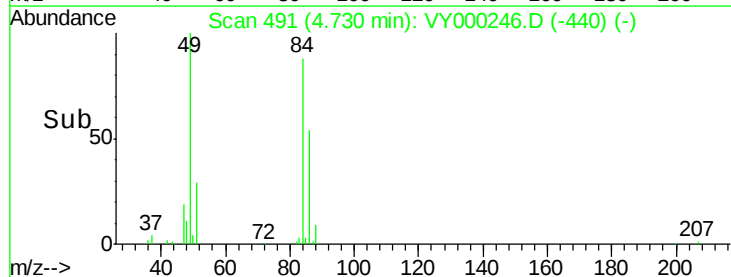
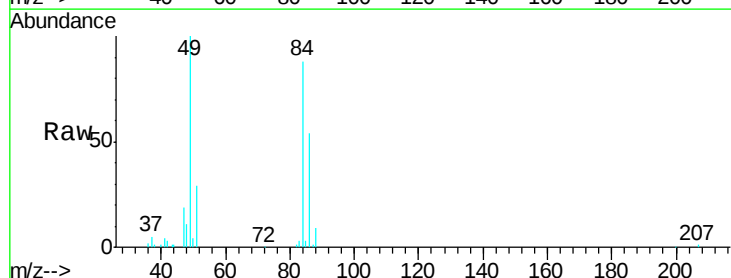
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

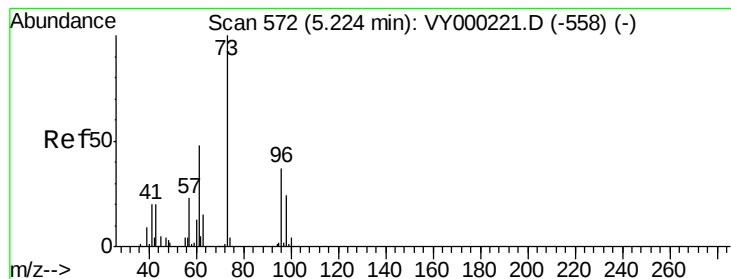
Tgt Ion: 73 Resp: 161056
Ion Ratio Lower Upper
73 100
57 19.6 18.4 27.6



#20
Methylene Chloride
Concen: 15.661 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 84 Resp: 54089
Ion Ratio Lower Upper
84 100
49 113.6 96.2 144.2
51 32.7 26.6 39.8
86 60.8 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 15.582 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampled :

VY1009WBS01

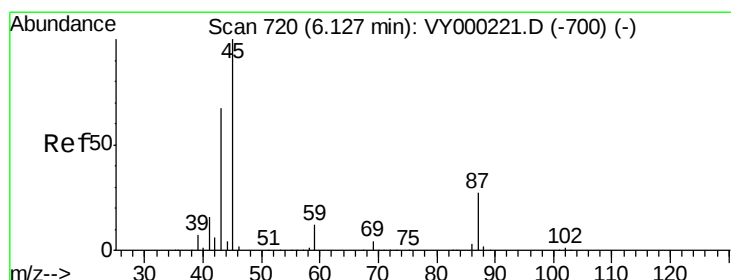
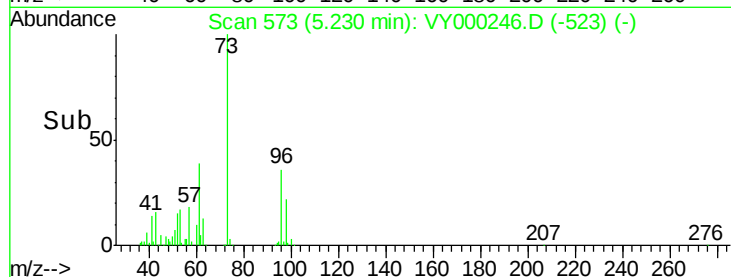
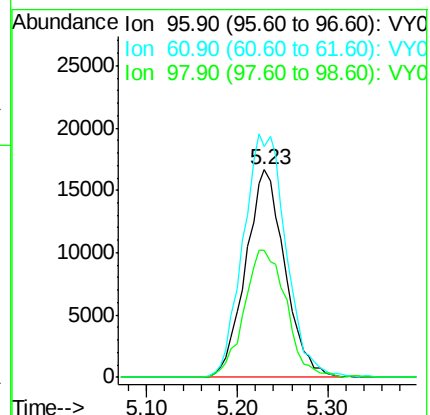
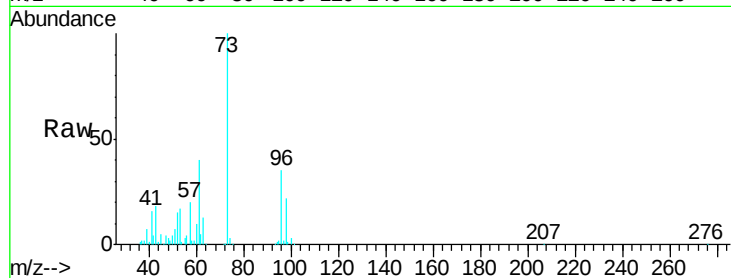
Tgt Ion: 96 Resp: 49740

Ion Ratio Lower Upper

96 100

61 111.4 104.2 156.2

98 61.1 51.0 76.6



#22

Diisopropyl ether

Concen: 15.167 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Tgt Ion: 45 Resp: 168022

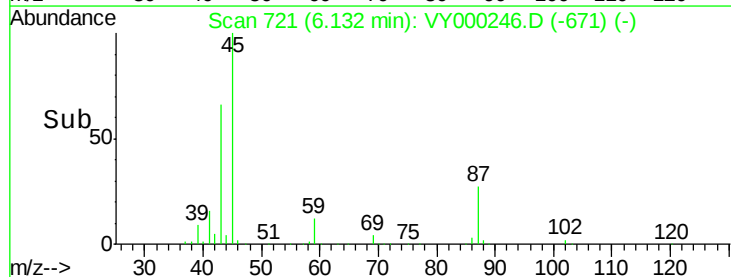
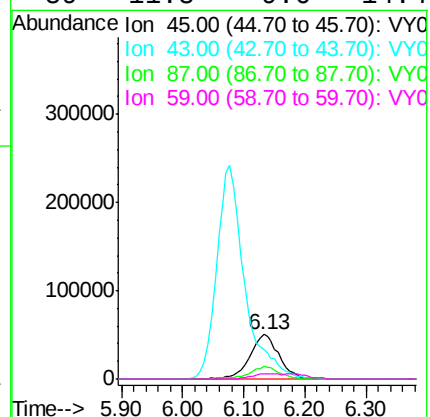
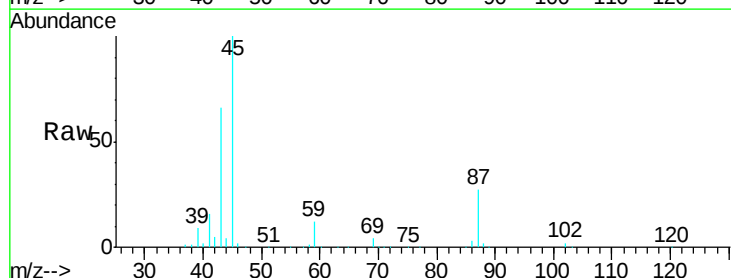
Ion Ratio Lower Upper

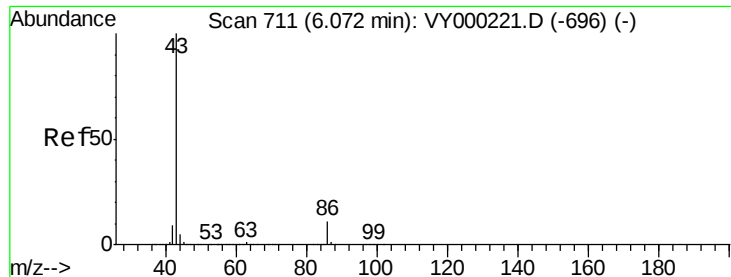
45 100

43 65.0 53.4 80.2

87 27.3 21.7 32.5

59 11.8 9.6 14.4





#23

Vinyl Acetate

Concen: 72.461 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

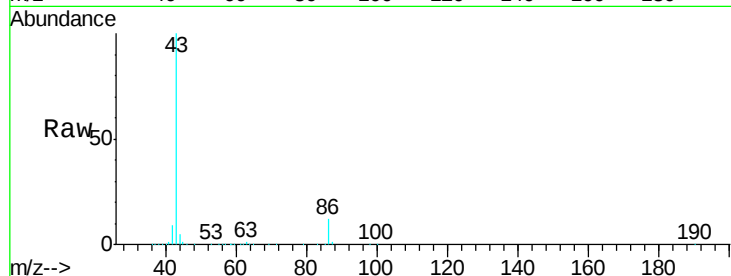
VY1009WBS01

Tgt Ion: 43 Resp: 775748

Ion Ratio Lower Upper

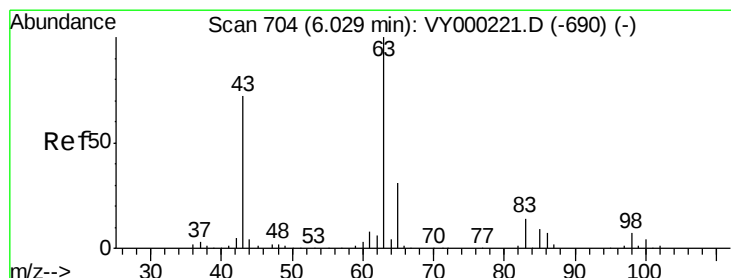
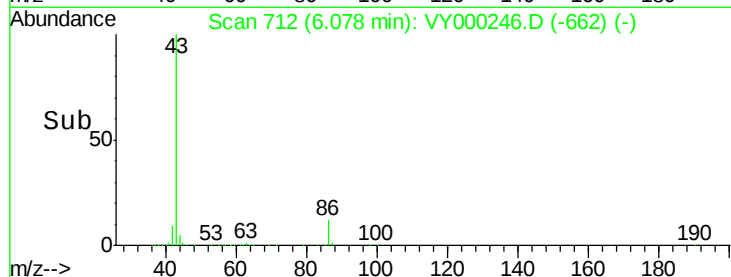
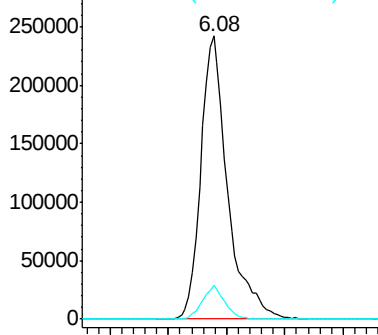
43 100

86 11.8 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 15.883 ug/l

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

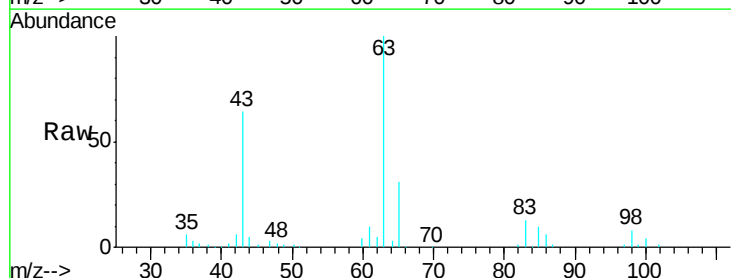
Tgt Ion: 63 Resp: 89750

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

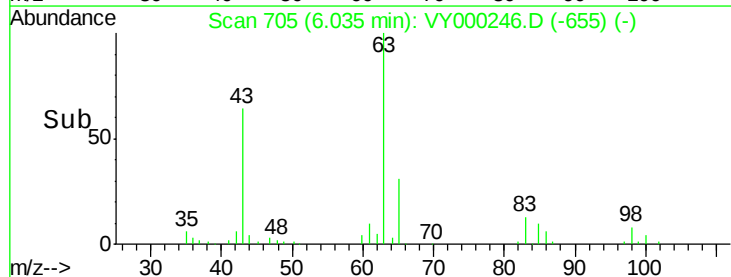
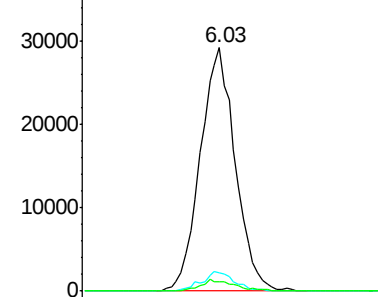
100 3.8 2.1 6.5

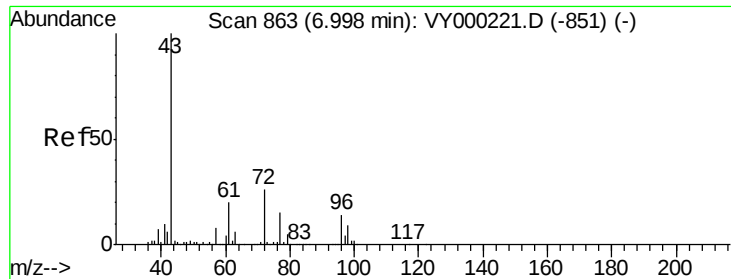


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

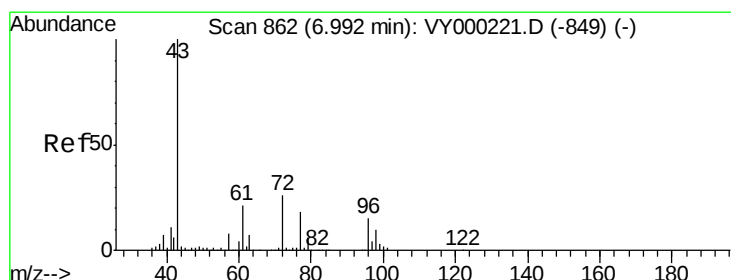
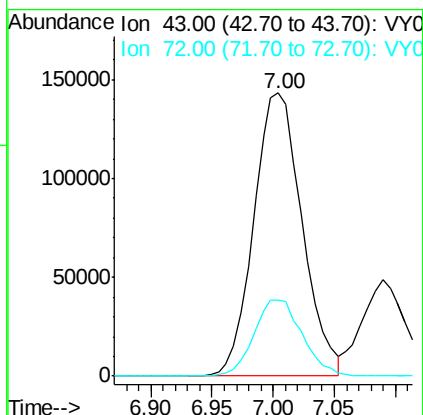
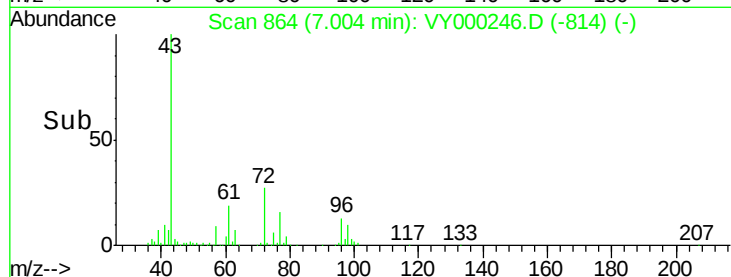
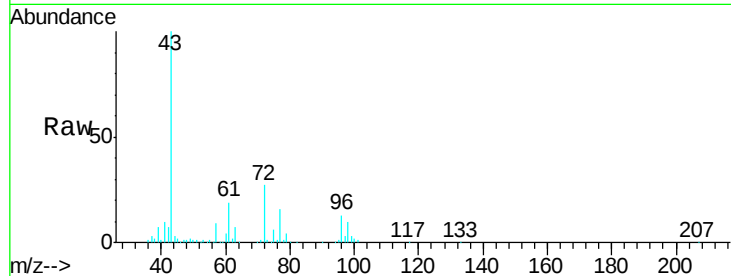




#25
2-Butanone
Concen: 81.037 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

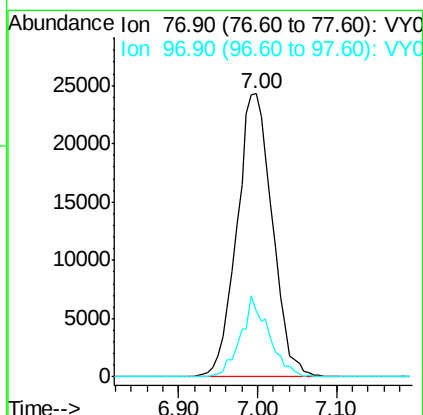
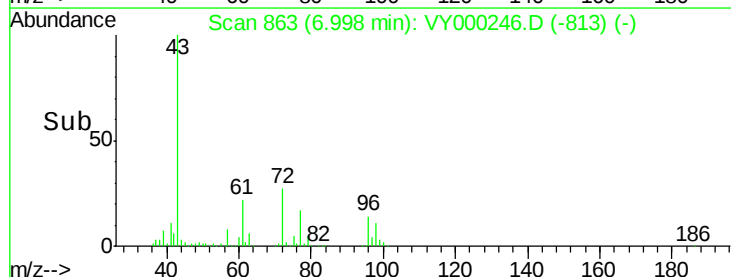
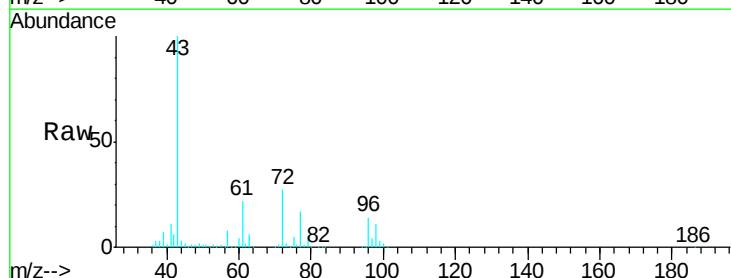
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

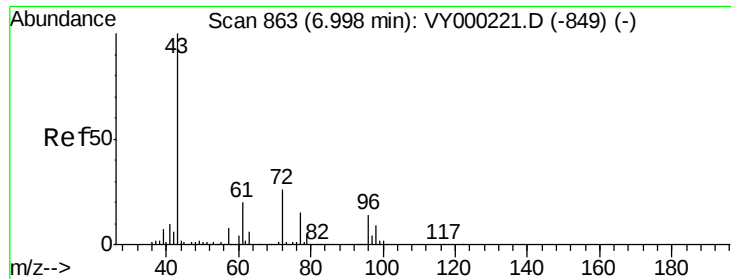
Tgt Ion: 43 Resp: 394138
Ion Ratio Lower Upper
43 100
72 26.7 20.6 31.0



#26
2,2-Dichloropropane
Concen: 14.864 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 77 Resp: 75820
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.0



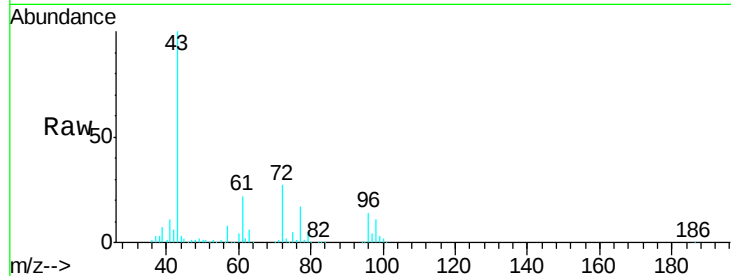


#27

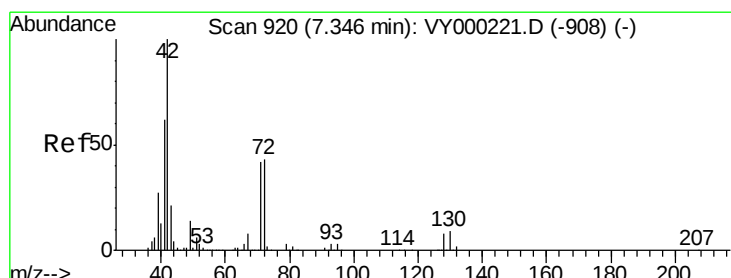
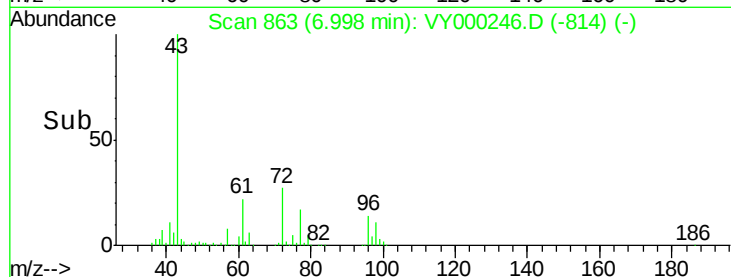
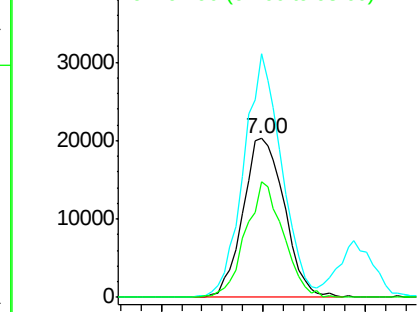
cis-1,2-Dichloroethene
Concen: 15.214 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tgt Ion: 96 Resp: 57205
Ion Ratio Lower Upper
96 100
61 140.1 0.0 282.6
98 66.0 0.0 129.8



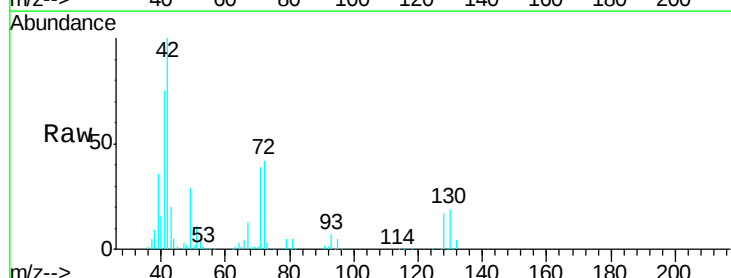
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



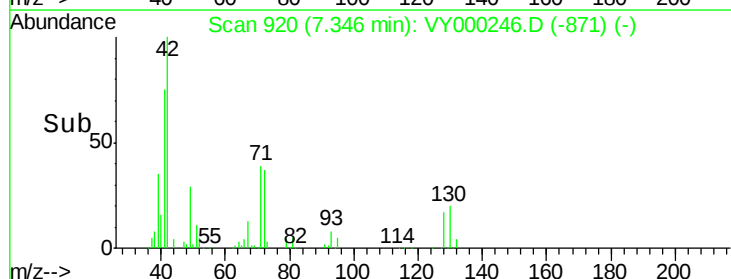
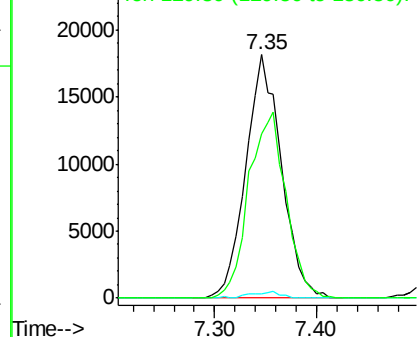
#28

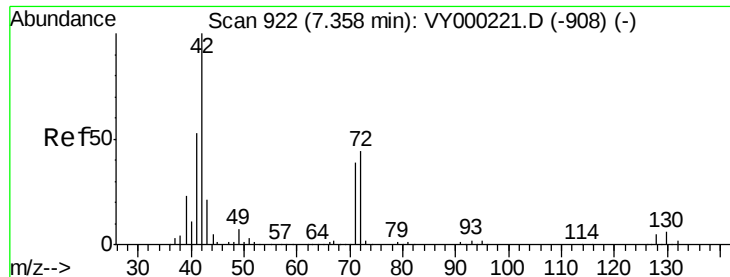
Bromochloromethane
Concen: 23.674 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 49 Resp: 44030
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.2
130 79.9 56.5 84.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 77.360 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

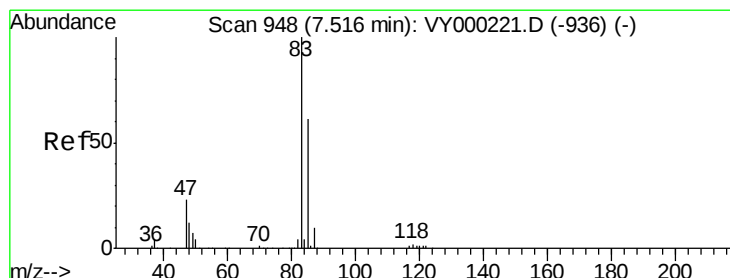
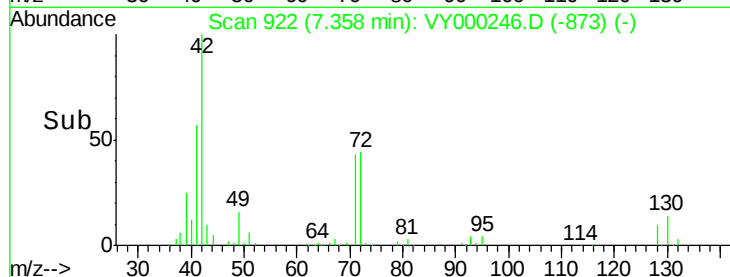
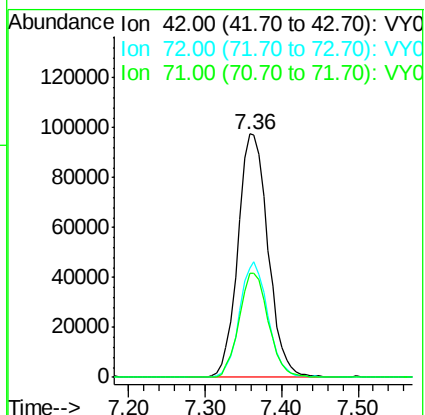
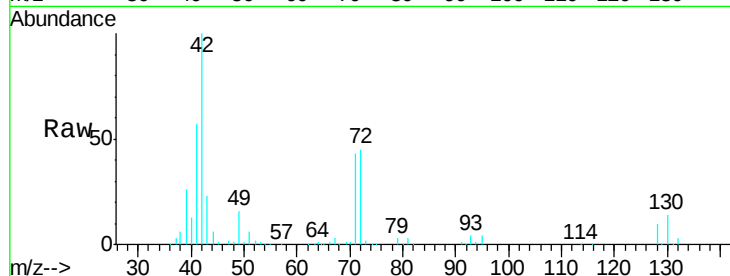
Tgt Ion: 42 Resp: 265725

