

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002253.D
 Acq On : 08 Apr 2020 16:34
 Operator : SY/MD
 Sample : VY0408SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Quant Time: Apr 09 01:54:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	158421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	287272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	256343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	120713	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	90943	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
35) Dibromofluoromethane	7.73	113	88101	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
50) Toluene-d8	10.18	98	374680	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.48	95	125910	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	32259	20.148	ug/l	95
3) Chloromethane	2.12	50	41425	20.558	ug/l	97
4) Vinyl Chloride	2.26	62	44173	20.595	ug/l	96
5) Bromomethane	2.65	94	27902	21.066	ug/l	98
6) Chloroethane	2.79	64	26032	21.045	ug/l	97
7) Trichlorofluoromethane	3.13	101	56838	20.520	ug/l	94
8) Diethyl Ether	3.54	74	25803	21.913	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	39037	20.748	ug/l	98
10) Methyl Iodide	4.10	142	43002	19.662	ug/l	100
11) Tert butyl alcohol	4.96	59	23458	105.660	ug/l	99
12) 1,1-Dichloroethene	3.88	96	39575	20.689	ug/l	98
13) Acrolein	3.74	56	22502	99.060	ug/l	98
14) Allyl chloride	4.49	41	65045	21.057	ug/l	99
15) Acrylonitrile	5.18	53	62829	104.338	ug/l	99
16) Acetone	3.96	43	46706	100.656	ug/l	98
17) Carbon Disulfide	4.20	76	131614	20.717	ug/l	99
18) Methyl Acetate	4.49	43	30477	21.175	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	105515	20.982	ug/l	99
20) Methylene Chloride	4.72	84	47385	20.776	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	43772	20.386	ug/l	99
22) Diisopropyl ether	6.13	45	133238	21.433	ug/l	99
23) Vinyl Acetate	6.07	43	417708	105.442	ug/l	99
24) 1,1-Dichloroethane	6.04	63	73691	20.841	ug/l	99
25) 2-Butanone	7.00	43	74575	101.556	ug/l	98
26) 2,2-Dichloropropane	7.00	77	60965	20.612	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	48717	20.814	ug/l	99
28) Bromochloromethane	7.35	49	32509	21.299	ug/l	97
29) Tetrahydrofuran	7.36	42	50721	104.492	ug/l	97
30) Chloroform	7.52	83	70260	21.080	ug/l	100
31) Cyclohexane	7.79	56	77361	20.843	ug/l	# 90
32) 1,1,1-Trichloroethane	7.71	97	58460	21.072	ug/l	100
36) 1,1-Dichloropropene	7.93	75	60400	21.346	ug/l	99
37) Ethyl Acetate	7.08	43	34035	21.055	ug/l	98
38) Carbon Tetrachloride	7.91	117	50822	20.998	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	79580	20.675	ug/l	97
40) Benzene	8.17	78	180912	21.073	ug/l	98
41) Methacrylonitrile	7.36	41	43955	46.094	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	44187	20.778	ug/l	100
43) Isopropyl Acetate	8.28	43	61243	20.774	ug/l	100
44) Trichloroethene	8.94	130	51853	20.544	ug/l	94
45) 1,2-Dichloropropane	9.22	63	45214	21.226	ug/l	100
46) Dibromomethane	9.31	93	22818	20.488	ug/l	98
47) Bromodichloromethane	9.50	83	53411	20.901	ug/l	100
48) Methyl methacrylate	9.30	41	27928	21.127	ug/l	98
49) 1,4-Dioxane	9.30	88	6469	410.617	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	159183	103.621	ug/l	100
52) Toluene	10.25	92	108119	20.898	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	58502	21.011	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	69227	20.681	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	35083	21.516	ug/l	95
56) Ethyl methacrylate	10.51	69	48322	20.764	ug/l	98
57) 1,3-Dichloropropane	10.79	76	60129	20.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	124065	102.947	ug/l	98
59) 2-Hexanone	10.83	43	110035	103.206	ug/l	100
60) Dibromochloromethane	10.99	129	35879	20.636	ug/l	100
61) 1,2-Dibromoethane	11.09	107	32135	20.702	ug/l	99
64) Tetrachloroethene	10.72	164	54692	21.103	ug/l	97
65) Chlorobenzene	11.52	112	111983	21.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	37191	21.140	ug/l	98
67) Ethyl Benzene	11.60	91	208921	21.417	ug/l	99
68) m/p-Xylenes	11.70	106	154531	42.295	ug/l	99
69) o-Xylene	12.03	106	73529	21.436	ug/l	100
70) Styrene	12.05	104	127040	21.347	ug/l	99
71) Bromoform	12.20	173	20289	21.207	ug/l #	100
73) Isopropylbenzene	12.33	105	194586	20.519	ug/l	98
74) N-amyl acetate	12.14	43	54593	20.280	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	24055	20.965	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	53026	37.829	ug/l #	100
77) Bromobenzene	12.61	156	42610	20.423	ug/l	98
78) n-propylbenzene	12.67	91	241654	20.489	ug/l	100
79) 2-Chlorotoluene	12.75	91	132046	20.601	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	162802	20.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	14497	20.115	ug/l	94
82) 4-Chlorotoluene	12.86	91	137980	20.539	ug/l	100
83) tert-Butylbenzene	13.08	119	134396	20.458	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	161048	20.563	ug/l	99
85) sec-Butylbenzene	13.25	105	203524	20.797	ug/l	98
86) p-Isopropyltoluene	13.37	119	178258	21.164	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	83589	20.672	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	84530	20.594	ug/l	99
89) n-Butylbenzene	13.70	91	178400	20.663	ug/l	99
90) Hexachloroethane	13.96	117	32139	20.024	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	77220	21.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5623	20.263	ug/l	98

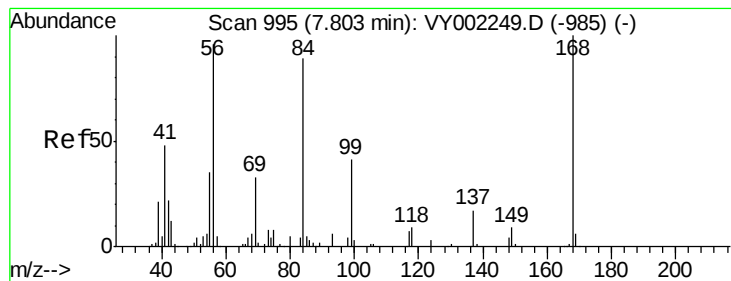
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	49371	20.558	ug/l	100
94) Hexachlorobutadiene	15.11	225	24280	20.073	ug/l	97
95) Naphthalene	15.23	128	109325	20.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	43096	20.666	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

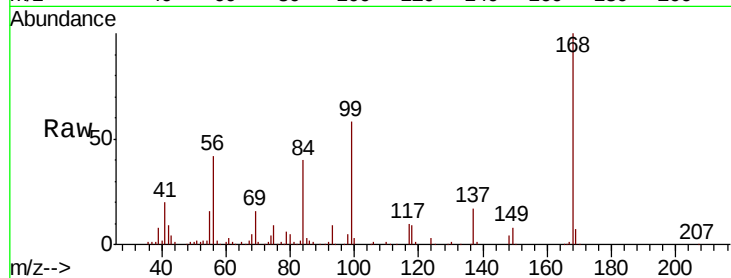
VY0408SBS01

Tot Ion:168 Resp: 158421

Ion Ratio Lower Upper

168 100

99 58.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

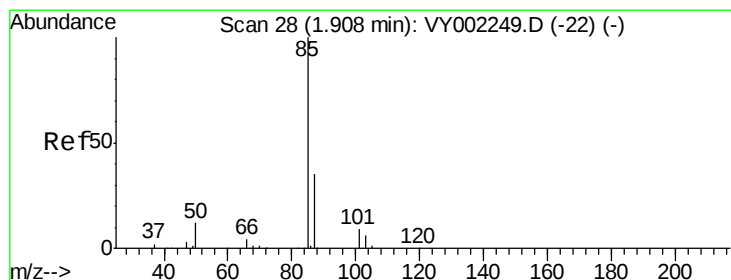
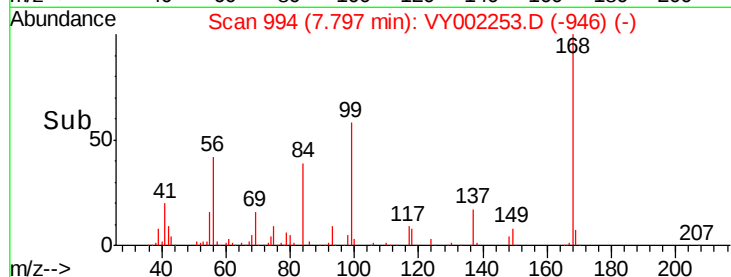
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.148 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002253.D

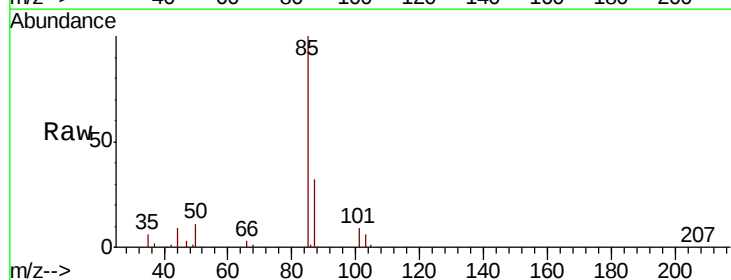
Acq: 08 Apr 2020 16:34

Tgt Ion: 85 Resp: 32259

Ion Ratio Lower Upper

85 100

87 32.0 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.90

25000

20000

15000

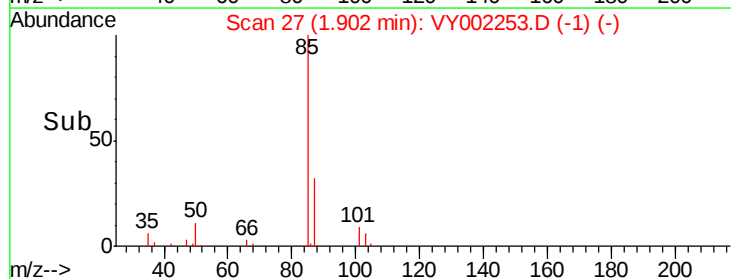
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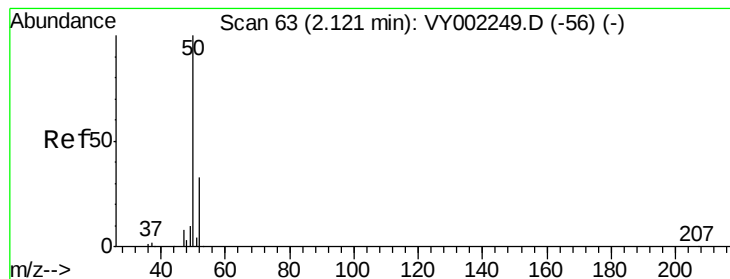
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.558 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

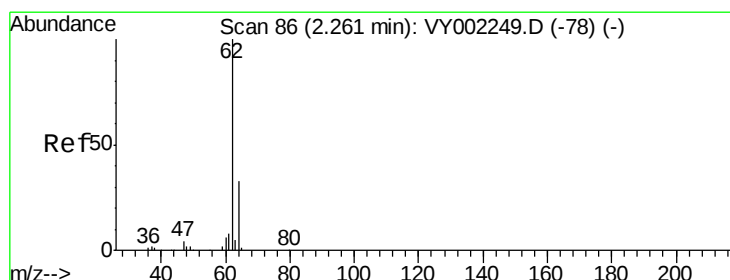
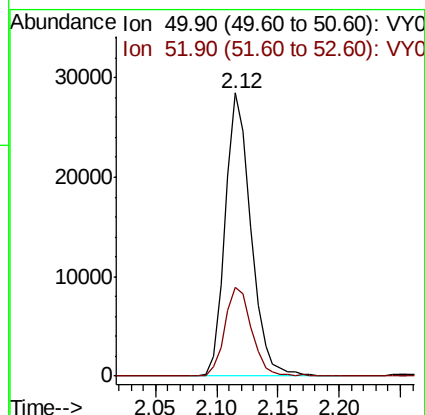
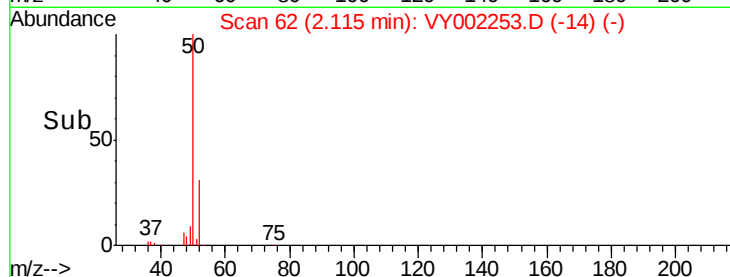
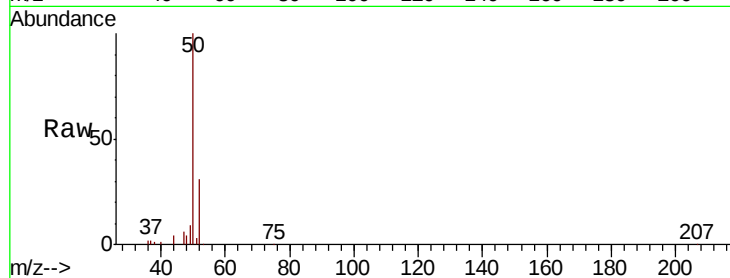
VY0408SBS01

Tot Ion: 50 Resp: 41425

Ion Ratio Lower Upper

50 100

52 31.3 26.6 39.8



#4

Vinyl Chloride

Concen: 20.595 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002253.D

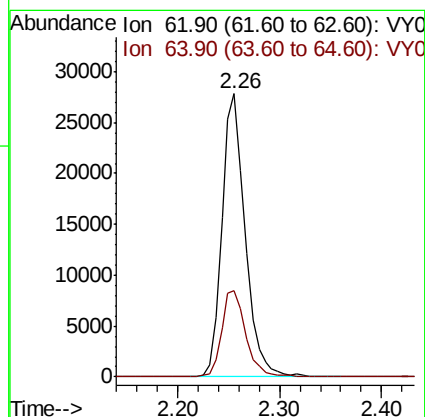
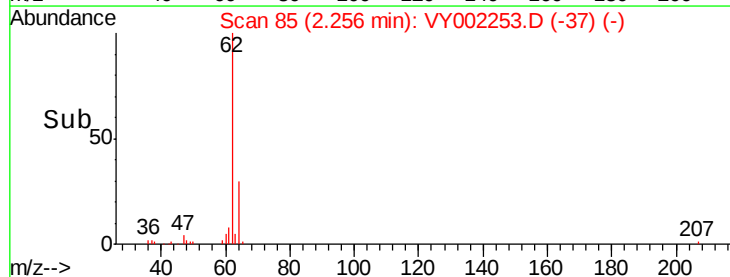
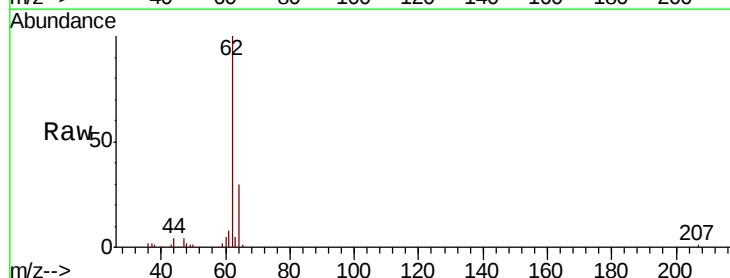
Acq: 08 Apr 2020 16:34

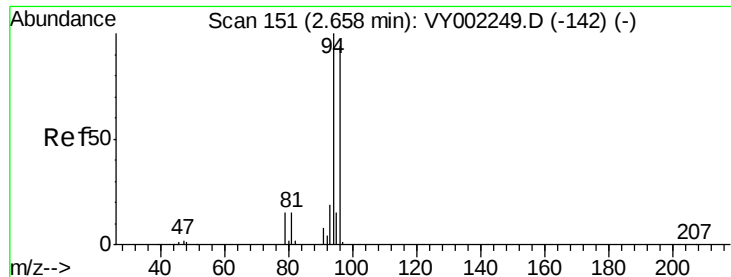
Tgt Ion: 62 Resp: 44173

Ion Ratio Lower Upper

62 100

64 30.5 26.2 39.2





#5

Bromomethane

Concen: 21.066 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

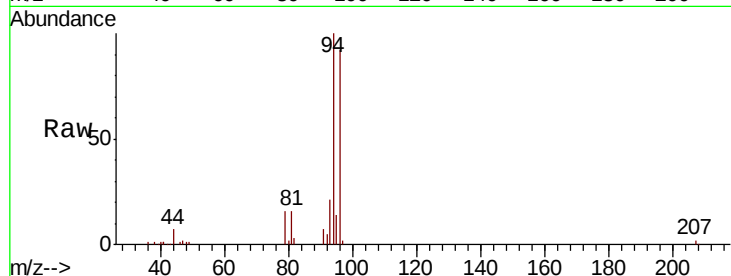
VY0408SBS01

Tot Ion: 94 Resp: 27902

Ion Ratio Lower Upper

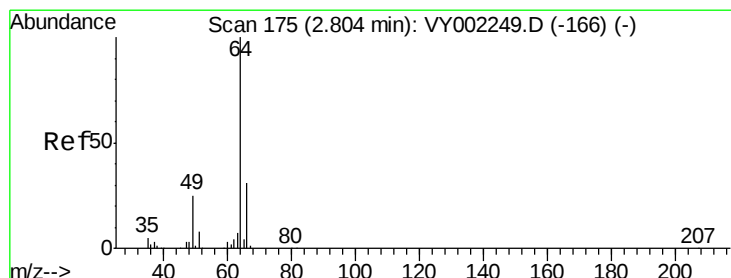
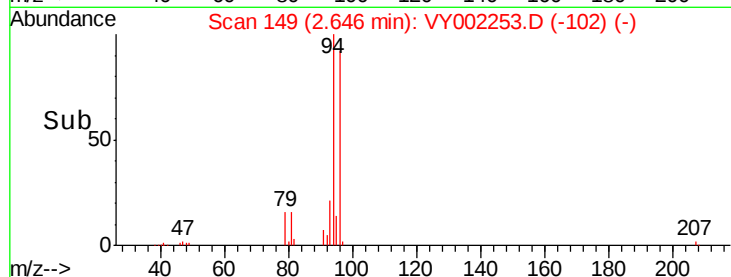
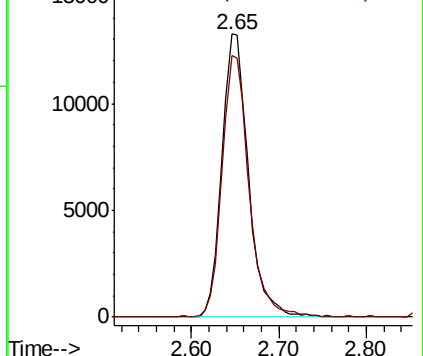
94 100

96 92.3 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.045 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002253.D

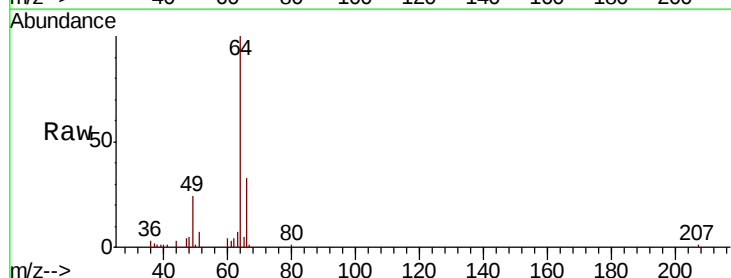
Acq: 08 Apr 2020 16:34

Tgt Ion: 64 Resp: 26032

Ion Ratio Lower Upper

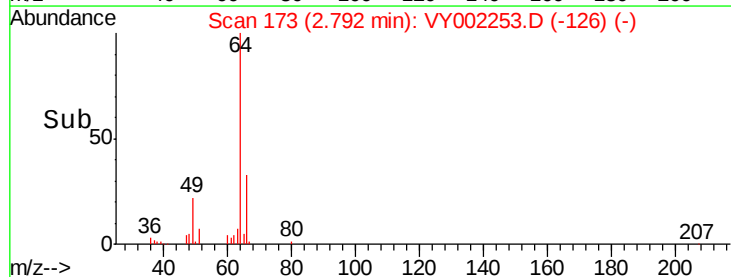
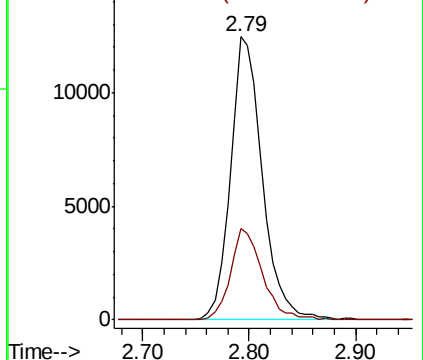
64 100

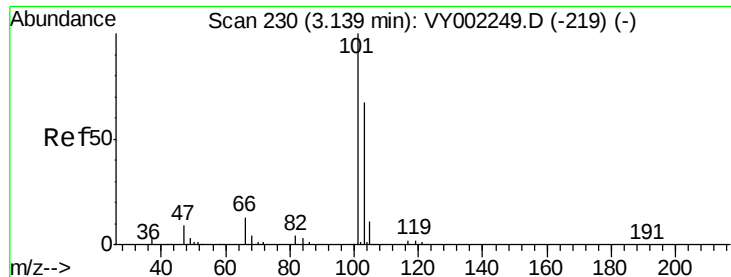
66 32.5 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



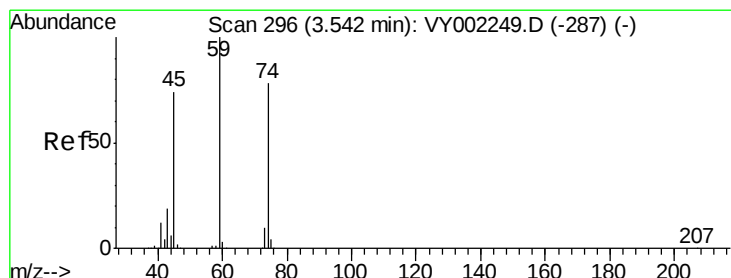
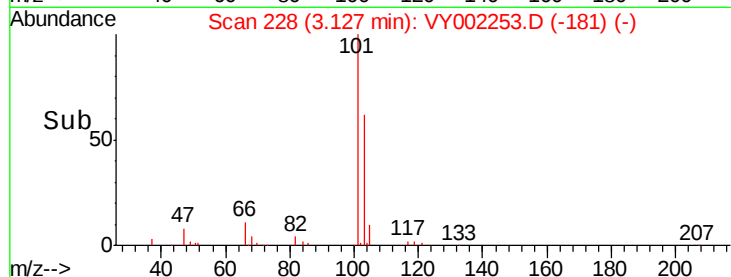
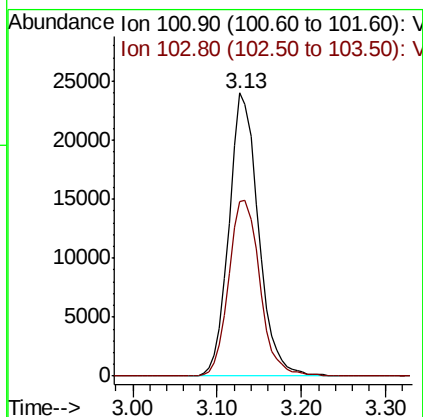
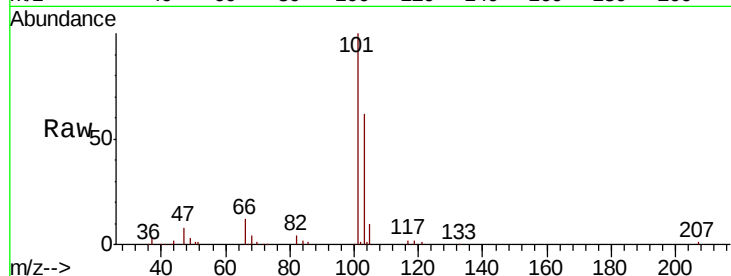


#7

Trichlorofluoromethane
 Concen: 20.520 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Instrument :
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 VY0408SBS01

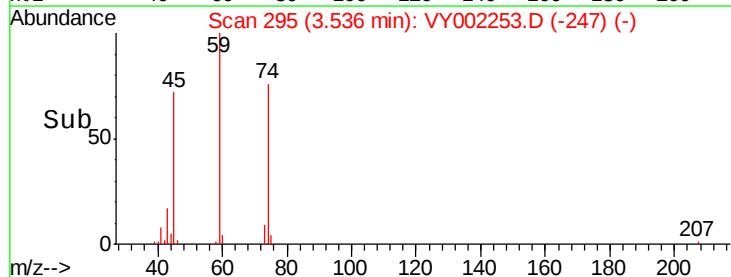
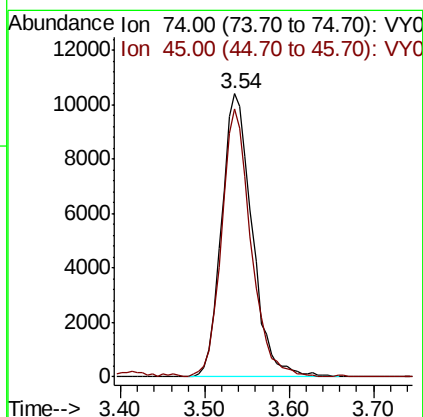
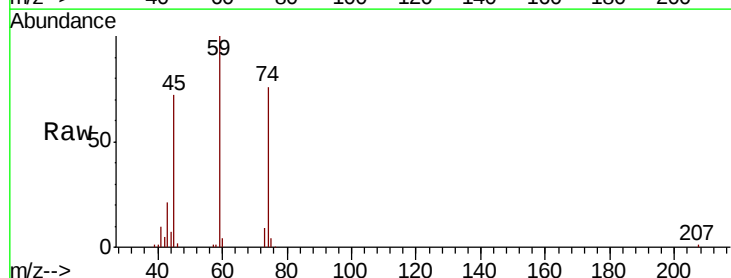
Tot Ion:101 Resp: 56838
 Ion Ratio Lower Upper
 101 100
 103 61.7 53.3 79.9

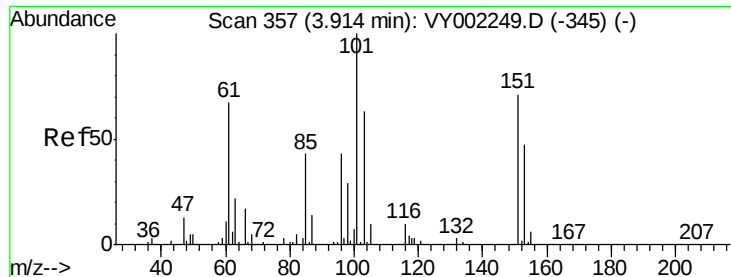


#8

Diethyl Ether
 Concen: 21.913 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 74 Resp: 25803
 Ion Ratio Lower Upper
 74 100
 45 91.4 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.748 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

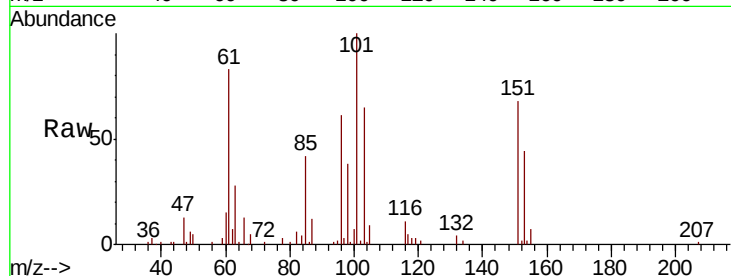
Tot Ion:101 Resp: 39037

Ion Ratio Lower Upper

101 100

85 44.2 34.6 52.0

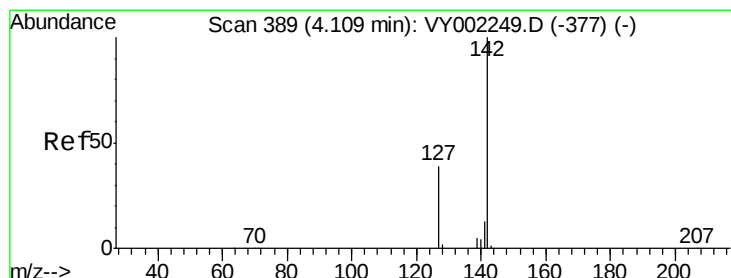
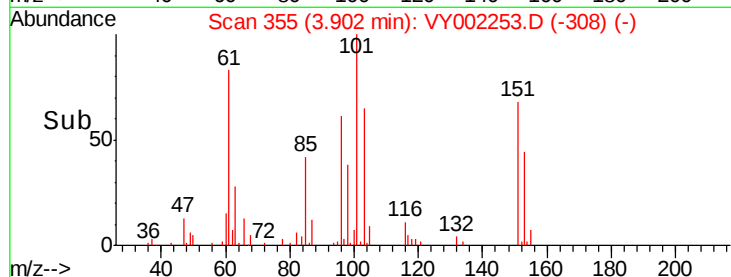
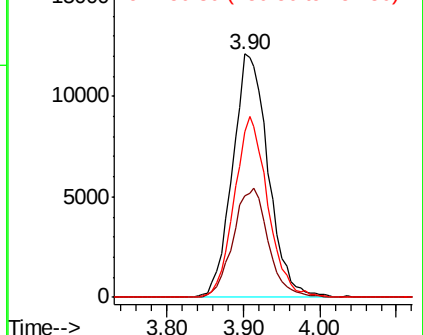
151 70.1 57.6 86.4



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: 19.662 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

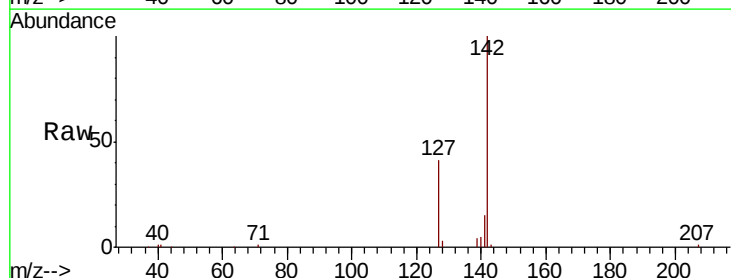
Tgt Ion:142 Resp: 43002

Ion Ratio Lower Upper

142 100

127 40.5 32.4 48.6

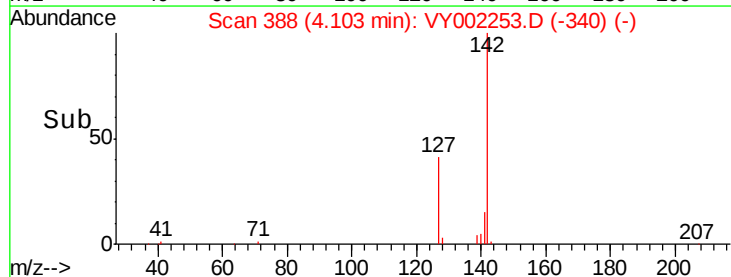
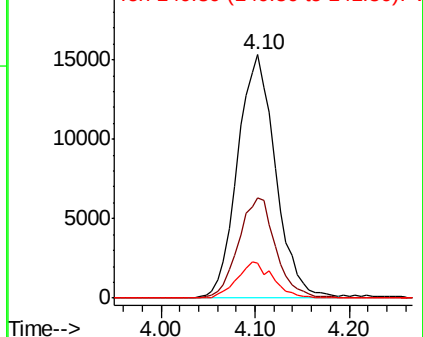
141 14.0 11.2 16.8

