

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
 Data File : VY001177.D
 Acq On : 13 Jan 2020 13:48
 Operator : SY/MD
 Sample : L1046-13MSD
 Misc : 8.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

Quant Time: Jan 14 10:11:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	8392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	13613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	11951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	4973	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	4156	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
35) Dibromofluoromethane	7.73	113	3881	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.18	98	15400	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.48	95	5531	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	3348	51.947	ug/l	97
3) Chloromethane	2.12	50	4949	53.273	ug/l	94
4) Vinyl Chloride	2.26	62	4719	50.422	ug/l	91
5) Bromomethane	2.66	94	1884	37.476	ug/l	81
6) Chloroethane	2.80	64	3582	66.248	ug/l #	84
7) Trichlorofluoromethane	3.14	101	6635	50.932	ug/l	94
8) Diethyl Ether	3.53	74	2508	49.545	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.91	101	4278	51.017	ug/l	98
10) Methyl Iodide	4.11	142	5975	52.057	ug/l	98
11) Tert butyl alcohol	4.96	59	2401	269.237	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	4604	53.666	ug/l	86
13) Acrolein	3.74	56	756	94.167	ug/l #	1
14) Allyl chloride	4.49	41	7138	49.298	ug/l	94
15) Acrylonitrile	5.18	53	6651	262.715	ug/l	99
16) Acetone	3.96	43	8127	394.810	ug/l	98
17) Carbon Disulfide	4.21	76	13416	48.317	ug/l	100
18) Methyl Acetate	4.49	43	5299	77.860	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	12492	52.641	ug/l	97
20) Methylene Chloride	4.72	84	5189	54.601	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	4866	50.022	ug/l #	92
22) Diisopropyl ether	6.13	45	14820	50.112	ug/l #	90
23) Vinyl Acetate	6.08	43	7662	40.510	ug/l	94
24) 1,1-Dichloroethane	6.04	63	8219	50.765	ug/l	93
25) 2-Butanone	7.00	43	10405	324.782	ug/l	97
26) 2,2-Dichloropropane	7.00	77	5993	40.253	ug/l	94
27) cis-1,2-Dichloroethene	7.00	96	5614	52.668	ug/l	92
28) Bromochloromethane	7.35	49	3684	55.412	ug/l	100
29) Tetrahydrofuran	7.36	42	6383	290.732	ug/l	97
30) Chloroform	7.52	83	7979	50.297	ug/l #	83
31) Cyclohexane	7.79	56	8503	49.602	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	7106	50.484	ug/l	96
36) 1,1-Dichloropropene	7.93	75	6531	52.638	ug/l	98
37) Ethyl Acetate	7.09	43	3410	46.830	ug/l #	93
38) Carbon Tetrachloride	7.91	117	5716	50.269	ug/l #	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	8576	50.984	ug/l	98
40) Benzene	8.17	78	19272	53.211	ug/l	99
41) Methacrylonitrile	7.33	41	2663	77.855	ug/l #	47
42) 1,2-Dichloroethane	8.24	62	5343	52.685	ug/l	95
43) Isopropyl Acetate	8.28	43	7637	54.848	ug/l	98
44) Trichloroethene	8.95	130	5366	56.859	ug/l	94
45) 1,2-Dichloropropane	9.22	63	5059	56.501	ug/l	92
46) Dibromomethane	9.32	93	2729	55.861	ug/l	98
47) Bromodichloromethane	9.50	83	6279	52.738	ug/l	91
48) Methyl methacrylate	9.30	41	3312	51.402	ug/l	91
49) 1,4-Dioxane	9.30	88	1027	1726.195	ug/l #	72
51) 4-Methyl-2-Pentanone	10.07	43	20156	285.289	ug/l	98
52) Toluene	10.24	92	11860	51.342	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	5397	40.509	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	7015	46.701	ug/l #	89
55) 1,1,2-Trichloroethane	10.64	97	4044	55.837	ug/l #	84
56) Ethyl methacrylate	10.51	69	5487	49.527	ug/l	96
57) 1,3-Dichloropropane	10.79	76	6800	54.691	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.78	63	2421	62.133	ug/l	99
59) 2-Hexanone	10.83	43	13745	277.594	ug/l	98
60) Dibromochloromethane	10.99	129	4301	51.578	ug/l	97
61) 1,2-Dibromoethane	11.09	107	3837	54.257	ug/l	92
64) Tetrachloroethene	10.72	164	4864	63.137	ug/l	90
65) Chlorobenzene	11.52	112	12488	52.295	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	4294	52.172	ug/l	100
67) Ethyl Benzene	11.59	91	22214	50.851	ug/l	99
68) m/p-Xylenes	11.70	106	17423	105.729	ug/l	91
69) o-Xylene	12.03	106	7925	50.159	ug/l	100
70) Styrene	12.04	104	13350	48.157	ug/l	97
71) Bromoform	12.20	173	2594	51.106	ug/l #	96
73) Isopropylbenzene	12.33	105	20891	55.880	ug/l	99
74) N-amyl acetate	12.14	43	4505	38.612	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	4724	60.058	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	5156	96.851	ug/l #	100
77) Bromobenzene	12.61	156	4691	56.786	ug/l	90
78) n-propylbenzene	12.67	91	24233	53.888	ug/l	99
79) 2-Chlorotoluene	12.75	91	13301	51.502	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	16439	52.700	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	671	21.374	ug/l #	98
82) 4-Chlorotoluene	12.85	91	13546	49.131	ug/l	98
83) tert-Butylbenzene	13.07	119	14834	56.594	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	16679	53.842	ug/l	98
85) sec-Butylbenzene	13.25	105	19624	52.043	ug/l	97
86) p-Isopropyltoluene	13.37	119	17486	53.410	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	8204	52.513	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	8230	51.185	ug/l	98
89) n-Butylbenzene	13.69	91	16227	49.211	ug/l	98
90) Hexachloroethane	13.96	117	2435	38.064	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	7782	53.596	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.36	75	623	43.909	ug/l	91

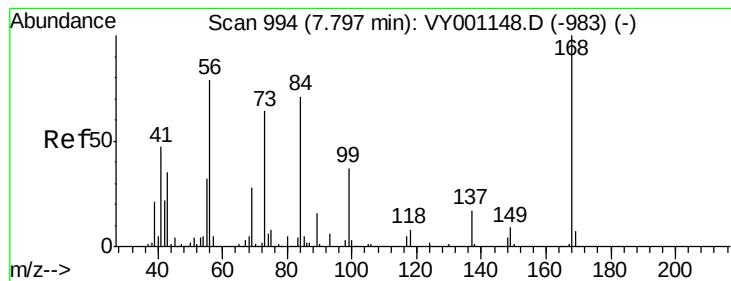
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	3873	40.485	ug/l	99
94) Hexachlorobutadiene	15.11	225	2085	43.262	ug/l	98
95) Naphthalene	15.23	128	8524	38.274	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	3238	38.405	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

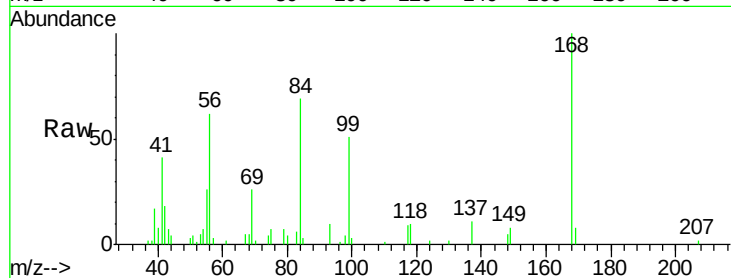
CIY1-SB-04-0-2MSD

Tgt Ion:168 Resp: 8392

Ion Ratio Lower Upper

168 100

99 51.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

4000

3000

2000

1000

0

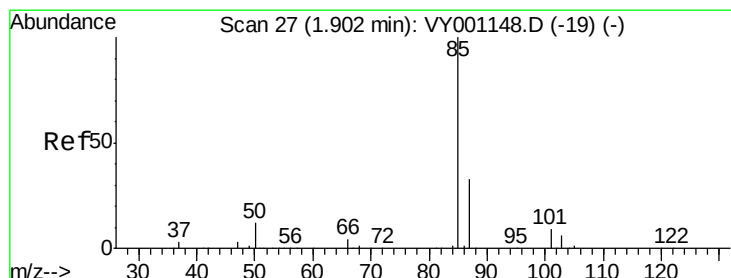
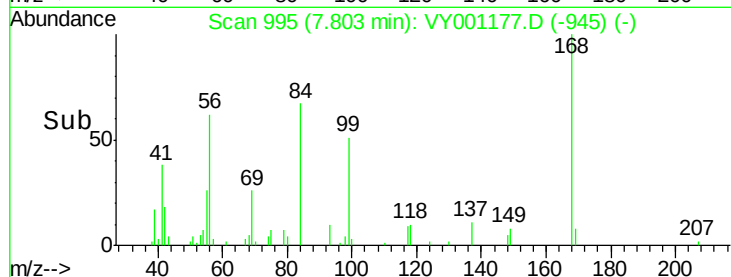
7.70

7.75

7.80

7.85

Time-->



#2

Dichlorodifluoromethane

Concen: 51.947 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001177.D

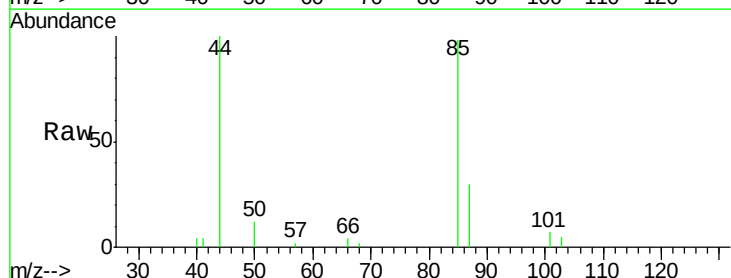
Acq: 13 Jan 2020 13:48

Tgt Ion: 85 Resp: 3348

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.91

3000

2500

2000

1500

1000

500

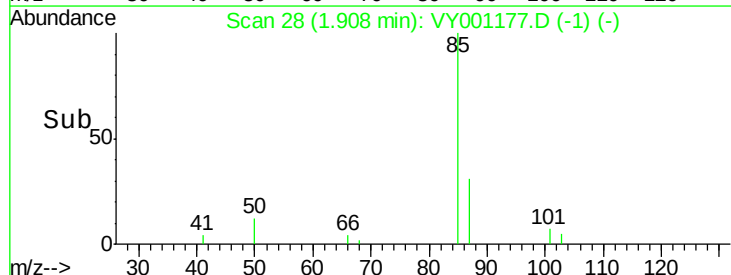
0

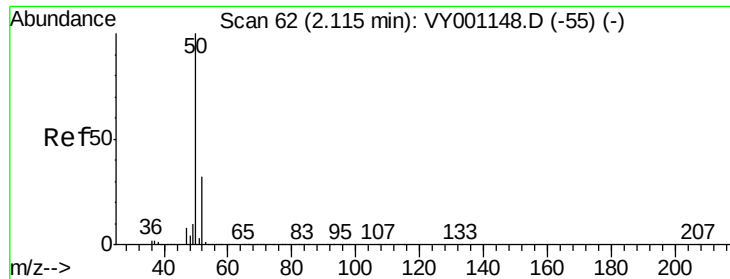
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 53.273 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

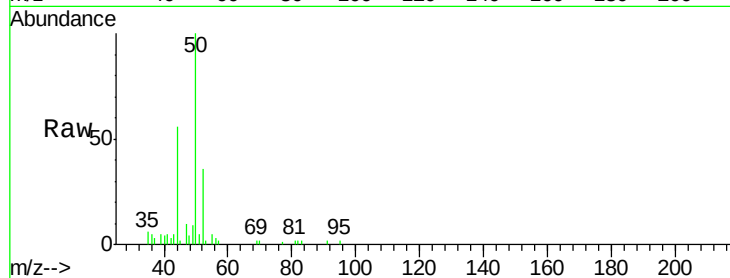
CIY1-SB-04-0-2MSD

Tgt Ion: 50 Resp: 4949

Ion Ratio Lower Upper

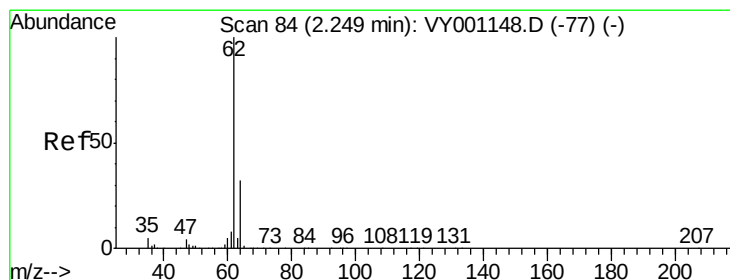
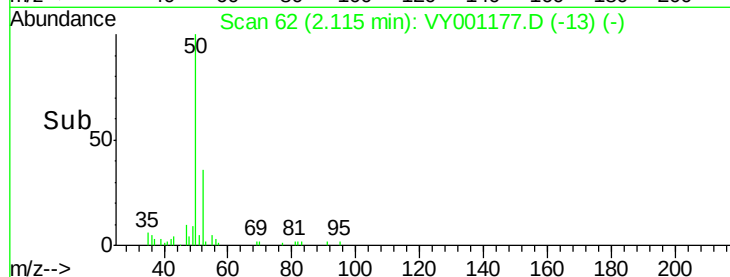
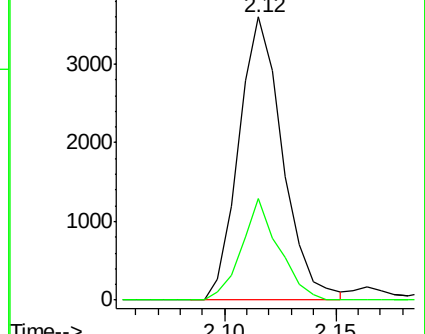
50 100

52 35.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.422 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001177.D

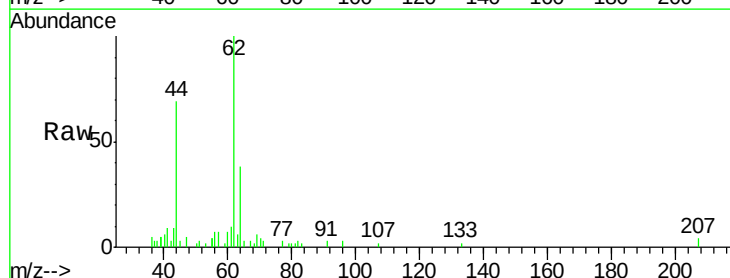
Acq: 13 Jan 2020 13:48

Tgt Ion: 62 Resp: 4719

Ion Ratio Lower Upper

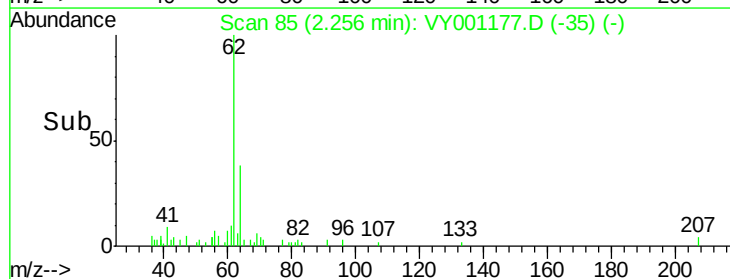
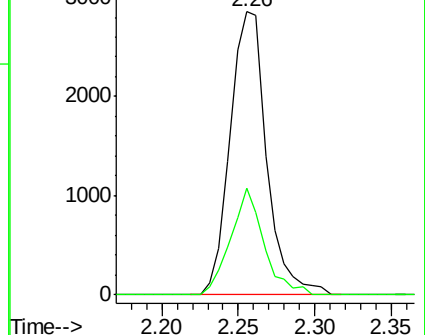
62 100

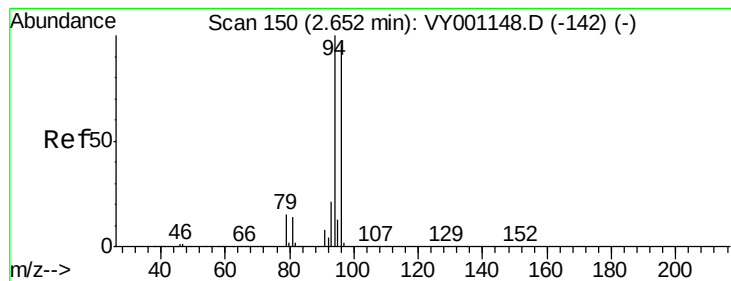
64 37.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 37.476 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

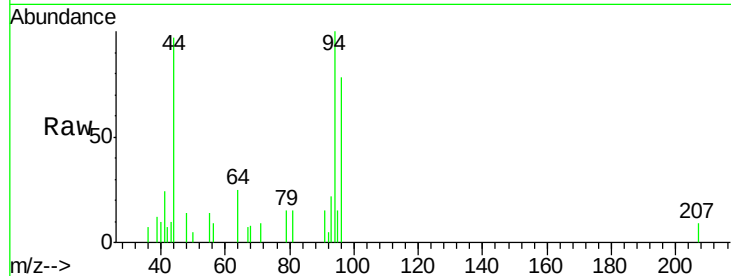
CIY1-SB-04-0-2MSD

Tgt Ion: 94 Resp: 1884

Ion Ratio Lower Upper

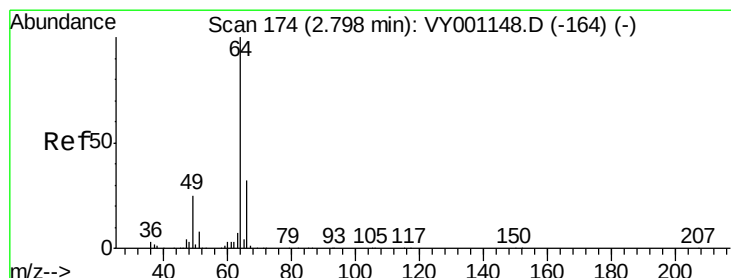
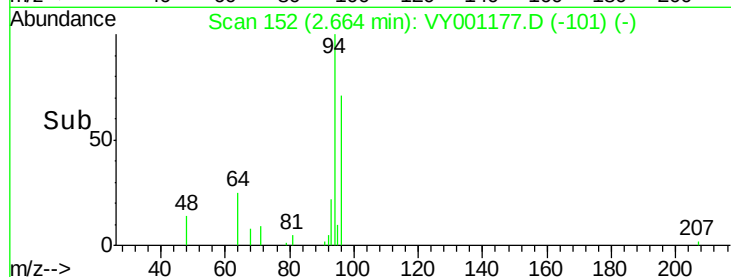
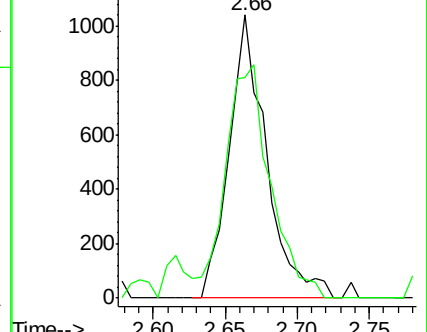
94 100

96 77.8 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 66.248 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001177.D

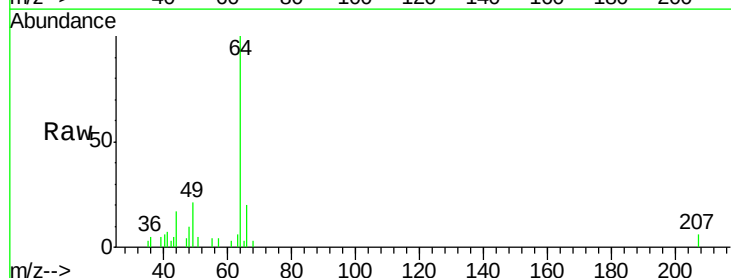
Acq: 13 Jan 2020 13:48

Tgt Ion: 64 Resp: 3582

Ion Ratio Lower Upper

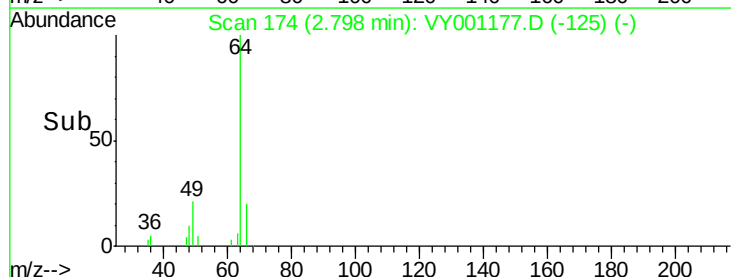
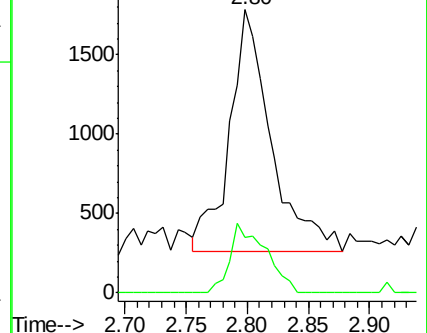
64 100

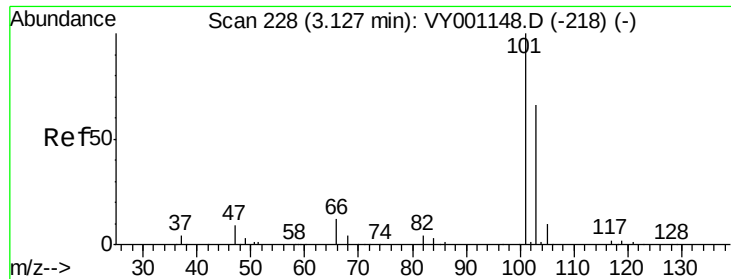
66 23.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



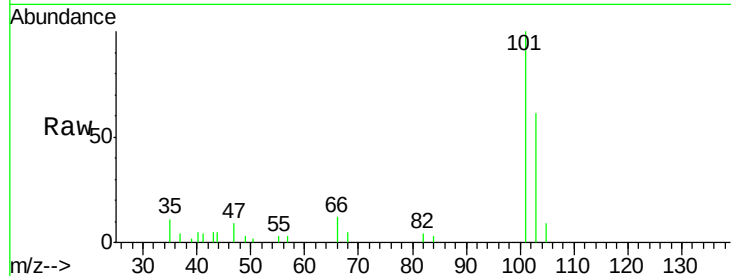


#7

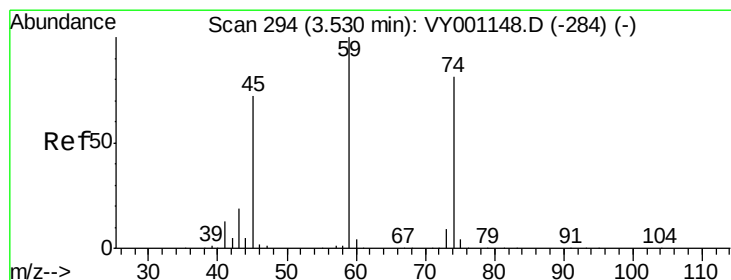
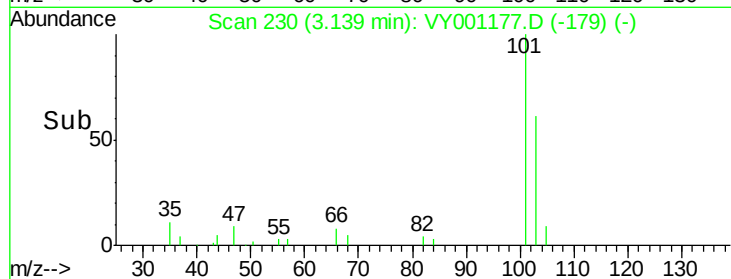
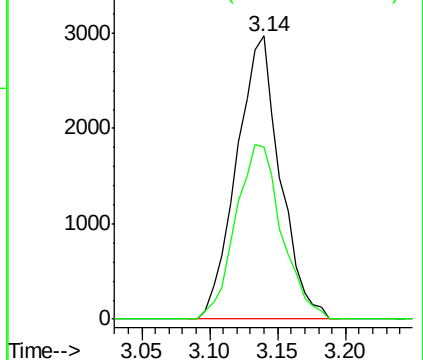
Trichlorofluoromethane
Concen: 50.932 ug/l
RT: 3.14 min Scan# 230
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

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MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tgt Ion: 101 Resp: 6635
Ion Ratio Lower Upper
101 100
103 60.8 52.6 79.0