Ion Ratio Lower Upper

42 100

72 44.9 34.6 51.8

71 42.0 31.9 47.9



#30

Chloroform

Concen: 15.529 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.01 min

Lab File: VY000246.D

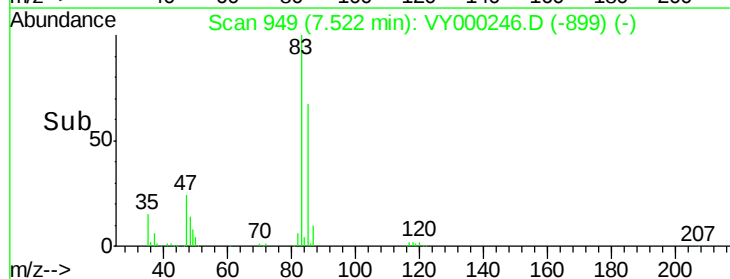
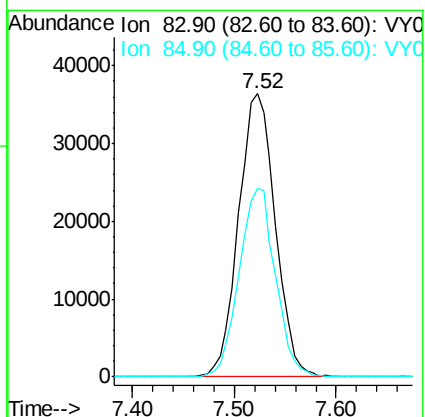
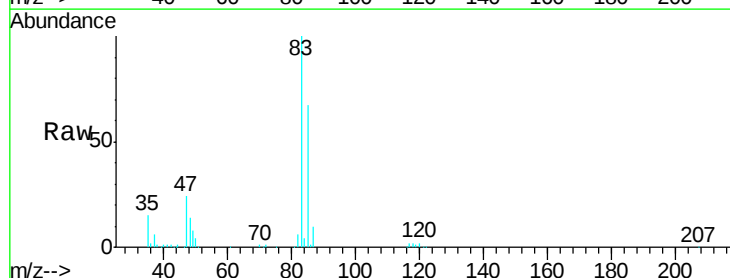
Acq: 09 Oct 2019 16:13

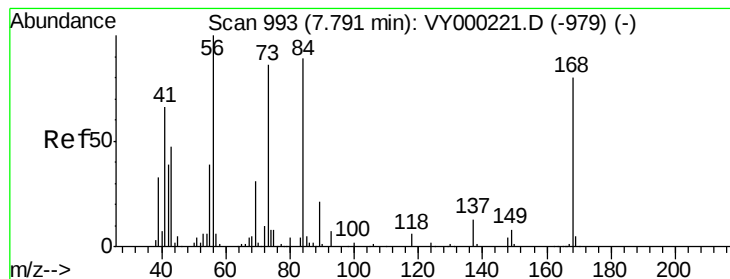
Tgt Ion: 83 Resp: 91068

Ion Ratio Lower Upper

83 100

85 66.7 48.9 73.3





#31

Cyclohexane

Concen: 14.490 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampled :

VY1009WBS01

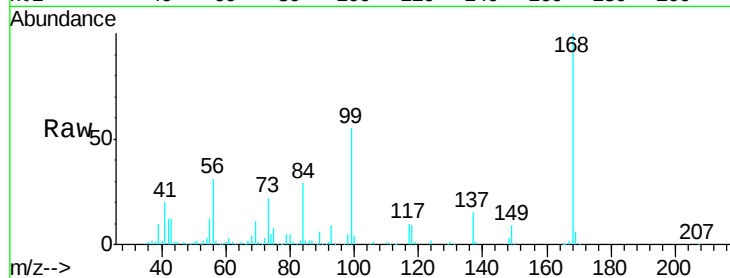
Tgt Ion: 56 Resp: 82700

Ion Ratio Lower Upper

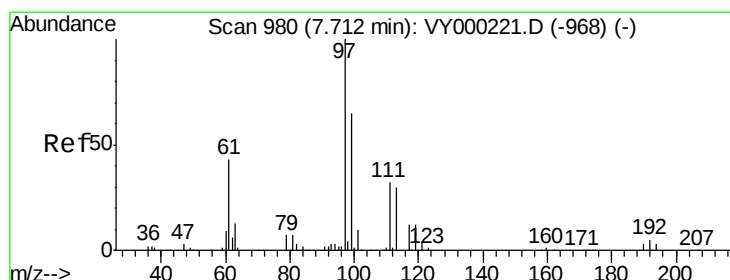
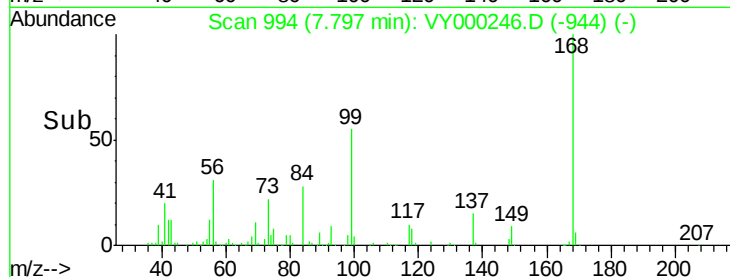
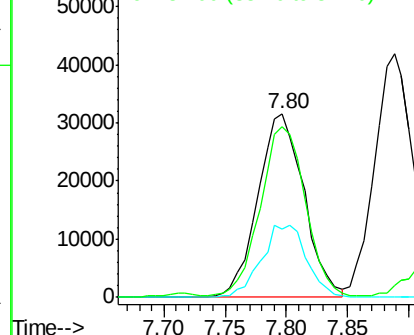
56 100

69 37.1 24.7 37.1#

84 90.8 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 16.258 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

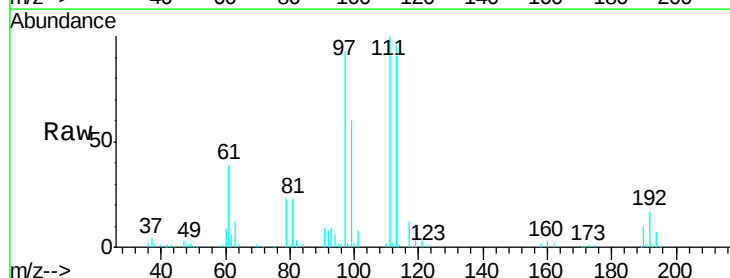
Tgt Ion: 97 Resp: 81054

Ion Ratio Lower Upper

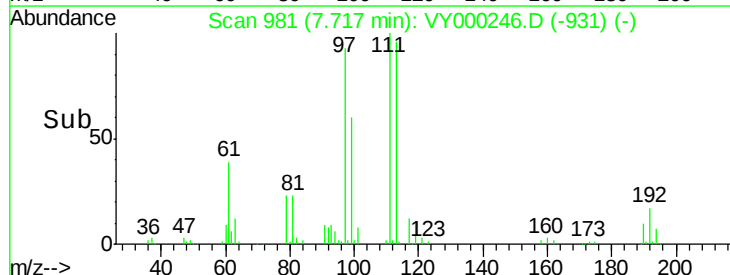
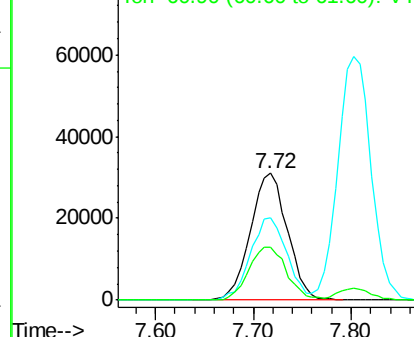
97 100

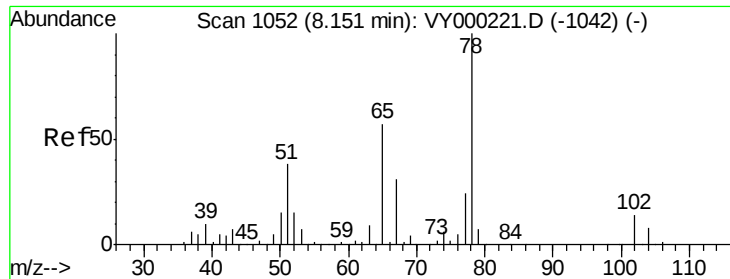
99 64.5 51.4 77.2

61 43.1 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

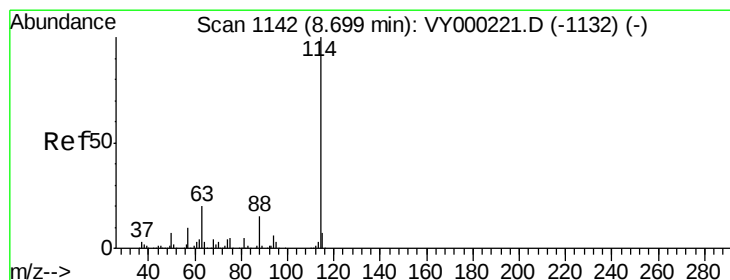
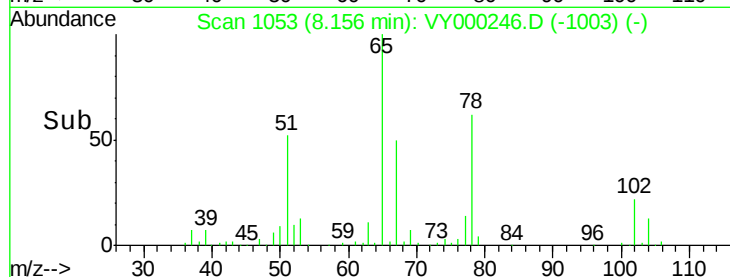
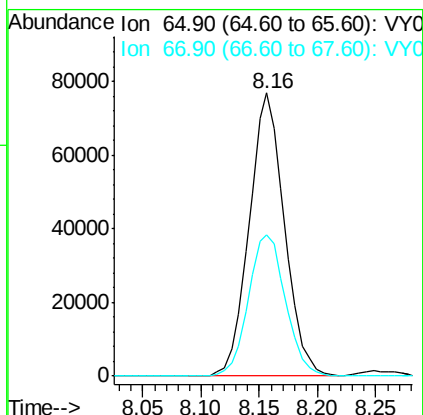
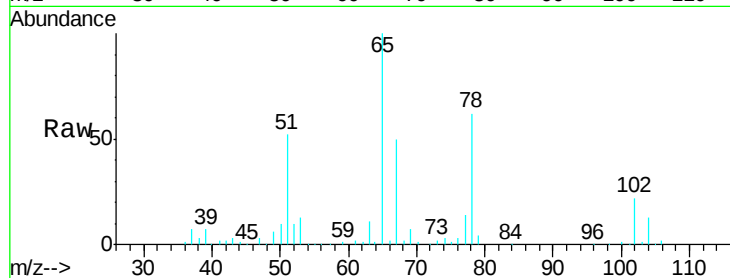




#33
 1,2-Dichloroethane-d4
 Concen: 48.914 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

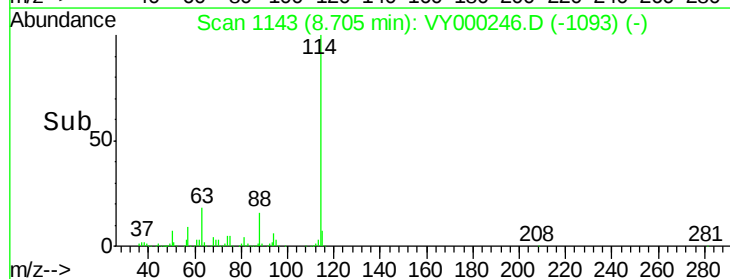
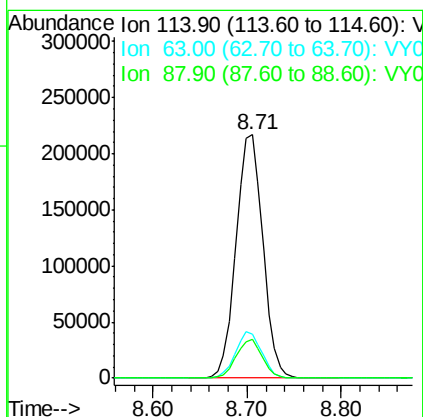
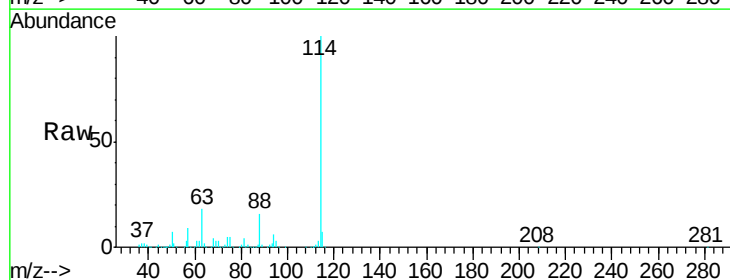
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

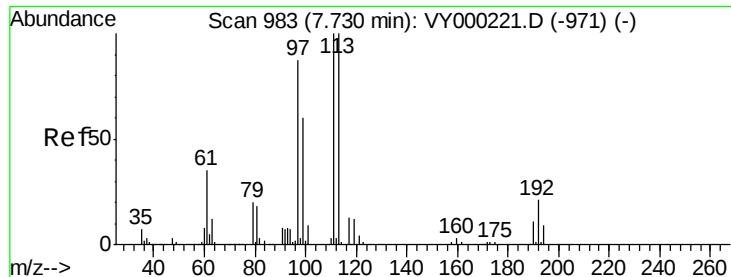
Tgt Ion: 65 Resp: 162370
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion: 114 Resp: 429953
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.0
 88 15.9 0.0 30.6

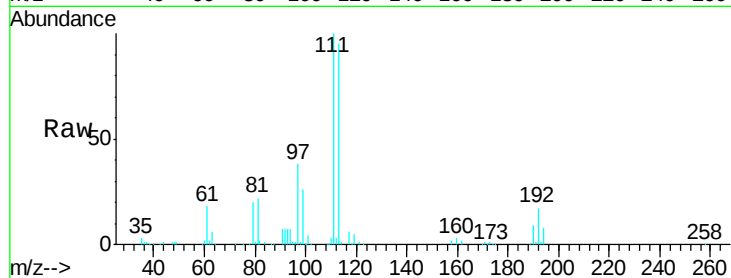




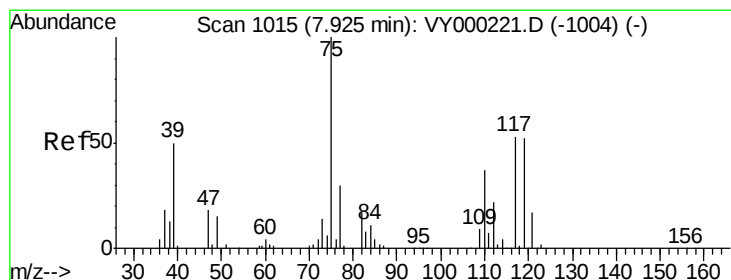
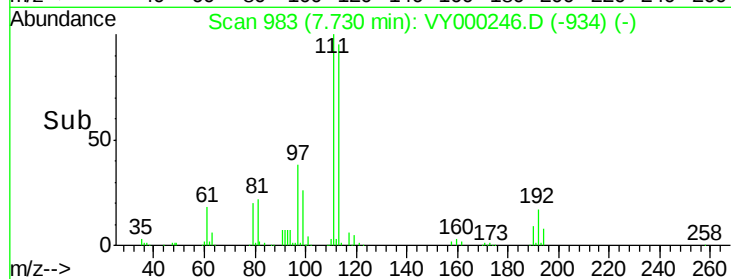
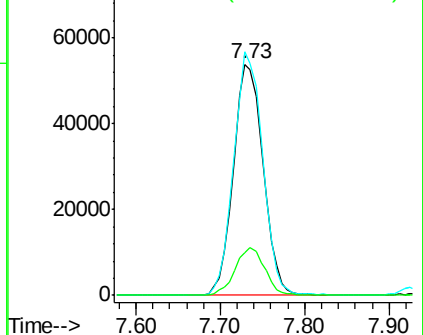
#35
 Dibromofluoromethane
 Concen: 47.970 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tgt Ion: 113 Resp: 128507
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 124.0
 192 20.3 15.8 23.8

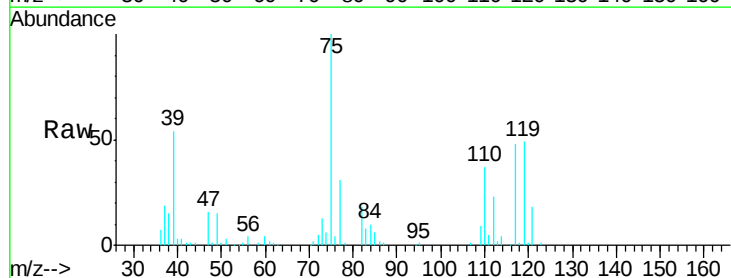


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

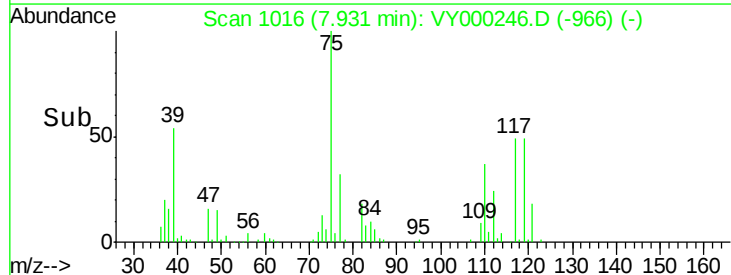
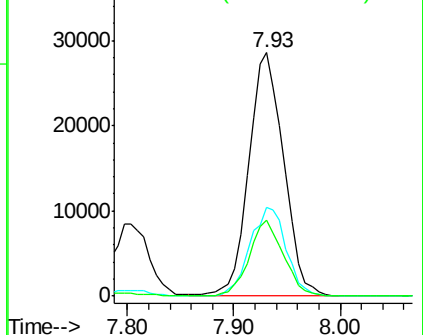


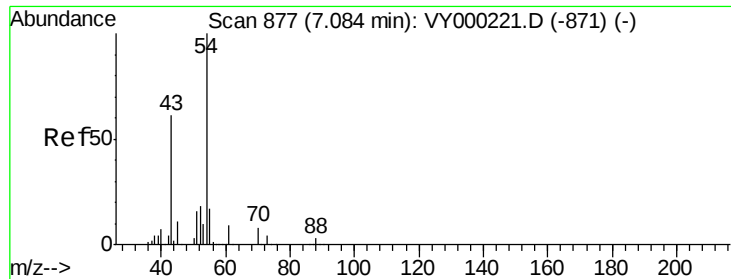
#36
 1,1-Dichloropropene
 Concen: 14.920 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion: 75 Resp: 65273
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.4 55.2
 77 30.8 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

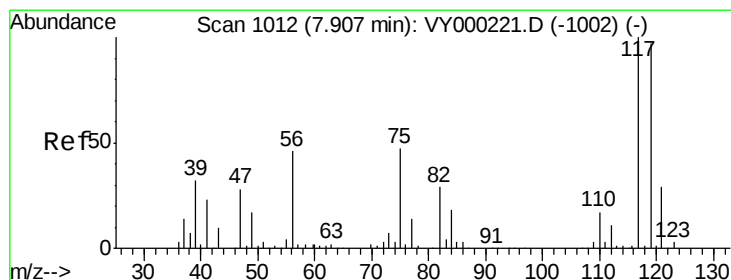
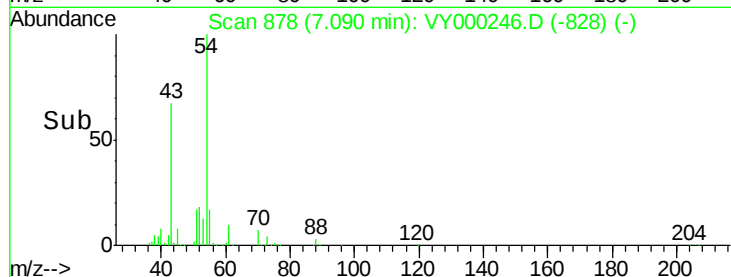
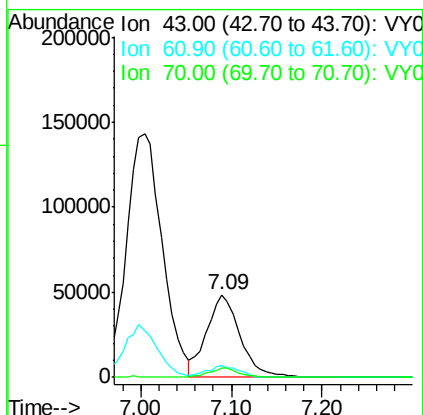
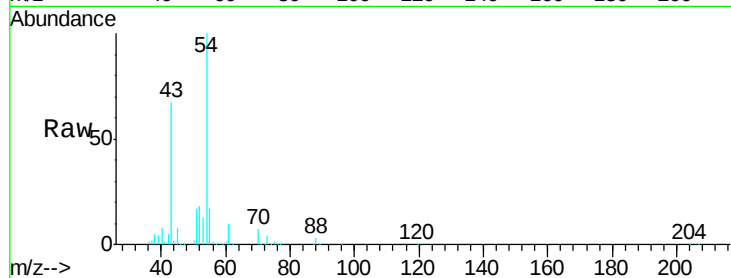




#37
Ethyl Acetate
Concen: 15.833 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

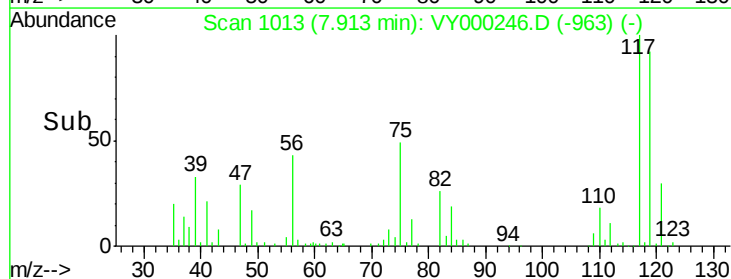
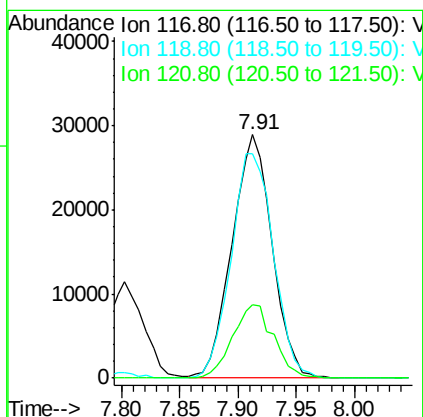
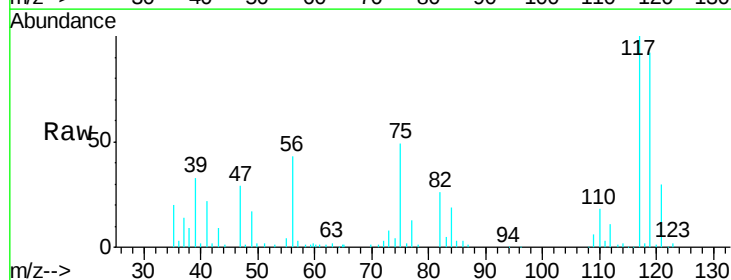
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

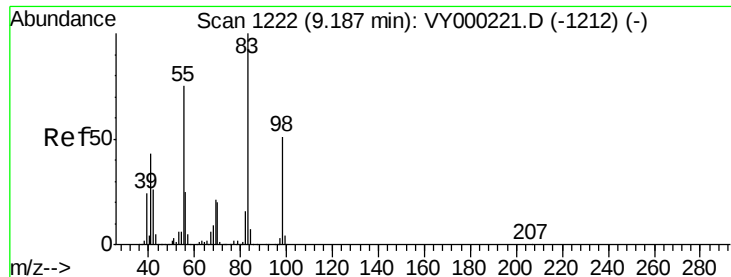
Tgt Ion: 43 Resp: 125214
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 10.1 8.5 12.7



#38
Carbon Tetrachloride
Concen: 16.307 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 117 Resp: 69531
Ion Ratio Lower Upper
117 100
119 92.0 77.2 115.8
121 30.4 23.1 34.7