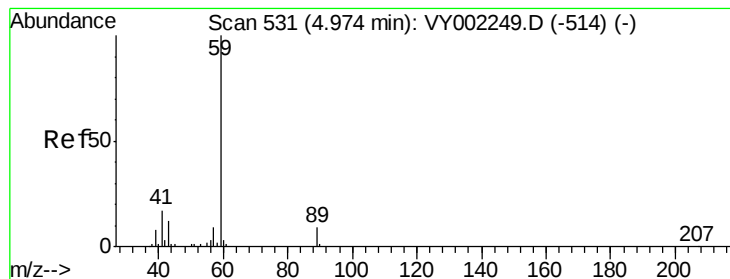


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



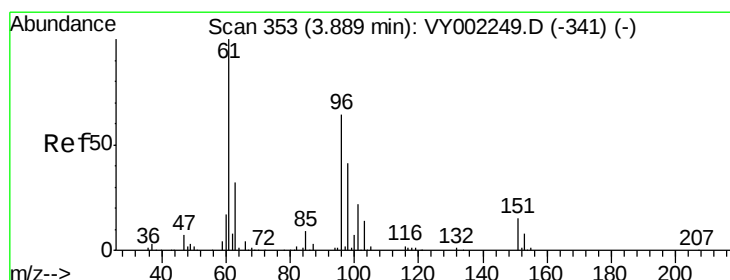
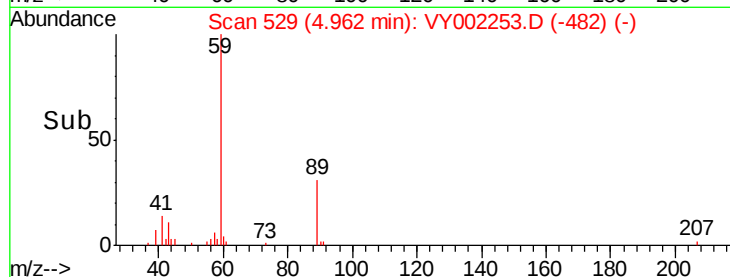
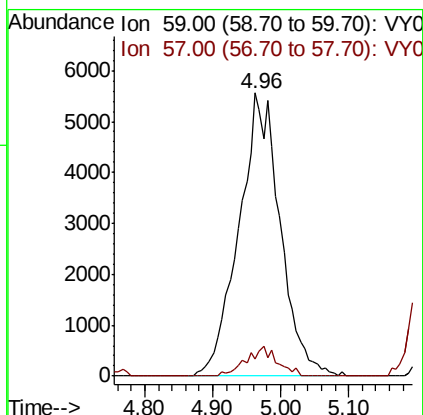
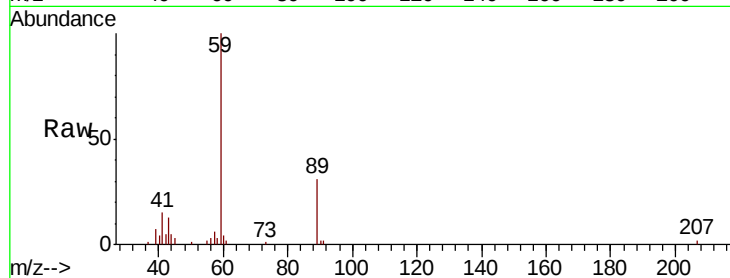


#11

Tert butyl alcohol
 Concen: 105.660 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

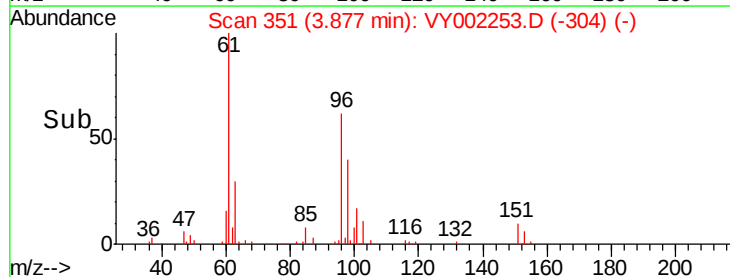
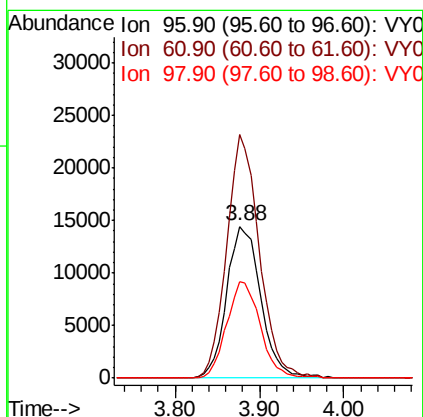
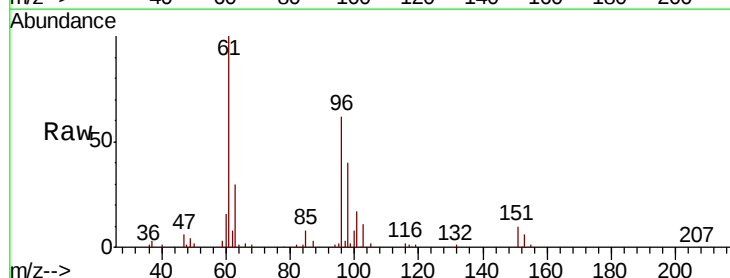
Tot Ion: 59 Resp: 23458
 Ion Ratio Lower Upper
 59 100
 57 7.9 6.6 9.8

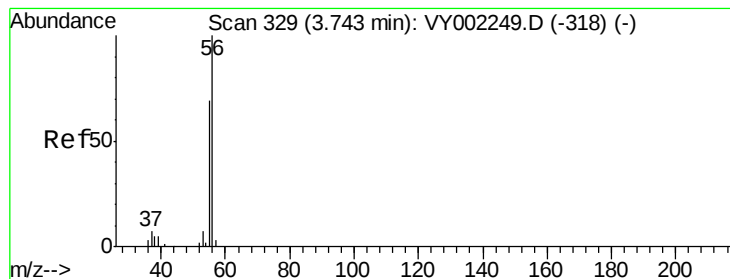


#12

1,1-Dichloroethene
 Concen: 20.689 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 96 Resp: 39575
 Ion Ratio Lower Upper
 96 100
 61 160.4 125.9 188.9
 98 63.6 51.1 76.7





#13

Acrolein

Concen: 99.060 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

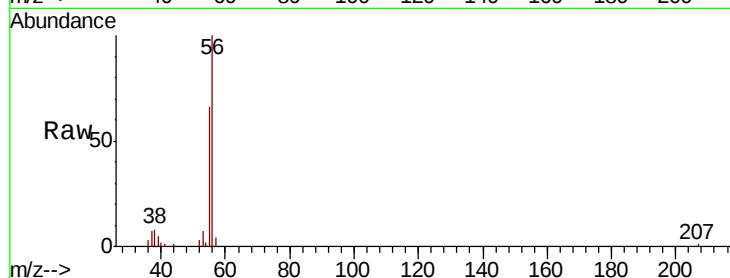
VY0408SBS01

Tot Ion: 56 Resp: 22502

Ion Ratio Lower Upper

56 100

55 68.2 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

10000

8000

6000

4000

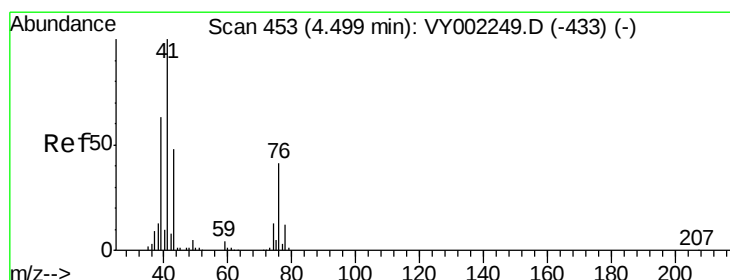
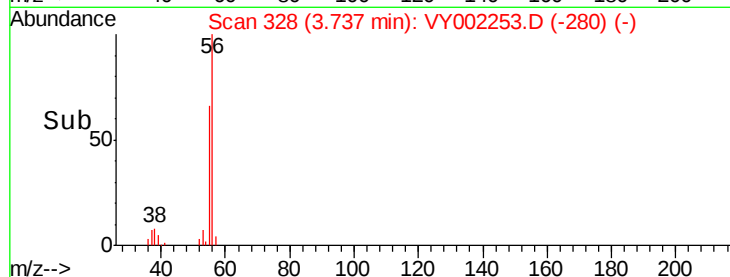
2000

0

Time-->

3.70

3.80



#14

Allyl chloride

Concen: 21.057 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

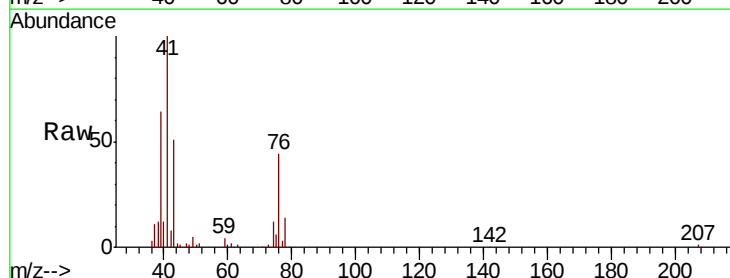
Tgt Ion: 41 Resp: 65045

Ion Ratio Lower Upper

41 100

39 60.0 48.0 72.0

76 37.7 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

25000

20000

15000

10000

5000

0

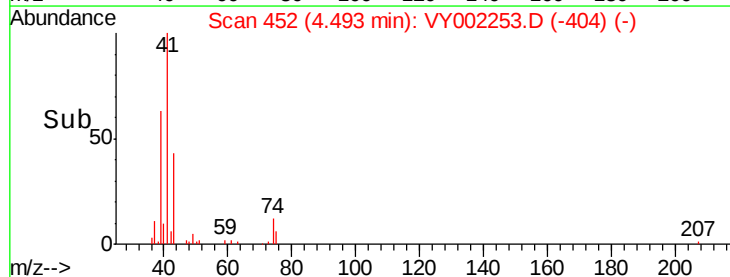
Time-->

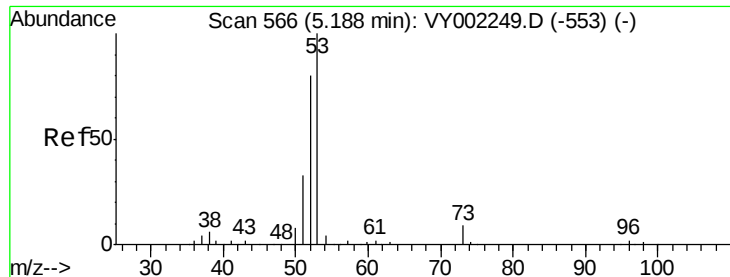
4.30

4.40

4.50

4.60





#15

Acrylonitrile

Concen: 104.338 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

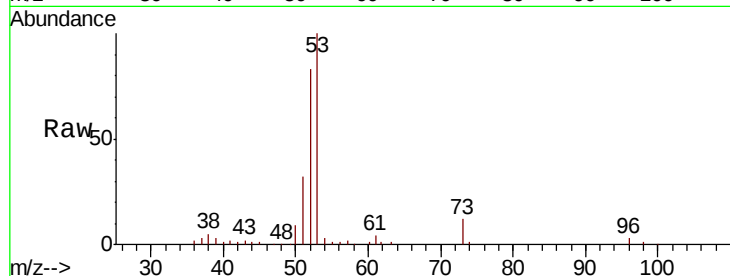
Tot Ion: 53 Resp: 62829

Ion Ratio Lower Upper

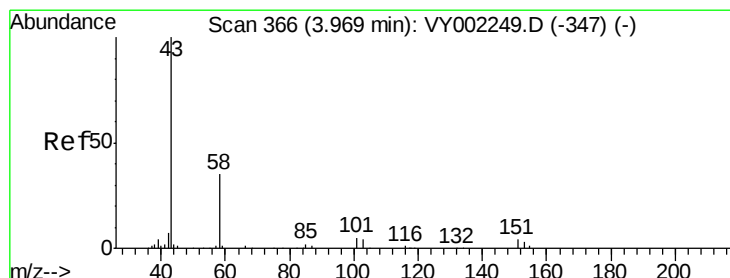
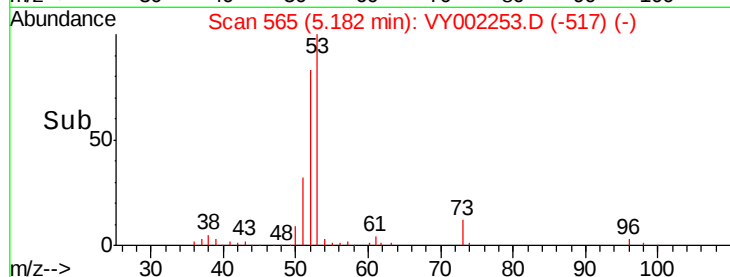
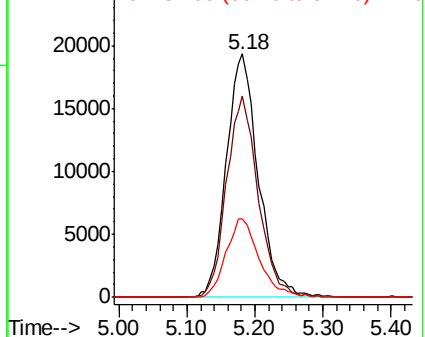
53 100

52 81.8 65.1 97.7

51 33.5 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 100.656 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002253.D

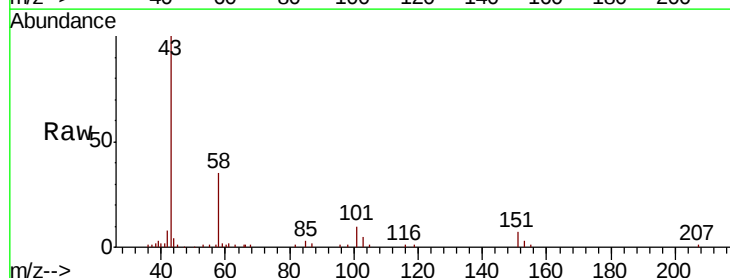
Acq: 08 Apr 2020 16:34

Tgt Ion: 43 Resp: 46706

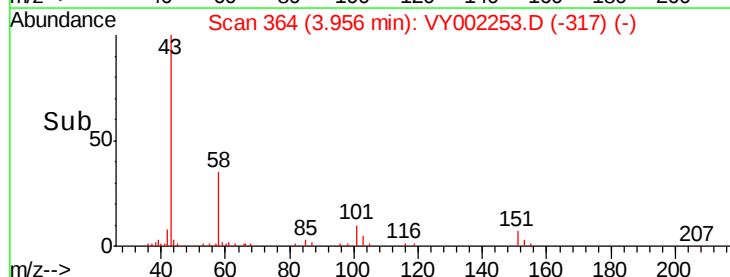
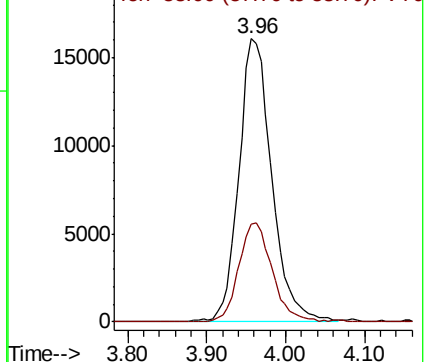
Ion Ratio Lower Upper

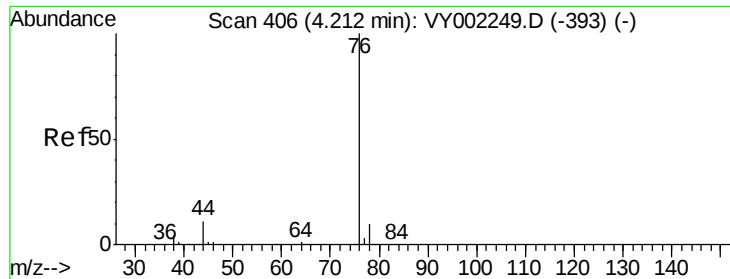
43 100

58 34.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

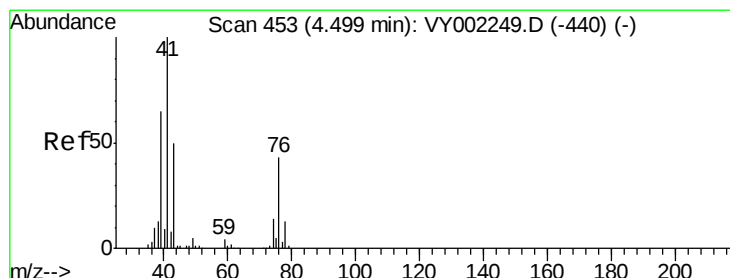
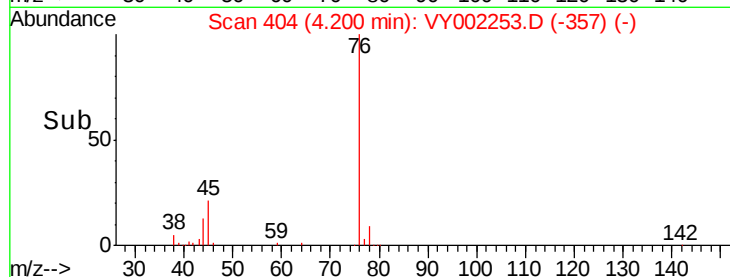
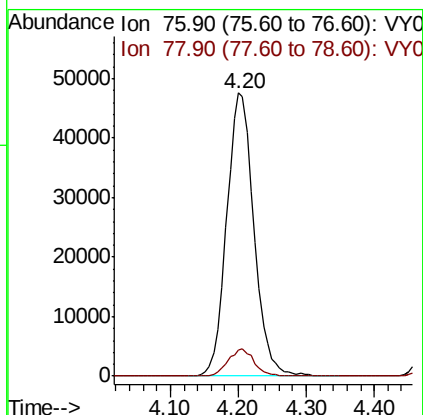
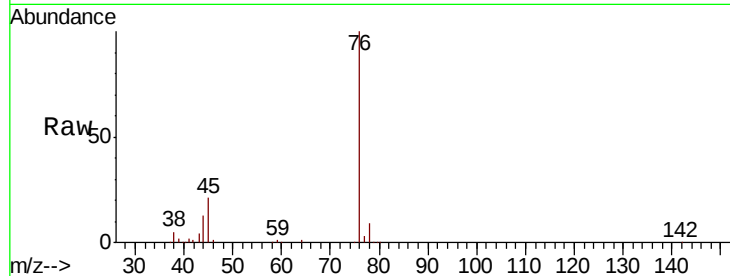




#17
Carbon Disulfide
Concen: 20.717 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

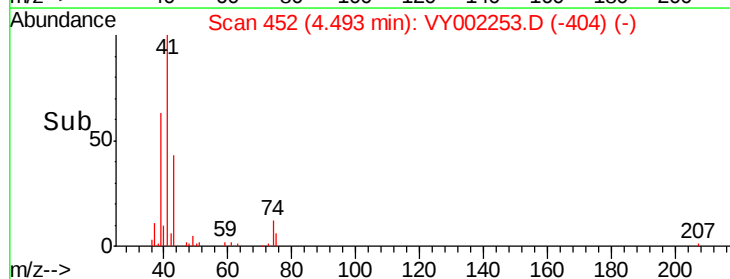
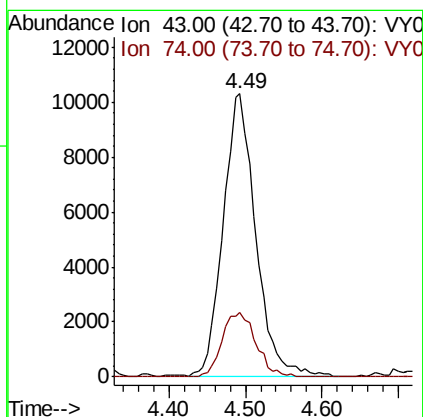
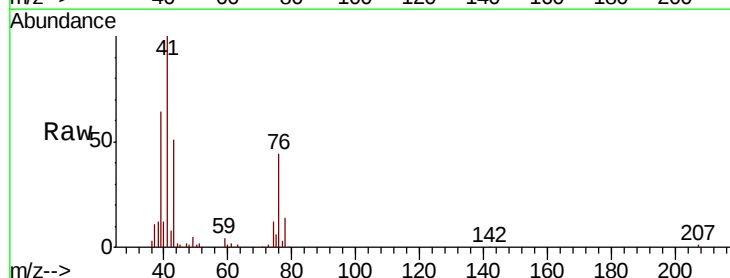
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

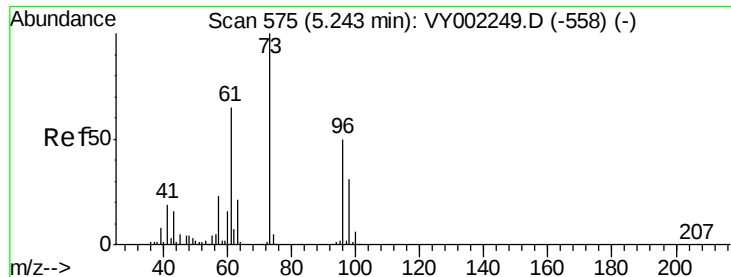
Tot Ion: 76 Resp: 131614
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#18
Methyl Acetate
Concen: 21.175 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion: 43 Resp: 30477
Ion Ratio Lower Upper
43 100
74 23.6 20.3 30.5



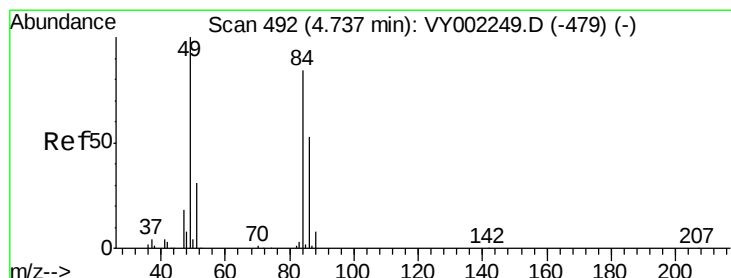
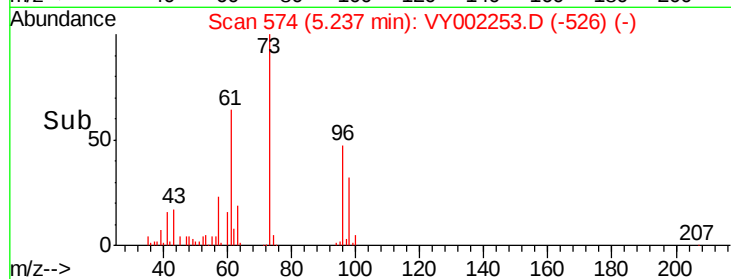
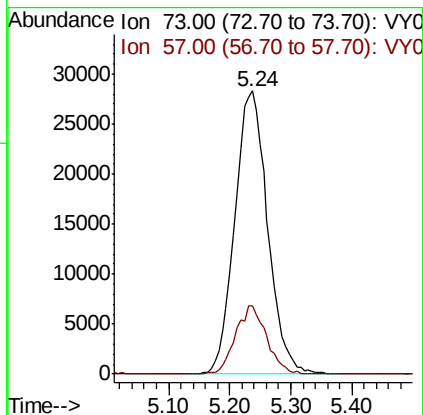
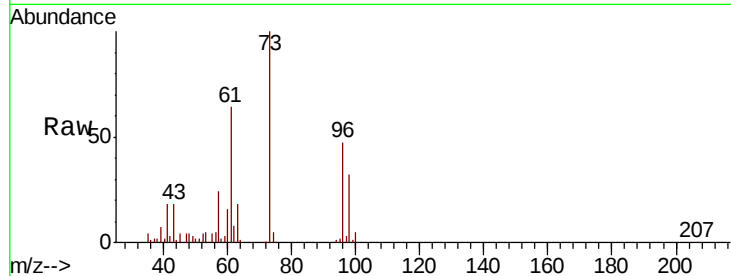


#19

Methyl tert-butyl Ether
 Concen: 20.982 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

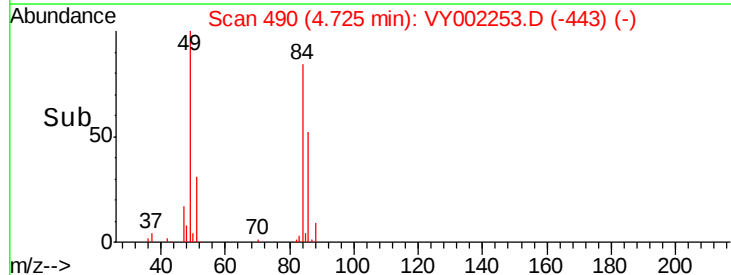
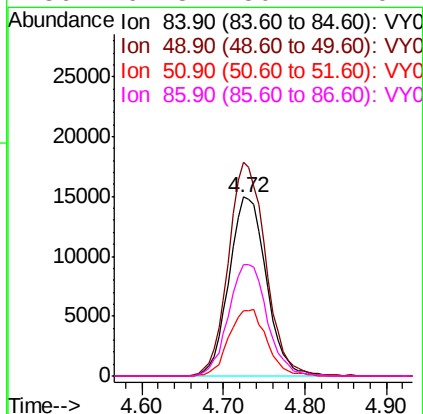
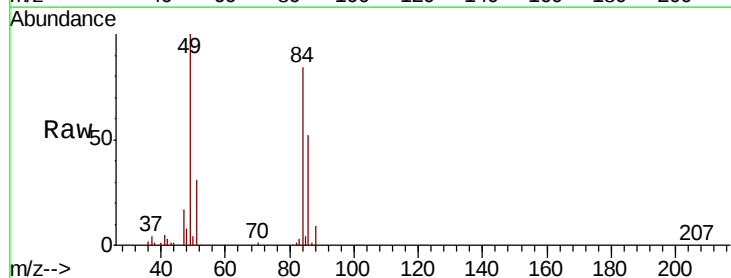
Tot Ion: 73 Resp: 105515
 Ion Ratio Lower Upper
 73 100
 57 23.9 18.7 28.1

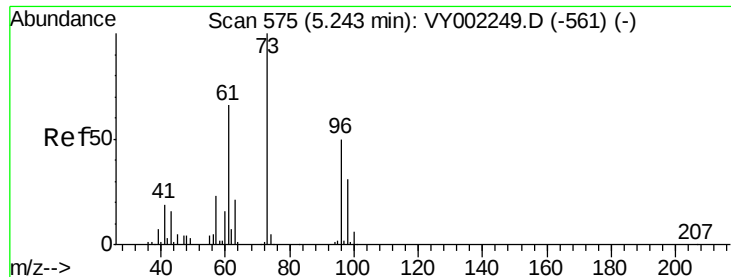


#20

Methylene Chloride
 Concen: 20.776 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 84 Resp: 47385
 Ion Ratio Lower Upper
 84 100
 49 118.9 95.5 143.3
 51 36.6 29.5 44.3
 86 61.8 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.386 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

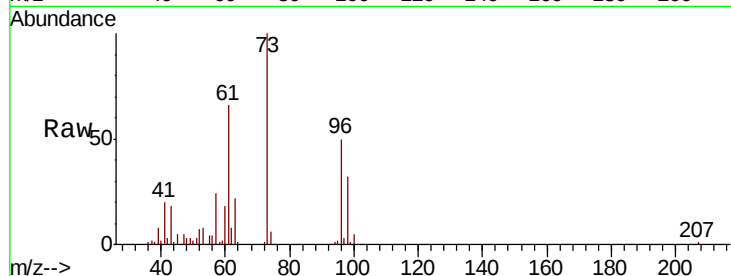
Tot Ion: 96 Resp: 43772

Ion Ratio Lower Upper

96 100

61 131.8 104.6 157.0

98 63.9 50.1 75.1

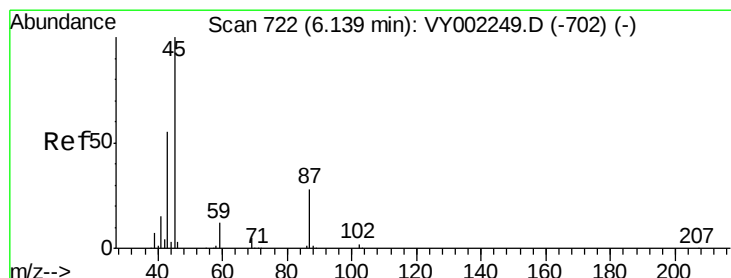
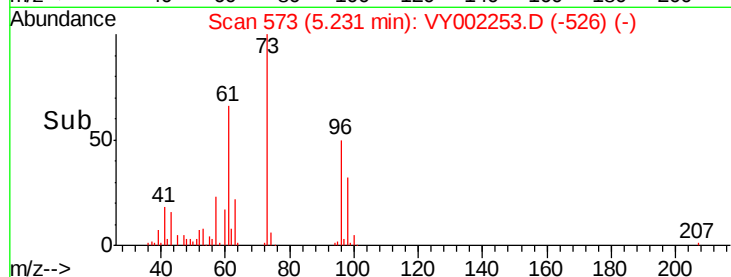
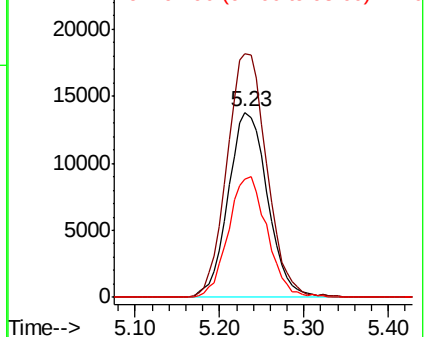


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.433 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Tgt Ion: 45 Resp: 133238

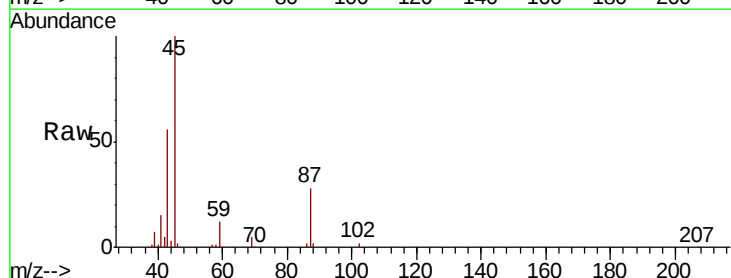
Ion Ratio Lower Upper

45 100

43 55.9 44.7 67.1

87 27.7 23.0 34.4

59 11.9 10.1 15.1



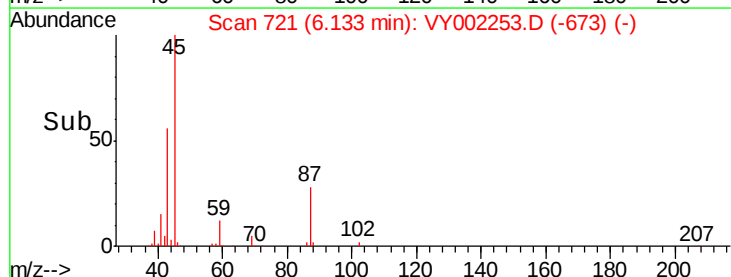
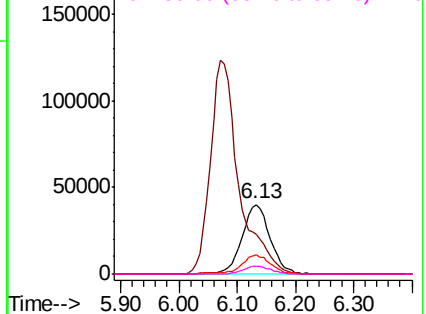
Abundance

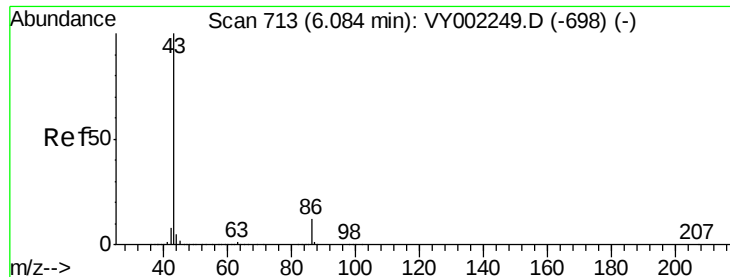
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 105.442 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