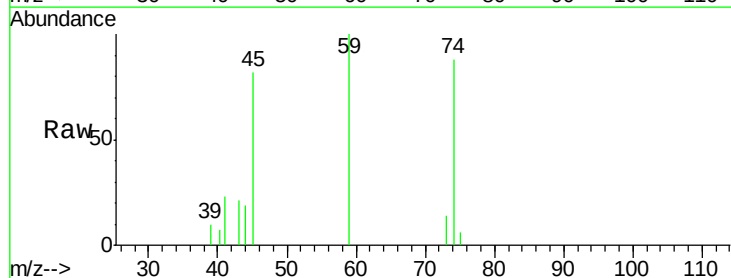
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



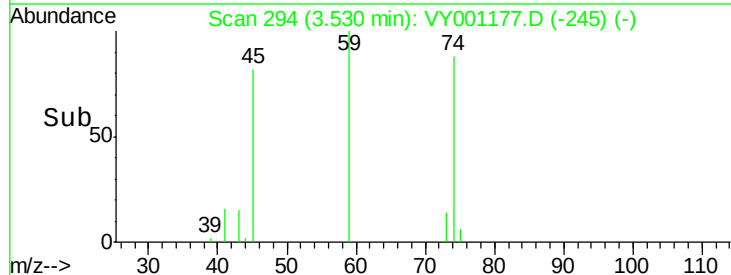
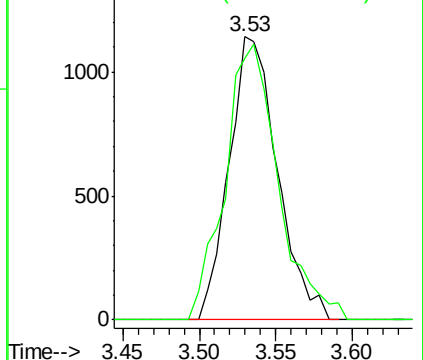
#8

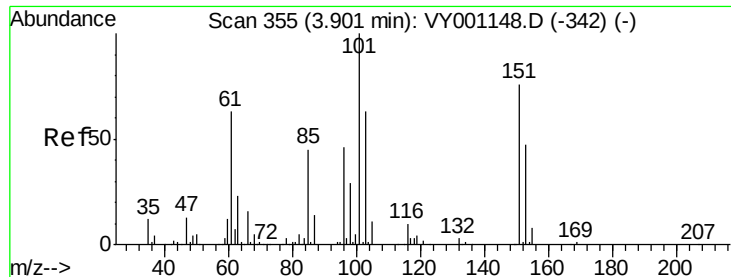
Diethyl Ether
Concen: 49.545 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 74 Resp: 2508
Ion Ratio Lower Upper
74 100
45 107.5 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.017 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

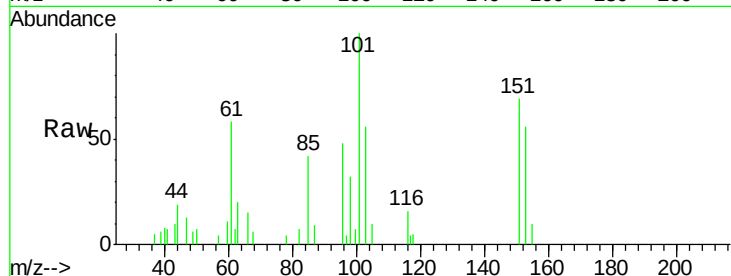
Tgt Ion:101 Resp: 4278

Ion Ratio Lower Upper

101 100

85 45.0 35.2 52.8

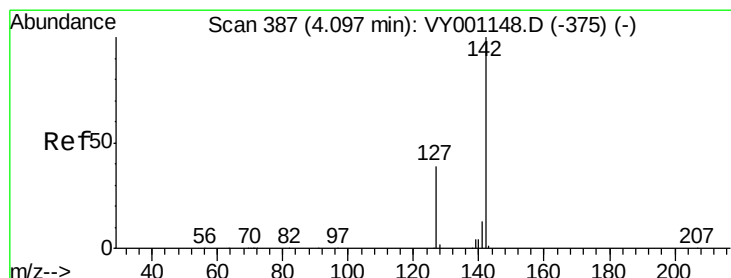
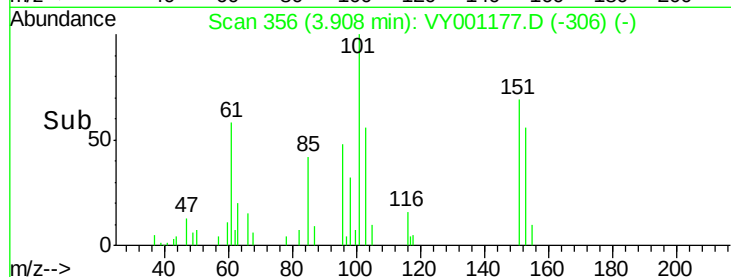
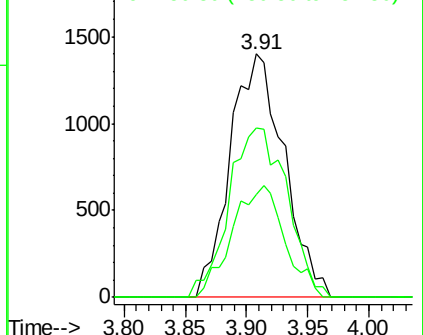
151 75.1 61.4 92.2



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: 52.057 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

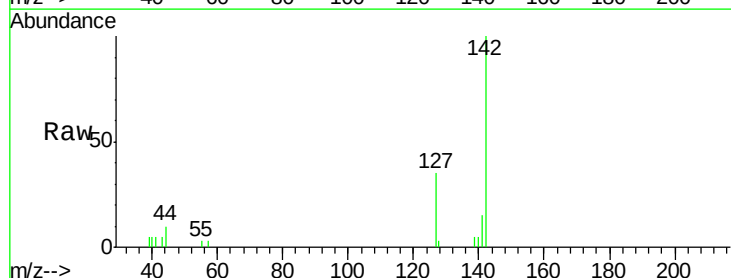
Tgt Ion:142 Resp: 5975

Ion Ratio Lower Upper

142 100

127 39.8 30.8 46.2

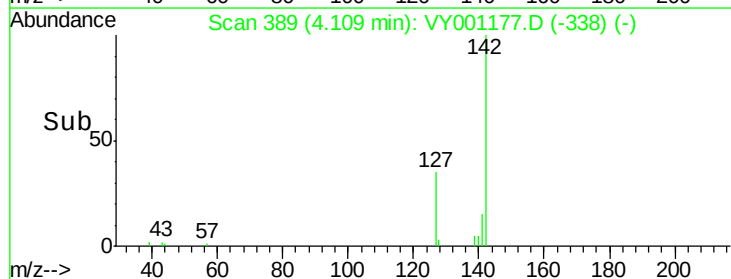
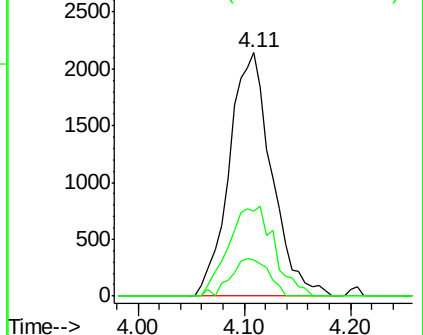
141 13.8 11.0 16.4

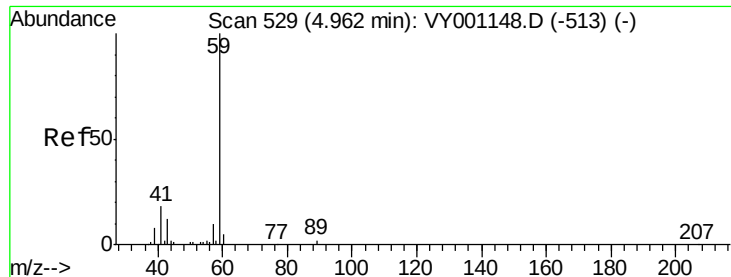


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



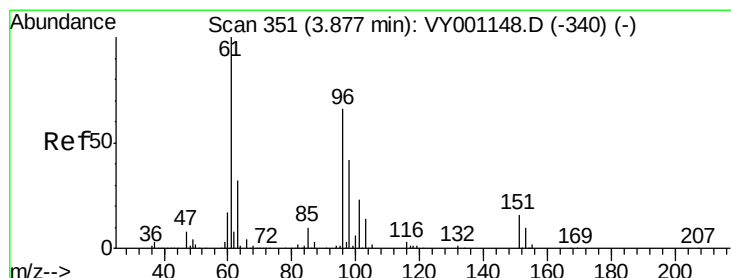
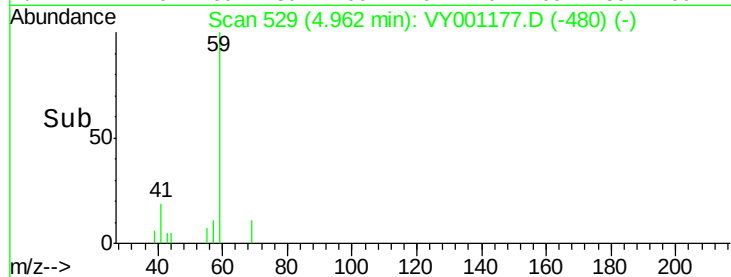
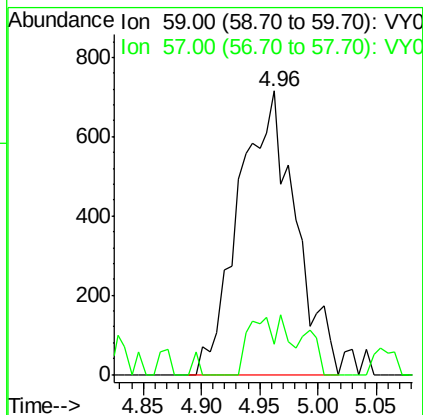
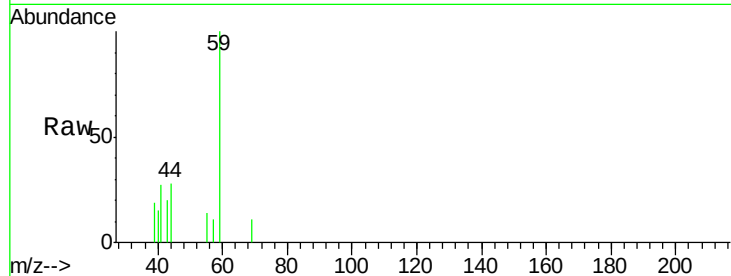


#11

Tert butyl alcohol
 Concen: 269.237 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

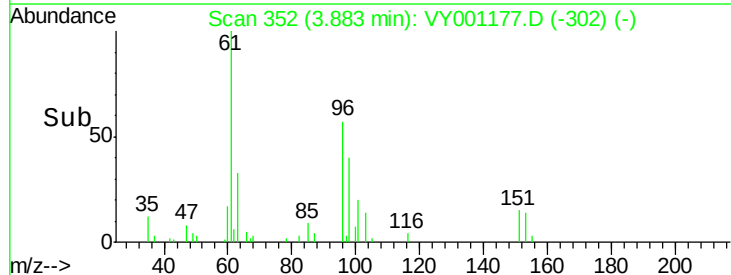
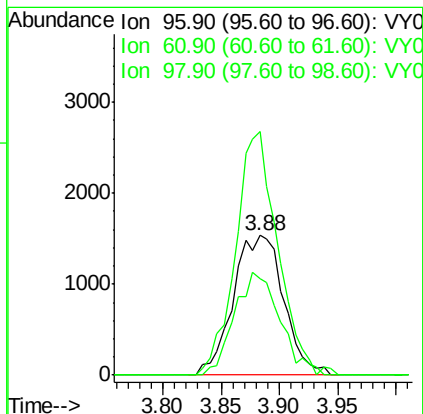
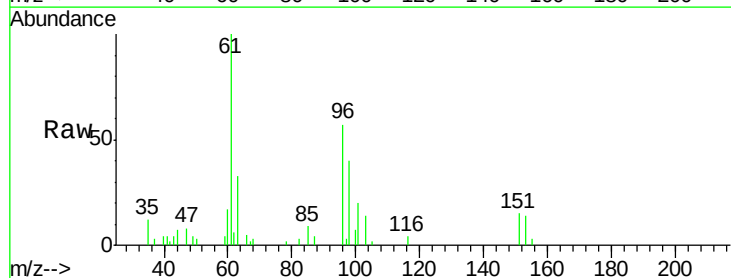
Tgt Ion: 59 Resp: 2401
 Ion Ratio Lower Upper
 59 100
 57 13.5 7.8 11.8#

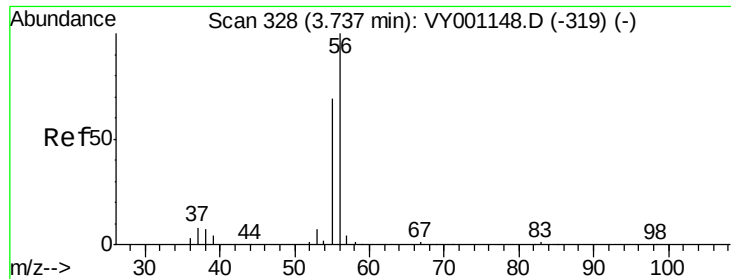


#12

1,1-Dichloroethene
 Concen: 53.666 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 96 Resp: 4604
 Ion Ratio Lower Upper
 96 100
 61 174.4 122.1 183.1
 98 69.1 51.0 76.6





#13

Acrolein

Concen: 94.167 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

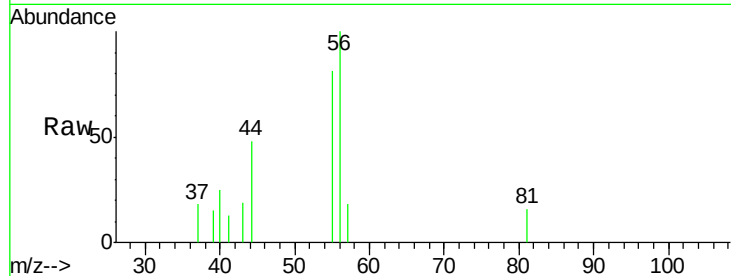
CIY1-SB-04-0-2MSD

Tgt Ion: 56 Resp: 756

Ion Ratio Lower Upper

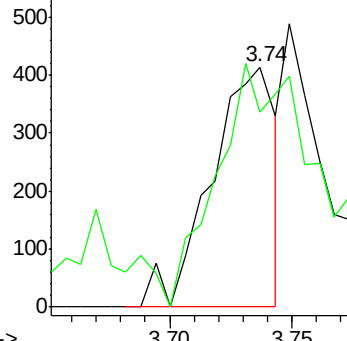
56 100

55 160.7 56.7 85.1#

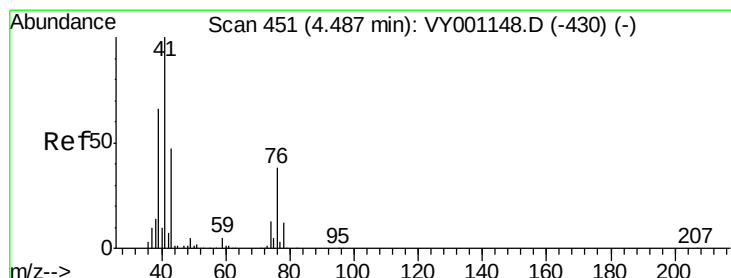
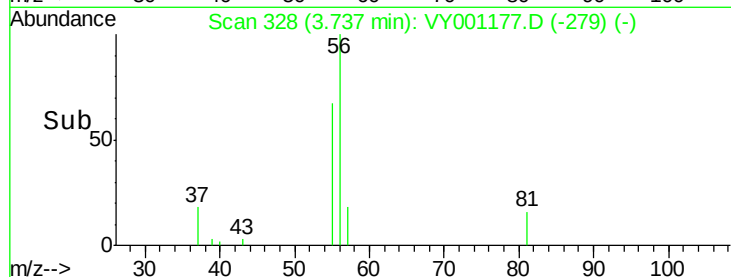


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



Time-->



#14

Allyl chloride

Concen: 49.298 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

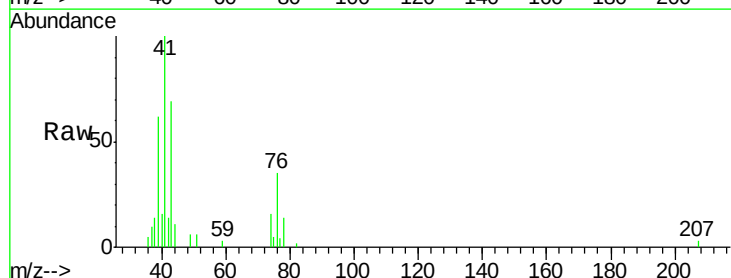
Tgt Ion: 41 Resp: 7138

Ion Ratio Lower Upper

41 100

39 61.9 52.6 78.8

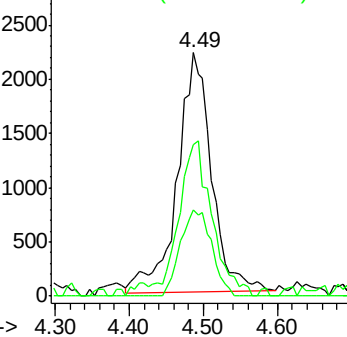
76 32.9 30.2 45.2



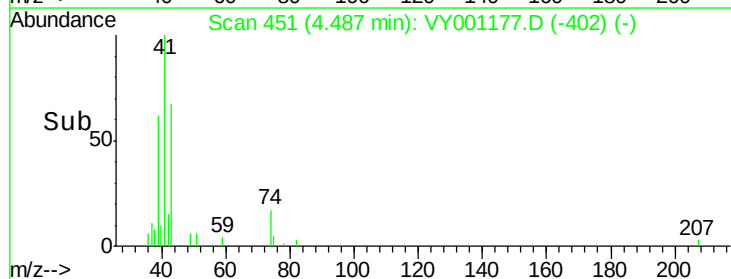
Abundance Ion 41.00 (40.70 to 41.70): VY0

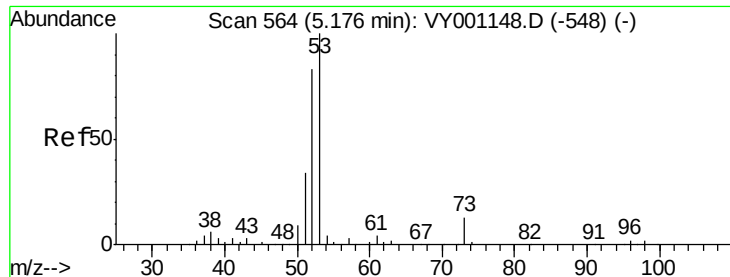
Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0



Time-->





#15

Acrylonitrile

Concen: 262.715 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

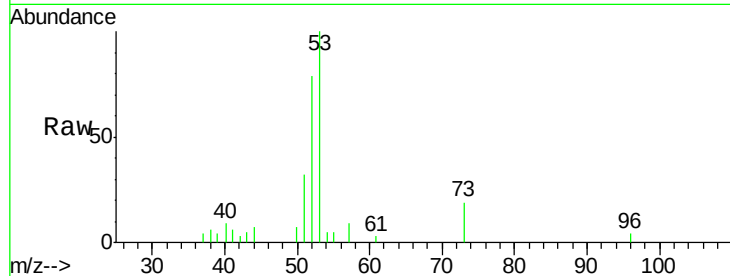
Tgt Ion: 53 Resp: 6651

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

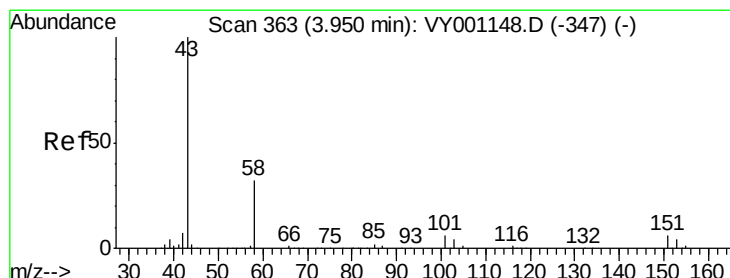
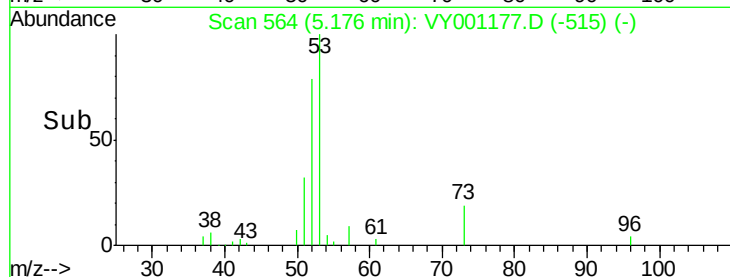
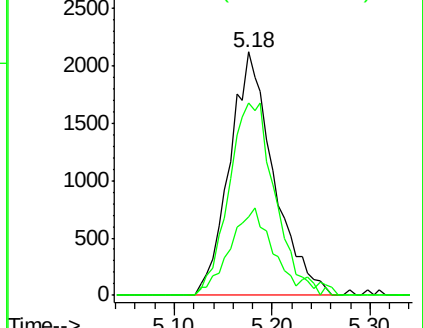
51 34.3 28.7 43.1



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: 394.810 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001177.D

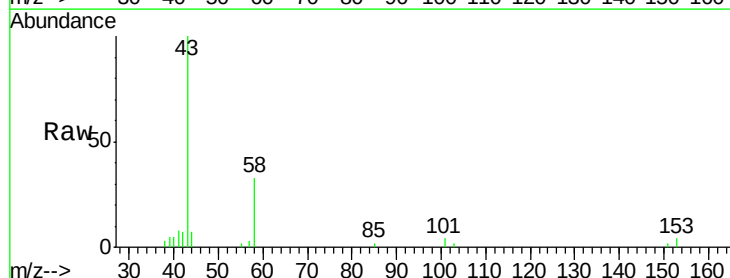
Acq: 13 Jan 2020 13:48

Tgt Ion: 43 Resp: 8127

Ion Ratio Lower Upper

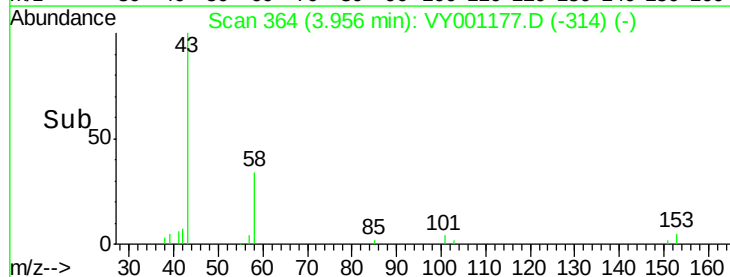
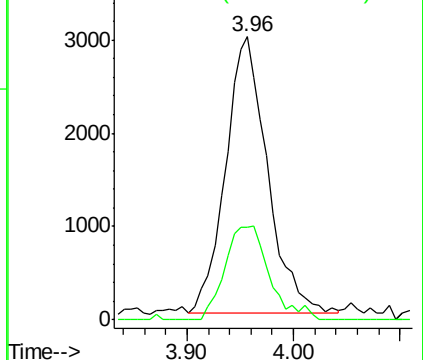
43 100

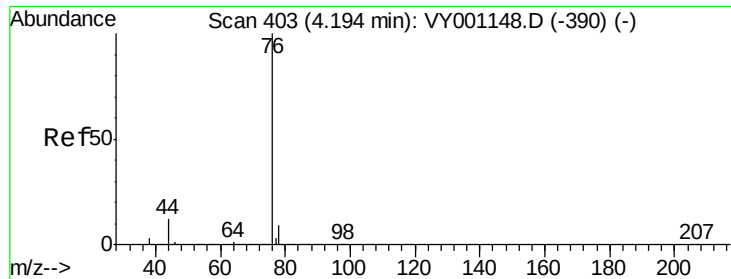
58 33.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

