

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
 Data File : VY002044.D
 Acq On : 24 Mar 2020 12:50
 Operator : SY/MD
 Sample : VY0324SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Quant Time: Mar 24 15:18:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	154028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	254265	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	120536	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	91884	55.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.76%	
35) Dibromofluoromethane	7.74	113	87308	56.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.19	98	343614	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.49	95	125737	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	27828	19.57	ug/l	95
3) Chloromethane	2.12	50	38840	20.26	ug/l	94
4) Vinyl Chloride	2.26	62	38765	19.88	ug/l	98
5) Bromomethane	2.65	94	25935	19.16	ug/l	94
6) Chloroethane	2.80	64	25589	20.89	ug/l	94
7) Trichlorofluoromethane	3.14	101	56641	21.42	ug/l	99
8) Diethyl Ether	3.54	74	23875	22.91	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36696	21.58	ug/l	98
10) Methyl Iodide	4.11	142	41758	21.23	ug/l	99
11) Tert butyl alcohol	4.98	59	20460	106.62	ug/l	98
12) 1,1-Dichloroethene	3.89	96	37105	21.67	ug/l	99
13) Acrolein	3.76	56	18679	80.84	ug/l	98
14) Allyl chloride	4.50	41	68391	22.53	ug/l	99
15) Acrylonitrile	5.19	53	66856	120.05	ug/l	98
16) Acetone	3.96	43	55043	114.93	ug/l	98
17) Carbon Disulfide	4.21	76	111179	19.31	ug/l	100
18) Methyl Acetate	4.49	43	29907	24.30	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	109374	23.57	ug/l	99
20) Methylene Chloride	4.74	84	47986	23.38	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	42077	21.65	ug/l	93
22) Diisopropyl ether	6.14	45	142696	22.93	ug/l	97
23) Vinyl Acetate	6.08	43	470501	115.33	ug/l	99
24) 1,1-Dichloroethane	6.04	63	75619	22.44	ug/l	98
25) 2-Butanone	7.01	43	86600	118.90	ug/l	98
26) 2,2-Dichloropropane	7.00	77	61513	22.24	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	47900	22.65	ug/l	100
28) Bromochloromethane	7.35	49	34318	22.59	ug/l	100
29) Tetrahydrofuran	7.37	42	56721	117.28	ug/l	100
30) Chloroform	7.53	83	72476	22.89	ug/l	100
31) Cyclohexane	7.80	56	74771	20.69	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	60652	22.73	ug/l	98
36) 1,1-Dichloropropene	7.94	75	59029	21.81	ug/l	98
37) Ethyl Acetate	7.10	43	37981	24.14	ug/l	98
38) Carbon Tetrachloride	7.92	117	50800	21.97	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74967	20.88	ug/l	99
40) Benzene	8.18	78	175155	21.83	ug/l	100
41) Methacrylonitrile	7.36	41	50585	71.45	ug/l #	22
42) 1,2-Dichloroethane	8.25	62	47779	23.11	ug/l	99
43) Isopropyl Acetate	8.28	43	70779	23.76	ug/l	98
44) Trichloroethene	8.95	130	42318	21.66	ug/l	98
45) 1,2-Dichloropropane	9.23	63	45602	22.61	ug/l	98
46) Dibromomethane	9.32	93	23912	23.01	ug/l	99
47) Bromodichloromethane	9.50	83	56034	23.18	ug/l	97
48) Methyl methacrylate	9.30	41	30514	23.09	ug/l	94
49) 1,4-Dioxane	9.31	88	6589	462.66	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	182832	119.17	ug/l	100
52) Toluene	10.25	92	107239	22.00	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	61679	23.42	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	71221	22.71	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	34757	22.85	ug/l	97
56) Ethyl methacrylate	10.52	69	51926	23.29	ug/l	96
57) 1,3-Dichloropropane	10.80	76	62088	22.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	131816	157.19	ug/l	99
59) 2-Hexanone	10.84	43	131207	119.82	ug/l	99
60) Dibromochloromethane	10.99	129	37653	23.49	ug/l	99
61) 1,2-Dibromoethane	11.10	107	33448	23.21	ug/l	98
64) Tetrachloroethene	10.72	164	35480	22.25	ug/l	98
65) Chlorobenzene	11.52	112	112032	22.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	37823	22.77	ug/l	98
67) Ethyl Benzene	11.60	91	207090	21.92	ug/l	100
68) m/p-Xylenes	11.71	106	155106	44.40	ug/l	100
69) o-Xylene	12.03	106	72235	21.94	ug/l	100
70) Styrene	12.05	104	128371	22.76	ug/l	99
71) Bromoform	12.21	173	21160	23.48	ug/l #	98
73) Isopropylbenzene	12.33	105	196666	21.37	ug/l	99
74) N-amyl acetate	12.14	43	63581	22.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	44431	22.39	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	57129	39.94	ug/l #	100
77) Bromobenzene	12.61	156	42477	21.79	ug/l	99
78) n-propylbenzene	12.67	91	244885	21.57	ug/l	100
79) 2-Chlorotoluene	12.76	91	135405	21.59	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	163923	21.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16090	22.72	ug/l	97
82) 4-Chlorotoluene	12.86	91	143310	21.95	ug/l	100
83) tert-Butylbenzene	13.08	119	137440	21.84	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	167255	22.25	ug/l	100
85) sec-Butylbenzene	13.25	105	205604	22.17	ug/l	99
86) p-Isopropyltoluene	13.37	119	176676	22.08	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	86141	22.55	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	84028	21.68	ug/l	98
89) n-Butylbenzene	13.70	91	182253	21.96	ug/l	99
90) Hexachloroethane	13.96	117	32380	21.46	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	78076	22.50	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7172	23.16	ug/l	96

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QLast Update : Thu Mar 05 04:05:33 2020
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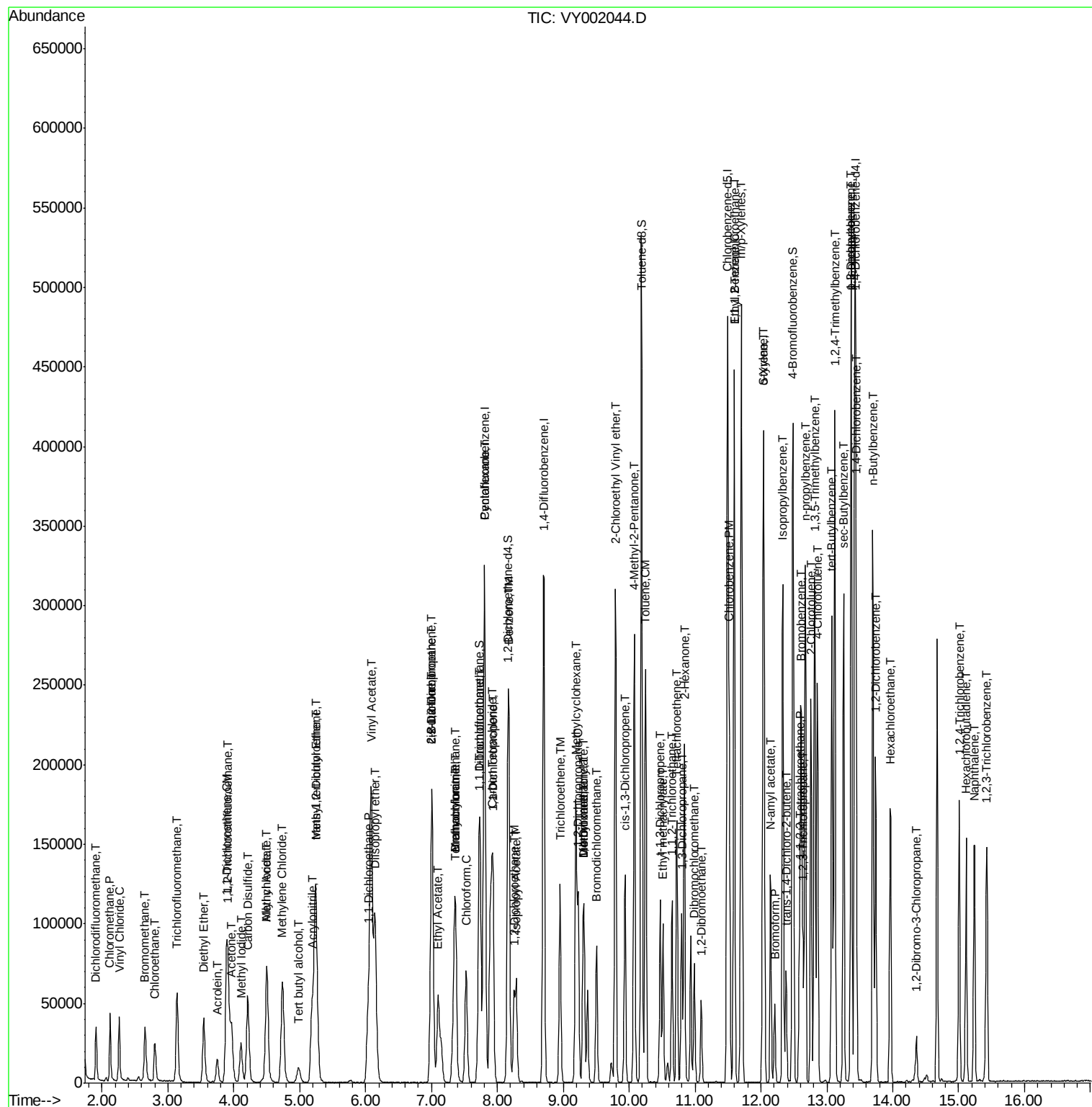
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	50163	22.29	ug/l	97
94) Hexachlorobutadiene	15.11	225	24895	22.69	ug/l	99
95) Naphthalene	15.24	128	119182	22.32	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	45179	22.79	ug/l	100

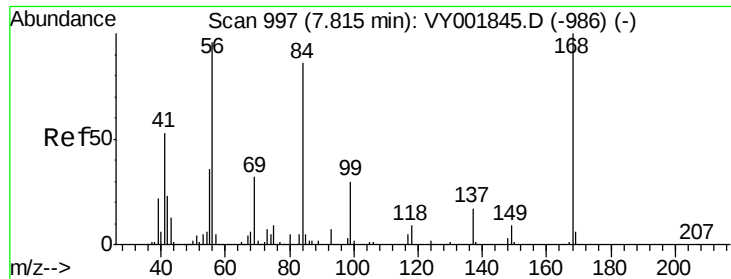
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 24 15:18:30 2020
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QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

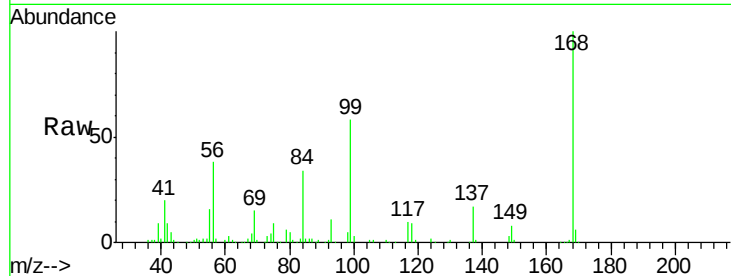
VY0324SBS01

Tgt Ion:168 Resp: 154028

Ion Ratio Lower Upper

168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

60000

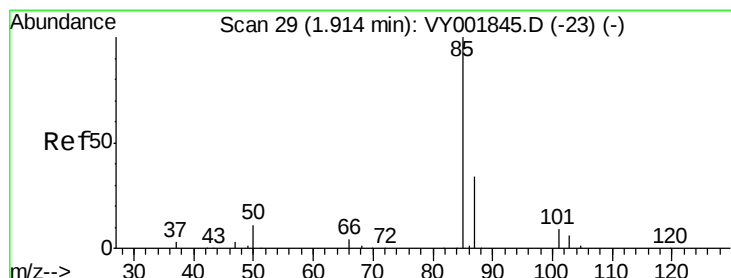
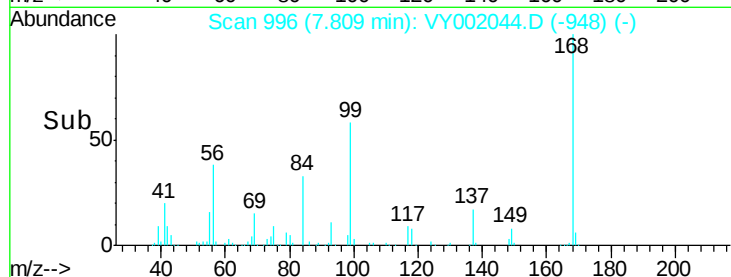
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.57 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002044.D

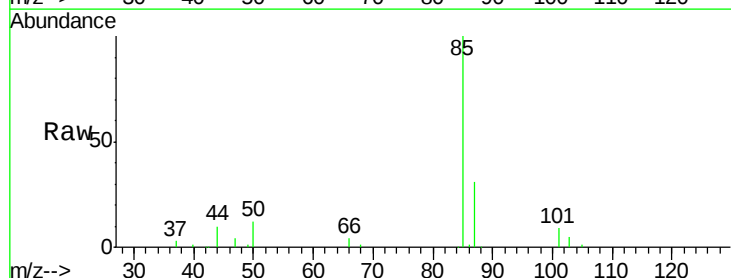
Acq: 24 Mar 2020 12:50

Tgt Ion: 85 Resp: 27828

Ion Ratio Lower Upper

85 100

87 30.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

20000

15000

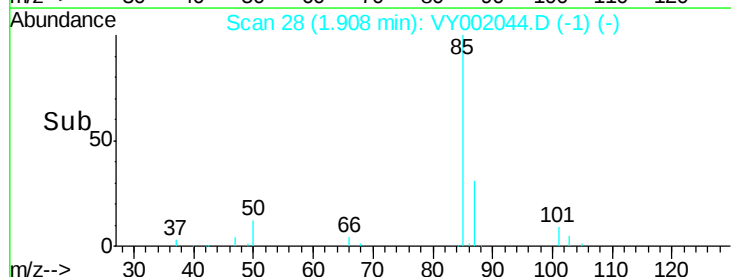
10000

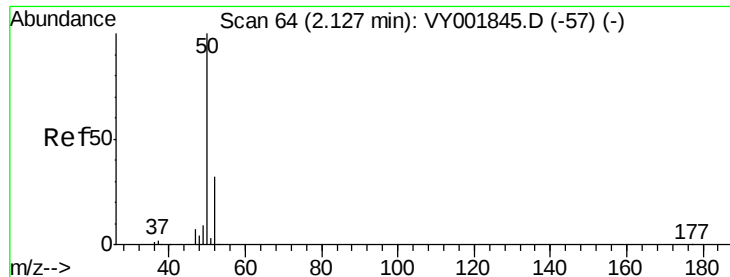
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.26 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

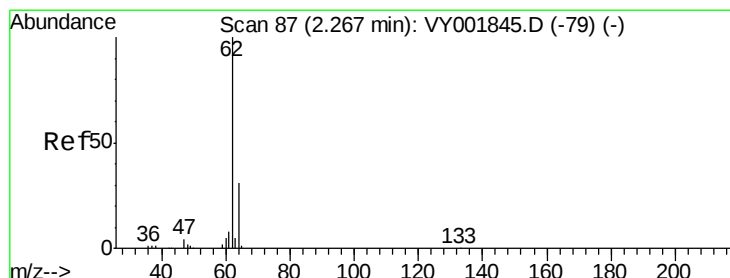
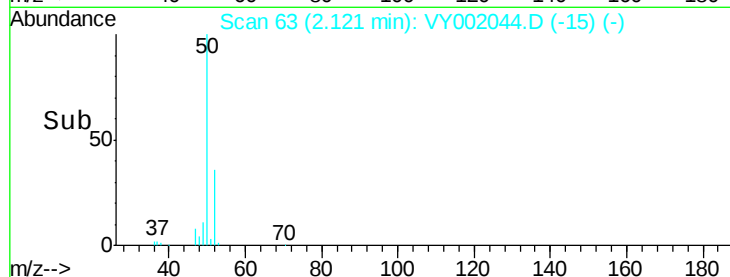
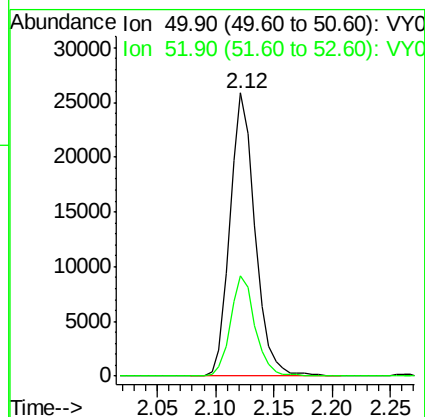
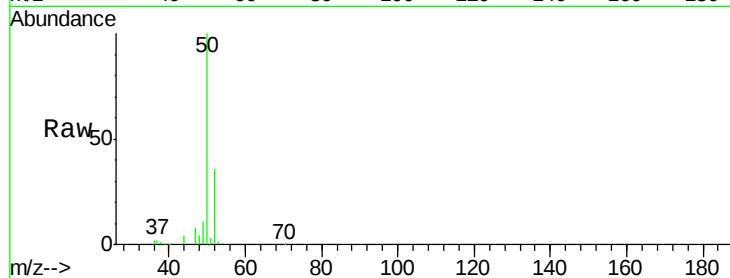
VY0324SBS01

Tgt Ion: 50 Resp: 38840

Ion Ratio Lower Upper

50 100

52 35.6 25.8 38.6



#4

Vinyl Chloride

Concen: 19.88 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002044.D

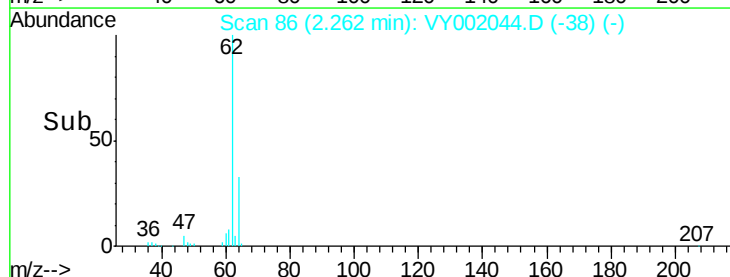
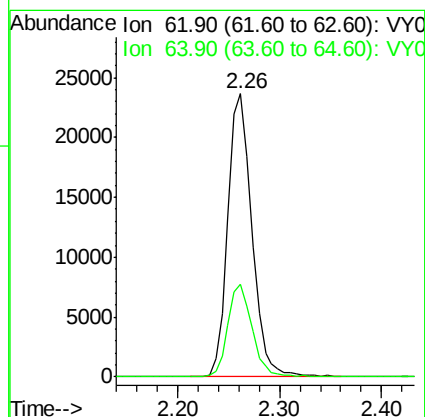
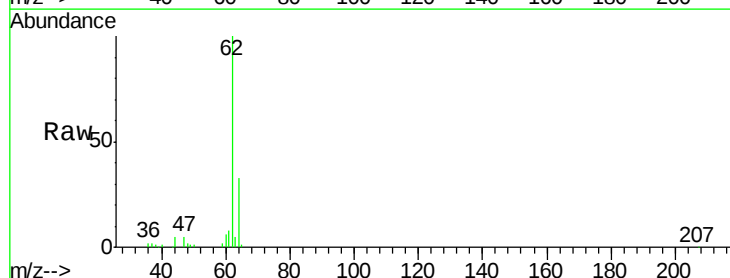
Acq: 24 Mar 2020 12:50

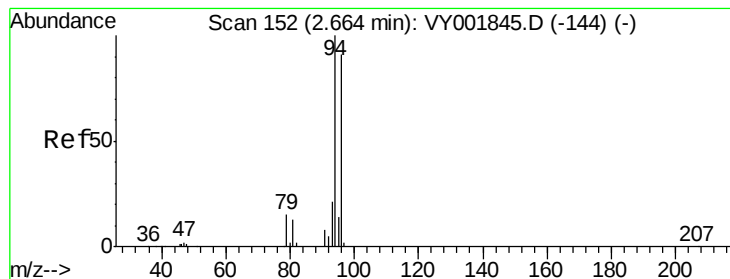
Tgt Ion: 62 Resp: 38765

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 19.16 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

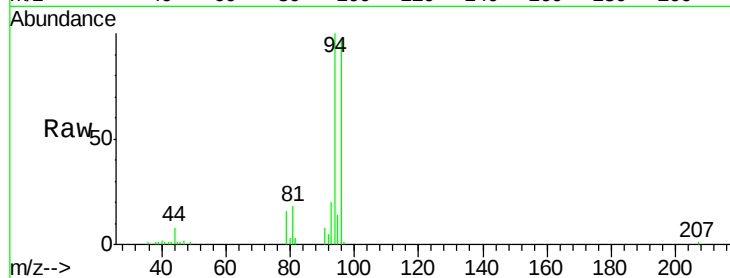
VY0324SBS01

Tgt Ion: 94 Resp: 25935

Ion Ratio Lower Upper

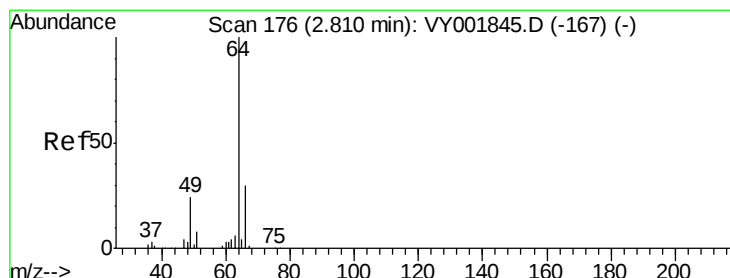
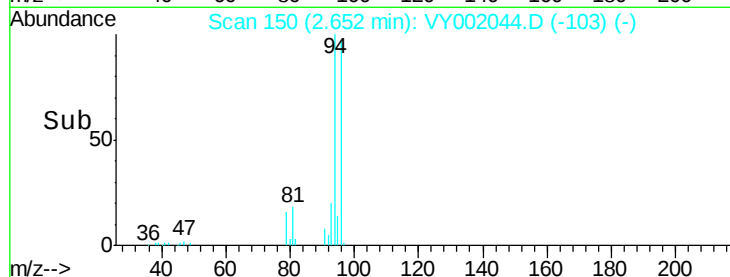
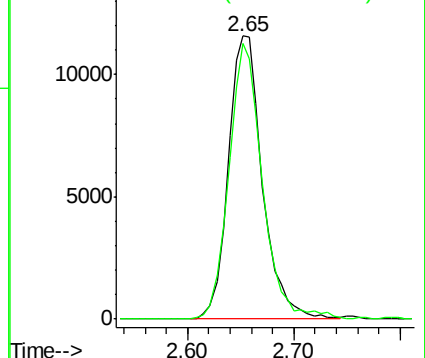
94 100

96 97.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.89 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002044.D

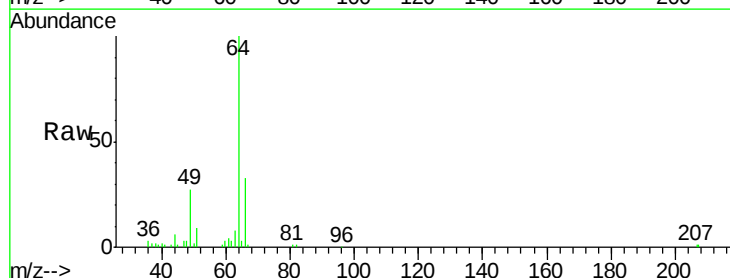
Acq: 24 Mar 2020 12:50

Tgt Ion: 64 Resp: 25589

Ion Ratio Lower Upper

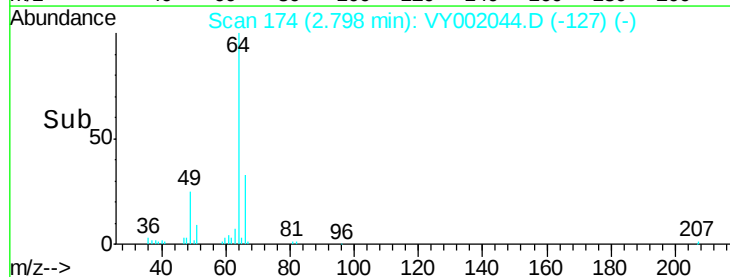
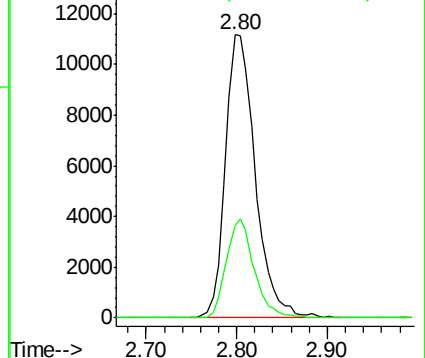
64 100

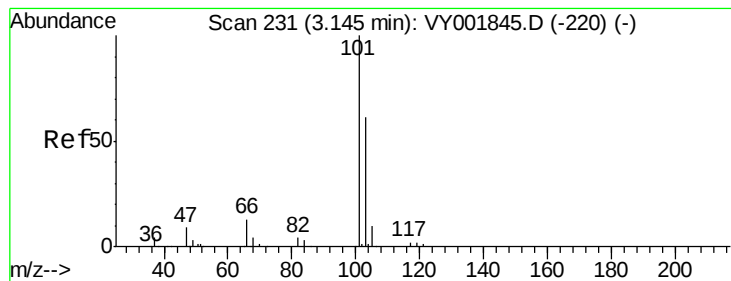
66 32.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 21.42 ug/l

RT: 3.14 min Scan# 230

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

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ClientSampleId :

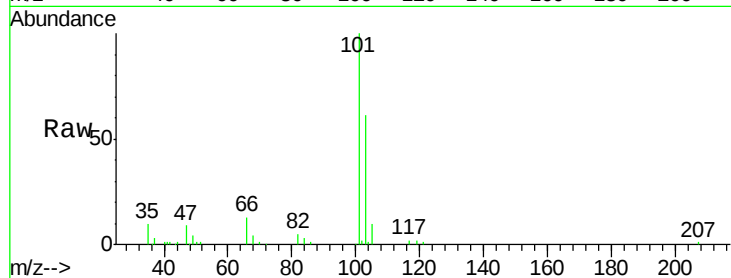
VY0324SBS01

Tgt Ion:101 Resp: 56641

Ion Ratio Lower Upper

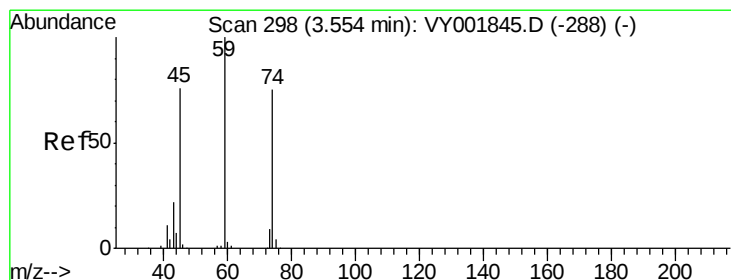
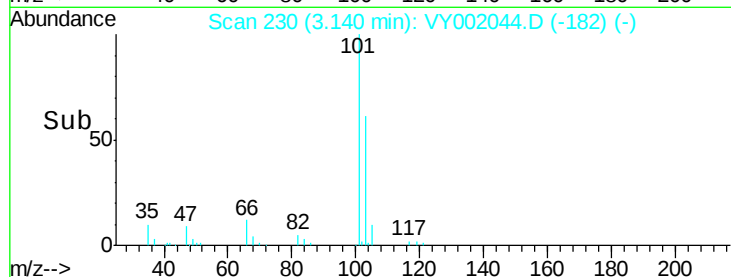
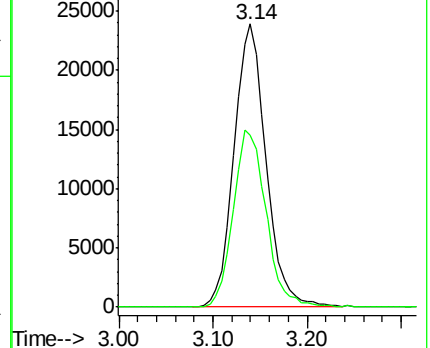
101 100

103 60.6 49.1 73.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 22.91 ug/l

RT: 3.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: VY002044.D

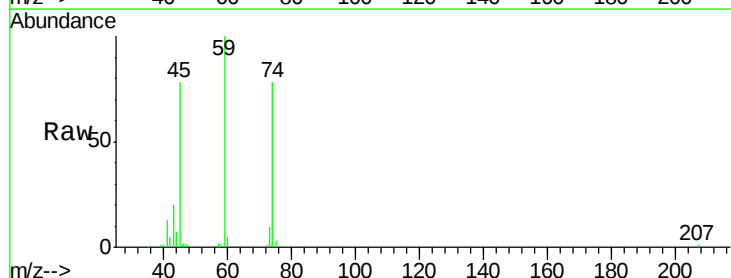
Acq: 24 Mar 2020 12:50

Tgt Ion: 74 Resp: 23875

Ion Ratio Lower Upper

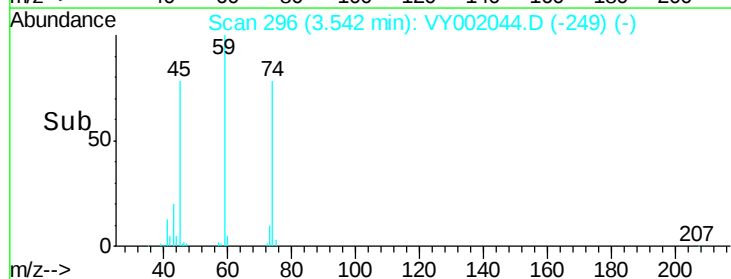
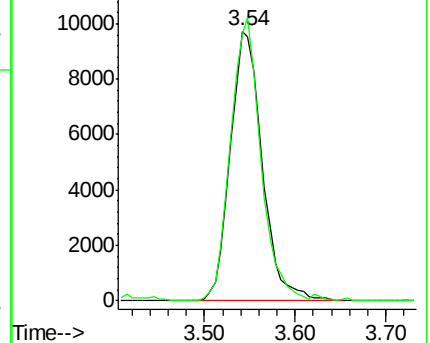
74 100

45 99.4 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.58 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY002044.D

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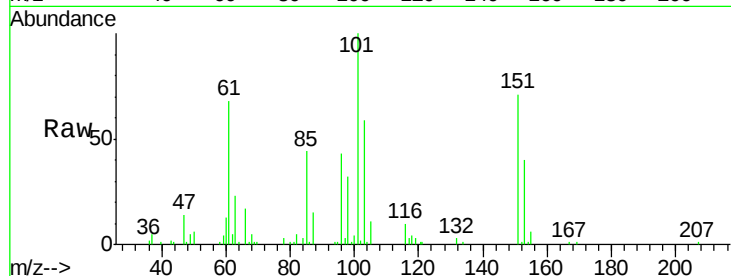
Tgt Ion:101 Resp: 36696

Ion Ratio Lower Upper

101 100

85 44.2 35.3 52.9

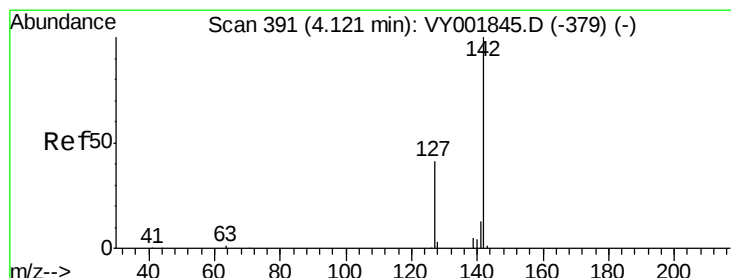
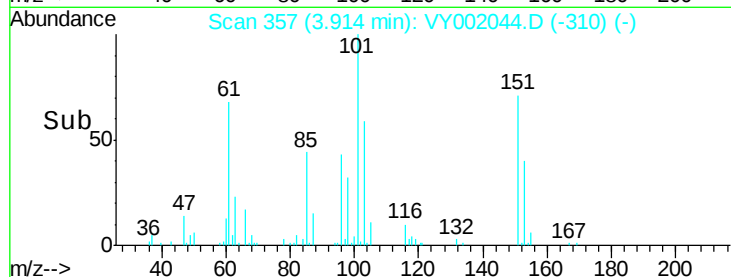
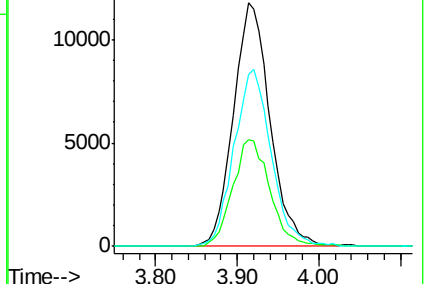
151 73.5 57.0 85.4