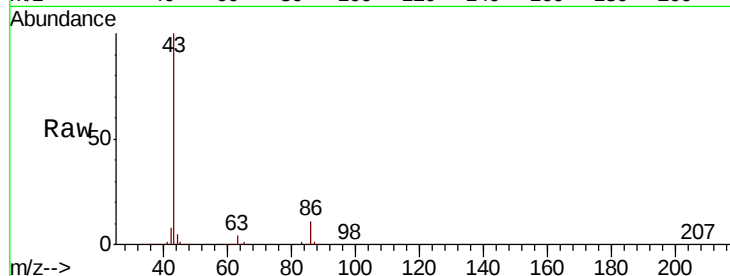
VY0408SBS01

Tot Ion: 43 Resp: 417708

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

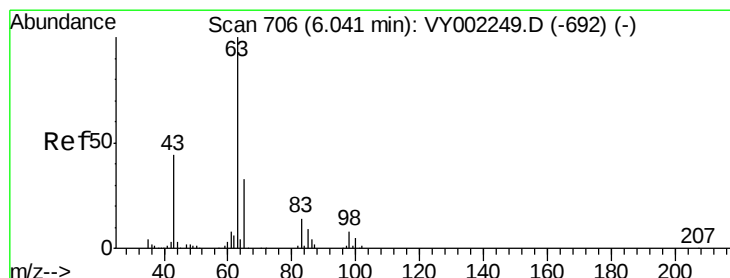
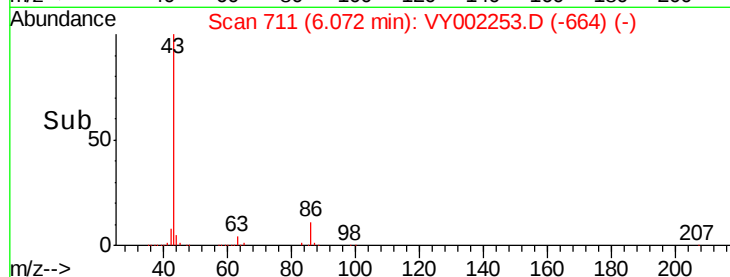
6.07

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.841 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

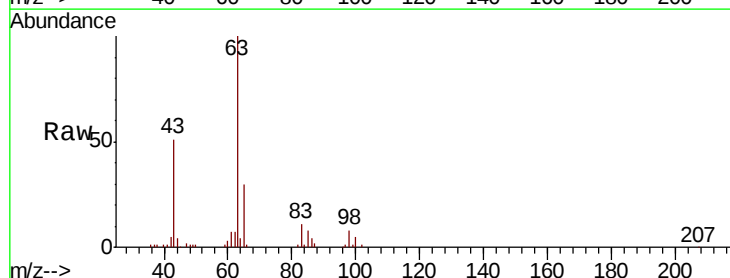
Tgt Ion: 63 Resp: 73691

Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.0

100 5.3 2.4 7.1



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

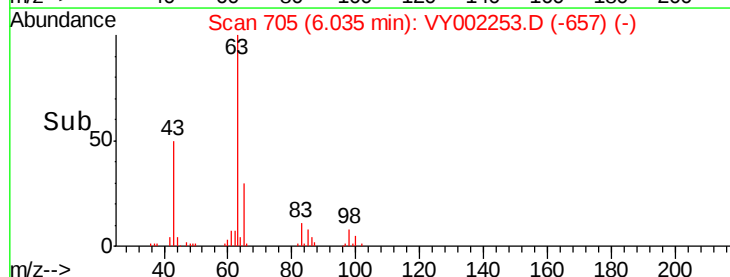
15000

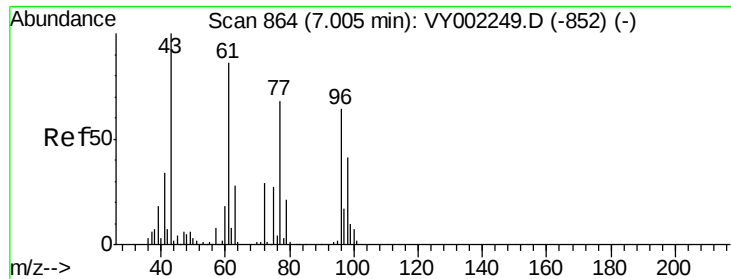
10000

5000

0

Time--> 5.90 6.00 6.10 6.20

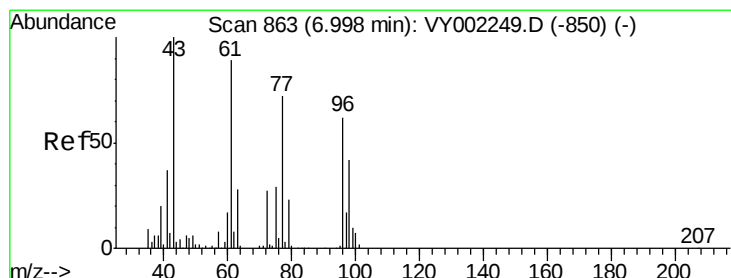
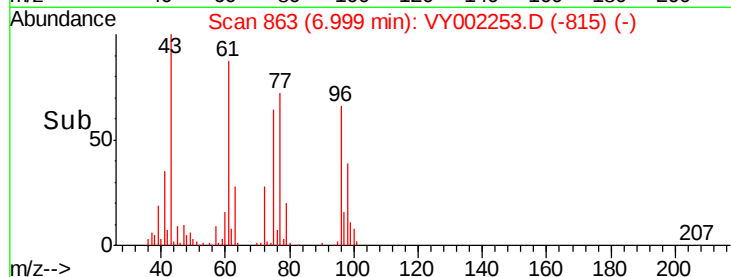
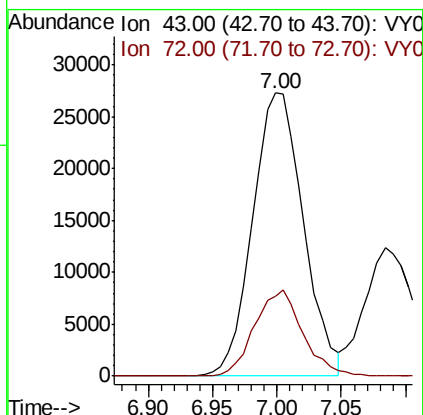
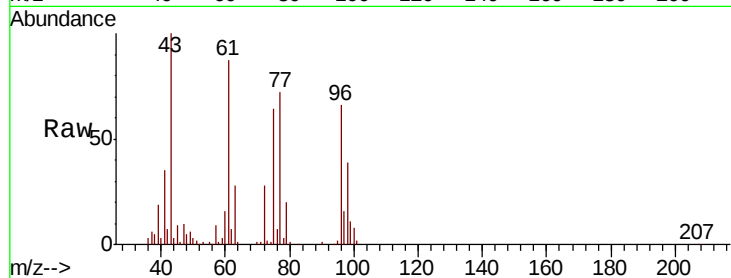




#25
2-Butanone
Concen: 101.556 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

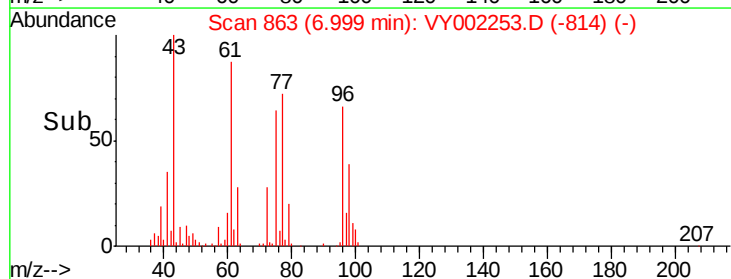
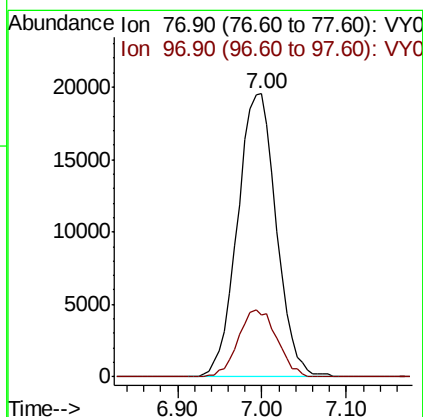
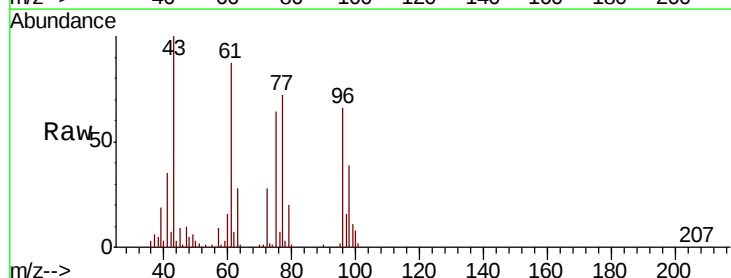
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

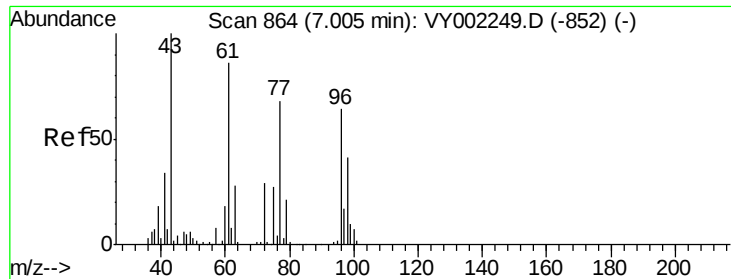
Tot Ion: 43 Resp: 74575
Ion Ratio Lower Upper
43 100
72 28.1 23.2 34.8



#26
2,2-Dichloropropane
Concen: 20.612 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion: 77 Resp: 60965
Ion Ratio Lower Upper
77 100
97 23.7 12.2 36.6

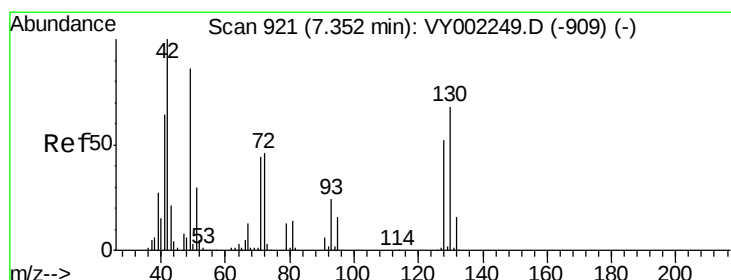
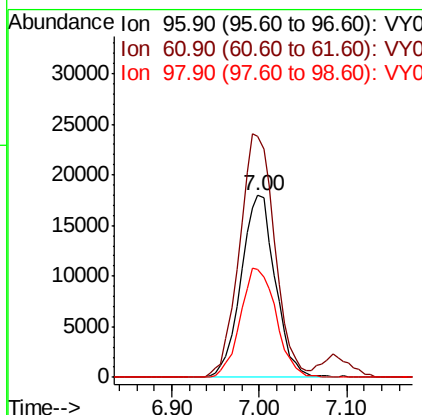
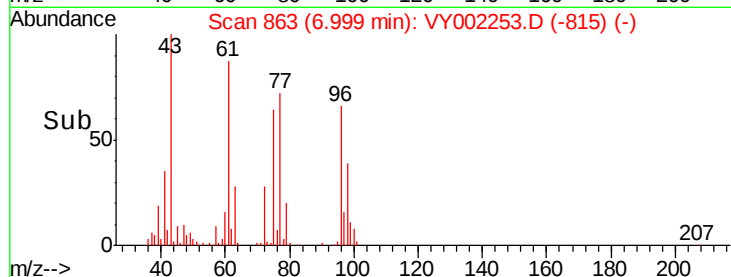
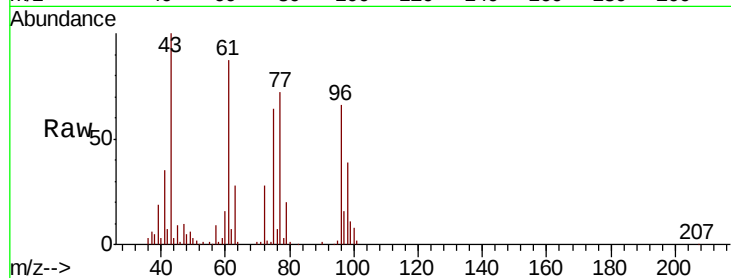




#27
 cis-1,2-Dichloroethene
 Concen: 20.814 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

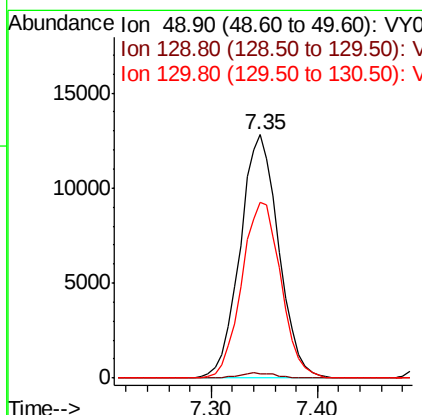
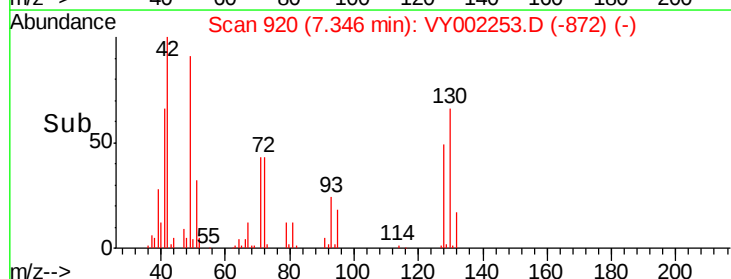
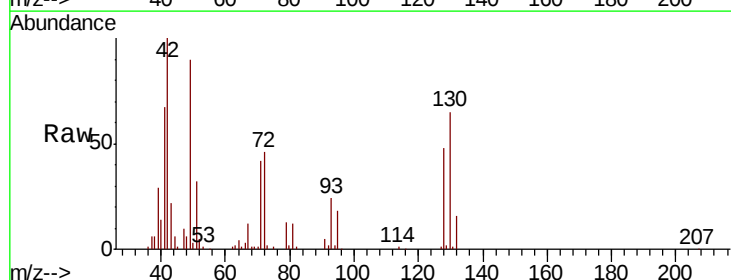
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

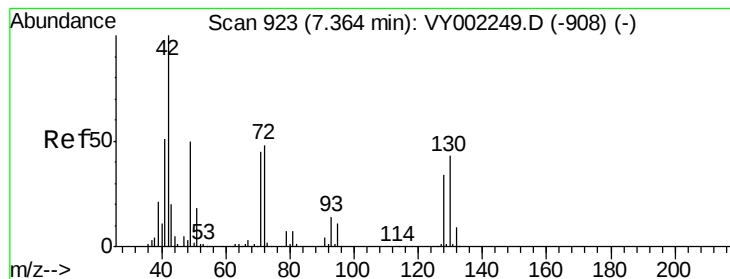
Tot Ion: 96 Resp: 48717
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 278.0
 98 62.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.299 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 49 Resp: 32509
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 73.3 60.9 91.3





#29

Tetrahydrofuran

Concen: 104.492 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

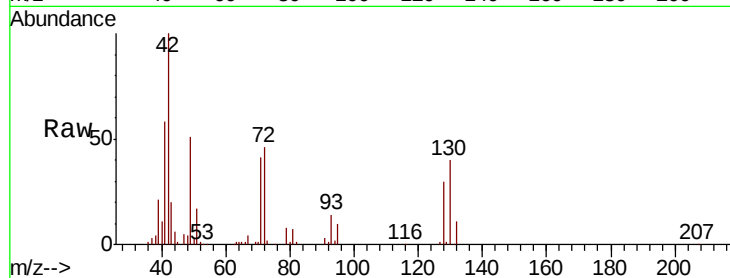
Tot Ion: 42 Resp: 50721

Ion Ratio Lower Upper

42 100

72 44.0 36.7 55.1

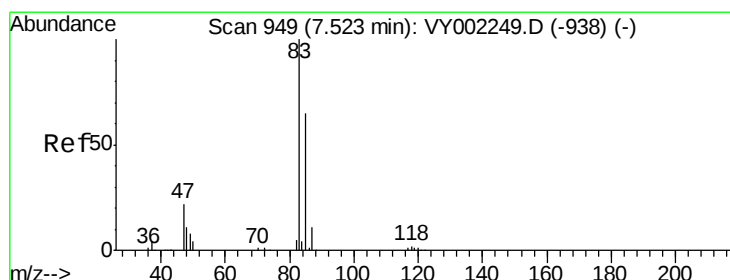
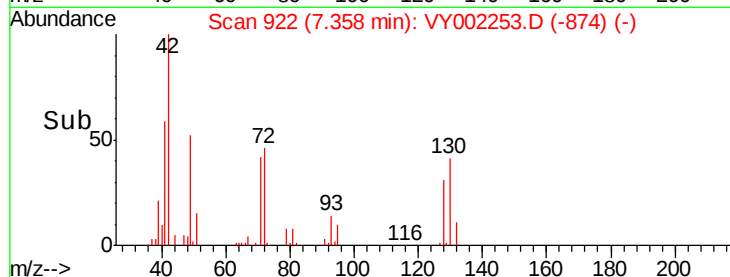
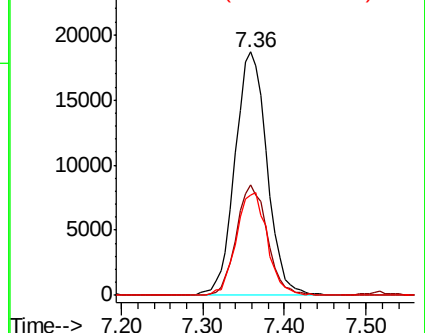
71 41.0 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.080 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002253.D

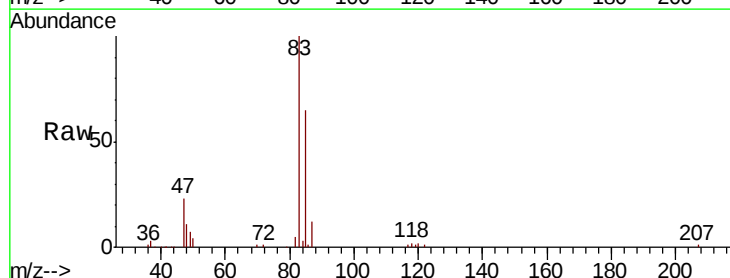
Acq: 08 Apr 2020 16:34

Tgt Ion: 83 Resp: 70260

Ion Ratio Lower Upper

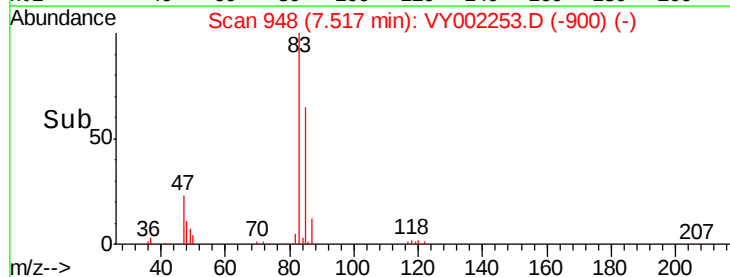
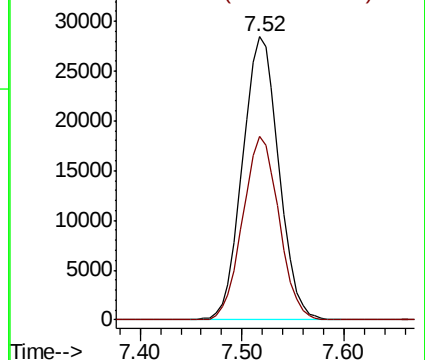
83 100

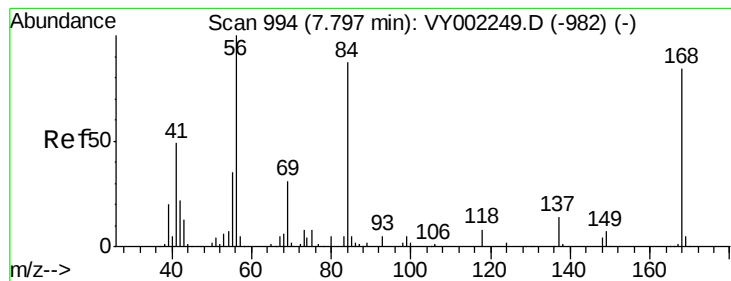
85 64.8 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.843 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

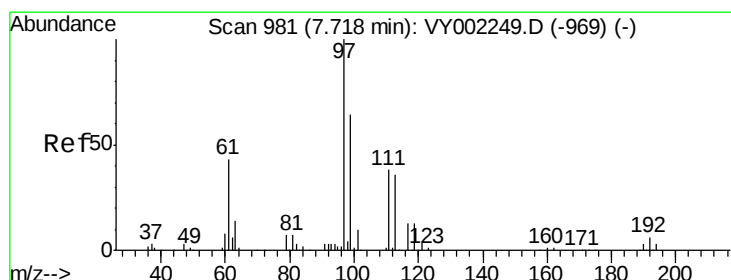
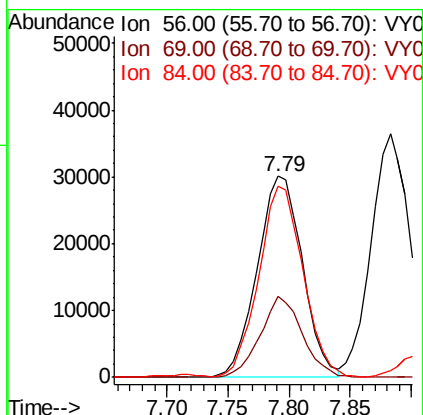
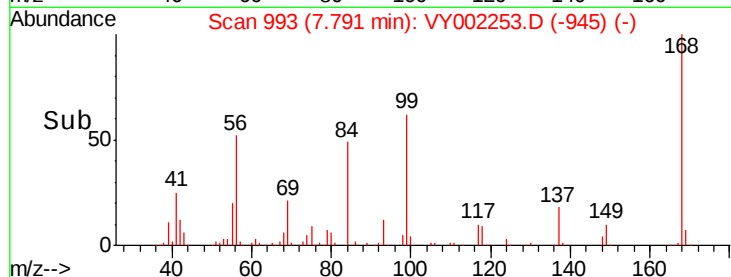
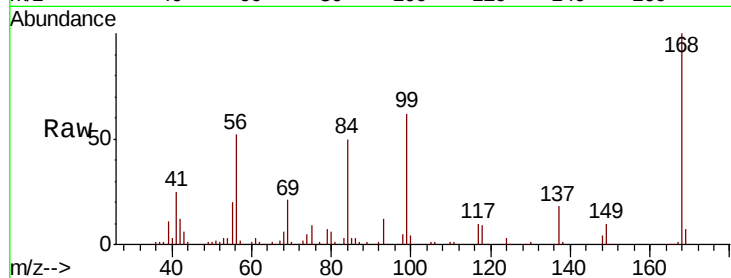
Tot Ion: 56 Resp: 77361

Ion Ratio Lower Upper

56 100

69 40.1 25.0 37.6#

84 93.9 69.7 104.5



#32

1,1,1-Trichloroethane

Concen: 21.072 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

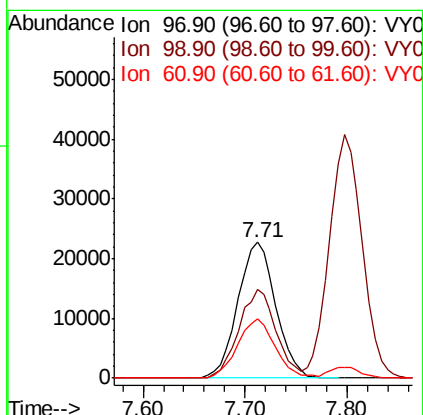
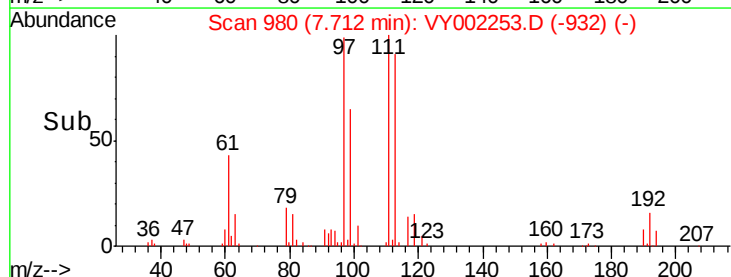
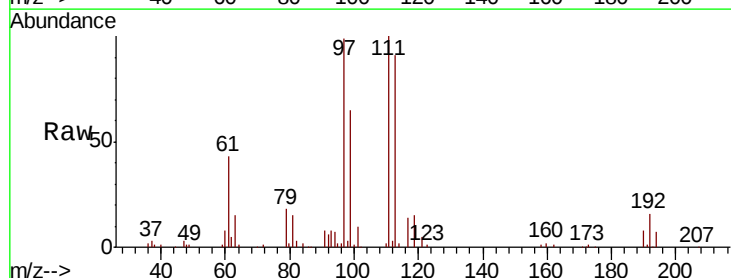
Tgt Ion: 97 Resp: 58460

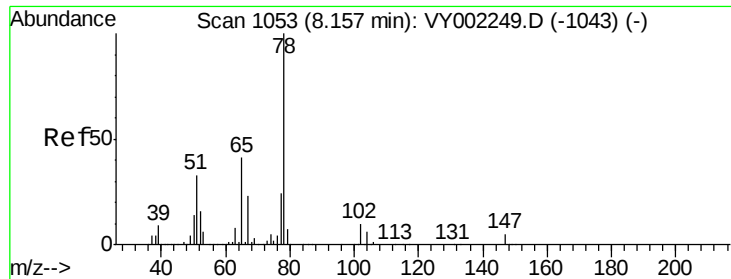
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 43.2 34.3 51.5

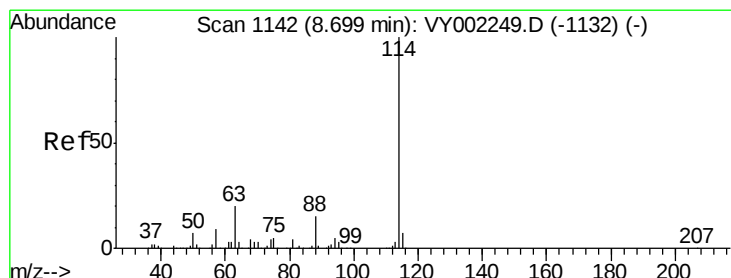
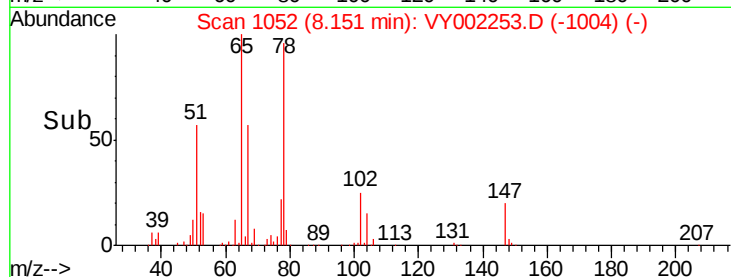
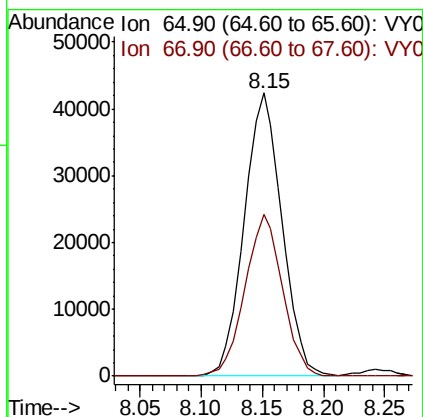
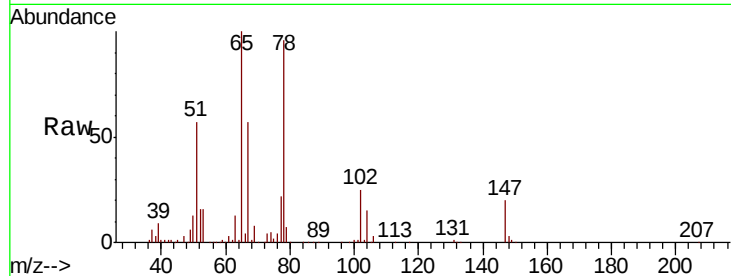




#33
 1,2-Dichloroethane-d4
 Concen: 51.621 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

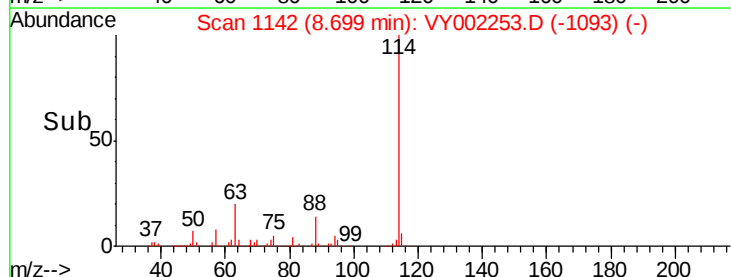
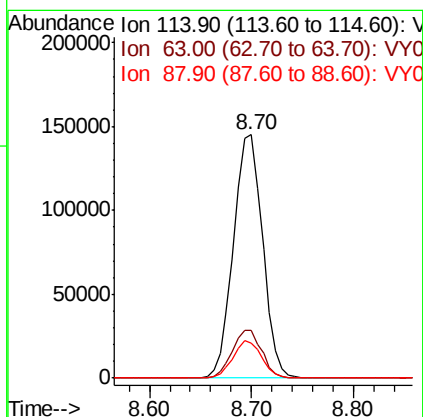
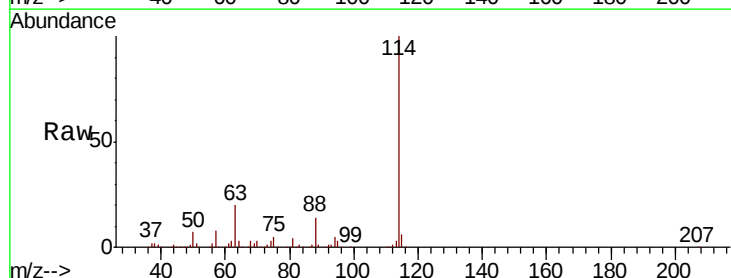
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

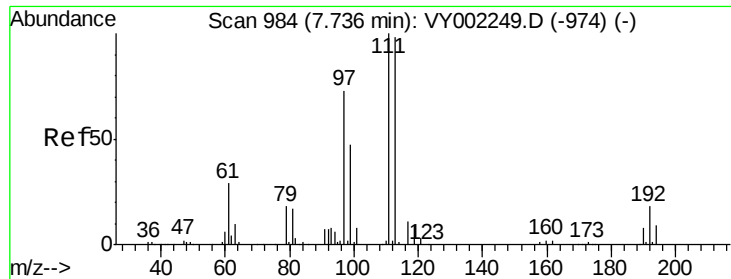
Tot Ion: 65 Resp: 90943
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 114 Resp: 287272
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 14.5 0.0 31.0

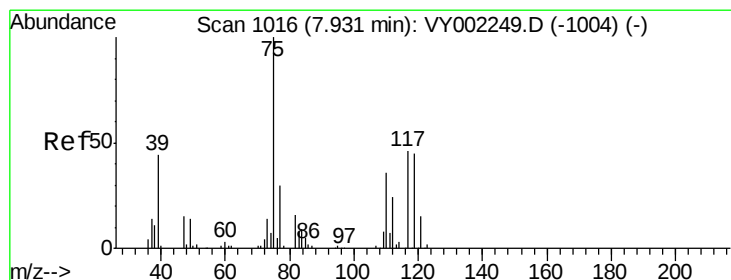
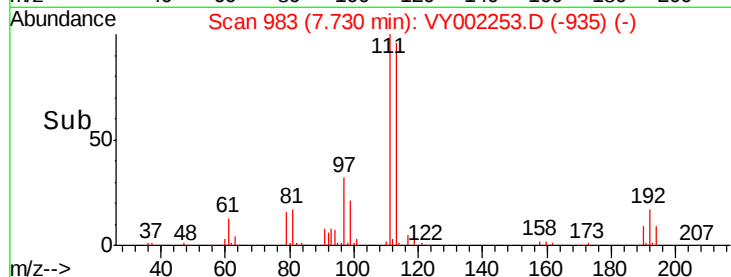
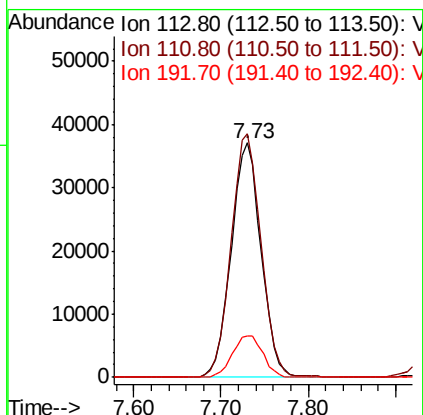
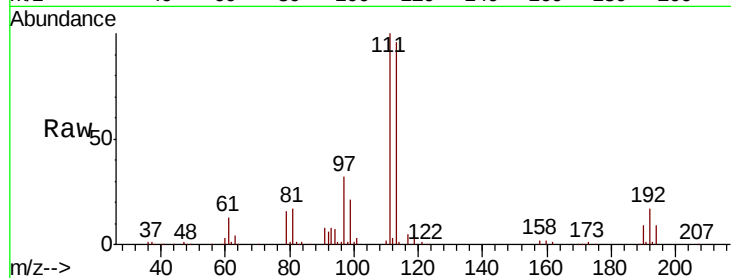