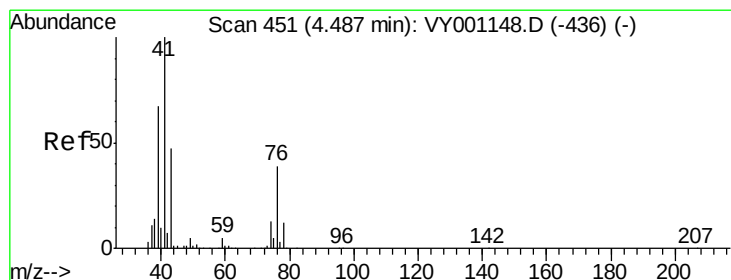
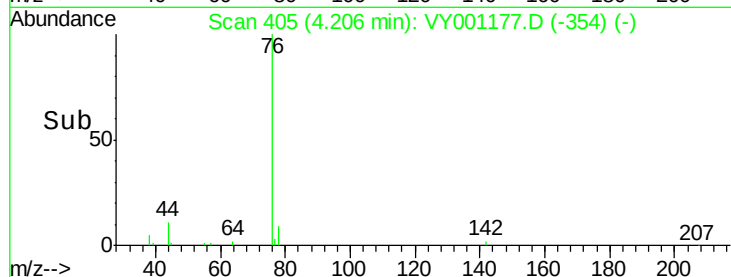
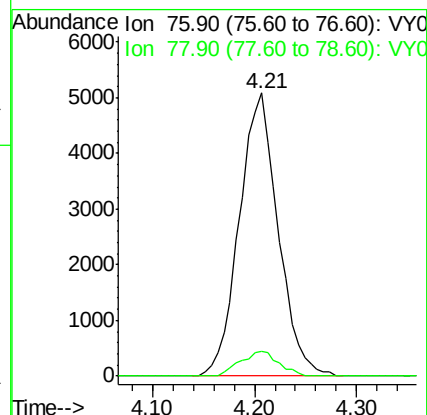
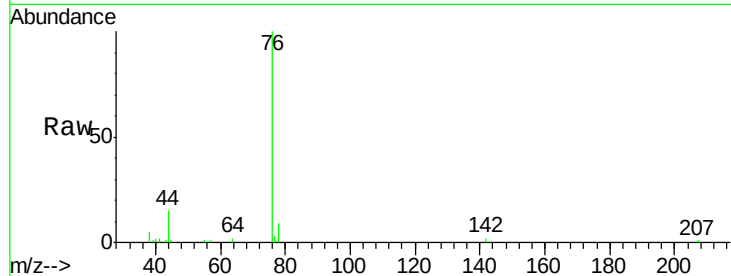




#17
Carbon Disulfide
Concen: 48.317 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

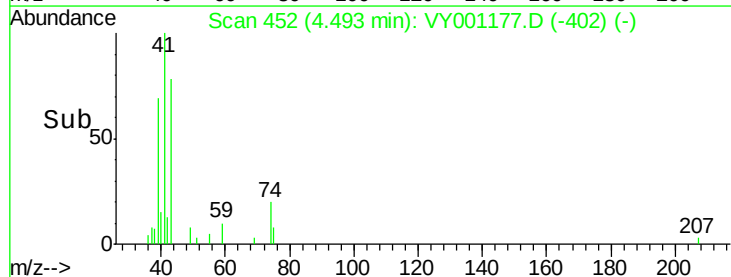
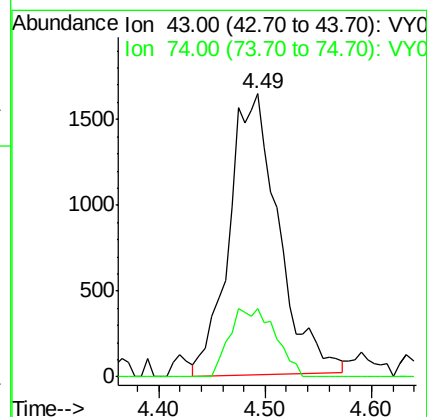
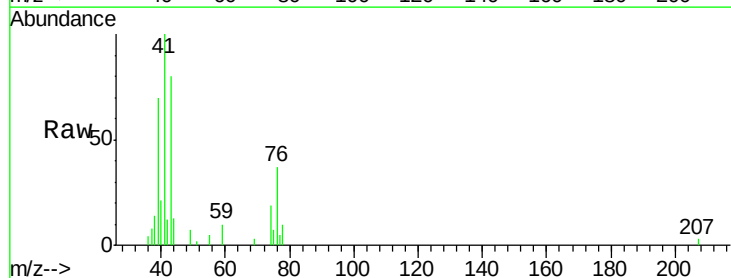
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

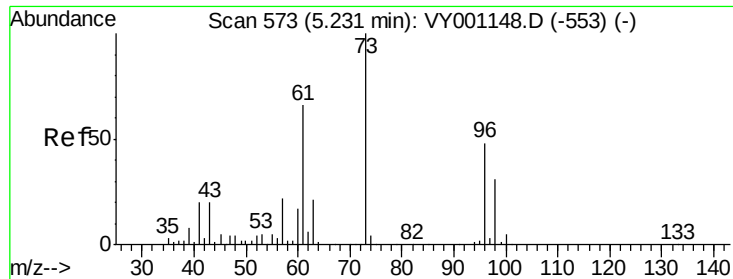
Tgt Ion: 76 Resp: 13416
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 77.860 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 43 Resp: 5299
Ion Ratio Lower Upper
43 100
74 22.8 20.2 30.2



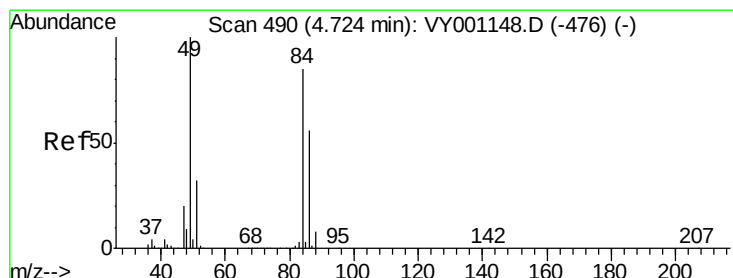
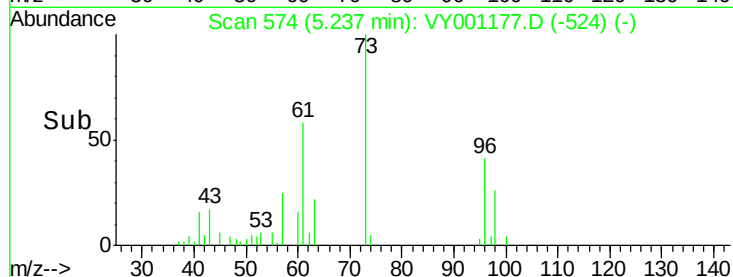
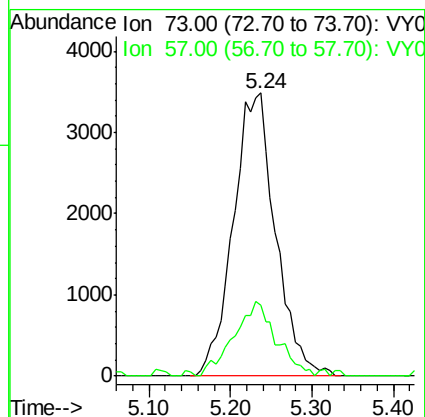
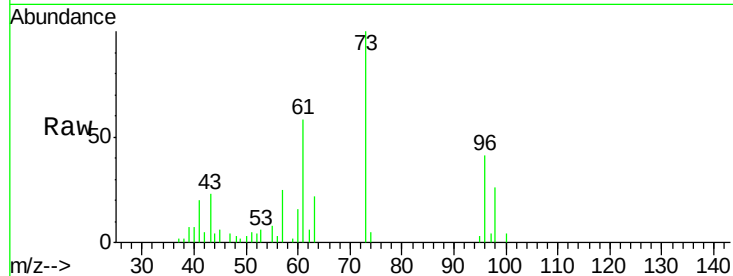


#19

Methyl tert-butyl Ether
 Concen: 52.641 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

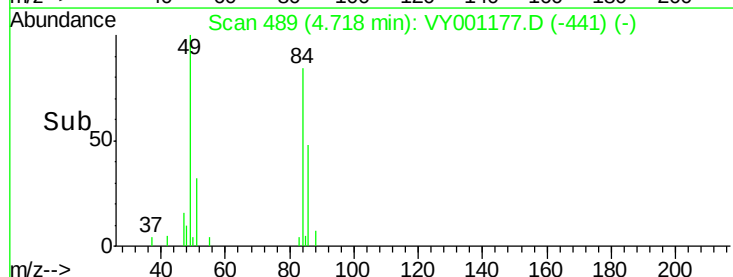
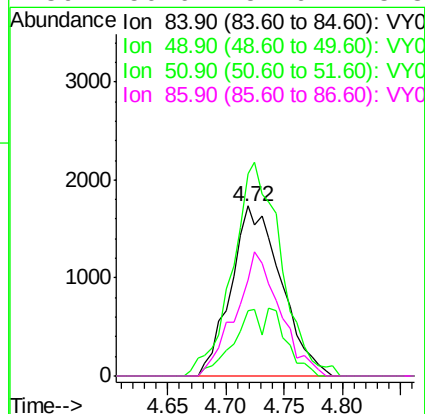
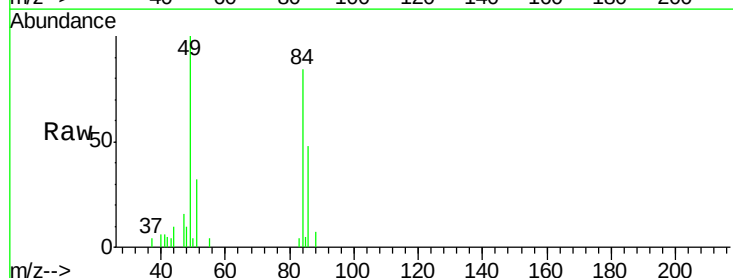
Tgt Ion: 73 Resp: 12492
 Ion Ratio Lower Upper
 73 100
 57 23.5 17.8 26.6

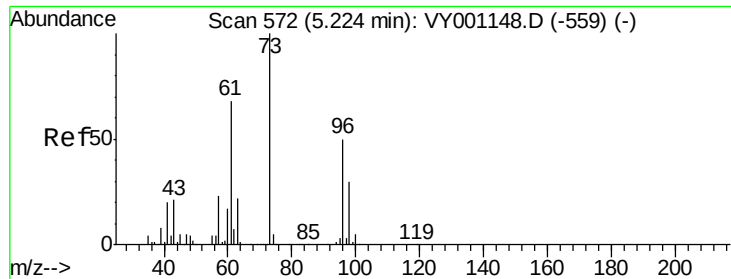


#20

Methylene Chloride
 Concen: 54.601 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 84 Resp: 5189
 Ion Ratio Lower Upper
 84 100
 49 118.5 93.8 140.6
 51 38.2 29.9 44.9
 86 56.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 50.022 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

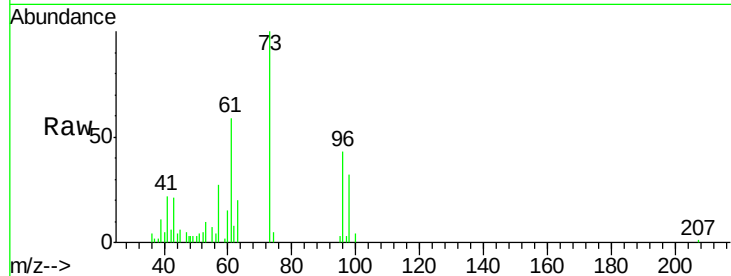
Tgt Ion: 96 Resp: 4866

Ion Ratio Lower Upper

96 100

61 138.5 107.6 161.4

98 74.6 47.6 71.4#

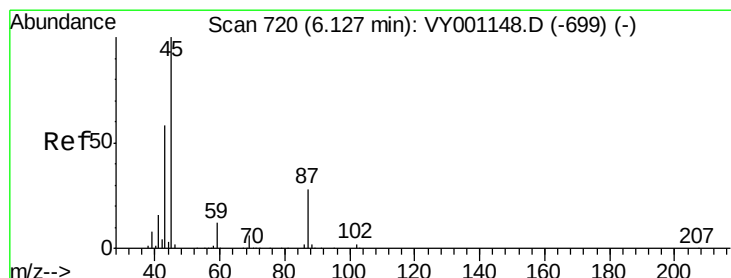
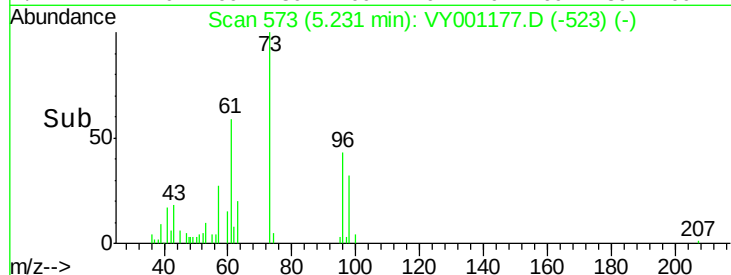
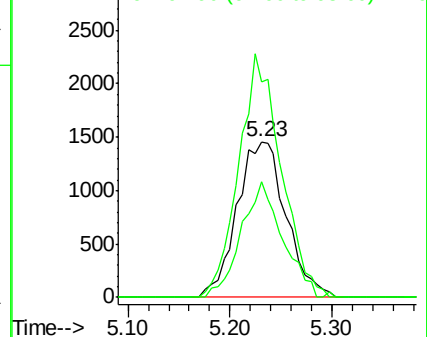


Abundance

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: 50.112 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Tgt Ion: 45 Resp: 14820

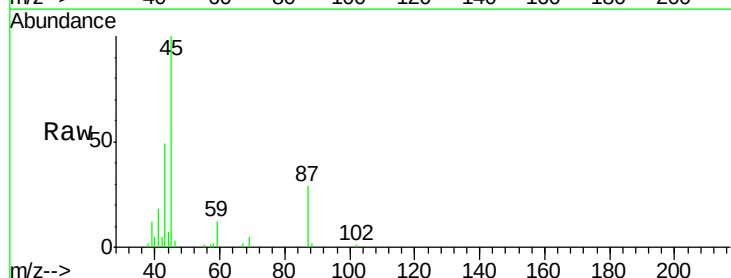
Ion Ratio Lower Upper

45 100

43 45.8 46.5 69.7#

87 28.7 22.5 33.7

59 11.6 9.4 14.0



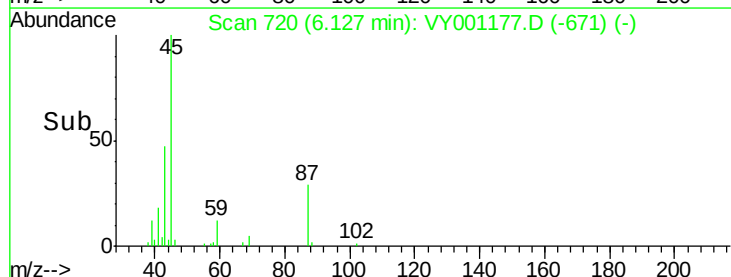
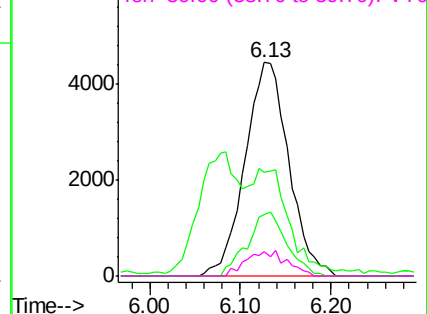
Abundance

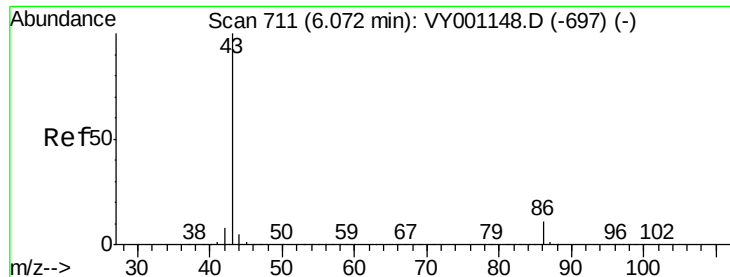
Ion 45.00 (44.70 to 45.70): VY0

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: 40.510 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

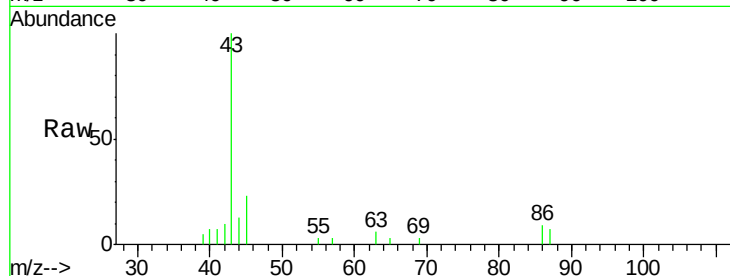
CIY1-SB-04-0-2MSD

Tgt Ion: 43 Resp: 7662

Ion Ratio Lower Upper

43 100

86 9.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

3000

2500

2000

1500

1000

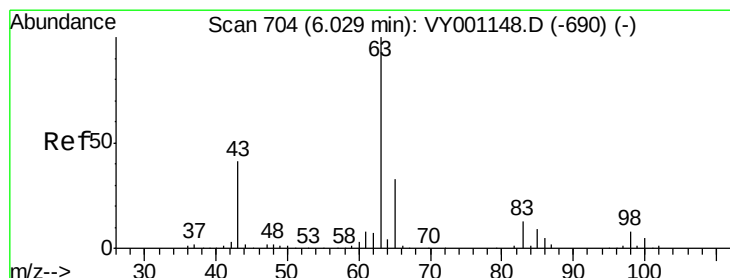
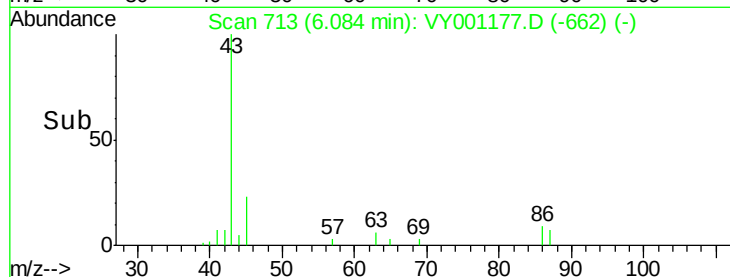
500

0

Time-->

5.95 6.00 6.05 6.10

6.08



#24

1,1-Dichloroethane

Concen: 50.765 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

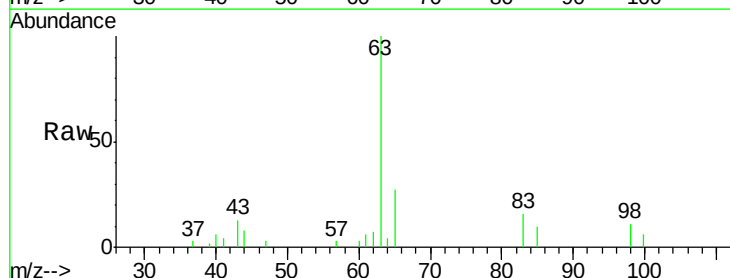
Tgt Ion: 63 Resp: 8219

Ion Ratio Lower Upper

63 100

98 10.7 3.9 11.7

100 6.3 2.4 7.2



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

3000

2000

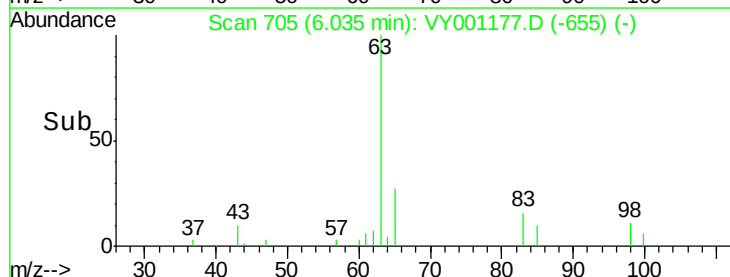
1000

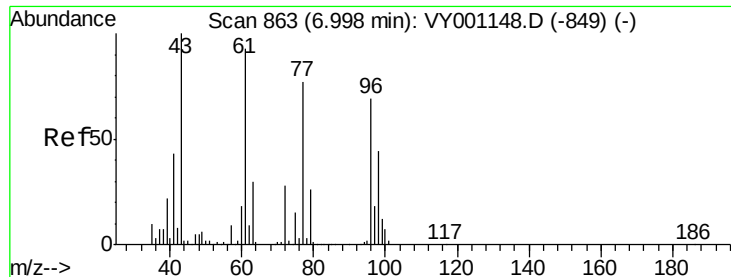
0

Time-->

5.90 6.00 6.10

6.04





#25

2-Butanone

Concen: 324.782 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

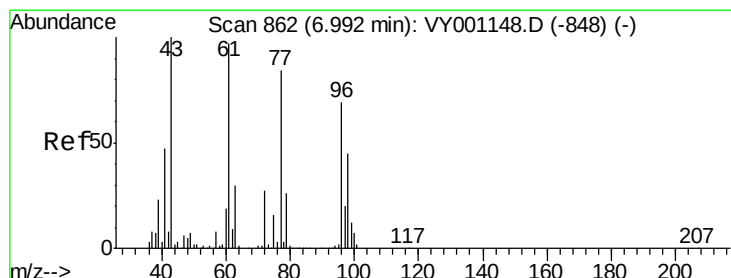
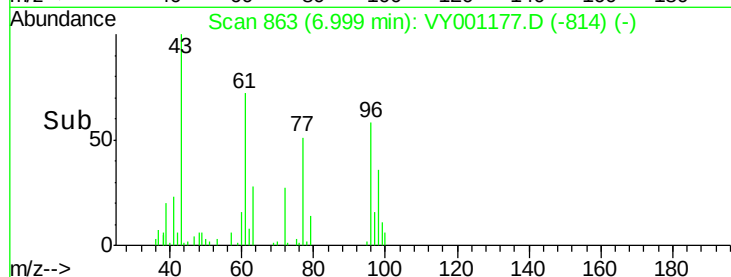
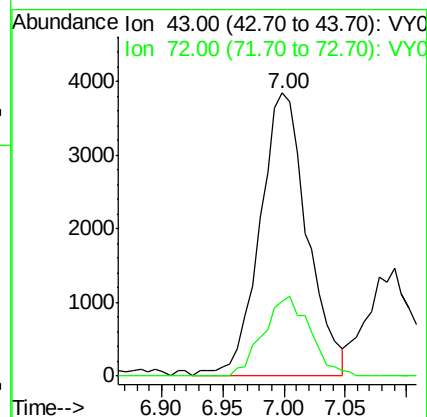
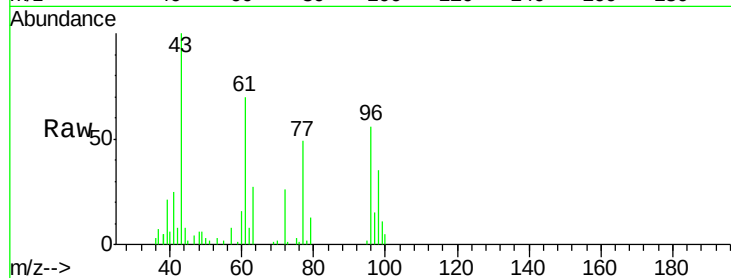
CIY1-SB-04-0-2MSD

Tgt Ion: 43 Resp: 10405

Ion Ratio Lower Upper

43 100

72 26.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 40.253 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY001177.D

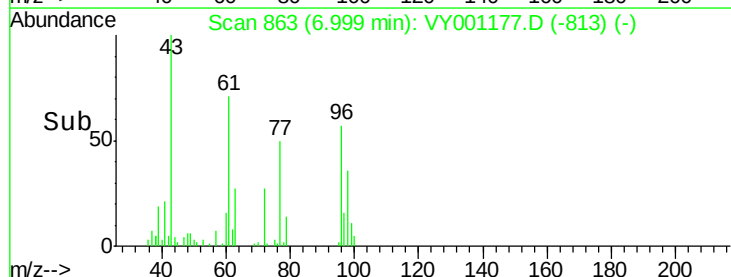
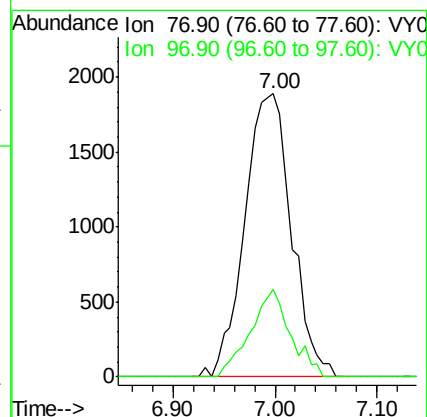
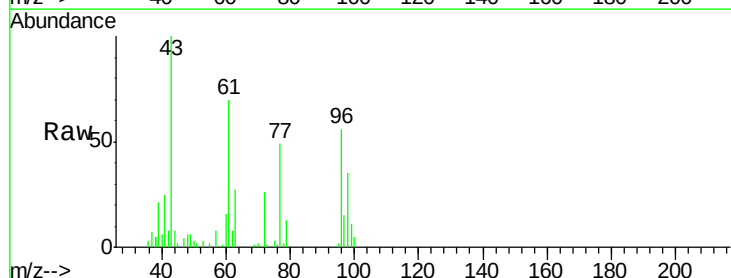
Acq: 13 Jan 2020 13:48