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: 21.23 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

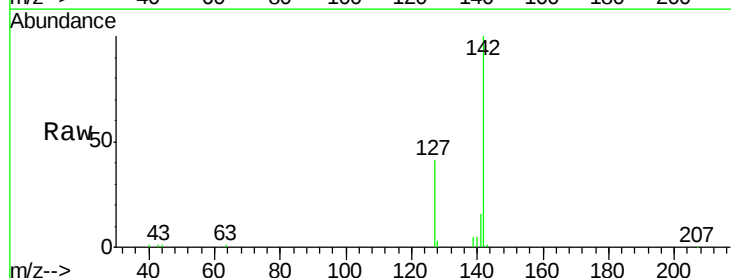
Tgt Ion:142 Resp: 41758

Ion Ratio Lower Upper

142 100

127 40.3 32.7 49.1

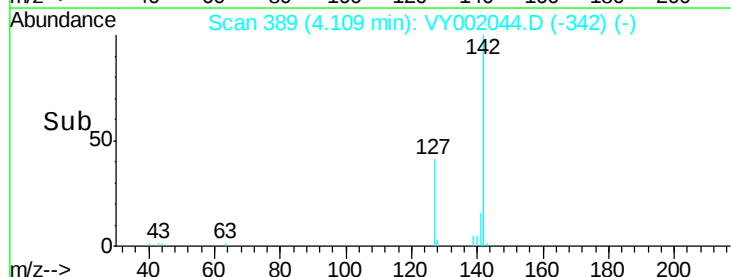
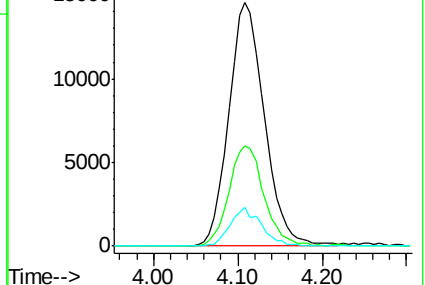
141 14.0 11.0 16.6

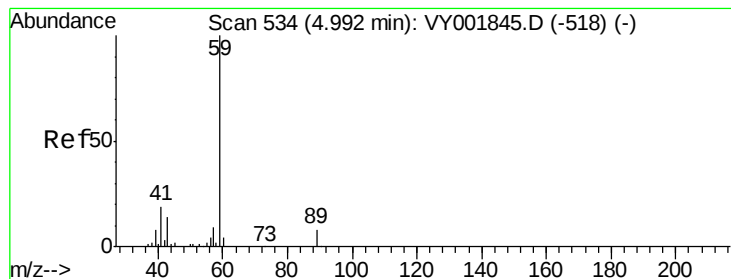


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



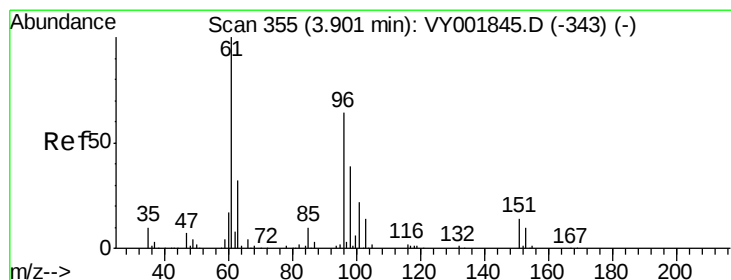
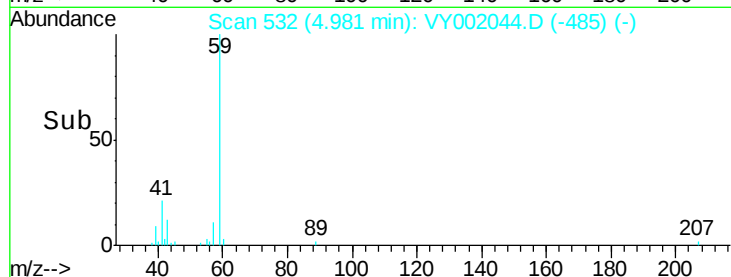
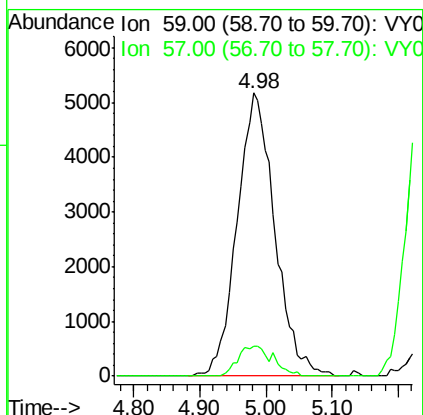
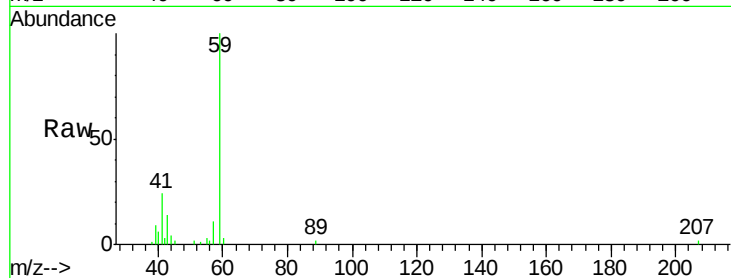


#11

Tert butyl alcohol
 Concen: 106.62 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

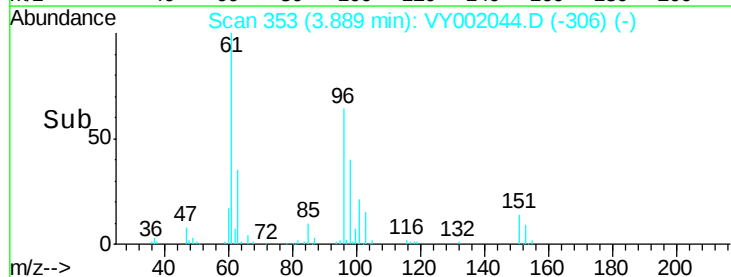
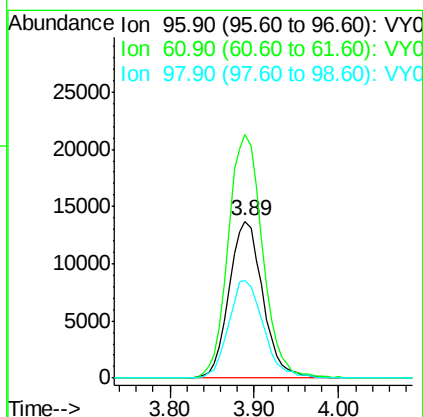
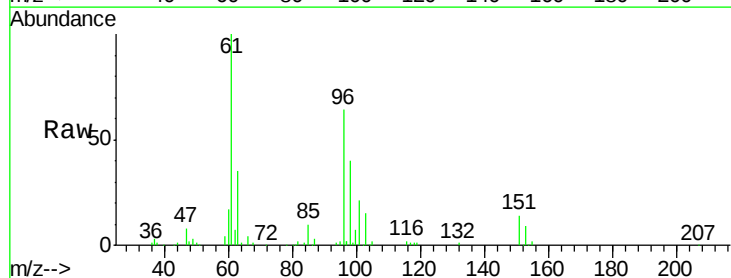
Tgt Ion: 59 Resp: 20460
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.4 11.2

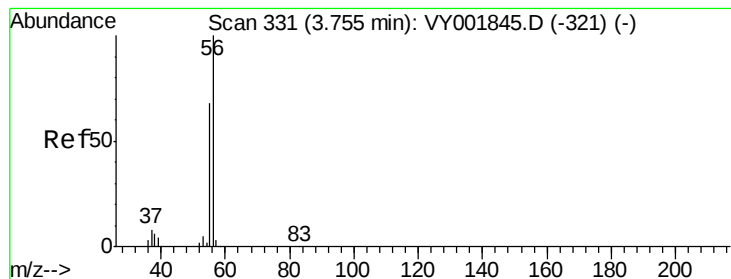


#12

1,1-Dichloroethene
 Concen: 21.67 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 96 Resp: 37105
 Ion Ratio Lower Upper
 96 100
 61 155.1 124.8 187.2
 98 62.6 49.2 73.8





#13

Acrolein

Concen: 80.84 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

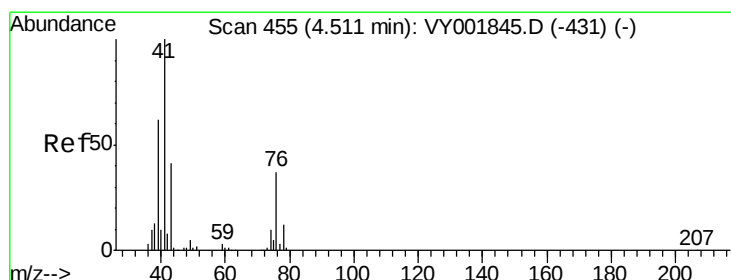
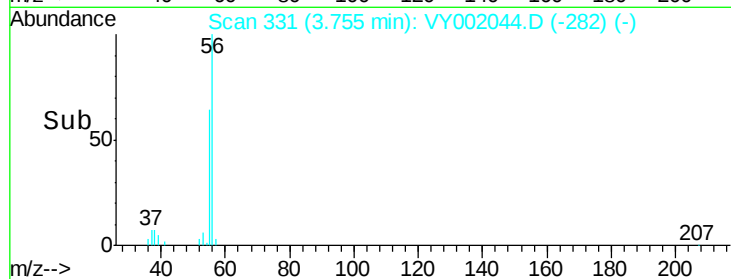
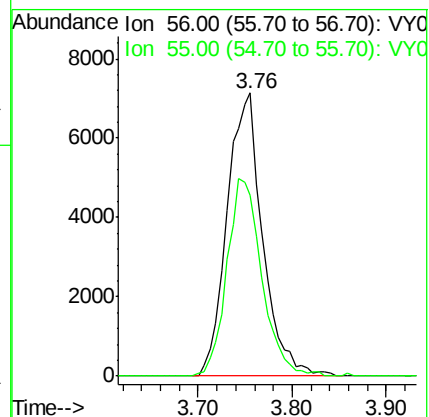
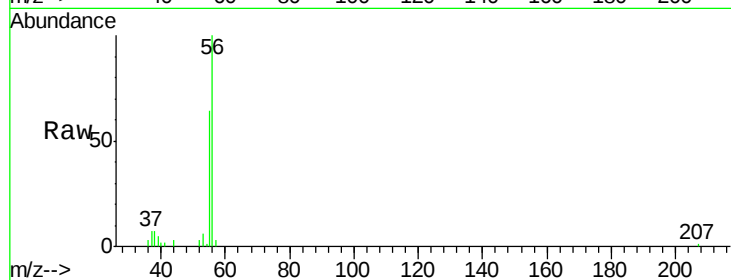
VY0324SBS01

Tgt Ion: 56 Resp: 18679

Ion Ratio Lower Upper

56 100

55 68.7 54.0 81.0



#14

Allyl chloride

Concen: 22.53 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

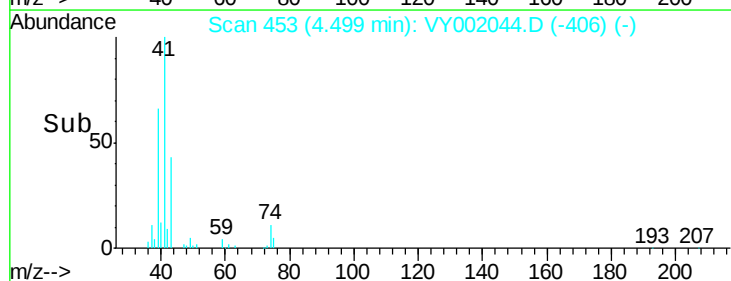
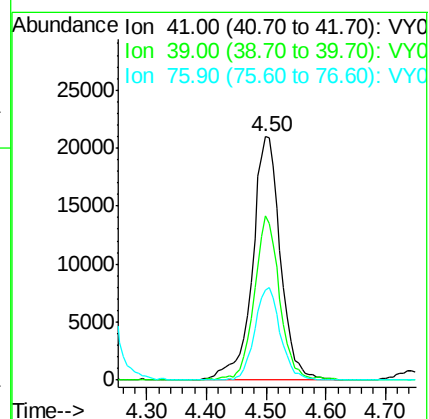
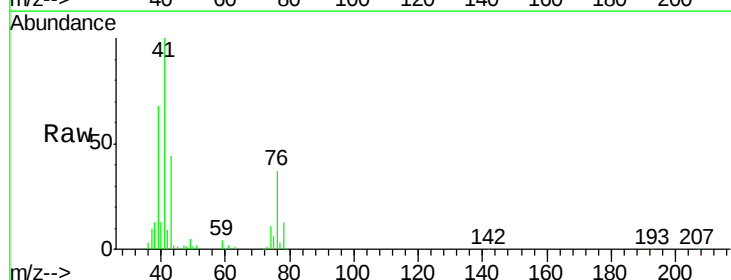
Tgt Ion: 41 Resp: 68391

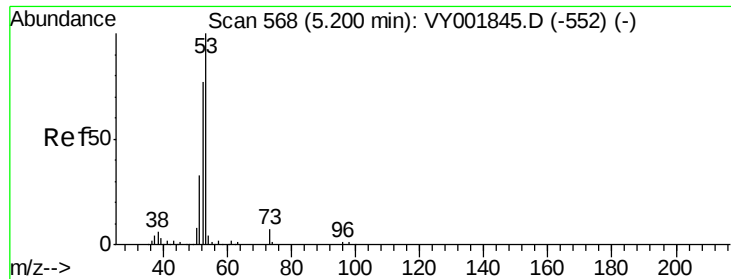
Ion Ratio Lower Upper

41 100

39 61.2 49.0 73.6

76 34.9 28.9 43.3





#15

Acrylonitrile

Concen: 120.05 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

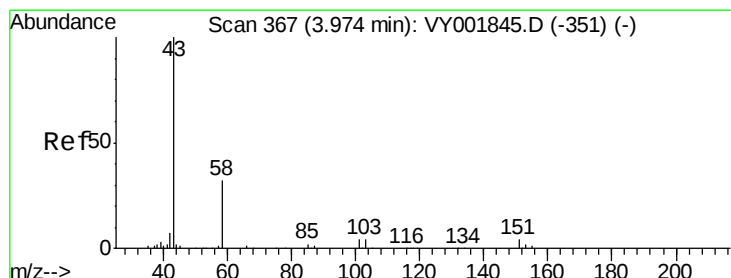
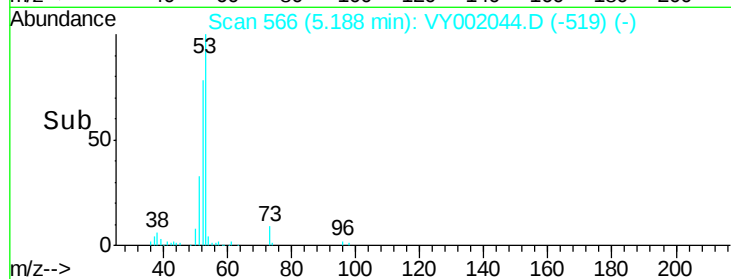
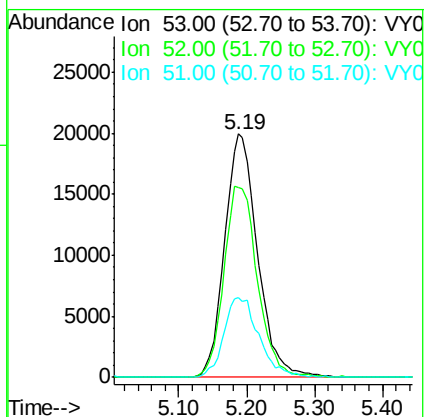
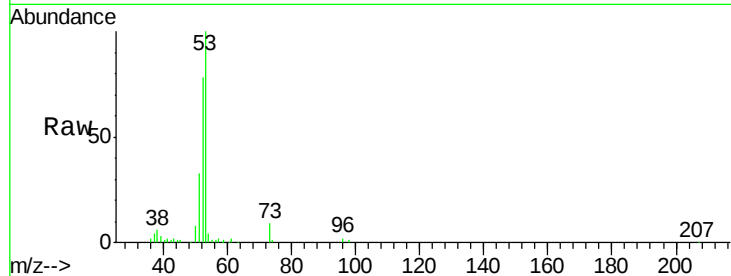
Tgt Ion: 53 Resp: 66856

Ion Ratio Lower Upper

53 100

52 79.4 65.1 97.7

51 34.9 27.5 41.3



#16

Acetone

Concen: 114.93 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002044.D

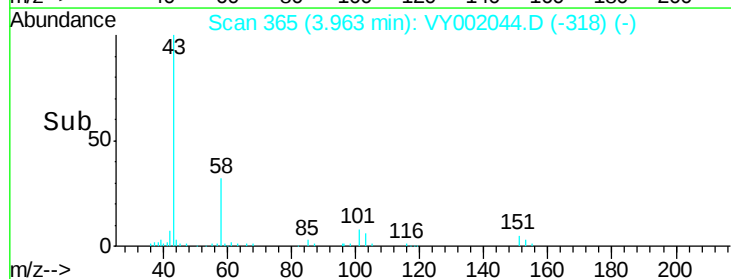
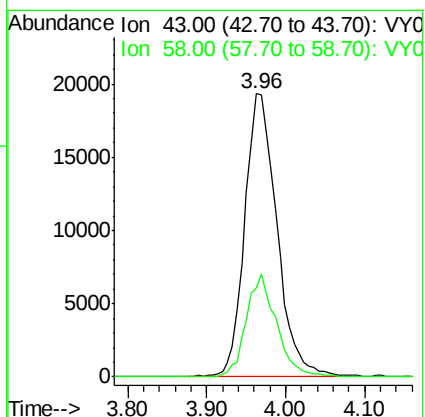
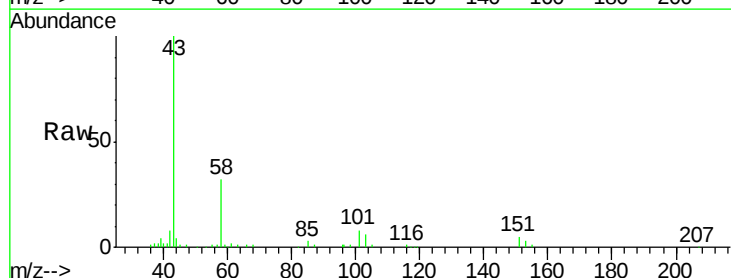
Acq: 24 Mar 2020 12:50

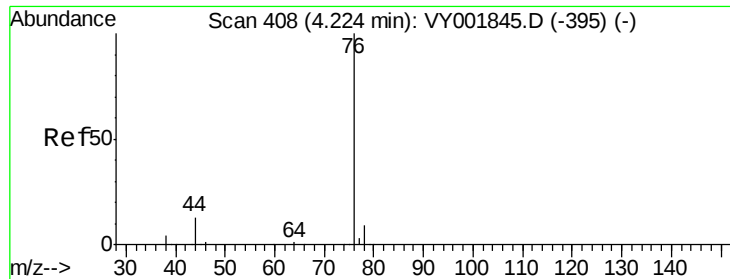
Tgt Ion: 43 Resp: 55043

Ion Ratio Lower Upper

43 100

58 31.5 25.9 38.9

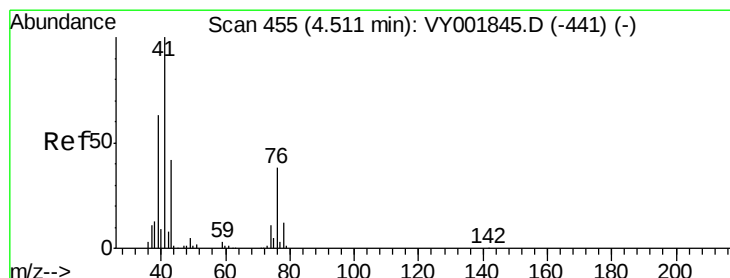
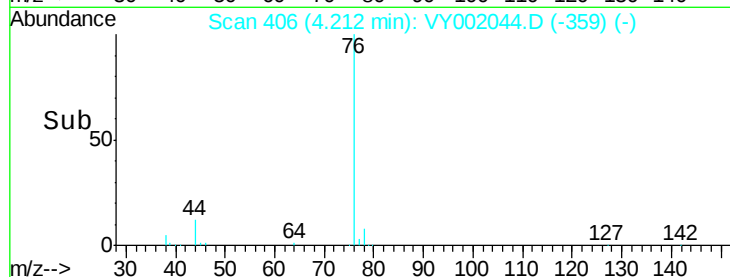
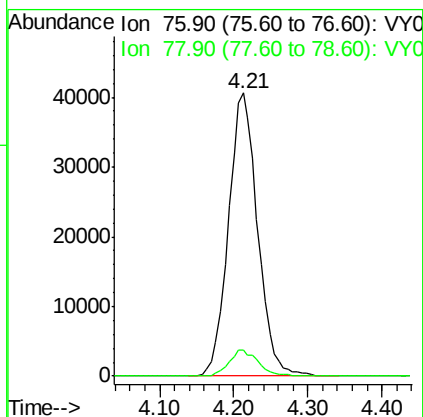
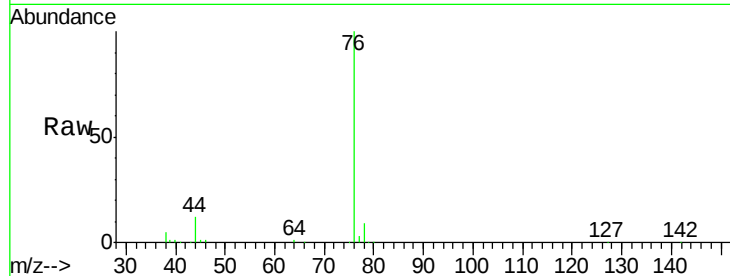




#17
Carbon Disulfide
Concen: 19.31 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

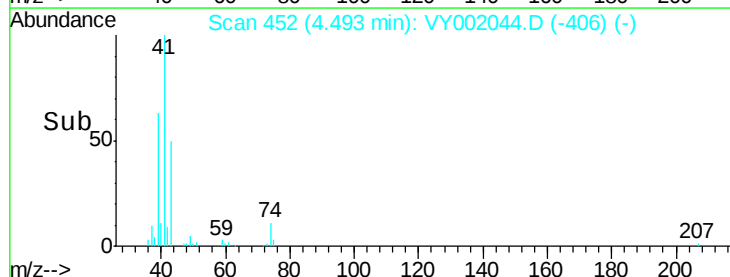
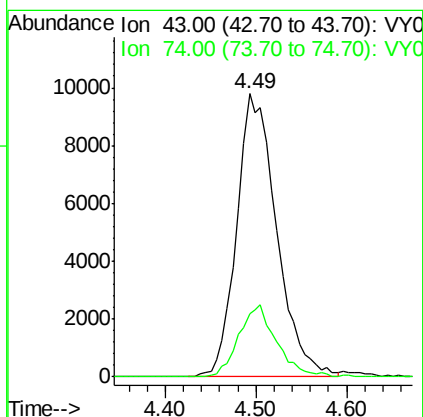
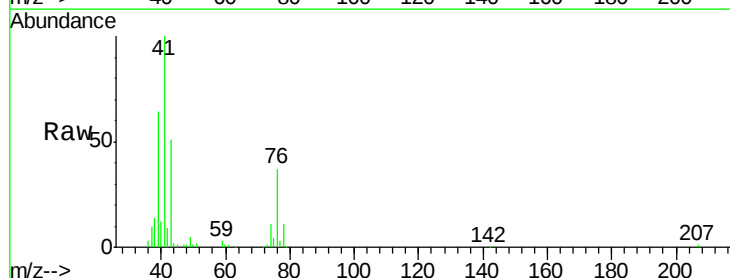
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

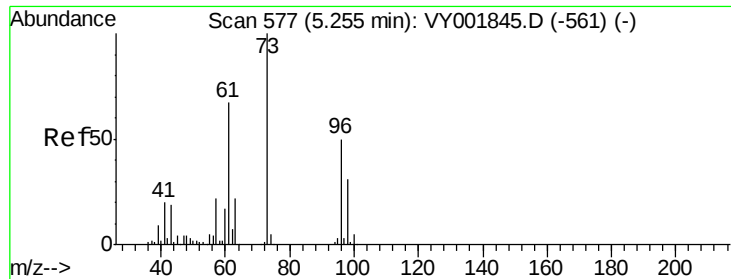
Tgt Ion: 76 Resp: 111179
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 24.30 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.02 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 43 Resp: 29907
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6

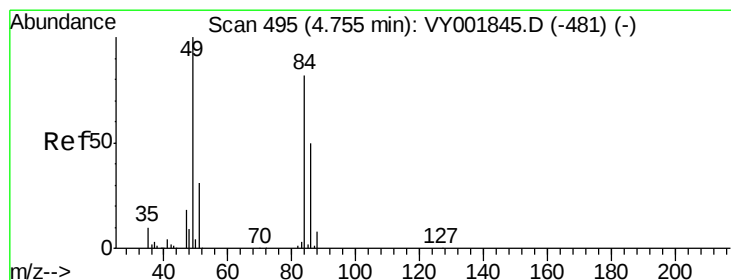
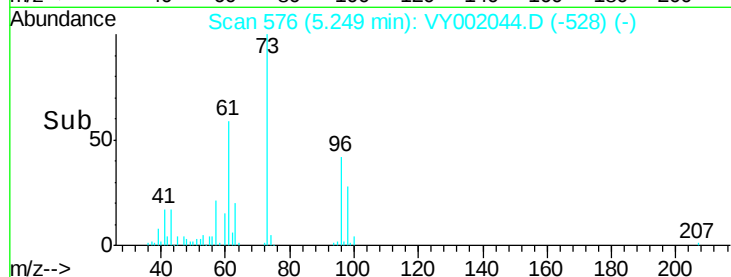
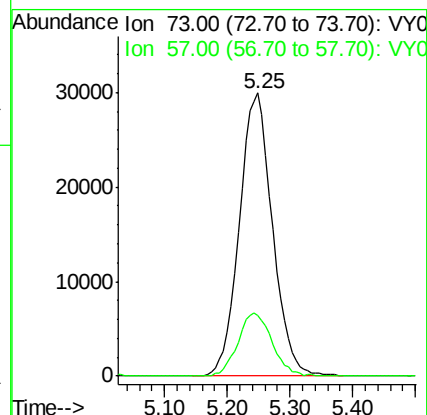
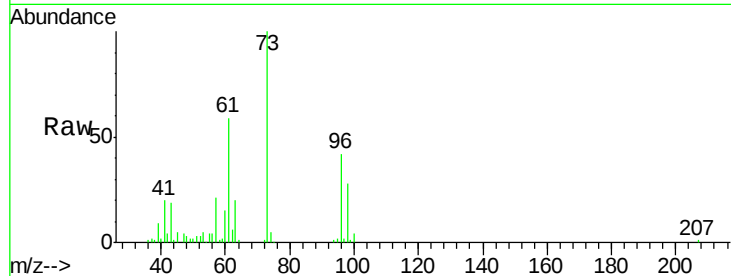




#19
Methyl tert-butyl Ether
Concen: 23.57 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

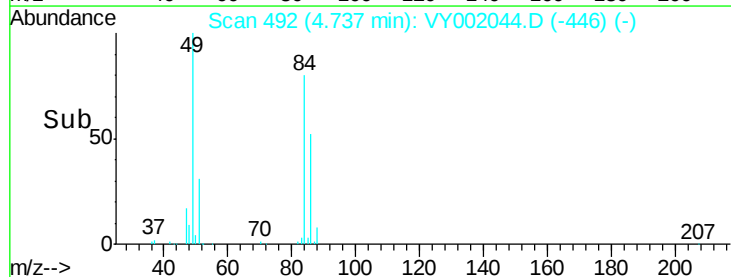
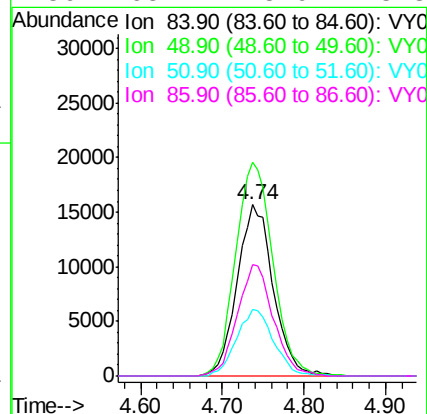
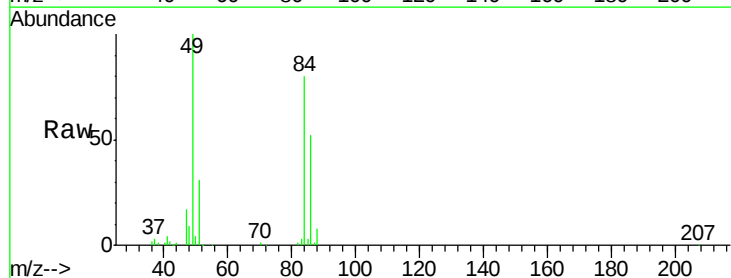
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

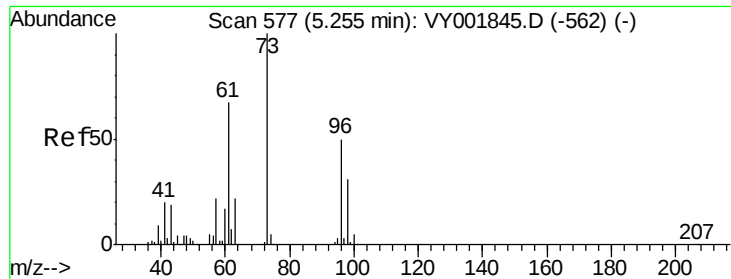
Tgt Ion: 73 Resp: 109374
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2



#20
Methylene Chloride
Concen: 23.38 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 84 Resp: 47986
Ion Ratio Lower Upper
84 100
49 124.9 98.2 147.2
51 38.8 30.2 45.2
86 65.2 48.9 73.3

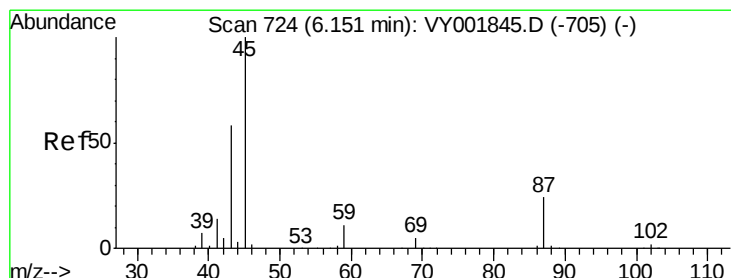
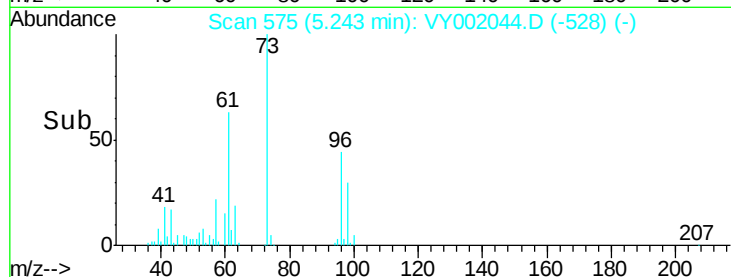
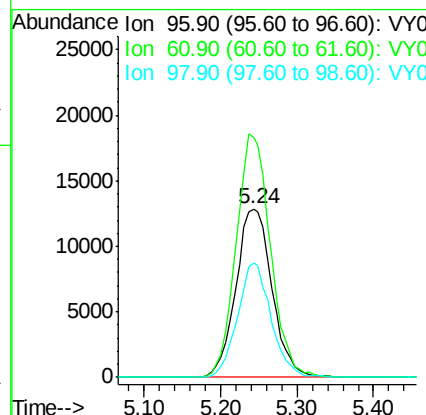
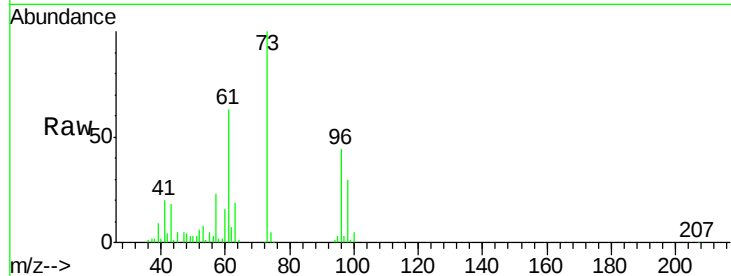