#35
 Dibromofluoromethane
 Concen: 51.540 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

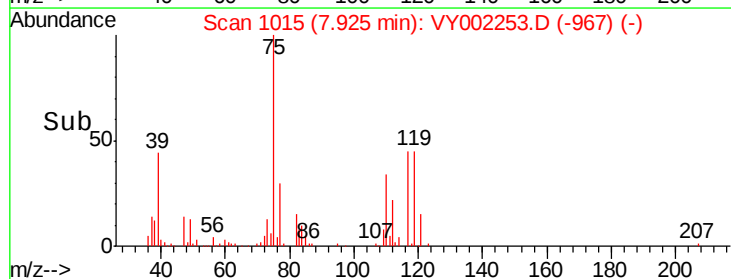
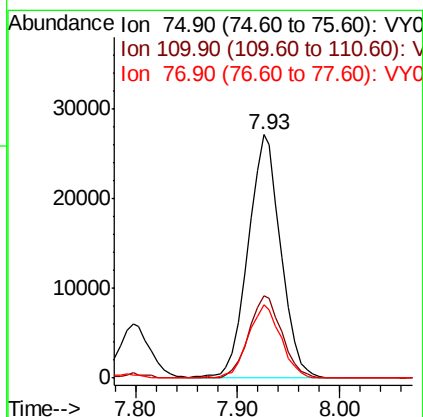
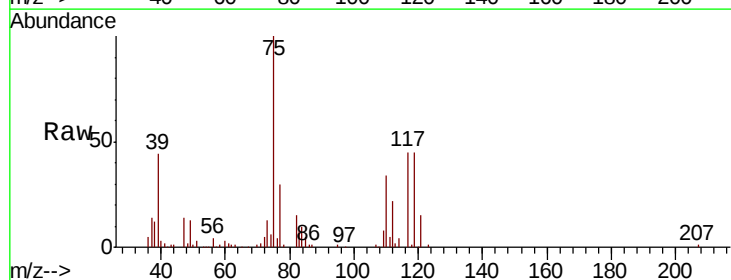
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

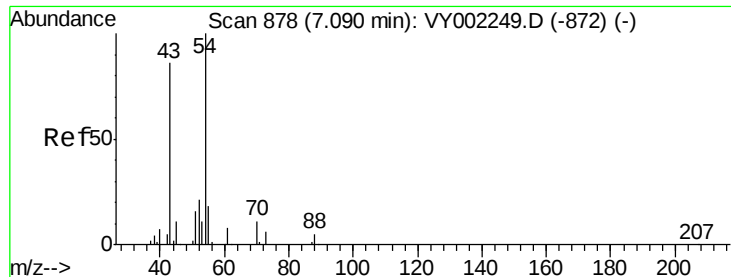
Tot Ion:113 Resp: 88101
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.5 125.3
 192 18.1 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 21.346 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 75 Resp: 60400
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.8 53.3
 77 30.3 24.4 36.6

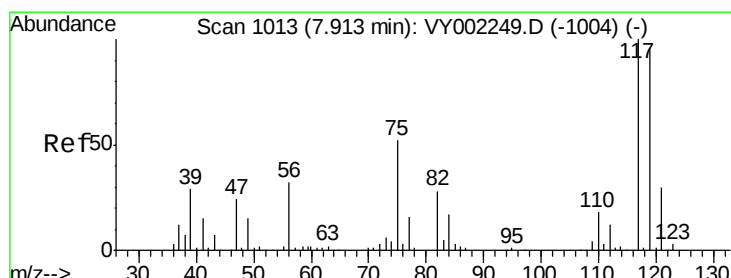
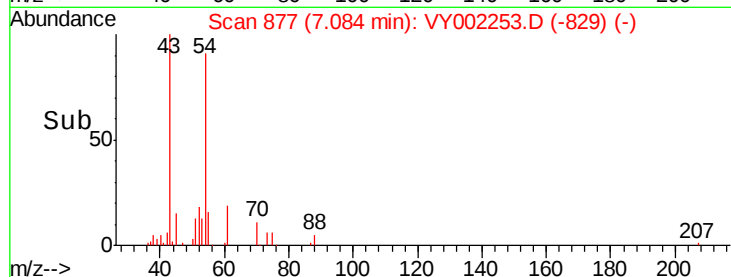
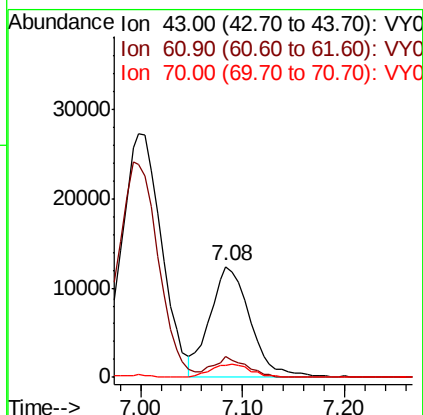
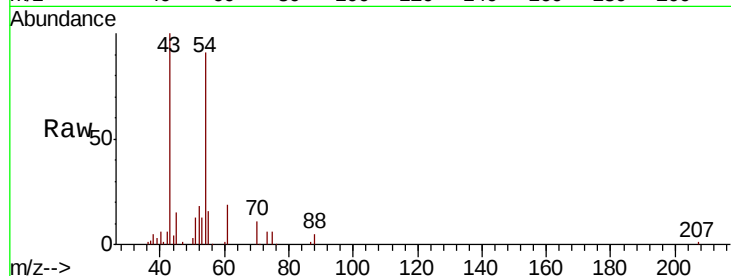




#37
Ethyl Acetate
Concen: 21.055 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

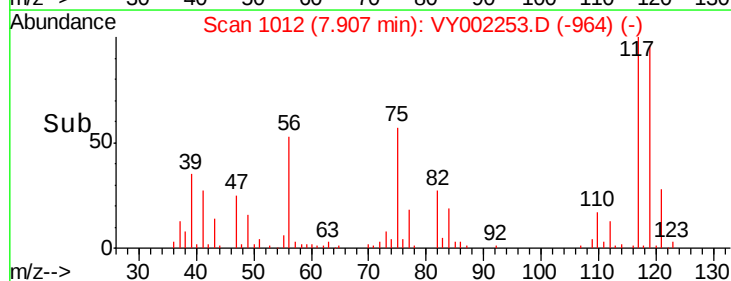
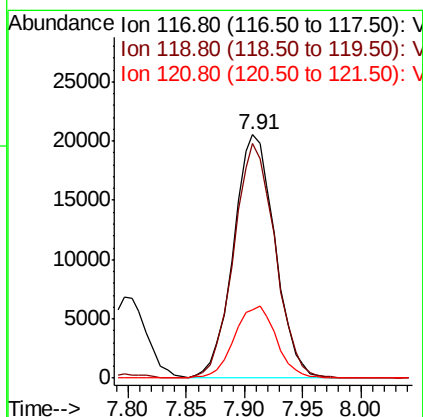
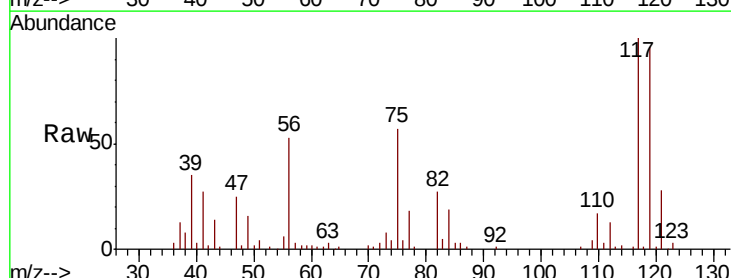
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

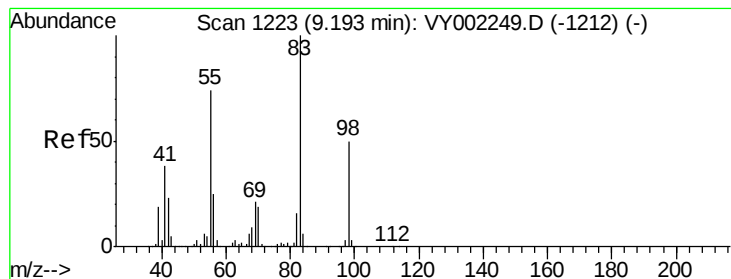
Tot Ion: 43 Resp: 34035
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.6
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.998 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion: 117 Resp: 50822
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
121 27.9 23.9 35.9





#39

Methvlcvclohexane

Concen: 20.675 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

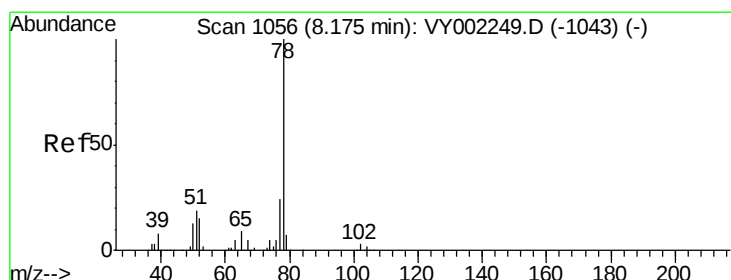
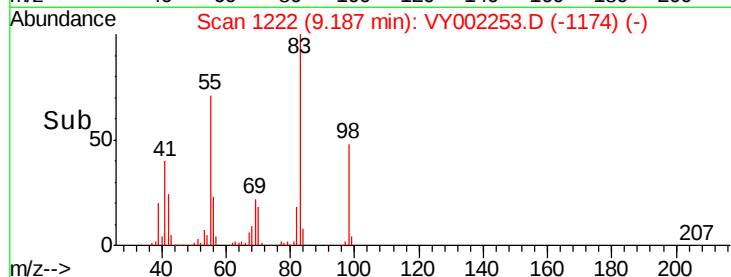
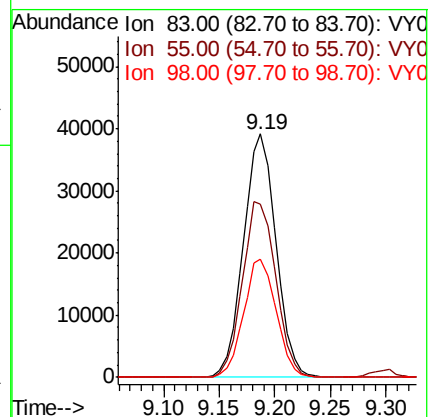
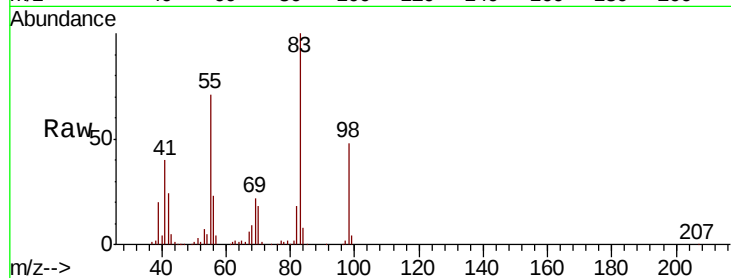
Tot Ion: 83 Resp: 79580

Ion Ratio Lower Upper

83 100

55 71.0 59.3 88.9

98 48.3 39.6 59.4



#40

Benzene

Concen: 21.073 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY002253.D

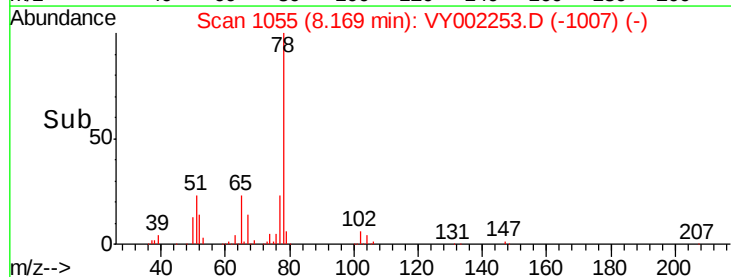
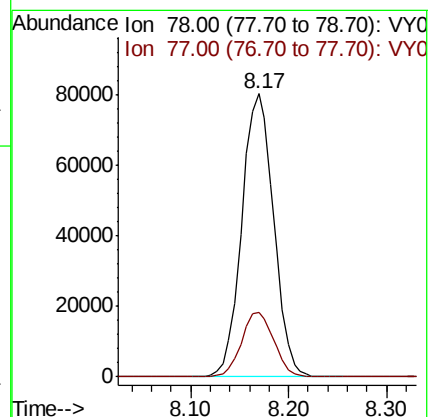
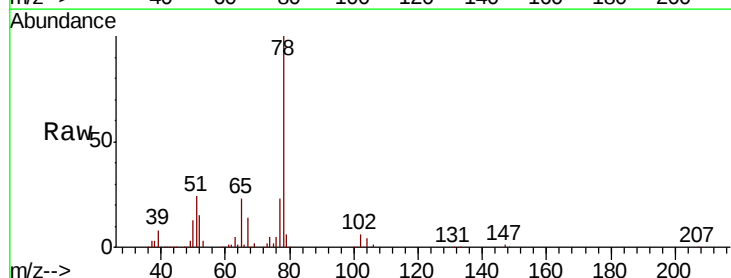
Acq: 08 Apr 2020 16:34

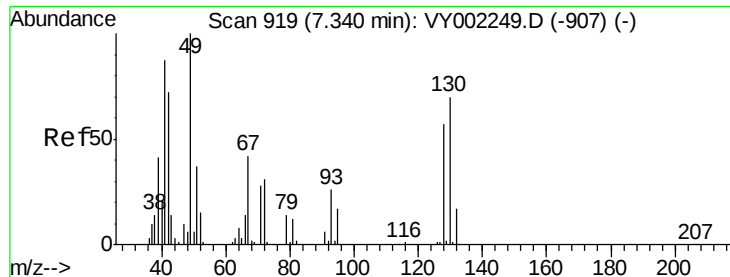
Tgt Ion: 78 Resp: 180912

Ion Ratio Lower Upper

78 100

77 22.8 18.9 28.3

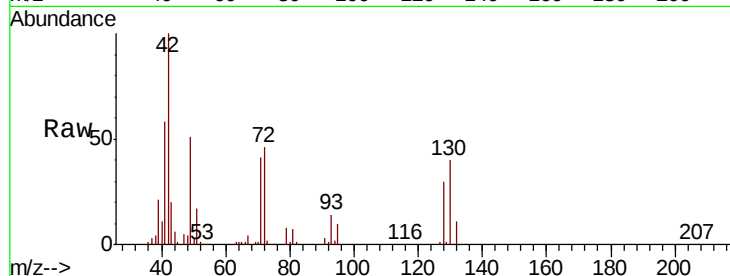




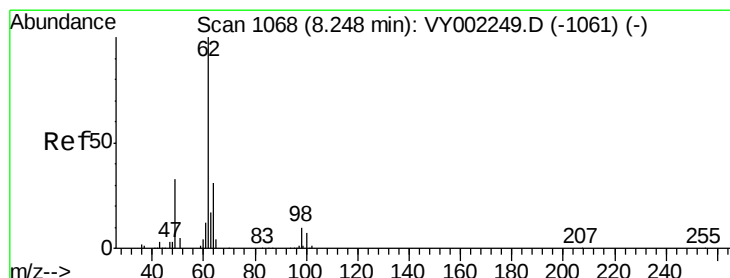
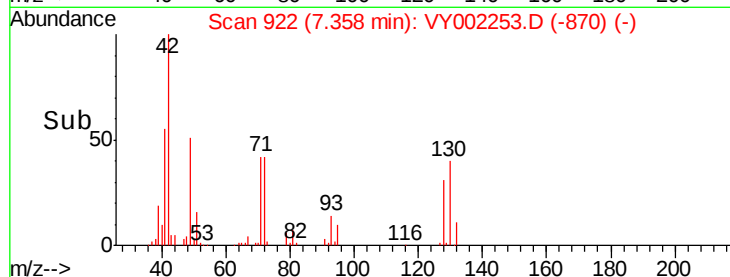
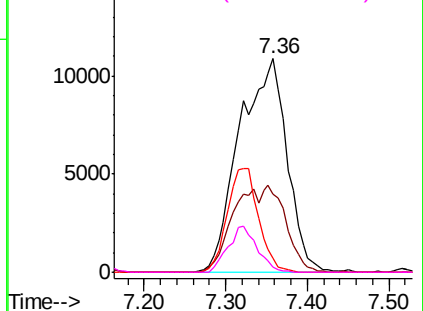
#41
Methacrylonitrile
Concen: 46.094 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion:	41	Resp:	43955
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

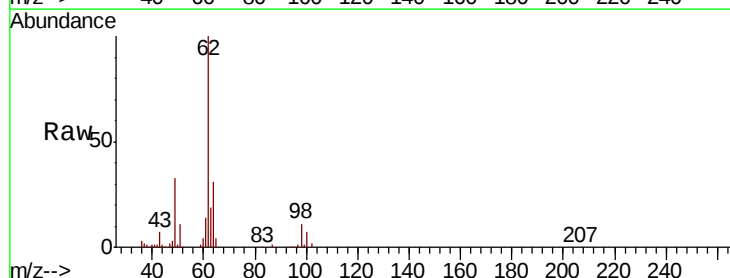


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

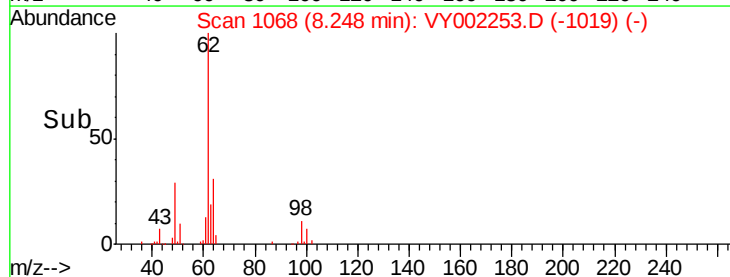
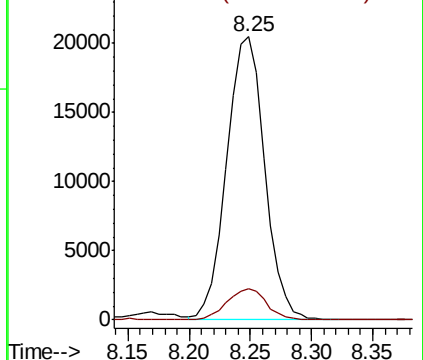


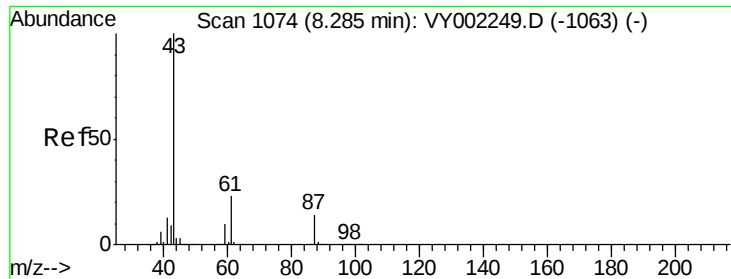
#42
1,2-Dichloroethane
Concen: 20.778 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion:	62	Resp:	44187
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



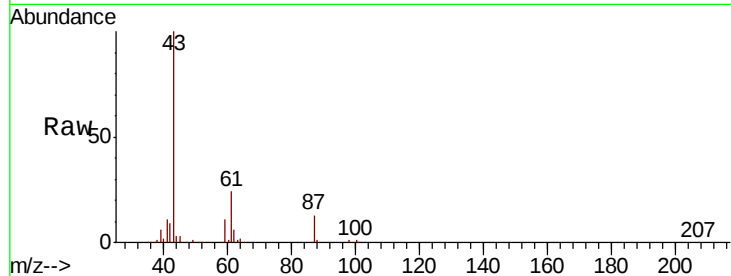


#43

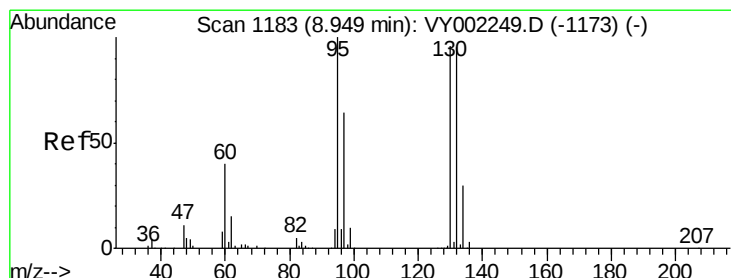
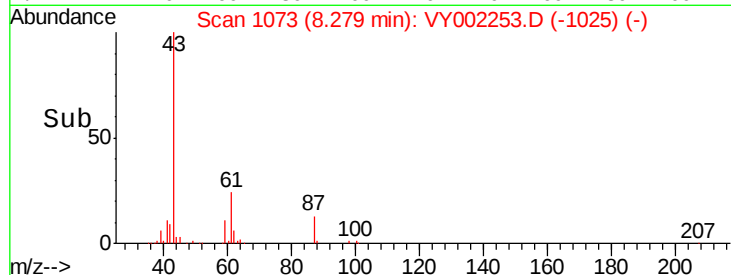
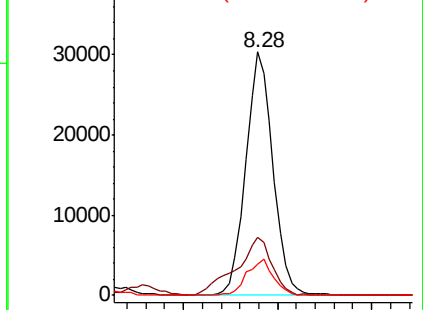
Isopropyl Acetate
 Concen: 20.774 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion	43	Resp	61243
Ion Ratio	Lower	Upper	
43	100		
61	31.3	24.9	37.3
87	14.4	11.7	17.5



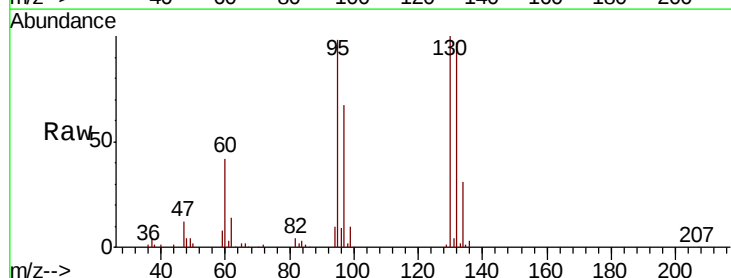
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



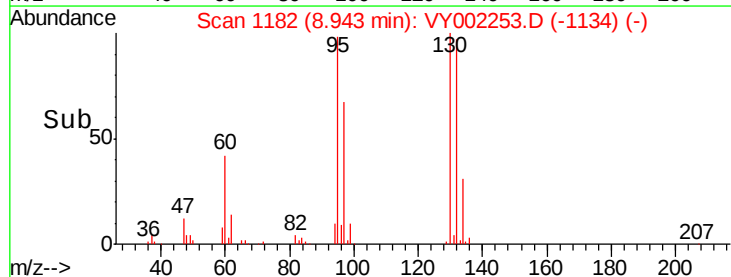
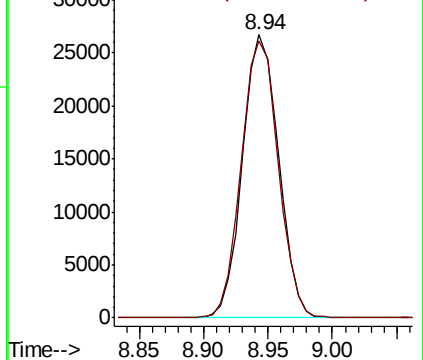
#44

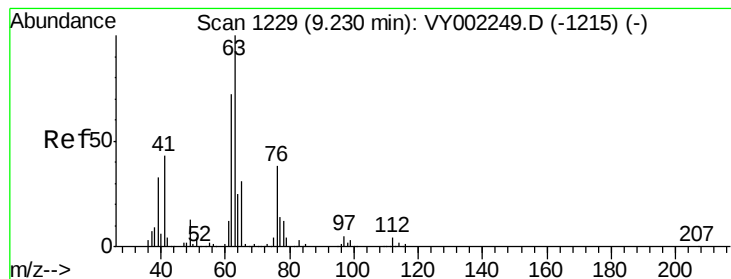
Trichloroethene
 Concen: 20.544 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion	130	Resp	51853
Ion Ratio	Lower	Upper	
130	100		
95	98.0	0.0	208.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 21.226 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

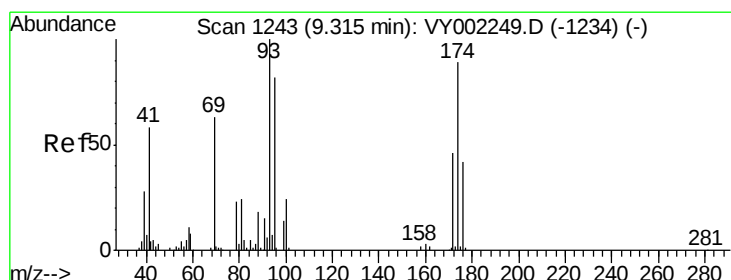
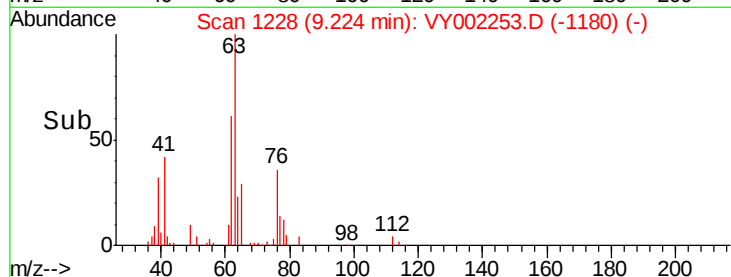
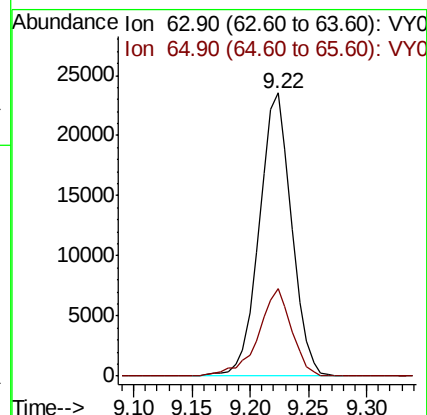
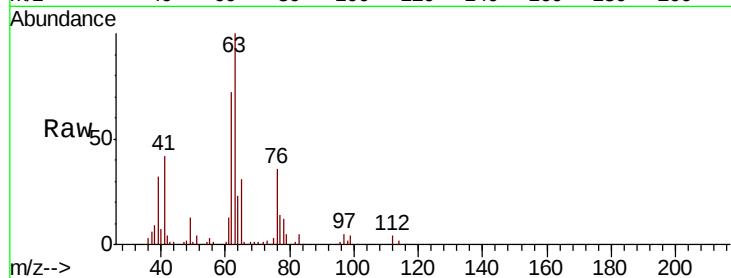
VY0408SBS01

Tot Ion: 63 Resp: 45214

Ion Ratio Lower Upper

63 100

65 31.0 24.6 37.0



#46

Dibromomethane

Concen: 20.488 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

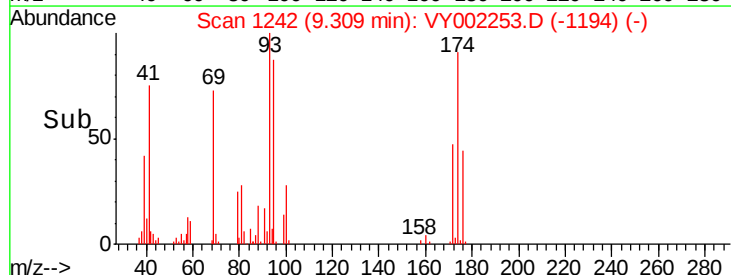
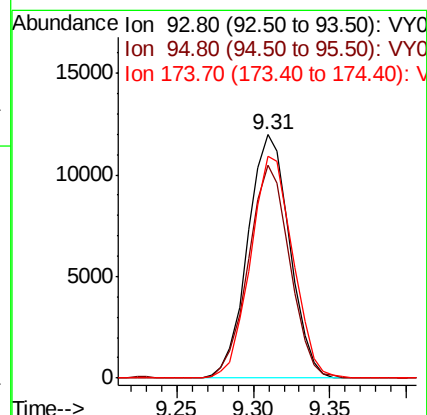
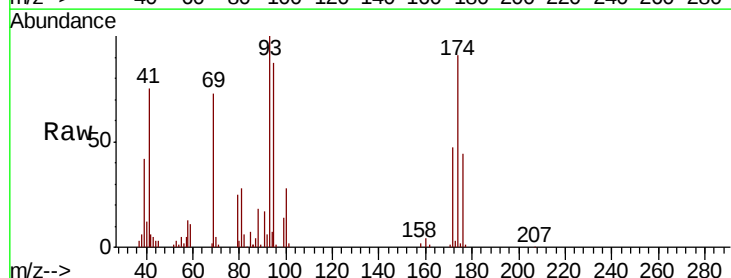
Tgt Ion: 93 Resp: 22818

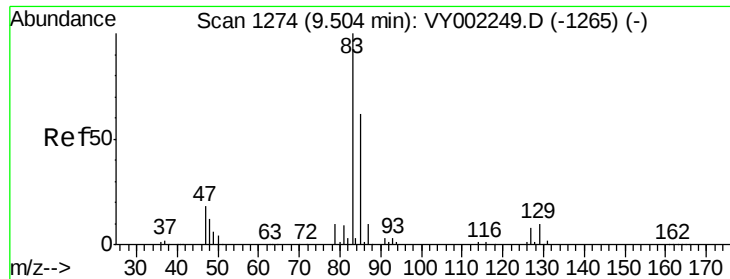
Ion Ratio Lower Upper

93 100

95 86.2 67.3 100.9

174 91.7 72.5 108.7





#47

Bromodichloromethane

Concen: 20.901 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

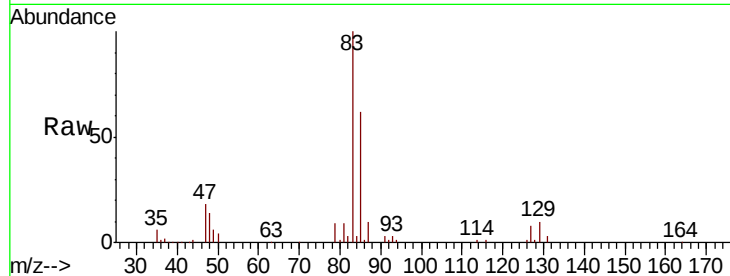
Tot Ion: 83 Resp: 53411

Ion Ratio Lower Upper

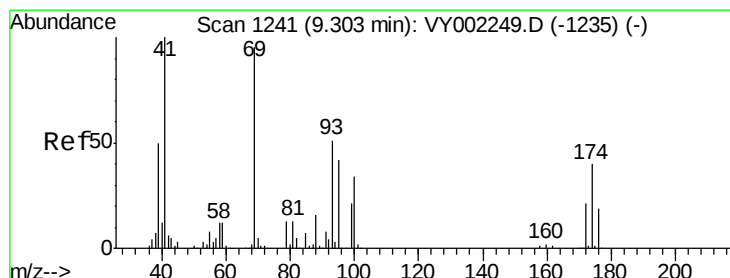
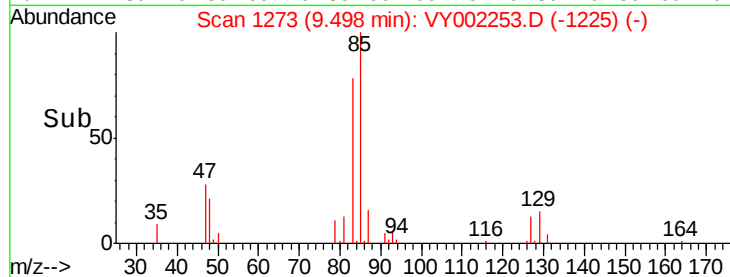
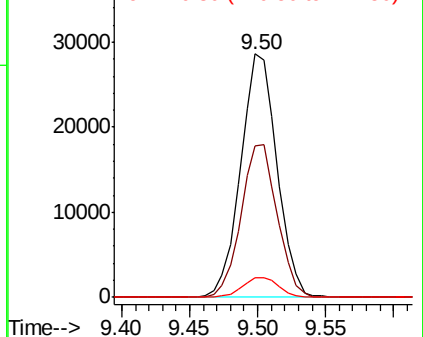
83 100