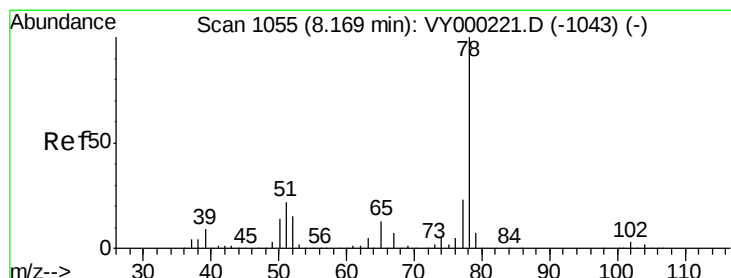
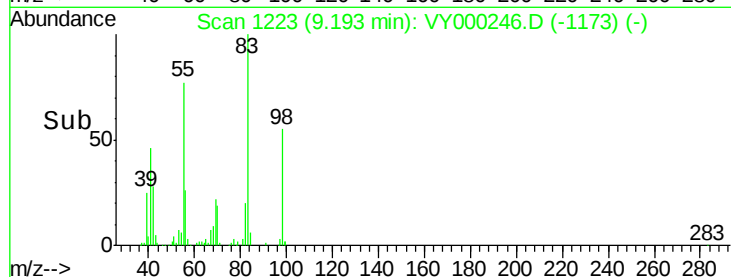
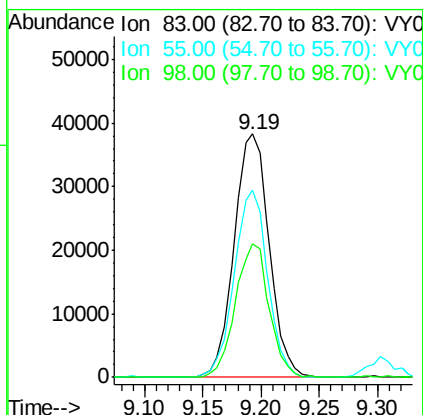
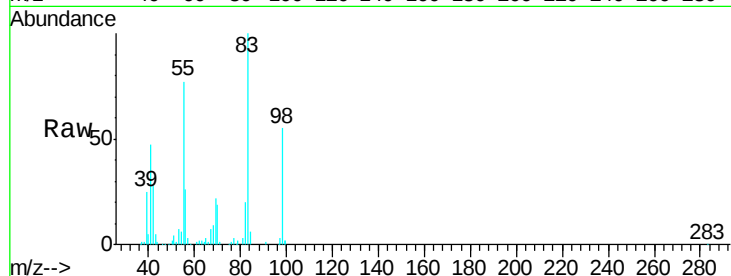




#39
Methylcyclohexane
Concen: 14.653 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

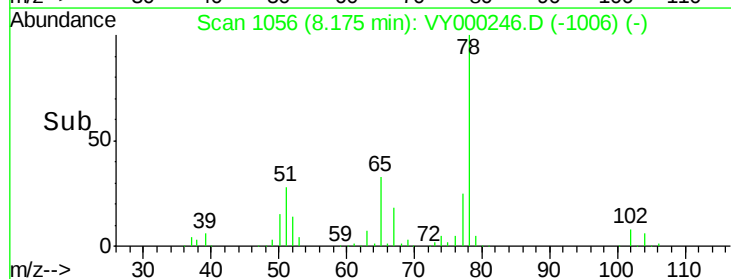
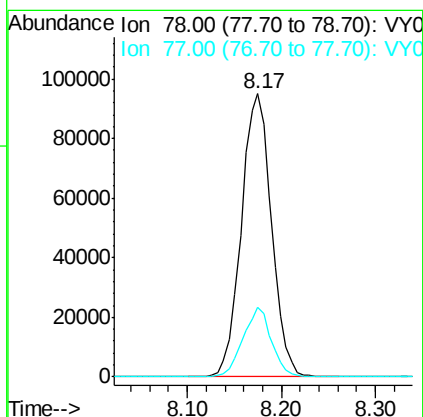
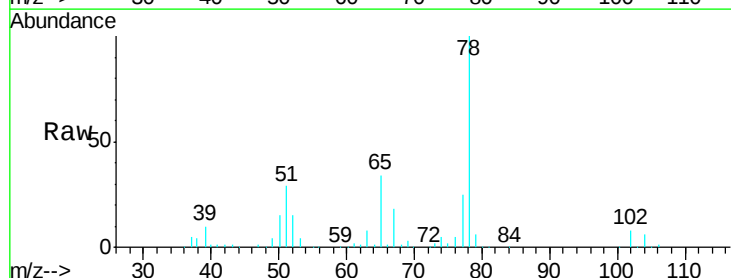
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

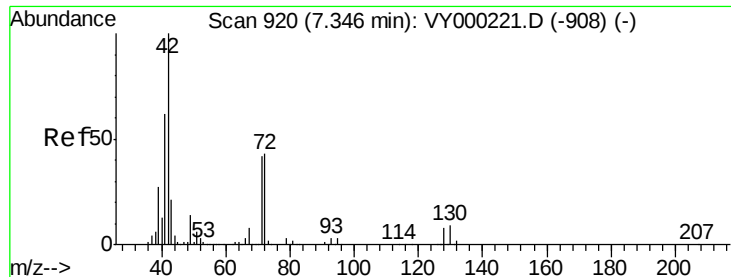
Tgt Ion: 83 Resp: 80420
Ion Ratio Lower Upper
83 100
55 76.7 60.2 90.4
98 55.0 40.5 60.7



#40
Benzene
Concen: 15.847 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 78 Resp: 210300
Ion Ratio Lower Upper
78 100
77 24.5 18.6 28.0





#41

Methacrylonitrile

Concen: 32.500 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tgt Ion: 41 Resp: 202306

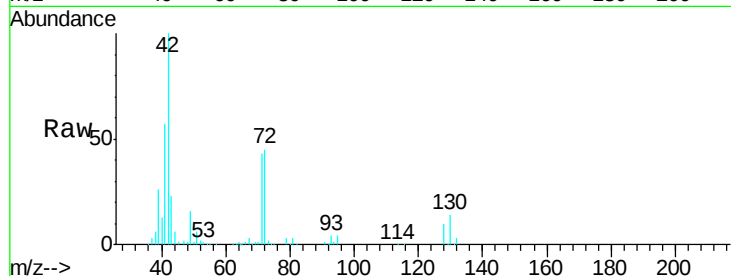
Ion Ratio Lower Upper

41 100

39 48.2 74.7 112.1#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

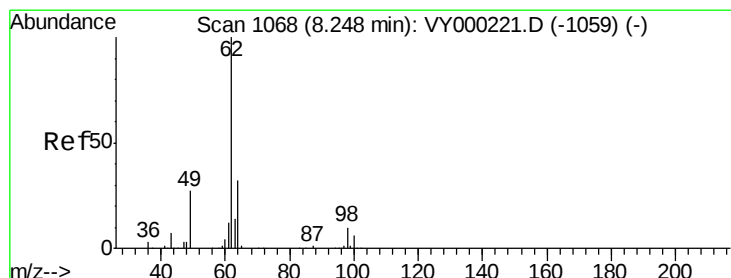
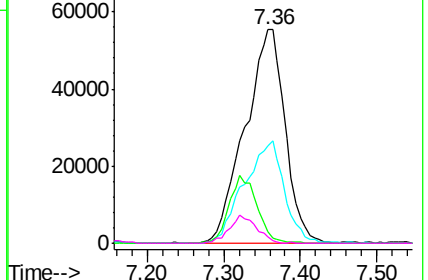
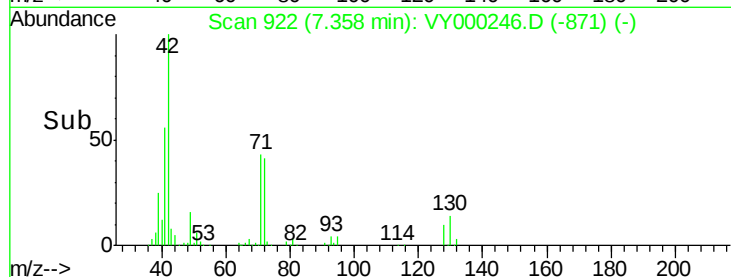


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 17.215 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000246.D

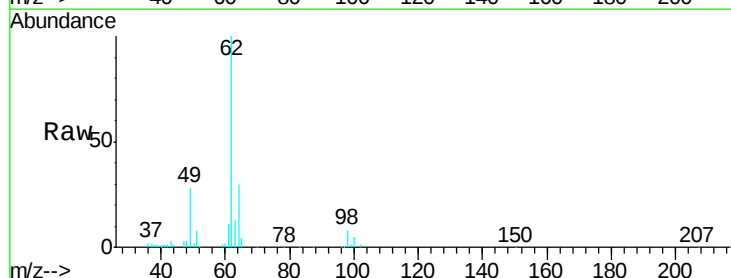
Acq: 09 Oct 2019 16:13

Tgt Ion: 62 Resp: 74205

Ion Ratio Lower Upper

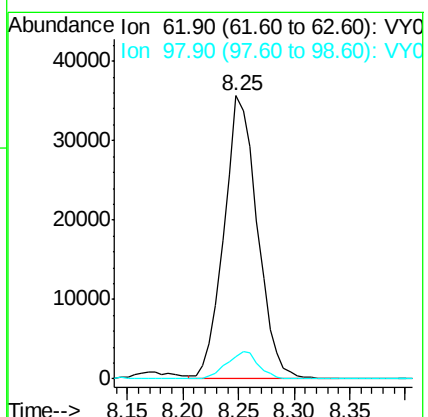
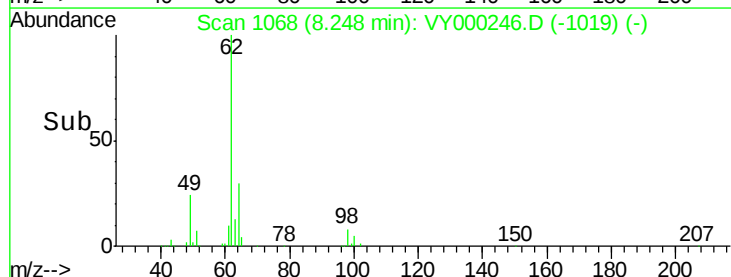
62 100

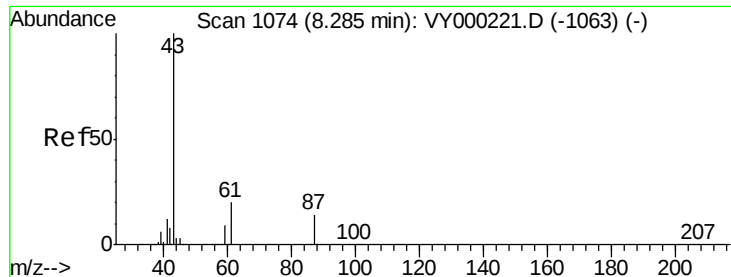
98 9.3 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

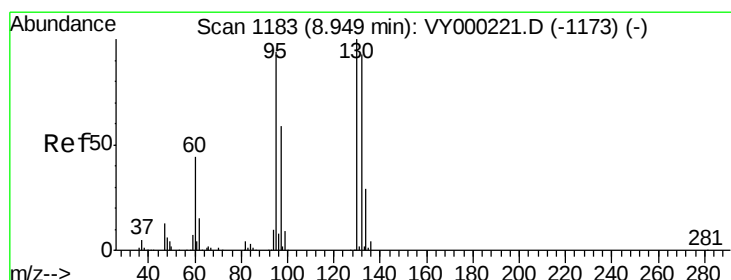
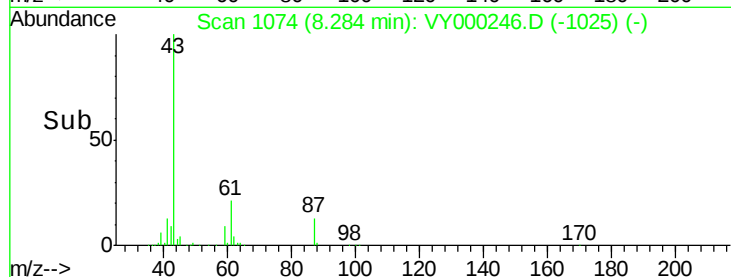
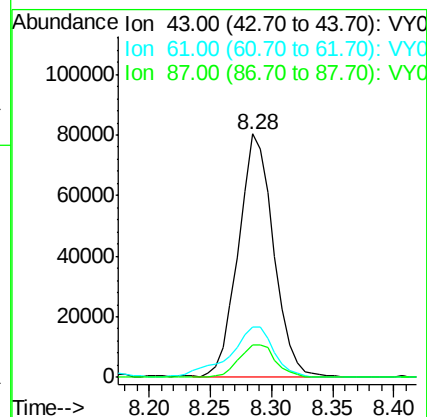
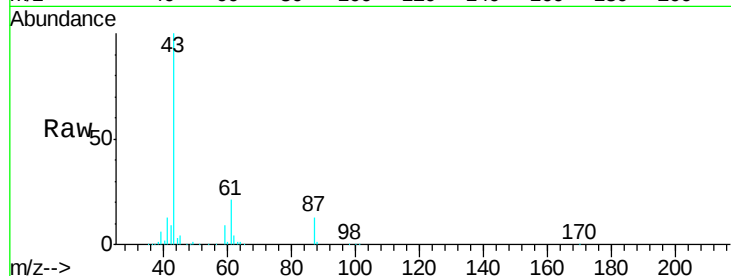




#43
Isopropyl Acetate
Concen: 15.807 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

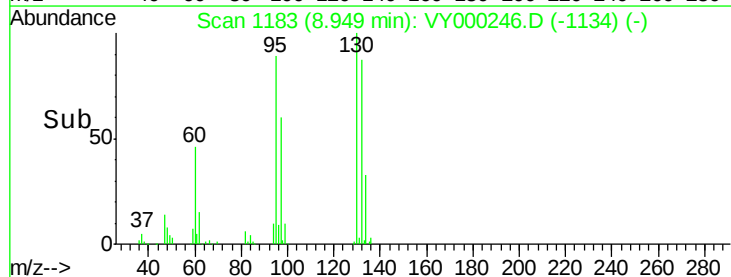
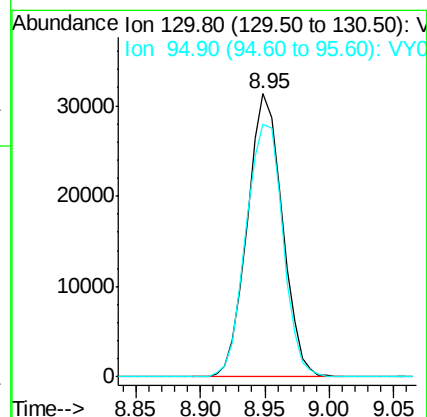
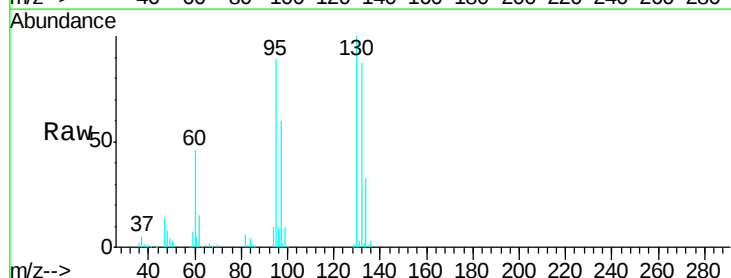
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

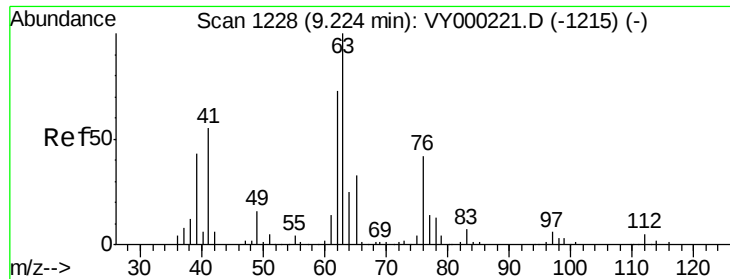
Tgt Ion: 43 Resp: 160912
Ion Ratio Lower Upper
43 100
61 26.3 20.1 30.1
87 14.1 10.6 15.8



#44
Trichloroethene
Concen: 16.367 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 130 Resp: 58899
Ion Ratio Lower Upper
130 100
95 89.2 0.0 189.0





#45

1,2-Dichloropropane

Concen: 16.355 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

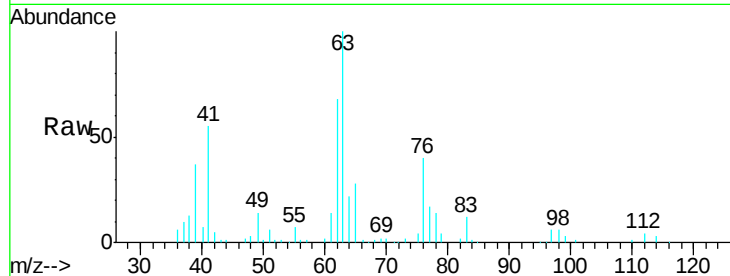
VY1009WBS01

Tgt Ion: 63 Resp: 54363

Ion Ratio Lower Upper

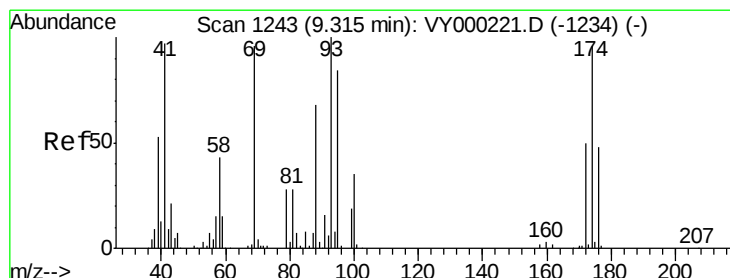
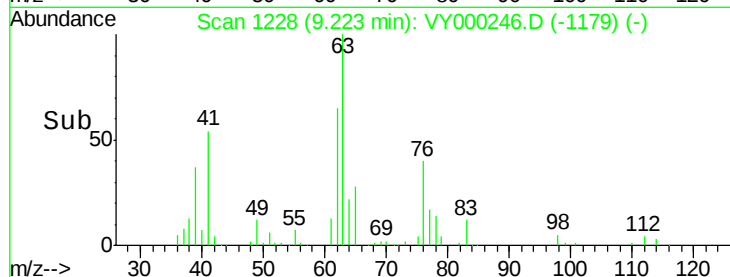
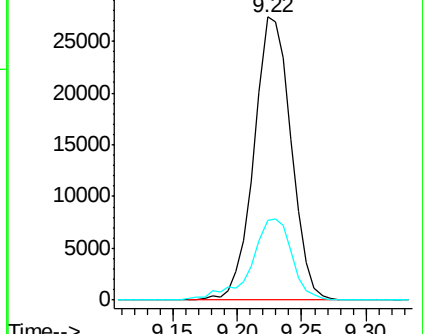
63 100

65 28.3 26.6 39.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 15.815 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

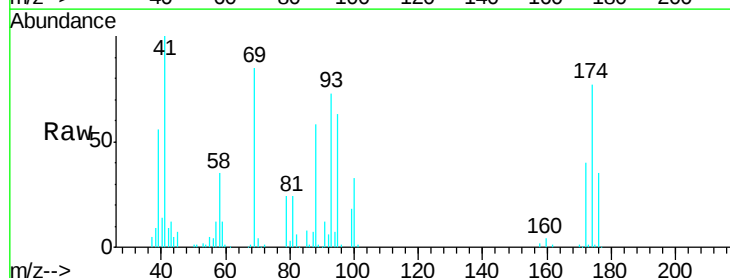
Tgt Ion: 93 Resp: 36853

Ion Ratio Lower Upper

93 100

95 83.5 67.0 100.6

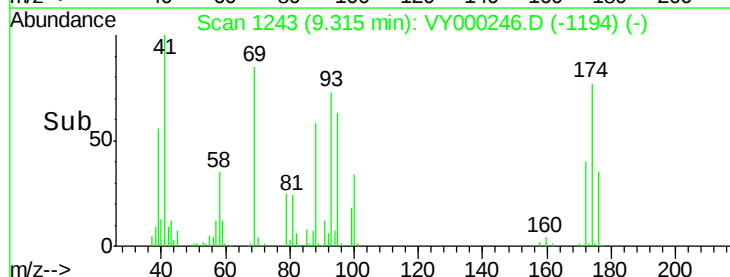
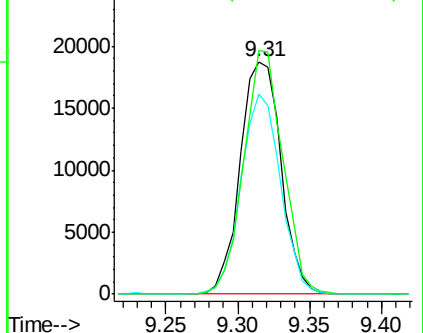
174 100.5 77.5 116.3

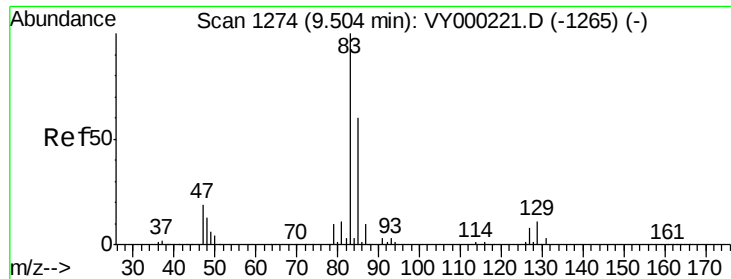


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.063 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

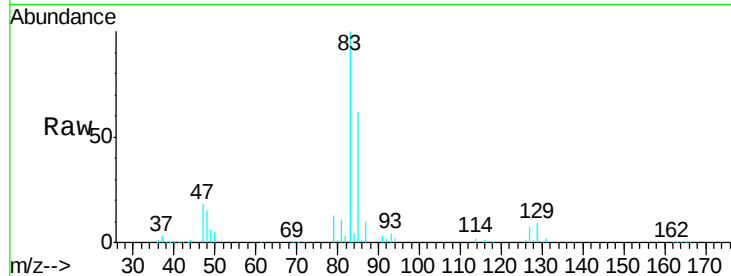
Tgt Ion: 83 Resp: 73220

Ion Ratio Lower Upper

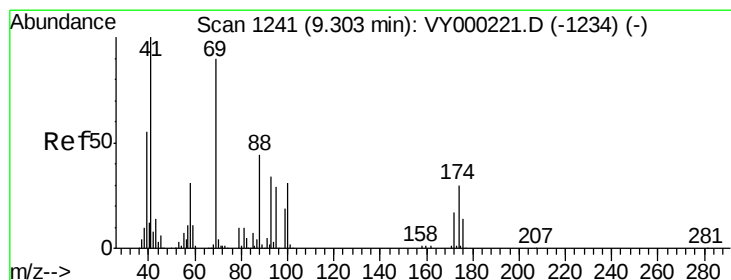
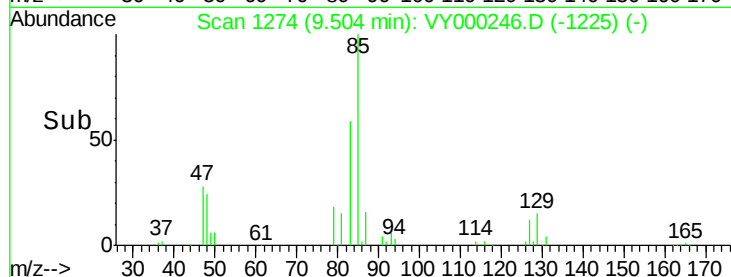
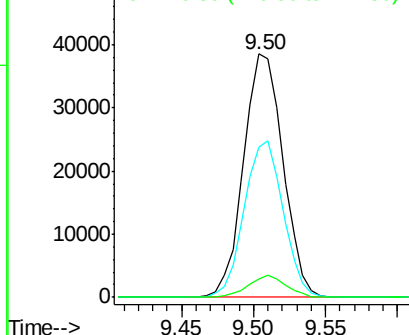
83 100

85 61.6 48.0 72.0

127 7.4 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 15.538 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

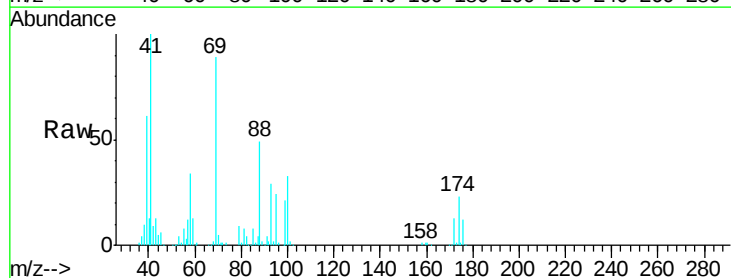
Tgt Ion: 41 Resp: 71395

Ion Ratio Lower Upper

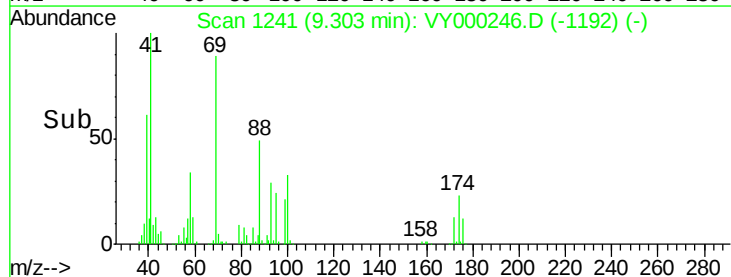
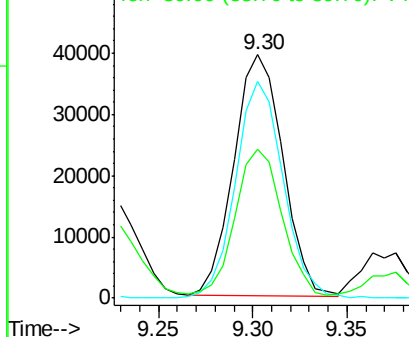
41 100