#21
trans-1,2-Dichloroethene
Concen: 21.65 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

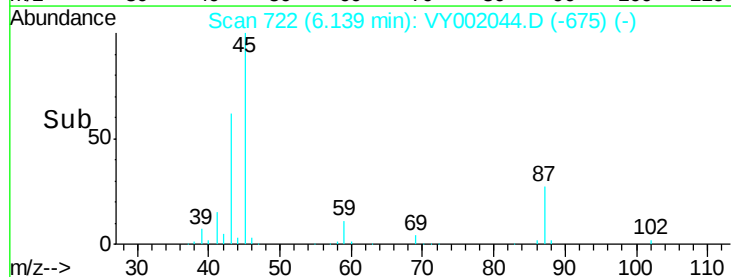
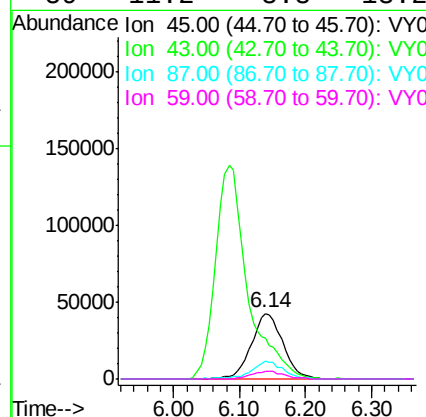
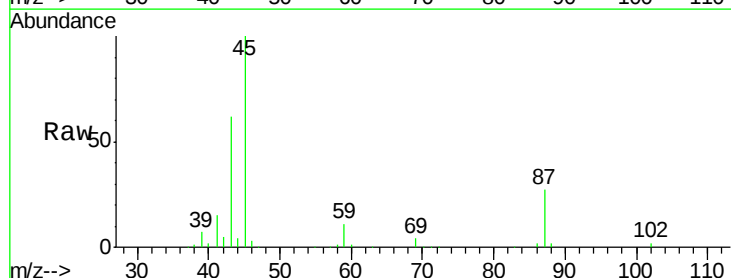
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

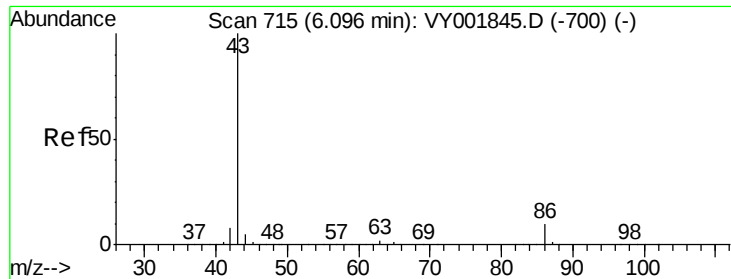
Tgt Ion: 96 Resp: 42077
Ion Ratio Lower Upper
96 100
61 142.8 107.7 161.5
98 67.8 49.3 73.9



#22
Diisopropyl ether
Concen: 22.93 ug/l
RT: 6.14 min Scan# 722
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 45 Resp: 142696
Ion Ratio Lower Upper
45 100
43 61.8 47.2 70.8
87 26.5 19.8 29.8
59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 115.33 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

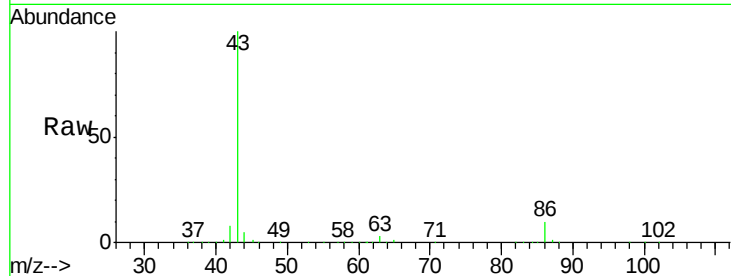
VY0324SBS01

Tgt Ion: 43 Resp: 470501

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

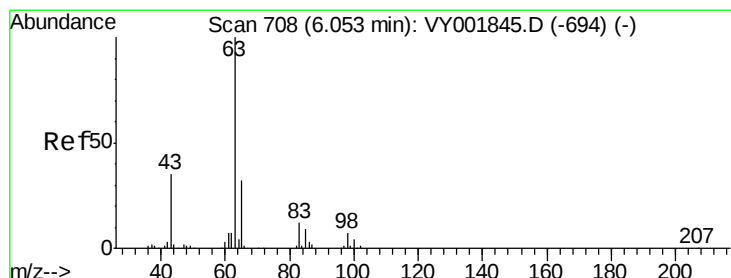
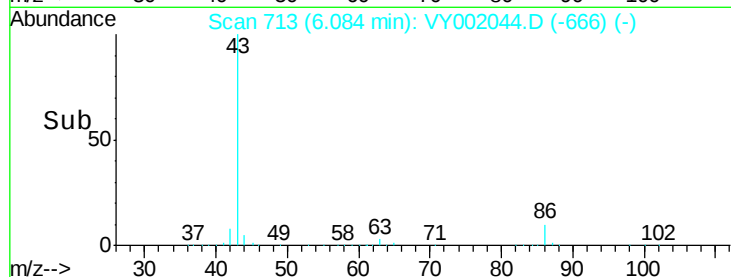
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 22.44 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

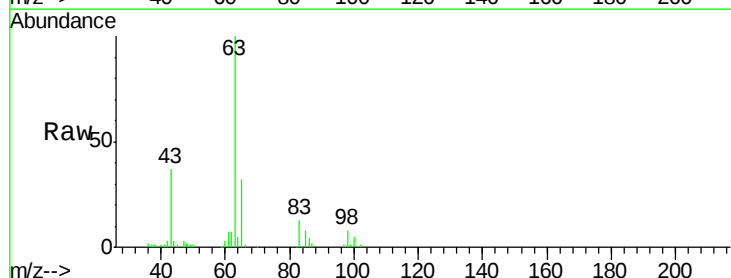
Tgt Ion: 63 Resp: 75619

Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.2

100 4.6 2.0 6.0



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

6.04

30000

25000

20000

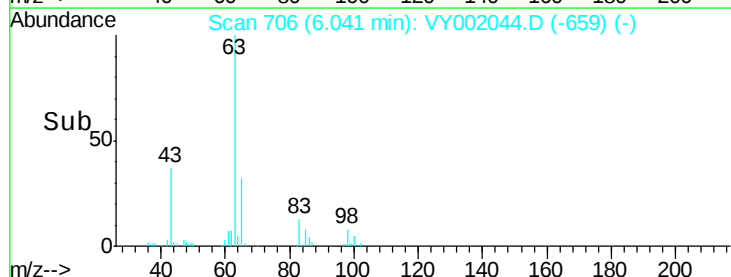
15000

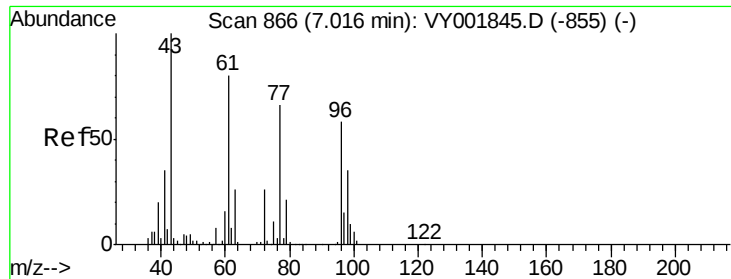
10000

5000

0

Time--> 5.90 6.00 6.10 6.20

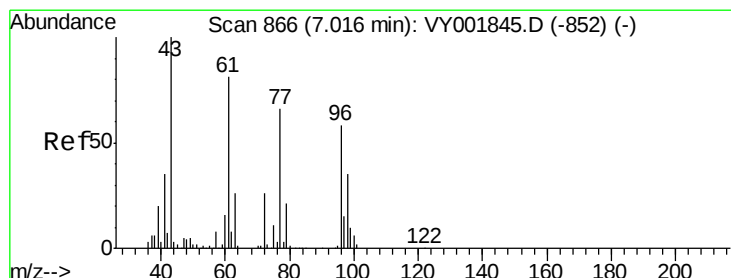
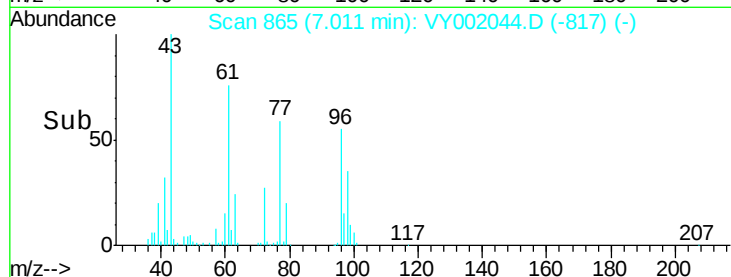
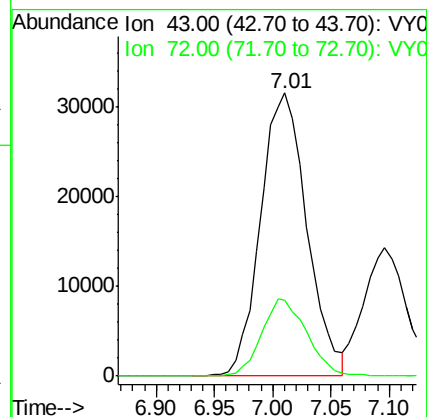
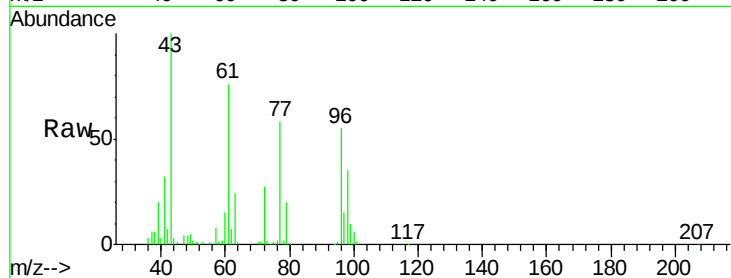




#25
 2-Butanone
 Concen: 118.90 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

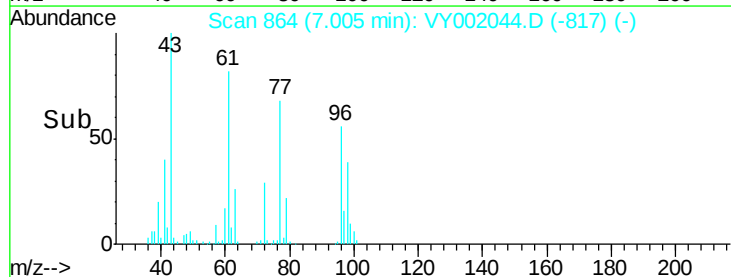
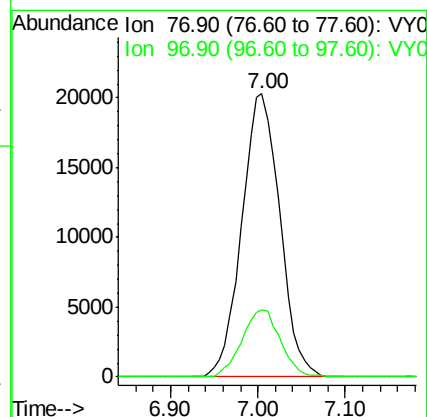
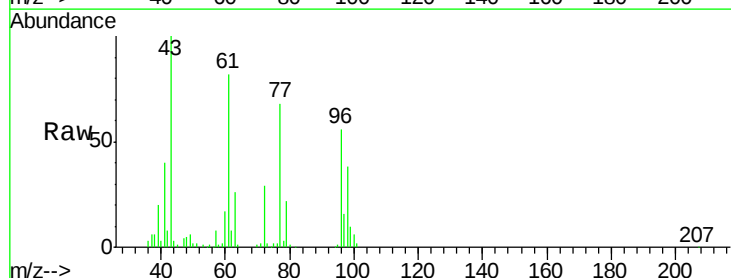
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

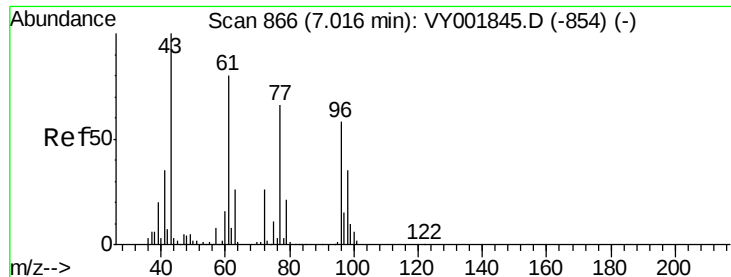
Tgt Ion: 43 Resp: 86600
 Ion Ratio Lower Upper
 43 100
 72 27.1 20.9 31.3



#26
 2,2-Dichloropropane
 Concen: 22.24 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 77 Resp: 61513
 Ion Ratio Lower Upper
 77 100
 97 24.0 11.9 35.7



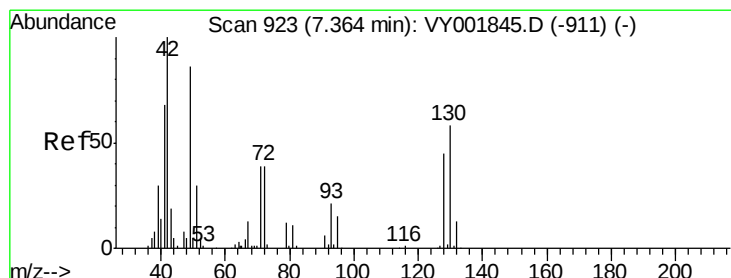
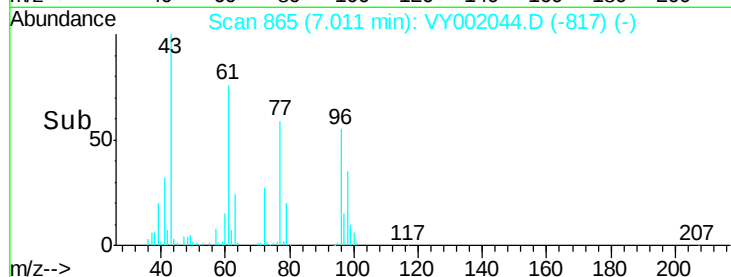
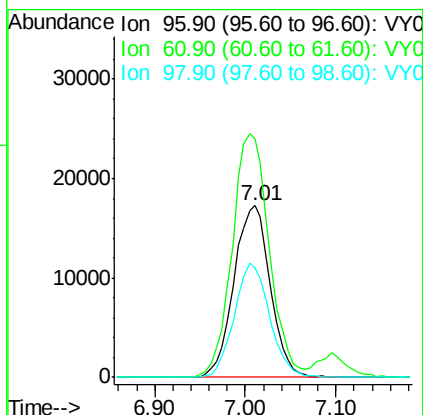
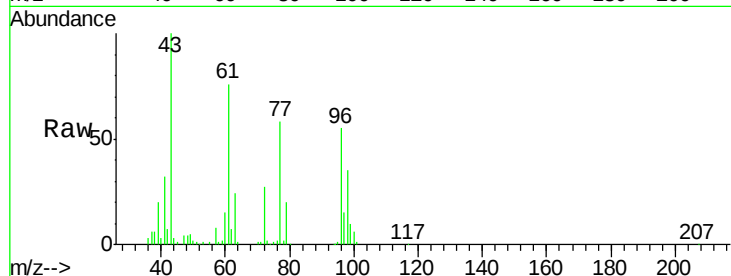


#27

cis-1,2-Dichloroethene
Concen: 22.65 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

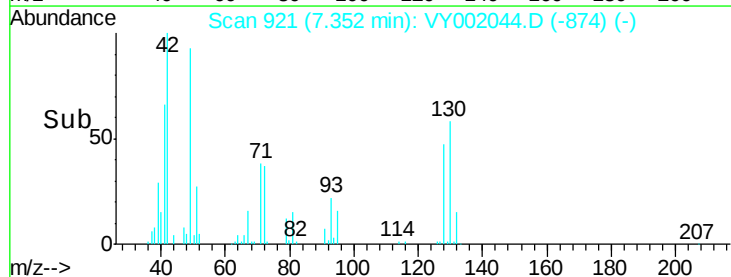
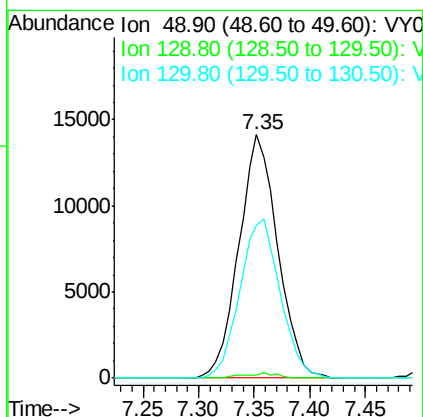
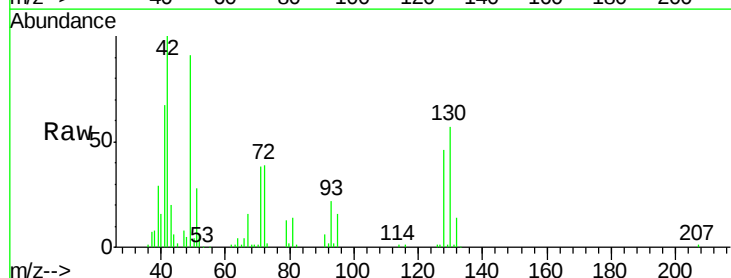
Tgt Ion: 96 Resp: 47900
Ion Ratio Lower Upper
96 100
61 144.6 0.0 288.2
98 64.7 0.0 129.0

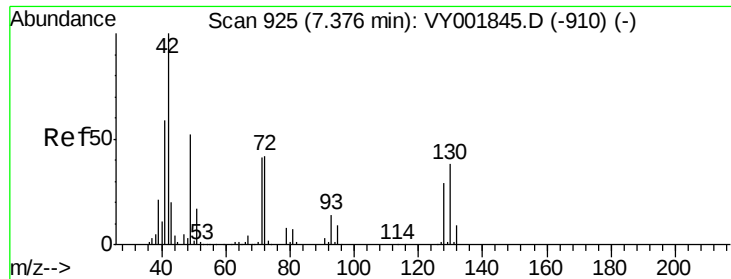


#28

Bromochloromethane
Concen: 22.59 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 49 Resp: 34318
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 67.6 54.4 81.6

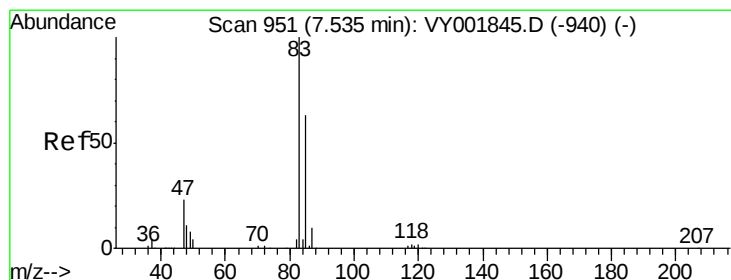
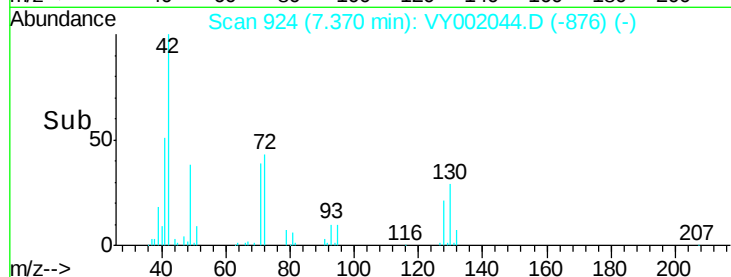
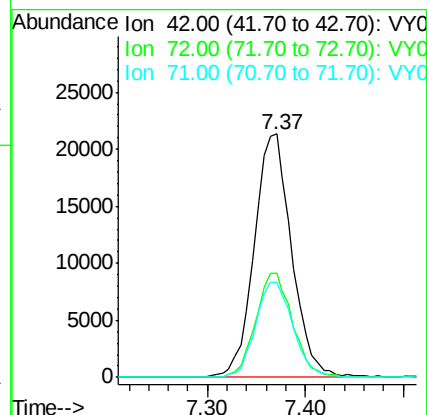
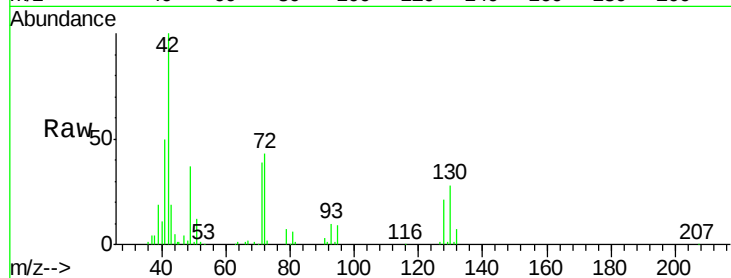




#29
Tetrahydrofuran
Concen: 117.28 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

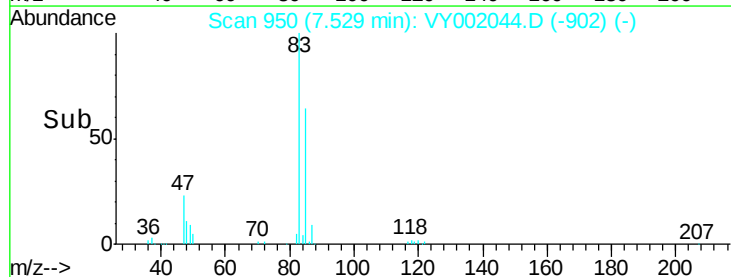
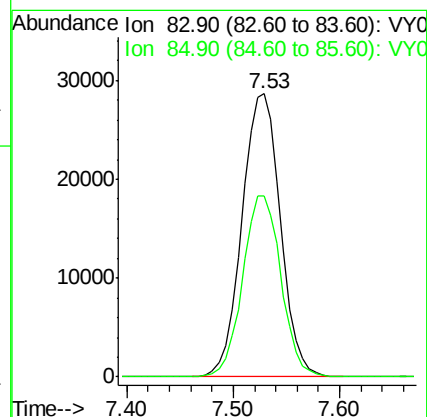
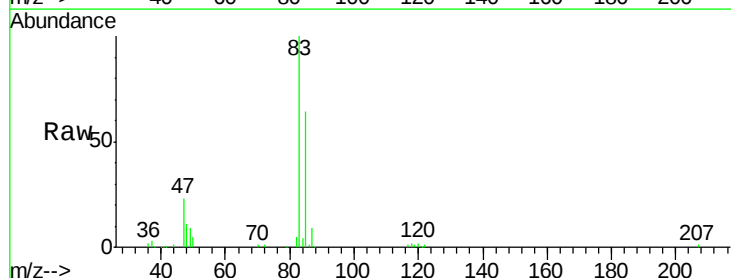
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion: 42 Resp: 56721
Ion Ratio Lower Upper
42 100
72 42.1 33.5 50.3
71 39.4 31.3 46.9



#30
Chloroform
Concen: 22.89 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 83 Resp: 72476
Ion Ratio Lower Upper
83 100
85 63.7 50.7 76.1





#31

Cyclohexane

Concen: 20.69 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

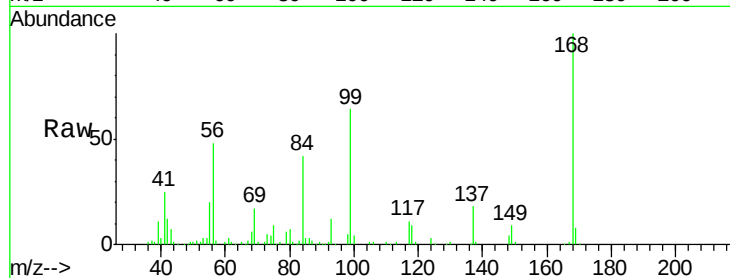
Tgt Ion: 56 Resp: 74771

Ion Ratio Lower Upper

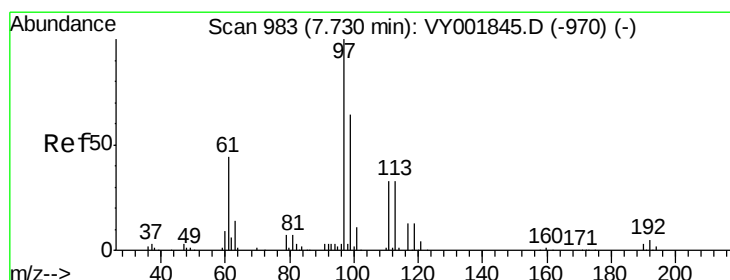
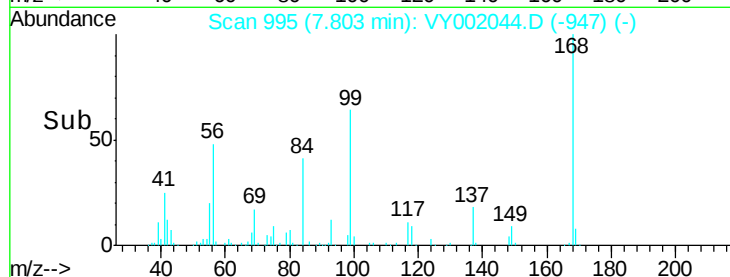
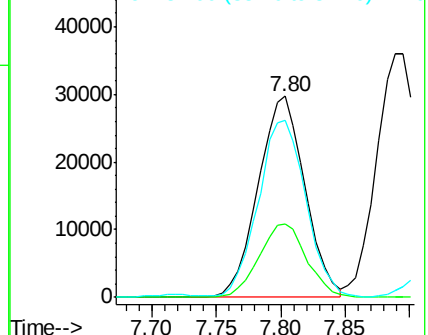
56 100

69 36.7 26.7 40.1

84 87.0 70.4 105.6



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: 22.73 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

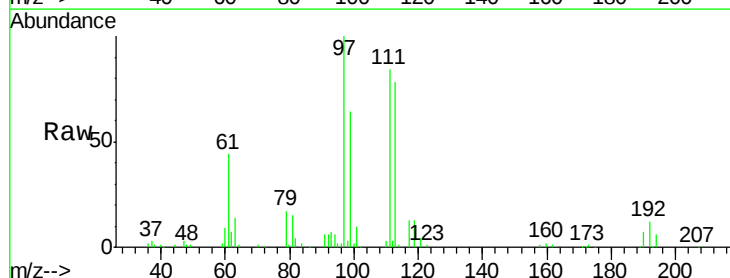
Tgt Ion: 97 Resp: 60652

Ion Ratio Lower Upper

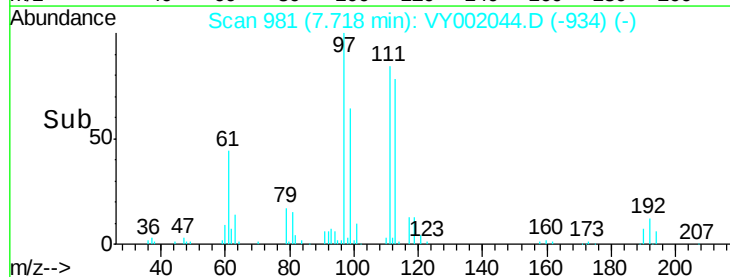
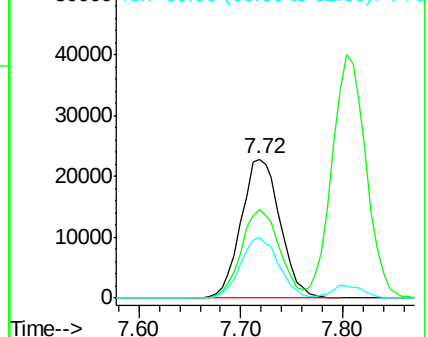
97 100

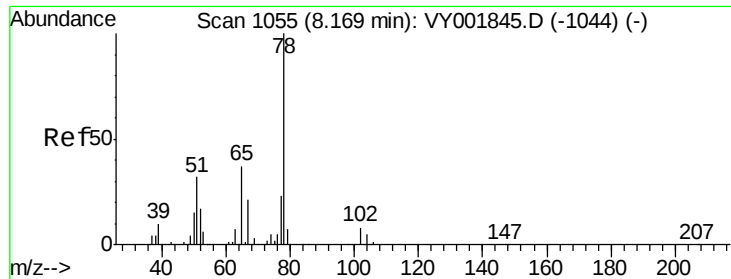
99 62.5 52.0 78.0

61 43.0 35.0 52.4



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: 55.88 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

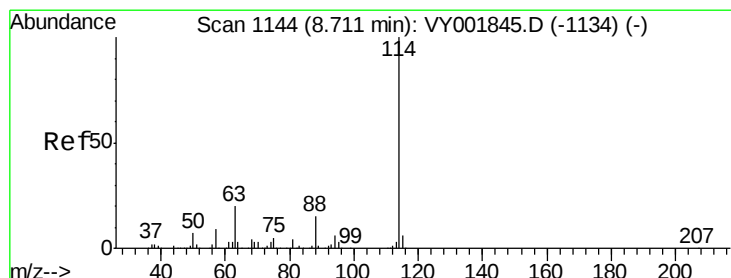
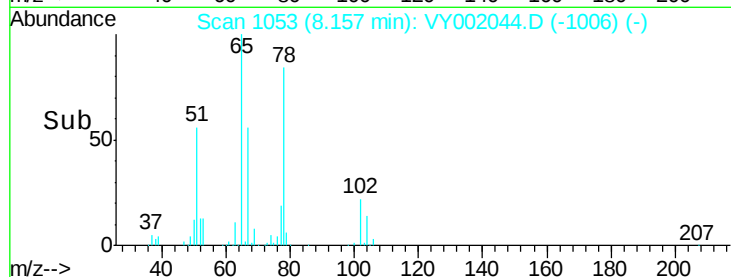
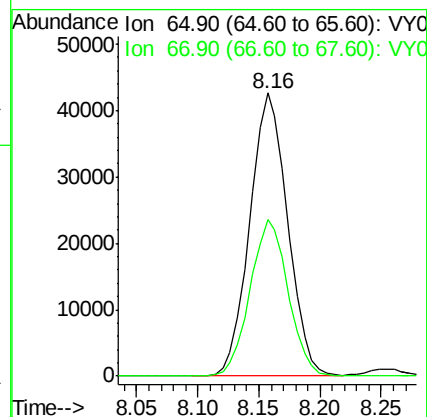
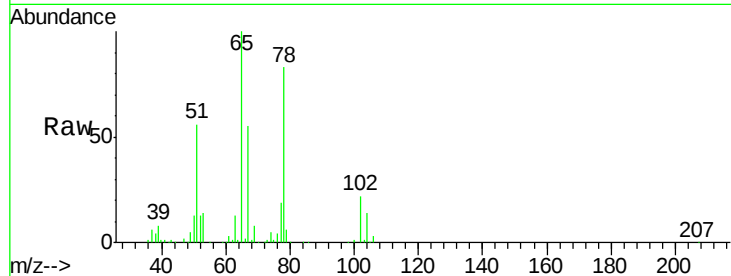
VY0324SBS01