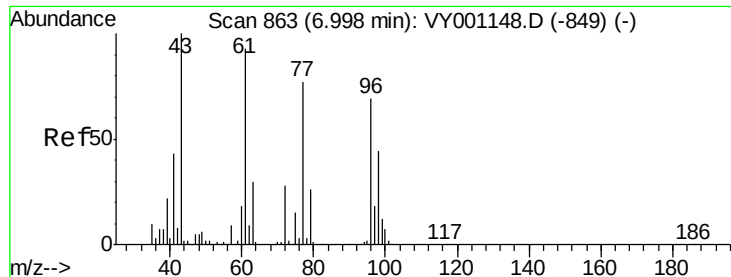
Tgt Ion: 77 Resp: 5993

Ion Ratio Lower Upper

77 100

97 26.6 11.9 35.7



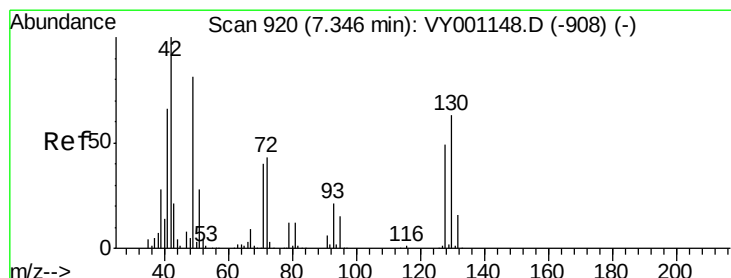
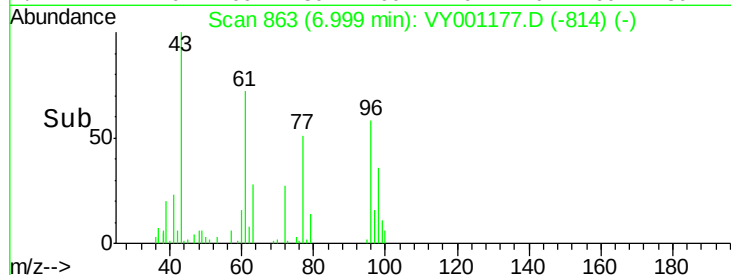
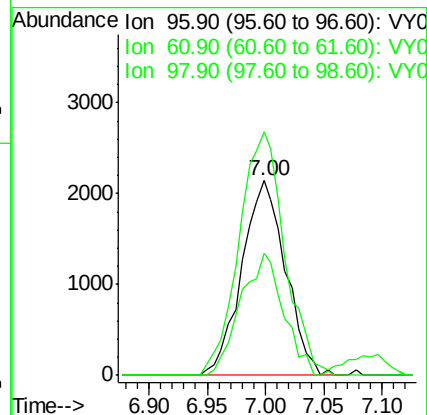
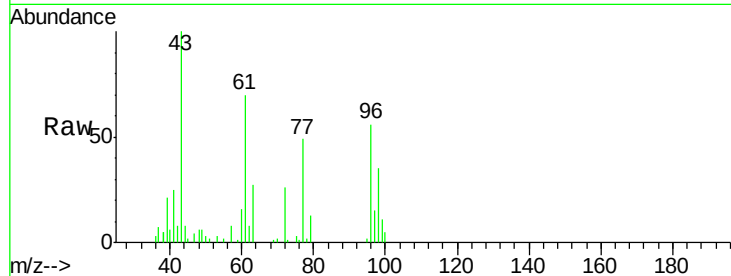


#27

cis-1,2-Dichloroethene
Concen: 52.668 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

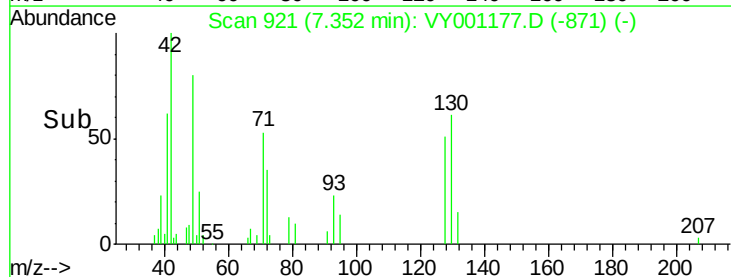
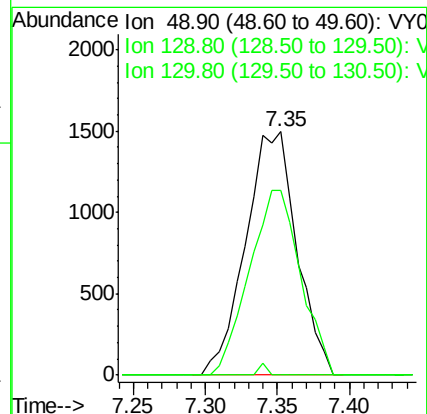
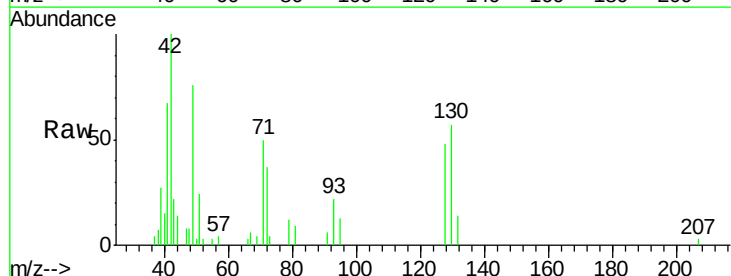
Tgt Ion: 96 Resp: 5614
Ion Ratio Lower Upper
96 100
61 130.4 0.0 284.0
98 61.0 0.0 130.2

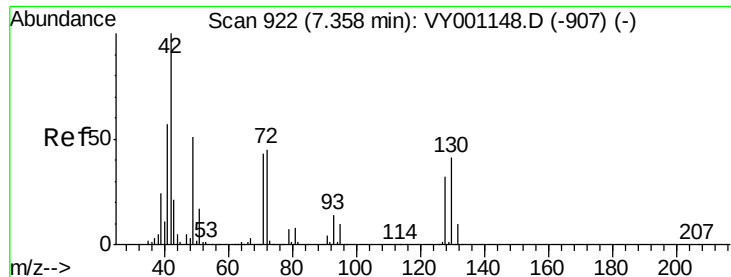


#28

Bromochloromethane
Concen: 55.412 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 49 Resp: 3684
Ion Ratio Lower Upper
49 100
129 0.8 0.0 4.4
130 76.2 61.2 91.8

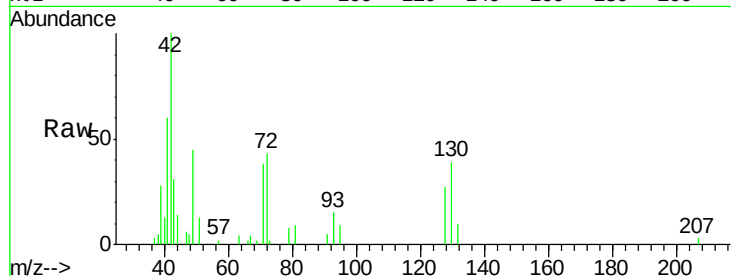




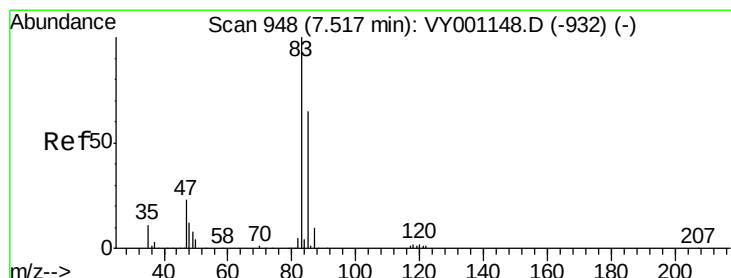
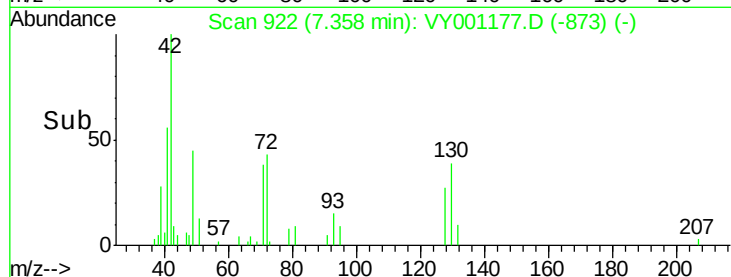
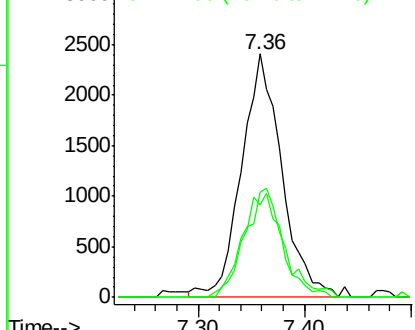
#29
Tetrahydrofuran
Concen: 290.732 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tgt Ion: 42 Resp: 6383
Ion Ratio Lower Upper
42 100
72 43.3 36.9 55.3
71 43.3 34.0 51.0

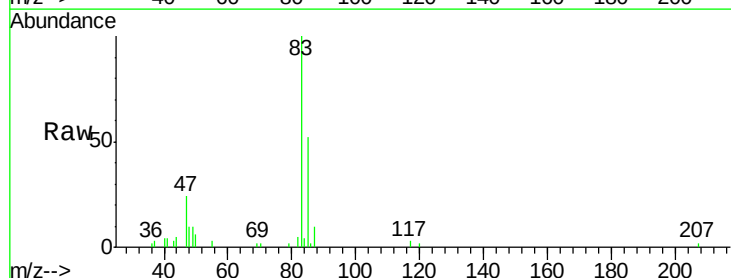


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

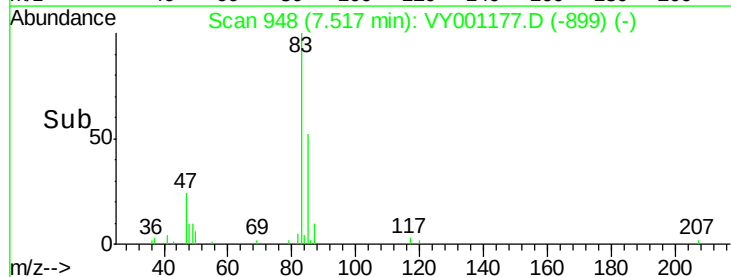
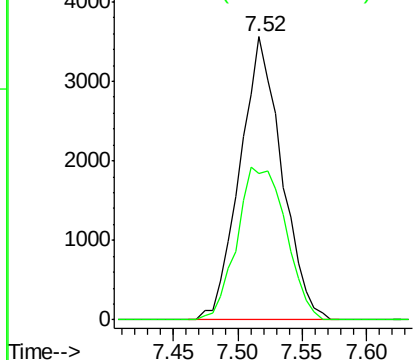


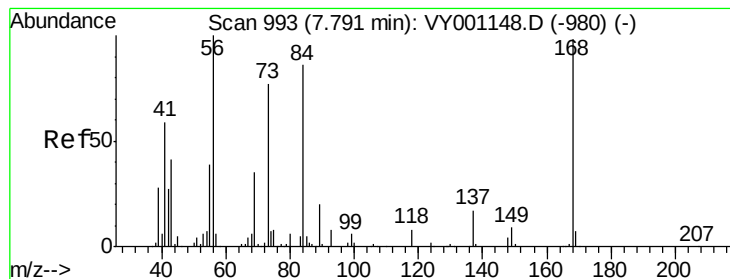
#30
Chloroform
Concen: 50.297 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 83 Resp: 7979
Ion Ratio Lower Upper
83 100
85 51.5 51.9 77.9#



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





#31

Cyclohexane

Concen: 49.602 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

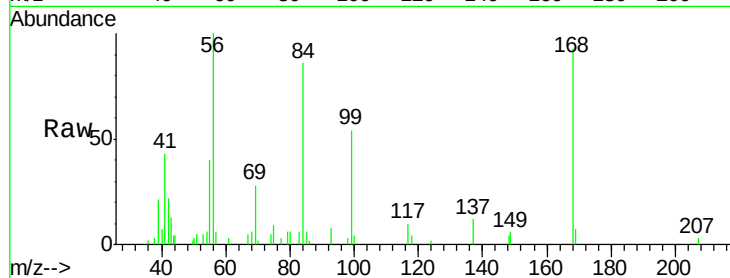
Tgt Ion: 56 Resp: 8503

Ion Ratio Lower Upper

56 100

69 27.9 27.8 41.8

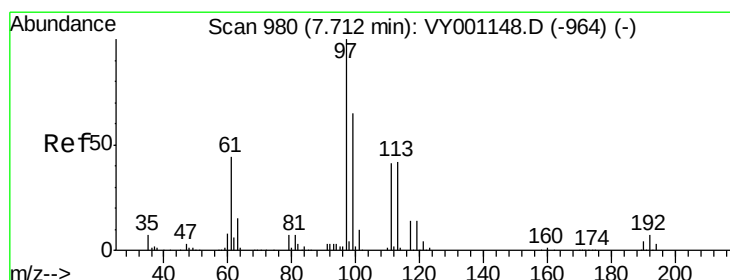
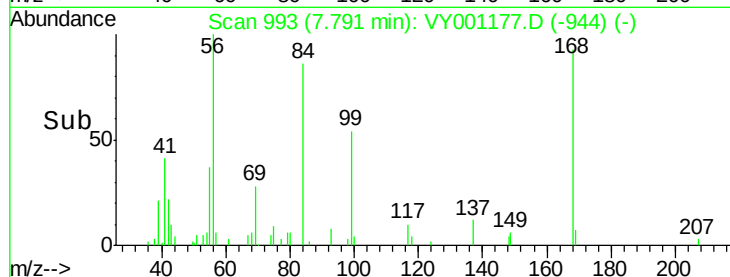
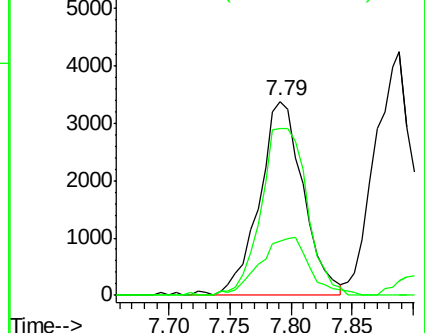
84 84.1 68.9 103.3



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.484 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

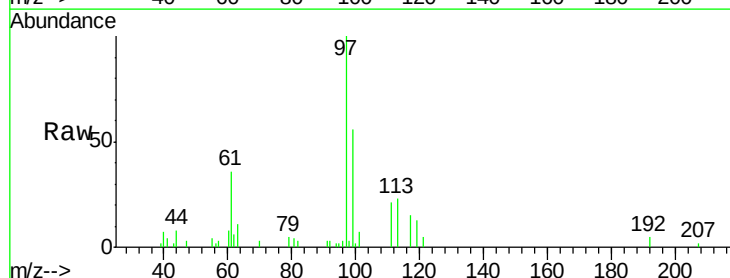
Tgt Ion: 97 Resp: 7106

Ion Ratio Lower Upper

97 100

99 67.8 51.3 76.9

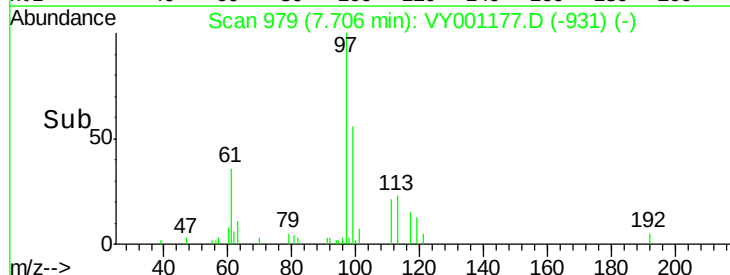
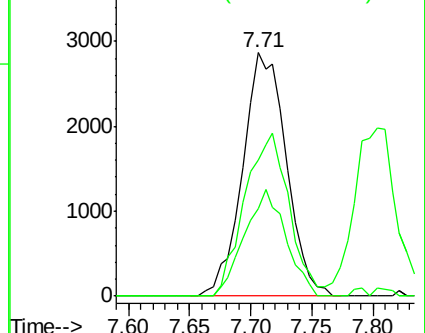
61 41.4 34.6 52.0

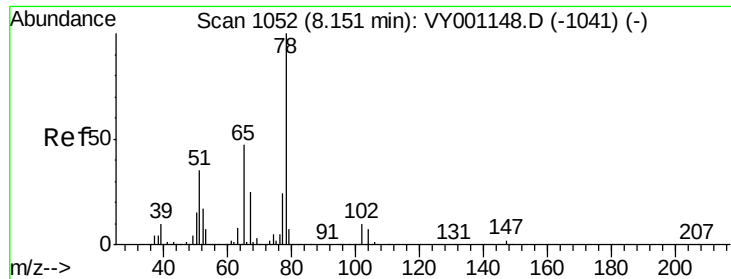


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

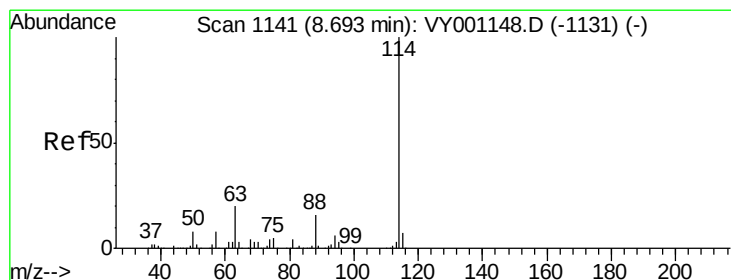
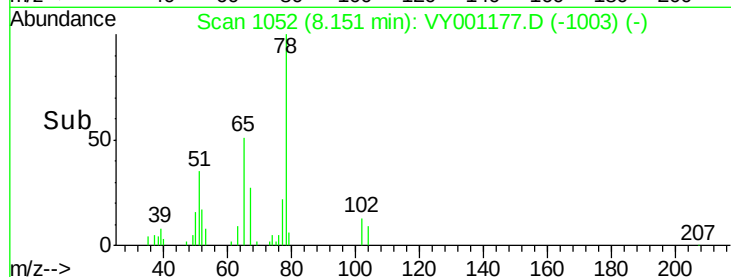
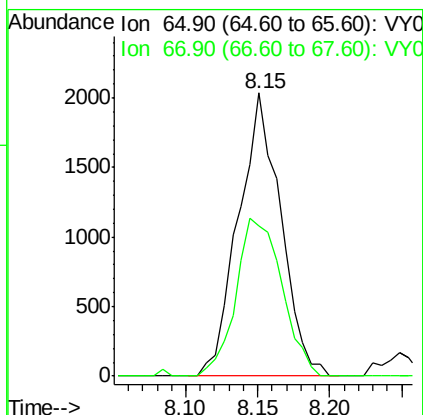
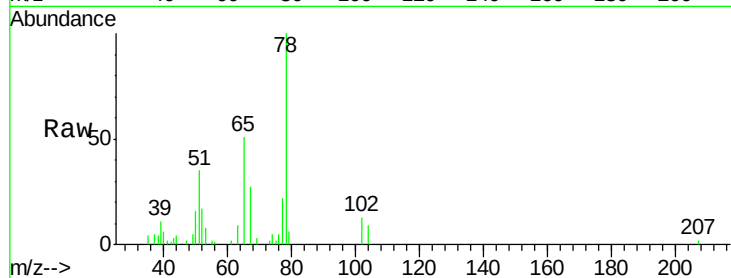




#33
 1,2-Dichloroethane-d4
 Concen: 46.889 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

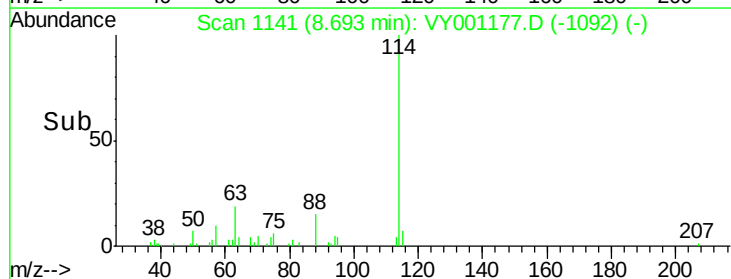
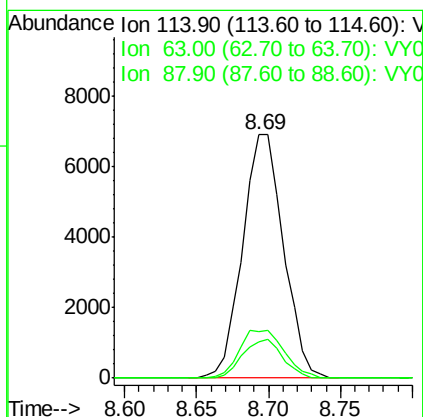
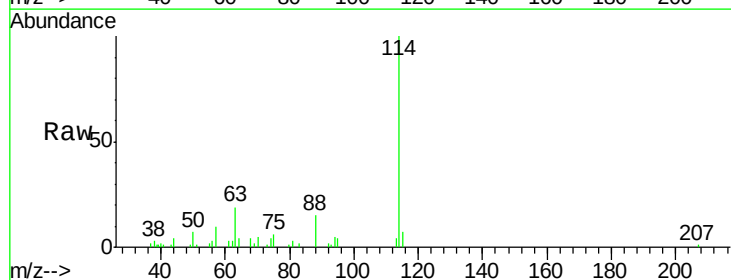
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

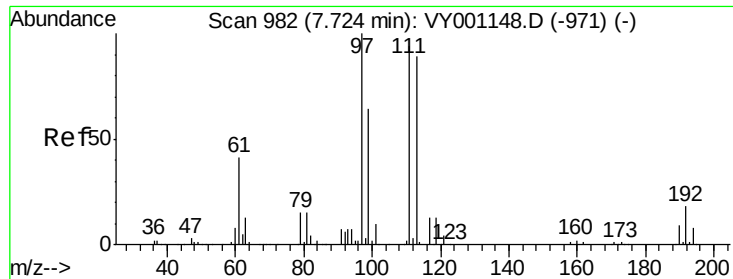
Tgt Ion: 65 Resp: 4156
 Ion Ratio Lower Upper
 65 100
 67 60.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 114 Resp: 13613
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.8
 88 15.0 0.0 32.4