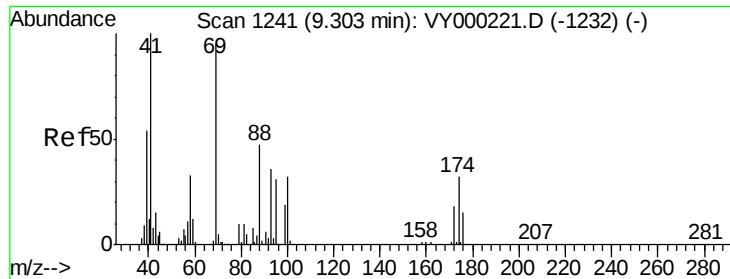
69 87.4 70.3 105.5

39 60.1 45.5 68.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

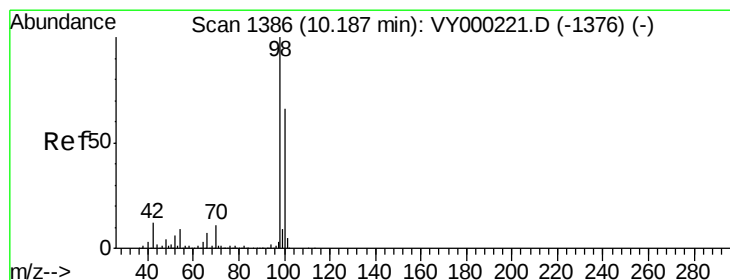
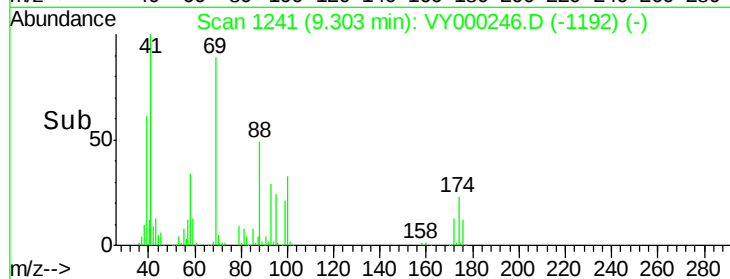
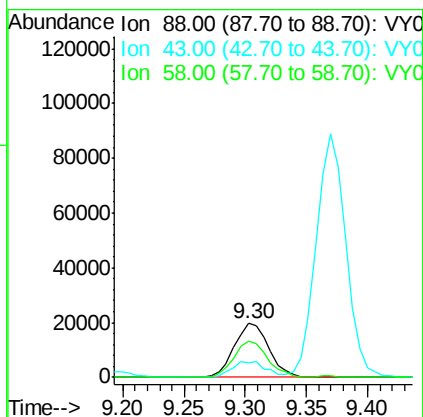
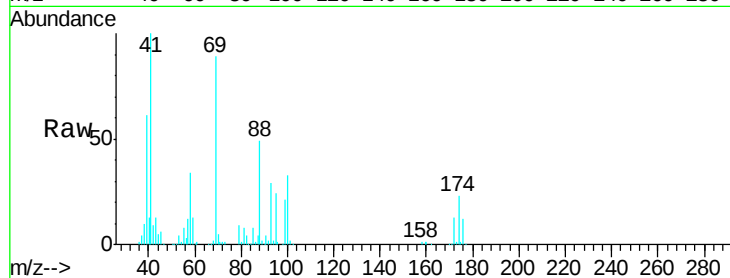




#49
 1,4-Dioxane
 Concen: 329.259 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

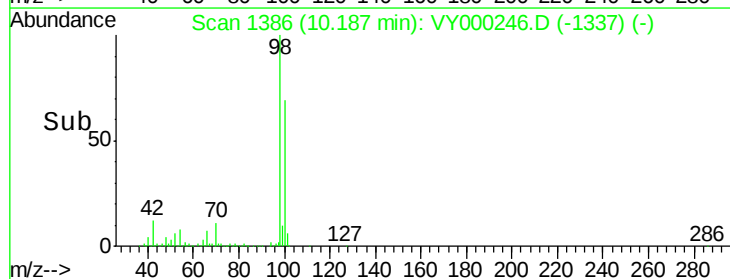
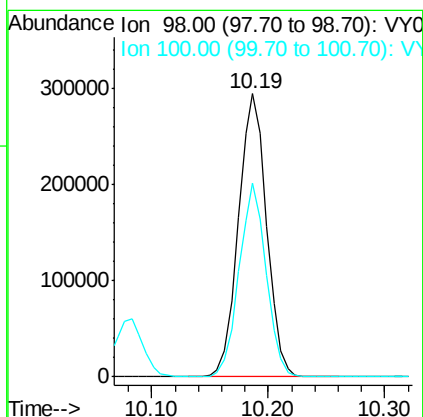
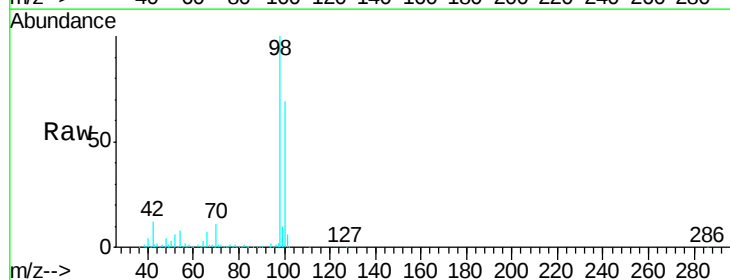
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

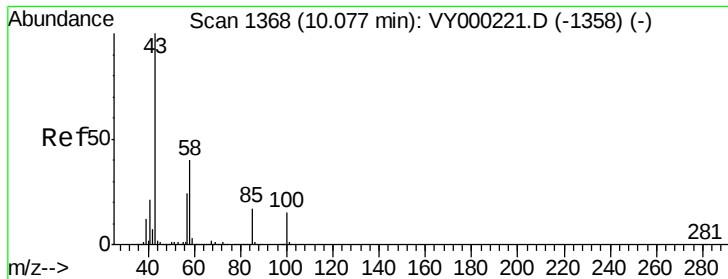
Tgt Ion: 88 Resp: 38836
 Ion Ratio Lower Upper
 88 100
 43 28.8 24.5 36.7
 58 65.4 54.2 81.2



#50
 Toluene-d8
 Concen: 47.157 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion: 98 Resp: 496247
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 82.506 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

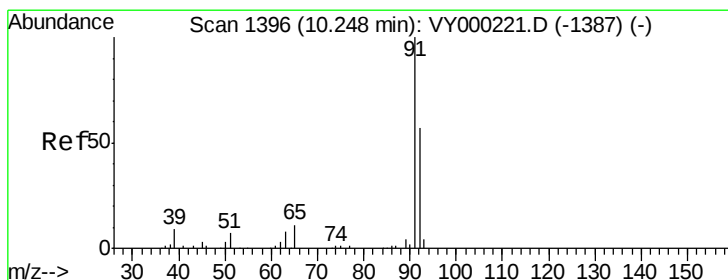
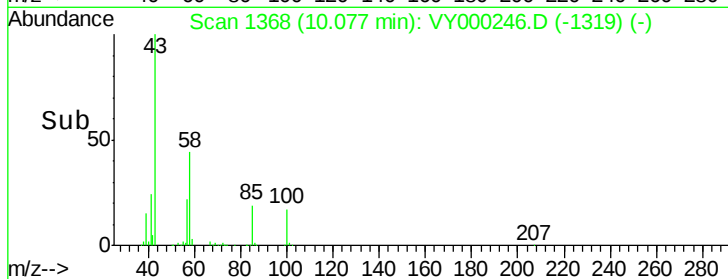
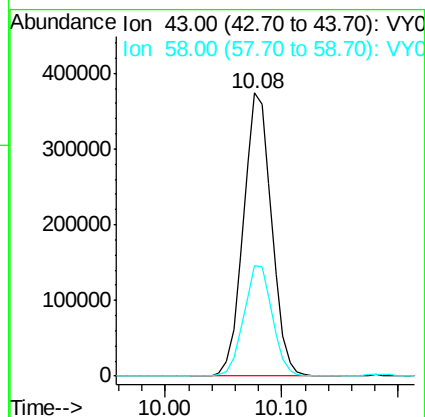
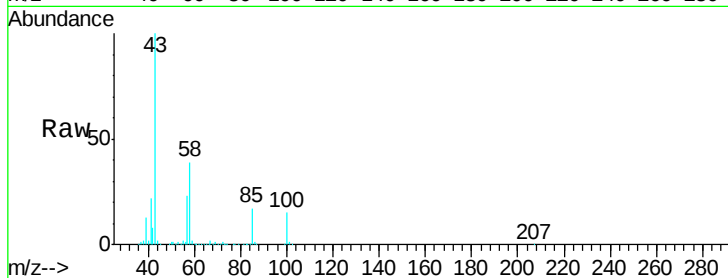
VY1009WBS01

Tgt Ion: 43 Resp: 631207

Ion Ratio Lower Upper

43 100

58 39.4 31.7 47.5



#52

Toluene

Concen: 15.265 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY000246.D

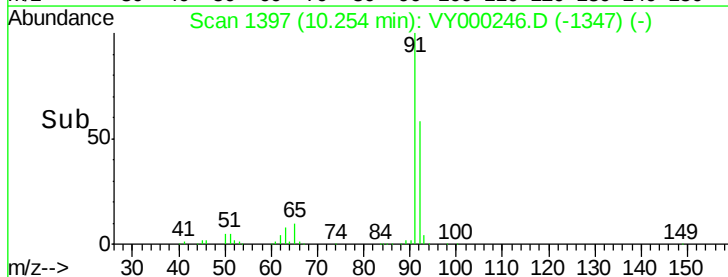
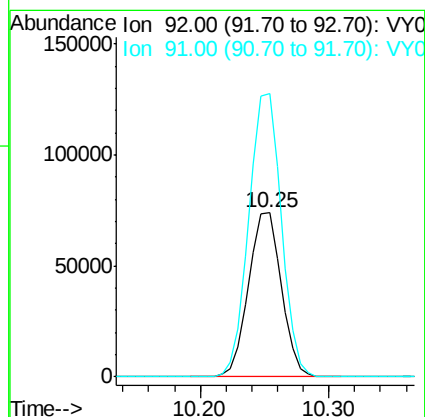
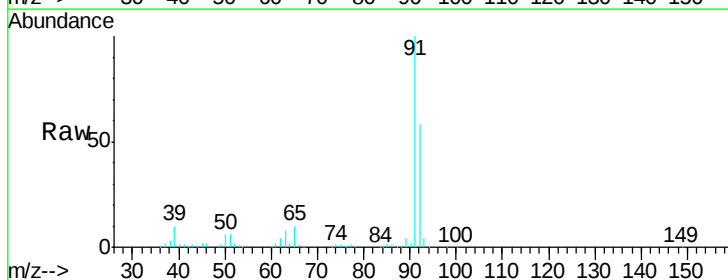
Acq: 09 Oct 2019 16:13

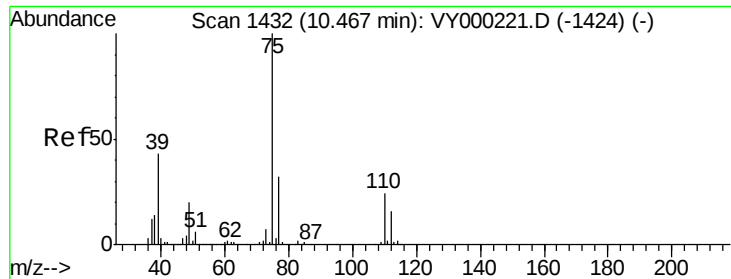
Tgt Ion: 92 Resp: 129928

Ion Ratio Lower Upper

92 100

91 171.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 15.373 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampled :

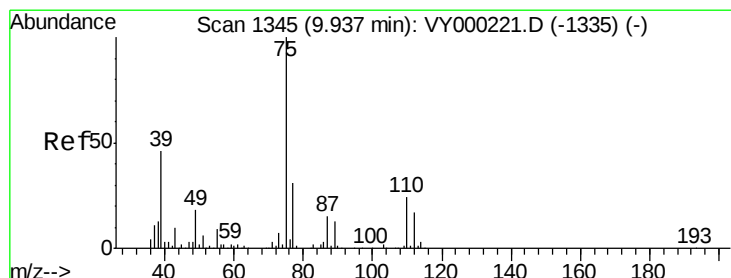
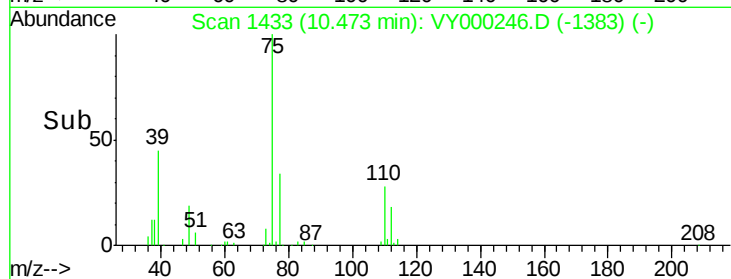
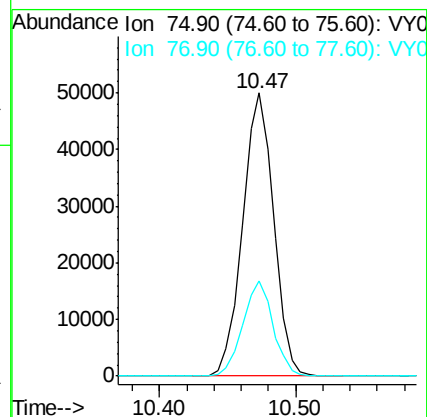
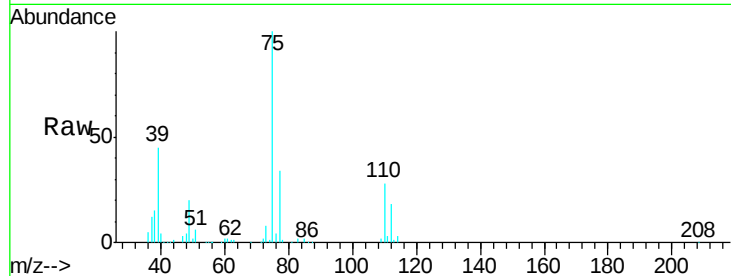
VY1009WBS01

Tgt Ion: 75 Resp: 79501

Ion Ratio Lower Upper

75 100

77 33.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 15.841 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

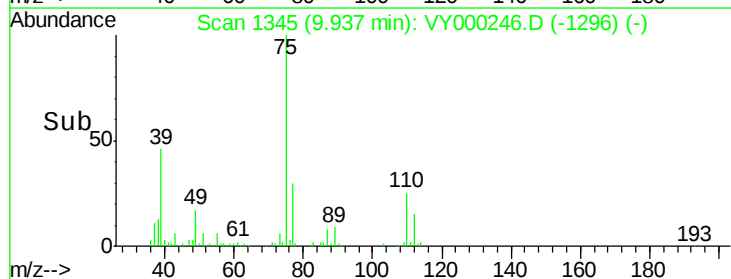
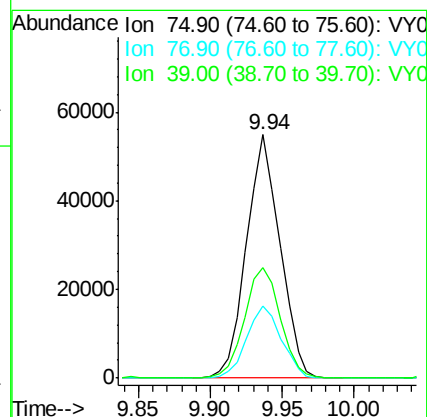
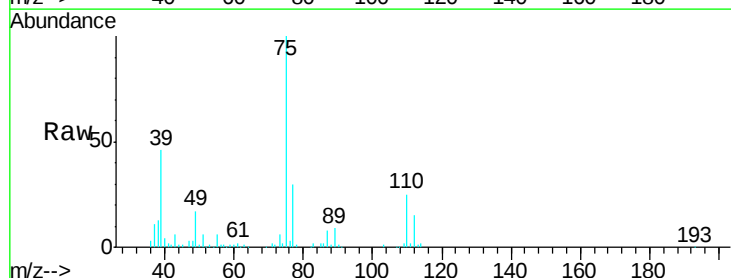
Tgt Ion: 75 Resp: 88644

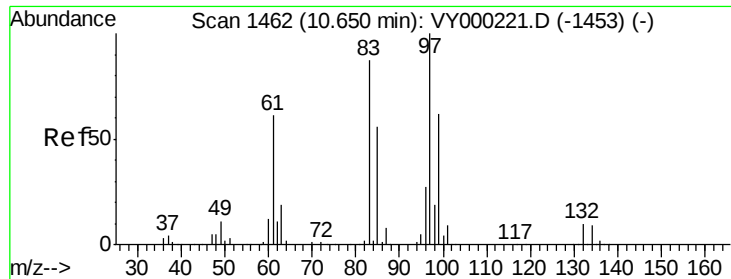
Ion Ratio Lower Upper

75 100

77 29.7 25.0 37.4

39 45.5 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 16.373 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

Tgt Ion: 97 Resp: 54952

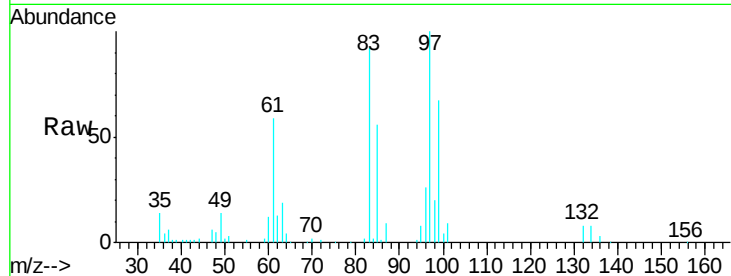
Ion Ratio Lower Upper

97 100

83 91.7 69.4 104.0

85 55.8 44.6 66.8

99 67.4 49.2 73.8

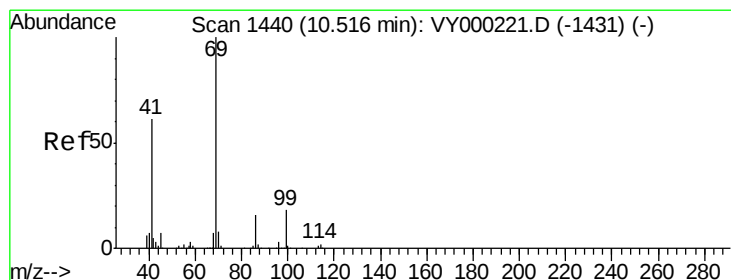
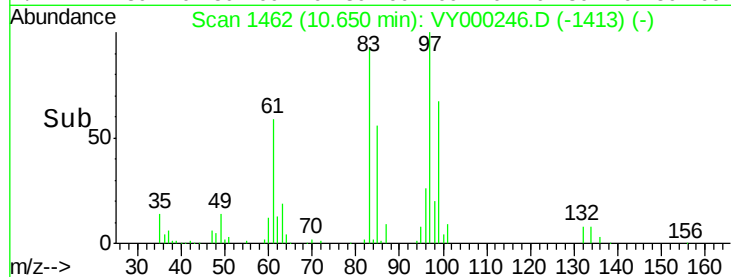
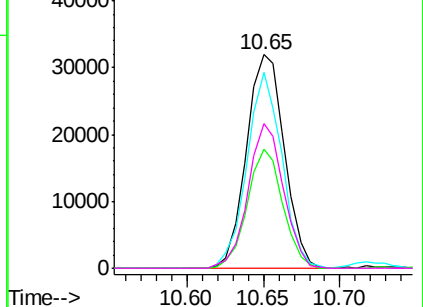


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 15.630 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

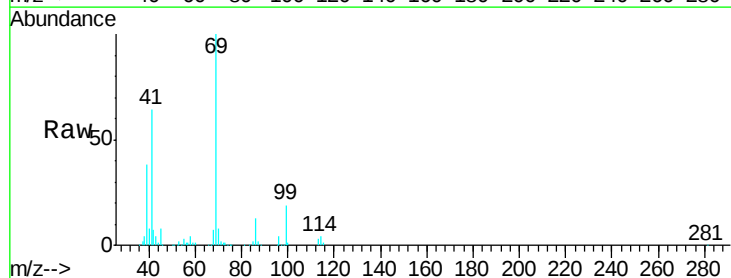
Tgt Ion: 69 Resp: 92355

Ion Ratio Lower Upper

69 100

41 65.7 51.2 76.8

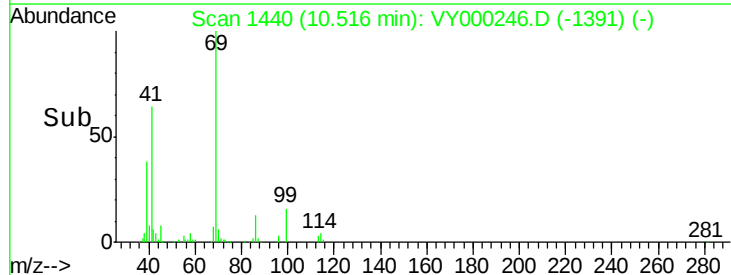
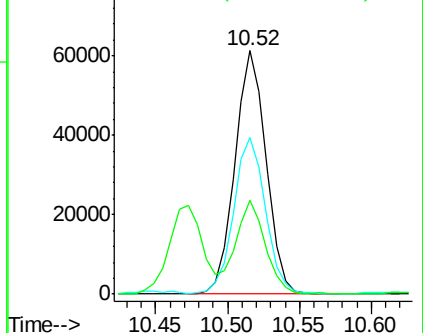
39 36.5 27.0 40.4

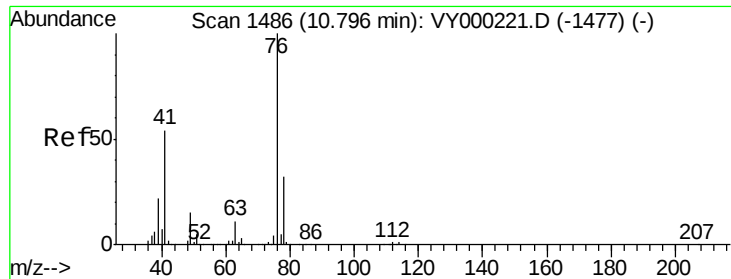


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

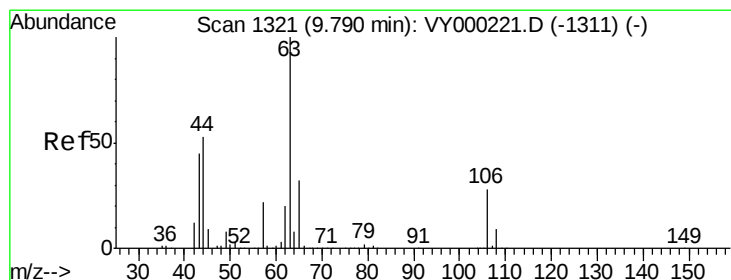
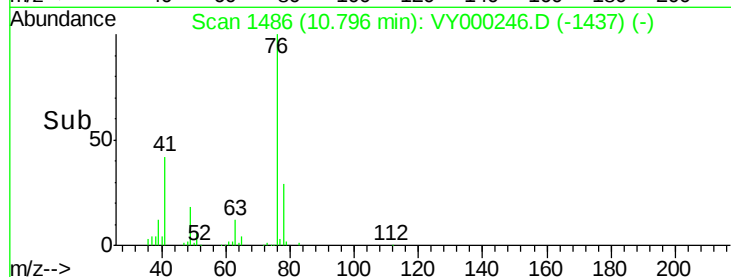
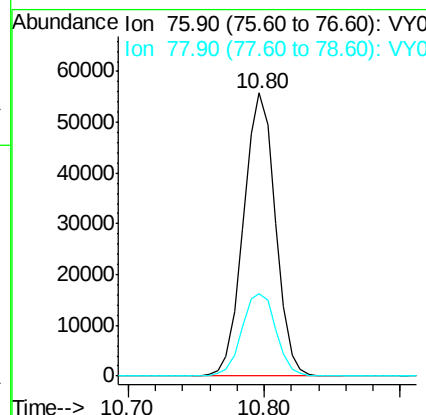
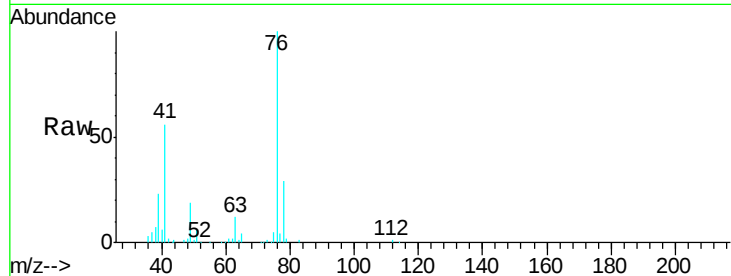




#57
 1,3-Dichloropropane
 Concen: 15.927 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