85 62.4 49.7 74.5

127 8.1 6.2 9.4



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



#48

Methyl methacrylate

Concen: 21.127 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

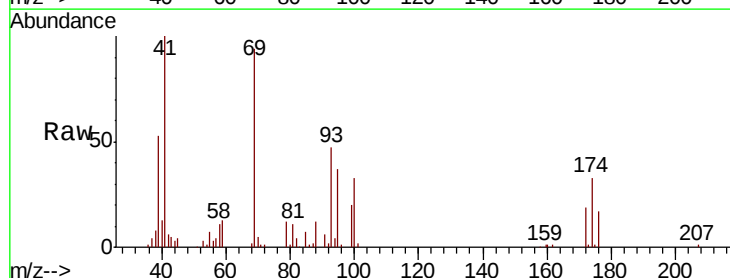
Tgt Ion: 41 Resp: 27928

Ion Ratio Lower Upper

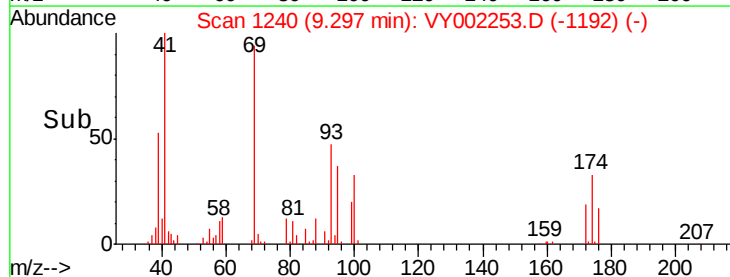
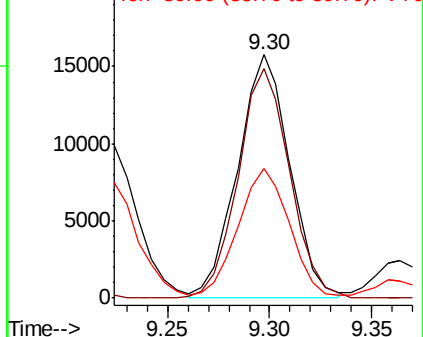
41 100

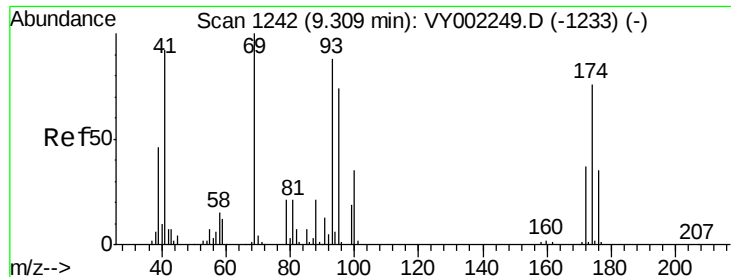
69 93.4 76.7 115.1

39 50.7 40.5 60.7



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

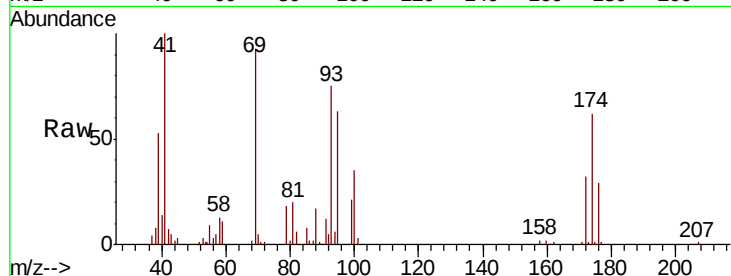




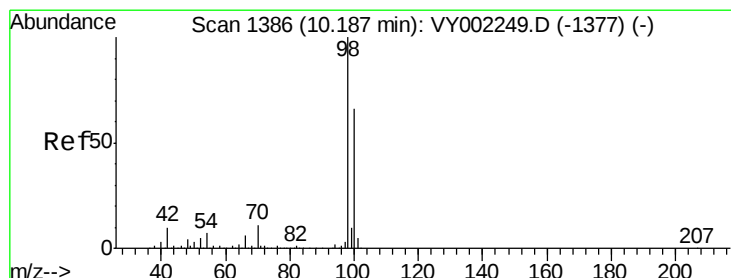
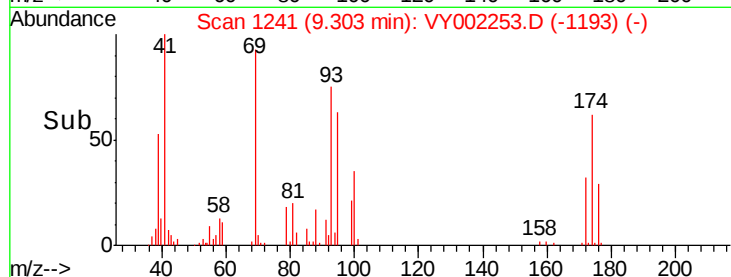
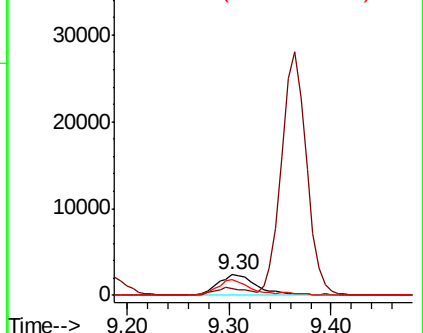
#49
 1,4-Dioxane
 Concen: 410.617 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion: 88 Resp: 6469
 Ion Ratio Lower Upper
 88 100
 43 30.9 22.2 33.2
 58 62.0 57.6 86.4

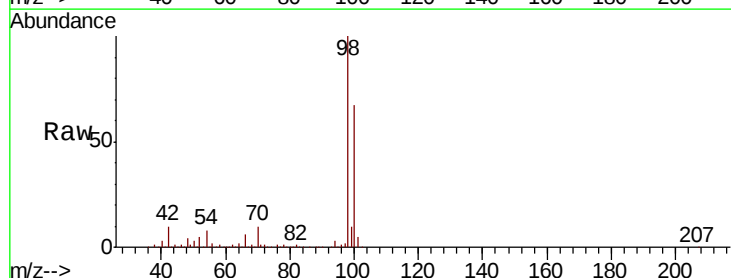


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

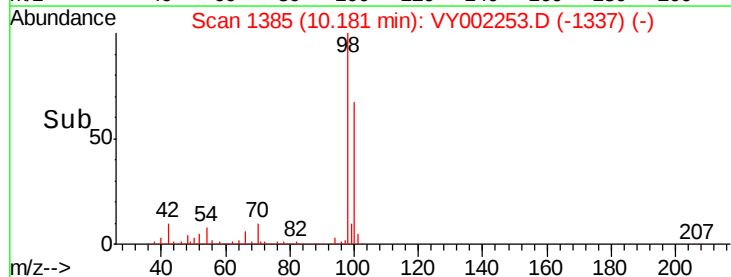
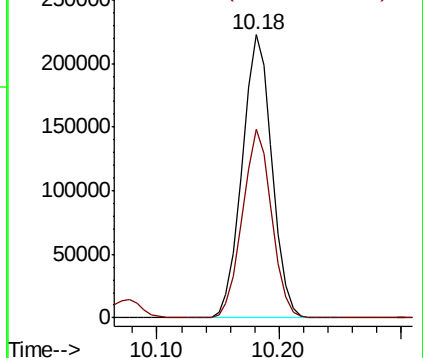


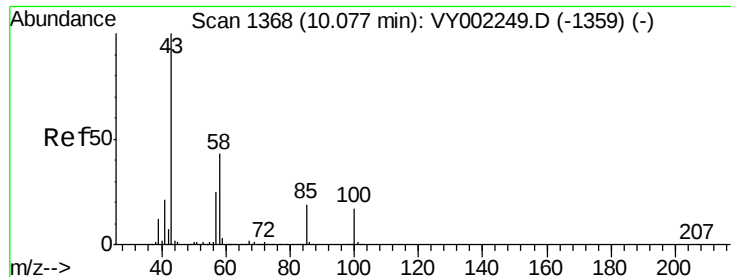
#50
 Toluene-d8
 Concen: 52.368 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 98 Resp: 374680
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.6 78.8



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: 103.621 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

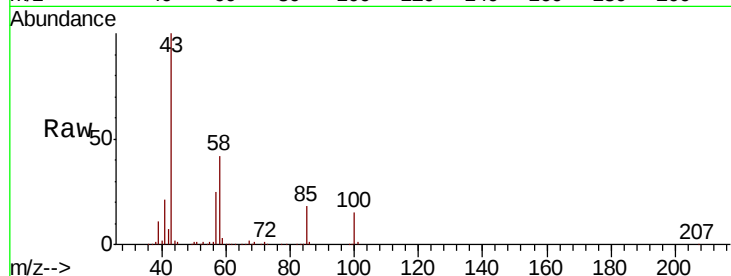
VY0408SBS01

Tot Ion: 43 Resp: 159183

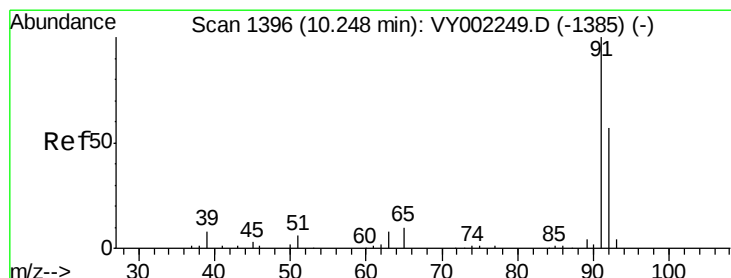
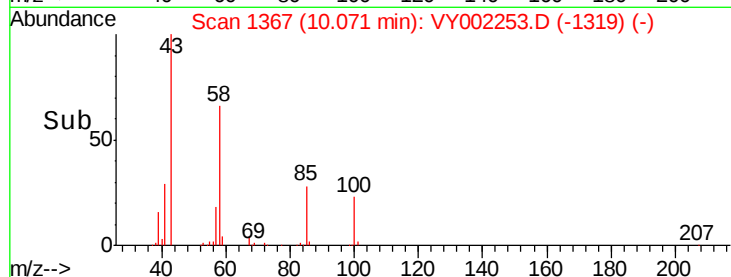
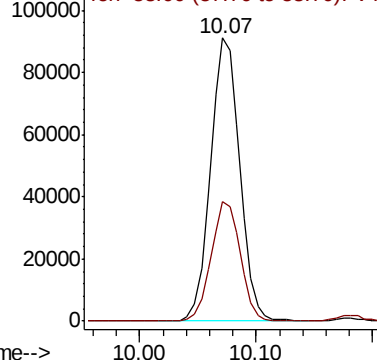
Ion Ratio Lower Upper

43 100

58 42.1 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.898 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY002253.D

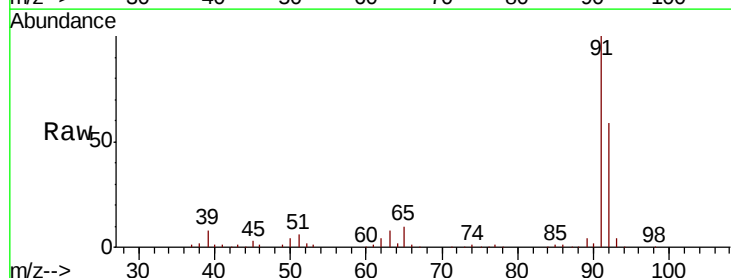
Acq: 08 Apr 2020 16:34

Tgt Ion: 92 Resp: 108119

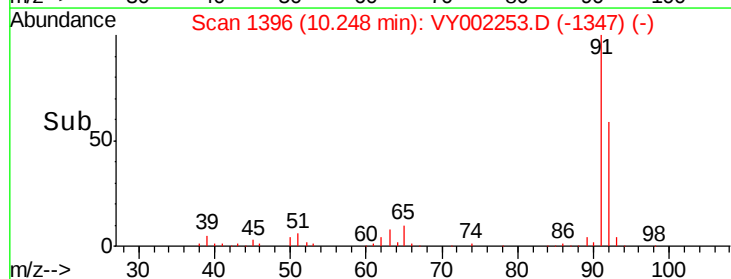
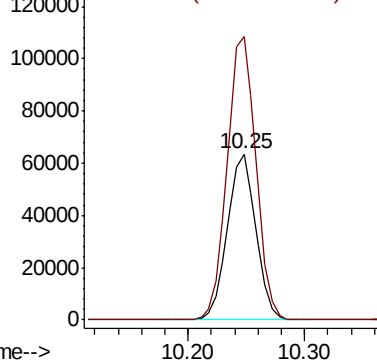
Ion Ratio Lower Upper

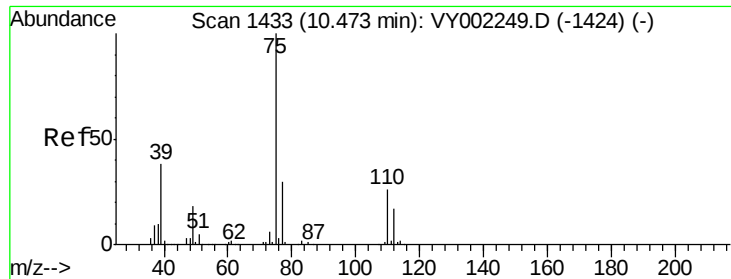
92 100

91 173.5 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY0
Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 21.011 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

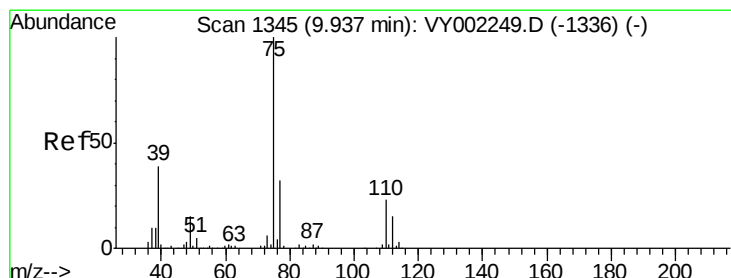
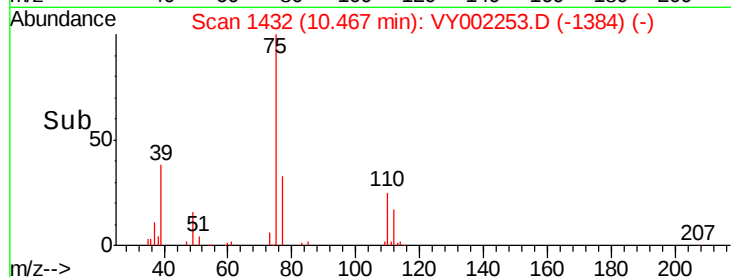
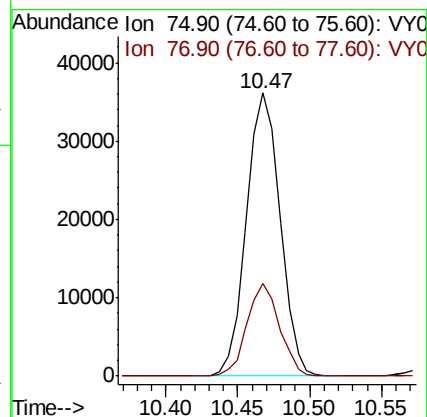
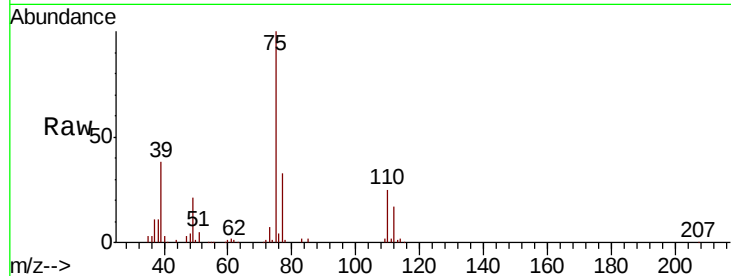
VY0408SBS01

Tot Ion: 75 Resp: 58502

Ion Ratio Lower Upper

75 100

77 32.9 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 20.681 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

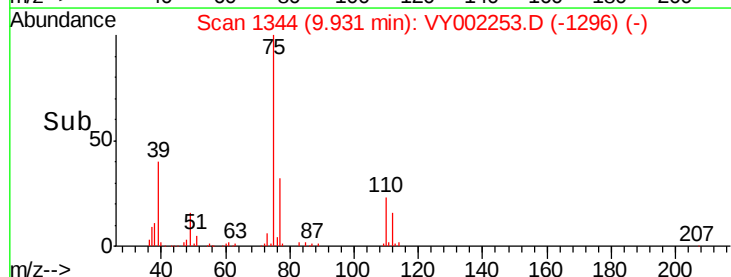
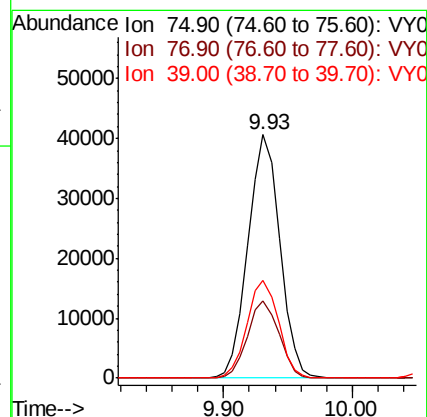
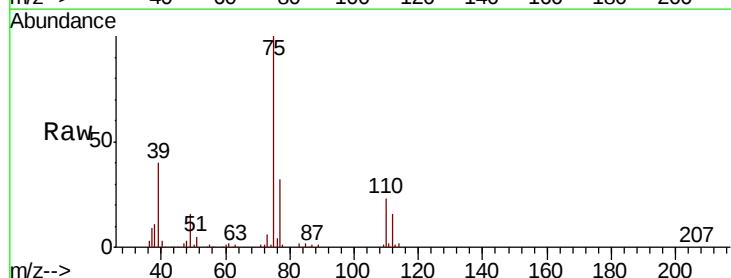
Tgt Ion: 75 Resp: 69227

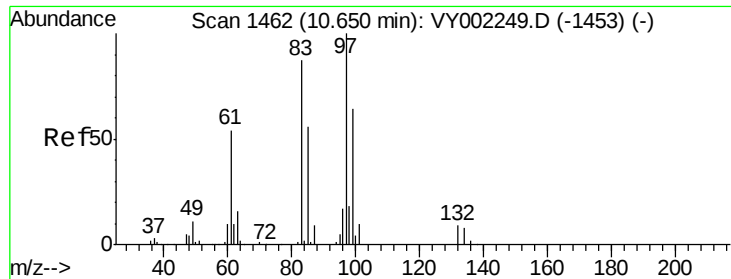
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 40.2 30.8 46.2

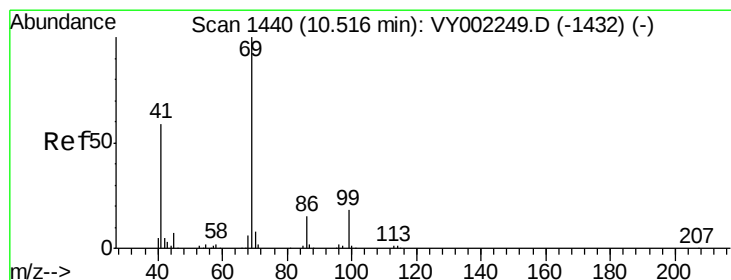
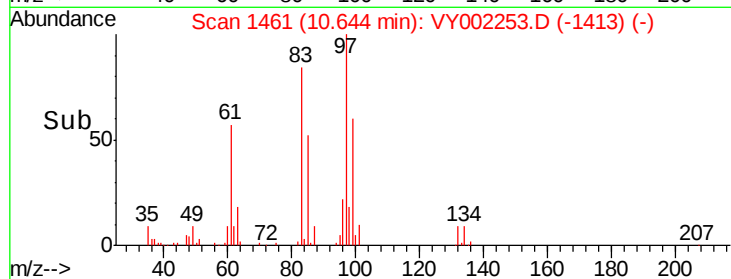
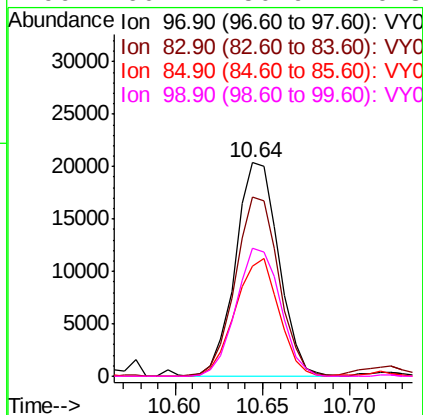
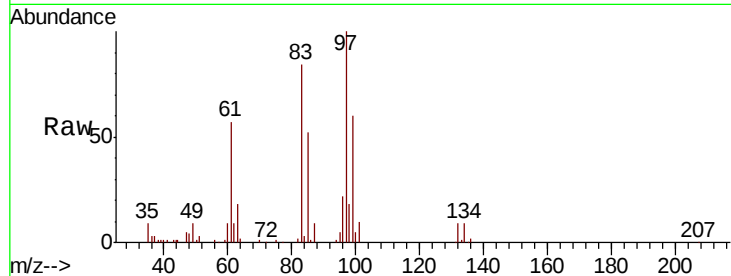




#55
 1,1,2-Trichloroethane
 Concen: 21.516 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

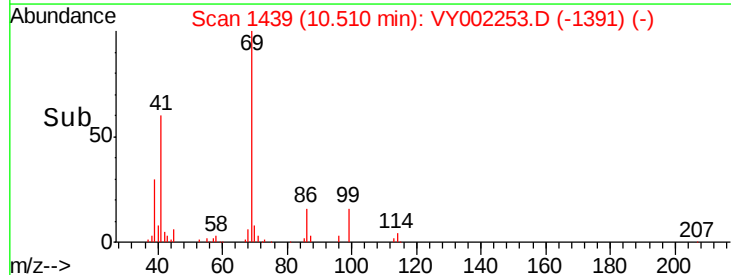
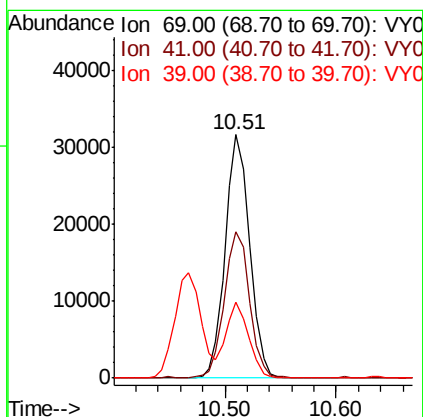
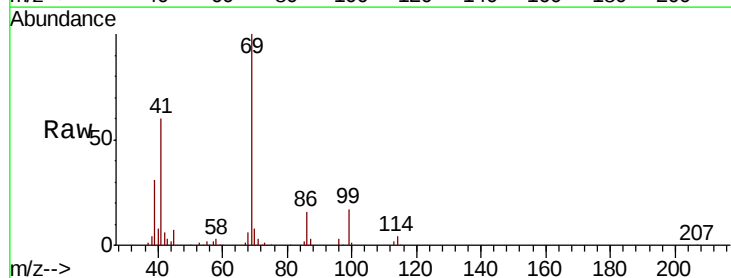
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

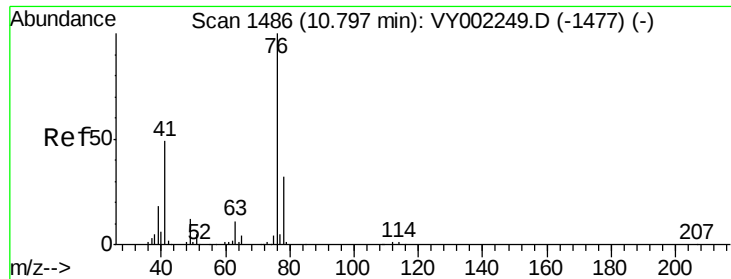
Tot Ion: 97 Resp: 35083
 Ion Ratio Lower Upper
 97 100
 83 83.6 69.5 104.3
 85 51.7 45.2 67.8
 99 60.2 50.9 76.3



#56
 Ethyl methacrylate
 Concen: 20.764 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 69 Resp: 48322
 Ion Ratio Lower Upper
 69 100
 41 62.0 47.9 71.9
 39 28.9 23.8 35.6

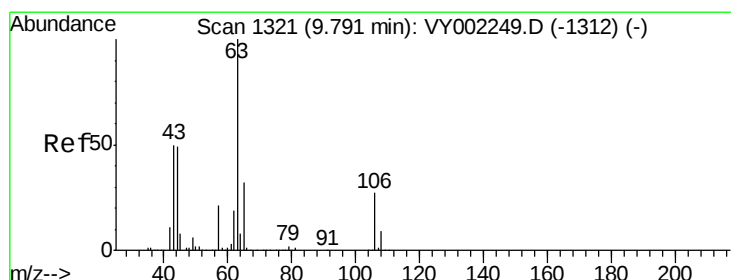
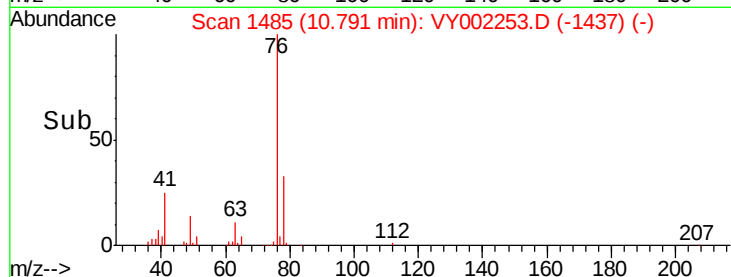
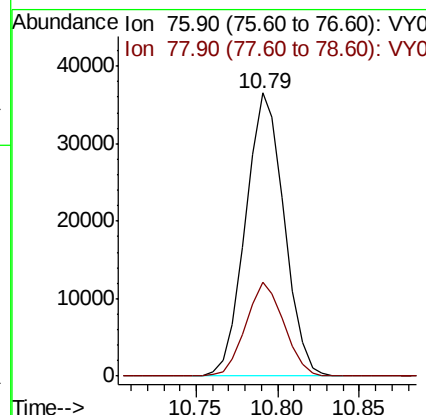
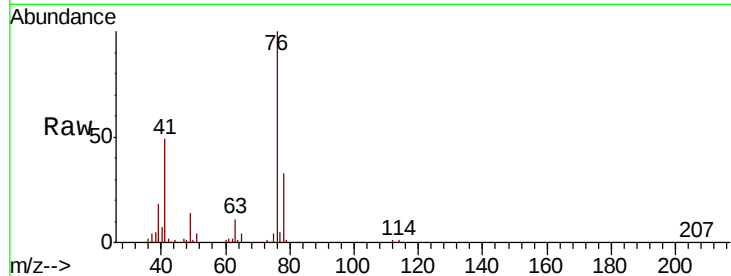




#57
 1,3-Dichloropropane
 Concen: 20.980 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

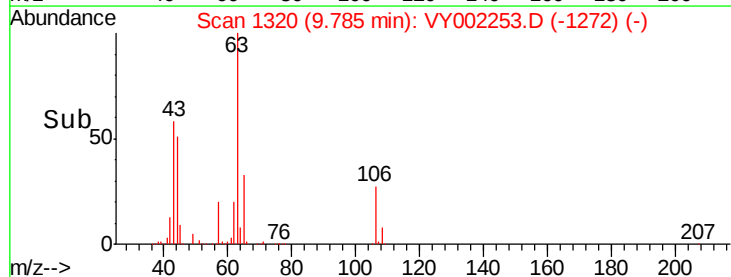
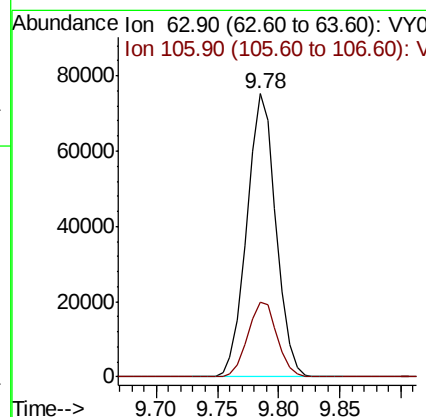
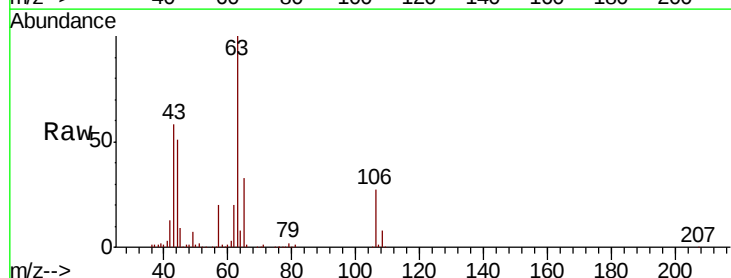
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

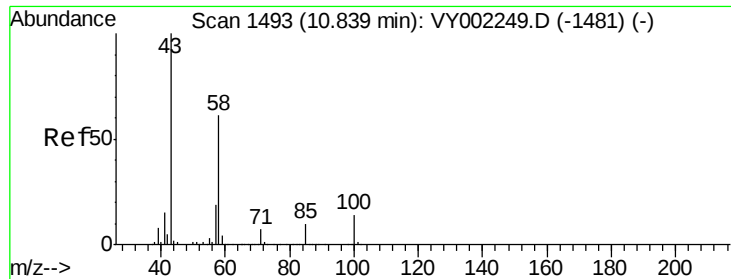
Tot Ion: 76 Resp: 60129
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.947 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 63 Resp: 124065
 Ion Ratio Lower Upper
 63 100
 106 26.7 22.2 33.2

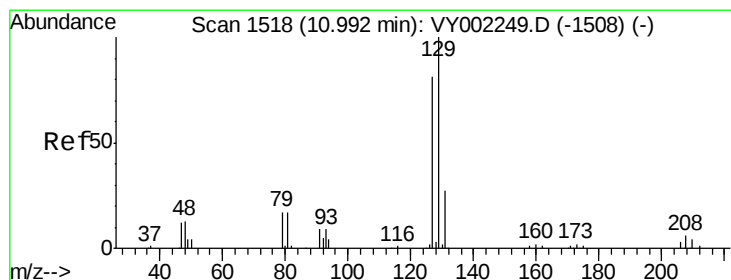
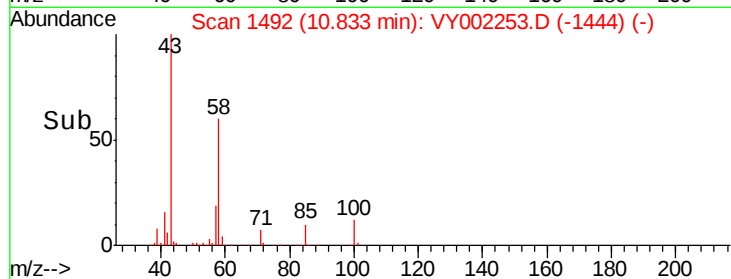
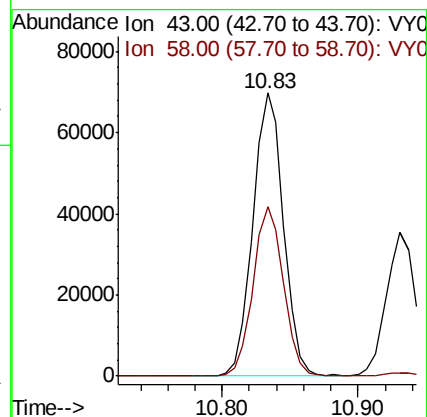
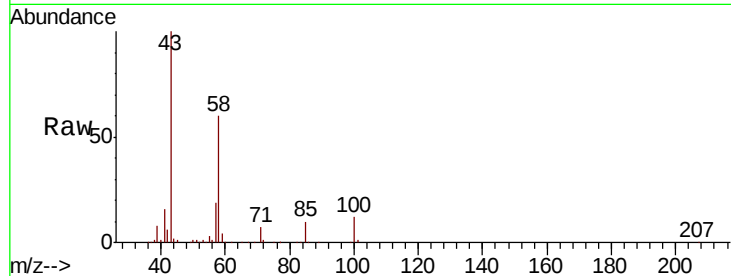