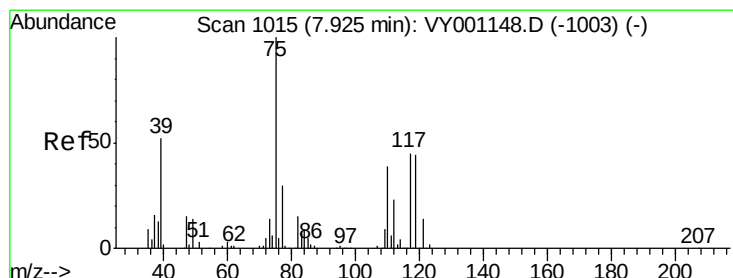
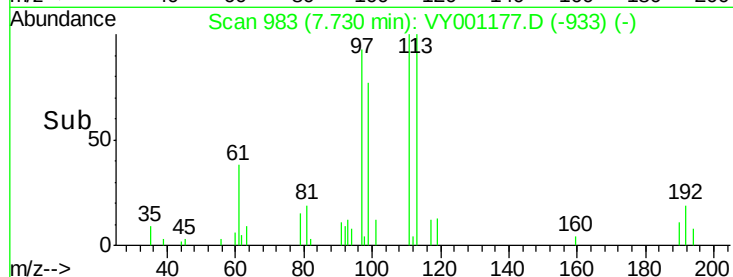
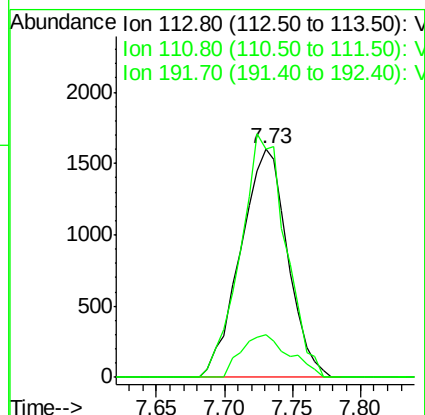
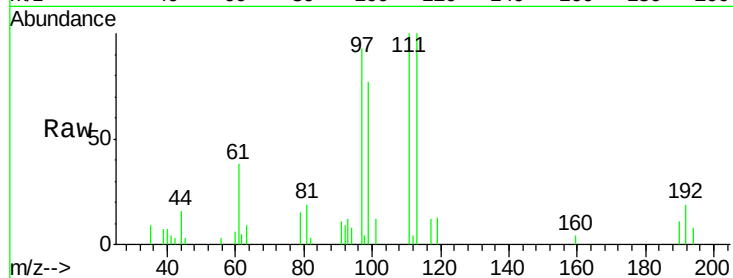




#35
 Dibromofluoromethane
 Concen: 48.693 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

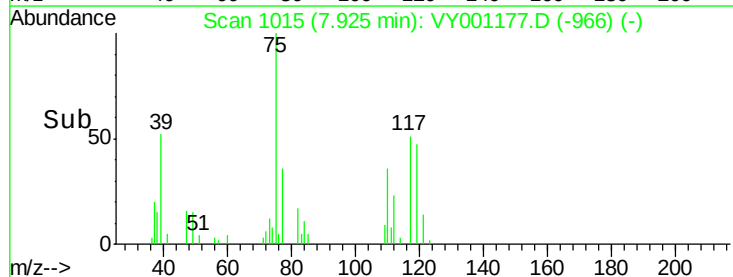
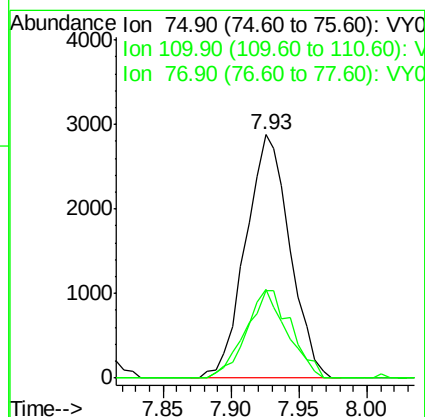
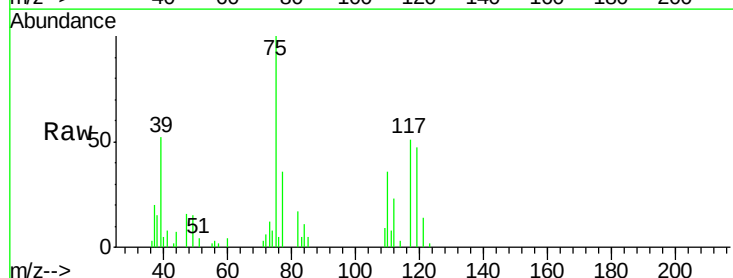
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

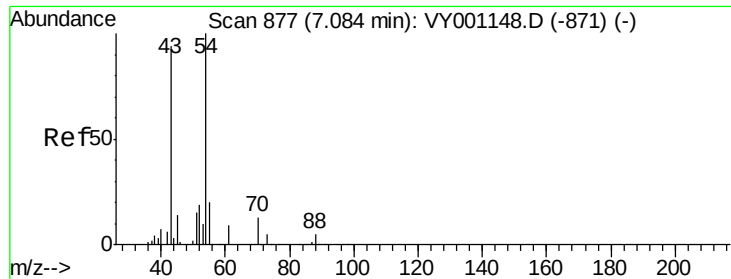
Tgt Ion:113 Resp: 3881
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 19.3 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 52.638 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 75 Resp: 6531
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.3 54.8
 77 33.4 25.1 37.7

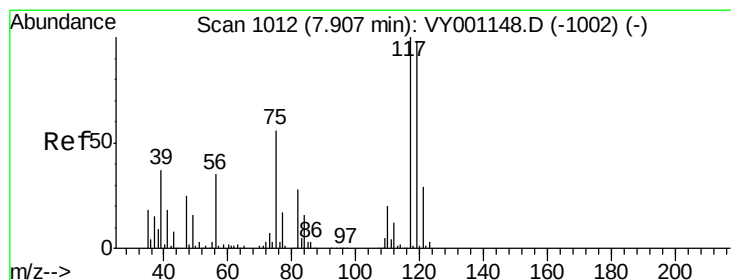
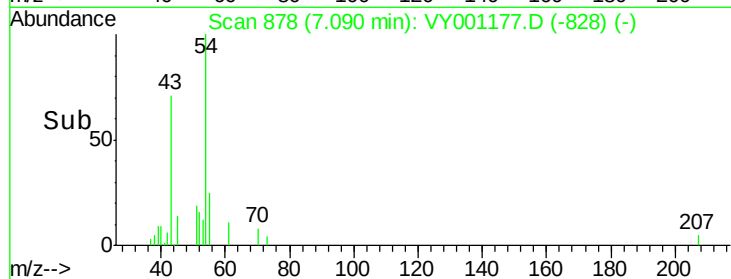
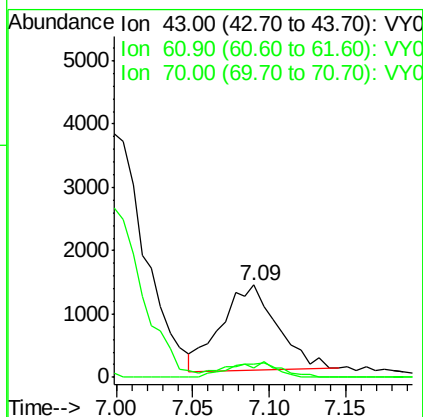
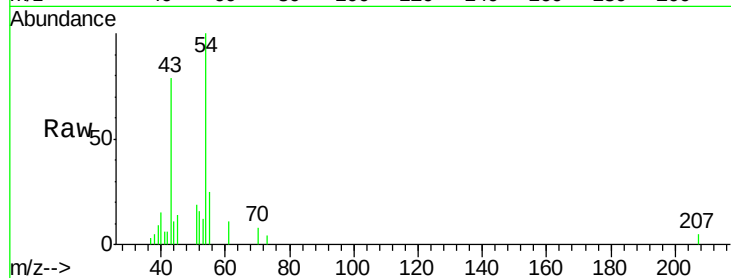




#37
Ethyl Acetate
Concen: 46.830 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

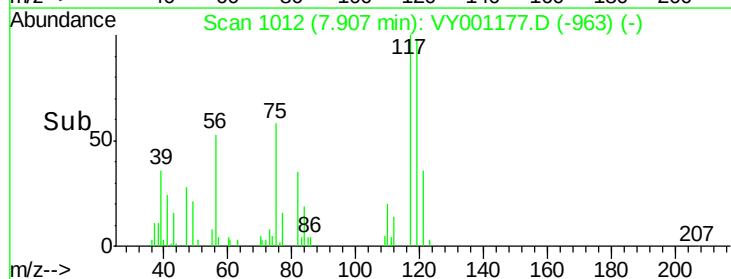
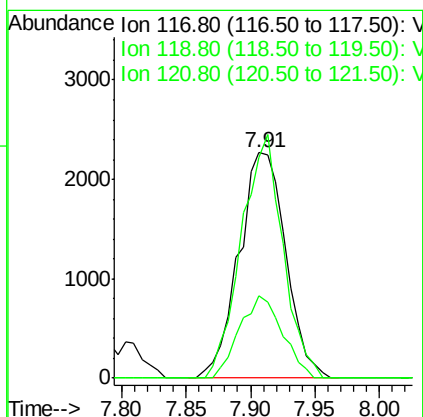
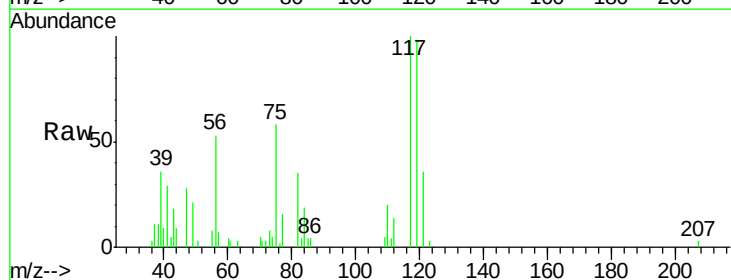
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

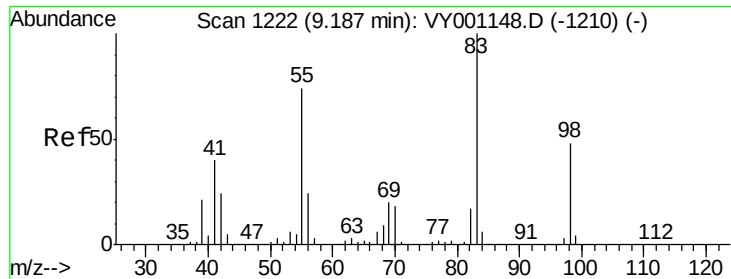
Tgt Ion: 43 Resp: 3410
Ion Ratio Lower Upper
43 100
61 16.4 11.1 16.7
70 8.7 9.7 14.5#



#38
Carbon Tetrachloride
Concen: 50.269 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 117 Resp: 5716
Ion Ratio Lower Upper
117 100
119 98.0 78.3 117.5
121 36.4 23.5 35.3#

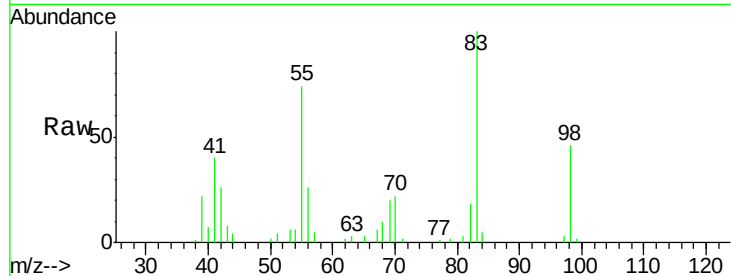




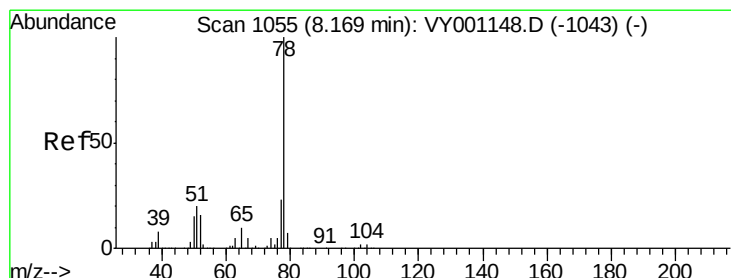
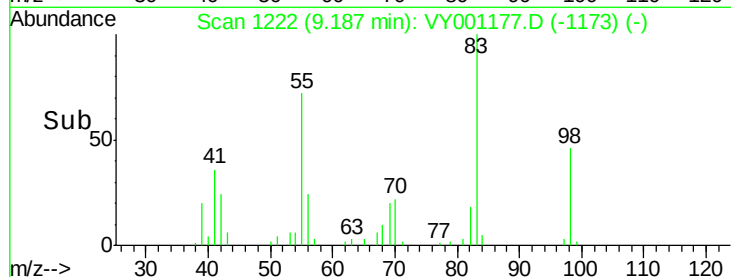
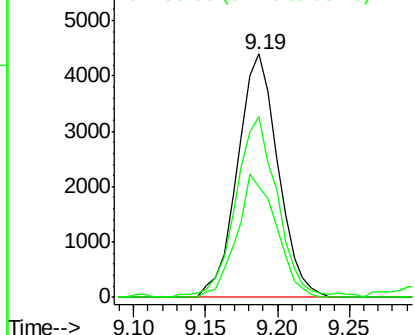
#39
Methylcyclohexane
Concen: 50.984 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tgt Ion: 83 Resp: 8576
Ion Ratio Lower Upper
83 100
55 72.8 58.9 88.3
98 45.6 38.4 57.6

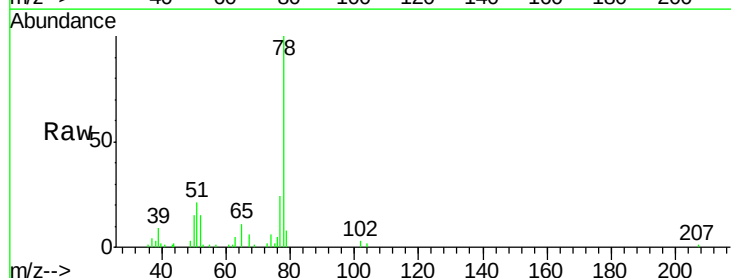


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

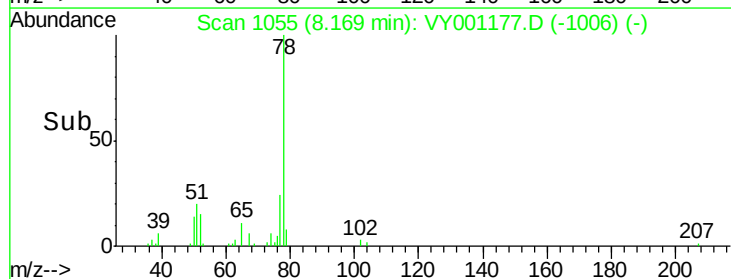
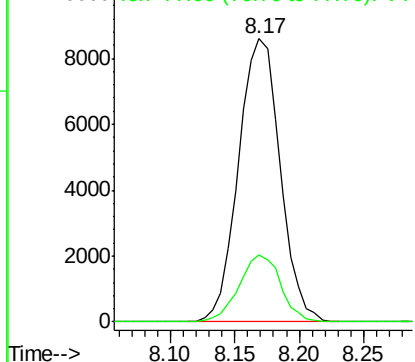


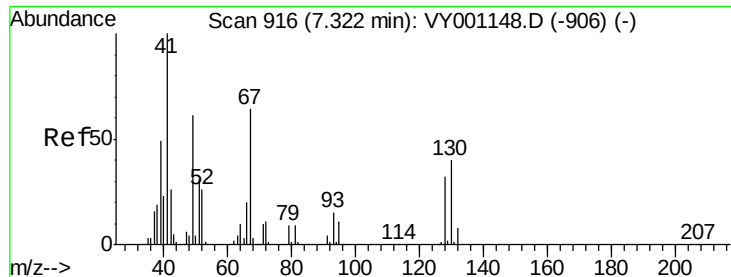
#40
Benzene
Concen: 53.211 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 78 Resp: 19272
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

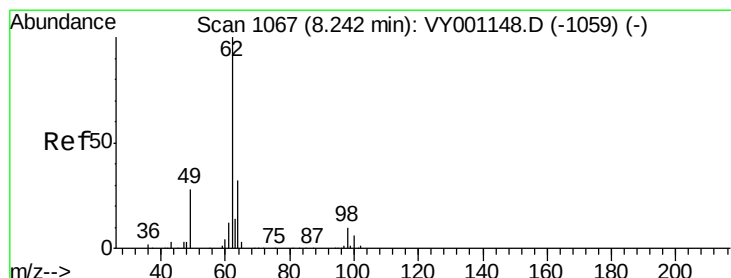
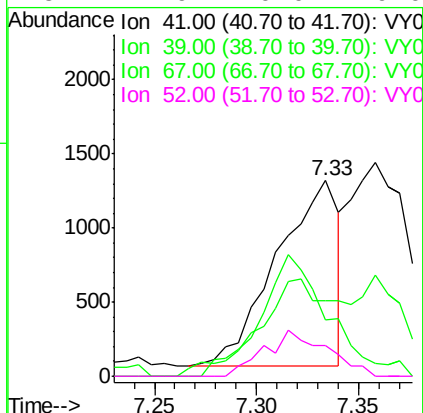
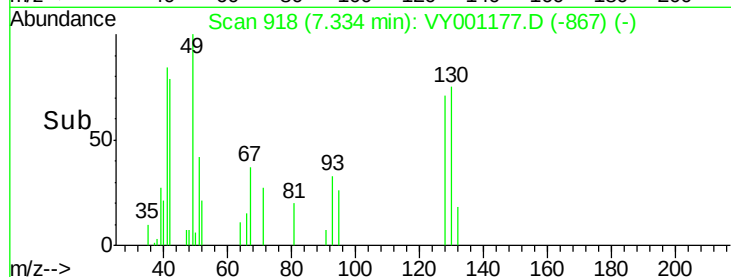
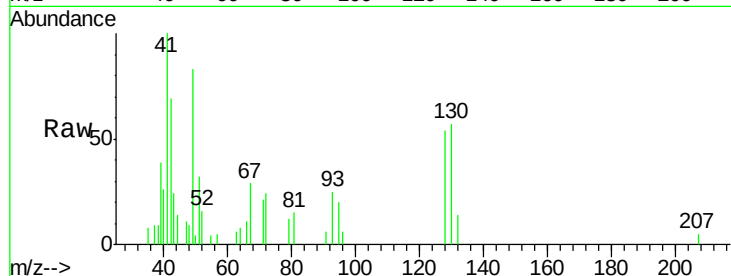




#41
Methacrylonitrile
Concen: 77.855 ug/l
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

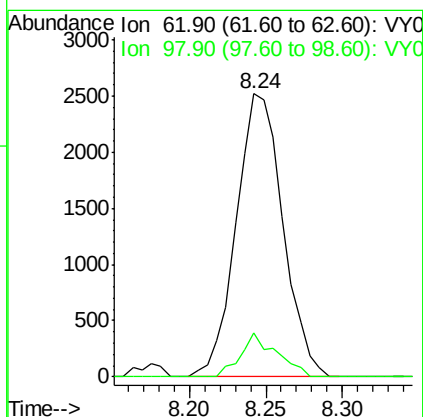
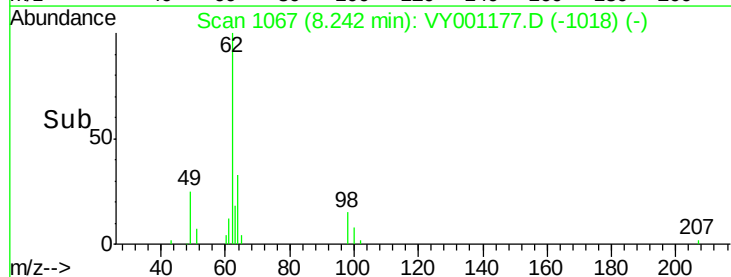
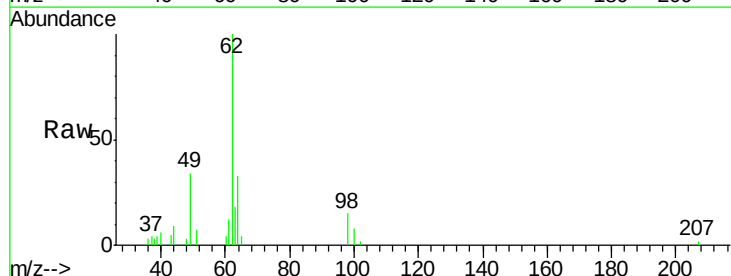
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

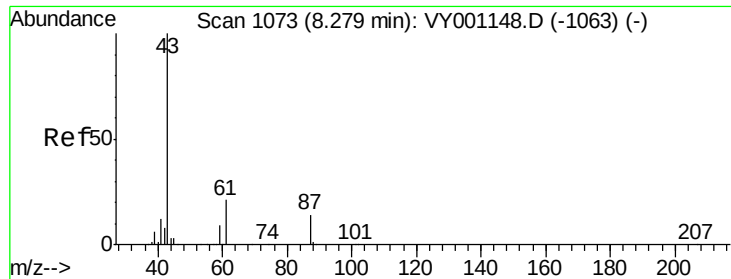
Tgt Ion: 41 Resp: 2663
Ion Ratio Lower Upper
41 100
39 67.4 103.5 155.3#
67 72.1 0.0 0.0#
52 24.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 52.685 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 62 Resp: 5343
Ion Ratio Lower Upper
62 100
98 11.9 0.0 20.4





#43

Isopropyl Acetate

Concen: 54.848 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

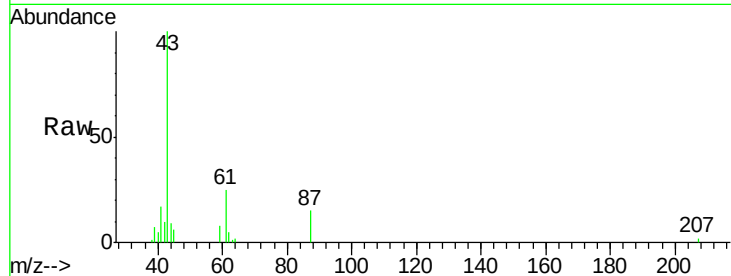
Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tgt Ion:	43	Resp:	7637
Ion	Ratio	Lower	Upper
43	100		
61	31.0	23.9	35.9
87	13.6	11.4	17.2

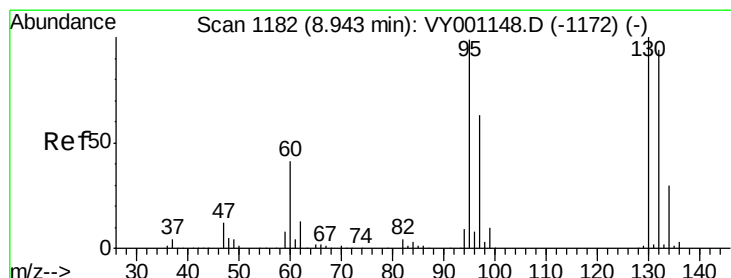
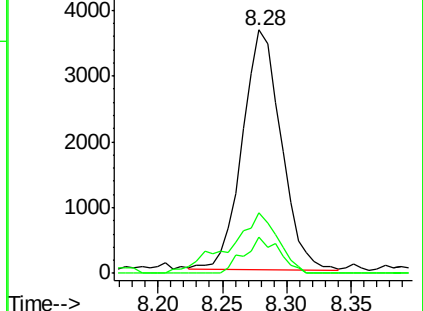
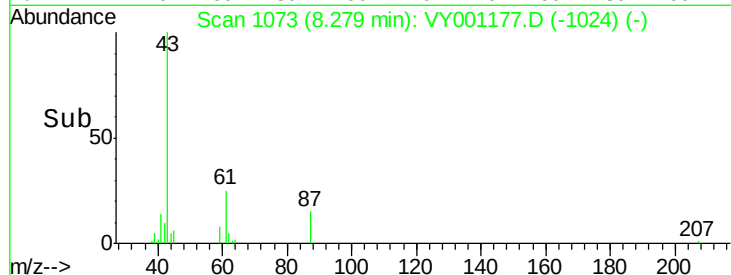


Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY001148.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY001148.D (-1063) (-)

Time-->



#44

Trichloroethene

Concen: 56.859 ug/l

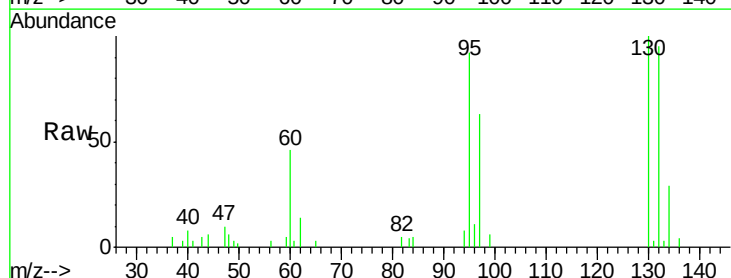
RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

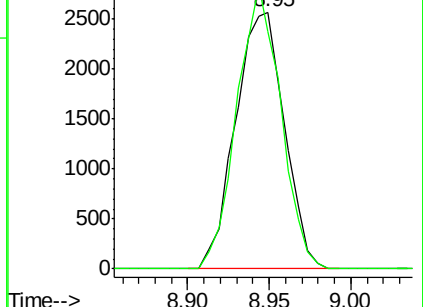
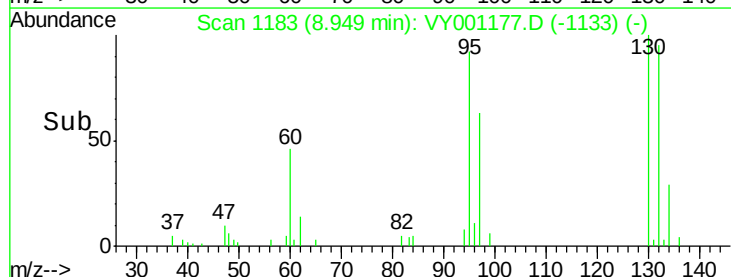
Tgt Ion:	130	Resp:	5366
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	197.6