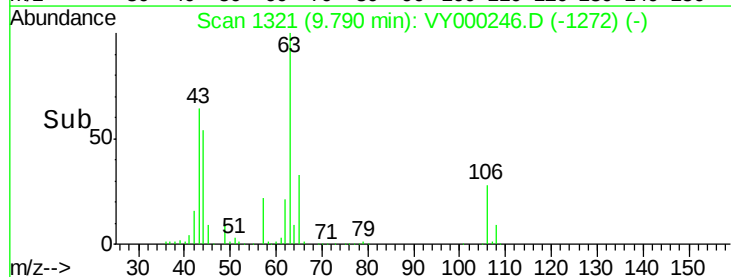
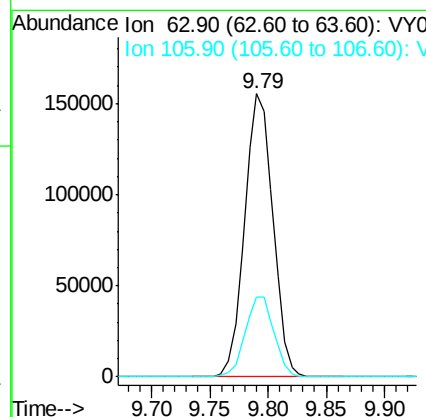
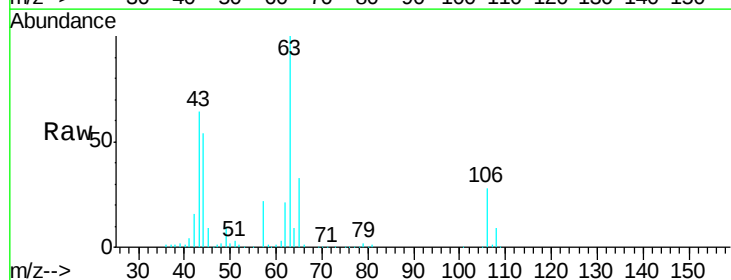
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

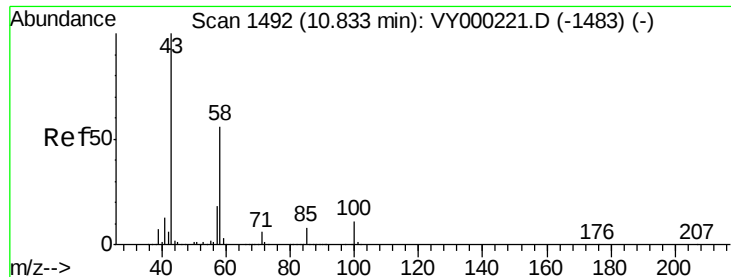
Tgt Ion: 76 Resp: 91270
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.333 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion: 63 Resp: 264252
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.6 33.8

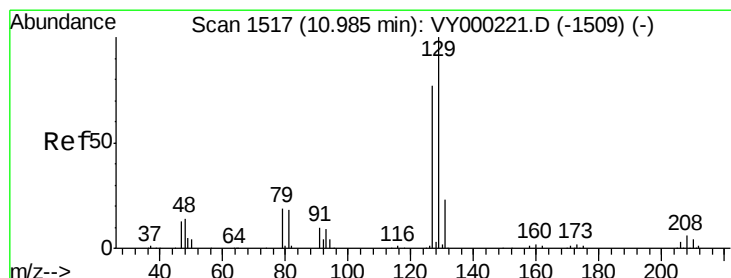
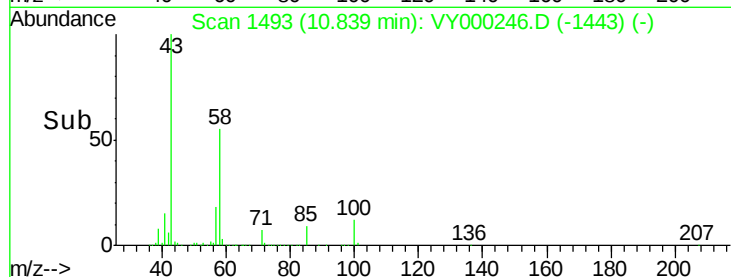
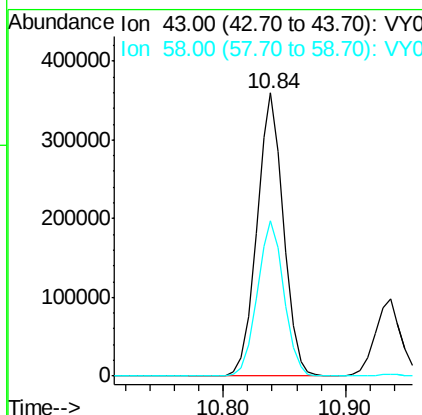
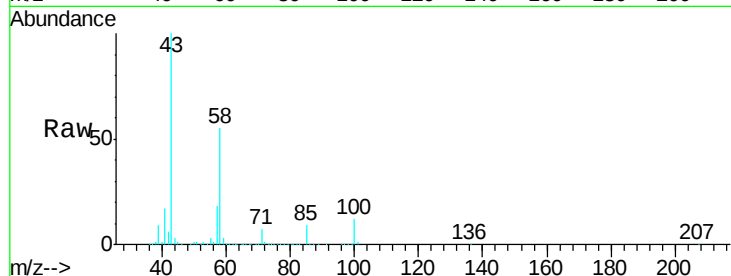




#59
2-Hexanone
Concen: 75.196 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

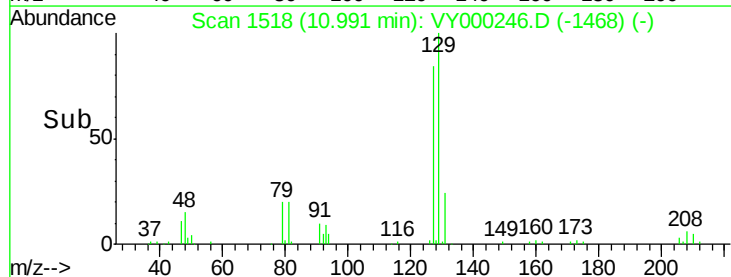
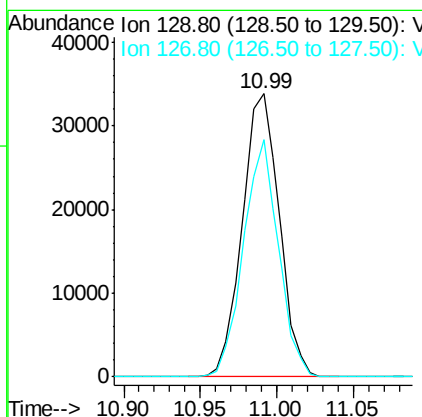
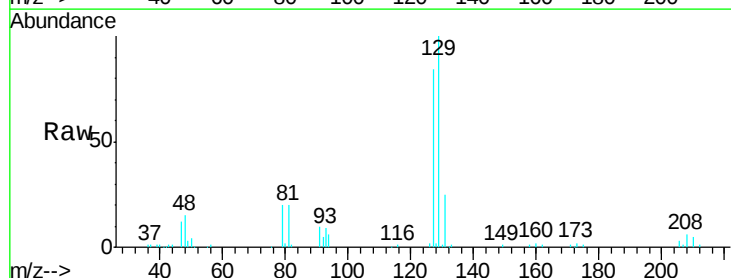
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

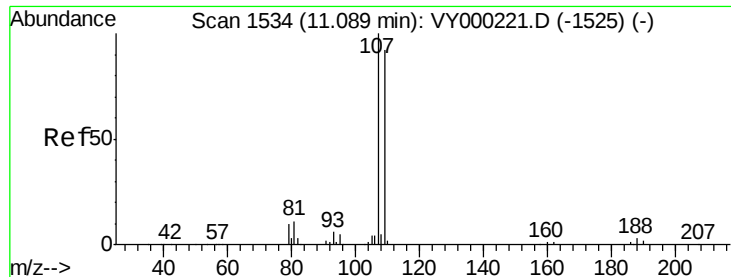
Tgt Ion: 43 Resp: 542477
Ion Ratio Lower Upper
43 100
58 55.2 28.2 84.6



#60
Dibromochloromethane
Concen: 16.070 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 129 Resp: 57024
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.2

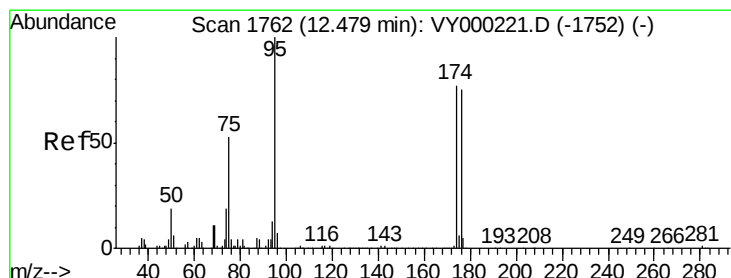
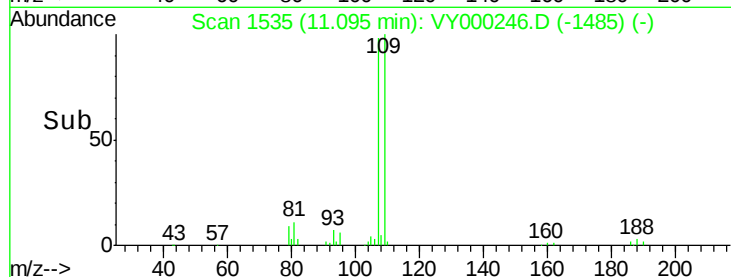
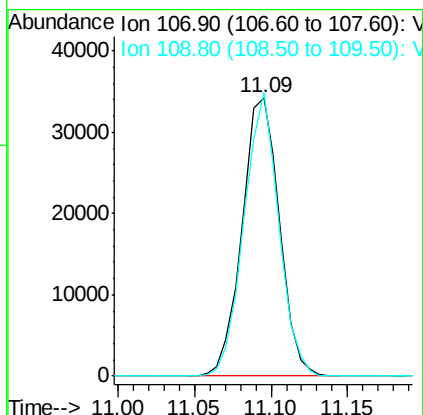
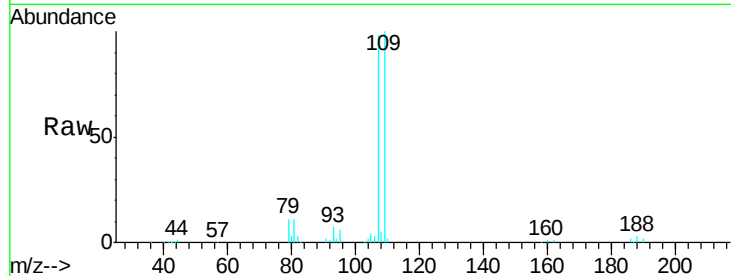




#61
 1,2-Dibromoethane
 Concen: 16.287 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

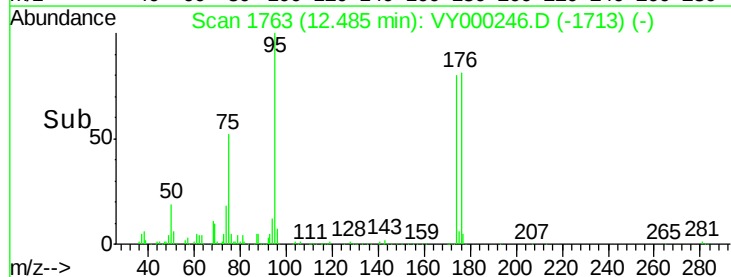
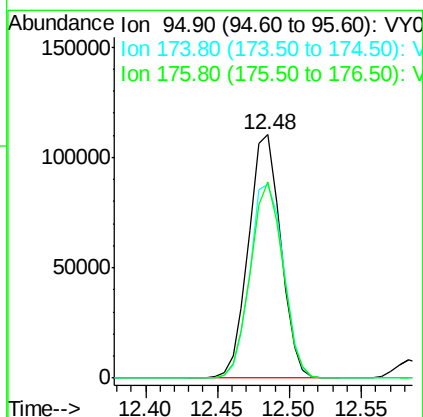
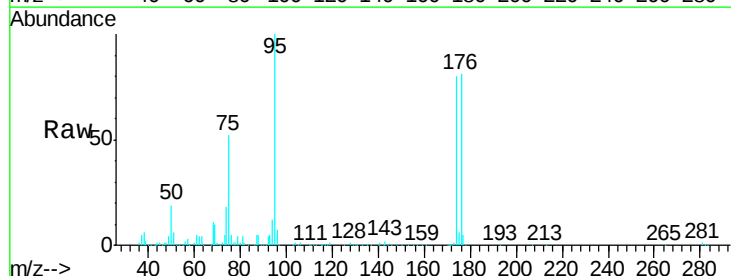
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

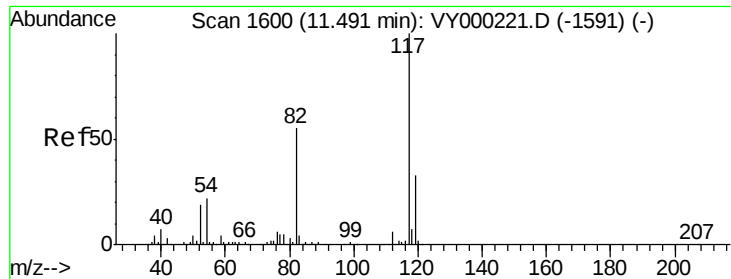
Tgt Ion: 107 Resp: 58064
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.037 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion: 95 Resp: 170982
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 157.0
 176 80.8 0.0 153.0

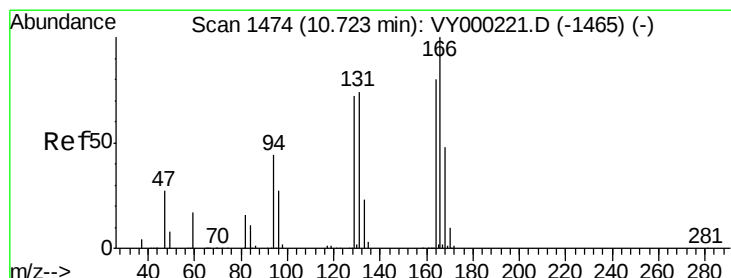
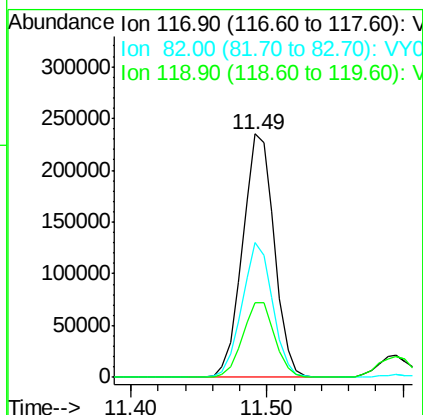
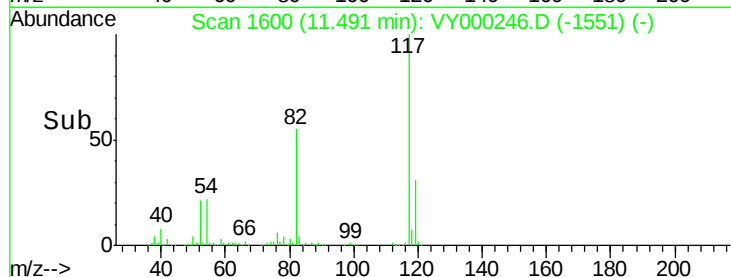
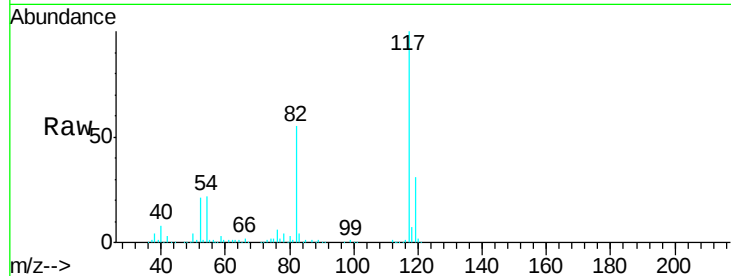




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

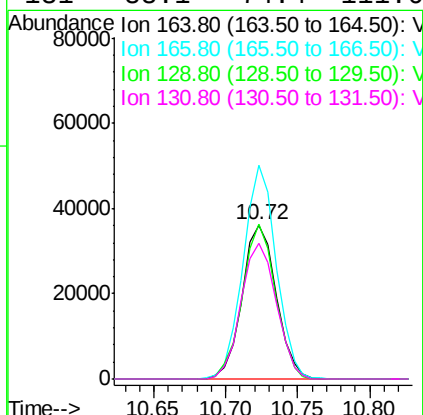
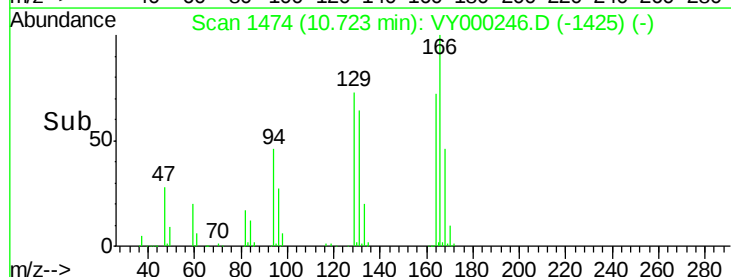
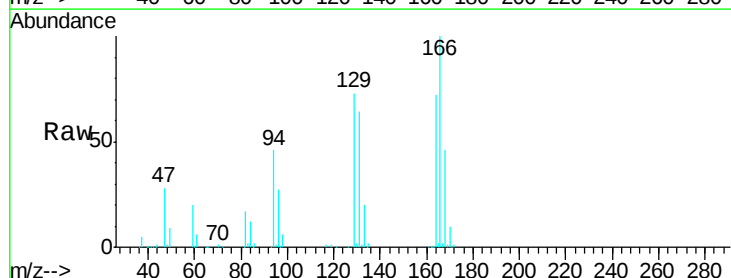
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

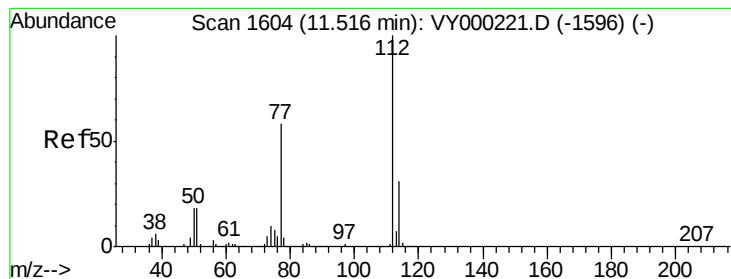
Tgt Ion:117 Resp: 381949
Ion Ratio Lower Upper
117 100
82 55.1 44.4 66.6
119 30.7 26.2 39.2



#64
Tetrachloroethene
Concen: 16.983 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion:164 Resp: 59291
Ion Ratio Lower Upper
164 100
166 138.7 100.3 150.5
129 100.7 72.4 108.6
131 88.1 74.4 111.6





#65

Chlorobenzene

Concen: 15.510 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

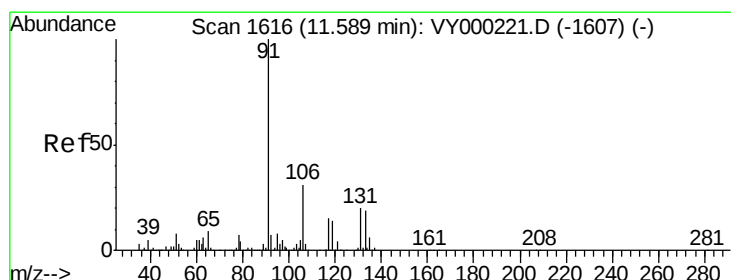
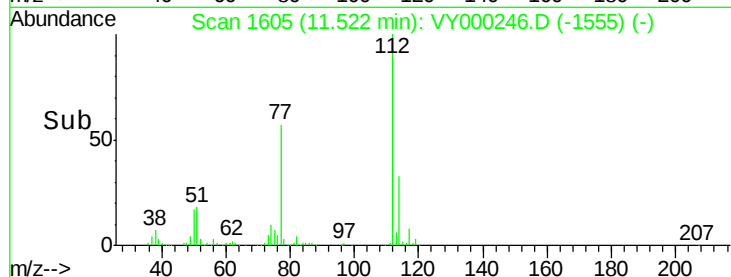
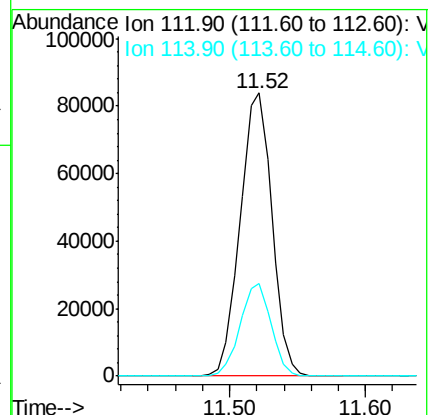
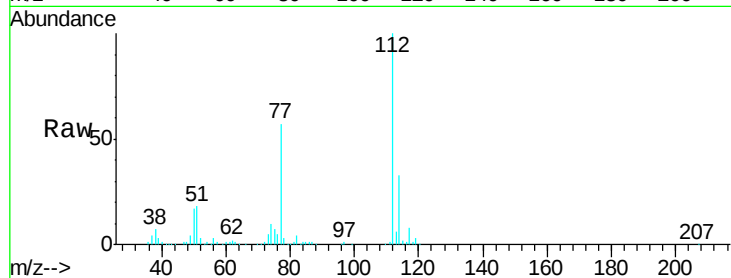
VY1009WBS01

Tgt Ion:112 Resp: 137278

Ion Ratio Lower Upper

112 100

114 32.5 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 16.532 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

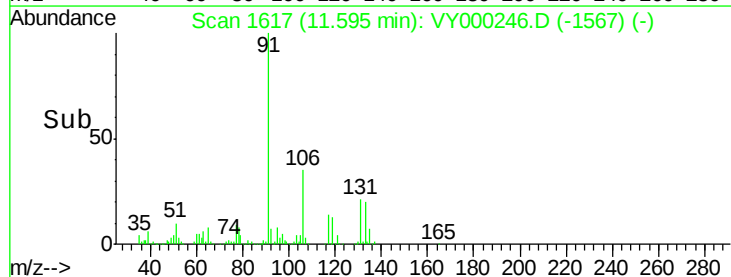
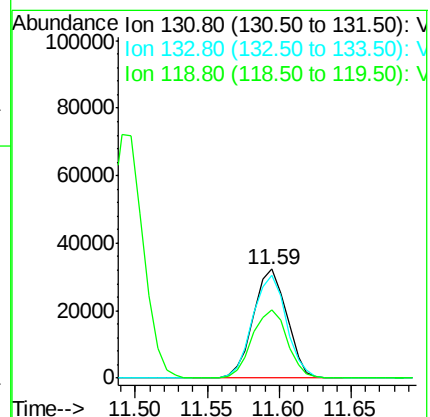
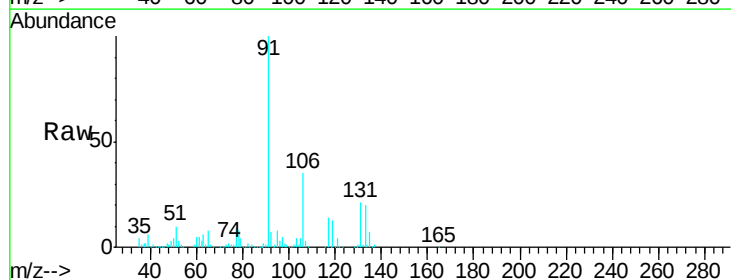
Tgt Ion:131 Resp: 52313

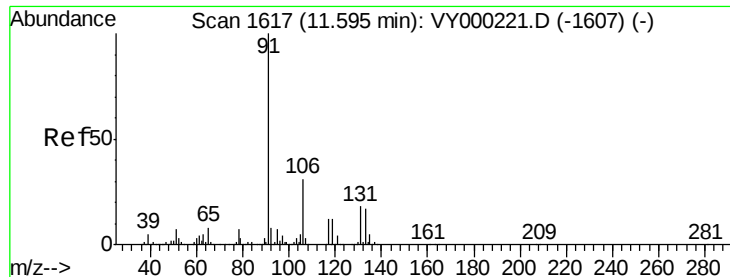
Ion Ratio Lower Upper

131 100

133 94.4 47.0 141.2

119 65.1 33.3 99.8





#67

Ethyl Benzene

Concen: 15.249 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

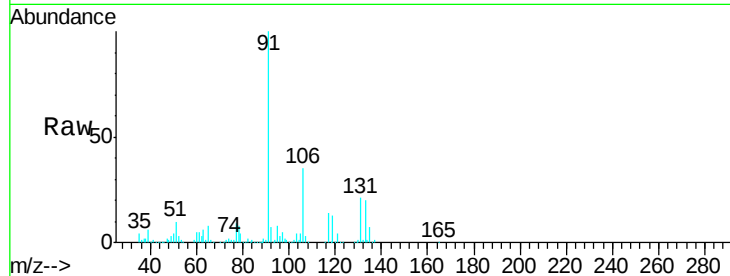
VY1009WBS01

Tgt Ion: 91 Resp: 241272

Ion Ratio Lower Upper

91 100

106 34.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

200000

150000

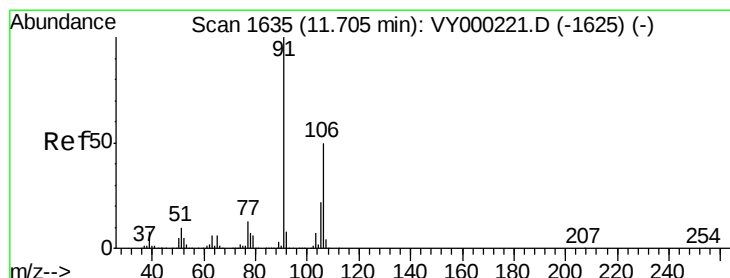
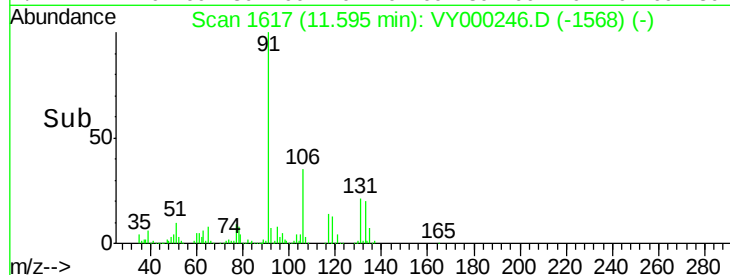
100000