#59
2-Hexanone
Concen: 103.206 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

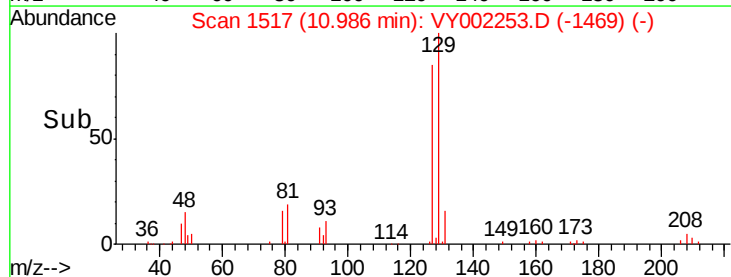
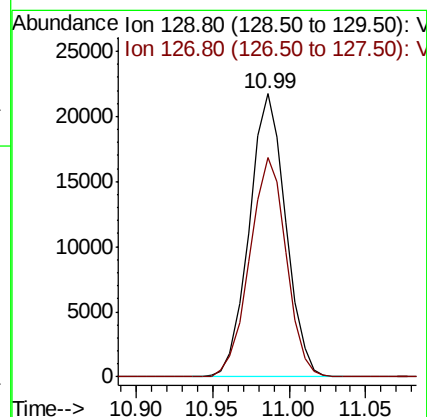
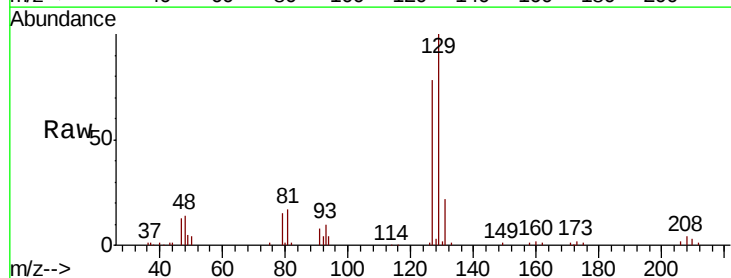
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

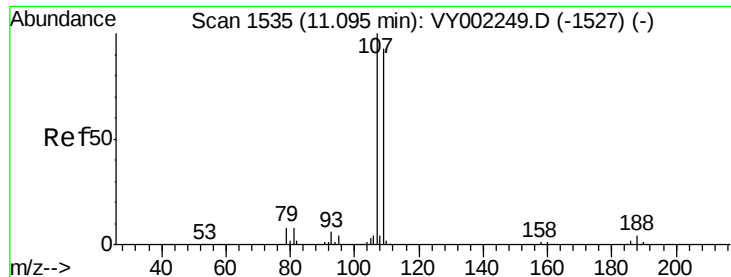
Tot Ion: 43 Resp: 110035
Ion Ratio Lower Upper
43 100
58 59.5 29.8 89.3



#60
Dibromochloromethane
Concen: 20.636 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion: 129 Resp: 35879
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

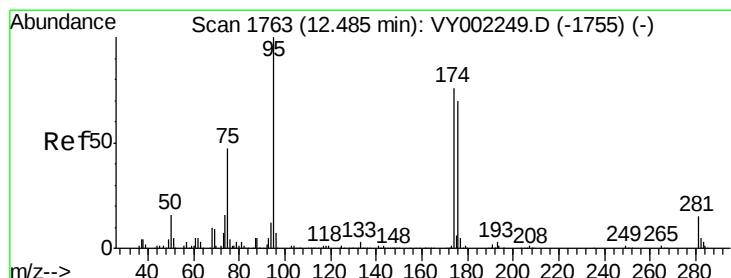
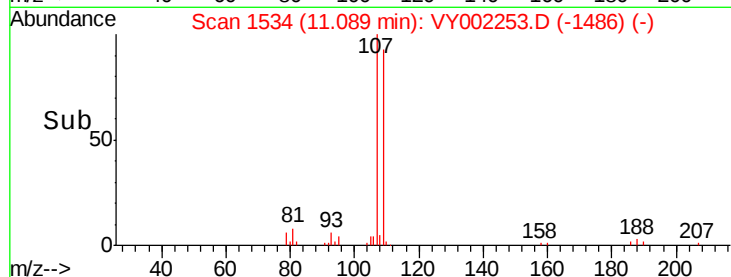
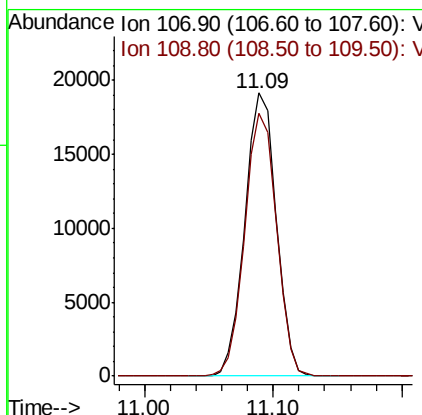
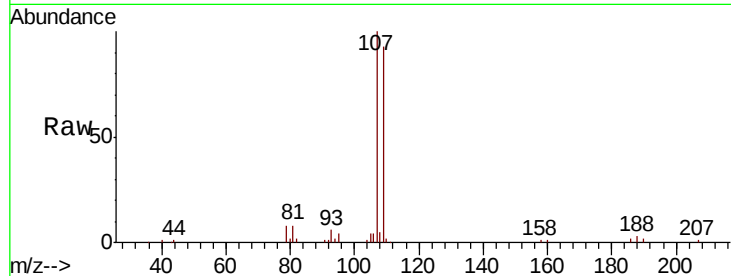




#61
 1,2-Dibromoethane
 Concen: 20.702 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

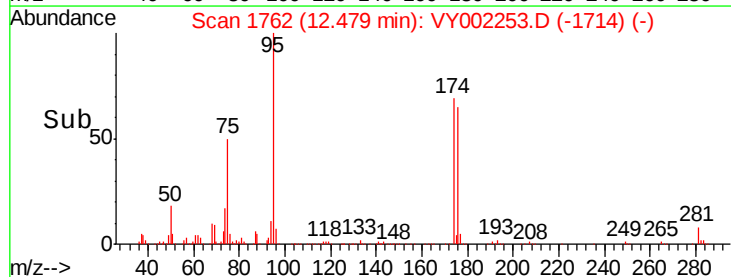
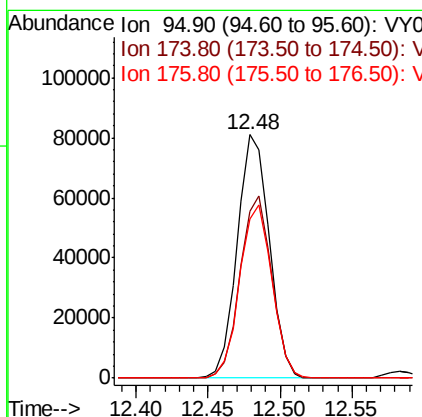
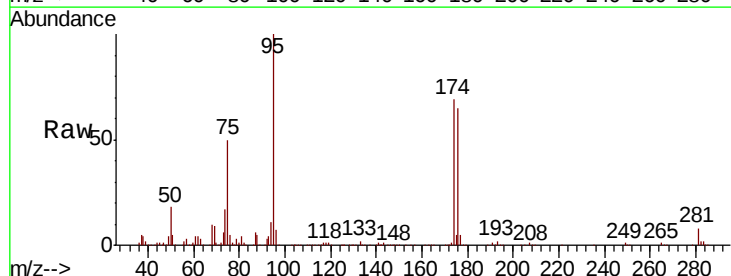
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBSD01

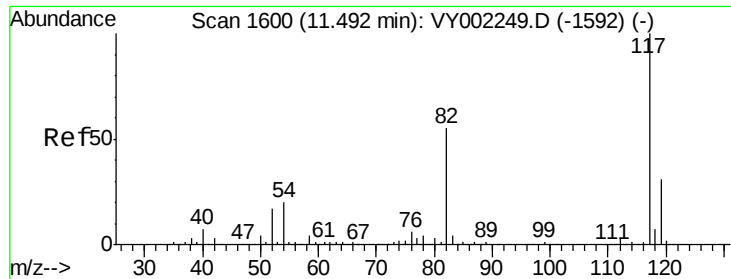
Tot Ion:107 Resp: 32135
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 53.342 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion: 95 Resp: 125910
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 150.6
 176 71.2 0.0 141.4

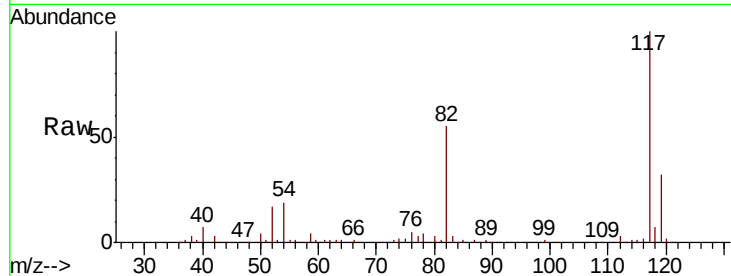




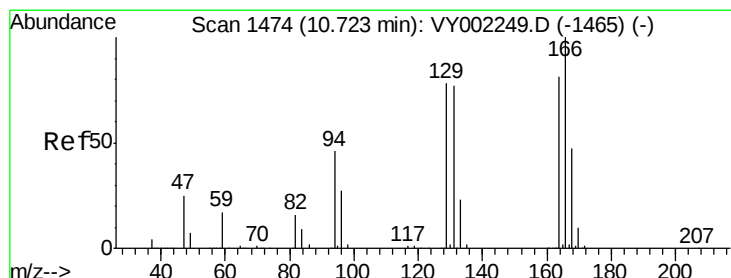
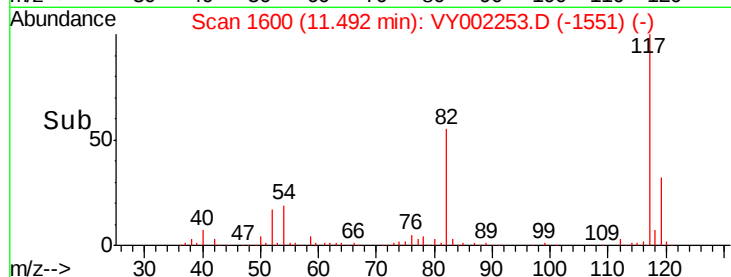
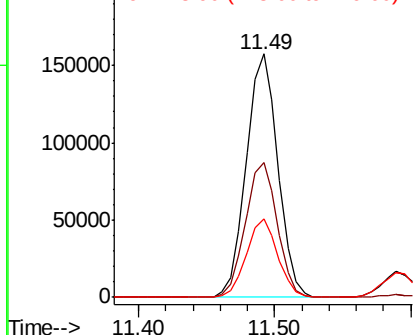
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion:117 Resp: 256343
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 32.5 25.1 37.7

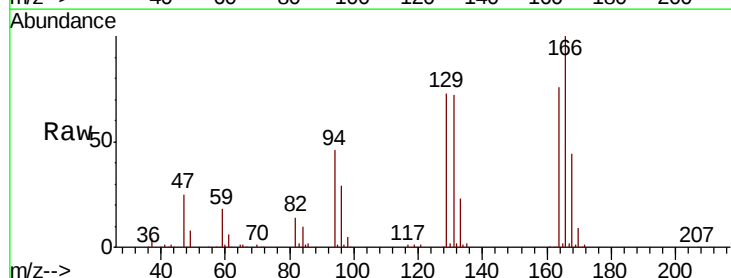


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

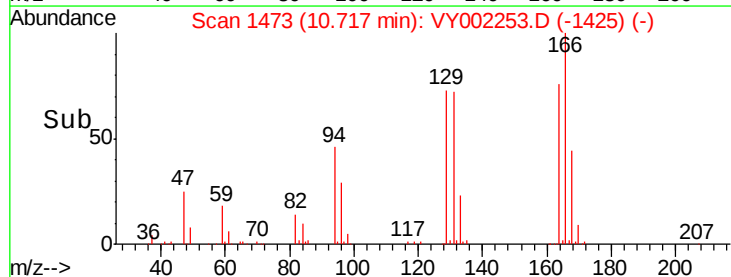
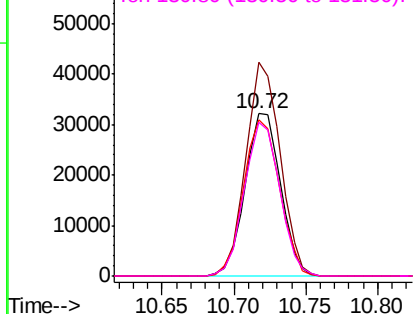


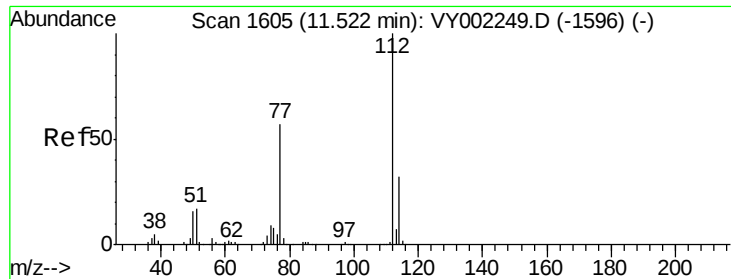
#64
Tetrachloroethene
Concen: 21.103 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion:164 Resp: 54692
Ion Ratio Lower Upper
164 100
166 131.8 98.4 147.6
129 96.7 76.6 115.0
131 94.6 75.4 113.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

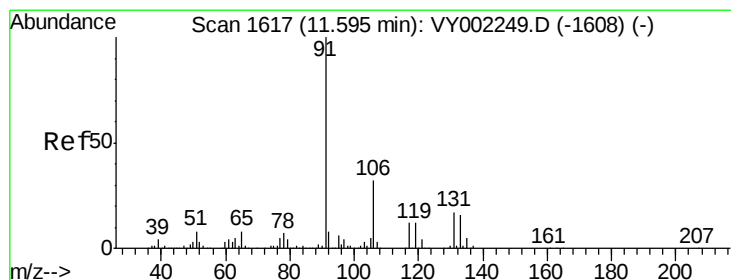
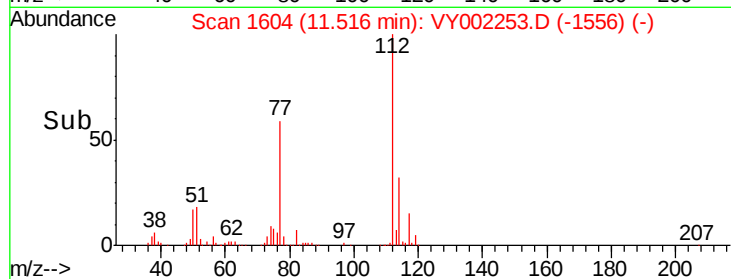
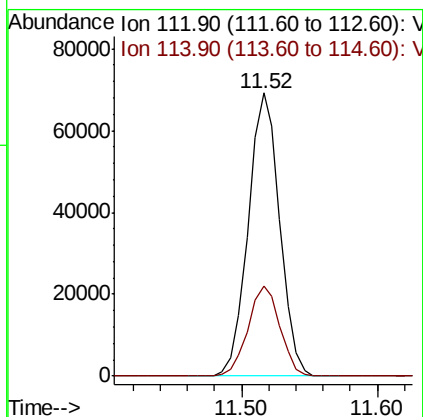
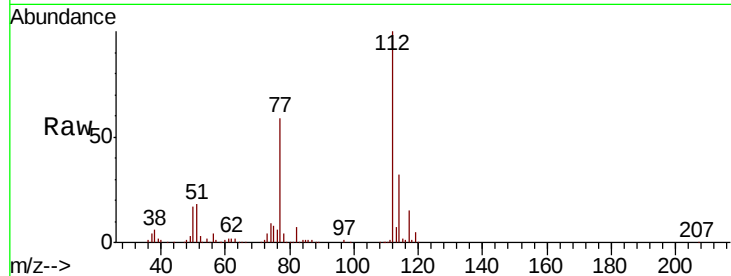




#65
Chlorobenzene
Concen: 21.015 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

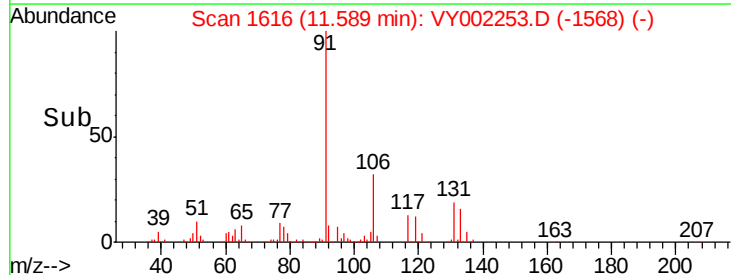
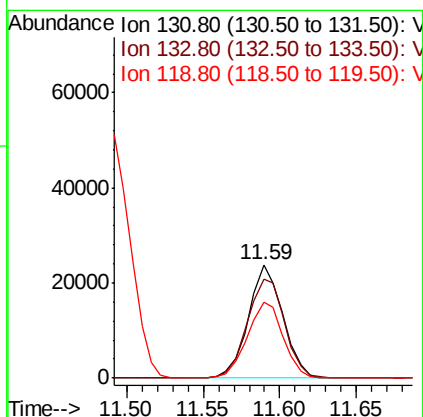
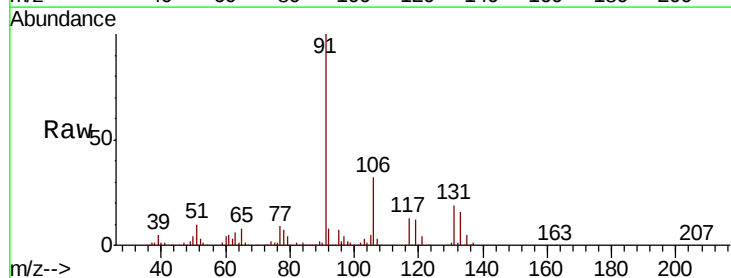
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

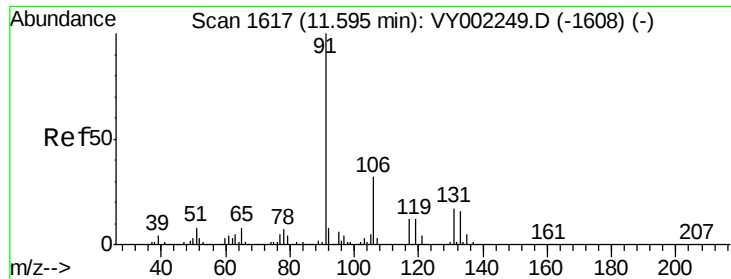
Tot Ion:112 Resp: 111983
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.140 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion:131 Resp: 37191
Ion Ratio Lower Upper
131 100
133 94.9 46.5 139.3
119 70.0 34.5 103.6

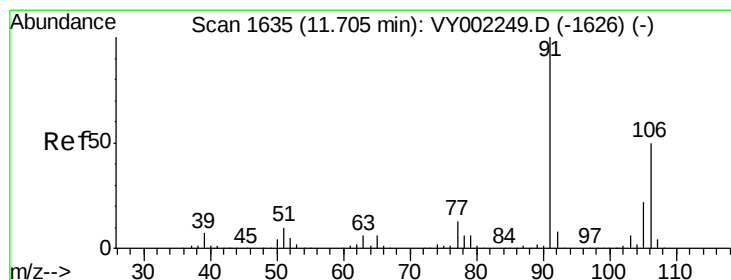
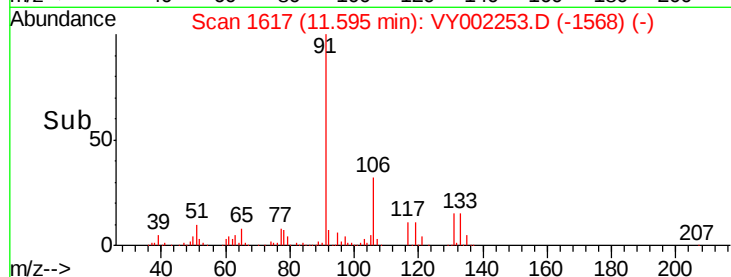
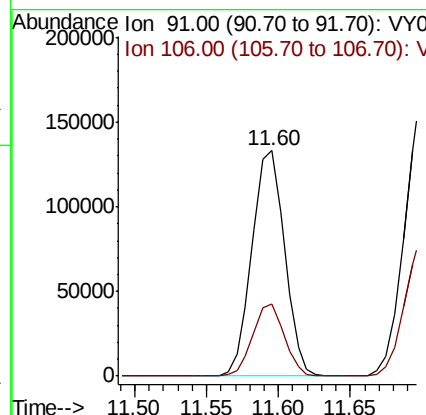
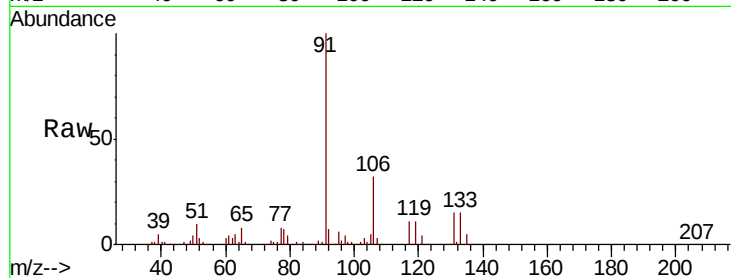




#67
Ethyl Benzene
Concen: 21.417 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

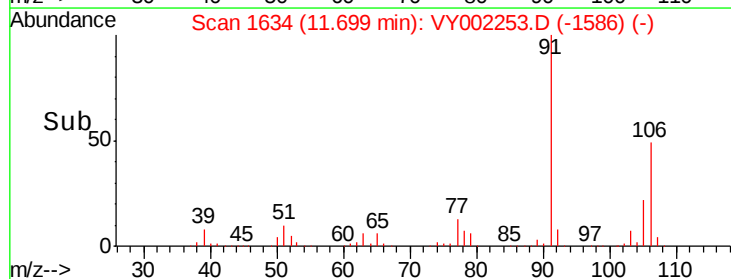
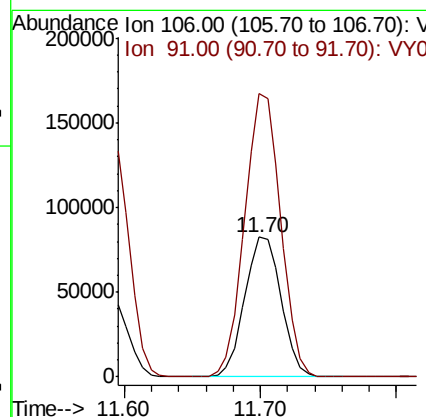
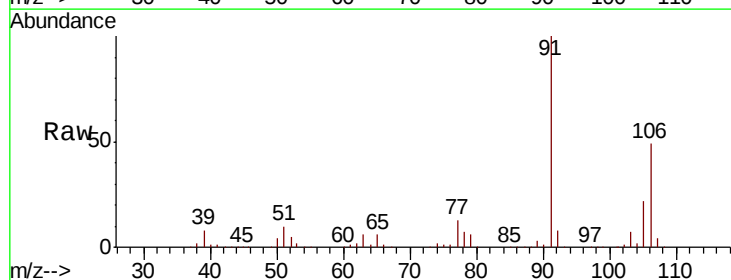
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

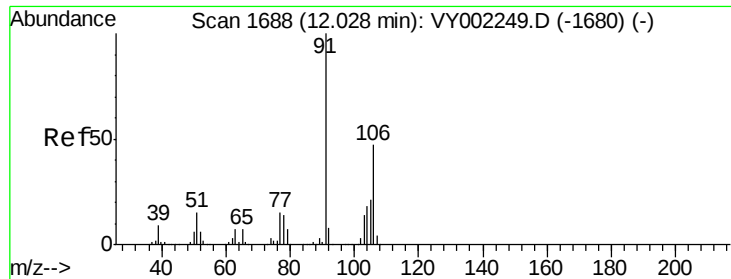
Tot Ion: 91 Resp: 208921
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0



#68
m/p-Xylenes
Concen: 42.295 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion: 106 Resp: 154531
Ion Ratio Lower Upper
106 100
91 200.5 159.8 239.6

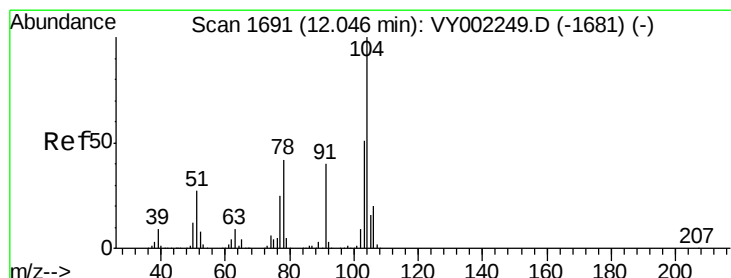
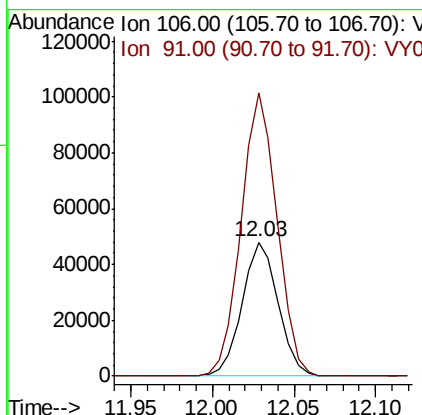
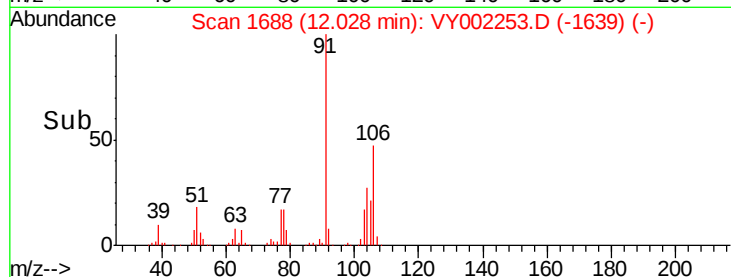
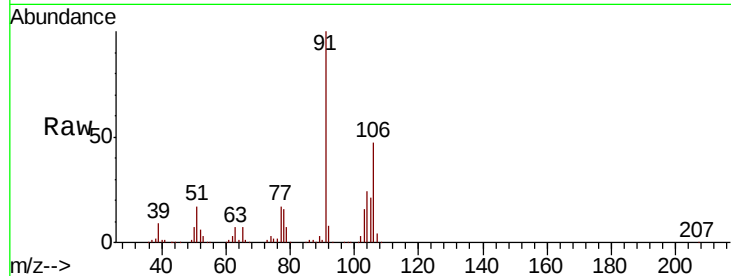




#69
o-Xylene
Concen: 21.436 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

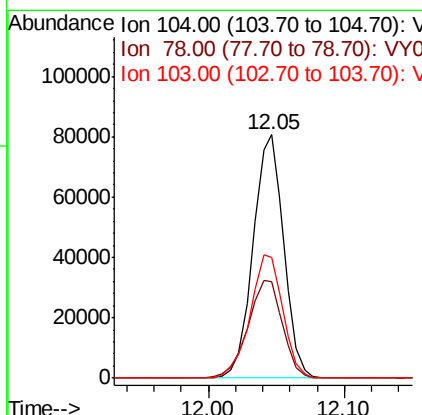
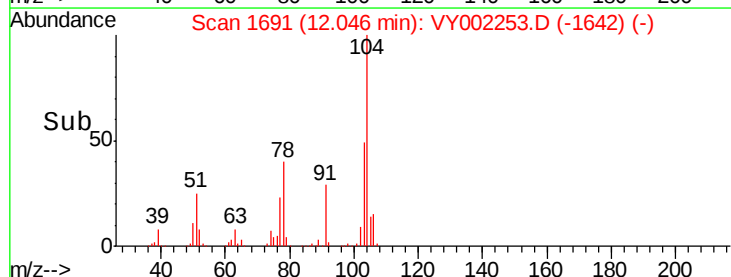
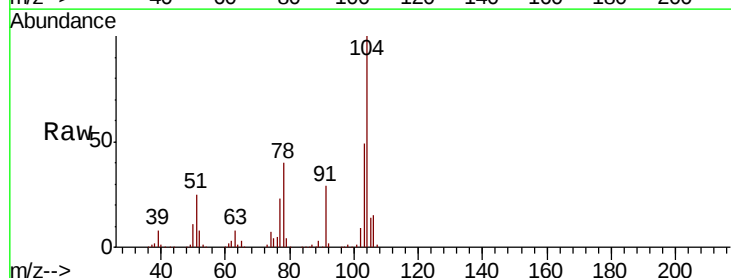
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

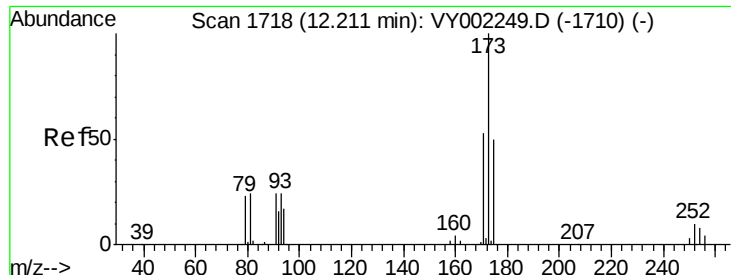
Tot Ion:106 Resp: 73529
Ion Ratio Lower Upper
106 100
91 210.9 105.8 317.3



#70
Styrene
Concen: 21.347 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion:104 Resp: 127040
Ion Ratio Lower Upper
104 100
78 45.3 37.2 55.8
103 54.1 43.4 65.0





#71

Bromoform

Concen: 21.207 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

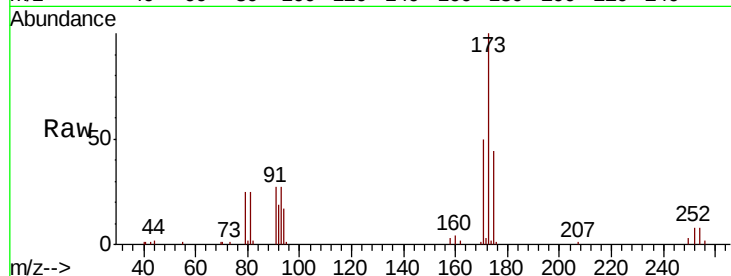
Tot Ion:173 Resp: 20289

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.3

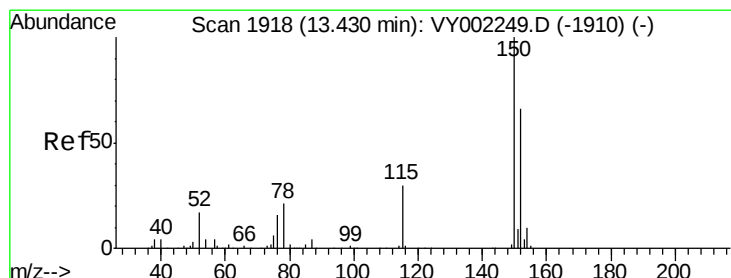
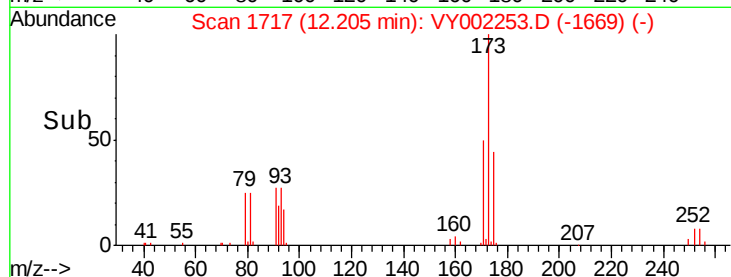
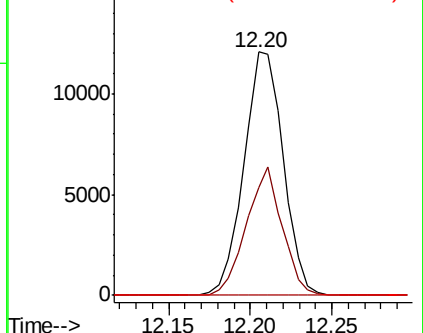
254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