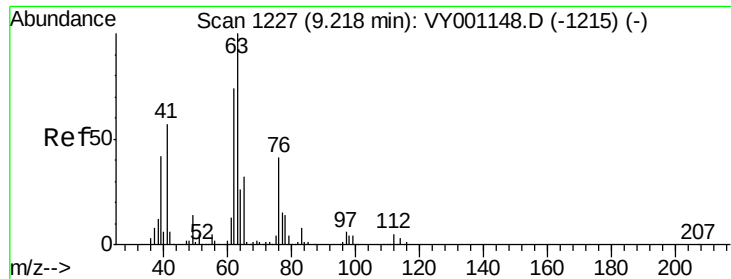


Abundance Ion 129.80 (129.50 to 130.50): VY001148.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001148.D (-1172) (-)

Time-->

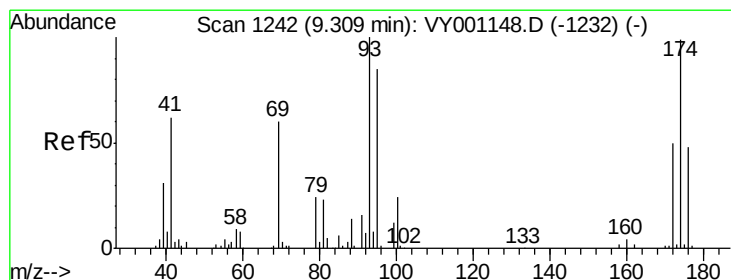
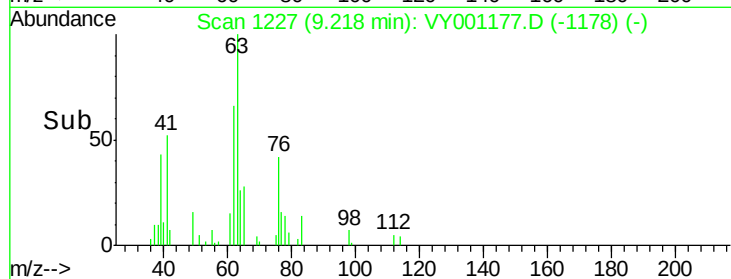
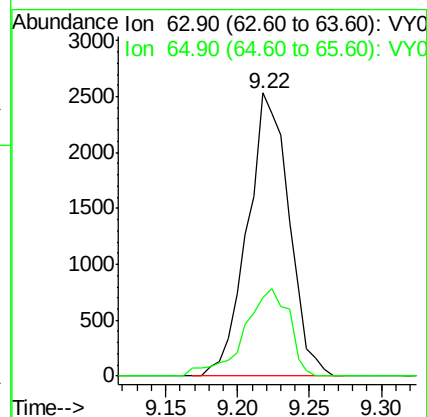
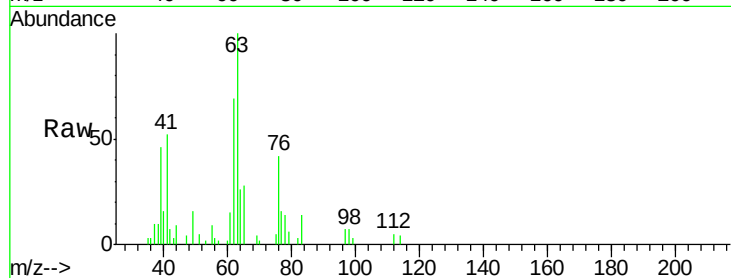




#45
 1,2-Dichloropropane
 Concen: 56.501 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

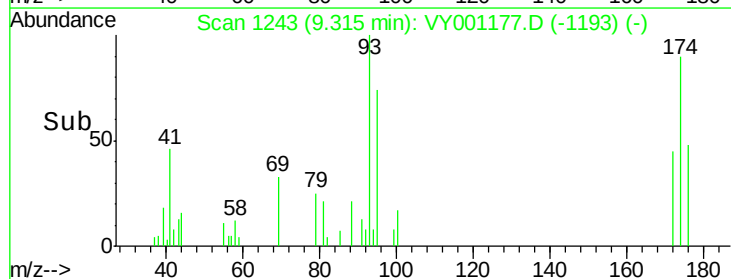
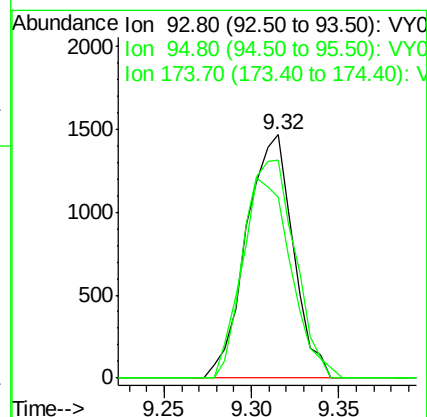
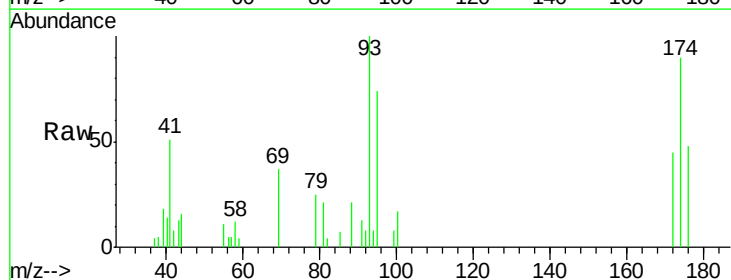
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

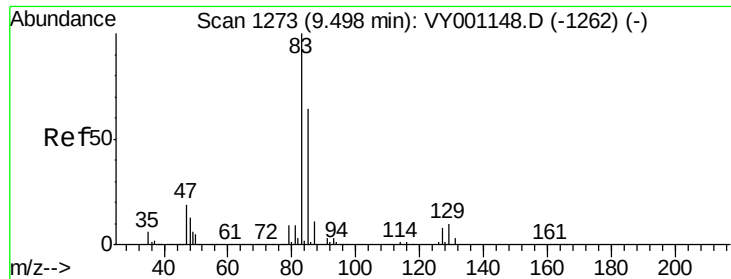
Tgt Ion: 63 Resp: 5059
 Ion Ratio Lower Upper
 63 100
 65 27.8 25.8 38.8



#46
 Dibromomethane
 Concen: 55.861 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 93 Resp: 2729
 Ion Ratio Lower Upper
 93 100
 95 86.6 66.8 100.2
 174 97.0 78.4 117.6

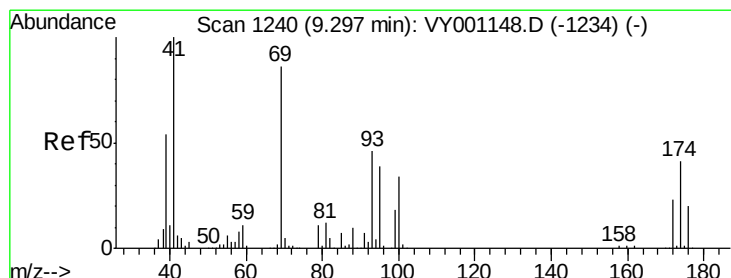
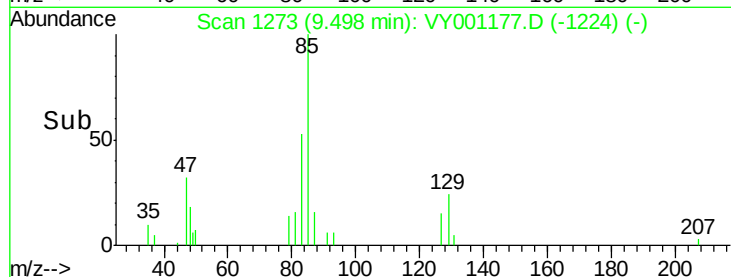
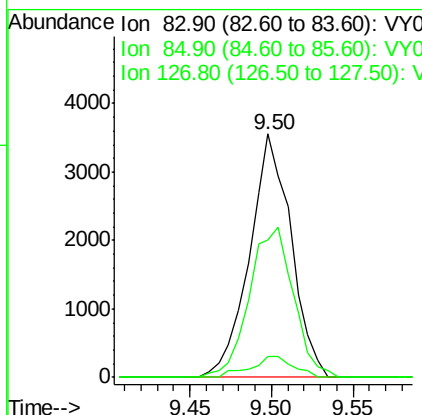
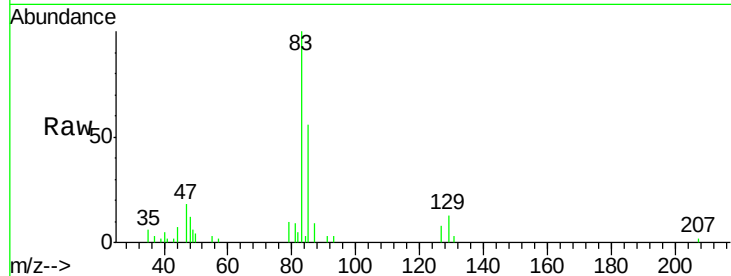




#47
 Bromodichloromethane
 Concen: 52.738 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

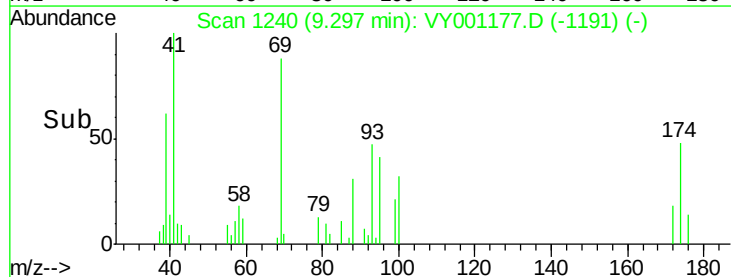
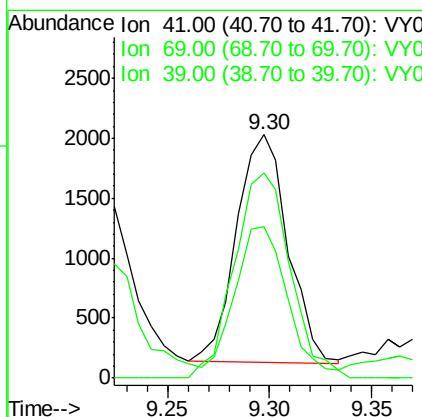
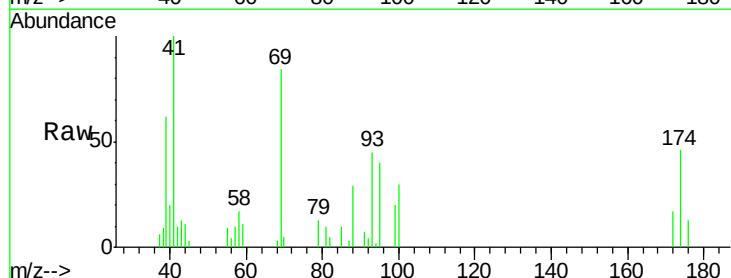
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

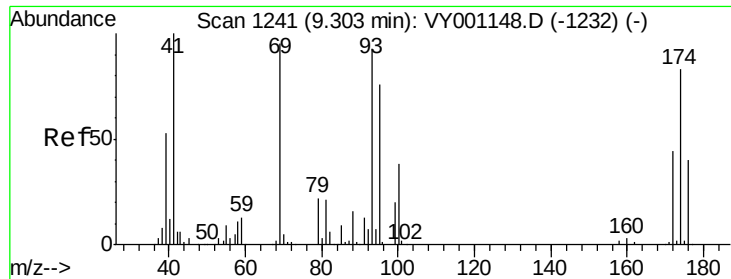
Tgt Ion: 83 Resp: 6279
 Ion Ratio Lower Upper
 83 100
 85 56.4 51.5 77.3
 127 8.3 6.3 9.5



#48
 Methyl methacrylate
 Concen: 51.402 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 41 Resp: 3312
 Ion Ratio Lower Upper
 41 100
 69 98.2 69.8 104.8
 39 60.7 45.2 67.8

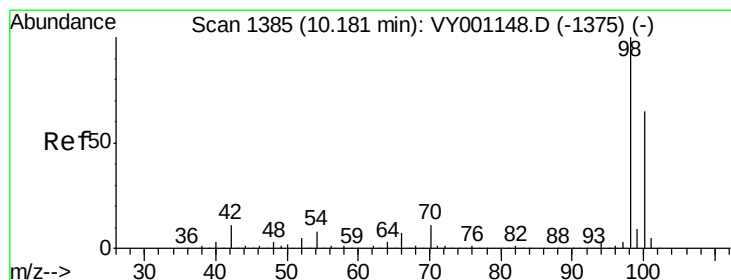
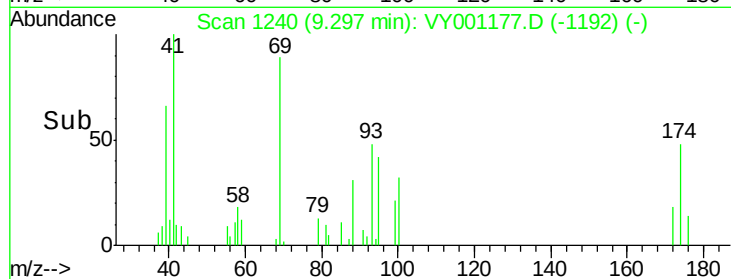
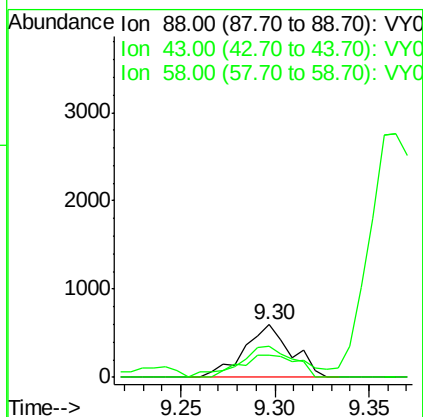
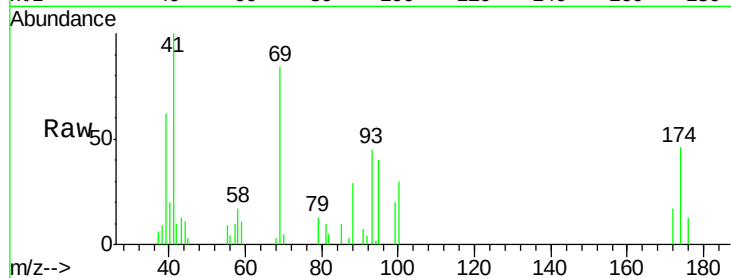




#49
 1,4-Dioxane
 Concen: 1726.195 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

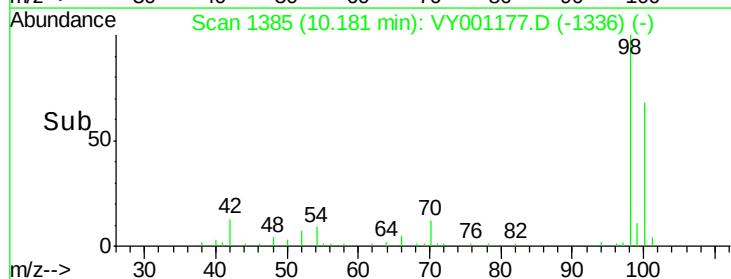
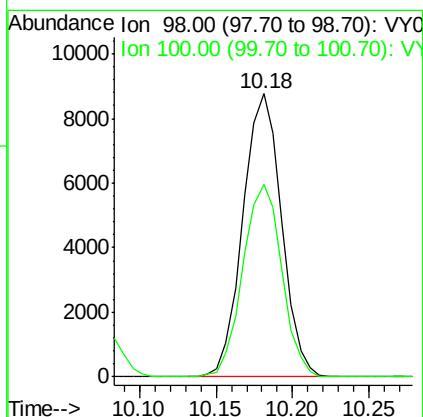
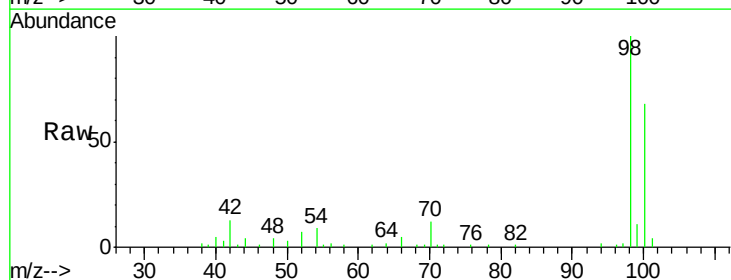
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

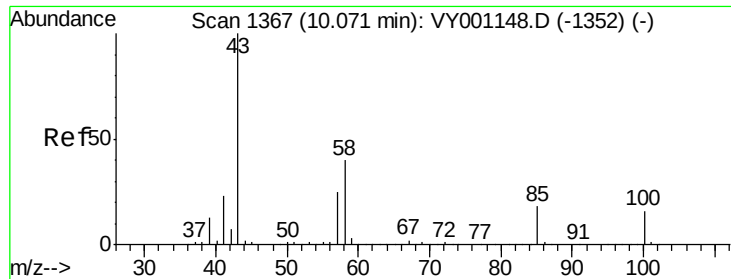
Tgt Ion: 88 Resp: 1027
 Ion Ratio Lower Upper
 88 100
 43 63.8 22.4 33.6#
 58 61.9 58.0 87.0



#50
 Toluene-d8
 Concen: 50.145 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 98 Resp: 15400
 Ion Ratio Lower Upper
 98 100
 100 68.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 285.289 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

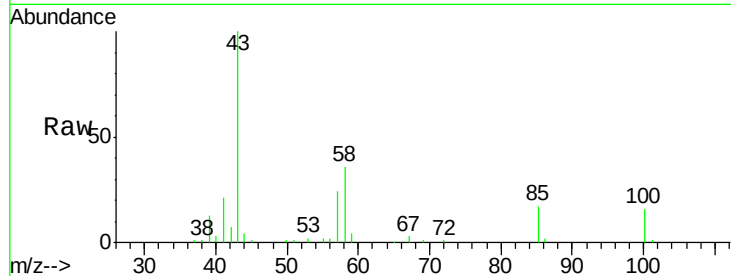
CIY1-SB-04-0-2MSD

Tgt Ion: 43 Resp: 20156

Ion Ratio Lower Upper

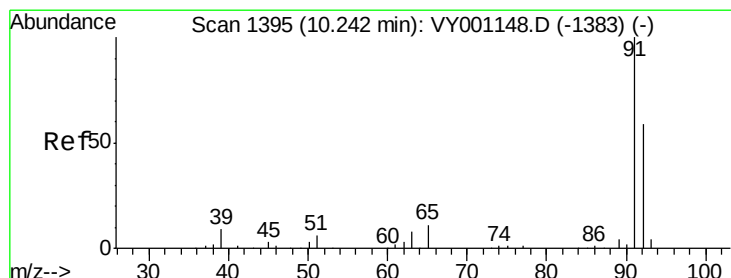
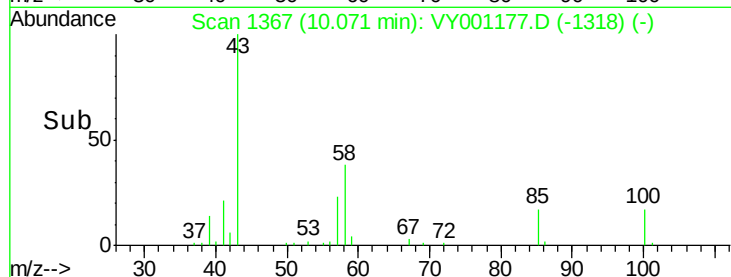
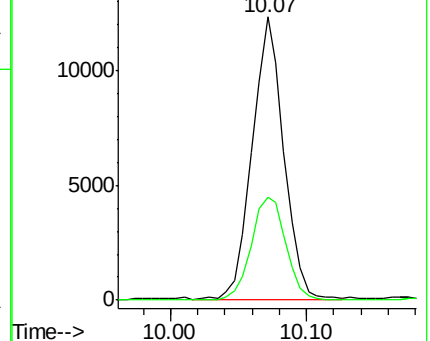
43 100

58 39.2 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 51.342 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001177.D

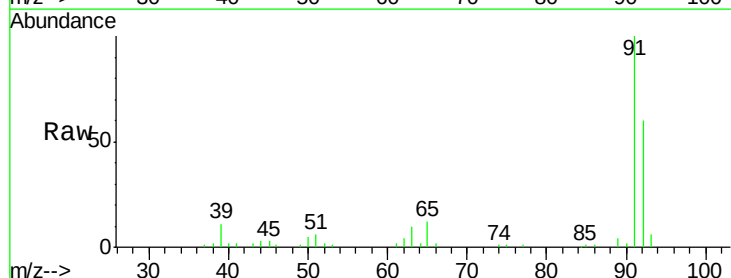
Acq: 13 Jan 2020 13:48

Tgt Ion: 92 Resp: 11860

Ion Ratio Lower Upper

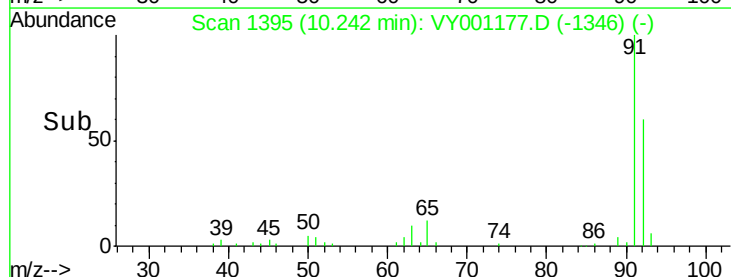
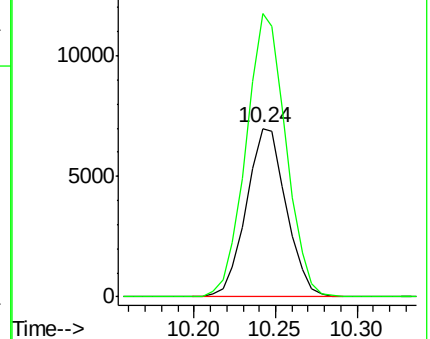
92 100

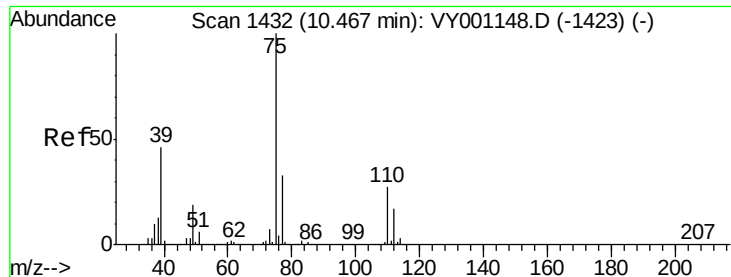
91 168.4 136.6 204.8



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: 40.509 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