Tgt Ion: 65 Resp: 91884

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

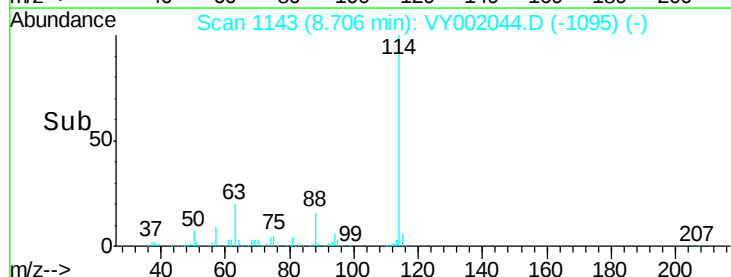
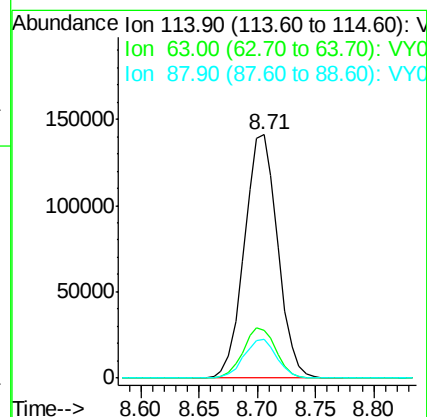
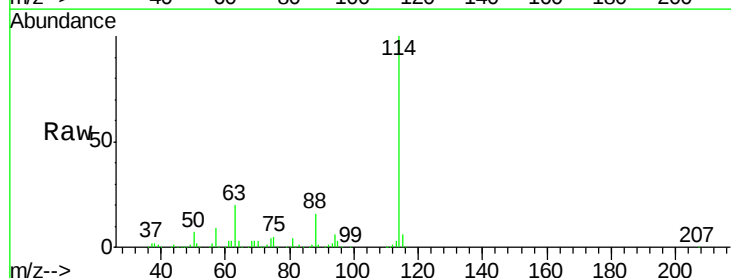
Tgt Ion: 114 Resp: 281291

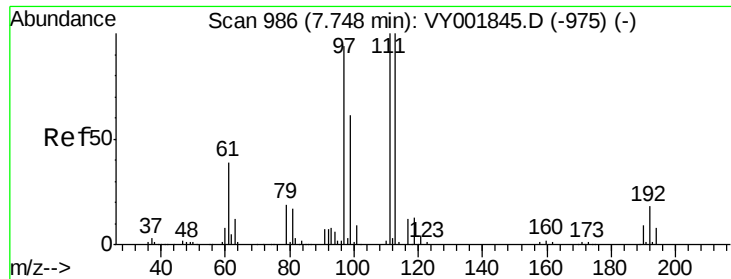
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

88 15.8 0.0 30.4

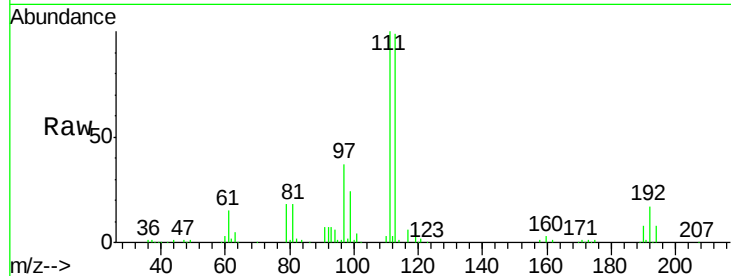




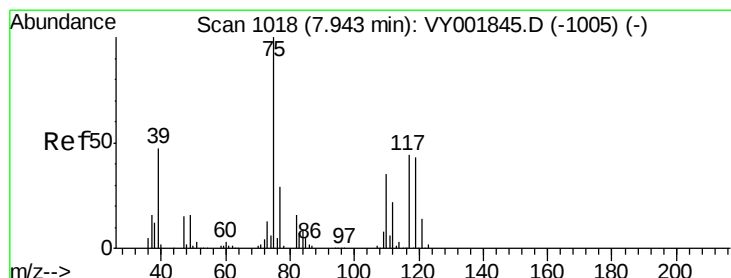
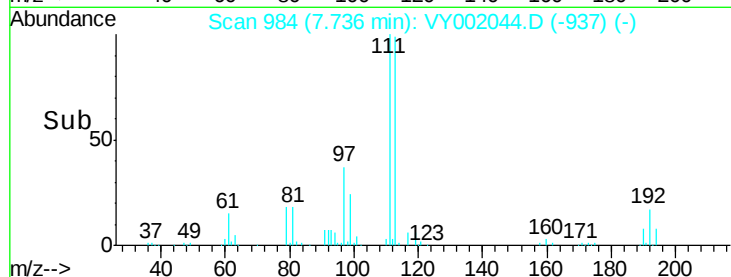
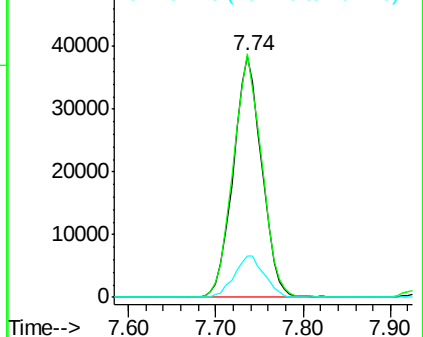
#35
 Dibromofluoromethane
 Concen: 56.84 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tgt Ion:113 Resp: 87308
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.8
 192 18.0 14.2 21.2

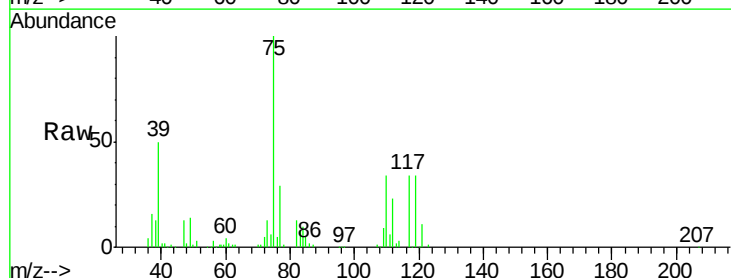


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

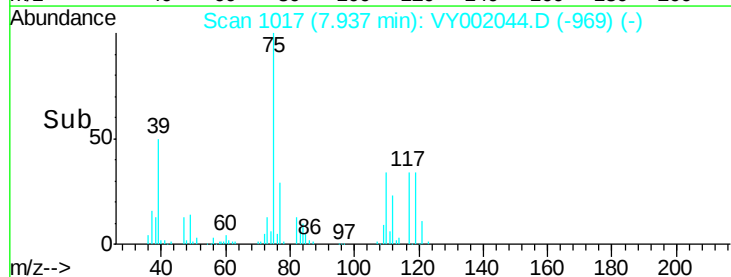
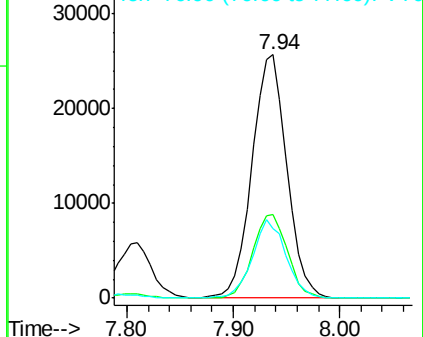


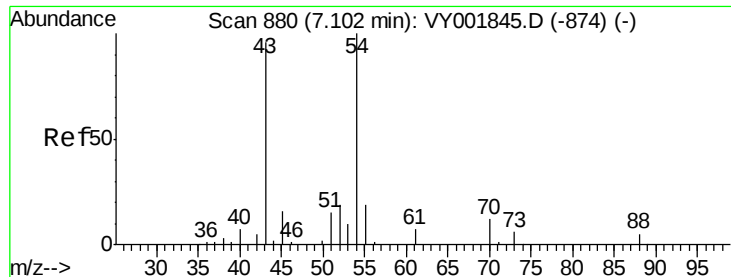
#36
 1,1-Dichloropropene
 Concen: 21.81 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 75 Resp: 59029
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.4 52.2
 77 31.2 24.2 36.2



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

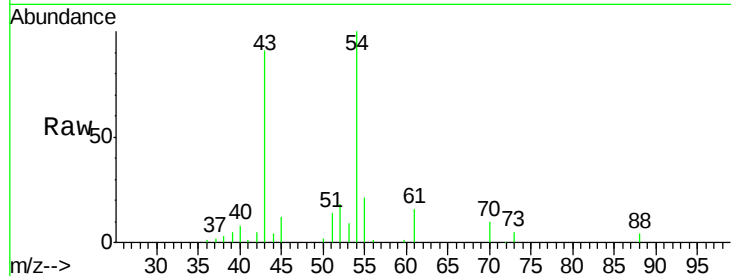




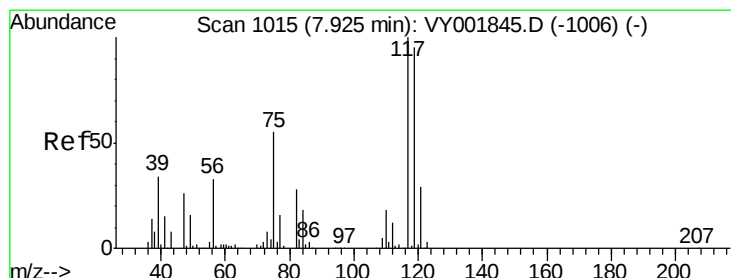
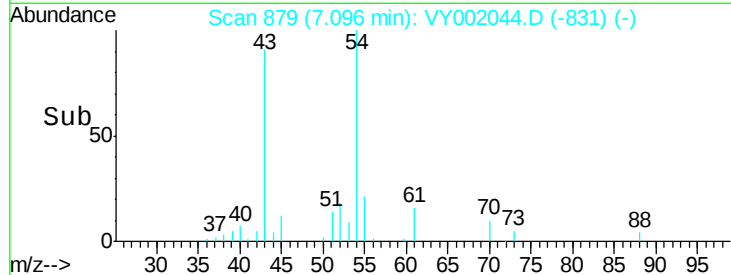
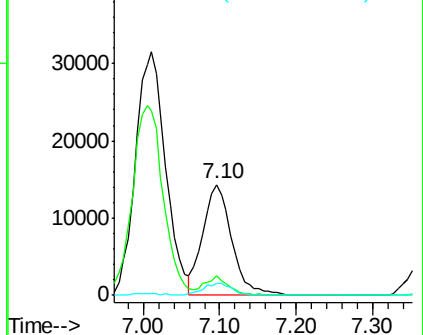
#37
Ethyl Acetate
Concen: 24.14 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion: 43 Resp: 37981
Ion Ratio Lower Upper
43 100
61 14.6 11.1 16.7
70 10.9 8.2 12.4

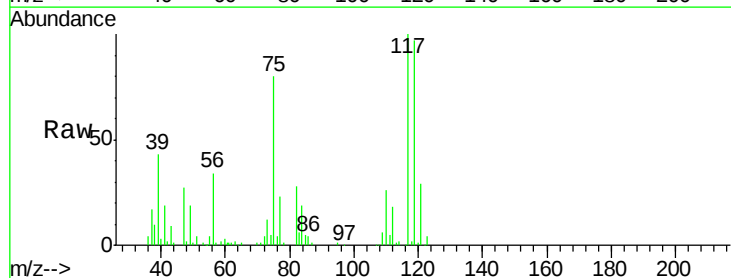


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

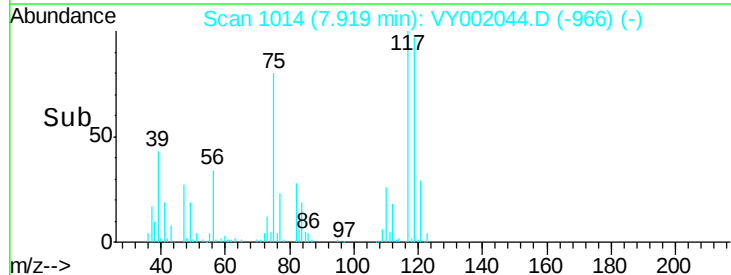
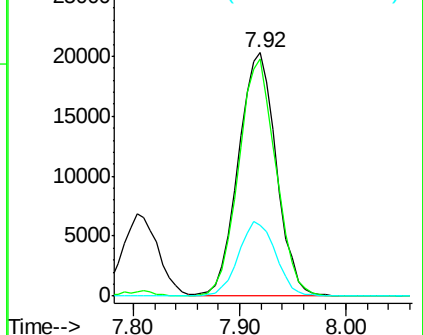


#38
Carbon Tetrachloride
Concen: 21.97 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 117 Resp: 50800
Ion Ratio Lower Upper
117 100
119 97.3 76.3 114.5
121 29.3 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

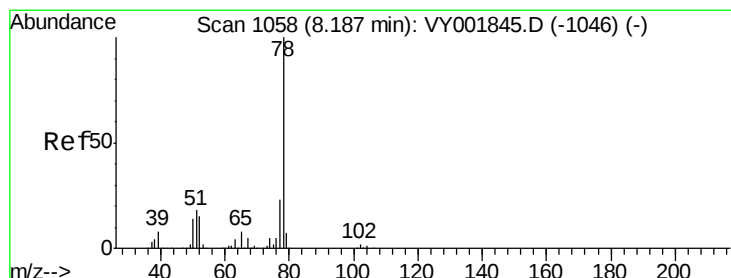
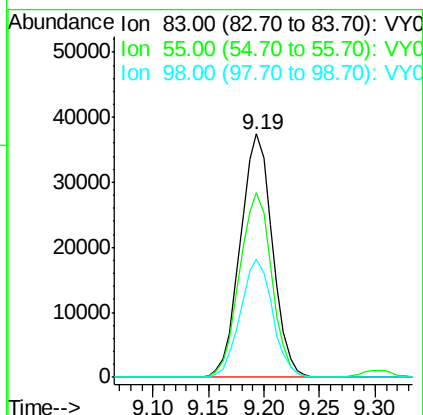
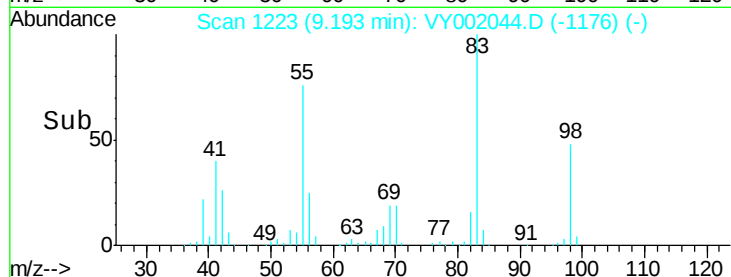
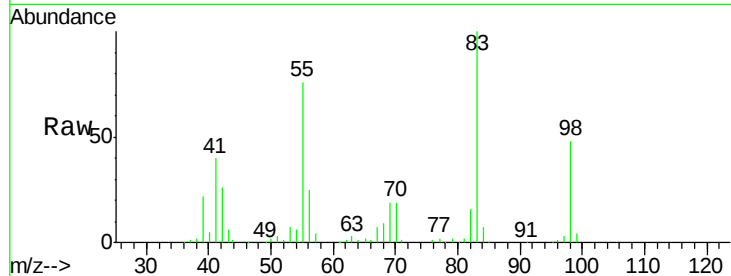




#39
Methylcyclohexane
Concen: 20.88 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

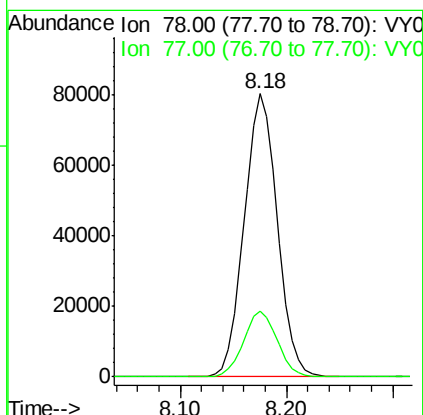
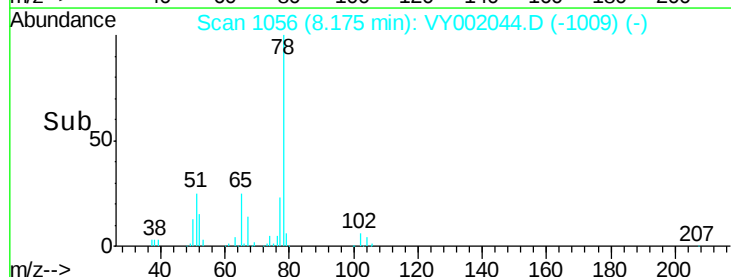
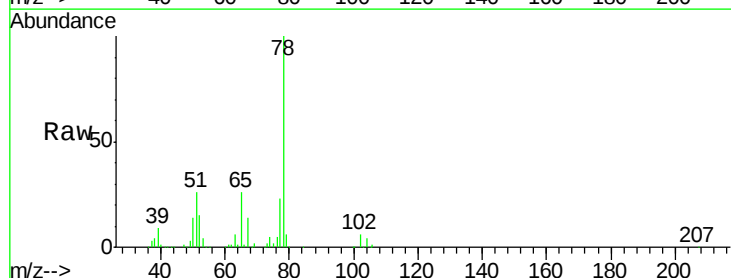
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

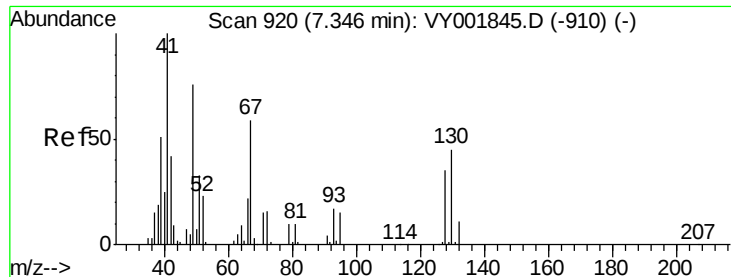
Tgt Ion: 83 Resp: 74967
Ion Ratio Lower Upper
83 100
55 75.9 59.4 89.0
98 48.4 38.9 58.3



#40
Benzene
Concen: 21.83 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 78 Resp: 175155
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





#41

Methacrylonitrile

Concen: 71.45 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tgt Ion: 41 Resp: 50585

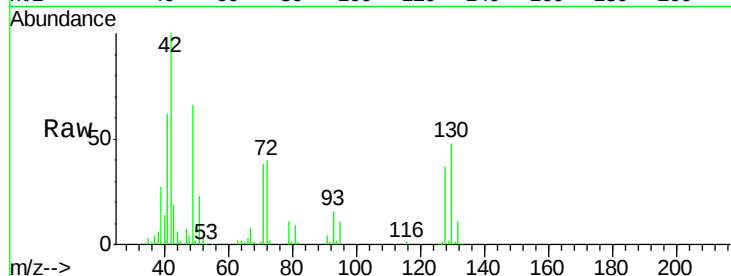
Ion Ratio Lower Upper

41 100

39 44.8 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

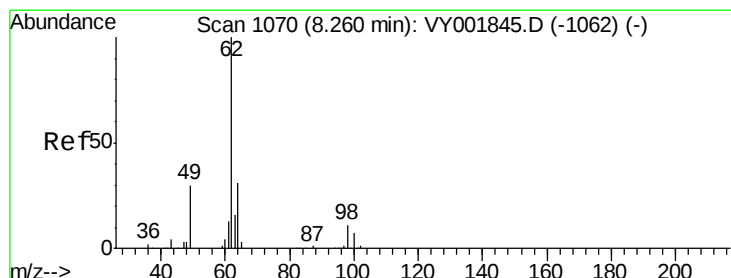
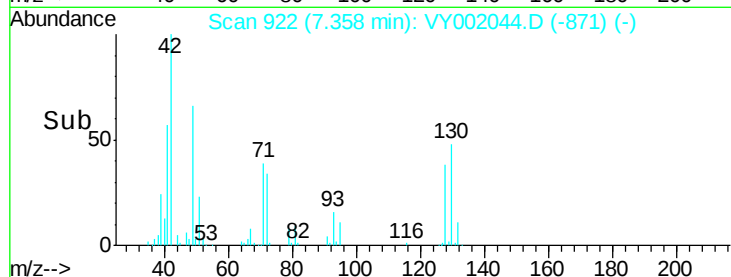
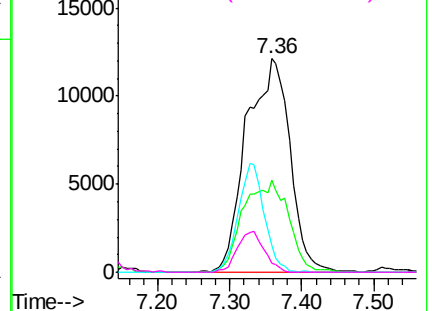


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 23.11 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY002044.D

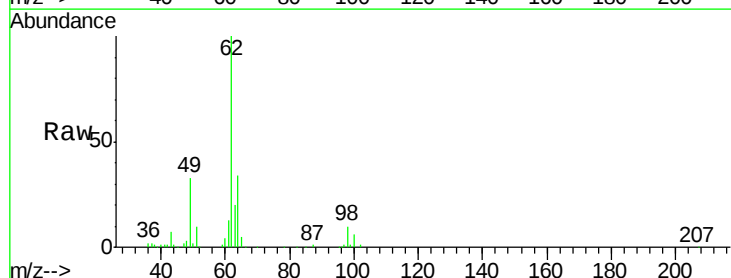
Acq: 24 Mar 2020 12:50

Tgt Ion: 62 Resp: 47779

Ion Ratio Lower Upper

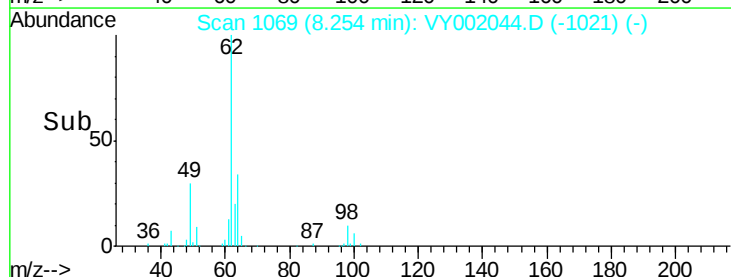
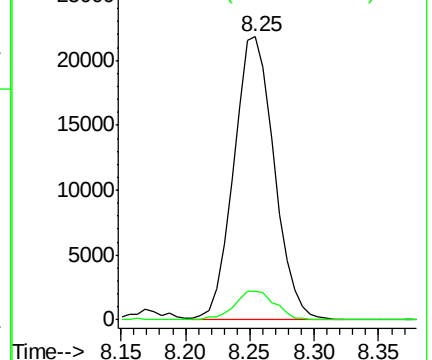
62 100

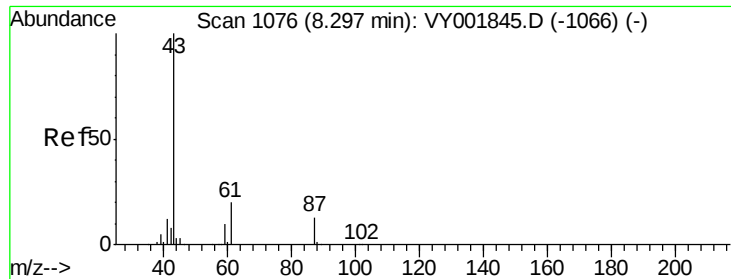
98 10.2 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

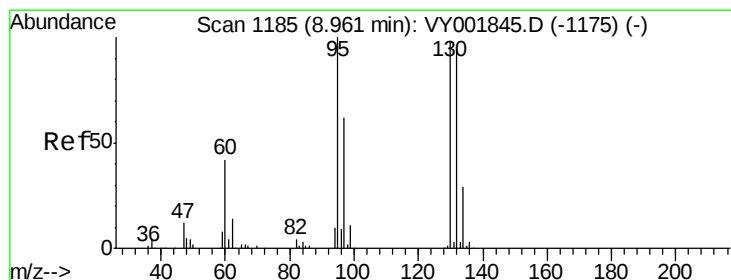
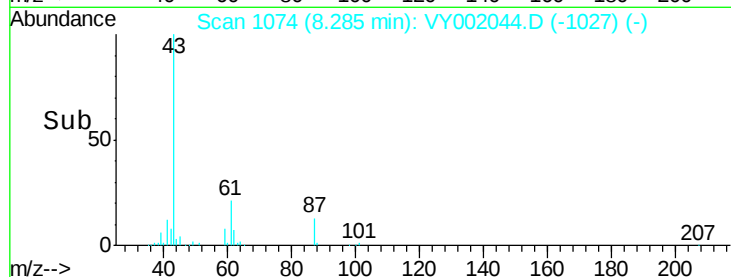
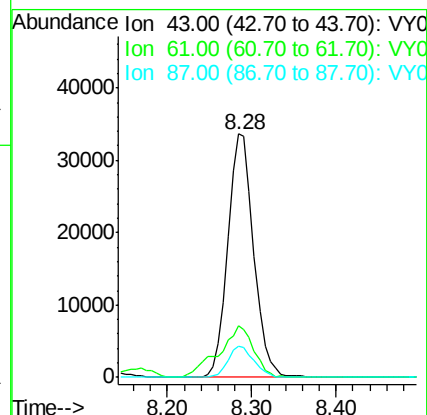
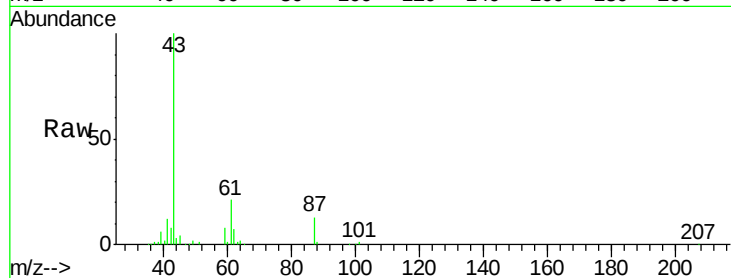




#43
Isopropyl Acetate
Concen: 23.76 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

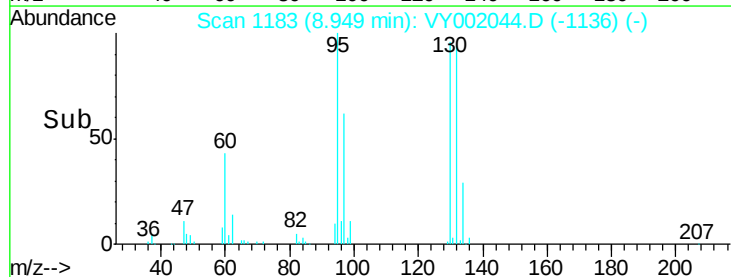
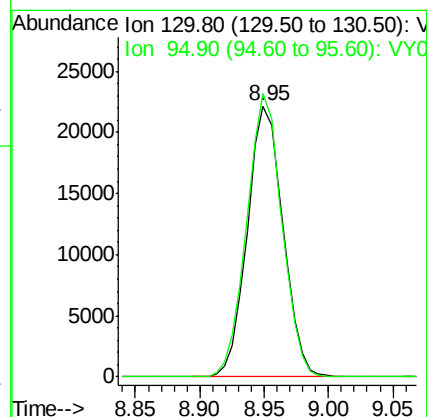
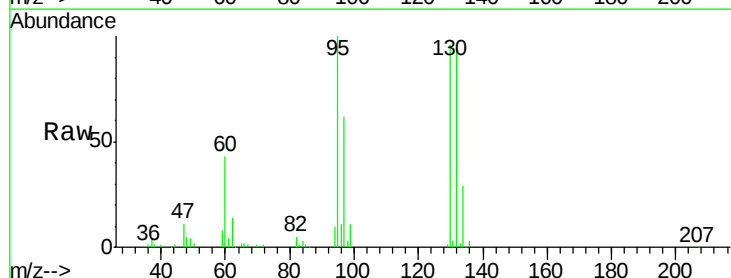
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

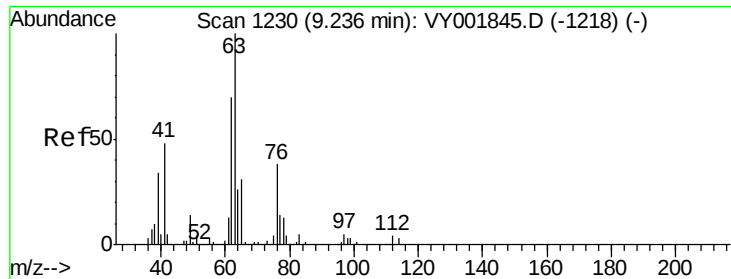
Tgt Ion: 43 Resp: 70779
Ion Ratio Lower Upper
43 100
61 28.6 23.8 35.6
87 12.7 10.9 16.3



#44
Trichloroethene
Concen: 21.66 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 130 Resp: 42318
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.6

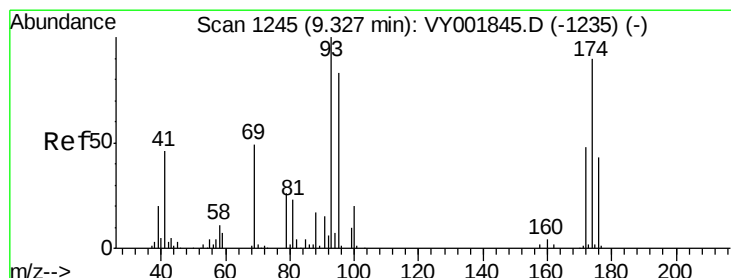
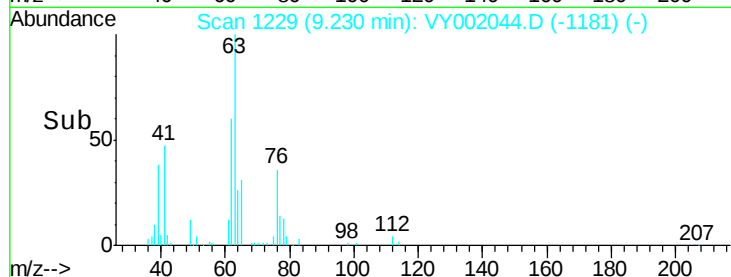
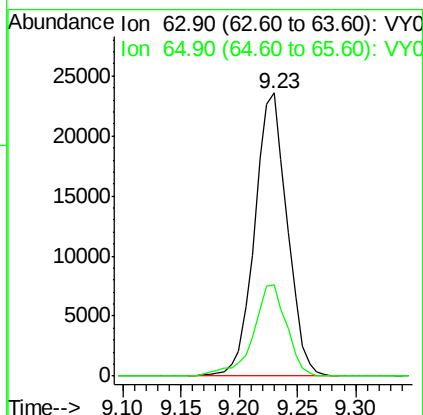
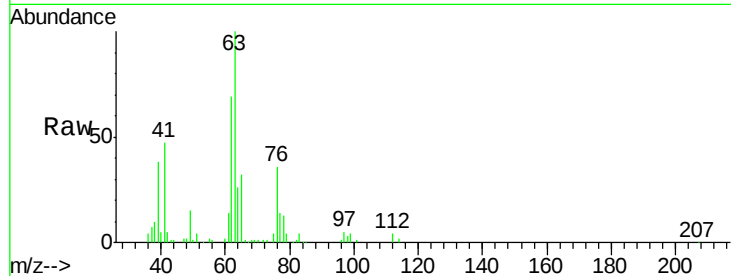




#45
 1,2-Dichloropropane
 Concen: 22.61 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

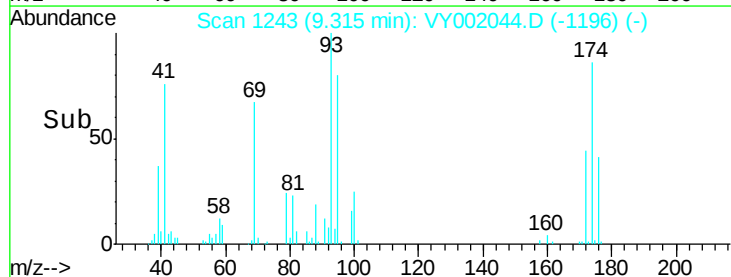
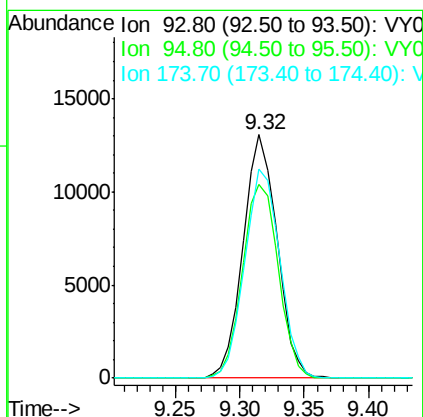
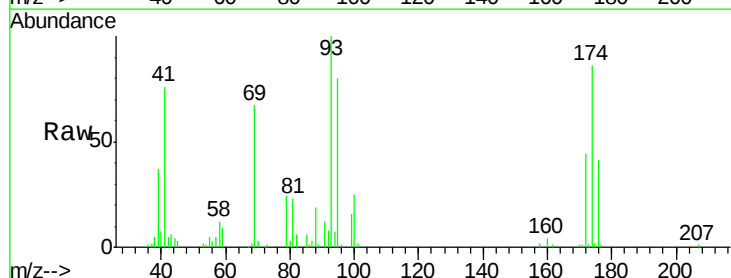
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