50000

0

11.50 11.55 11.60 11.65

Time-->



#68

m/p-Xylenes

Concen: 31.806 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000246.D

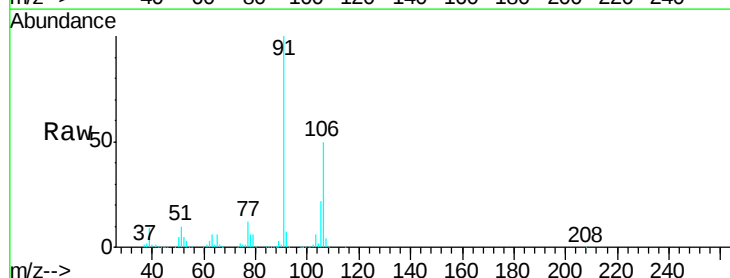
Acq: 09 Oct 2019 16:13

Tgt Ion: 106 Resp: 192024

Ion Ratio Lower Upper

106 100

91 193.6 159.9 239.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

200000

150000

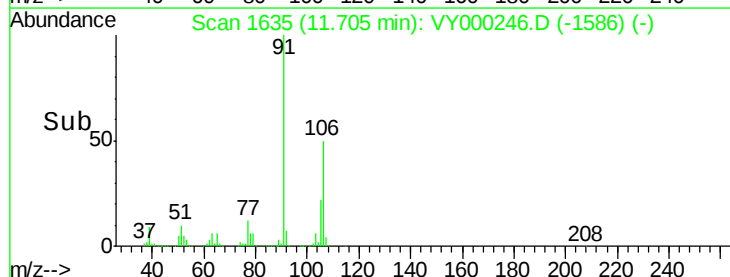
100000

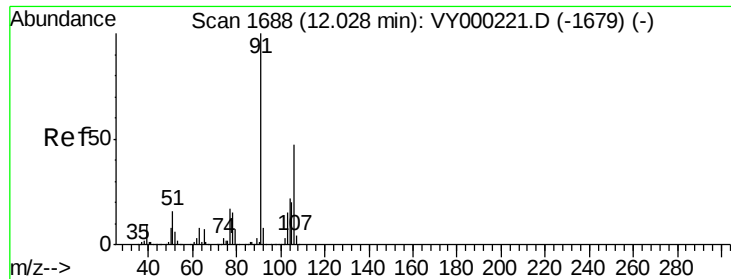
50000

0

11.60 11.70 11.80

Time-->

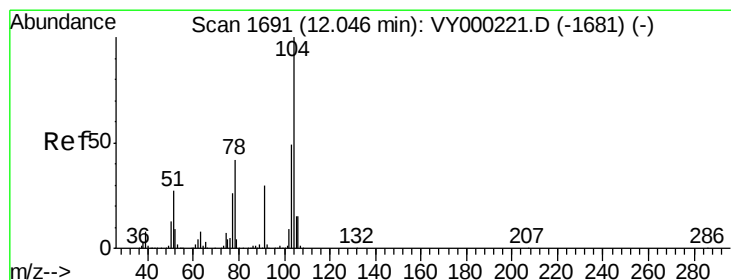
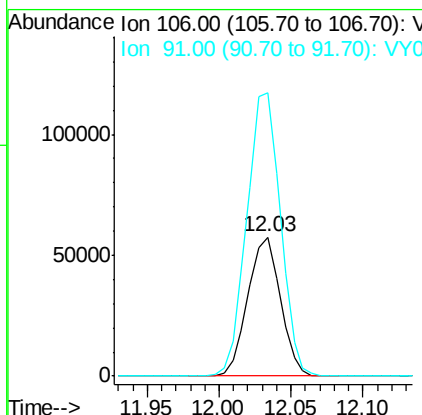
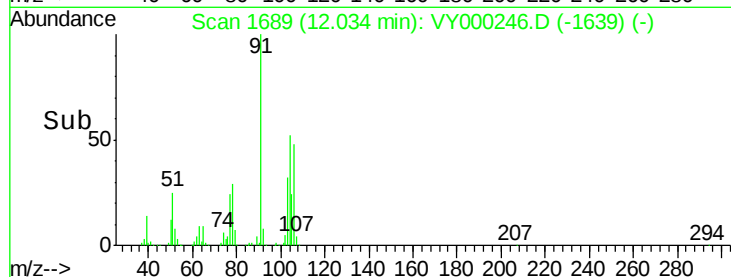
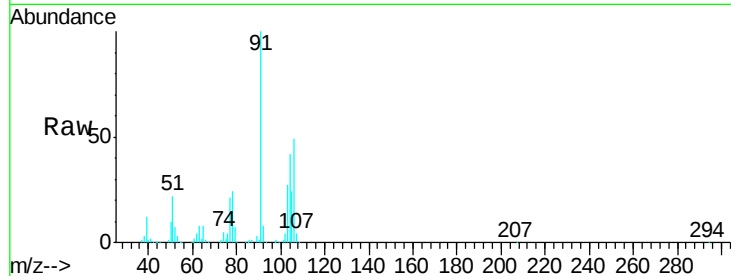




#69
o-Xylene
Concen: 15.543 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

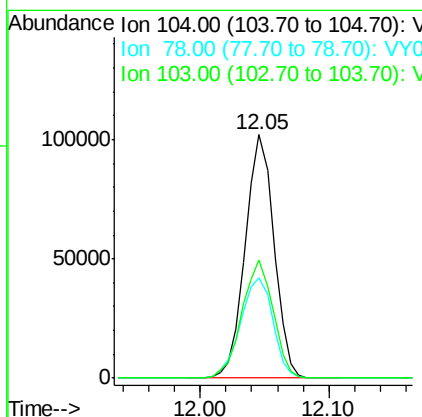
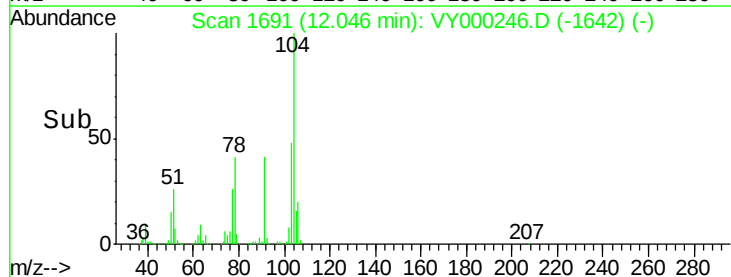
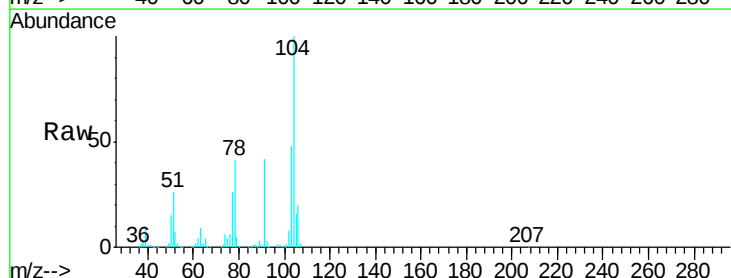
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

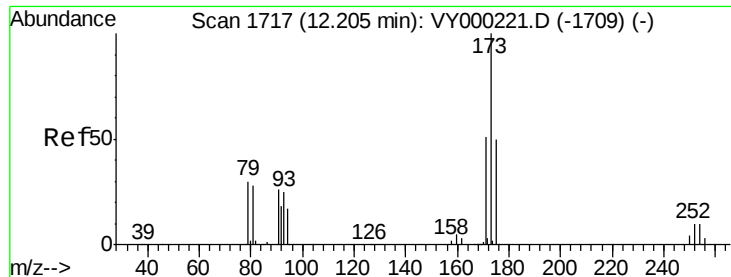
Tgt Ion:106 Resp: 90401
Ion Ratio Lower Upper
106 100
91 209.6 106.1 318.1



#70
Styrene
Concen: 15.745 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion:104 Resp: 157739
Ion Ratio Lower Upper
104 100
78 46.5 39.0 58.4
103 52.3 43.1 64.7

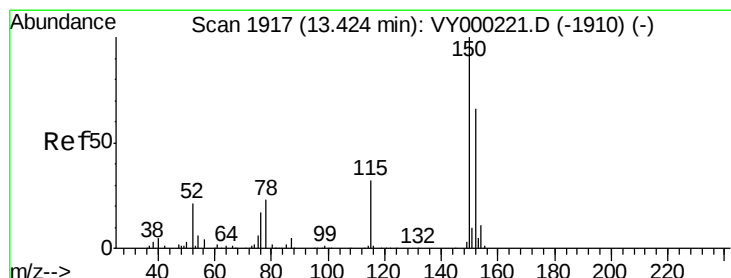
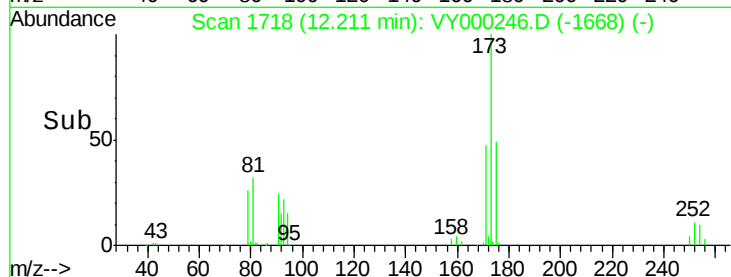
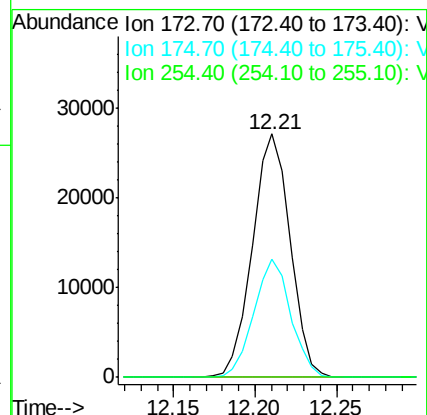
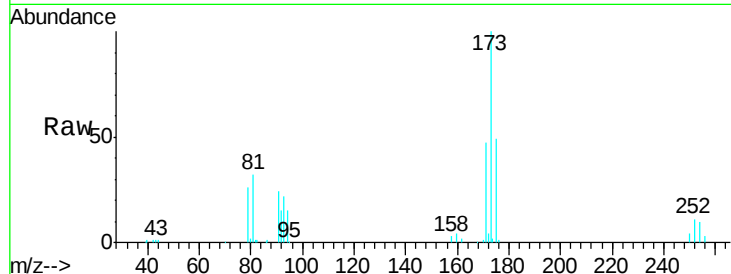




#71
Bromoform
Concen: 16.697 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

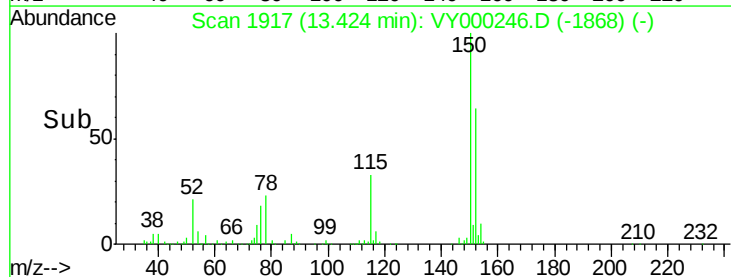
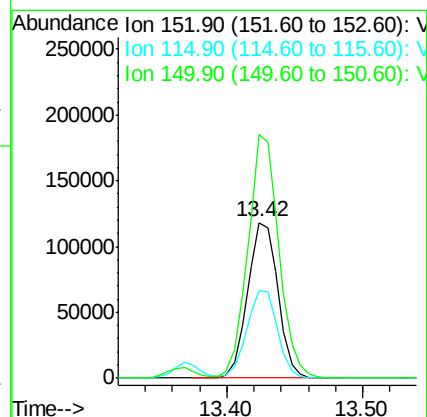
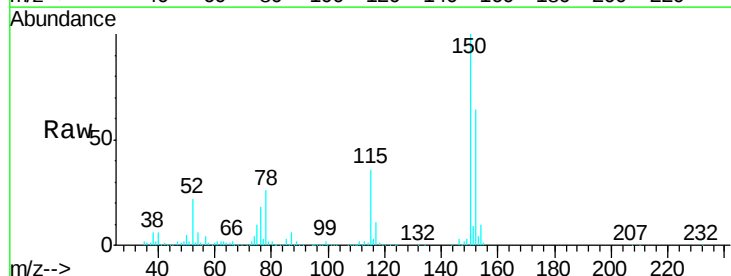
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

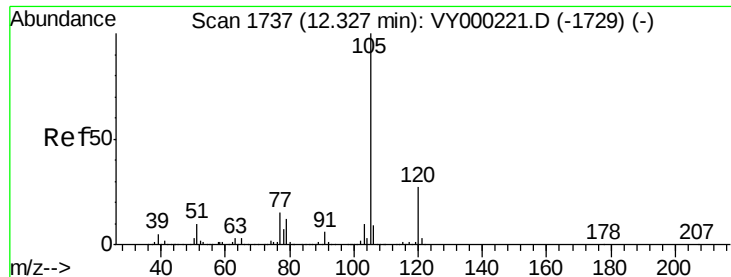
Tgt Ion:173 Resp: 43598
Ion Ratio Lower Upper
173 100
175 47.4 24.8 74.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion:152 Resp: 183772
Ion Ratio Lower Upper
152 100
115 57.1 29.3 88.0
150 160.3 0.0 349.6





#73

Isopropylbenzene

Concen: 15.249 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

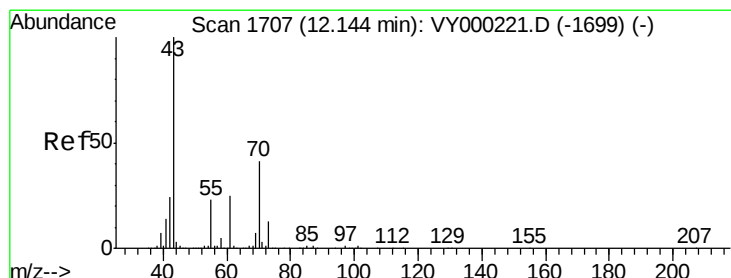
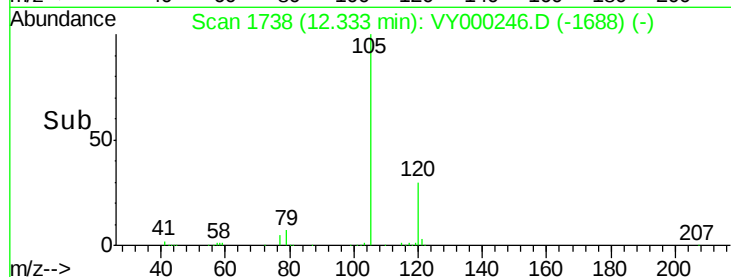
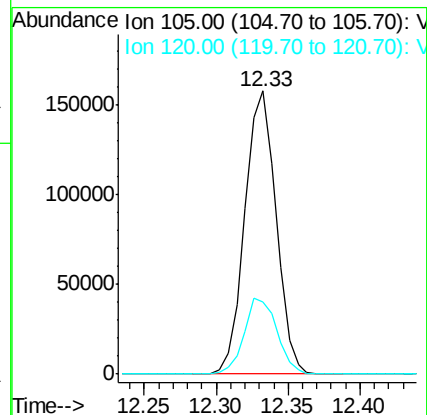
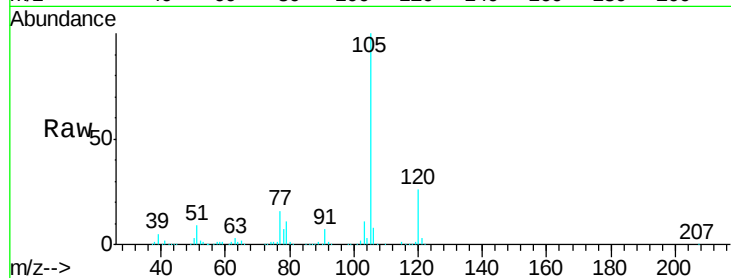
VY1009WBS01

Tgt Ion: 105 Resp: 237459

Ion Ratio Lower Upper

105 100

120 28.1 13.6 40.8



#74

N-ethyl acetate

Concen: 14.005 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Tgt Ion: 43 Resp: 114406

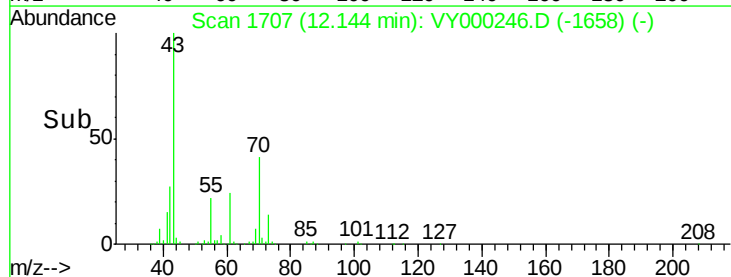
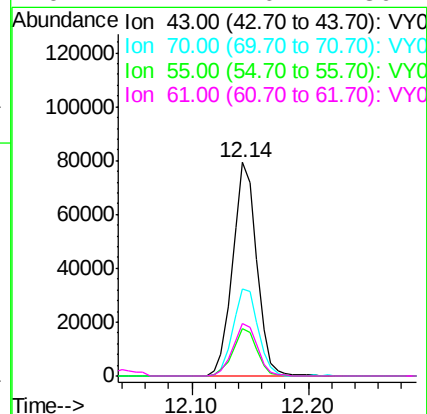
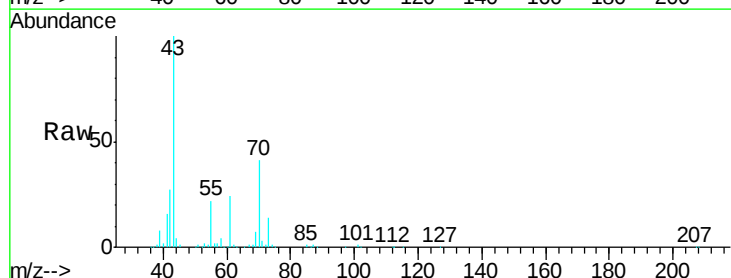
Ion Ratio Lower Upper

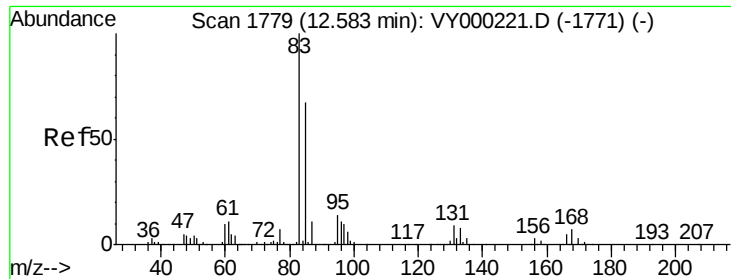
43 100

70 42.2 34.9 52.3

55 22.3 18.2 27.2

61 24.7 20.1 30.1

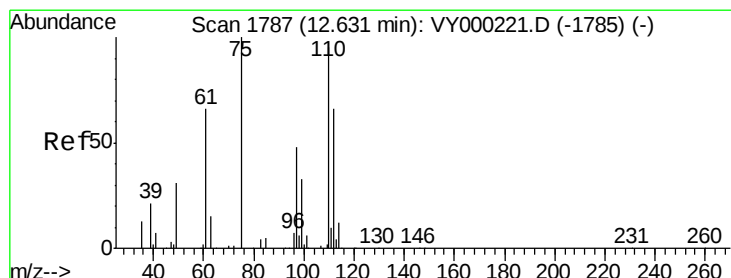
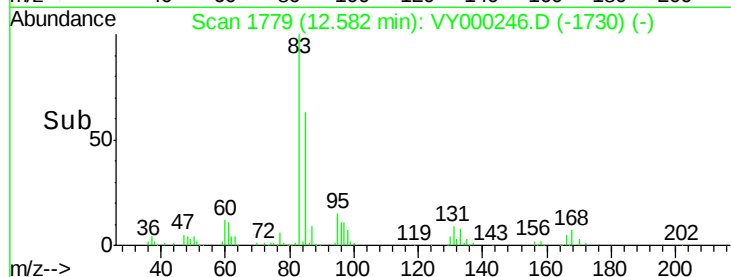
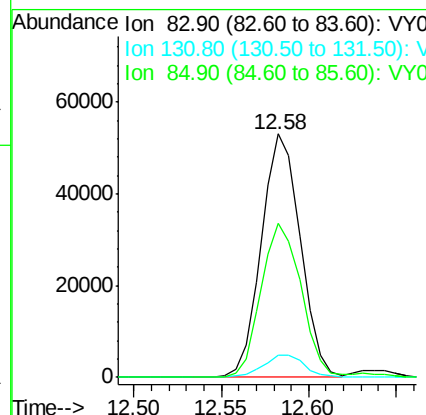
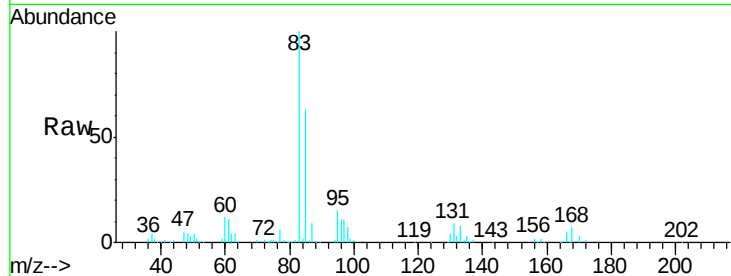




#75
 1,1,2,2-Tetrachloroethane
 Concen: 15.530 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

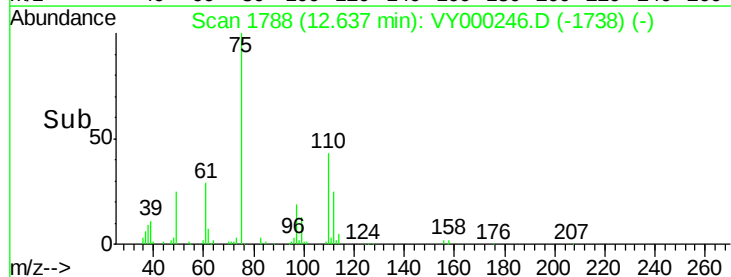
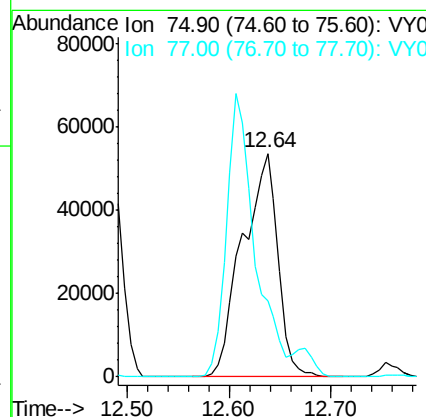
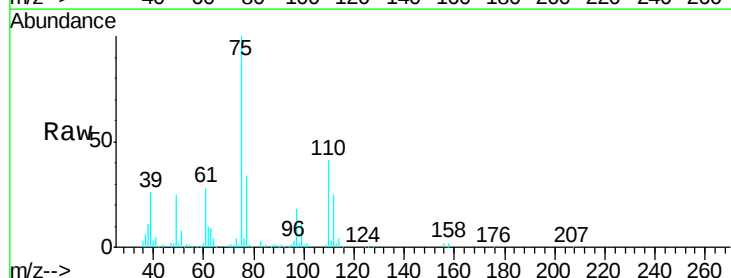
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

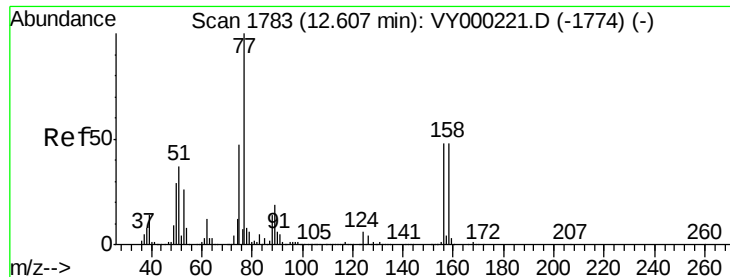
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.3
85	65.0	32.5	97.5



#76
 1,2,3-Trichloropropane
 Concen: 26.677 ug/l
 RT: 12.64 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 16.082 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