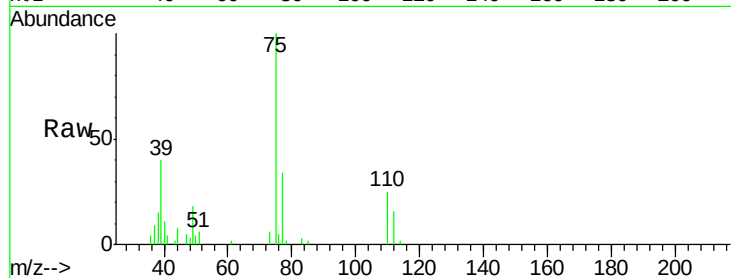
CIY1-SB-04-0-2MSD

Tgt Ion: 75 Resp: 5397

Ion Ratio Lower Upper

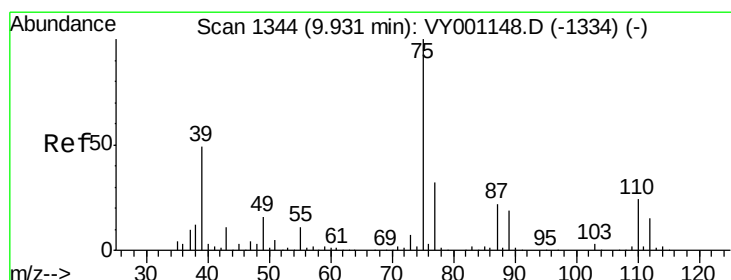
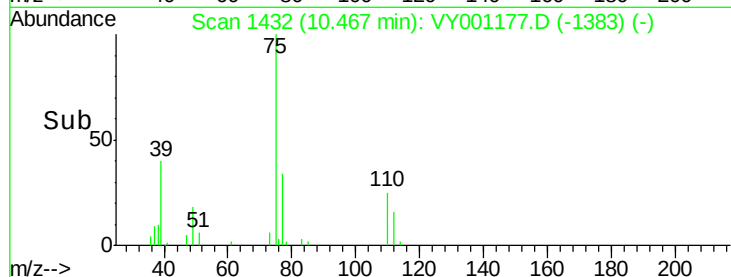
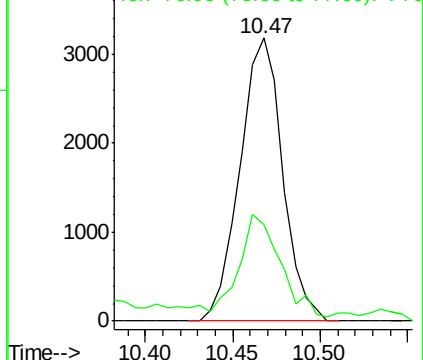
75 100

77 31.1 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 46.701 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

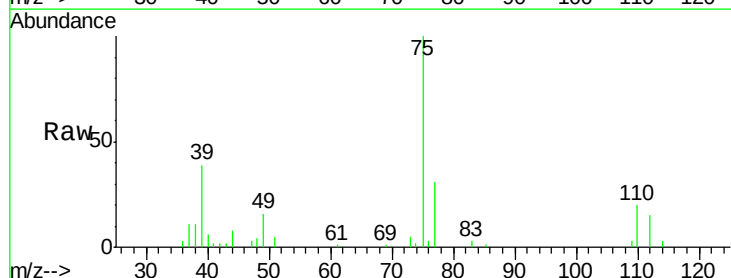
Tgt Ion: 75 Resp: 7015

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

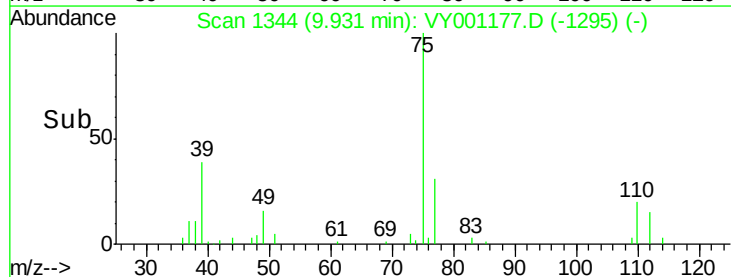
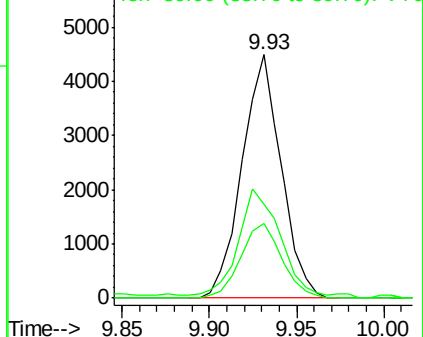
39 37.1 39.1 58.7#

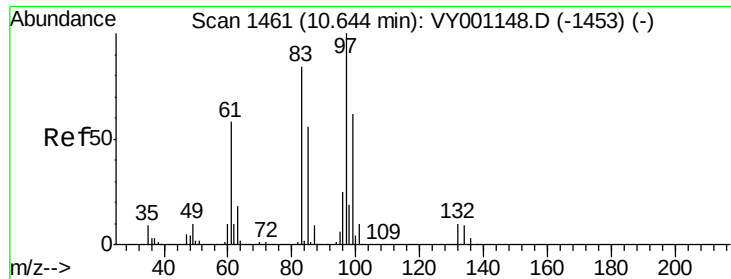


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

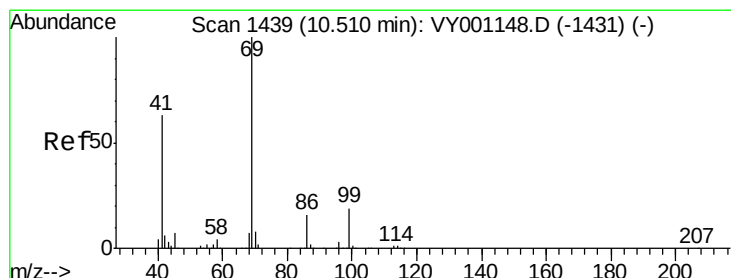
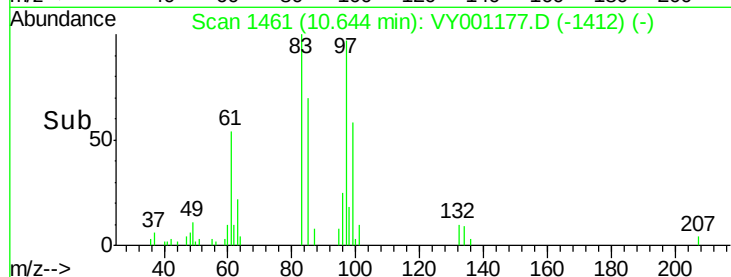
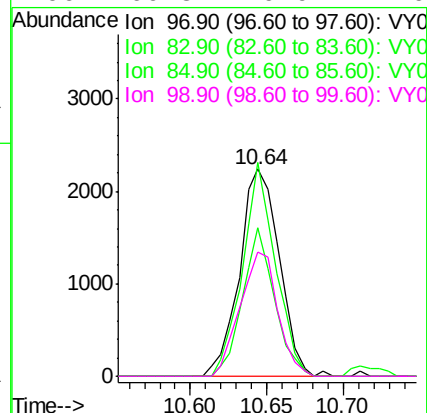
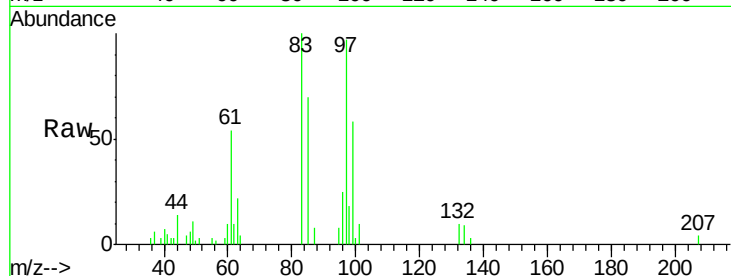




#55
 1,1,2-Trichloroethane
 Concen: 55.837 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

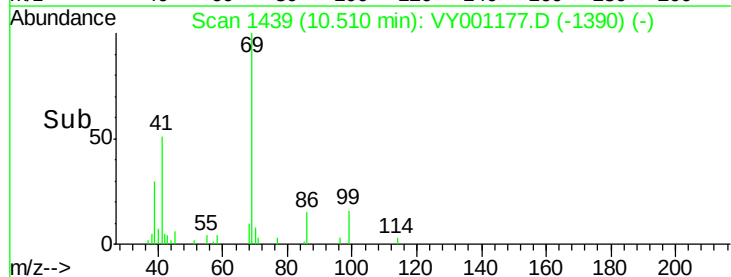
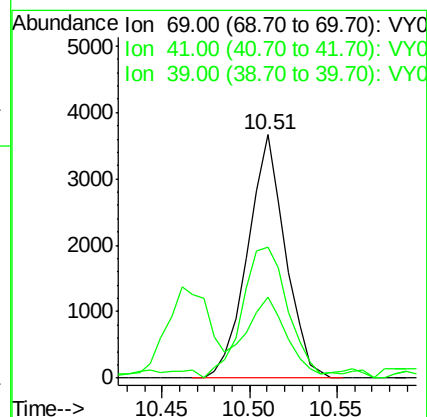
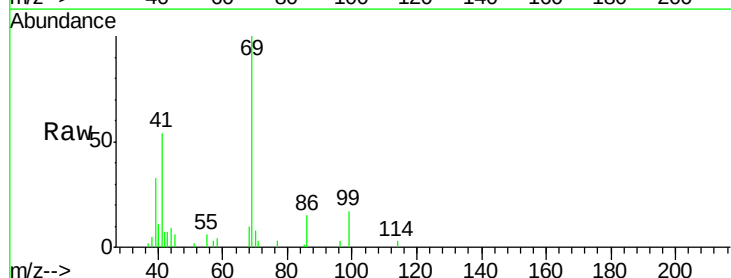
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

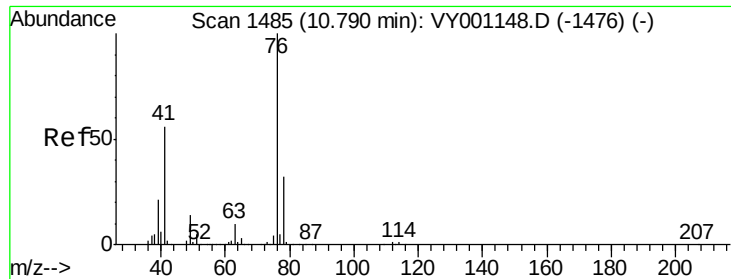
Tgt Ion: 97 Resp: 4044
 Ion Ratio Lower Upper
 97 100
 83 103.3 67.2 100.8#
 85 72.1 44.9 67.3#
 99 60.3 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 49.527 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 69 Resp: 5487
 Ion Ratio Lower Upper
 69 100
 41 65.9 51.4 77.2
 39 36.8 26.3 39.5

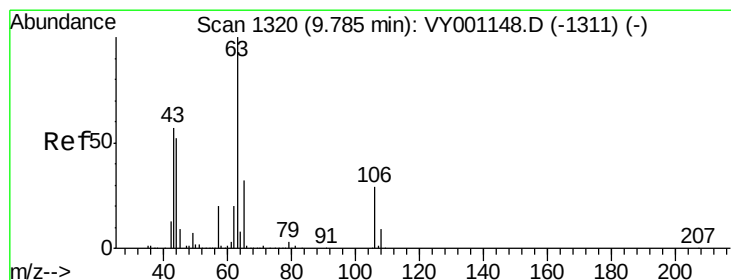
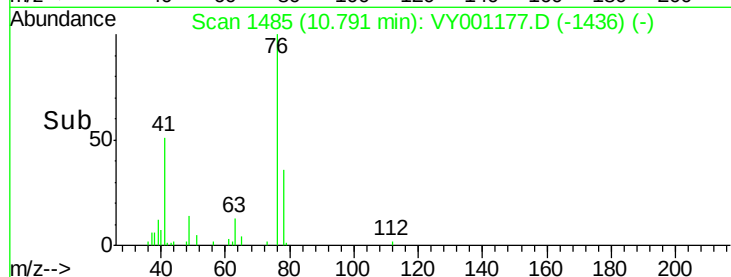
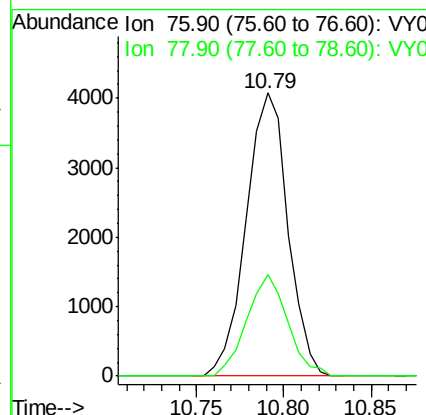
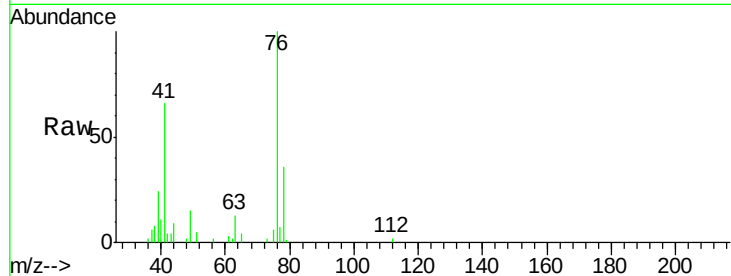




#57
 1,3-Dichloropropane
 Concen: 54.691 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

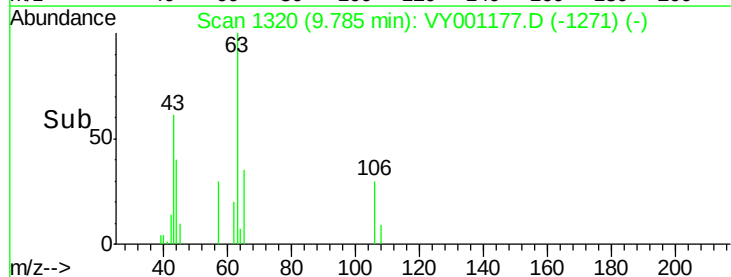
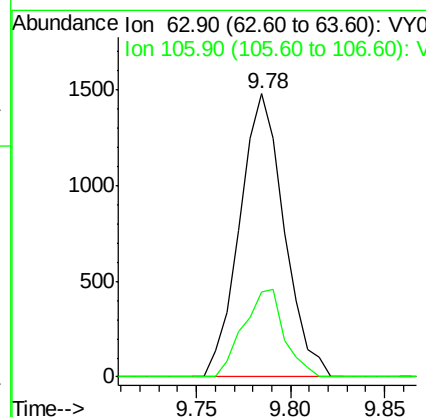
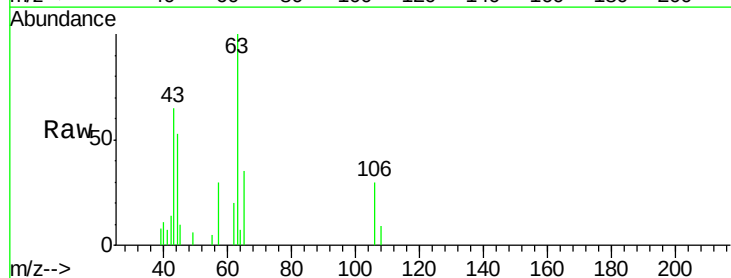
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

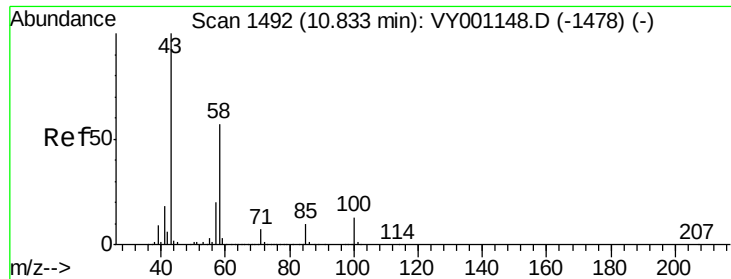
Tgt Ion: 76 Resp: 6800
 Ion Ratio Lower Upper
 76 100
 78 35.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 62.133 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 63 Resp: 2421
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.0 34.6

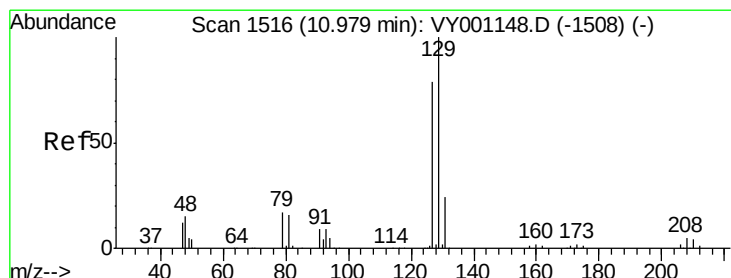
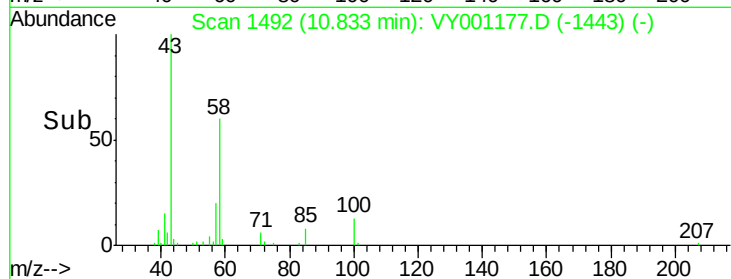
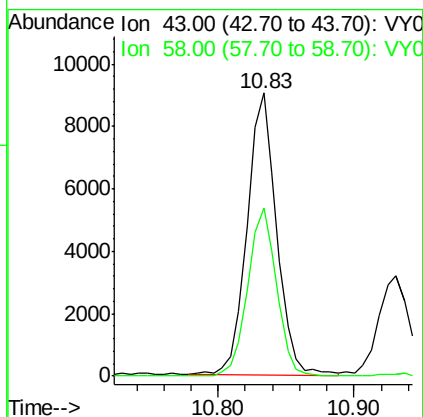
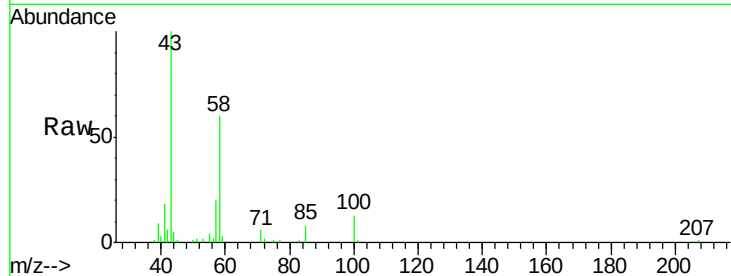




#59
2-Hexanone
Concen: 277.594 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

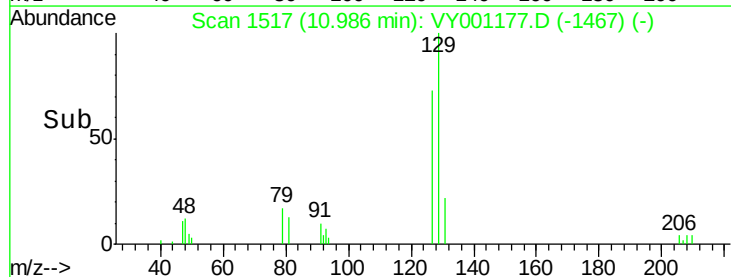
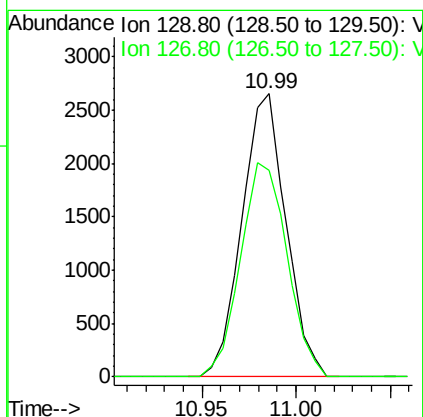
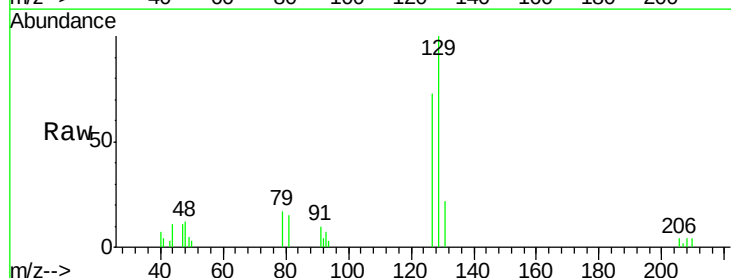
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

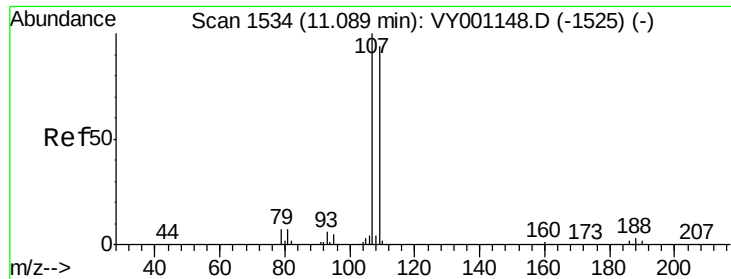
Tgt Ion: 43 Resp: 13745
Ion Ratio Lower Upper
43 100
58 58.3 28.4 85.2



#60
Dibromochloromethane
Concen: 51.578 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 129 Resp: 4301
Ion Ratio Lower Upper
129 100
127 80.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 54.257 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

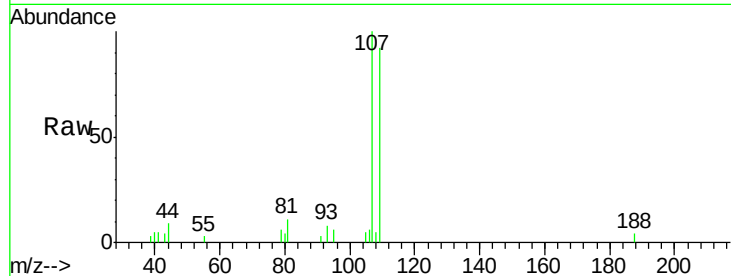
CIY1-SB-04-0-2MSD

Tgt Ion: 107 Resp: 3837

Ion Ratio Lower Upper

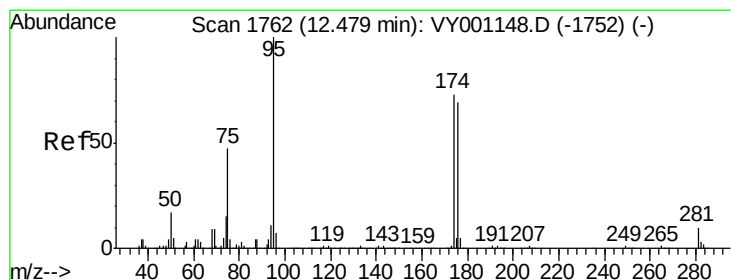
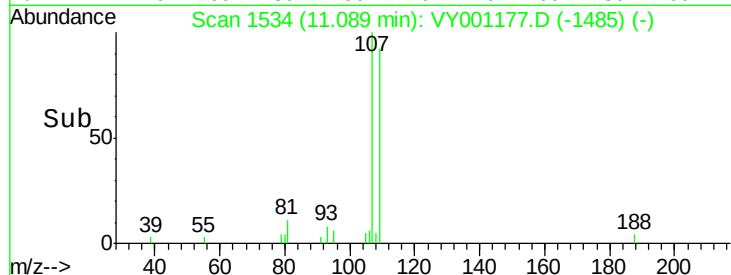
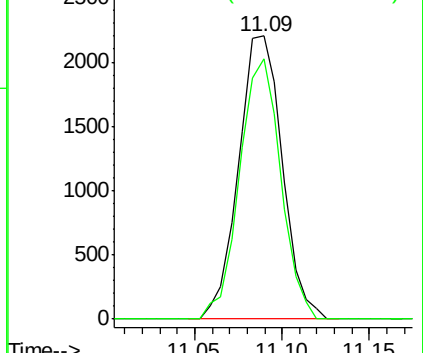
107 100

109 86.6 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.052 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

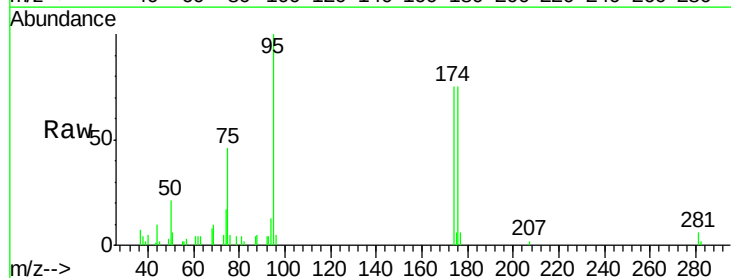
Tgt Ion: 95 Resp: 5531

Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.2

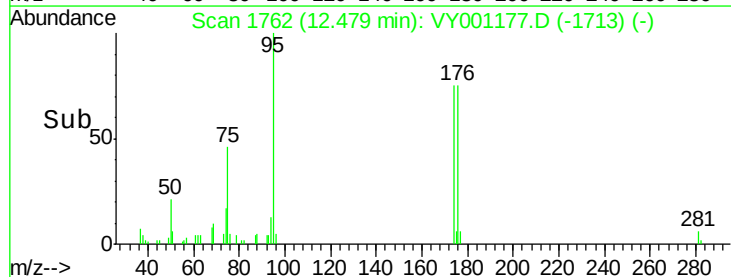
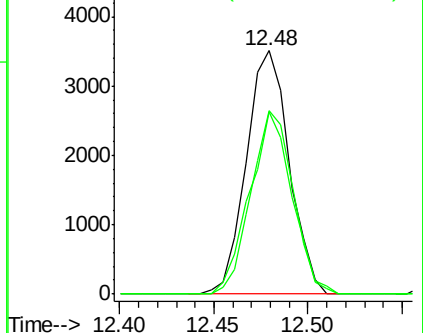
176 74.1 0.0 136.0