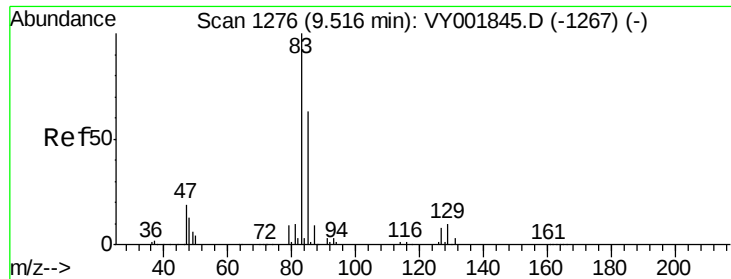
Tgt Ion: 63 Resp: 45602
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.9 37.3



#46
 Dibromomethane
 Concen: 23.01 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 93 Resp: 23912
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.4
 174 88.6 71.8 107.8

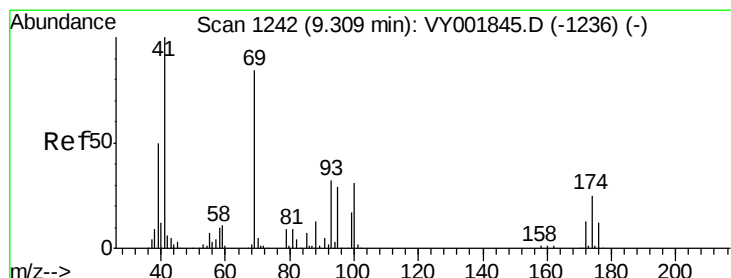
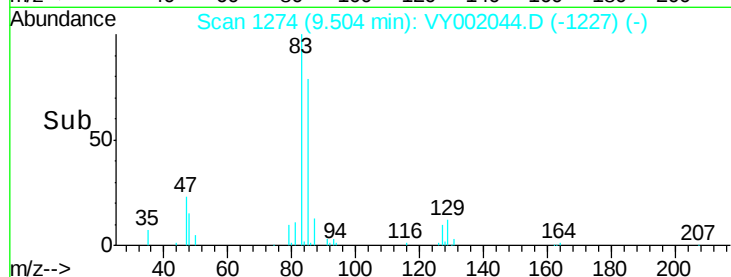
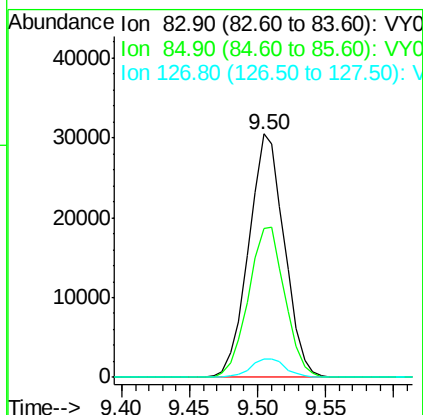
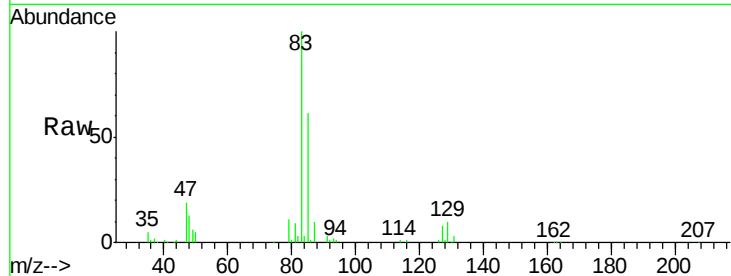




#47
 Bromodichloromethane
 Concen: 23.18 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

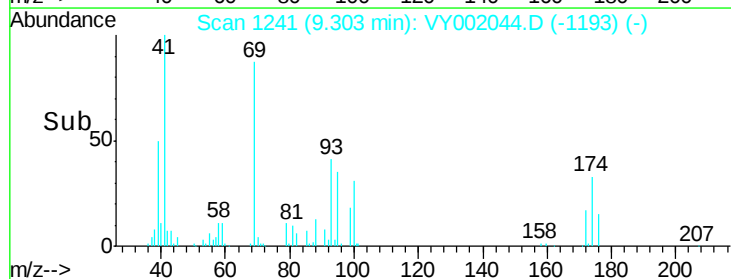
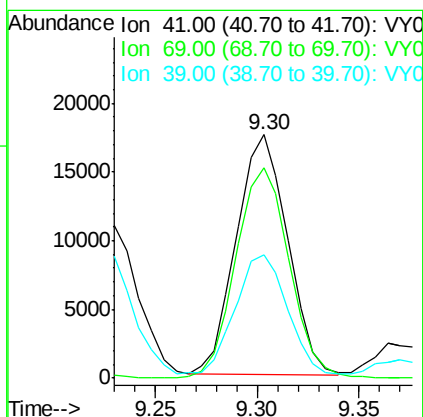
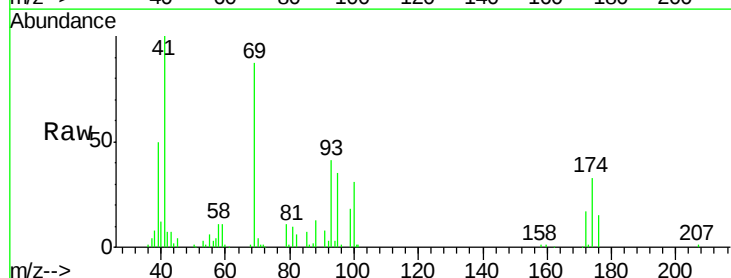
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

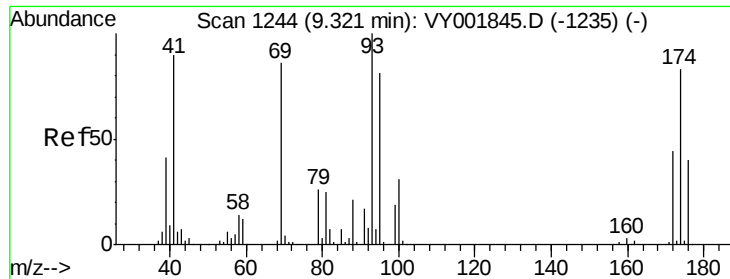
Tgt Ion: 83 Resp: 56034
 Ion Ratio Lower Upper
 83 100
 85 61.1 50.6 76.0
 127 7.6 6.2 9.4



#48
 Methyl methacrylate
 Concen: 23.09 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 41 Resp: 30514
 Ion Ratio Lower Upper
 41 100
 69 91.5 69.0 103.6
 39 53.9 39.1 58.7





#49

1,4-Dioxane

Concen: 462.66 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

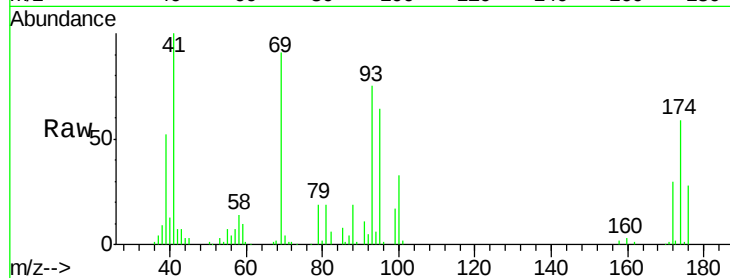
Tgt Ion: 88 Resp: 6589

Ion Ratio Lower Upper

88 100

43 37.1 25.0 37.6

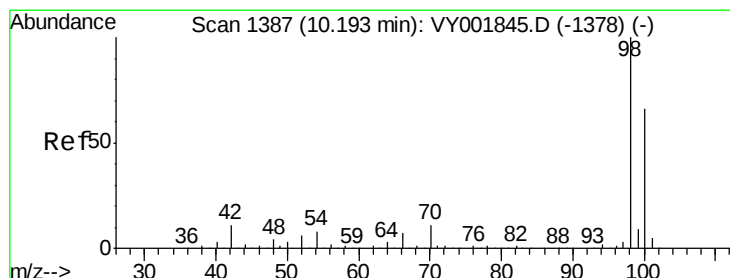
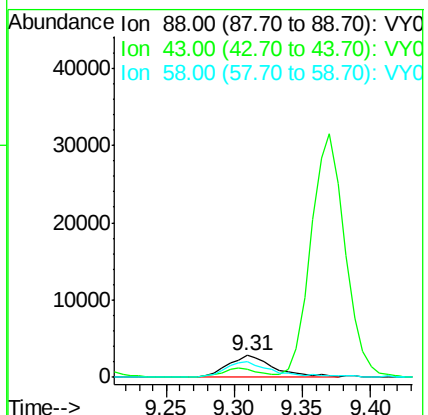
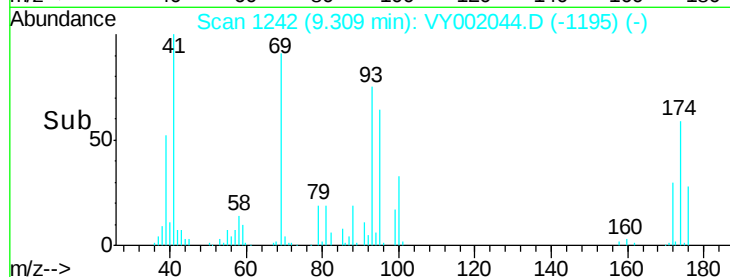
58 79.7 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 53.05 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002044.D

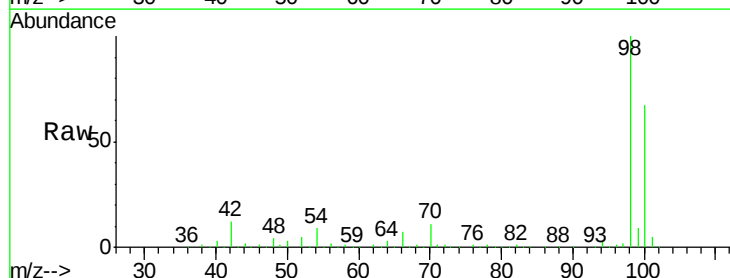
Acq: 24 Mar 2020 12:50

Tgt Ion: 98 Resp: 343614

Ion Ratio Lower Upper

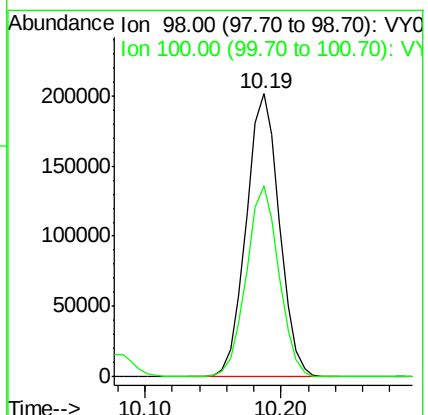
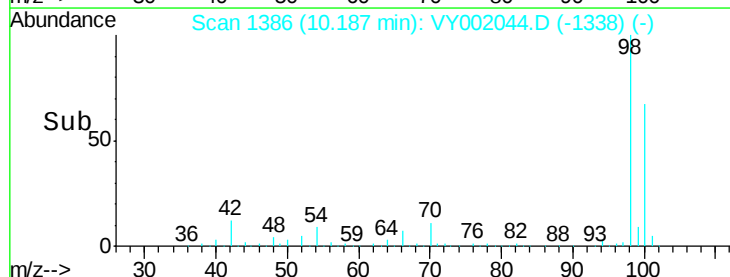
98 100

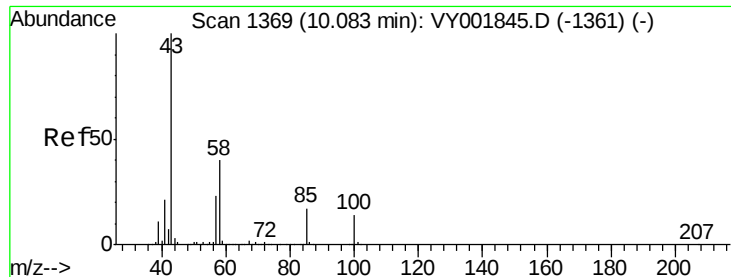
100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

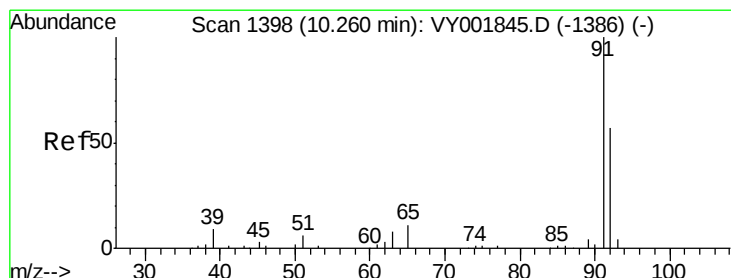
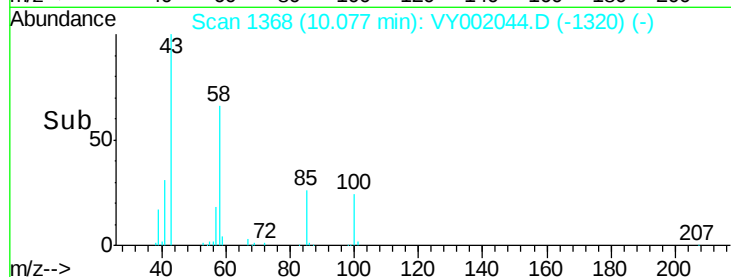
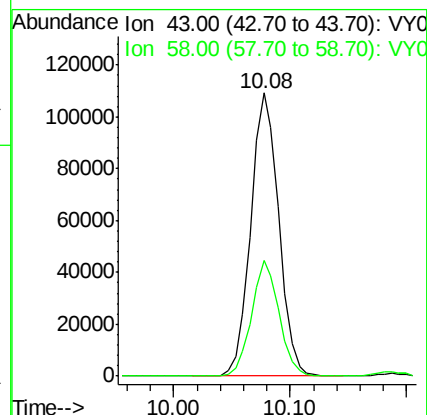
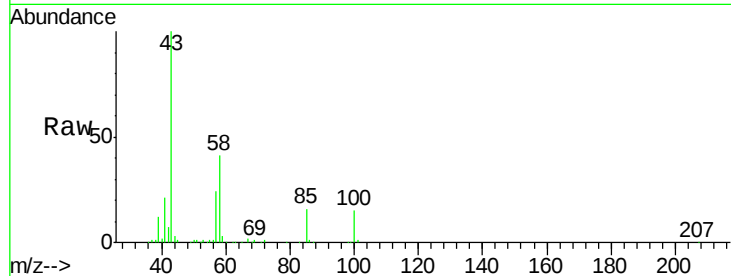




#51
 4-Methyl-2-Pentanone
 Concen: 119.17 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

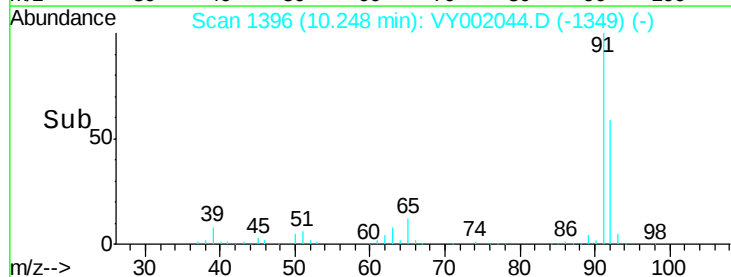
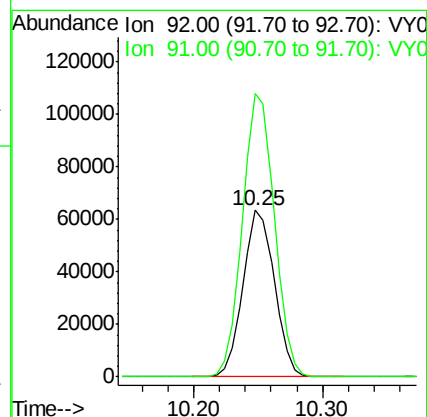
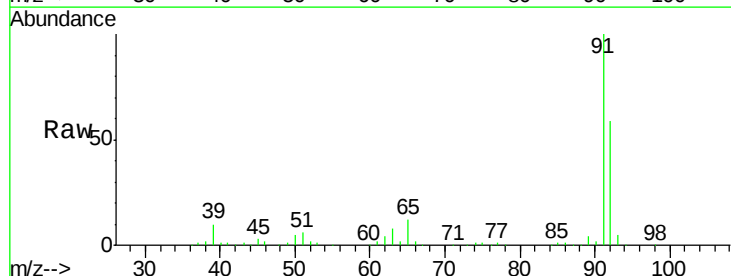
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

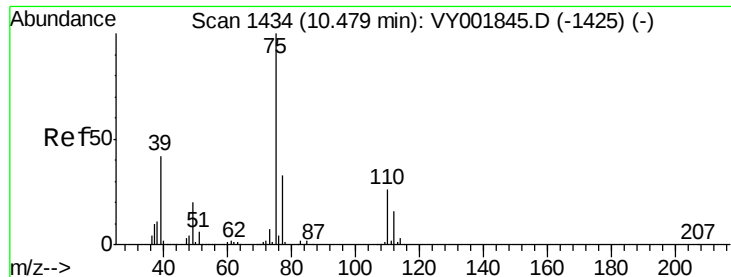
Tgt Ion: 43 Resp: 182832
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.0 48.0



#52
 Toluene
 Concen: 22.00 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 92 Resp: 107239
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 23.42 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

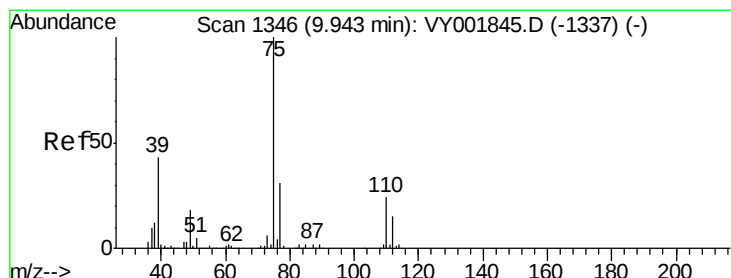
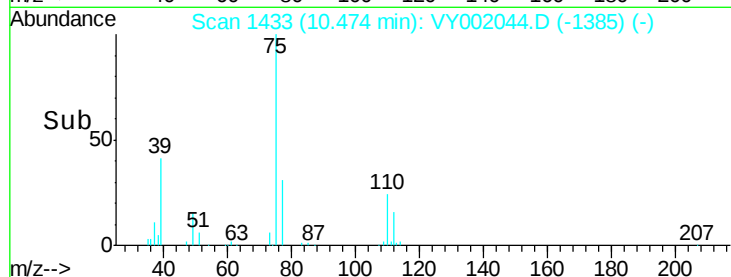
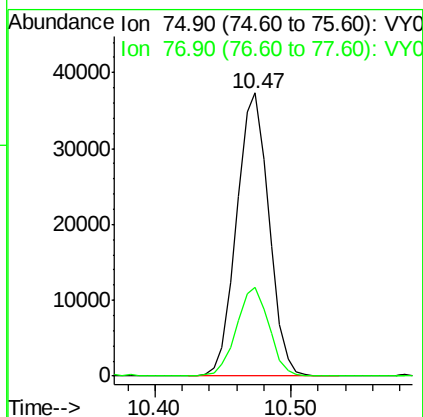
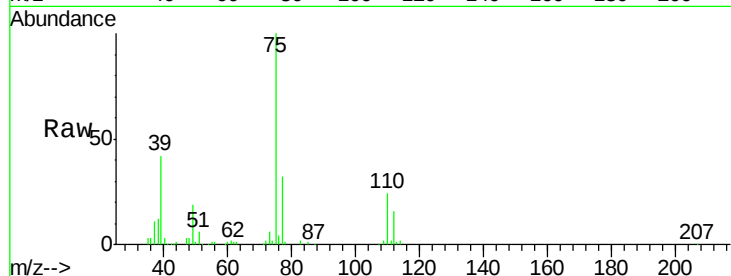
VY0324SBS01

Tgt Ion: 75 Resp: 61679

Ion Ratio Lower Upper

75 100

77 31.6 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 22.71 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

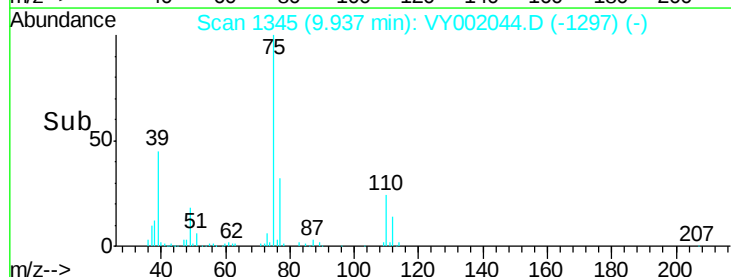
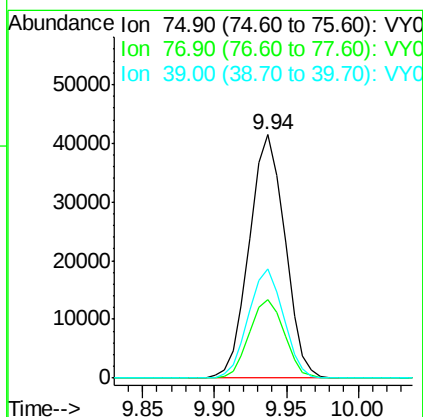
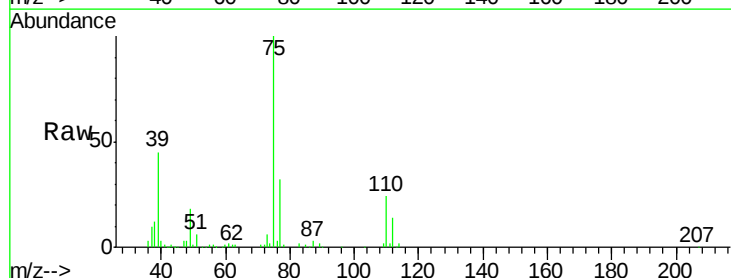
Tgt Ion: 75 Resp: 71221

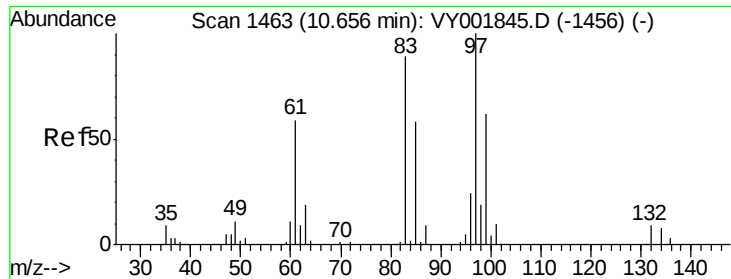
Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

39 45.1 34.7 52.1

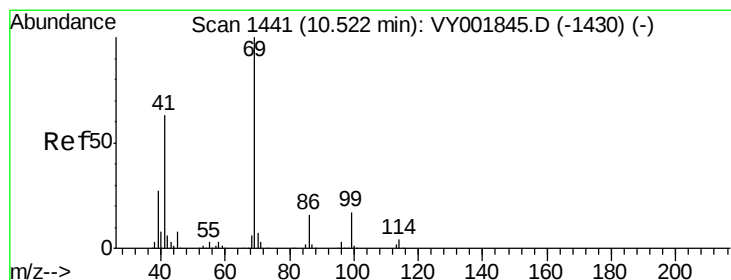
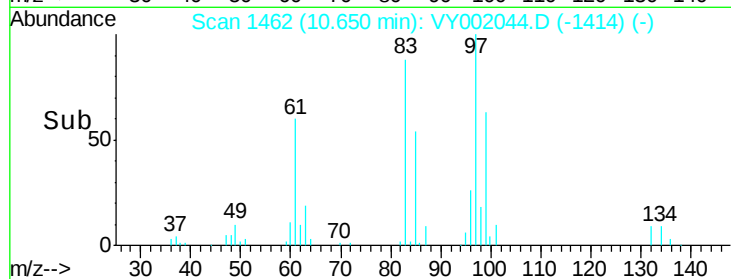
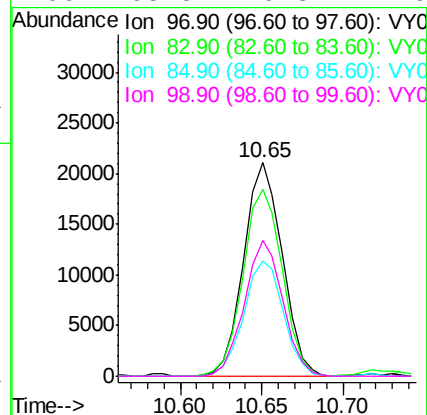
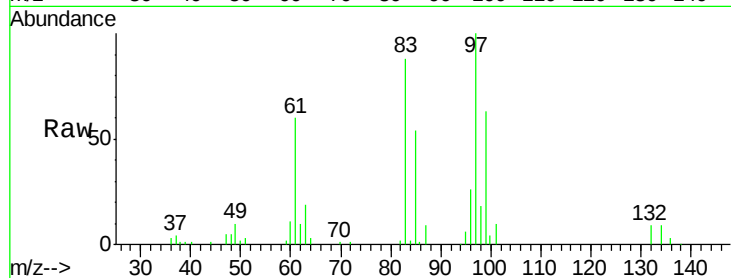




#55
 1,1,2-Trichloroethane
 Concen: 22.85 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

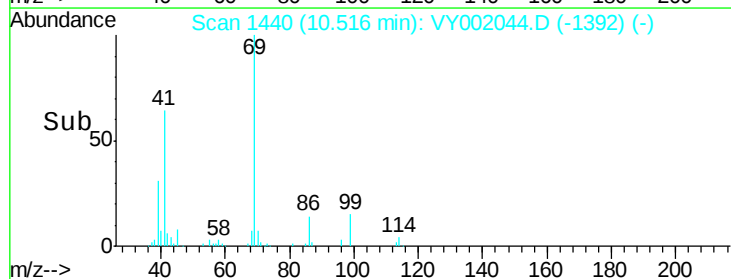
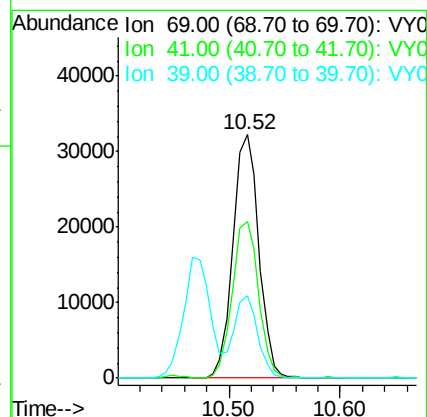
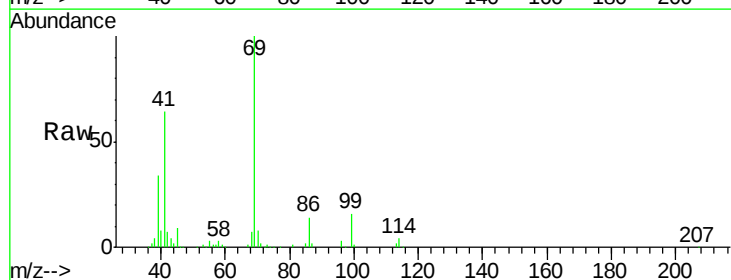
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

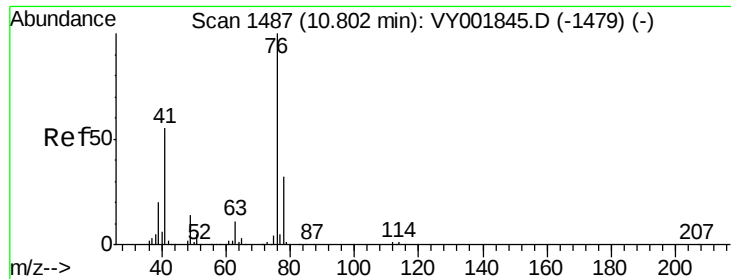
Tgt Ion: 97 Resp: 34757
 Ion Ratio Lower Upper
 97 100
 83 87.6 71.6 107.4
 85 54.1 46.6 69.8
 99 63.3 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 23.29 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 69 Resp: 51926
 Ion Ratio Lower Upper
 69 100
 41 64.5 49.9 74.9
 39 32.2 23.0 34.6

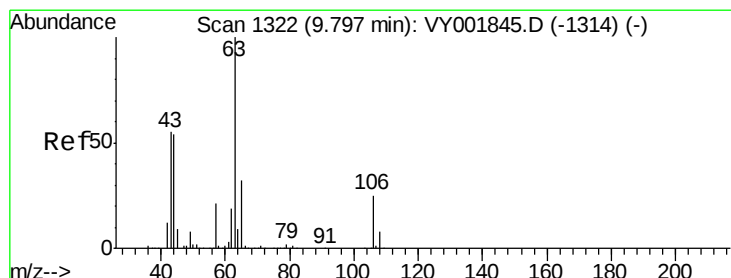
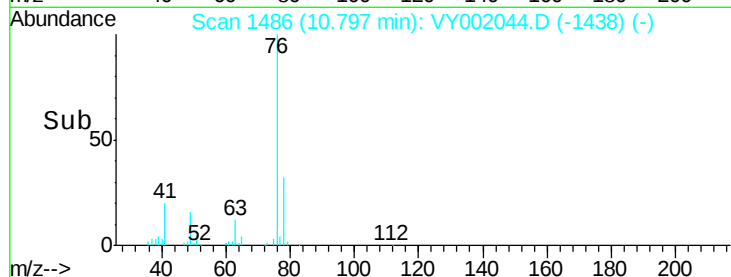
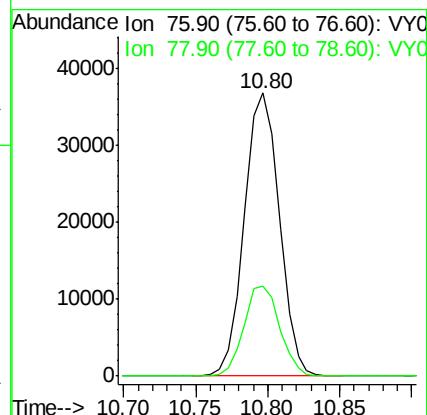
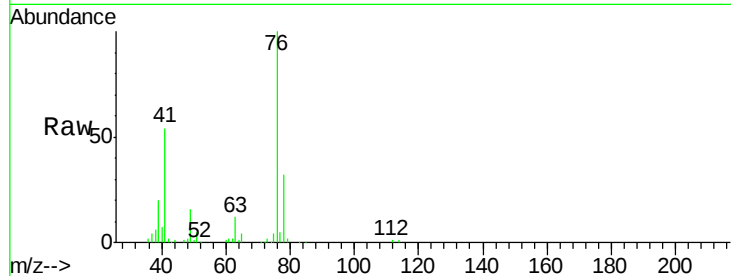




#57
 1,3-Dichloropropane
 Concen: 22.90 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