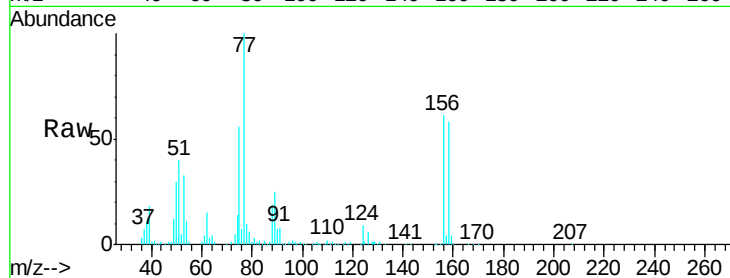
Tgt Ion:156 Resp: 58727

Ion Ratio Lower Upper

156 100

77 225.7 118.1 354.3

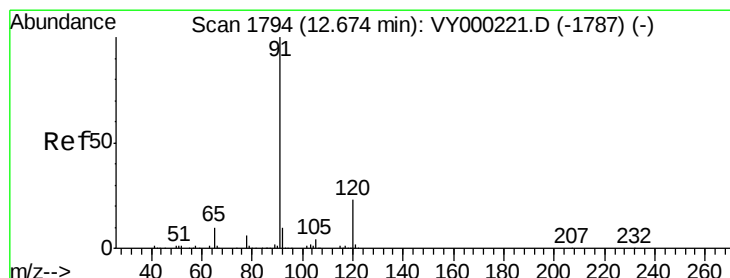
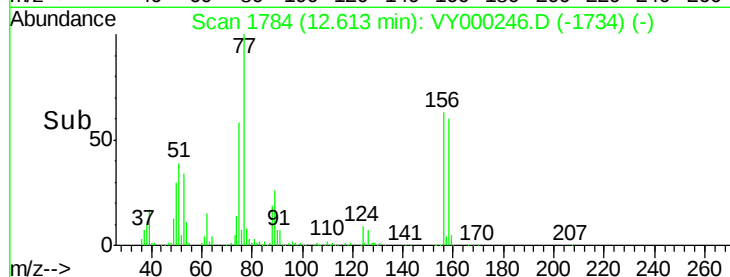
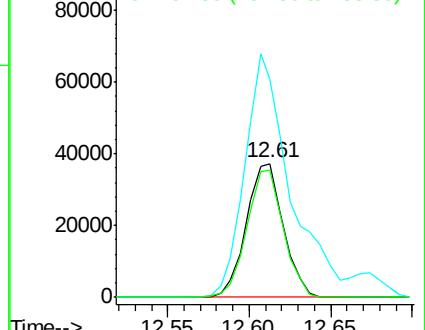
158 94.7 47.8 143.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 15.163 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000246.D

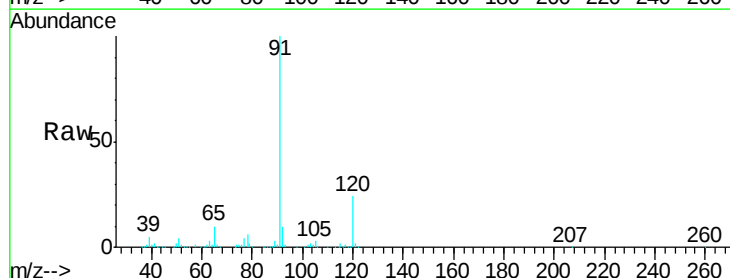
Acq: 09 Oct 2019 16:13

Tgt Ion: 91 Resp: 275809

Ion Ratio Lower Upper

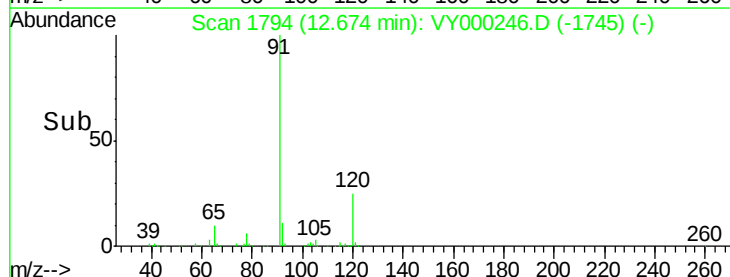
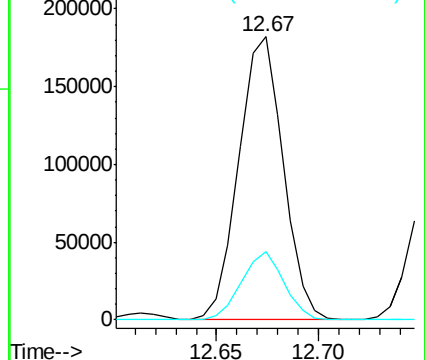
91 100

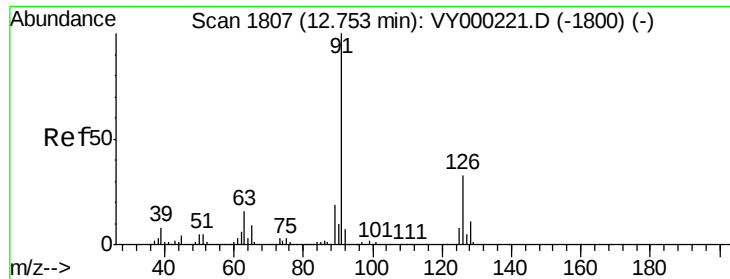
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.322 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampled :

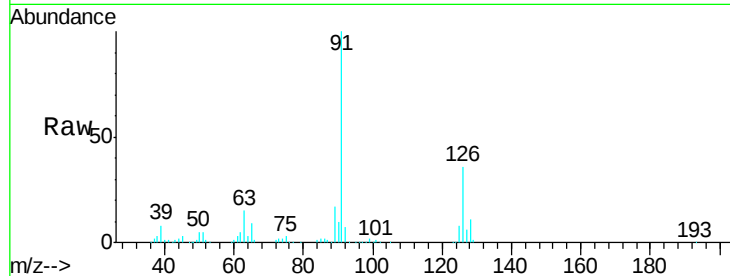
VY1009WBS01

Tgt Ion: 91 Resp: 160464

Ion Ratio Lower Upper

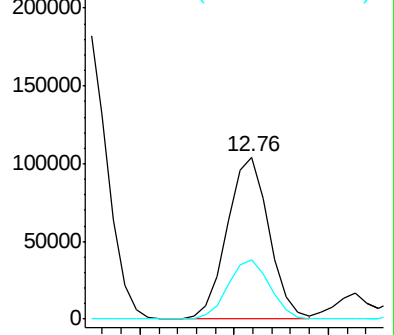
91 100

126 36.3 17.2 51.6

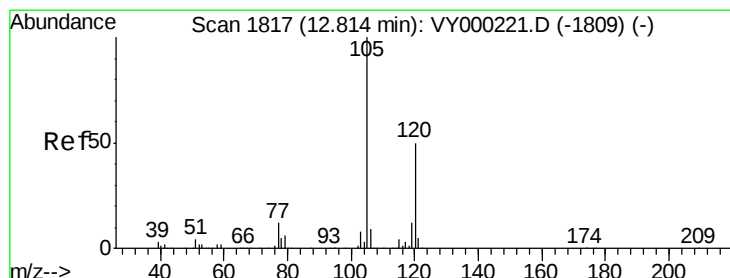
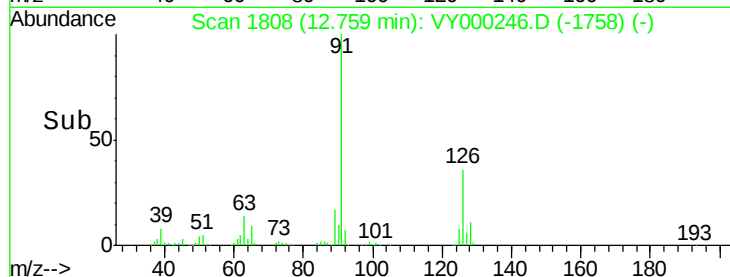


Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 15.845 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000246.D

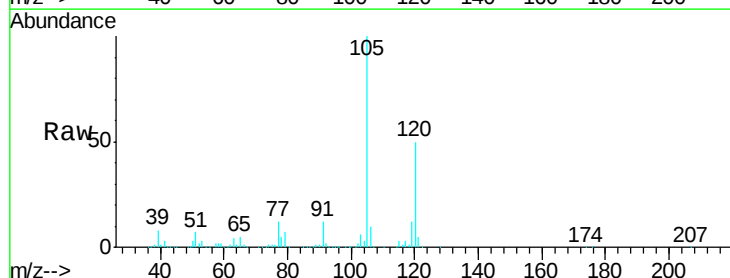
Acq: 09 Oct 2019 16:13

Tgt Ion: 105 Resp: 205885

Ion Ratio Lower Upper

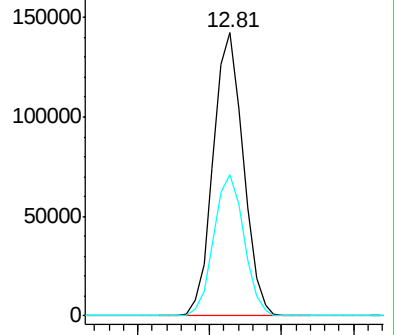
105 100

120 49.9 24.8 74.4

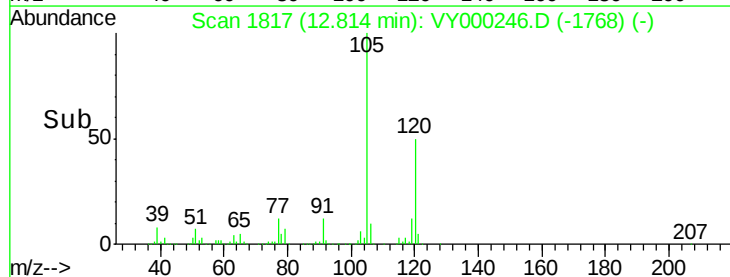


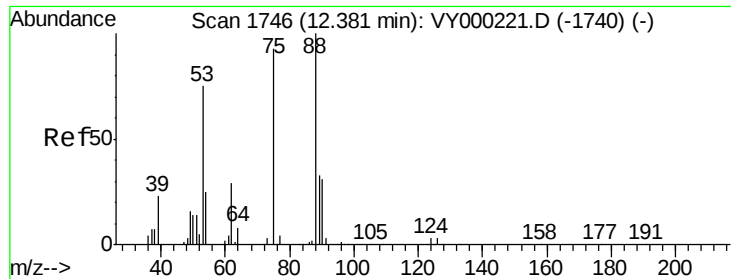
Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 14.603 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

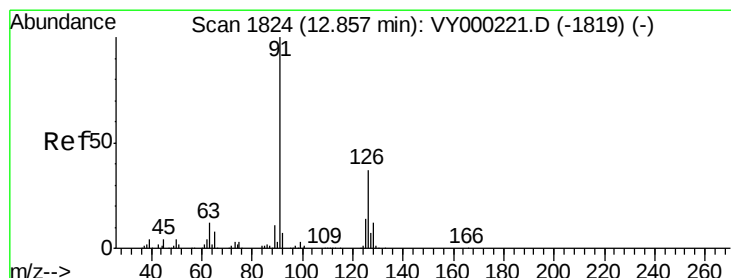
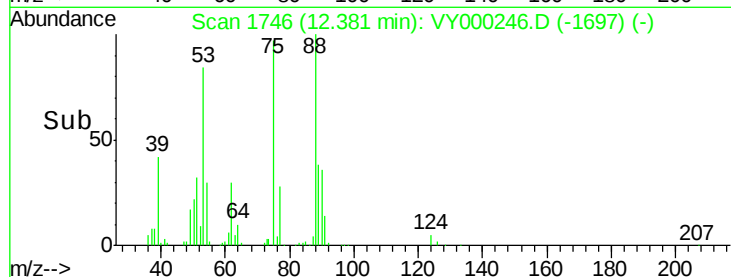
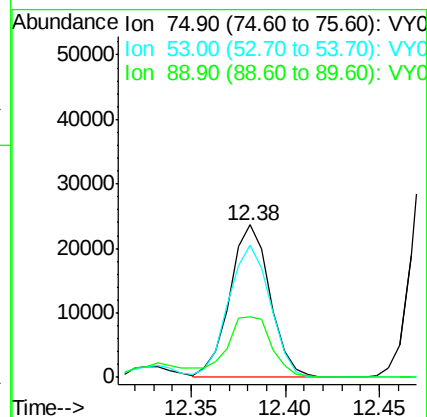
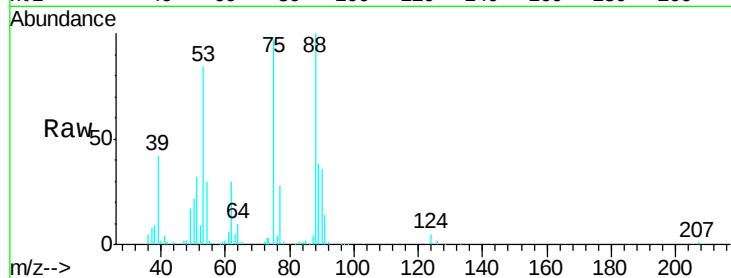
Tgt Ion: 75 Resp: 35025

Ion Ratio Lower Upper

75 100

53 89.8 66.5 99.7

89 44.6 46.9 70.3#



#82

4-Chlorotoluene

Concen: 15.326 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000246.D

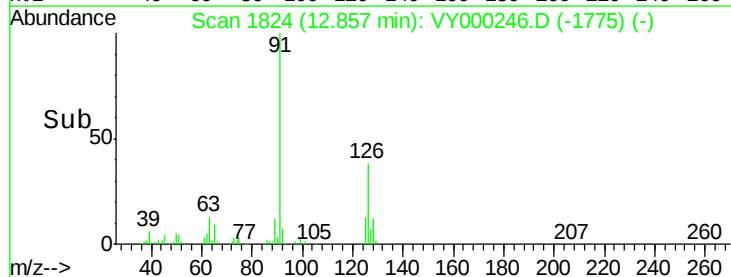
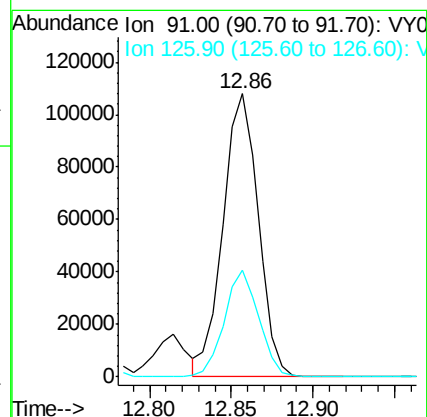
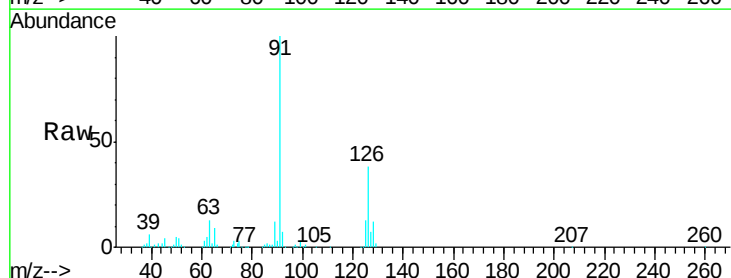
Acq: 09 Oct 2019 16:13

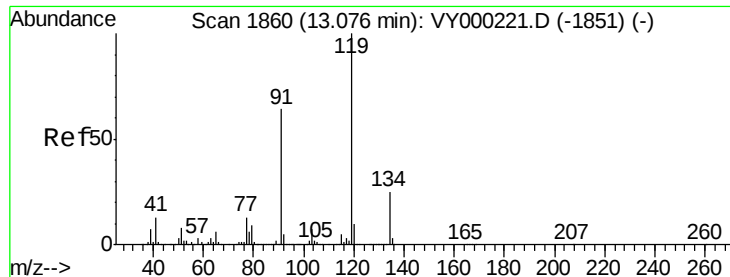
Tgt Ion: 91 Resp: 162562

Ion Ratio Lower Upper

91 100

126 36.8 17.3 52.0

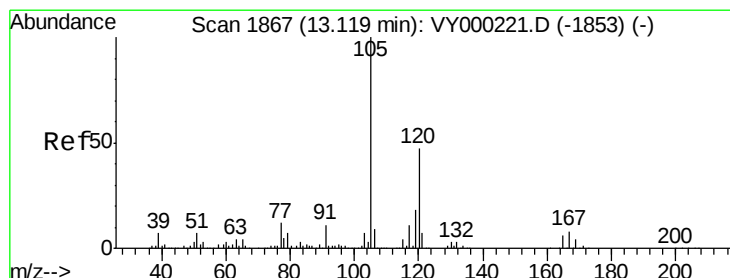
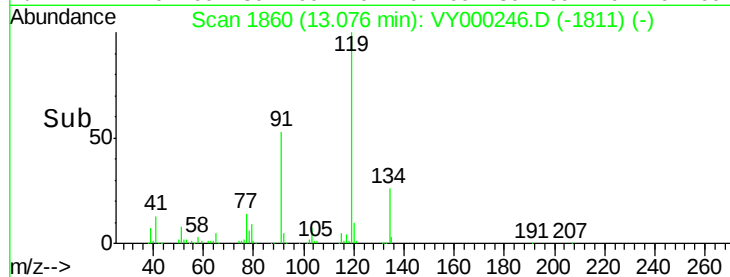
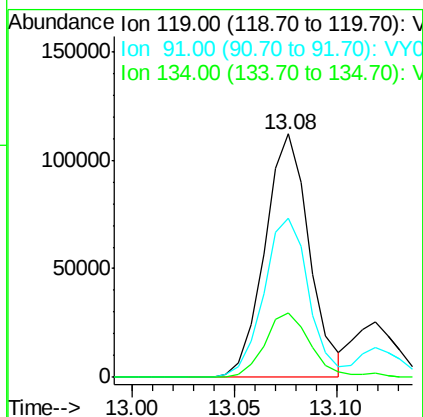
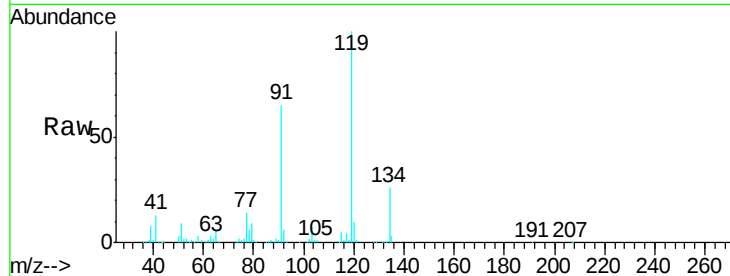




#83
 tert-Butylbenzene
 Concen: 15.061 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

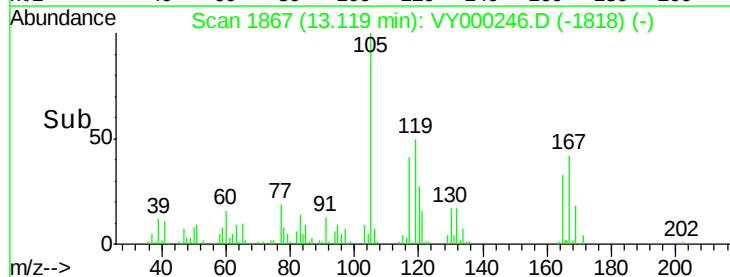
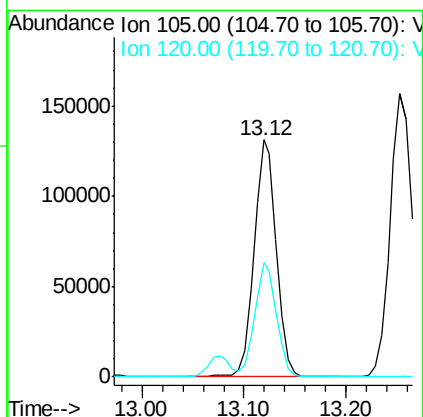
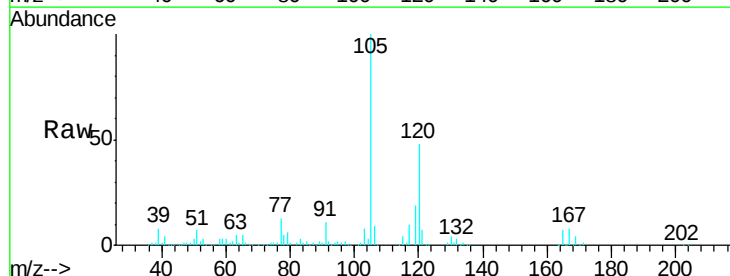
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

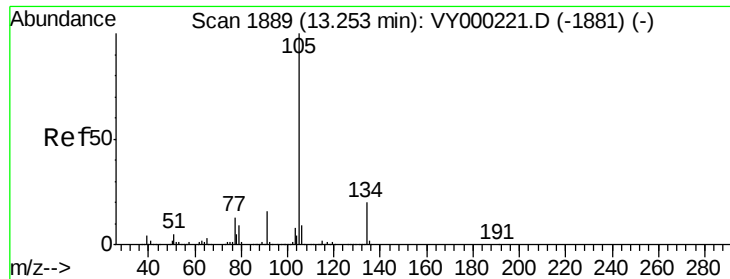
Tgt Ion:119 Resp: 170092
 Ion Ratio Lower Upper
 119 100
 91 65.9 32.4 97.2
 134 28.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 15.365 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion:105 Resp: 199475
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.8 68.3

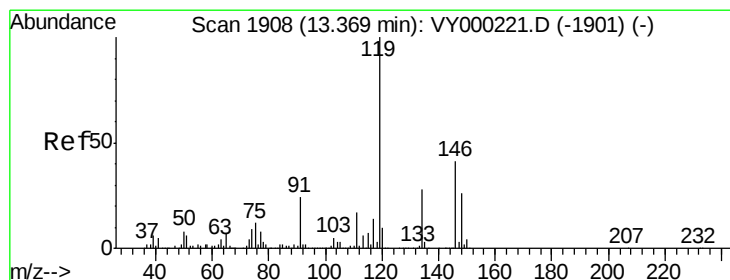
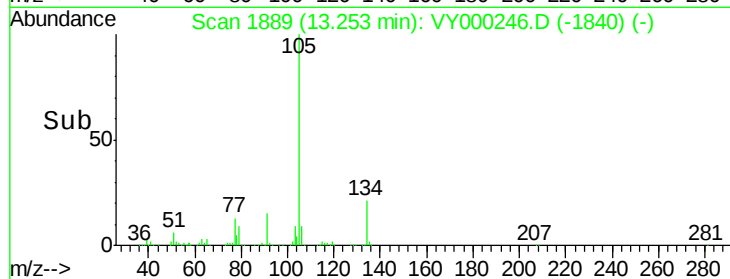
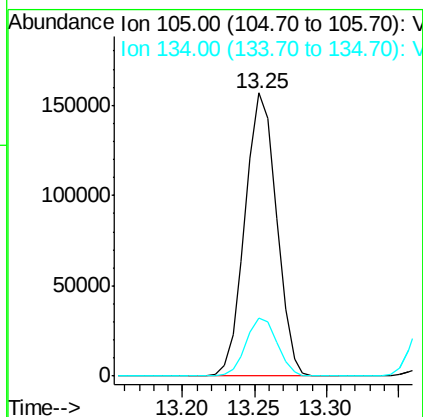
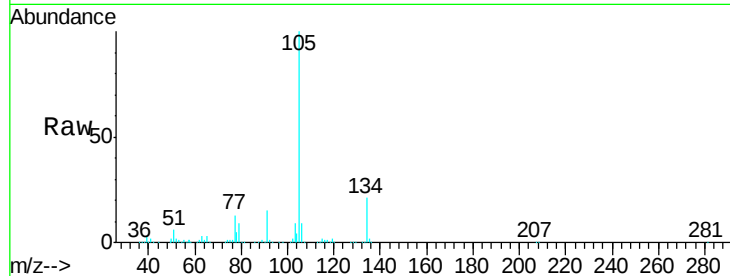




#85
 sec-Butylbenzene
 Concen: 15.306 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

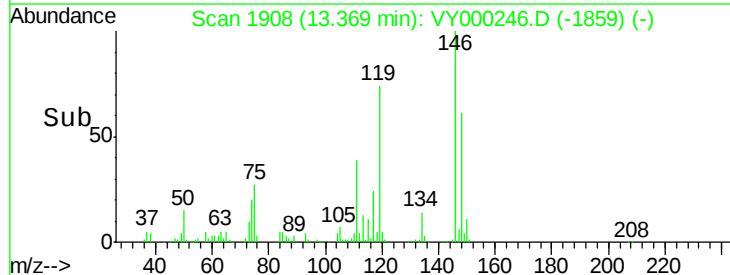
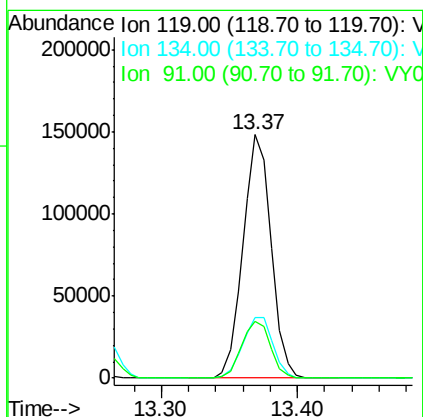
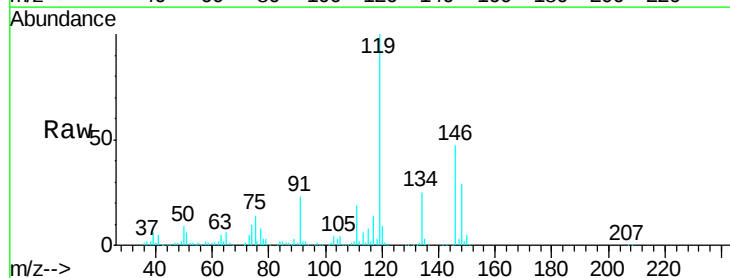
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