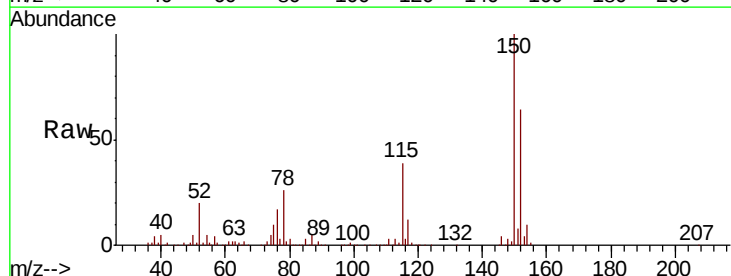
Tgt Ion:152 Resp: 120713

Ion Ratio Lower Upper

152 100

115 60.3 30.7 92.1

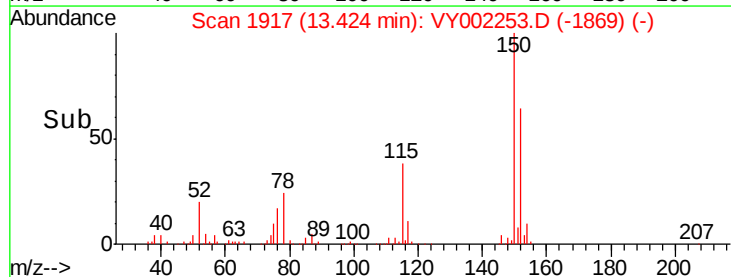
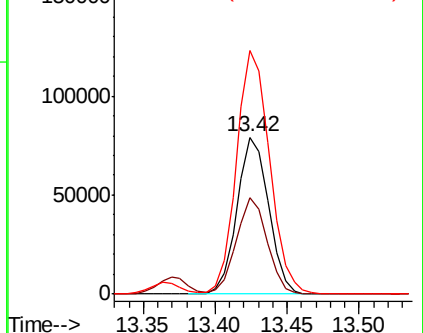
150 162.6 0.0 350.6

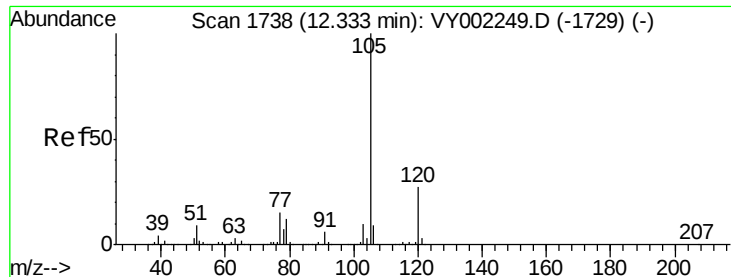


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.519 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

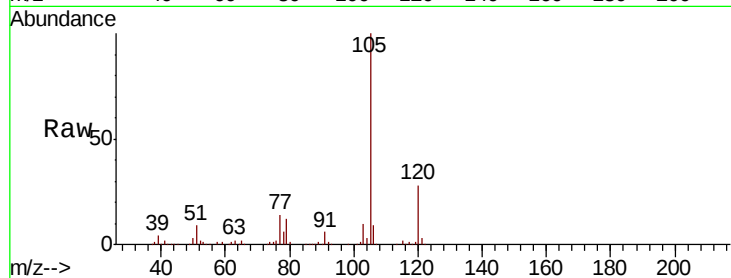
VY0408SBS01

Tot Ion:105 Resp: 194586

Ion Ratio Lower Upper

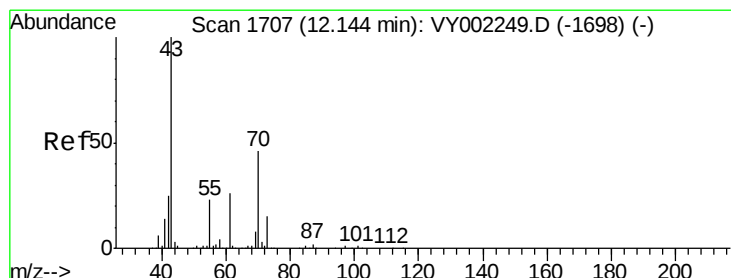
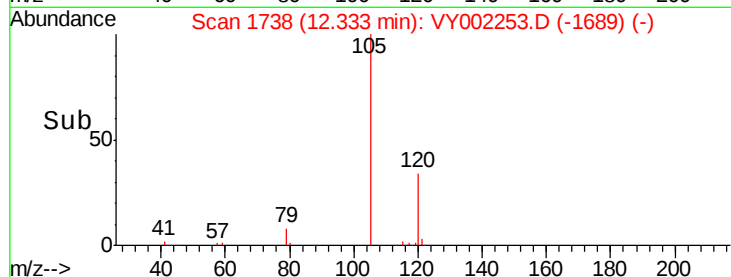
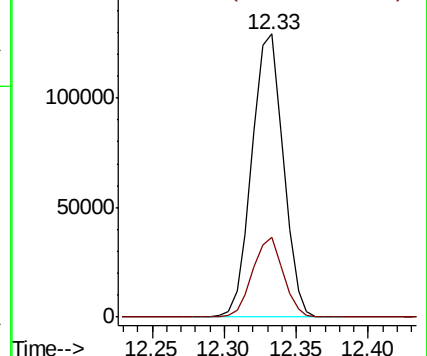
105 100

120 27.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.280 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Tgt Ion: 43 Resp: 54593

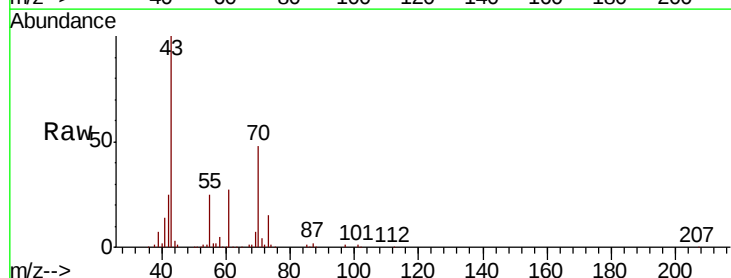
Ion Ratio Lower Upper

43 100

70 46.3 37.5 56.3

55 24.1 19.0 28.6

61 27.1 21.6 32.4

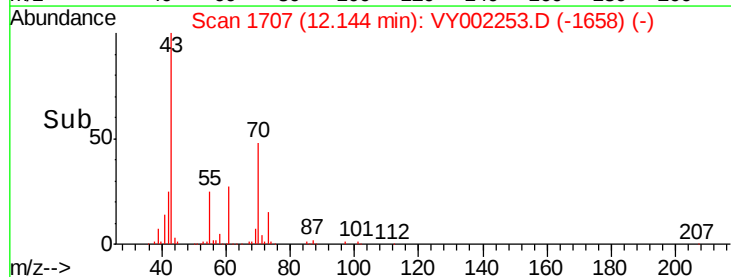
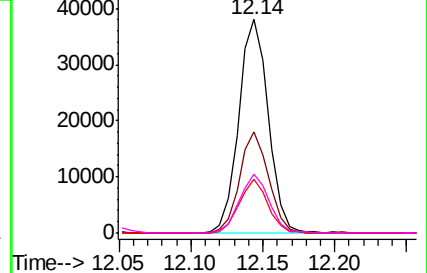


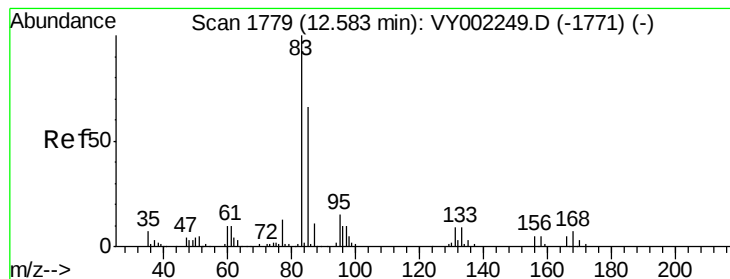
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.965 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

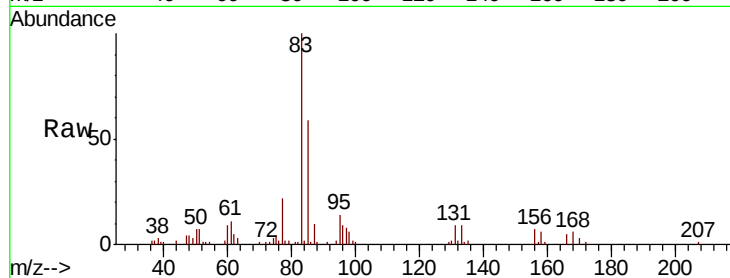
Tot Ion: 83 Resp: 24055

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

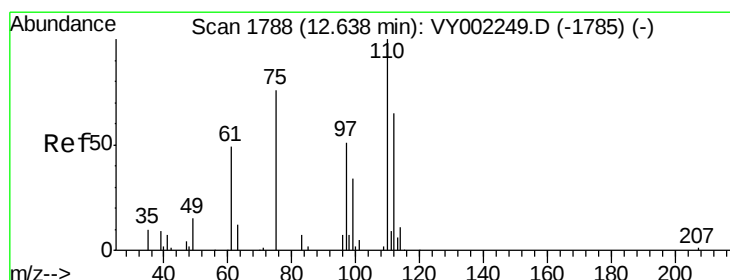
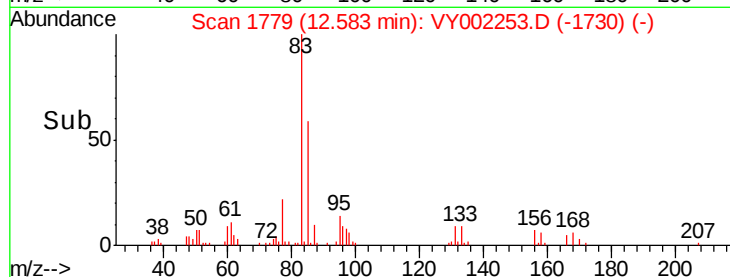
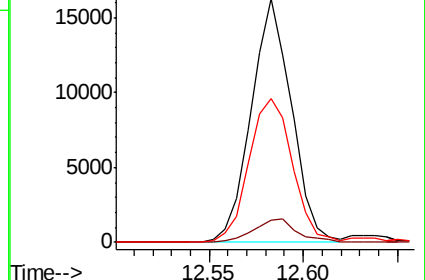
85 63.8 32.6 97.8



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: 37.829 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY002253.D

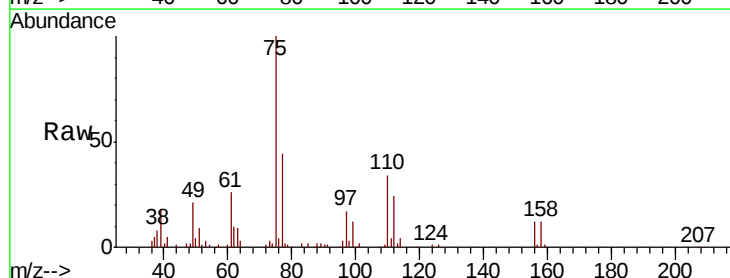
Acq: 08 Apr 2020 16:34

Tgt Ion: 75 Resp: 53026

Ion Ratio Lower Upper

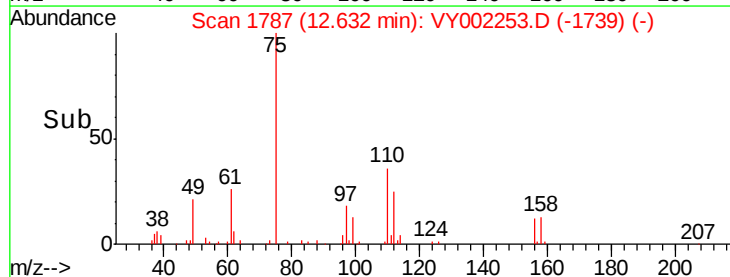
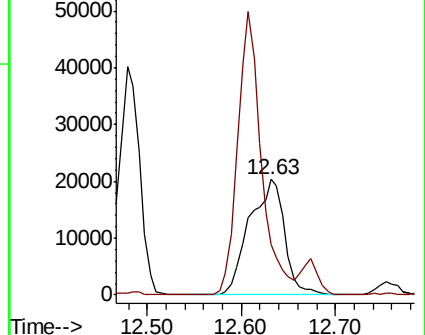
75 100

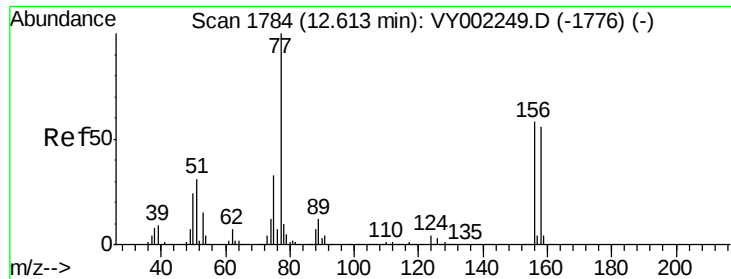
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.423 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

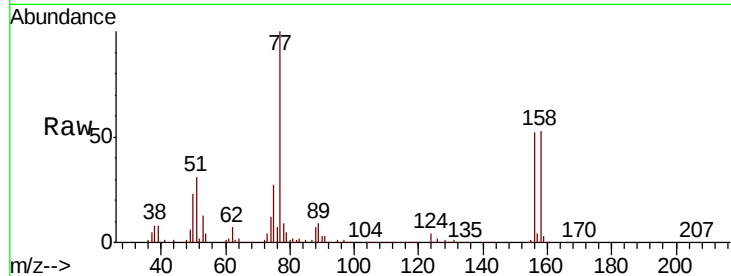
Tot Ion:156 Resp: 42610

Ion Ratio Lower Upper

156 100

77 204.9 101.3 303.9

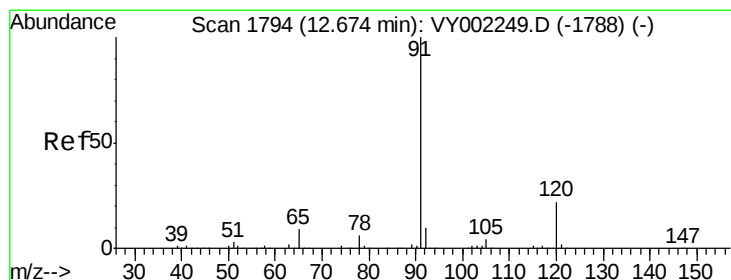
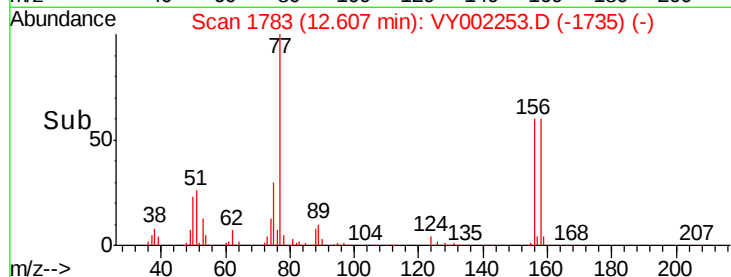
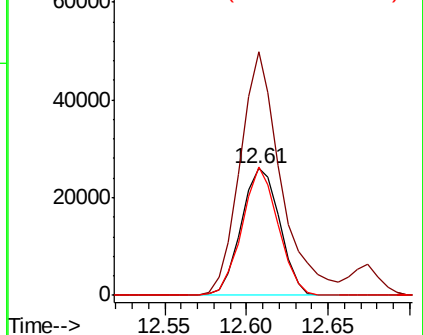
158 94.4 48.3 144.8



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: 20.489 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002253.D

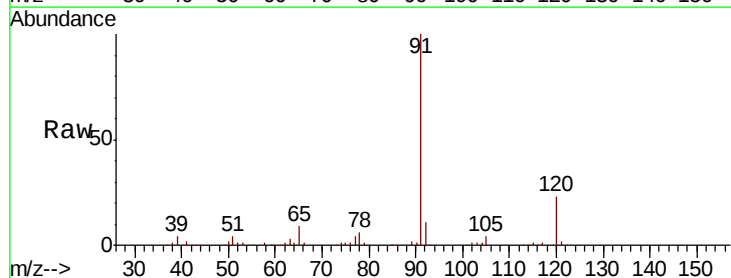
Acq: 08 Apr 2020 16:34

Tgt Ion: 91 Resp: 241654

Ion Ratio Lower Upper

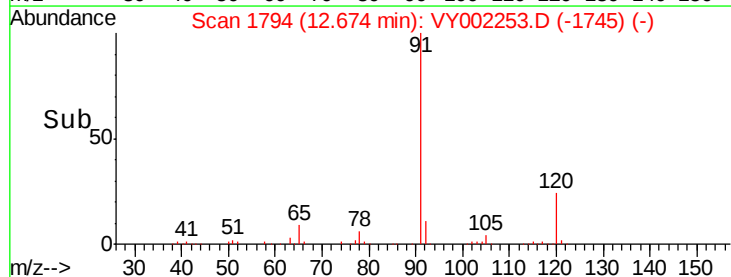
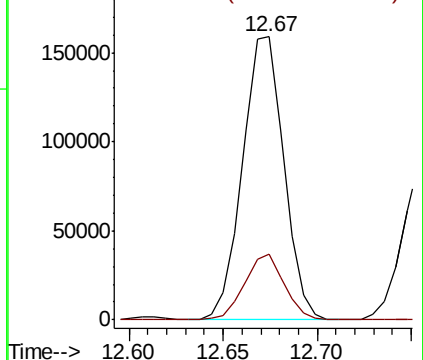
91 100

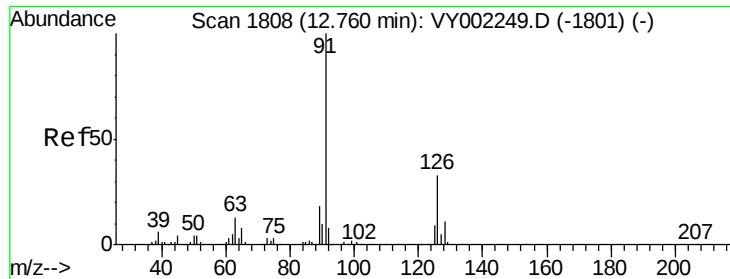
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

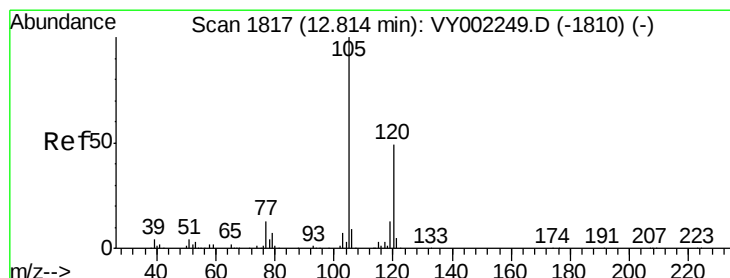
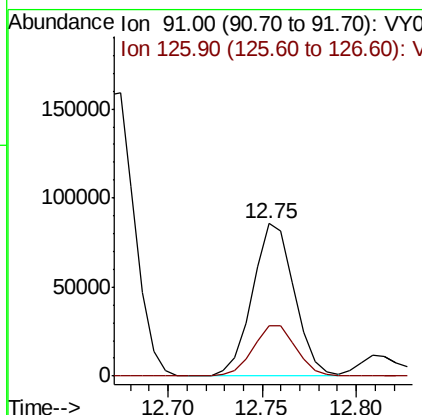
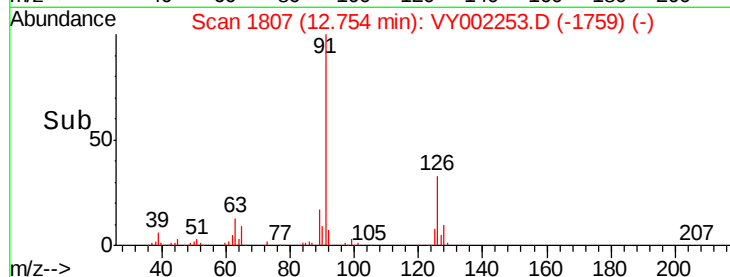
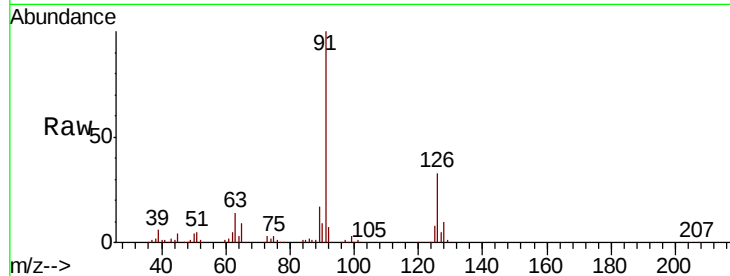




#79
 2-Chlorotoluene
 Concen: 20.601 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

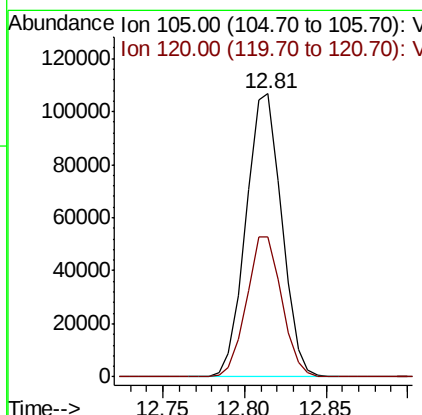
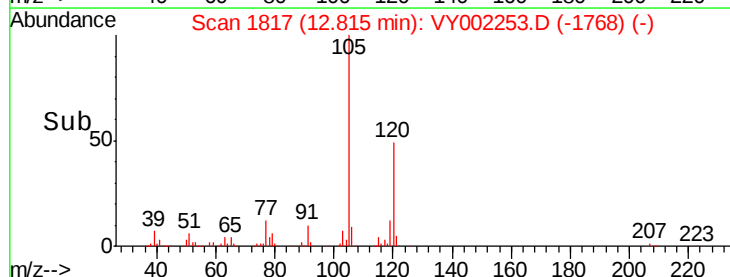
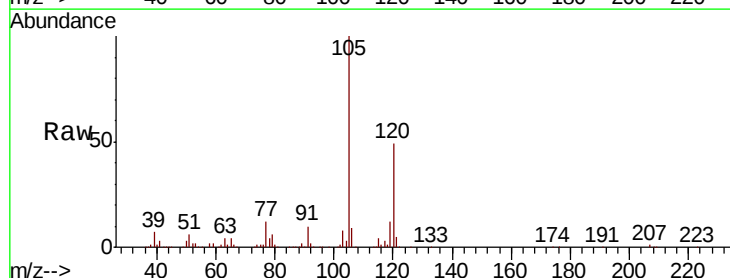
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

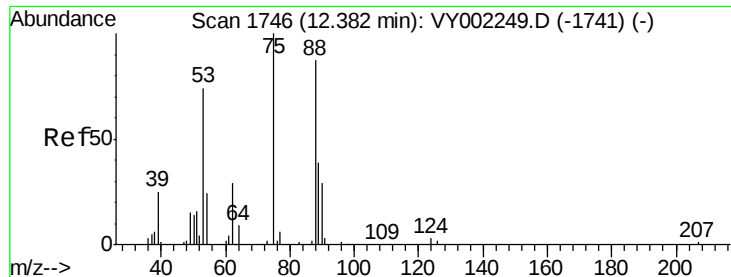
Tot Ion: 91 Resp: 132046
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.758 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion:105 Resp: 162802
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.115 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBSD01

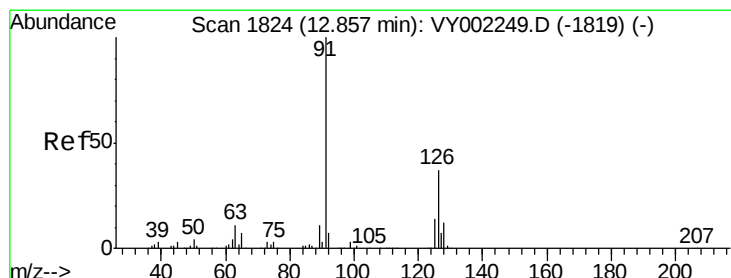
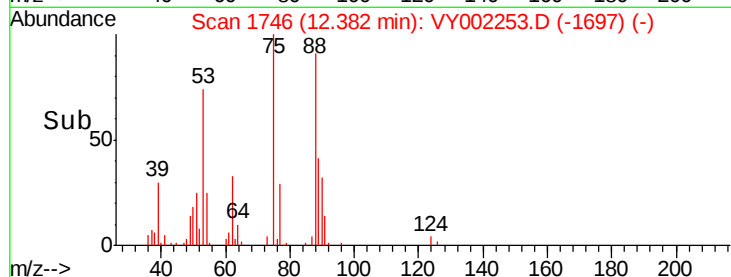
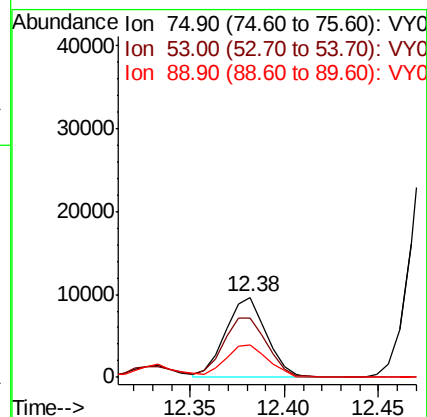
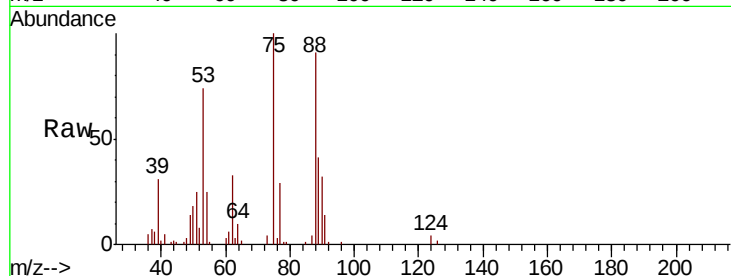
Tot Ion: 75 Resp: 14497

Ion Ratio Lower Upper

75 100

53 79.4 59.8 89.8

89 42.4 37.0 55.6



#82

4-Chlorotoluene

Concen: 20.539 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY002253.D

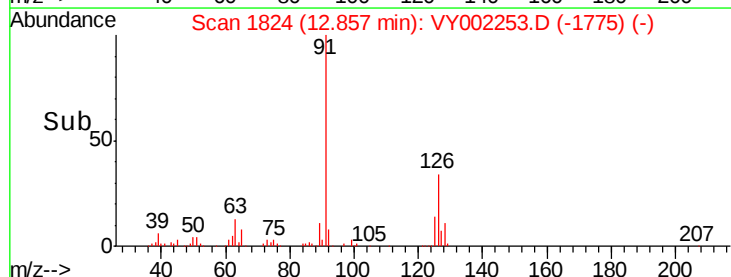
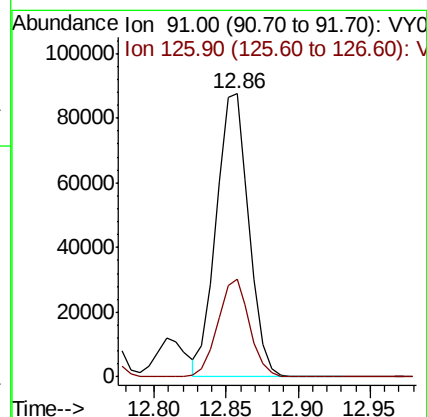
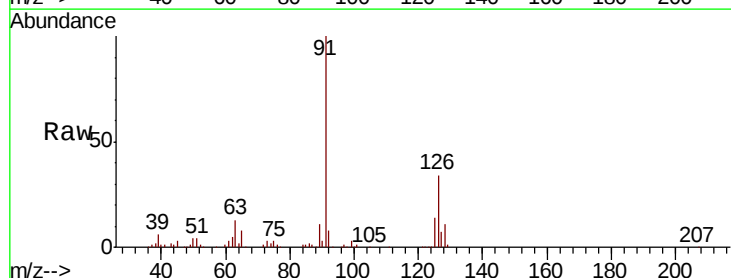
Acq: 08 Apr 2020 16:34

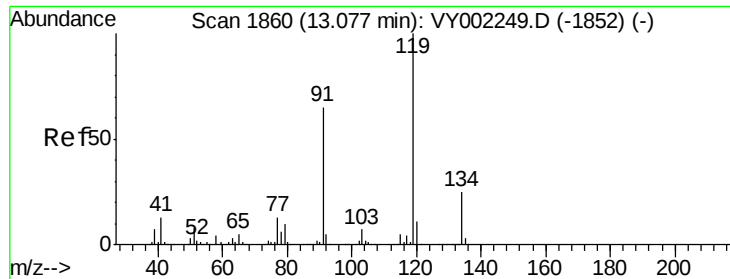
Tgt Ion: 91 Resp: 137980

Ion Ratio Lower Upper

91 100

126 33.6 16.9 50.7

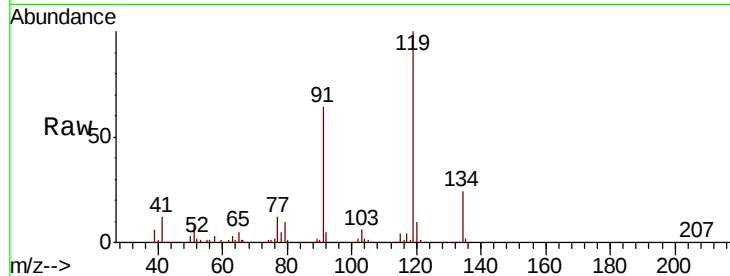




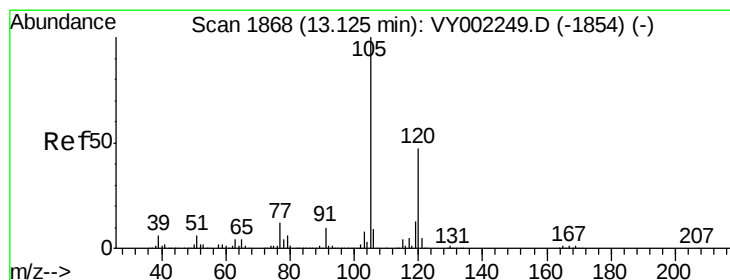
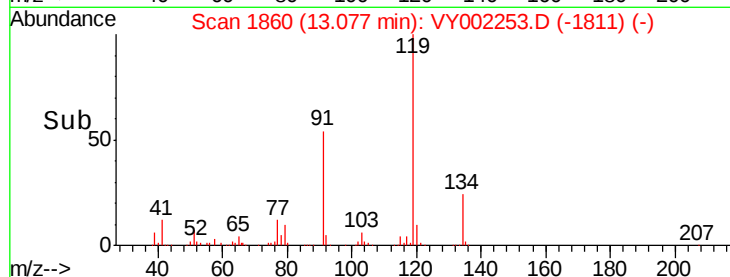
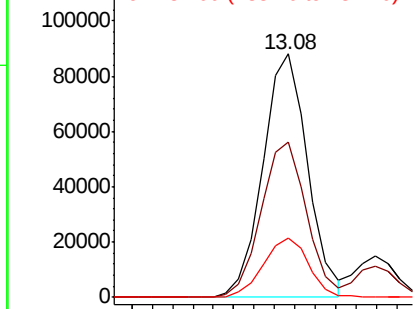
#83
tert-Butylbenzene
Concen: 20.458 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion:119 Resp: 134396
Ion Ratio Lower Upper
119 100
91 64.9 32.4 97.0
134 25.0 12.6 37.6