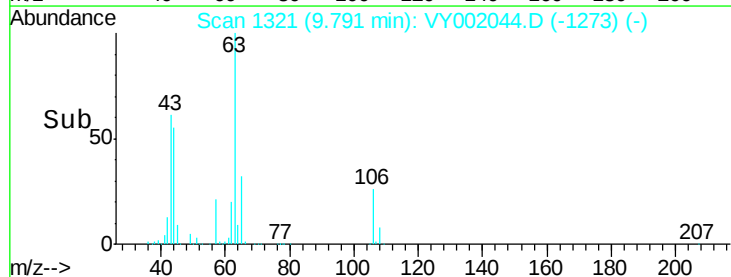
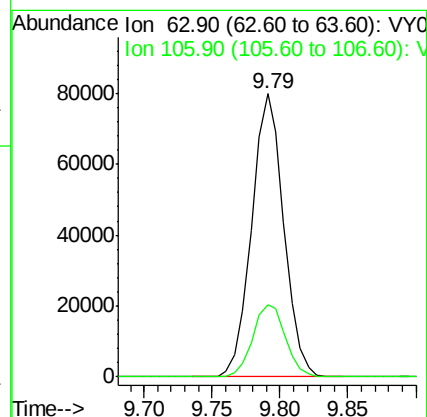
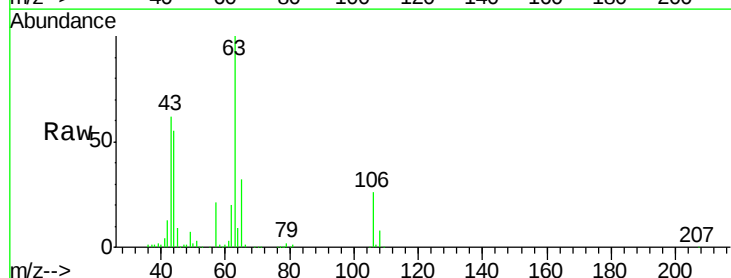
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

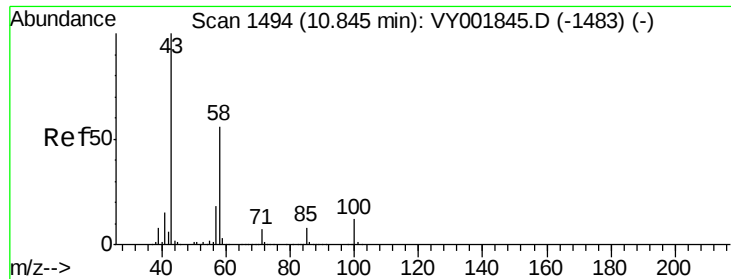
Tgt Ion: 76 Resp: 62088
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 157.19 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 63 Resp: 131816
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.3 31.9

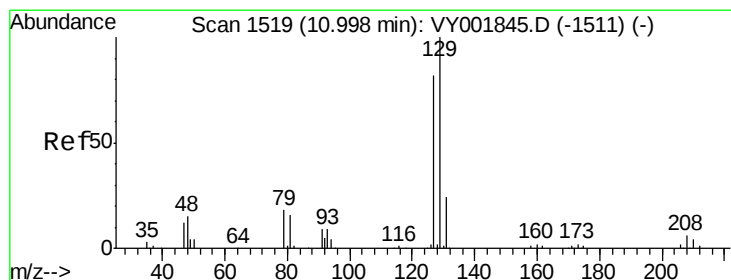
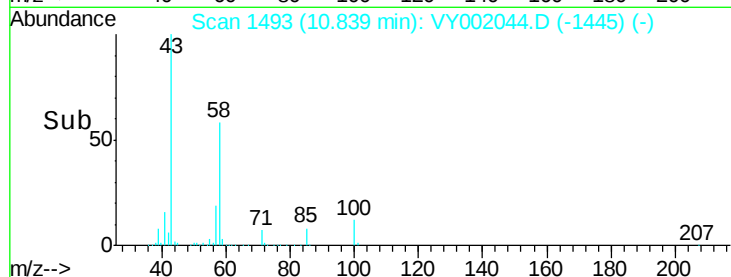
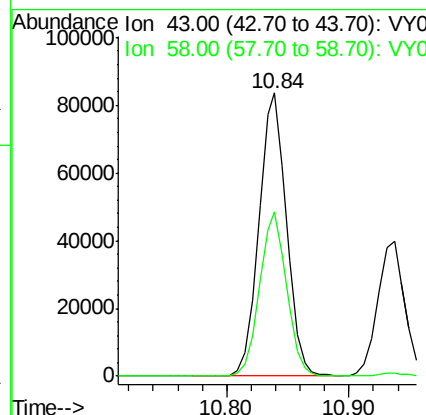
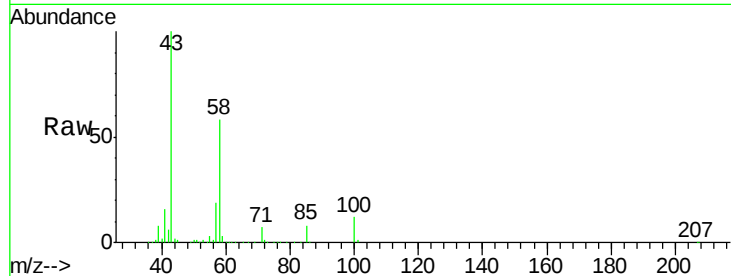




#59
2-Hexanone
Concen: 119.82 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

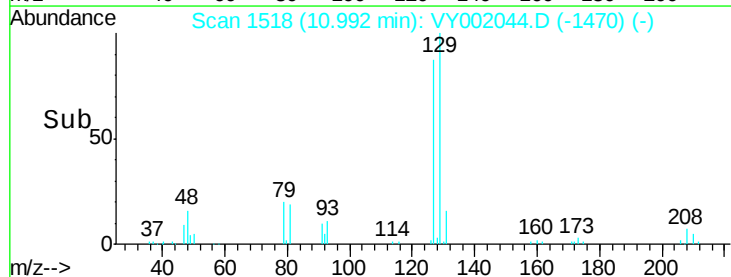
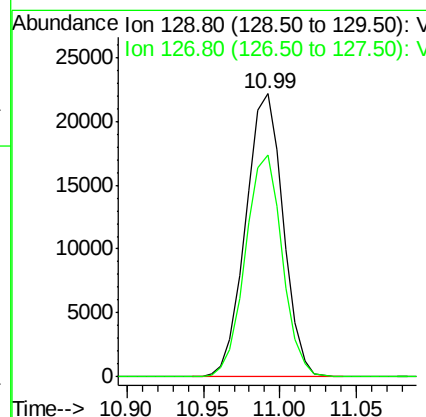
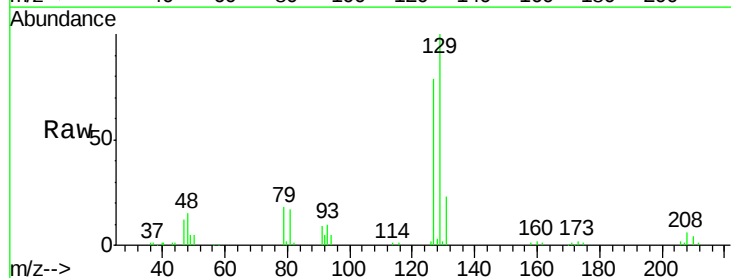
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion: 43 Resp: 131207
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3



#60
Dibromochloromethane
Concen: 23.49 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 129 Resp: 37653
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

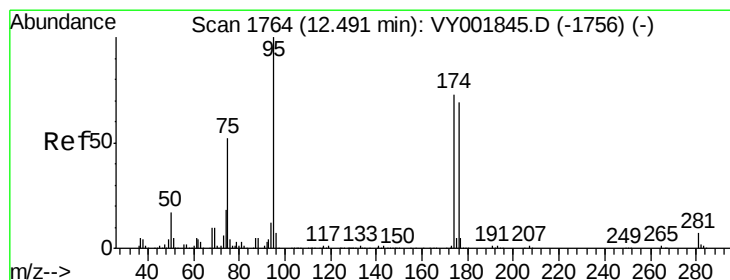
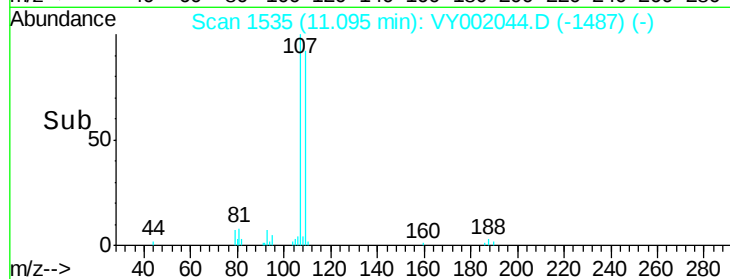
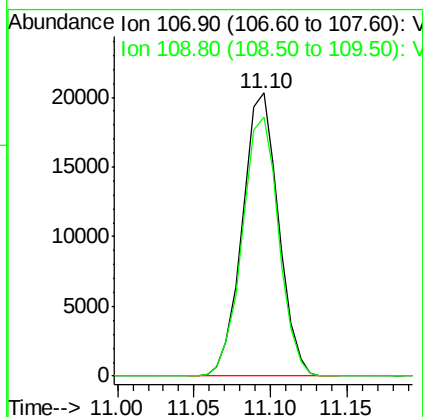
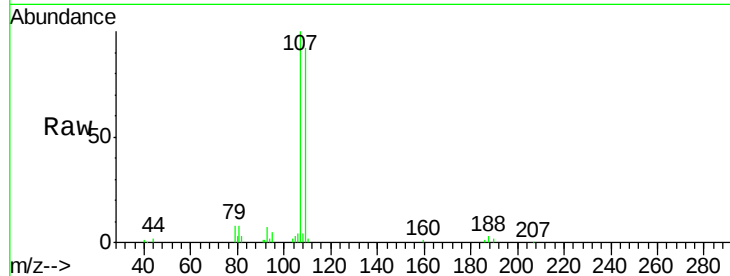




#61
 1,2-Dibromoethane
 Concen: 23.21 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

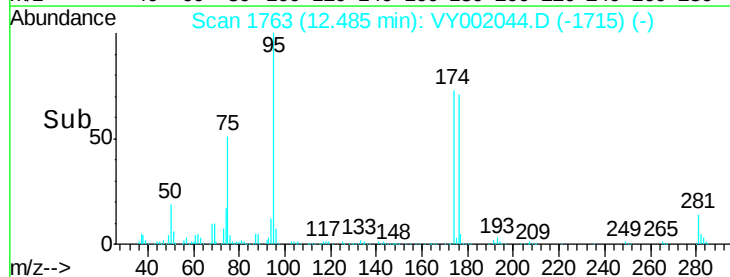
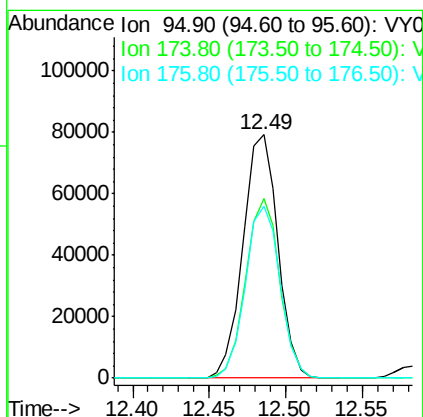
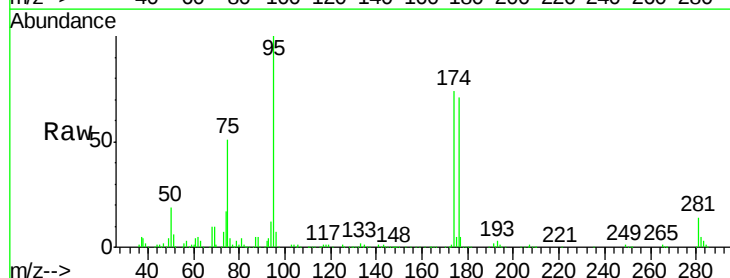
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tgt Ion: 107 Resp: 33448
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 55.83 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 95 Resp: 125737
 Ion Ratio Lower Upper
 95 100
 174 72.1 0.0 145.0
 176 70.1 0.0 137.4

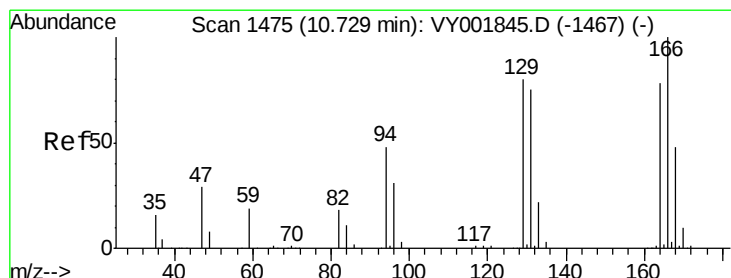
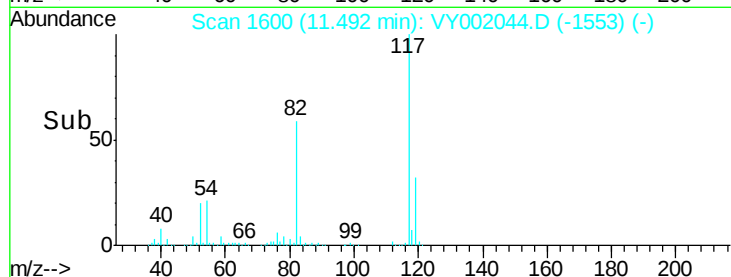
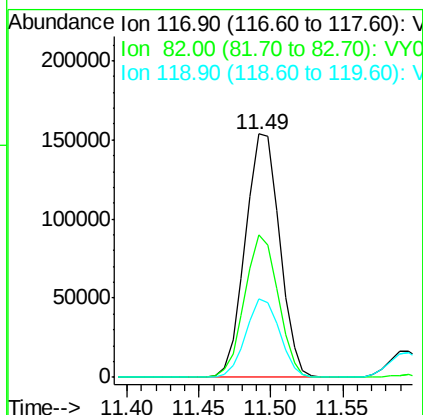
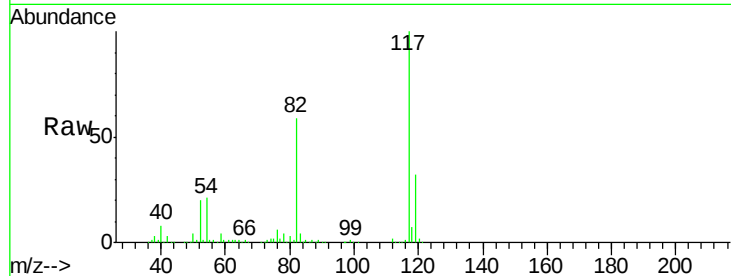




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

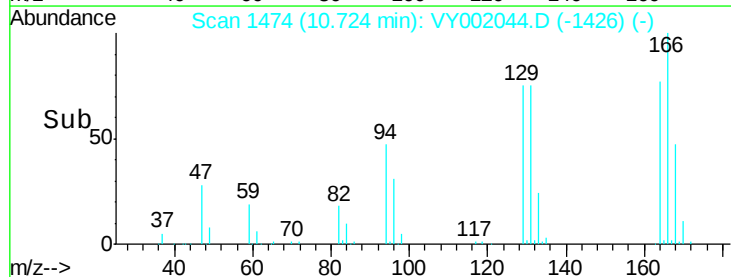
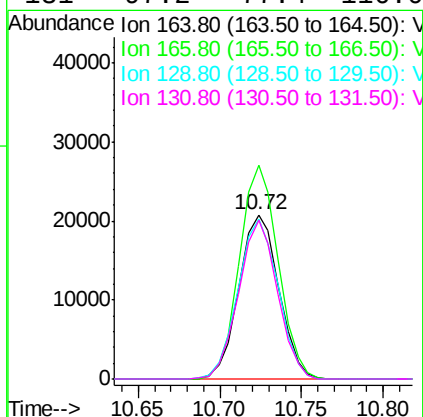
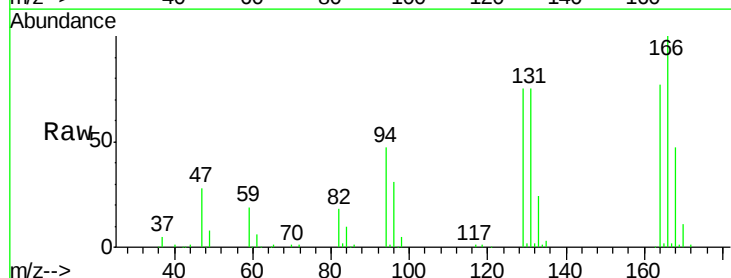
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

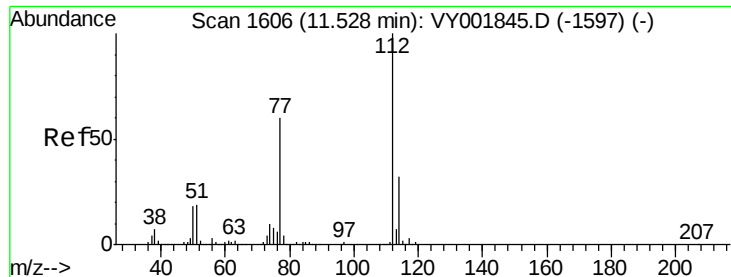
Tgt Ion:117 Resp: 254265
Ion Ratio Lower Upper
117 100
82 58.5 44.5 66.7
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 22.25 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion:164 Resp: 35480
Ion Ratio Lower Upper
164 100
166 130.3 102.6 154.0
129 97.8 82.3 123.5
131 97.2 77.4 116.0

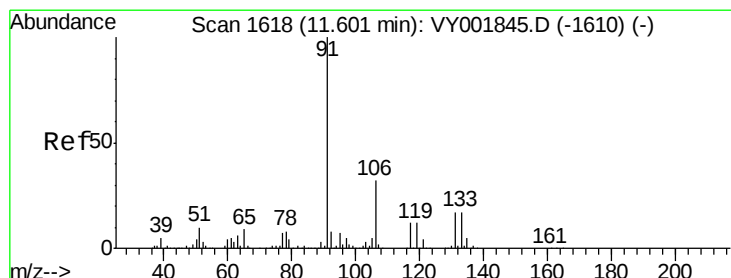
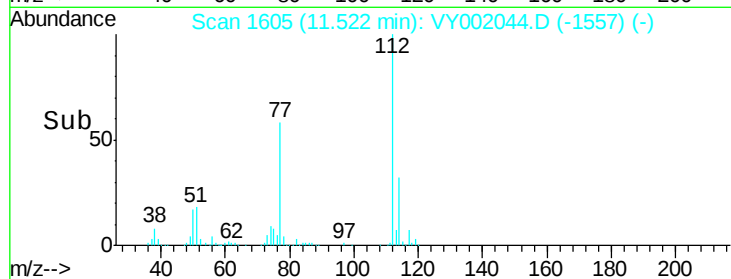
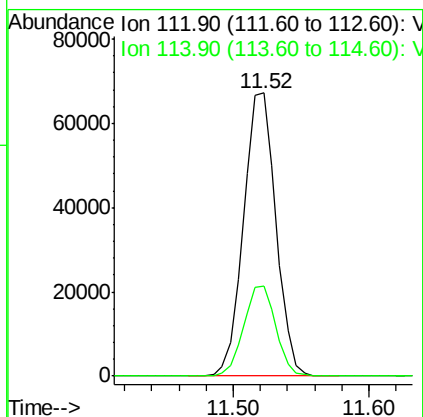
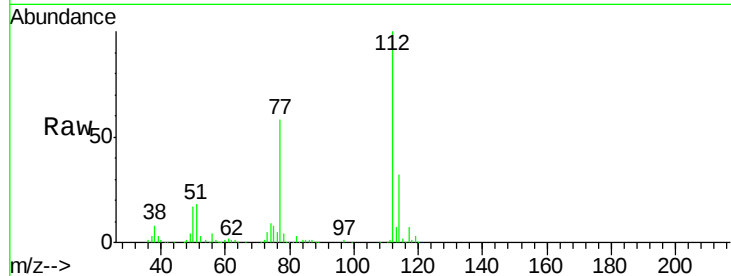




#65
Chlorobenzene
Concen: 22.11 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

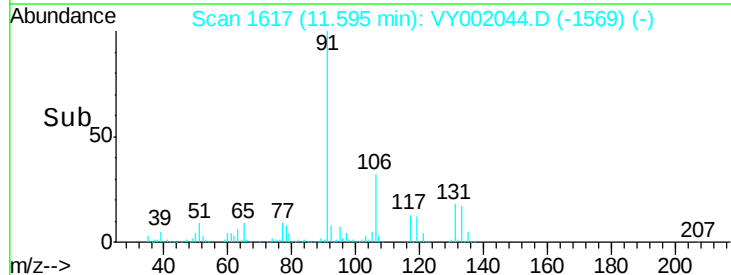
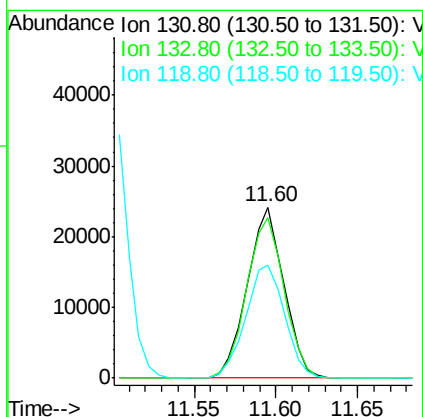
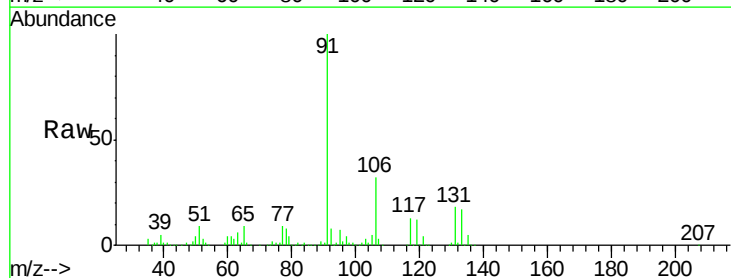
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

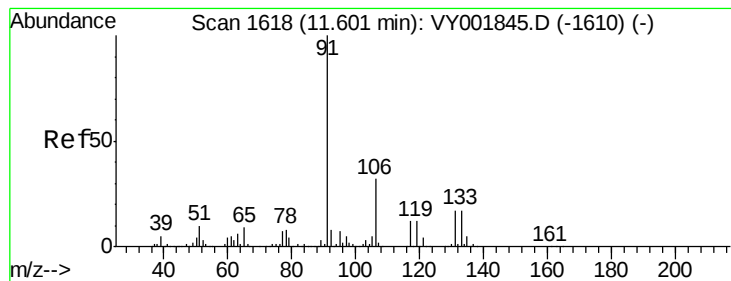
Tgt Ion:112 Resp: 112032
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.77 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion:131 Resp: 37823
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.3
119 70.1 34.5 103.6





#67

Ethyl Benzene

Concen: 21.92 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

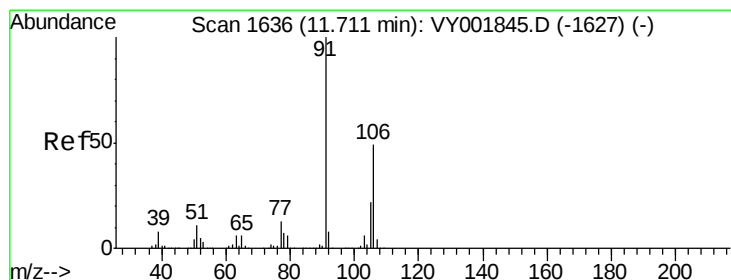
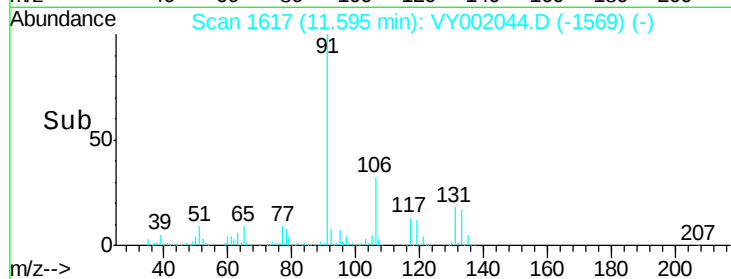
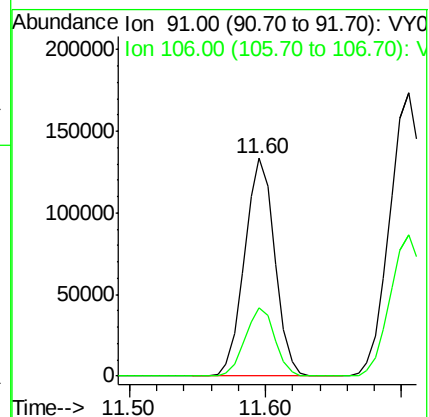
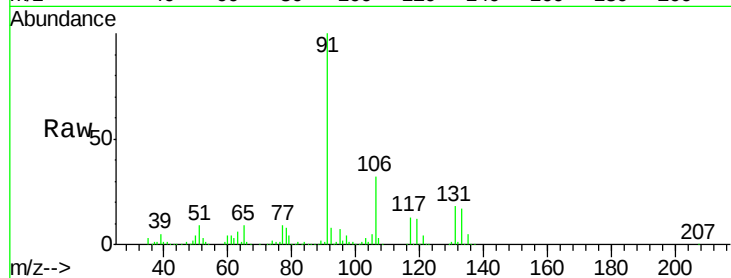
VY0324SBS01

Tgt Ion: 91 Resp: 207090

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.2



#68

m/p-Xylenes

Concen: 44.40 ug/l

RT: 11.71 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002044.D

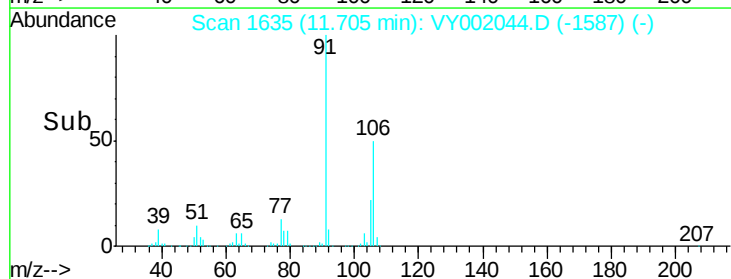
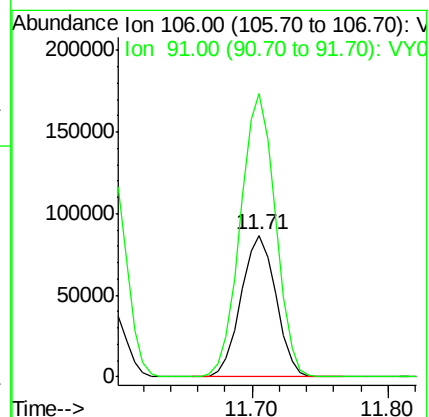
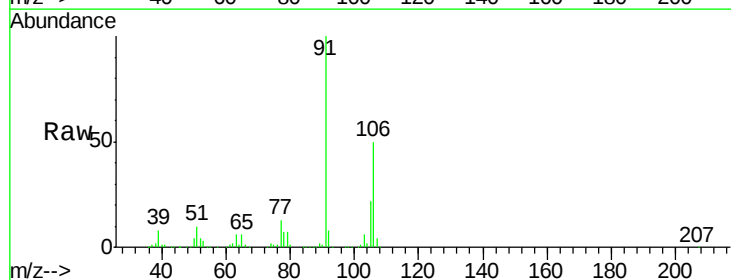
Acq: 24 Mar 2020 12:50

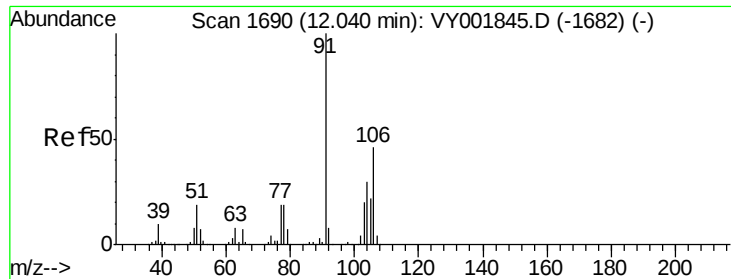
Tgt Ion: 106 Resp: 155106

Ion Ratio Lower Upper

106 100

91 201.1 161.3 241.9

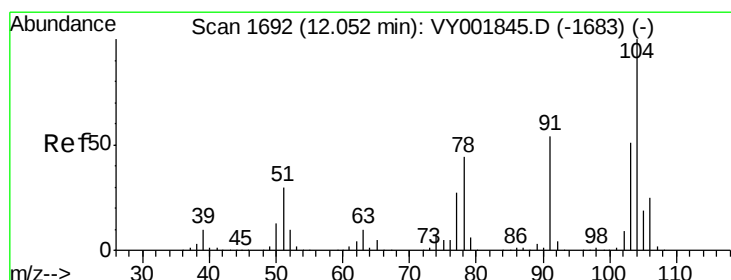
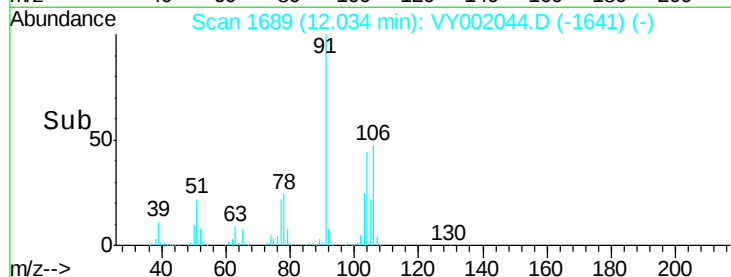
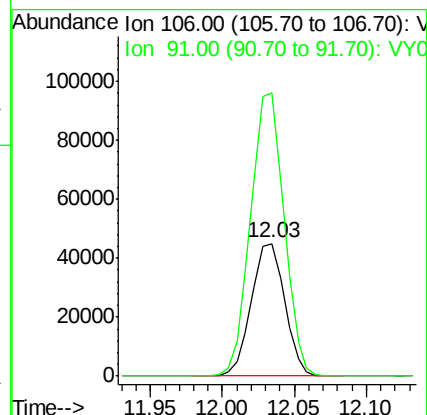
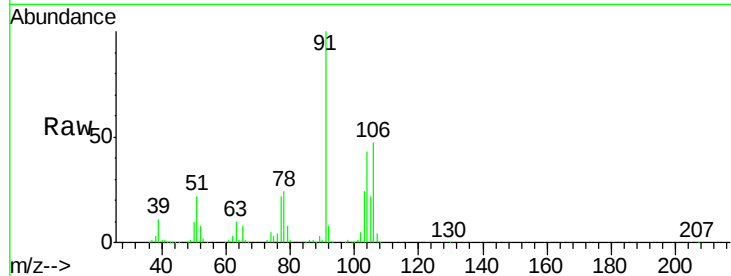




#69
o-Xylene
Concen: 21.94 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

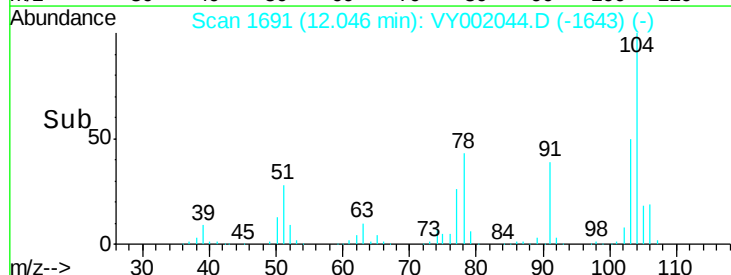
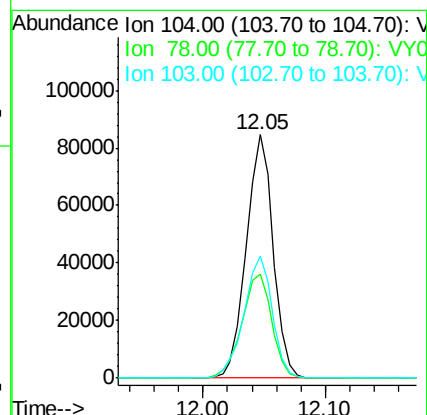
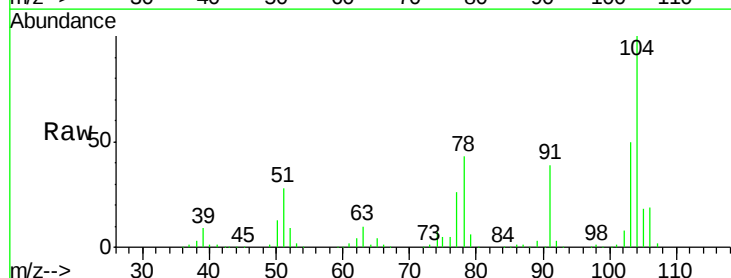
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion:106 Resp: 72235
Ion Ratio Lower Upper
106 100
91 213.5 106.8 320.4