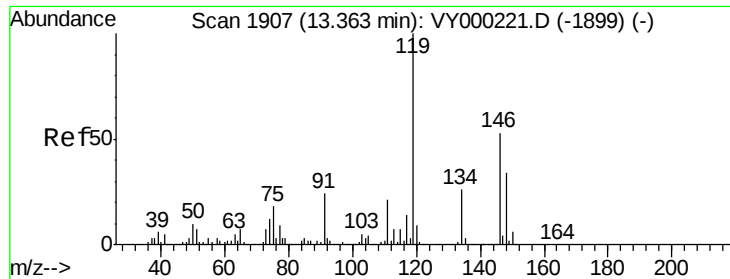
Tgt Ion:105 Resp: 238260
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 15.602 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion:119 Resp: 213582
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 23.7 11.7 35.1

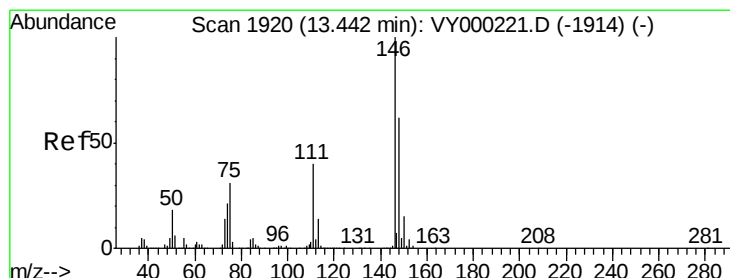
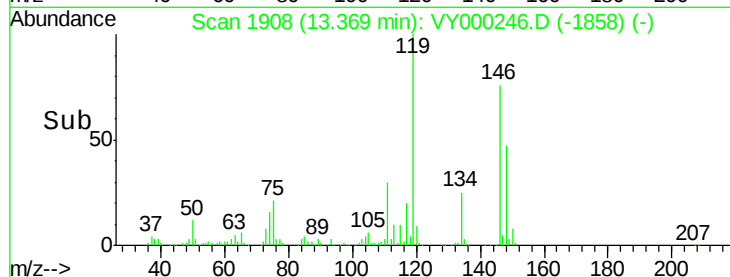
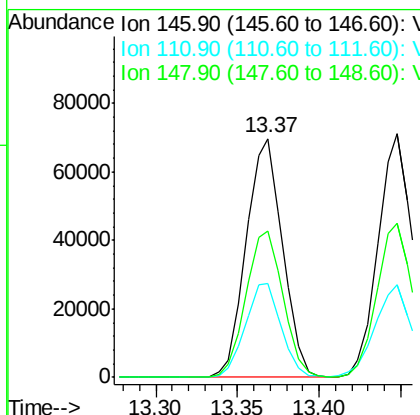
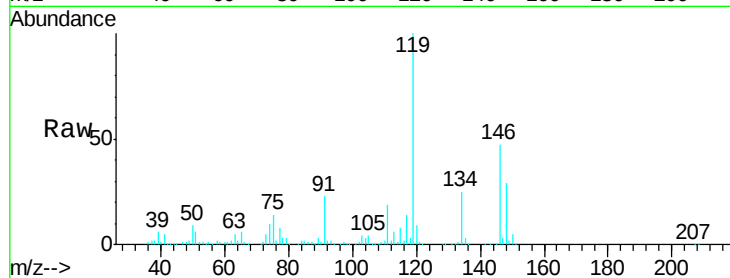




#87
 1,3-Dichlorobenzene
 Concen: 16.340 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

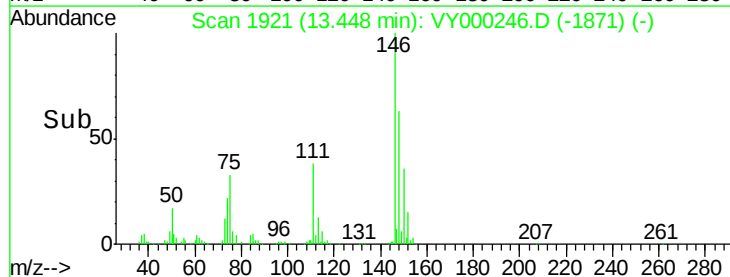
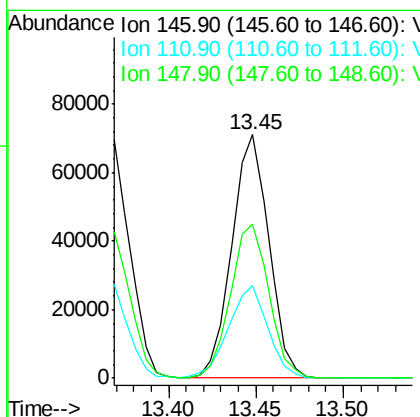
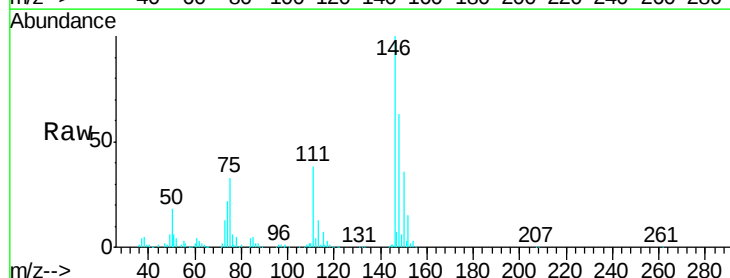
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

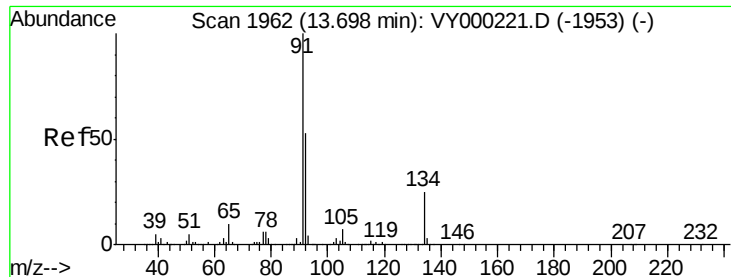
Tgt Ion:146 Resp: 108143
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.3 60.8
 148 62.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 15.210 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion:146 Resp: 104859
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.8 59.3
 148 65.6 31.6 94.8

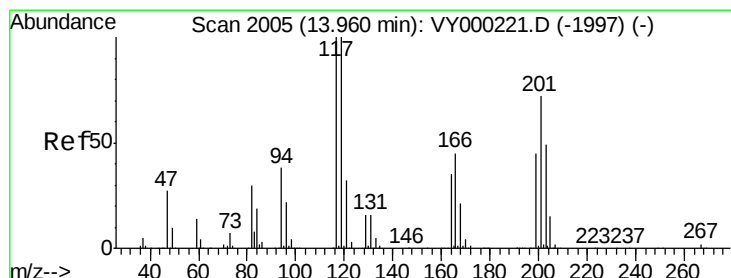
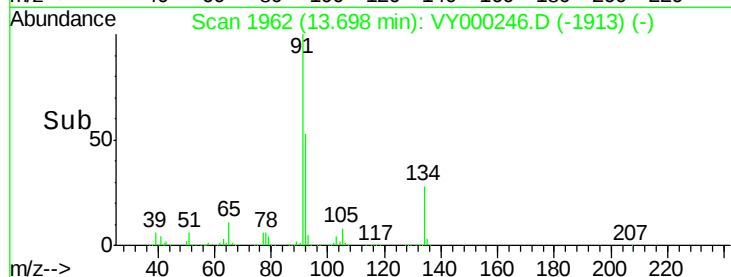
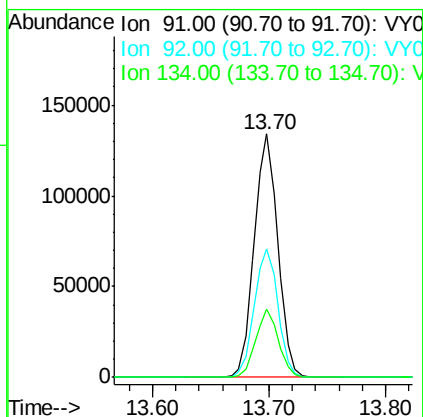
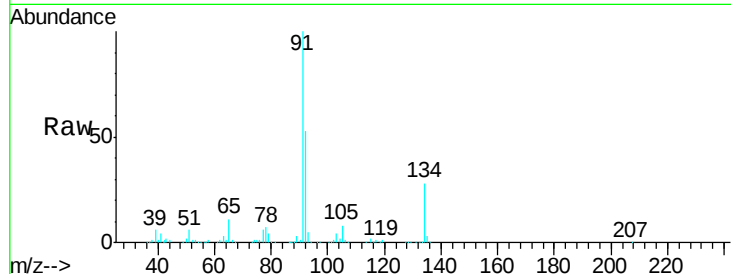




#89
n-Butylbenzene
Concen: 14.696 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

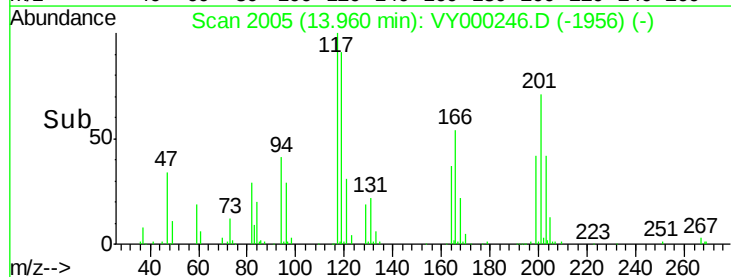
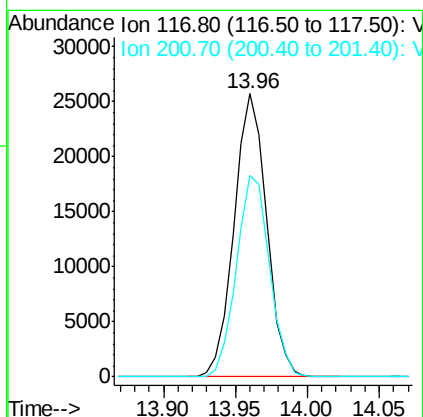
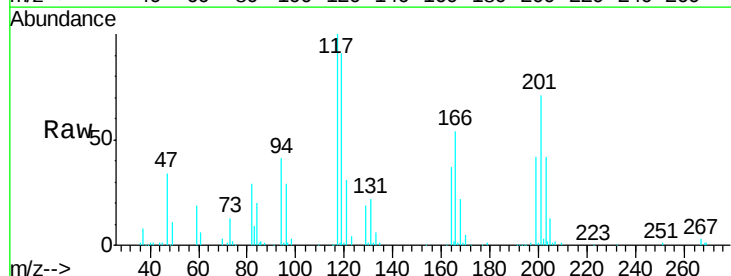
Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

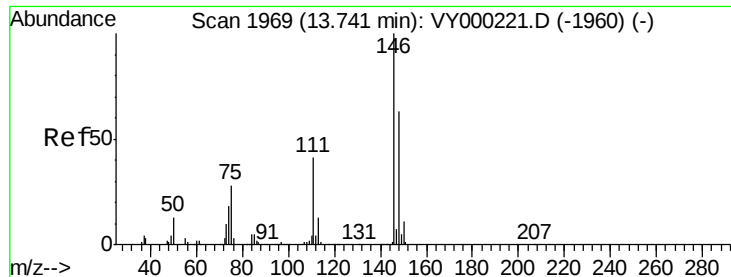
Tgt Ion: 91 Resp: 189602
Ion Ratio Lower Upper
91 100
92 53.1 27.0 80.8
134 26.9 12.8 38.4



#90
Hexachloroethane
Concen: 15.643 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion: 117 Resp: 40506
Ion Ratio Lower Upper
117 100
201 72.1 35.5 106.5





#91

1,2-Dichlorobenzene

Concen: 15.622 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1009WBS01

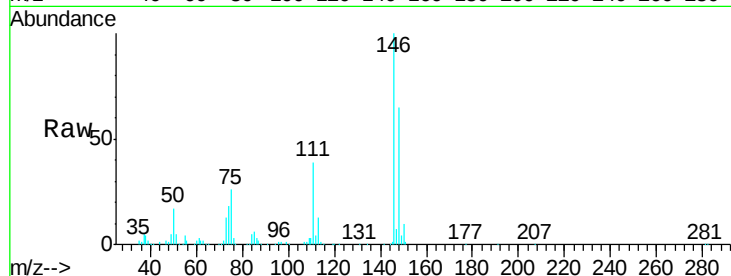
Tgt Ion:146 Resp: 104646

Ion Ratio Lower Upper

146 100

111 39.8 20.9 62.8

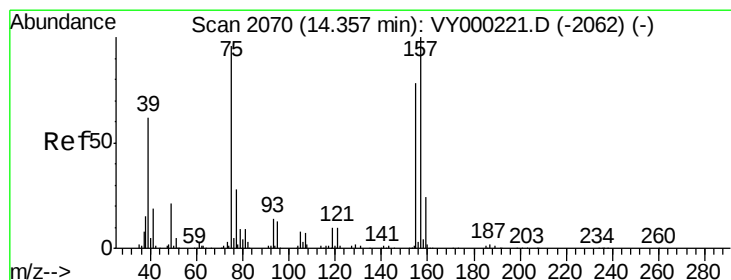
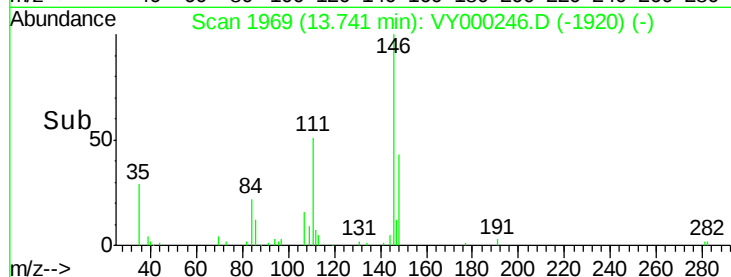
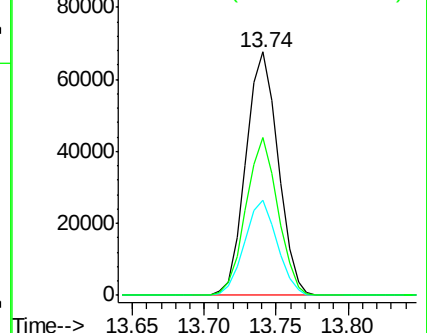
148 64.7 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.027 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000246.D

Acq: 09 Oct 2019 16:13

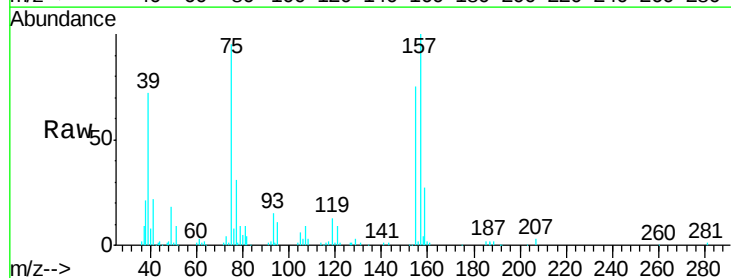
Tgt Ion: 75 Resp: 28851

Ion Ratio Lower Upper

75 100

155 82.6 42.4 127.3

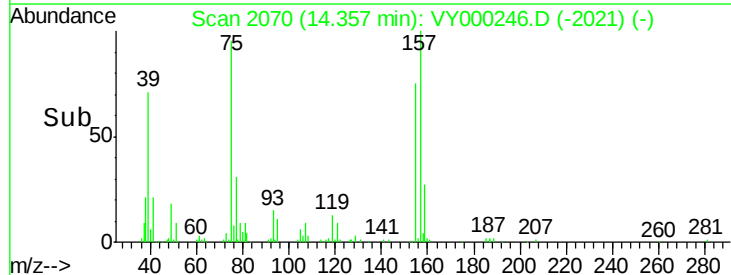
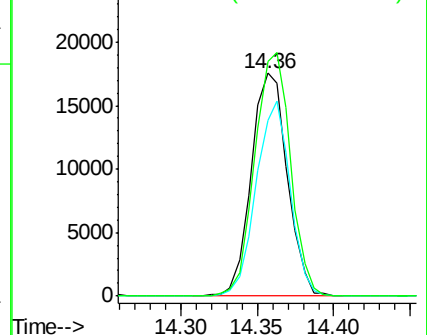
157 108.2 53.8 161.5

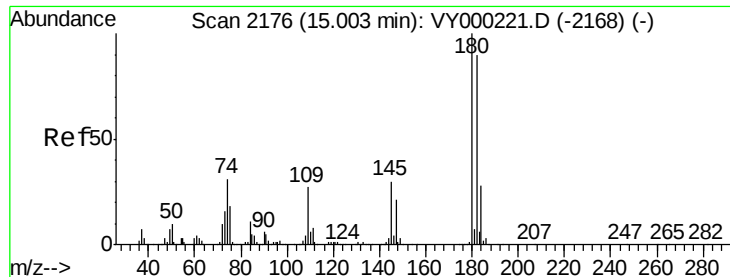


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

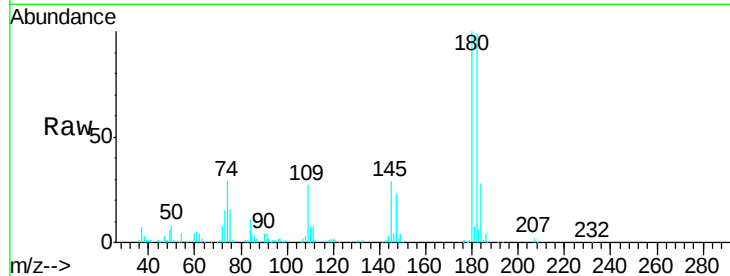




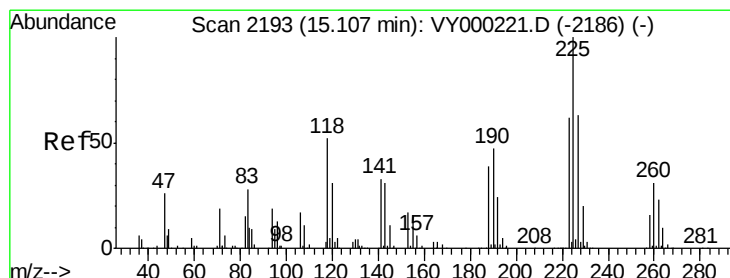
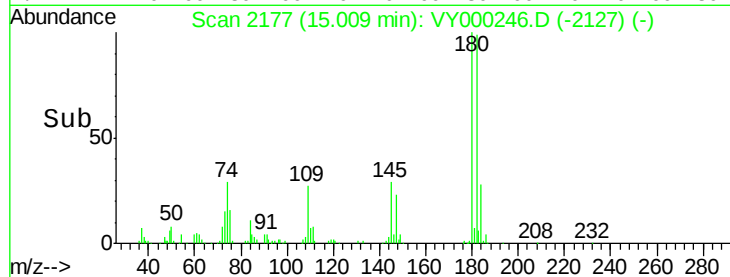
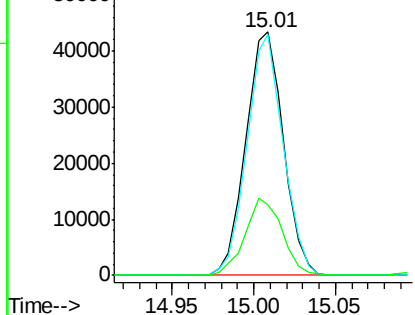
#93
 1,2,4-Trichlorobenzene
 Concen: 15.260 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBS01

Tgt Ion:180 Resp: 69408
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.2 141.6
 145 31.4 15.3 45.8

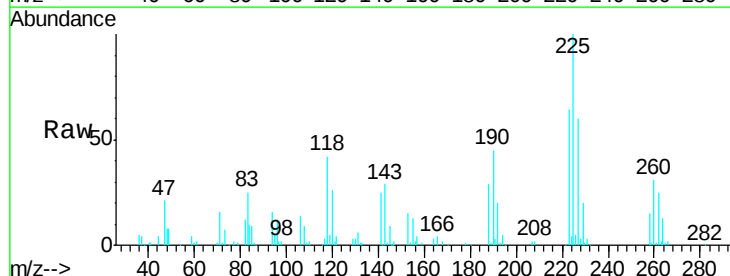


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

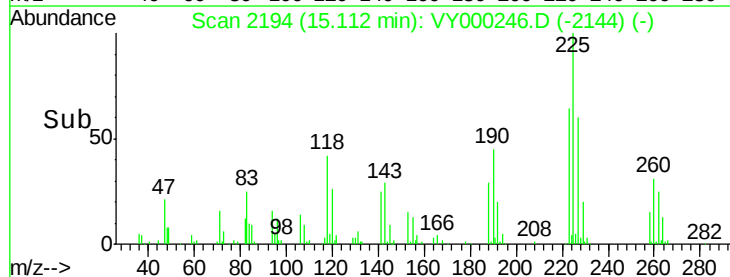
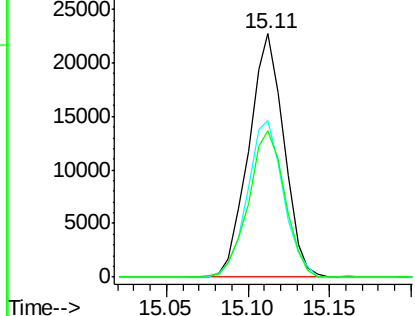


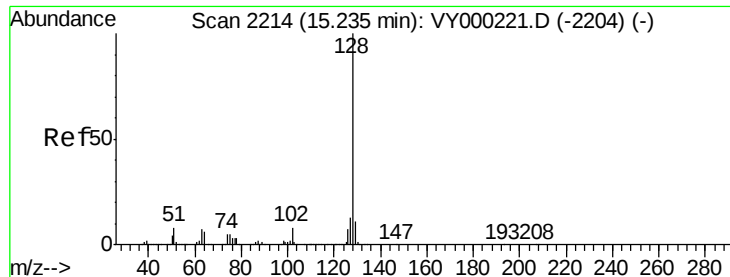
#94
 Hexachlorobutadiene
 Concen: 15.689 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000246.D
 Acq: 09 Oct 2019 16:13

Tgt Ion:225 Resp: 34100
 Ion Ratio Lower Upper
 225 100
 223 66.2 31.9 95.5
 227 62.4 31.5 94.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

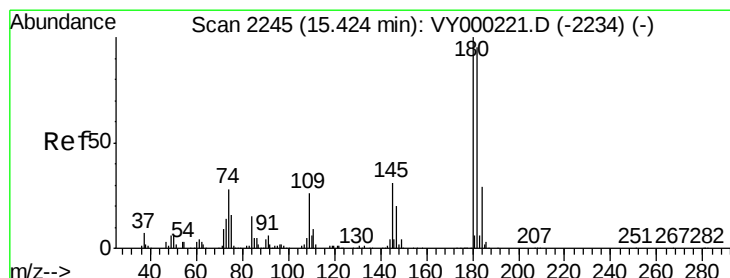
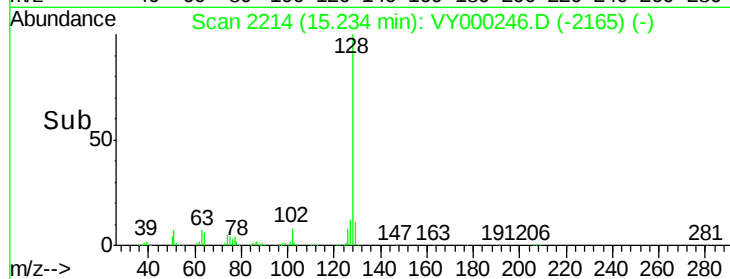
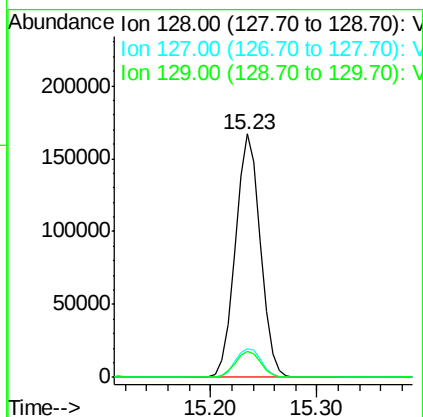
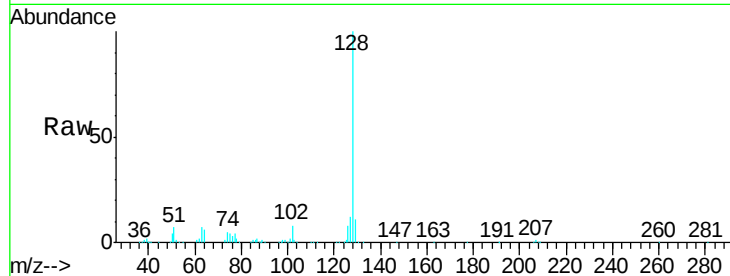




#95
Naphthalene
Concen: 16.033 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1009WBS01

Tgt Ion:128 Resp: 274320
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.443 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000246.D
Acq: 09 Oct 2019 16:13

Tgt Ion:180 Resp: 71936
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.7
145 32.1 16.3 48.9