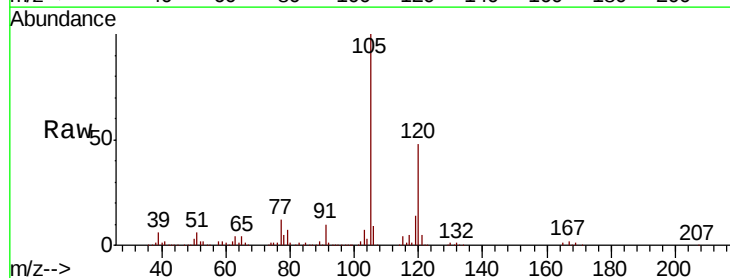


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

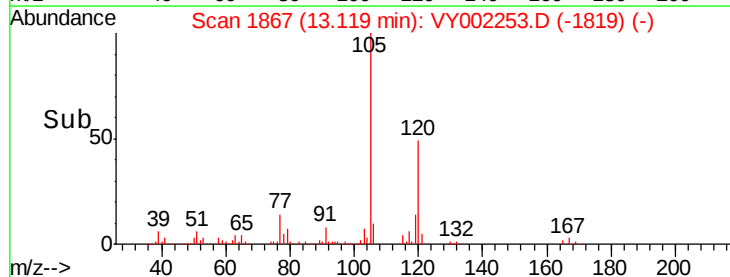
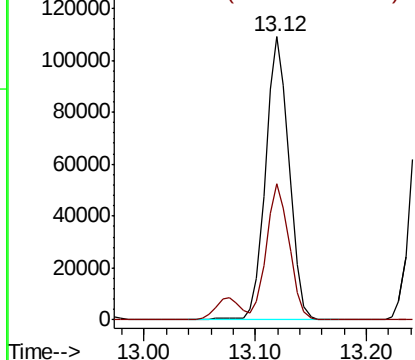


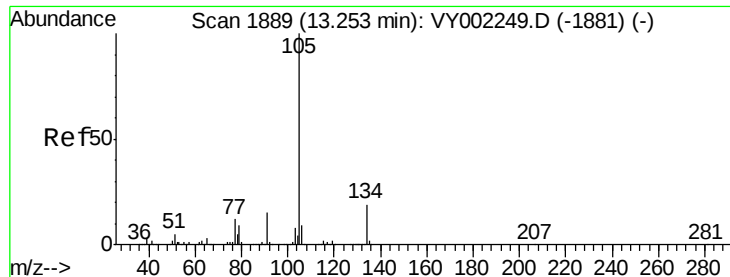
#84
1,2,4-Trimethylbenzene
Concen: 20.563 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion:105 Resp: 161048
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.797 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

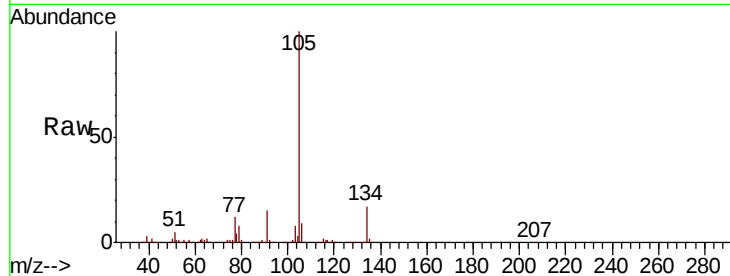
VY0408SBS01

Tot Ion:105 Resp: 203524

Ion Ratio Lower Upper

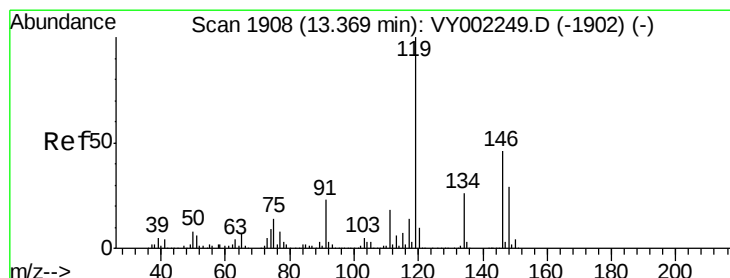
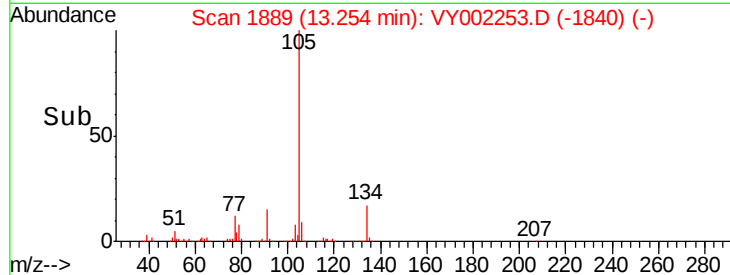
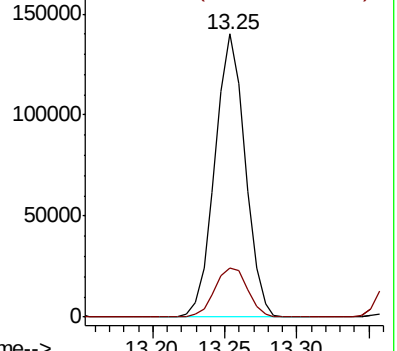
105 100

134 18.8 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.164 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002253.D

Acq: 08 Apr 2020 16:34

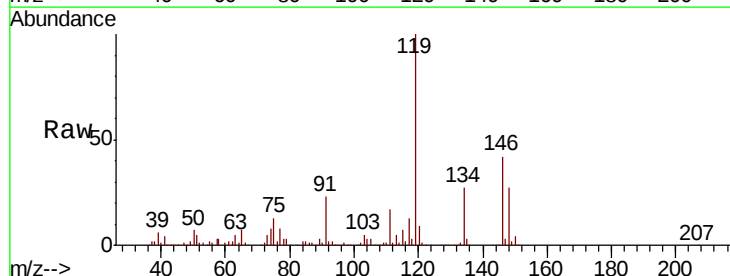
Tgt Ion:119 Resp: 178258

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

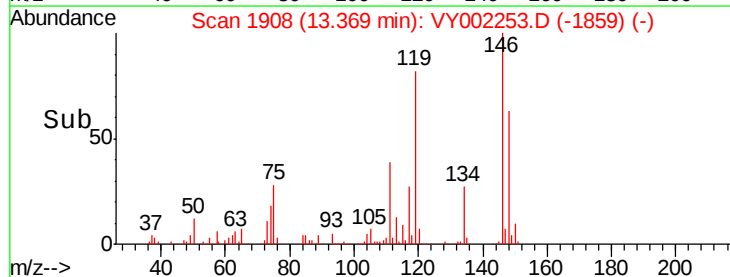
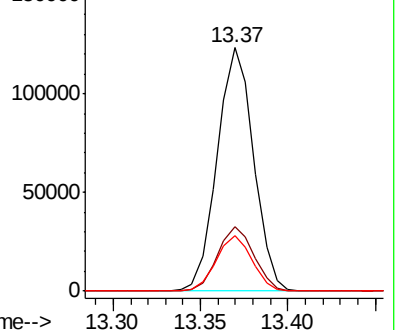
91 22.6 11.5 34.4

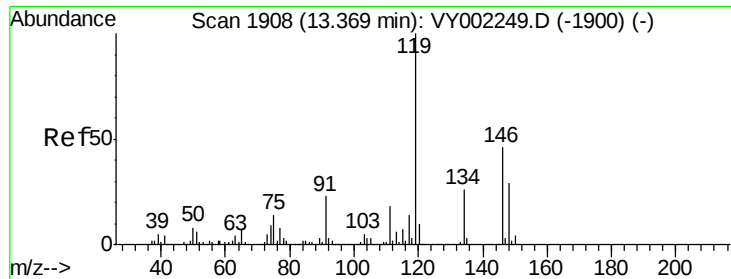


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

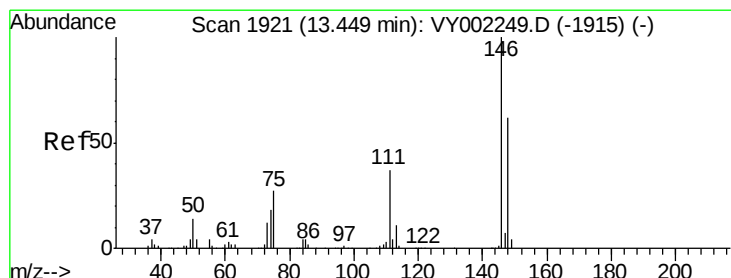
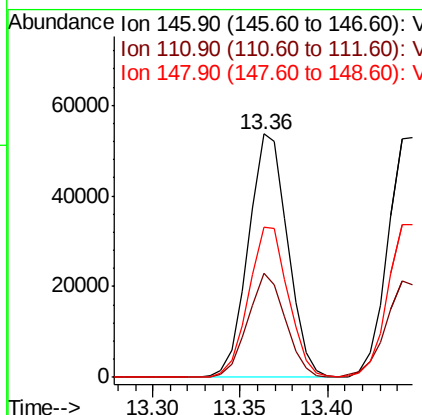
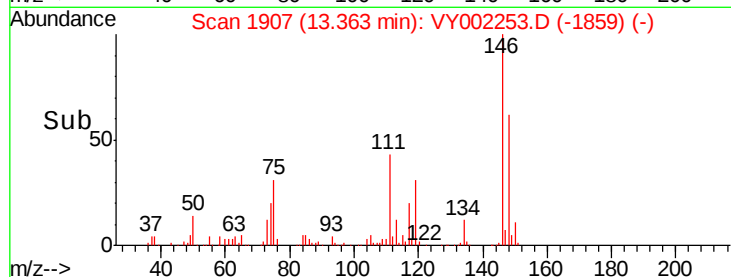
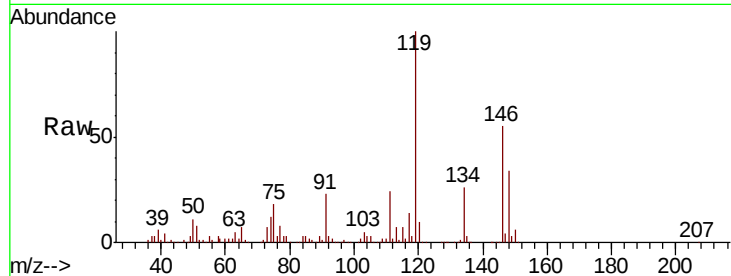




#87
 1,3-Dichlorobenzene
 Concen: 20.672 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

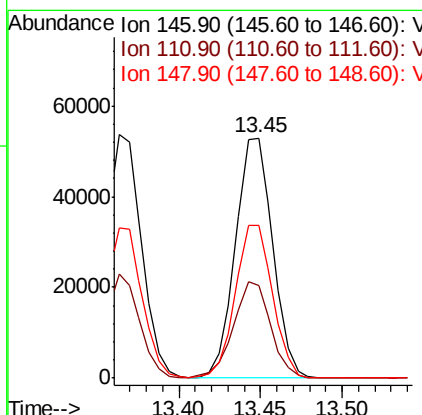
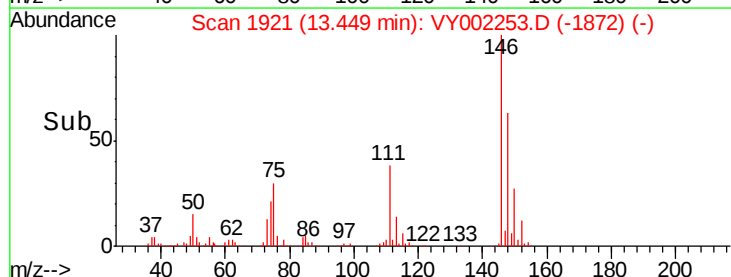
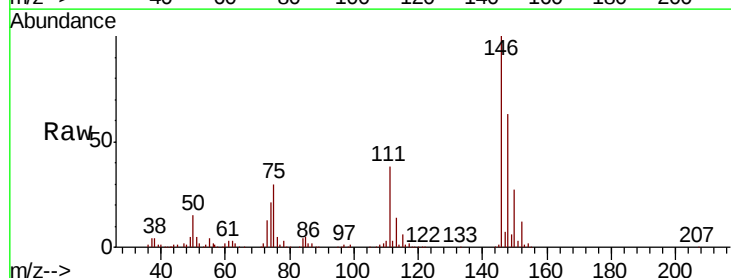
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

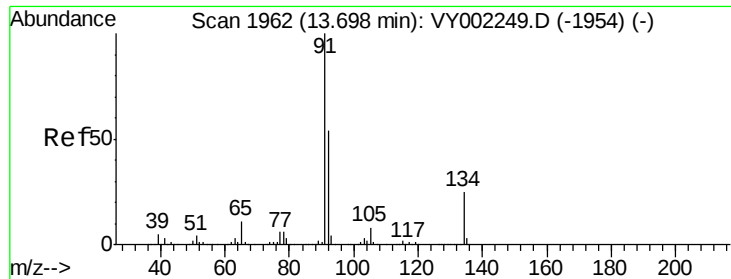
Tot Ion:146 Resp: 83589
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.8
 148 62.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.594 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion:146 Resp: 84530
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.6 58.8
 148 63.4 32.0 96.0

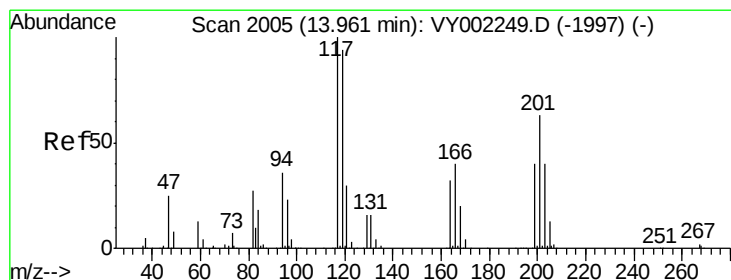
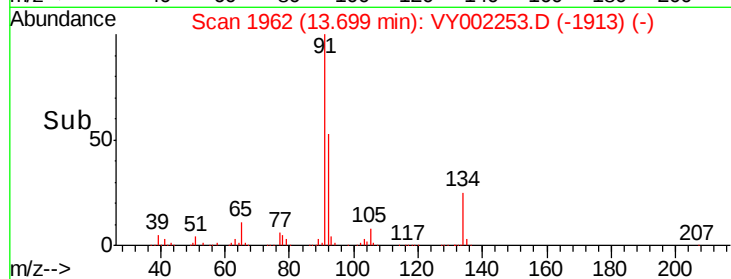
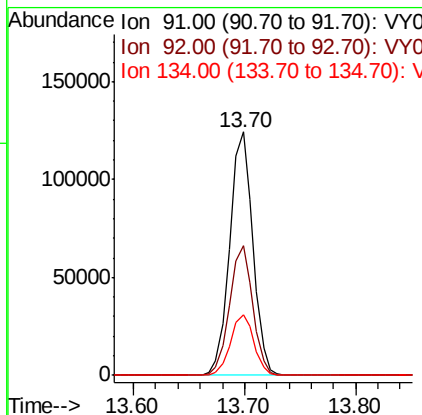
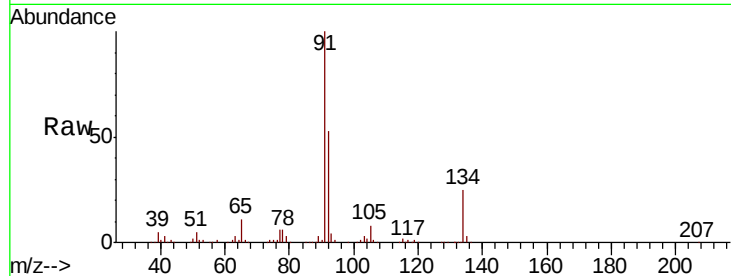




#89
n-Butylbenzene
Concen: 20.663 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

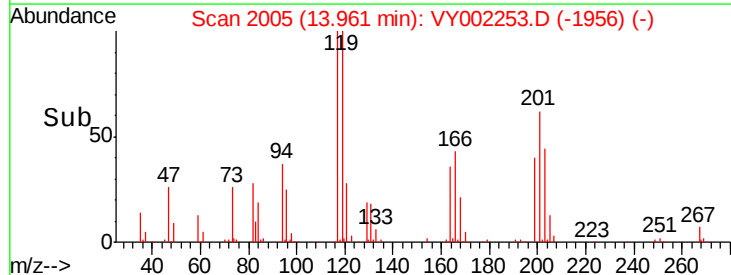
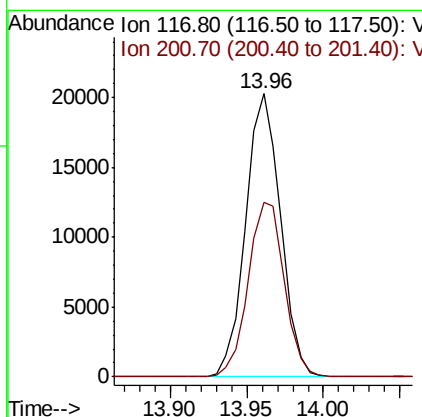
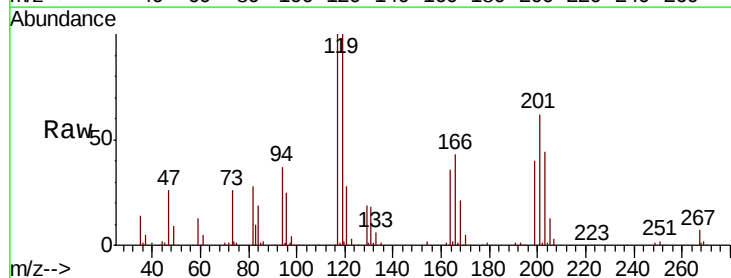
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

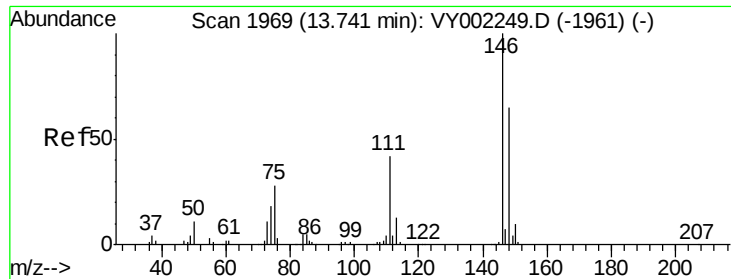
Tot Ion: 91 Resp: 178400
Ion Ratio Lower Upper
91 100
92 53.2 27.2 81.6
134 25.1 12.7 38.0



#90
Hexachloroethane
Concen: 20.024 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion: 117 Resp: 32139
Ion Ratio Lower Upper
117 100
201 63.9 33.1 99.2

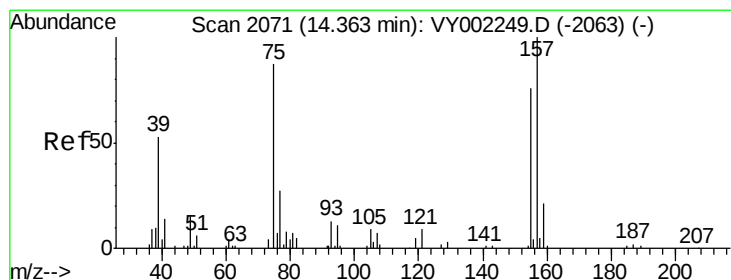
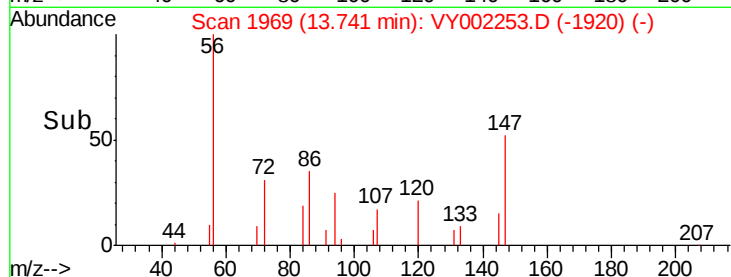
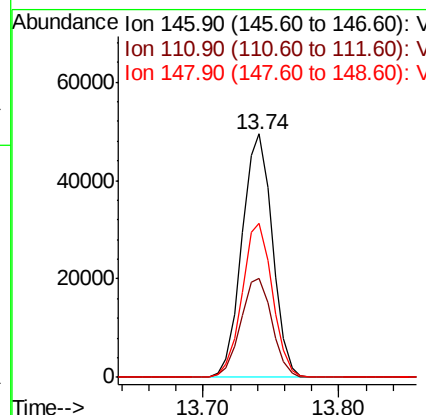
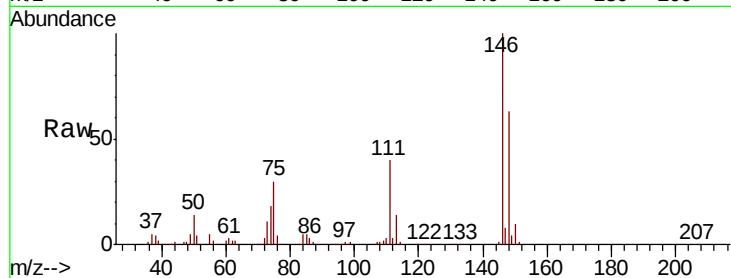




#91
 1,2-Dichlorobenzene
 Concen: 21.017 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

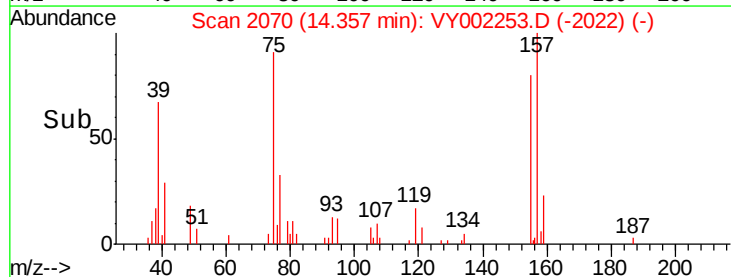
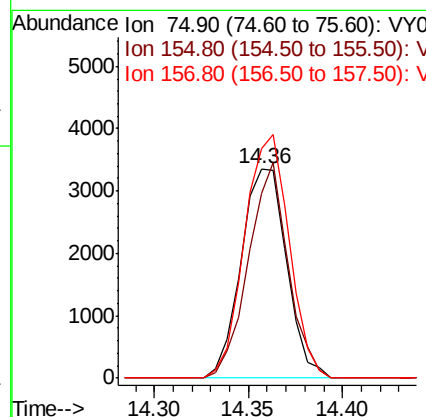
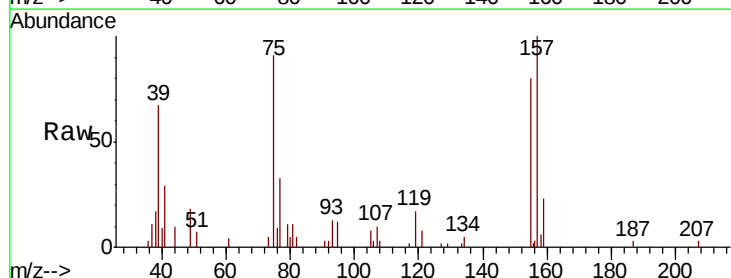
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

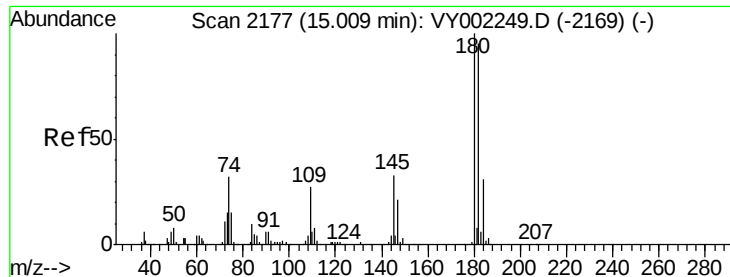
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.1
148	63.1	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.263 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	43.6	130.8
157	113.5	56.0	168.2

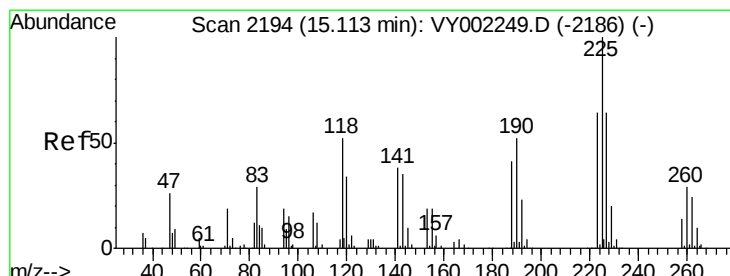
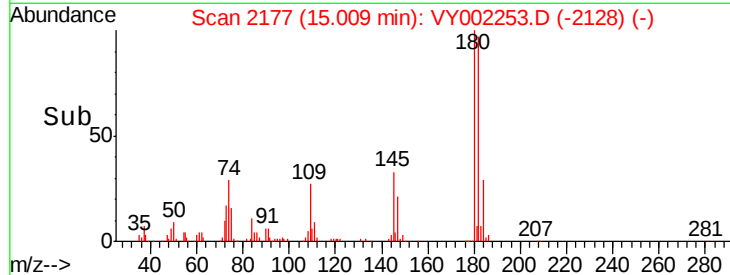
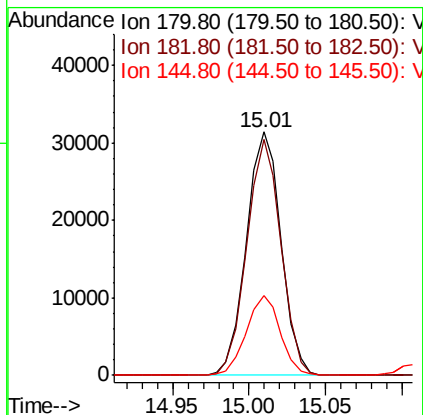
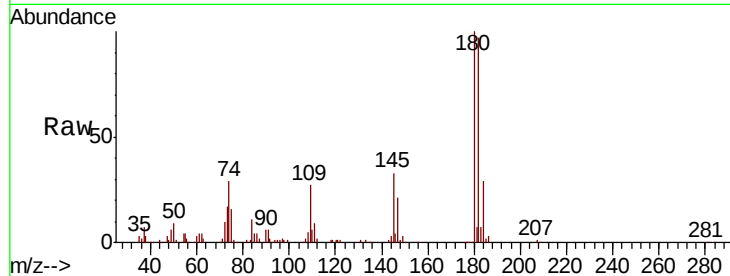




#93
 1,2,4-Trichlorobenzene
 Concen: 20.558 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

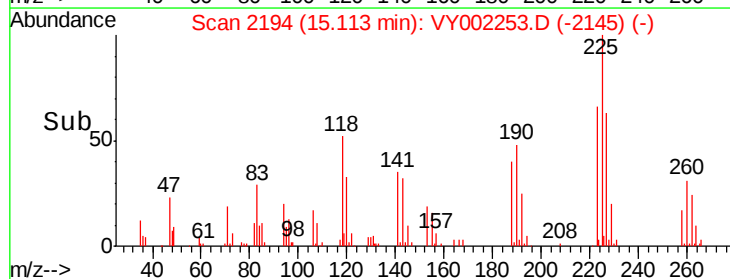
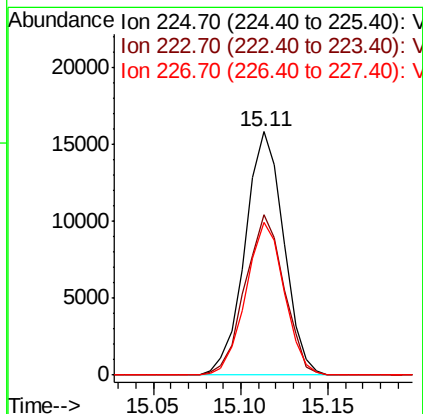
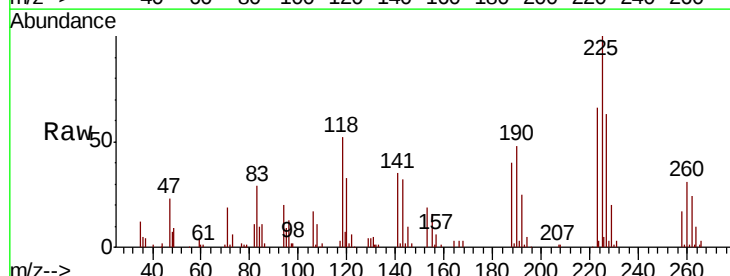
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

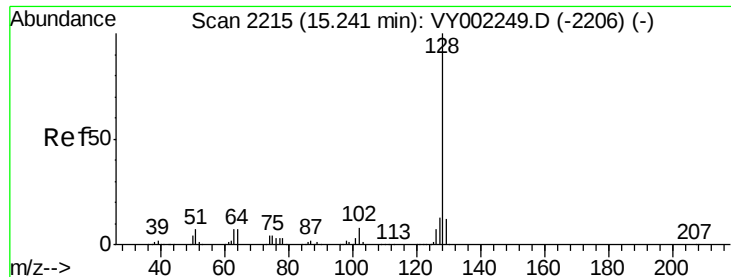
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	32.0	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 20.073 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002253.D
 Acq: 08 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	31.0	93.0
227	62.2	31.3	93.9

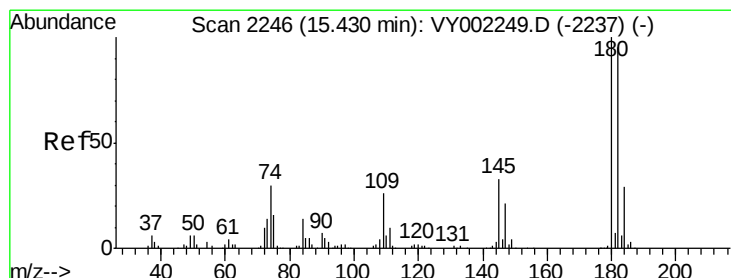
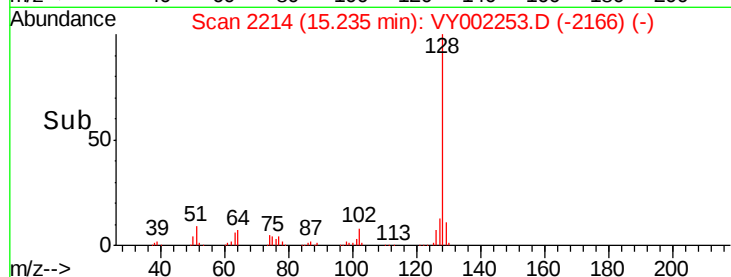
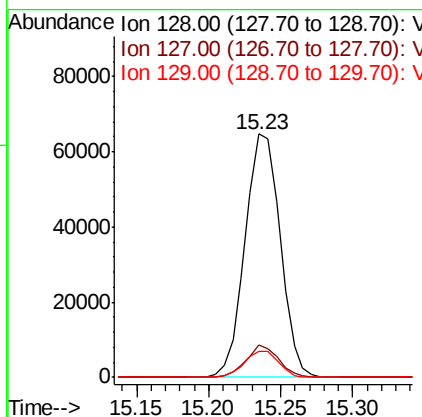
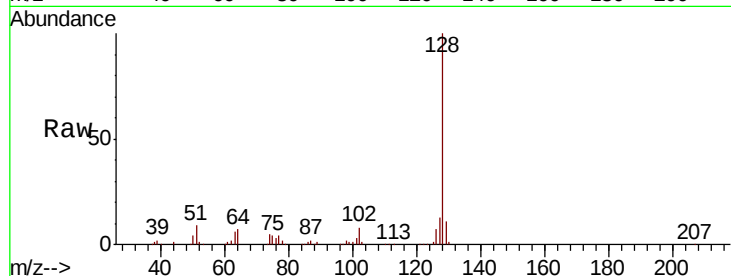




#95
Naphthalene
Concen: 20.791 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion:128 Resp: 109325
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.666 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002253.D
Acq: 08 Apr 2020 16:34

Tgt Ion:180 Resp: 43096
Ion Ratio Lower Upper
180 100
182 92.1 47.1 141.3
145 34.1 16.7 50.1