#70
Styrene
Concen: 22.76 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion:104 Resp: 128371
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 53.2 42.9 64.3





#71

Bromoform

Concen: 23.48 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

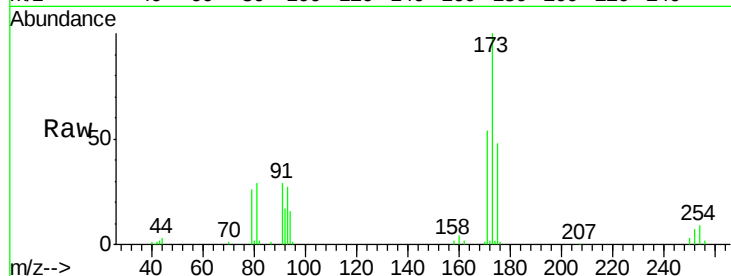
Tgt Ion:173 Resp: 21160

Ion Ratio Lower Upper

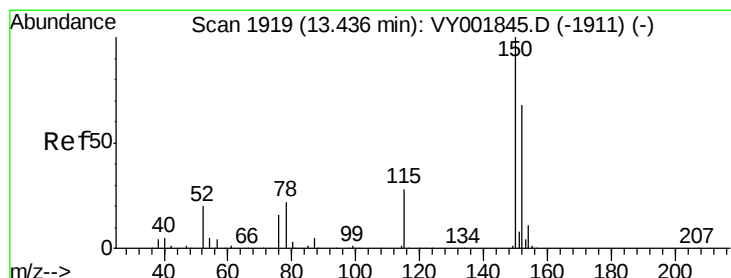
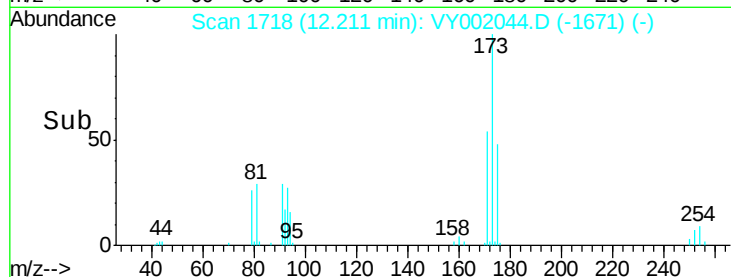
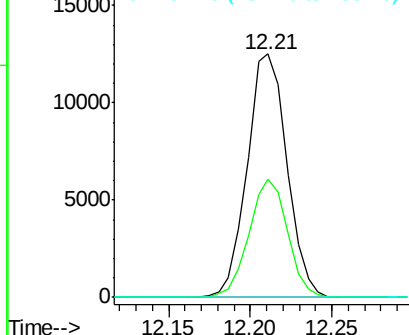
173 100

175 46.9 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

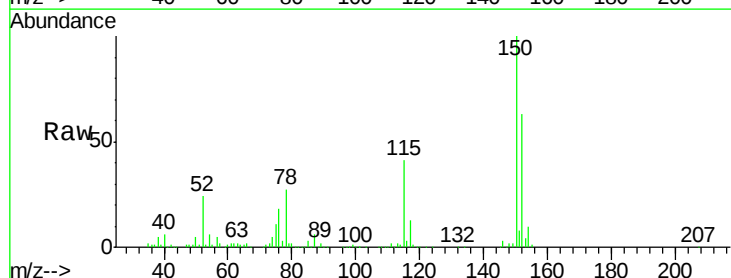
Tgt Ion:152 Resp: 120536

Ion Ratio Lower Upper

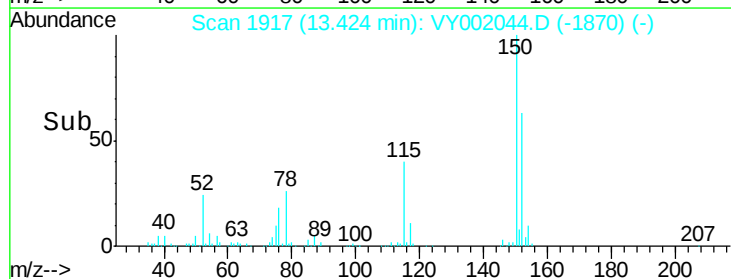
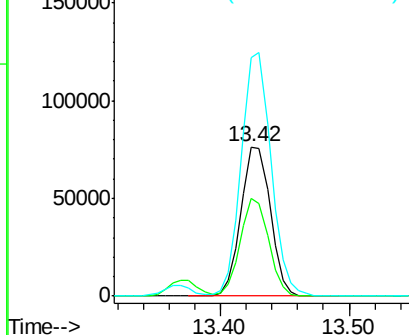
152 100

115 63.2 29.9 89.7

150 166.0 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.37 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

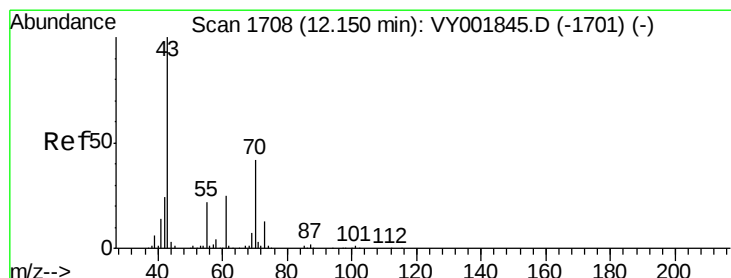
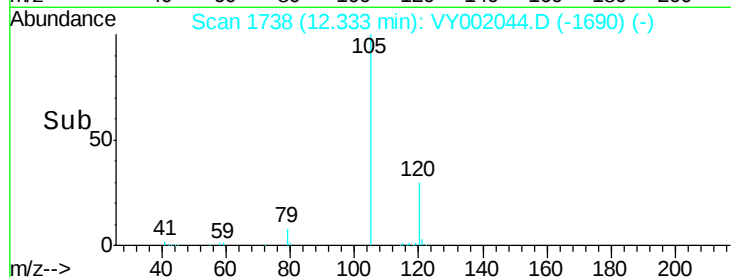
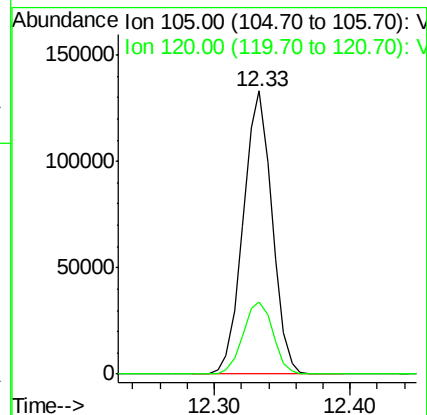
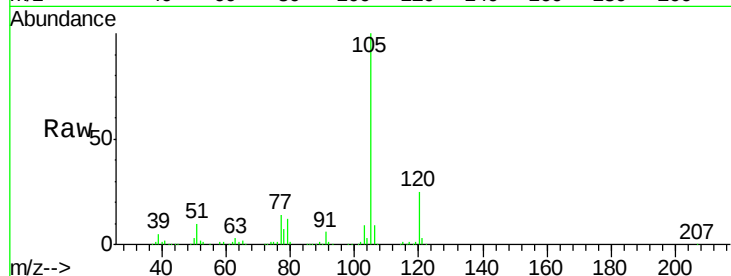
VY0324SBS01

Tgt Ion: 105 Resp: 196666

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 22.48 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Tgt Ion: 43 Resp: 63581

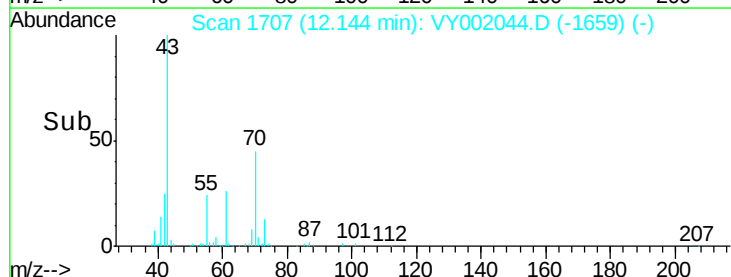
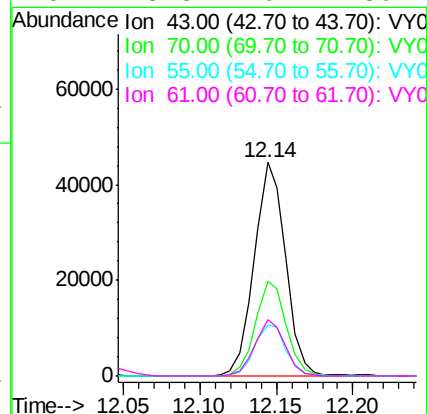
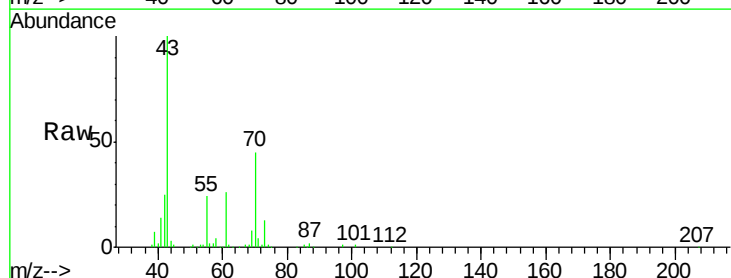
Ion Ratio Lower Upper

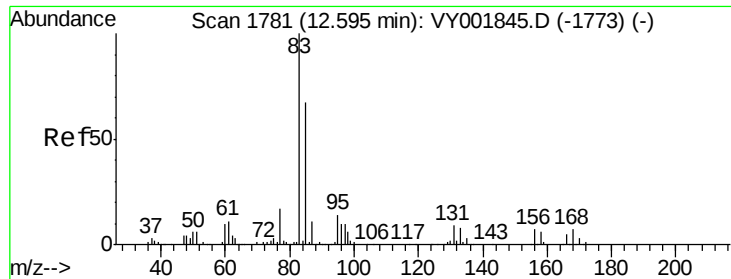
43 100

70 43.4 34.7 52.1

55 24.1 18.2 27.4

61 25.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.39 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

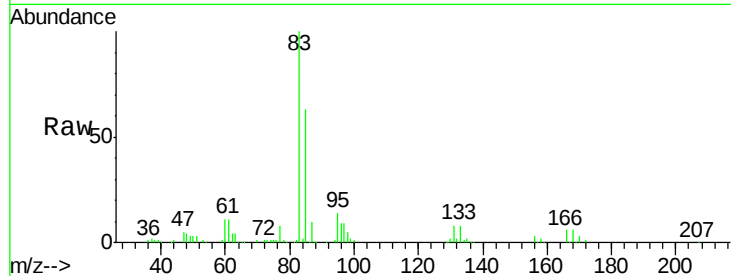
Tgt Ion: 83 Resp: 44431

Ion Ratio Lower Upper

83 100

131 9.7 4.6 13.8

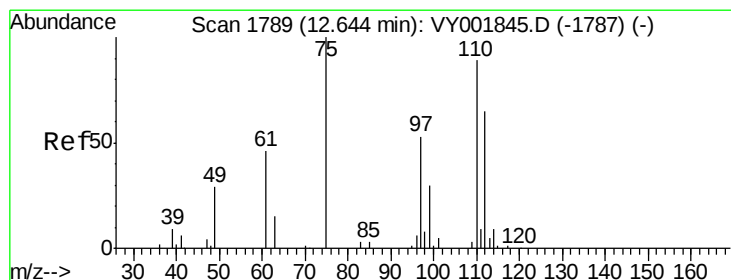
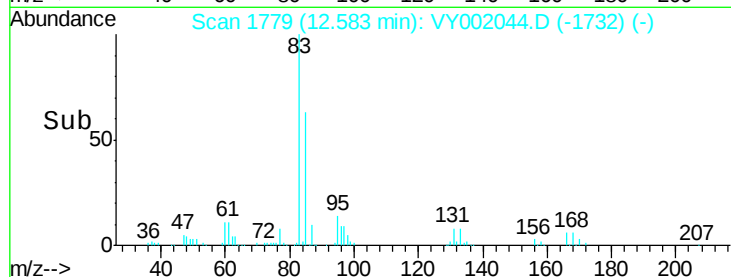
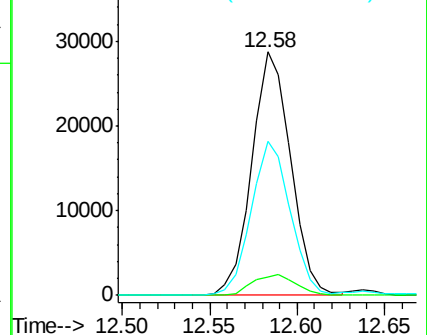
85 63.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 39.94 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002044.D

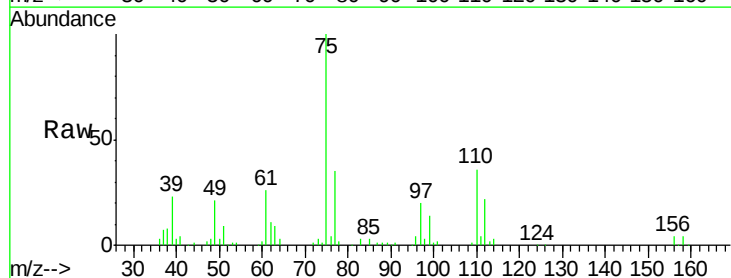
Acq: 24 Mar 2020 12:50

Tgt Ion: 75 Resp: 57129

Ion Ratio Lower Upper

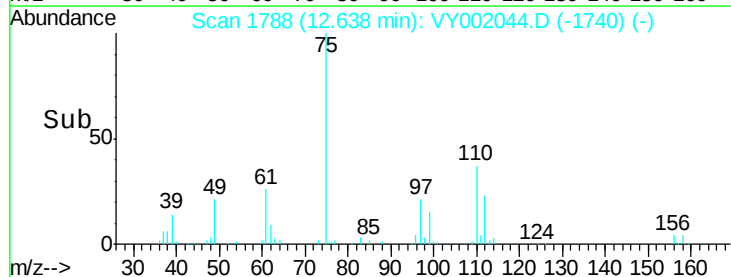
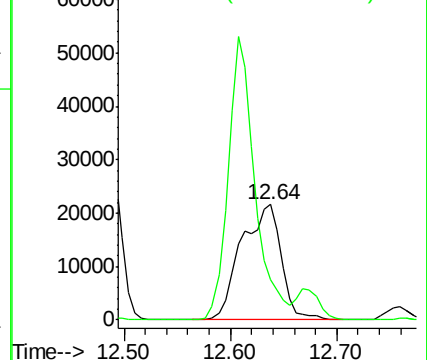
75 100

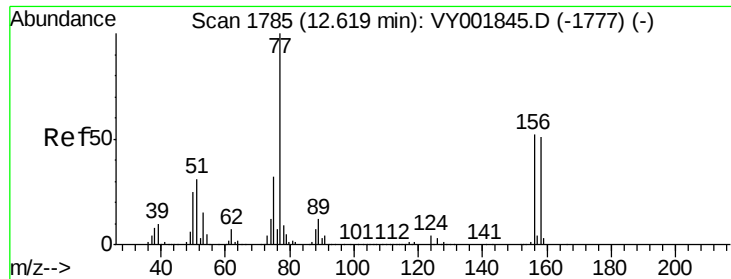
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.79 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

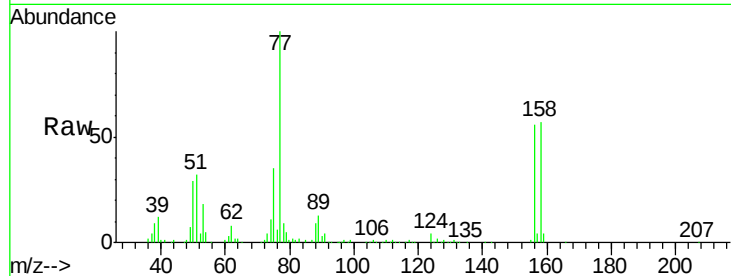
Tgt Ion:156 Resp: 42477

Ion Ratio Lower Upper

156 100

77 218.2 109.0 327.0

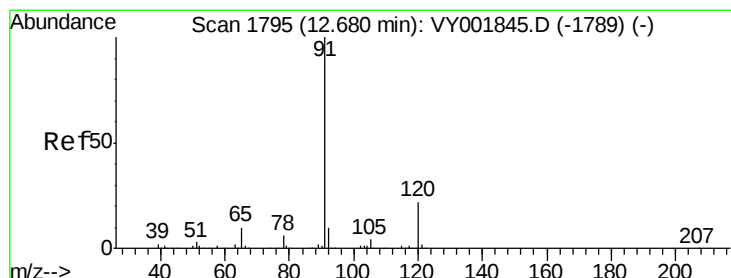
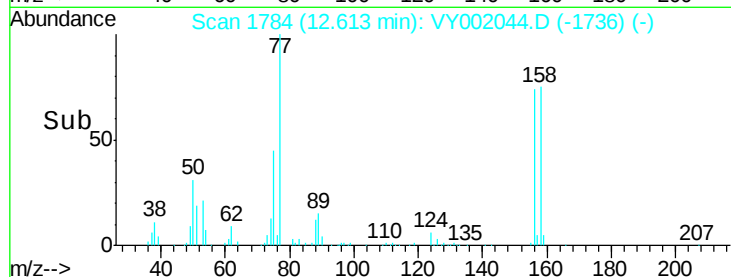
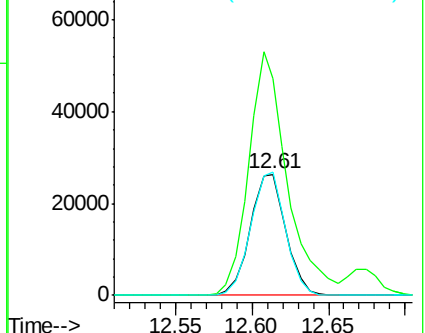
158 99.7 48.9 146.8



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: 21.57 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002044.D

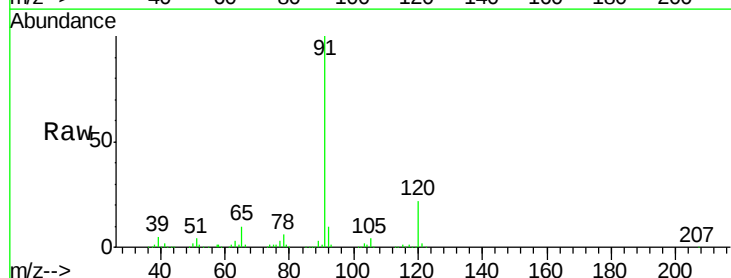
Acq: 24 Mar 2020 12:50

Tgt Ion: 91 Resp: 244885

Ion Ratio Lower Upper

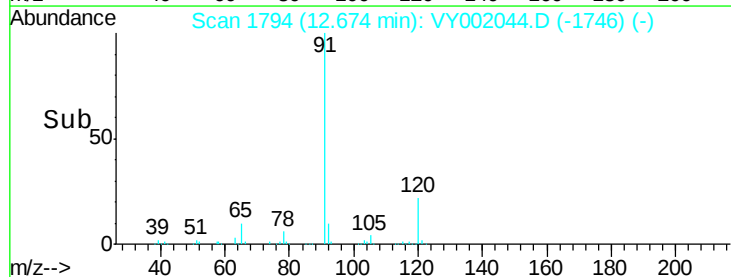
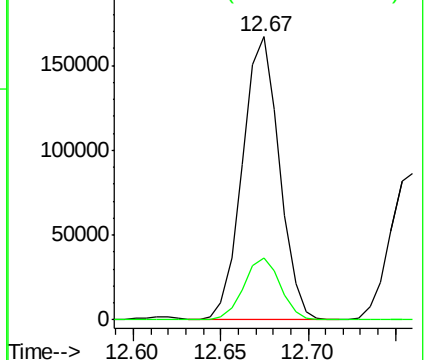
91 100

120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

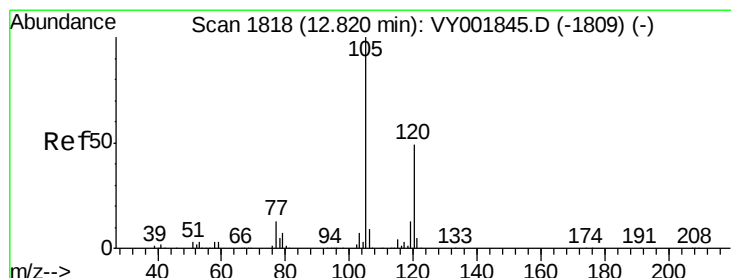
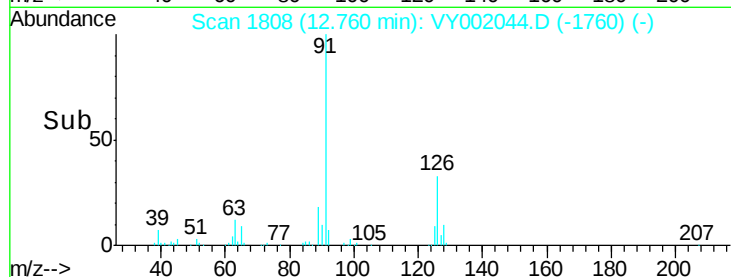
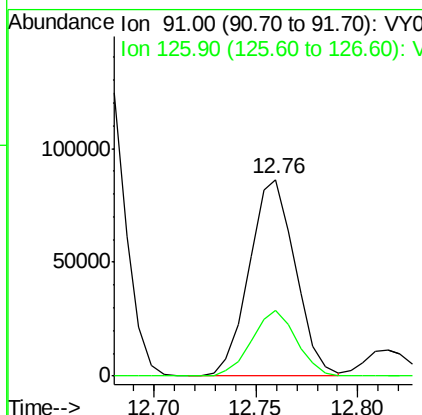
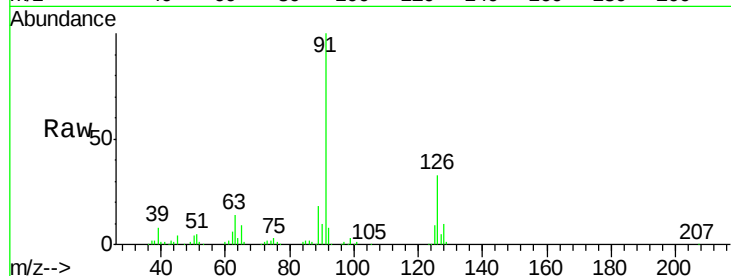




#79
 2-Chlorotoluene
 Concen: 21.59 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

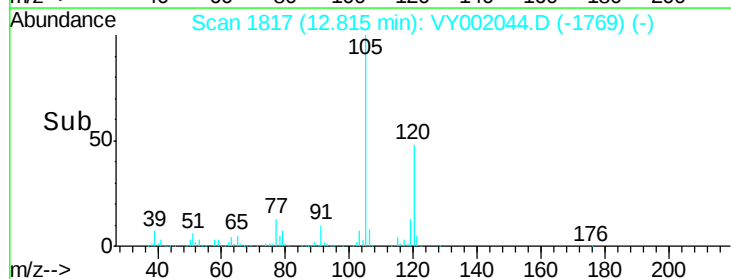
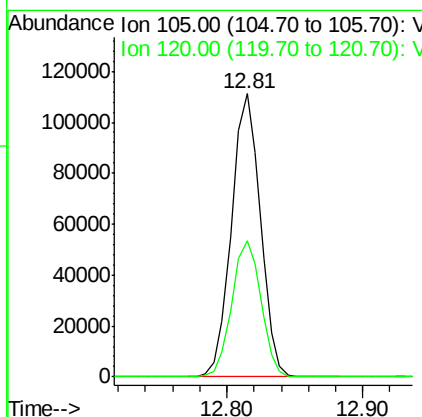
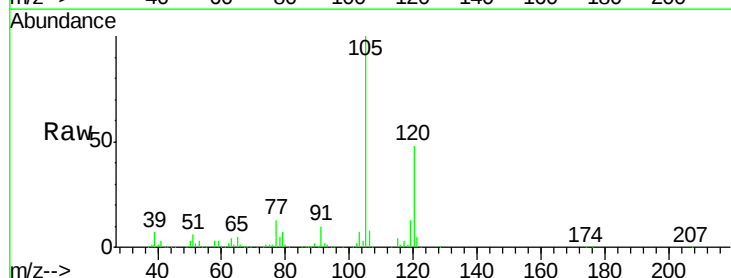
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

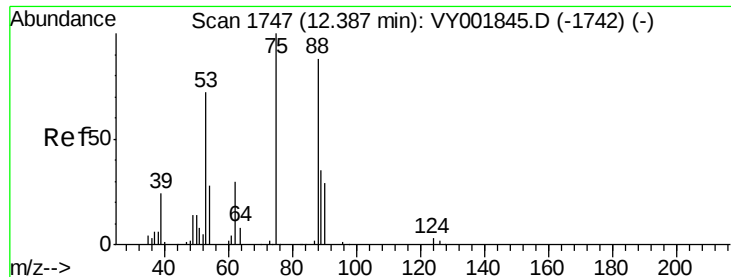
Tgt Ion: 91 Resp: 135405
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.64 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 105 Resp: 163923
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 22.72 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002044.D

Acq: 24 Mar 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

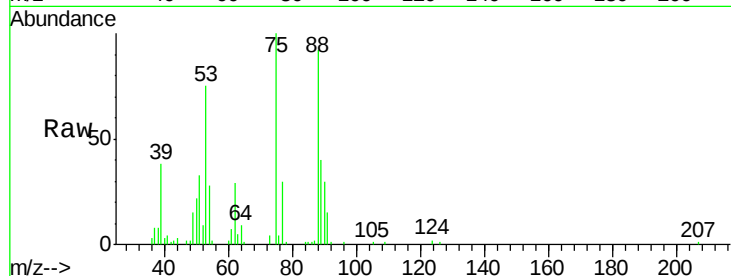
Tgt Ion: 75 Resp: 16090

Ion Ratio Lower Upper

75 100

53 84.2 65.4 98.0

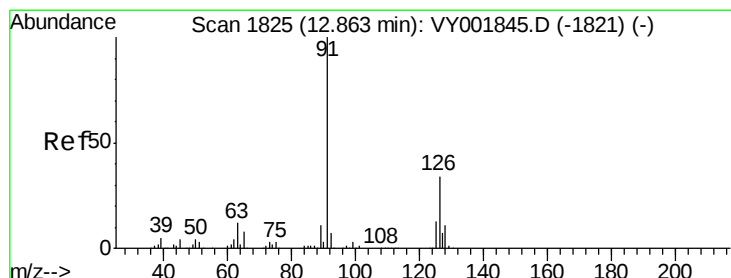
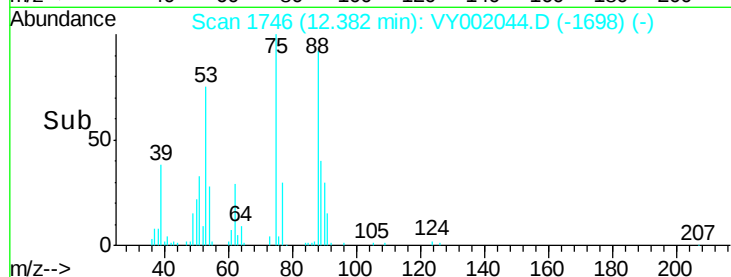
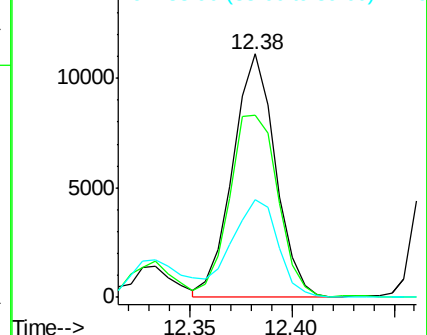
89 43.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.95 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002044.D

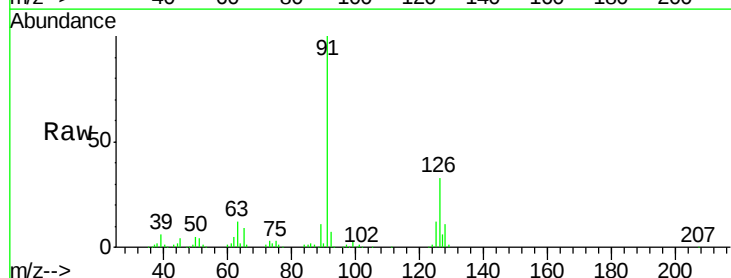
Acq: 24 Mar 2020 12:50

Tgt Ion: 91 Resp: 143310

Ion Ratio Lower Upper

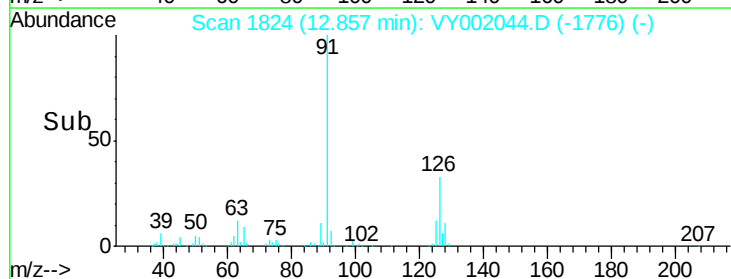
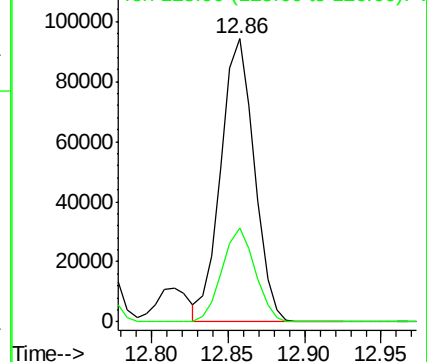
91 100

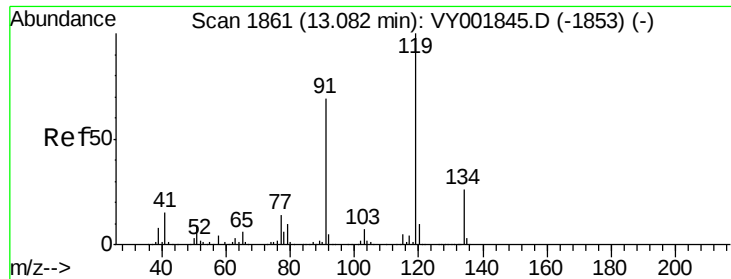
126 32.9 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

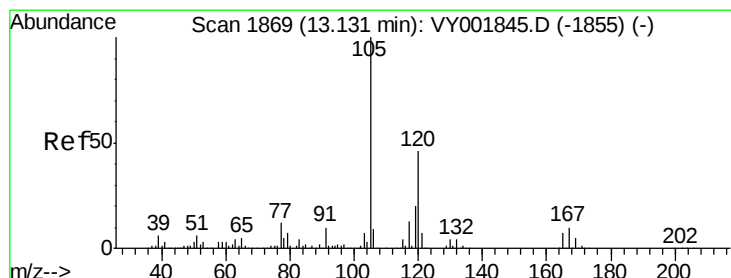
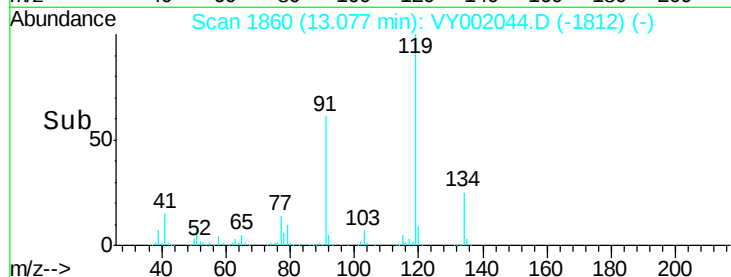
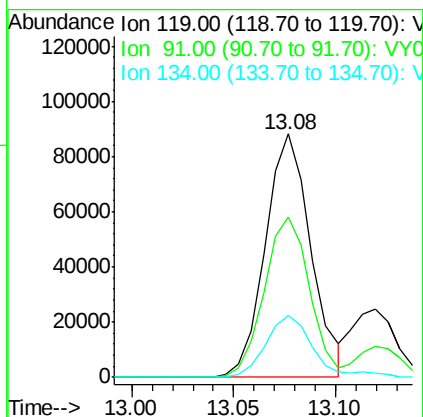
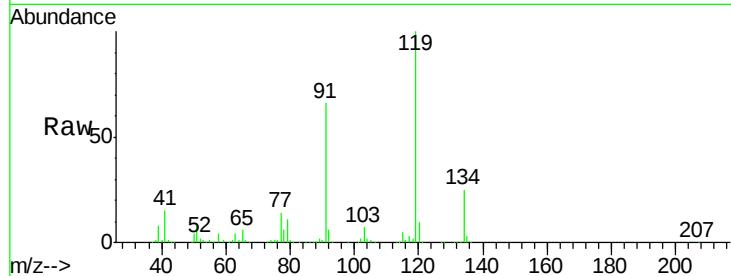




#83
 tert-Butylbenzene
 Concen: 21.84 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

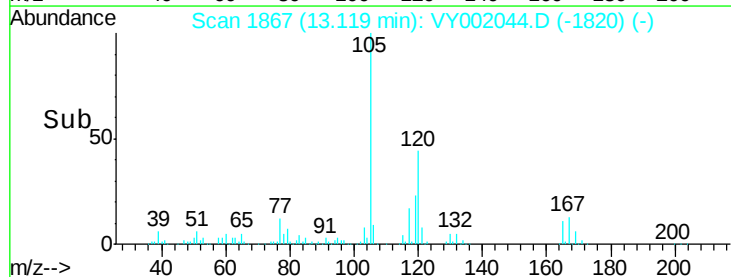
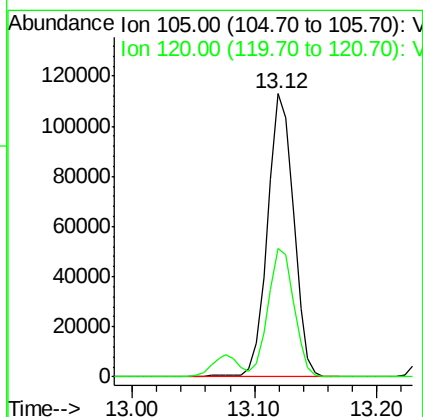
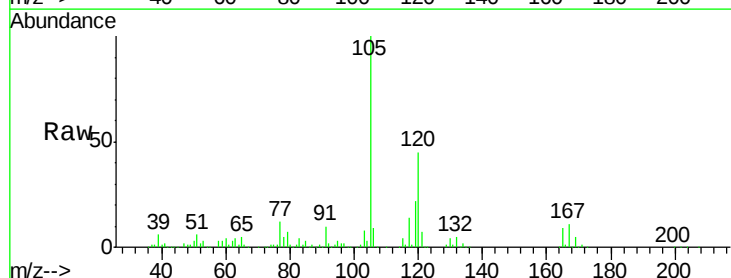
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

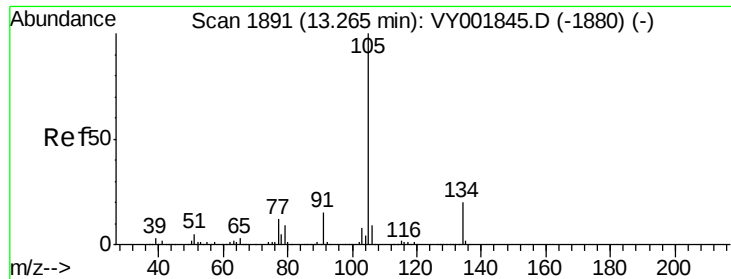
Tgt Ion:119 Resp: 137440
 Ion Ratio Lower Upper
 119 100
 91 65.2 34.0 101.8
 134 26.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.25 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion:105 Resp: 167255
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7

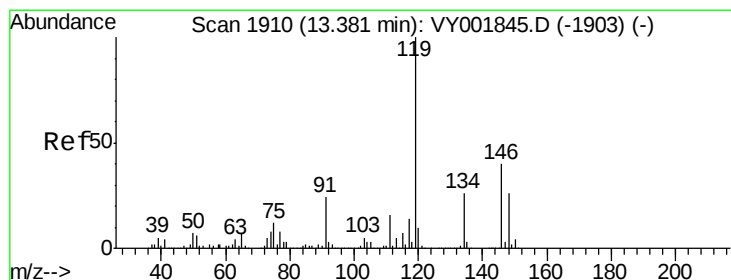
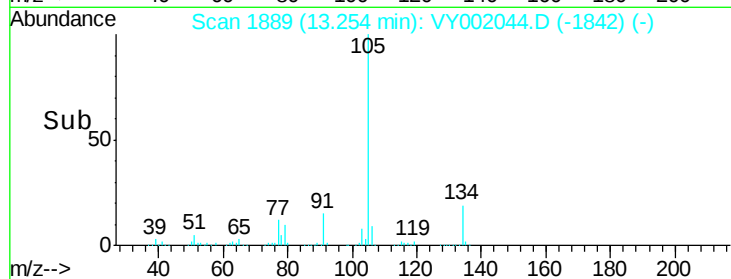
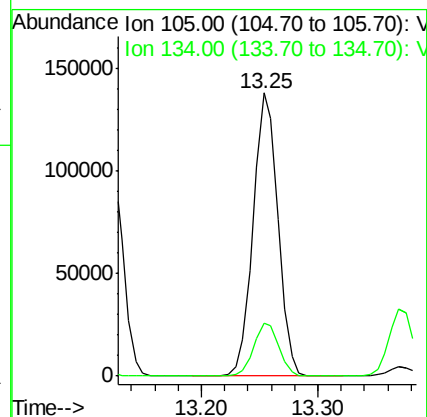
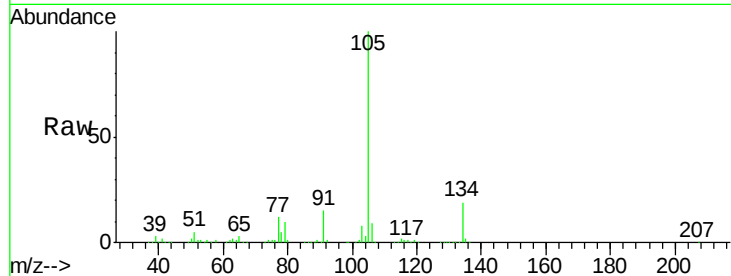




#85
 sec-Butylbenzene
 Concen: 22.17 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

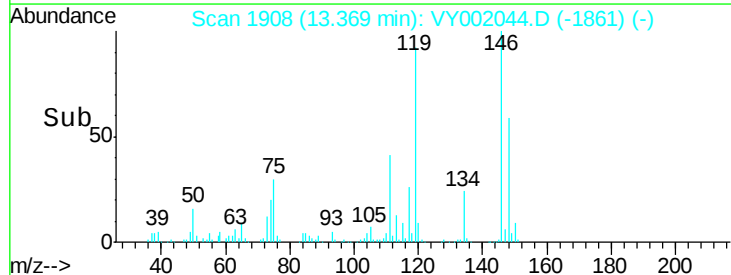
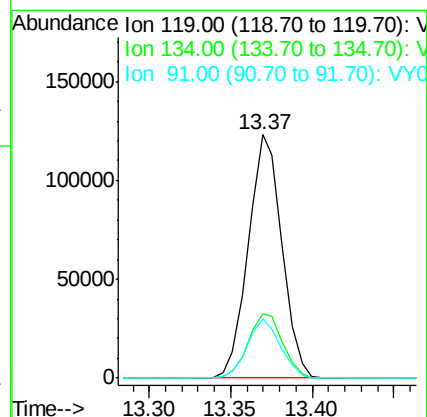
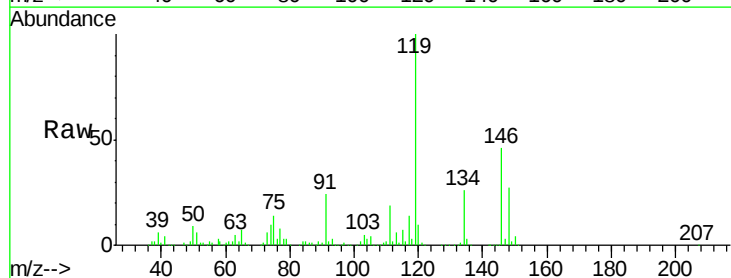
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tgt Ion:105 Resp: 205604
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 22.08 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion:119 Resp: 176676
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 23.9 11.9 35.7

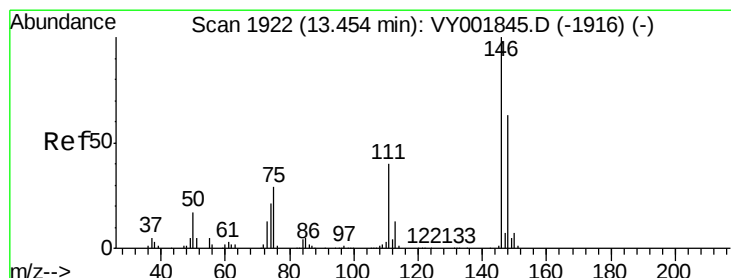
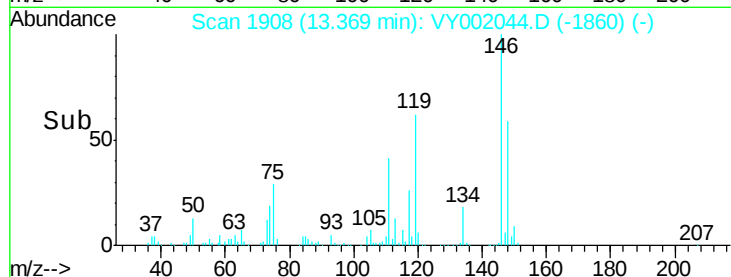
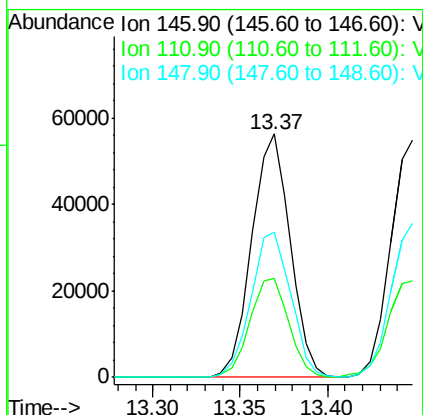
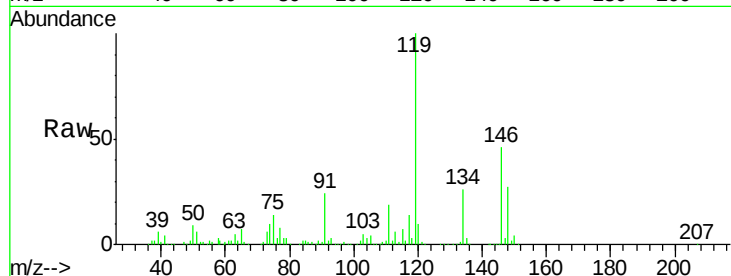




#87
 1,3-Dichlorobenzene
 Concen: 22.55 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

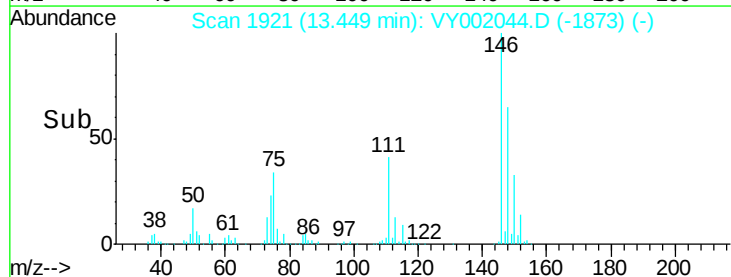
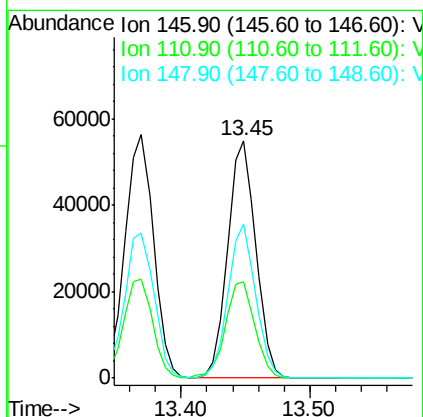
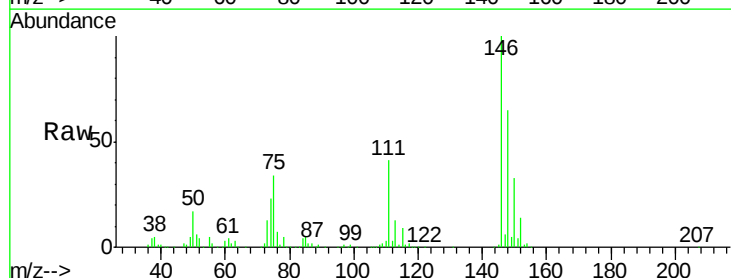
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

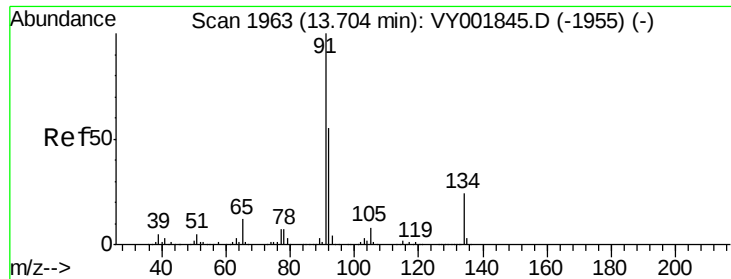
Tgt Ion:146 Resp: 86141
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 61.6 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 21.68 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion:146 Resp: 84028
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.0 60.0
 148 63.8 31.5 94.5

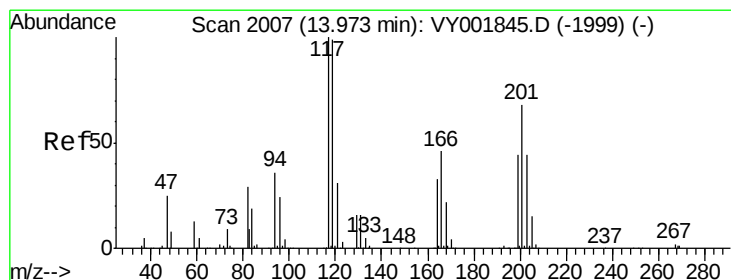
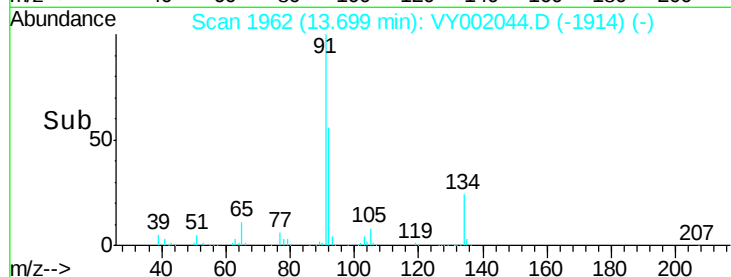
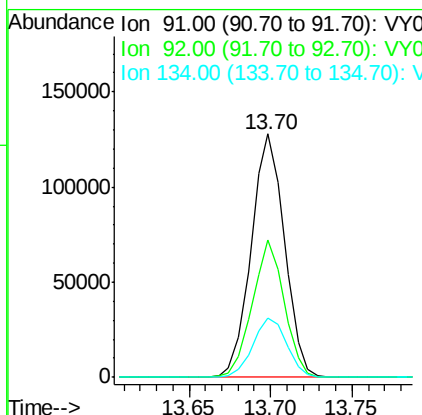
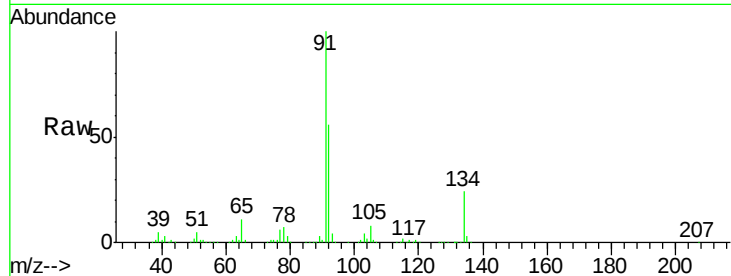




#89
n-Butylbenzene
Concen: 21.96 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

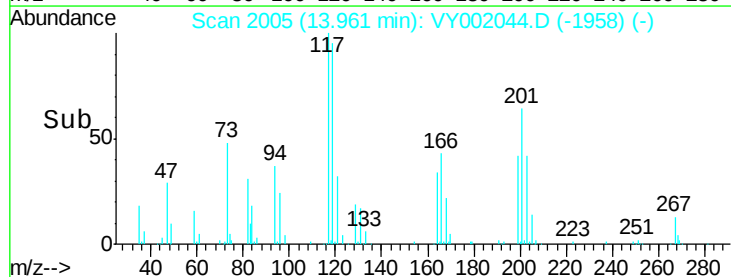
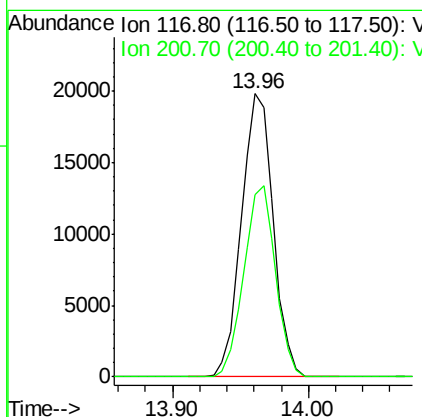
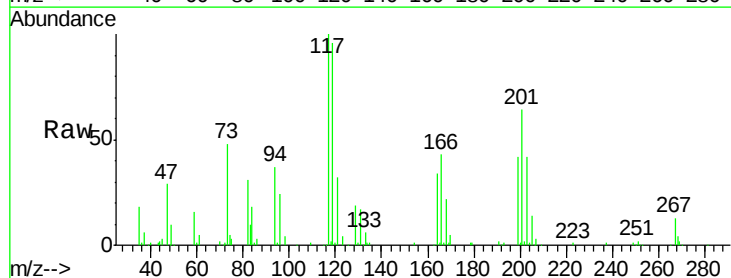
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

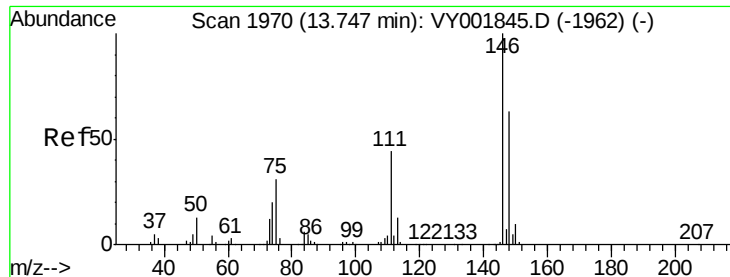
Tgt Ion: 91 Resp: 182253
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.4
134 24.5 12.5 37.5



#90
Hexachloroethane
Concen: 21.46 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion: 117 Resp: 32380
Ion Ratio Lower Upper
117 100
201 67.1 32.5 97.5

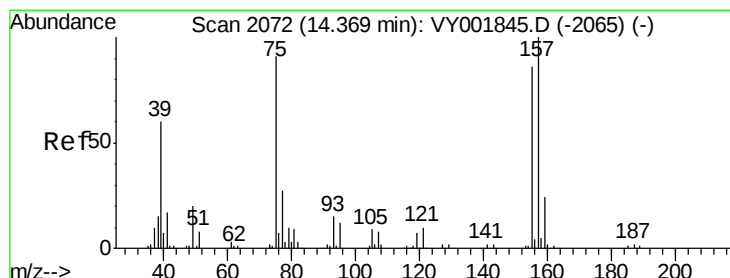
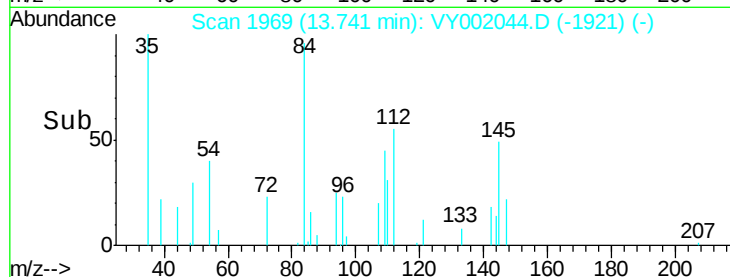
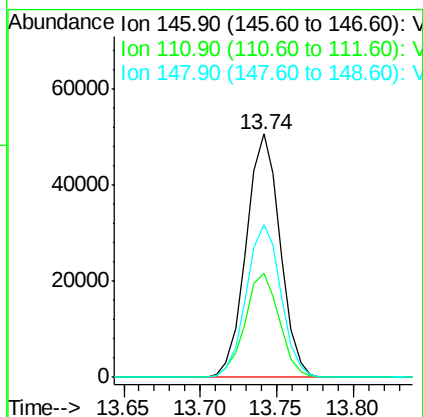
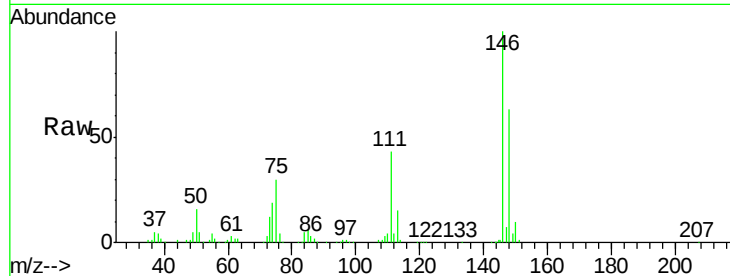




#91
 1,2-Dichlorobenzene
 Concen: 22.50 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

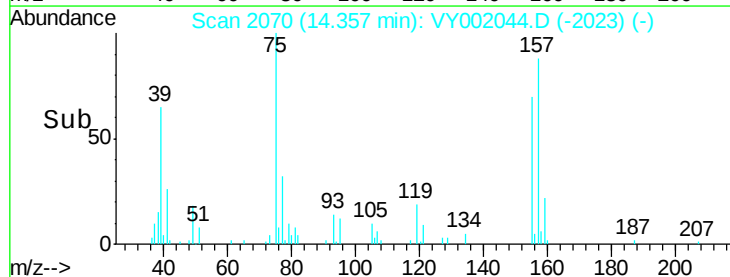
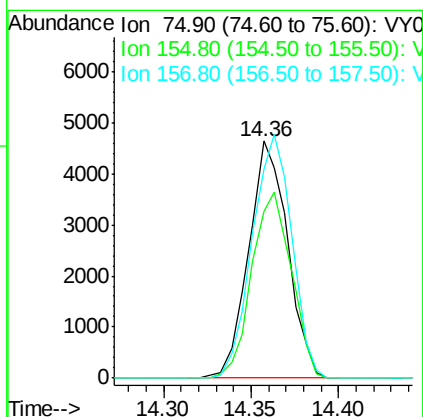
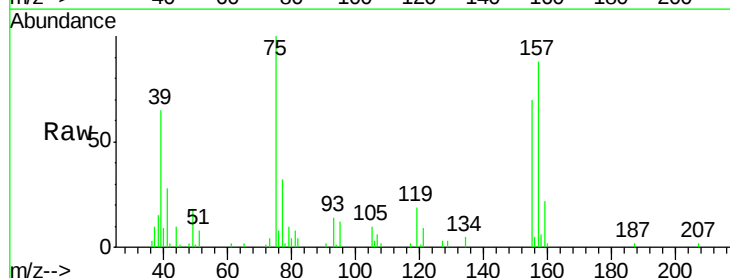
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

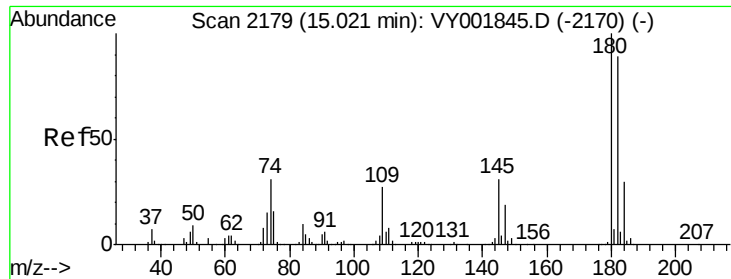
Tgt Ion:146 Resp: 78076
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 64.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.16 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion: 75 Resp: 7172
 Ion Ratio Lower Upper
 75 100
 155 79.8 42.9 128.7
 157 104.7 53.1 159.4

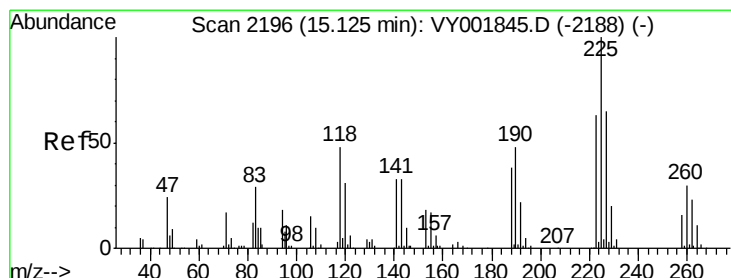
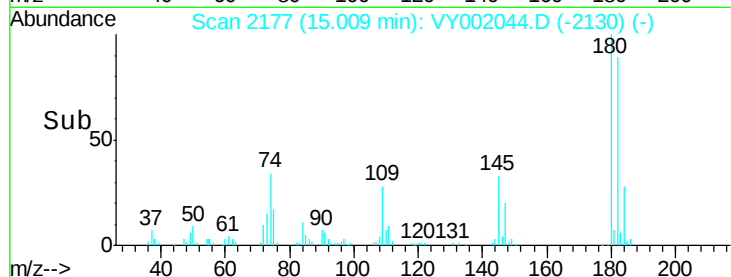
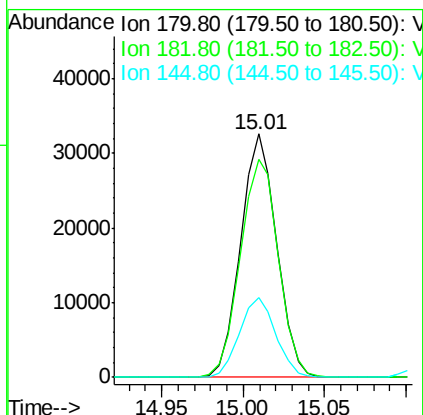
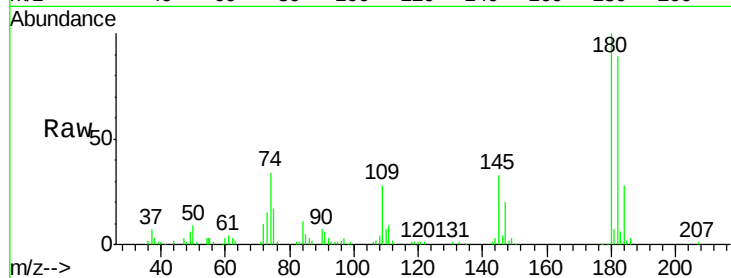




#93
 1,2,4-Trichlorobenzene
 Concen: 22.29 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

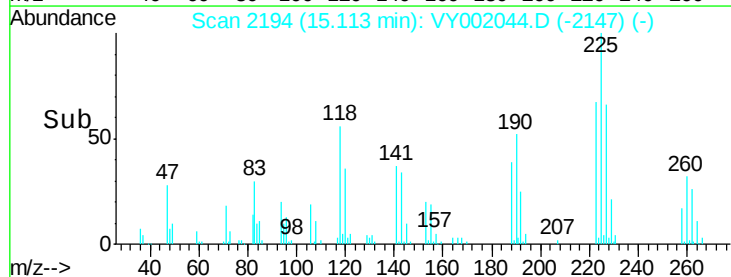
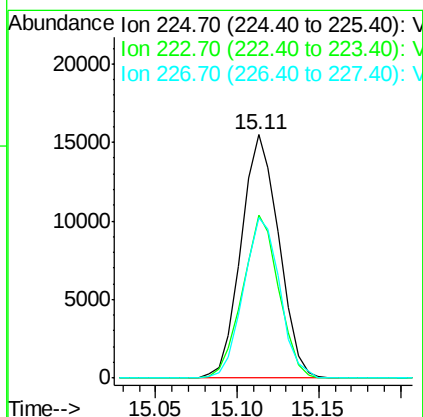
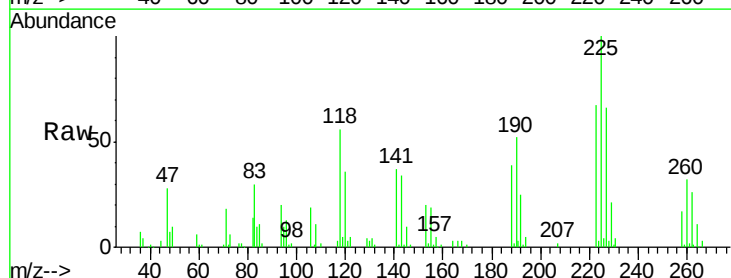
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tgt Ion:180 Resp: 50163
 Ion Ratio Lower Upper
 180 100
 182 94.2 46.1 138.3
 145 33.3 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 22.69 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002044.D
 Acq: 24 Mar 2020 12:50

Tgt Ion:225 Resp: 24895
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.5 94.5
 227 63.8 31.9 95.5

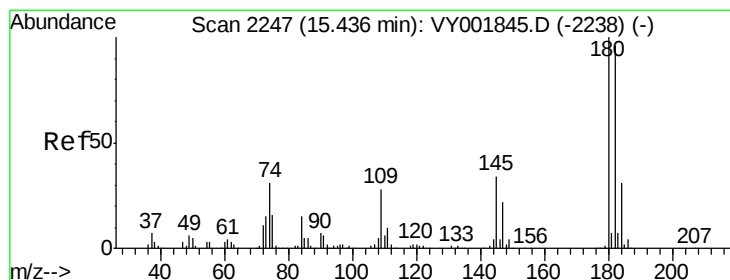
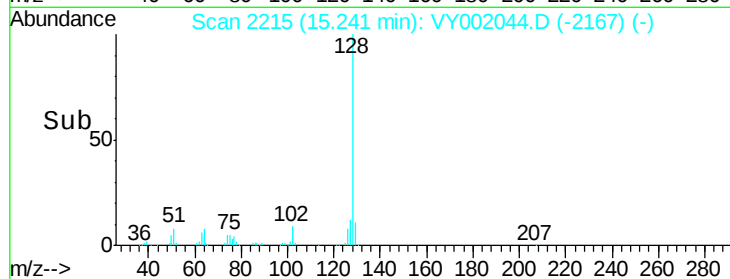
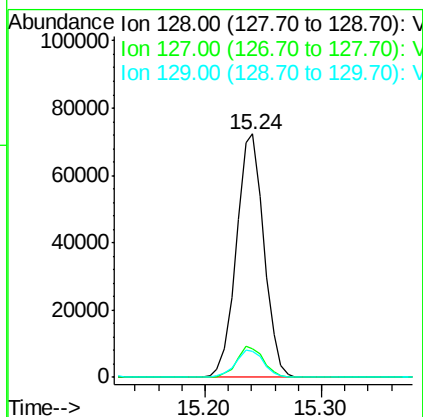
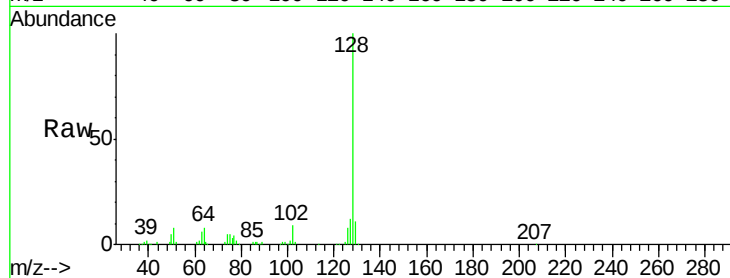




#95
Naphthalene
Concen: 22.32 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tgt Ion:128 Resp: 119182
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.79 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002044.D
Acq: 24 Mar 2020 12:50

Tgt Ion:180 Resp: 45179
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.9
145 33.8 16.8 50.3