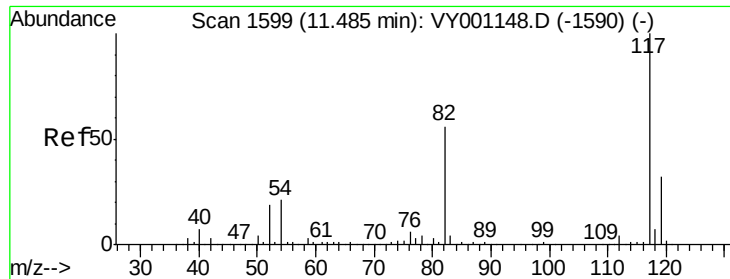


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

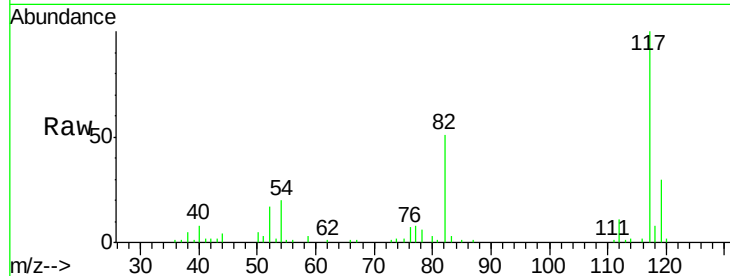




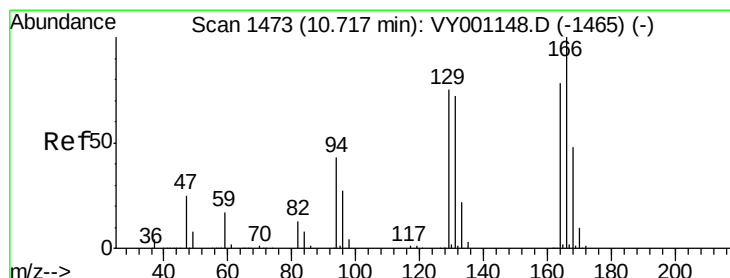
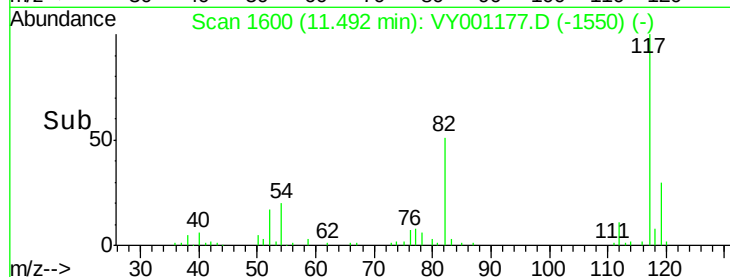
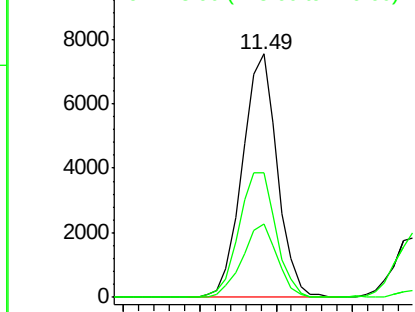
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tgt Ion:117 Resp: 11951
Ion Ratio Lower Upper
117 100
82 51.1 44.9 67.3
119 30.1 25.7 38.5

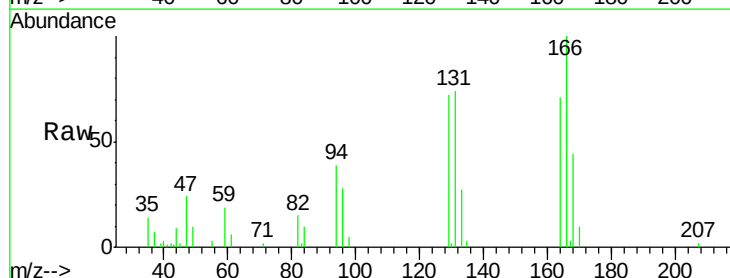


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

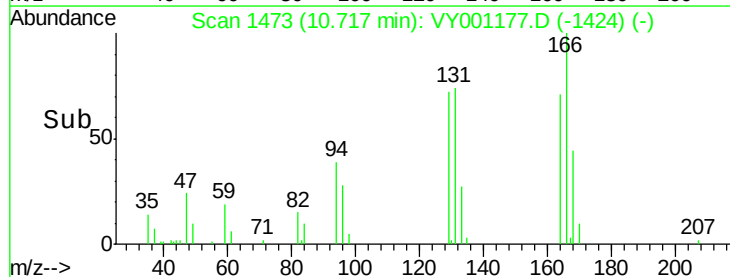
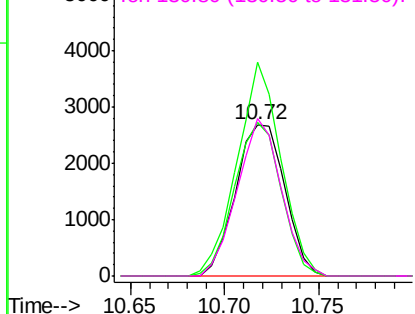


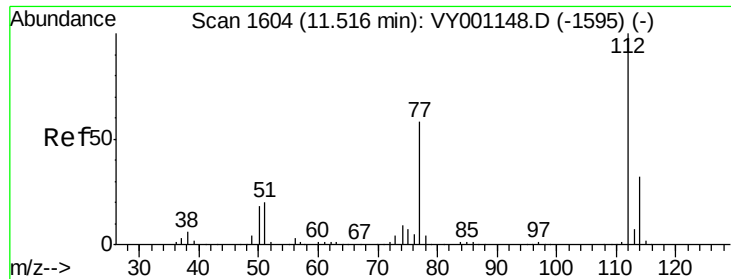
#64
Tetrachloroethene
Concen: 63.137 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion:164 Resp: 4864
Ion Ratio Lower Upper
164 100
166 140.9 102.3 153.5
129 101.1 76.2 114.4
131 104.0 73.9 110.9



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

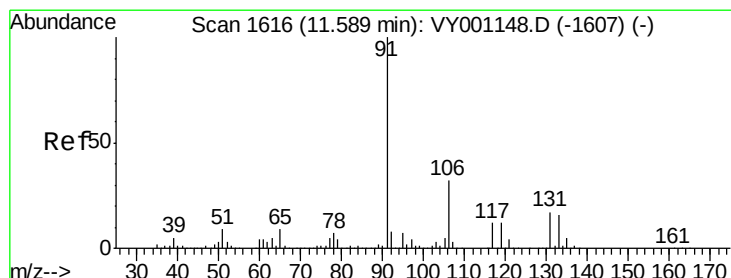
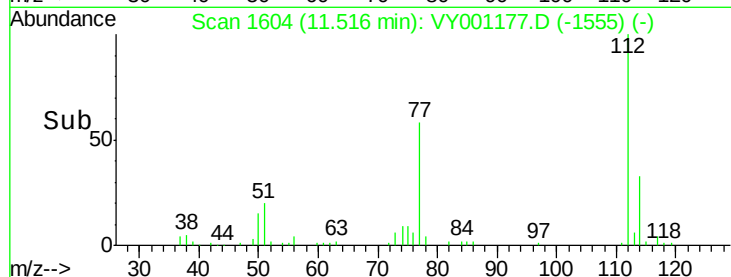
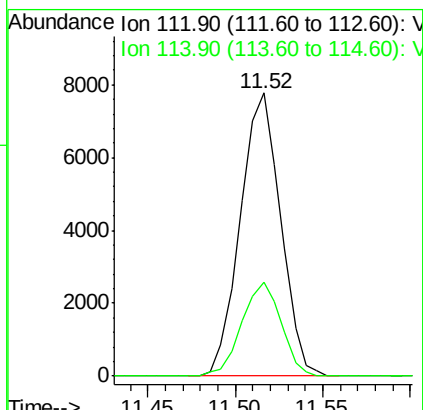
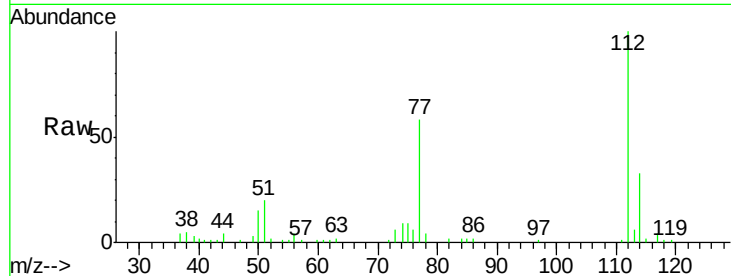




#65
Chlorobenzene
Concen: 52.295 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

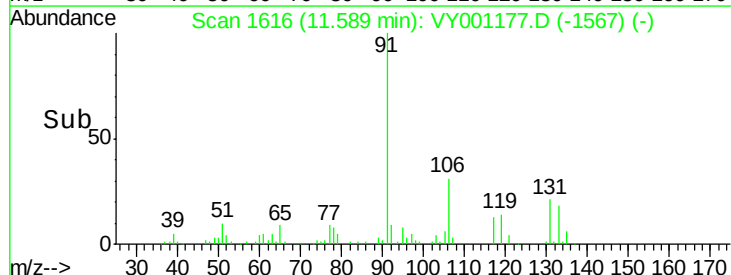
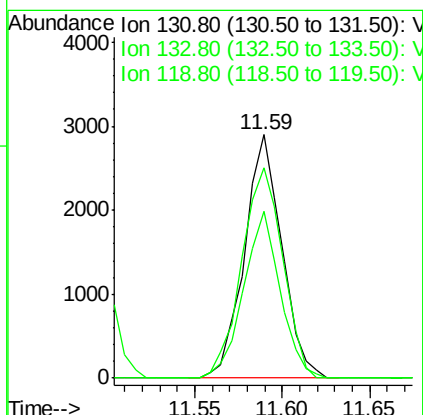
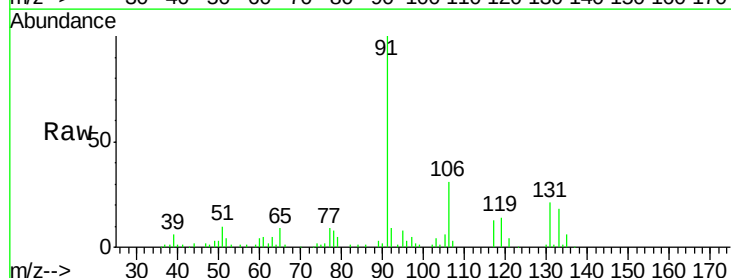
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

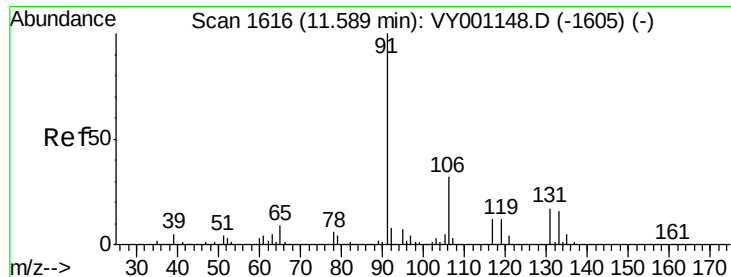
Tgt Ion:112 Resp: 12488
Ion Ratio Lower Upper
112 100
114 33.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.172 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion:131 Resp: 4294
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 67.6 33.6 100.8





#67

Ethyl Benzene

Concen: 50.851 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

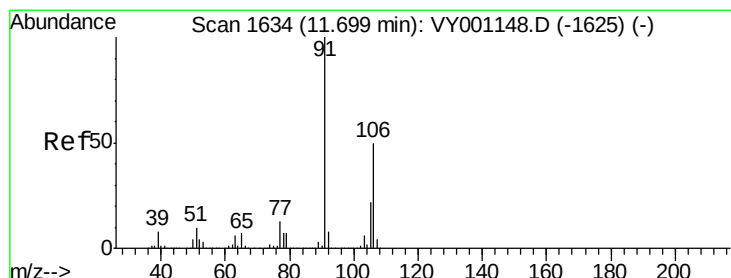
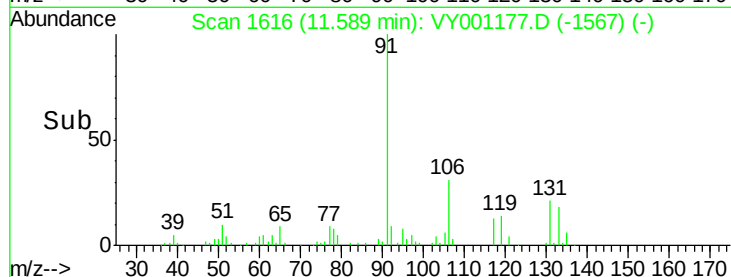
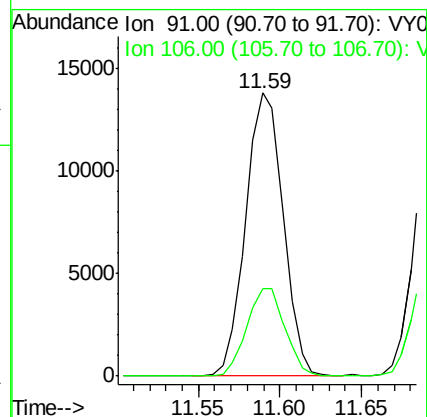
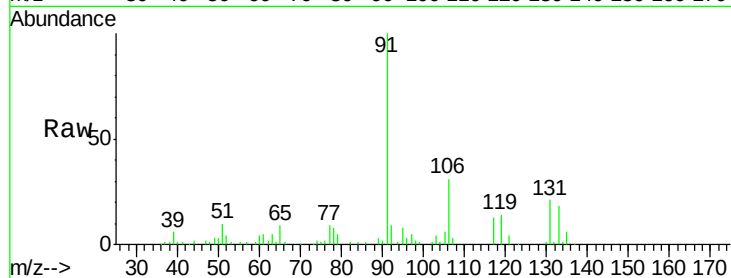
CIY1-SB-04-0-2MSD

Tgt Ion: 91 Resp: 22214

Ion Ratio Lower Upper

91 100

106 31.1 25.3 37.9



#68

m/p-Xylenes

Concen: 105.729 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001177.D

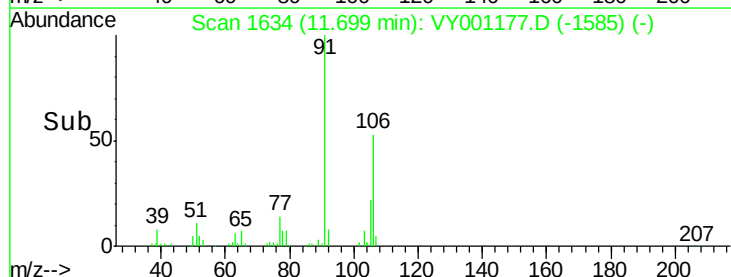
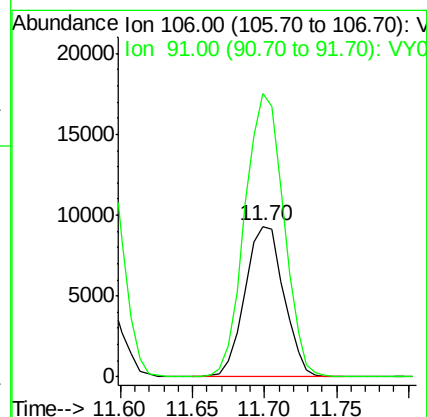
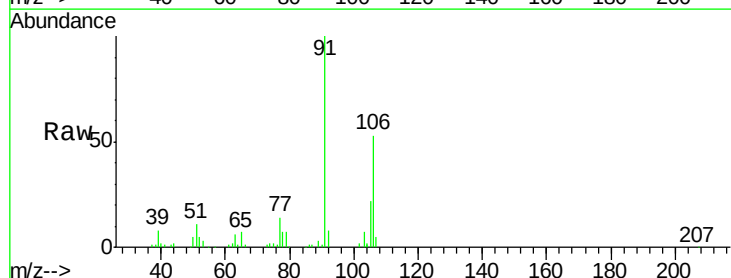
Acq: 13 Jan 2020 13:48

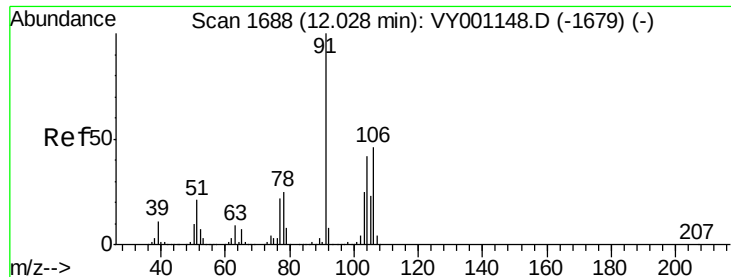
Tgt Ion: 106 Resp: 17423

Ion Ratio Lower Upper

106 100

91 187.8 161.4 242.2

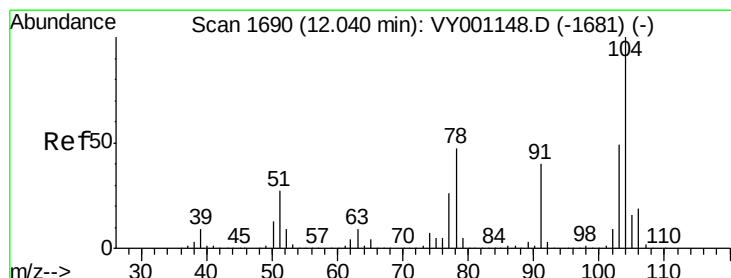
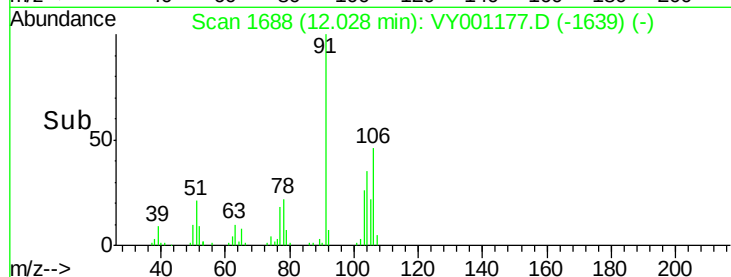
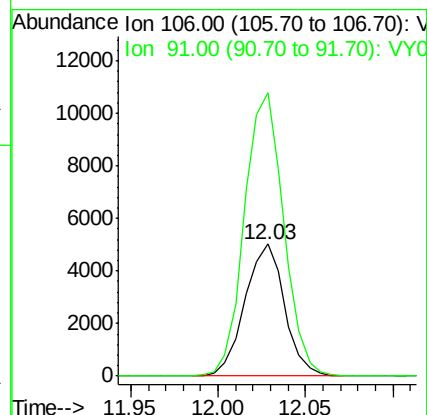
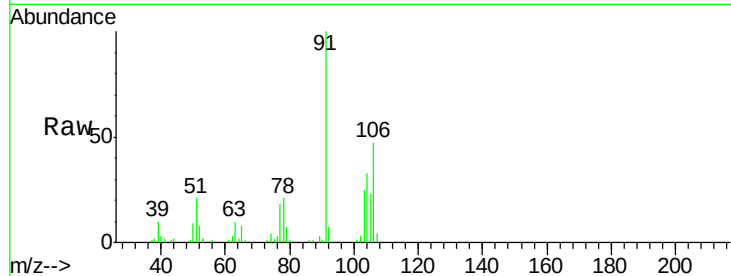




#69
o-Xylene
Concen: 50.159 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

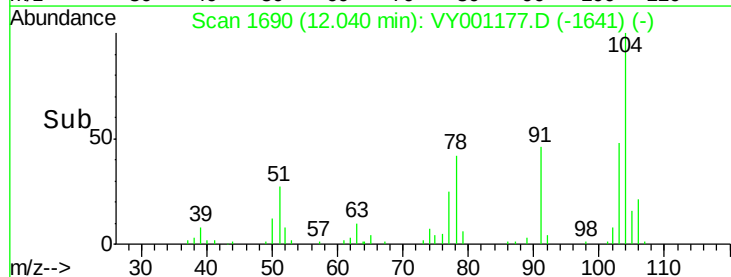
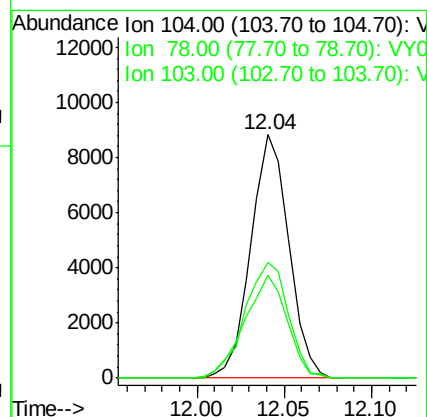
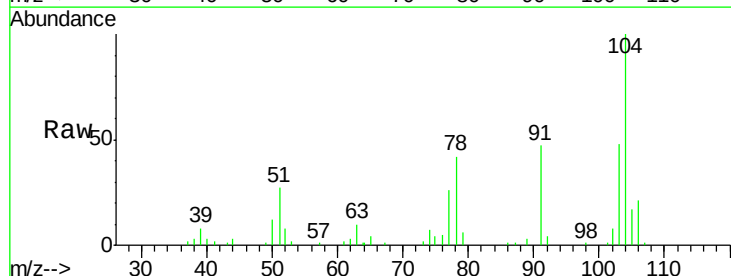
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

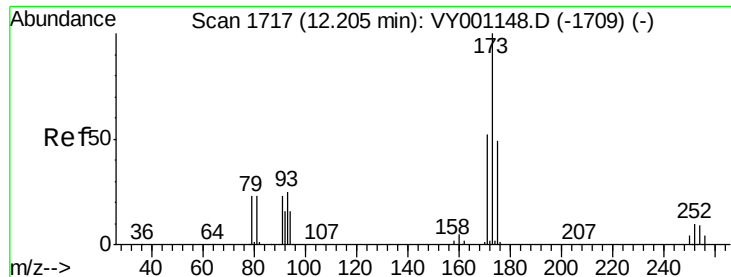
Tgt Ion:106 Resp: 7925
Ion Ratio Lower Upper
106 100
91 212.8 106.3 318.8



#70
Styrene
Concen: 48.157 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion:104 Resp: 13350
Ion Ratio Lower Upper
104 100
78 47.2 40.5 60.7
103 54.4 42.4 63.6

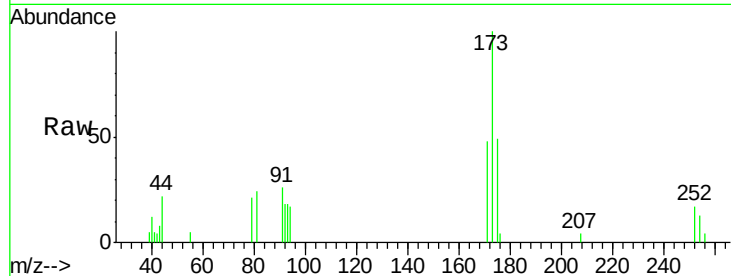




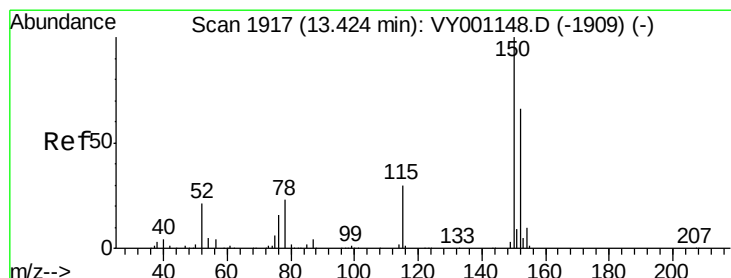
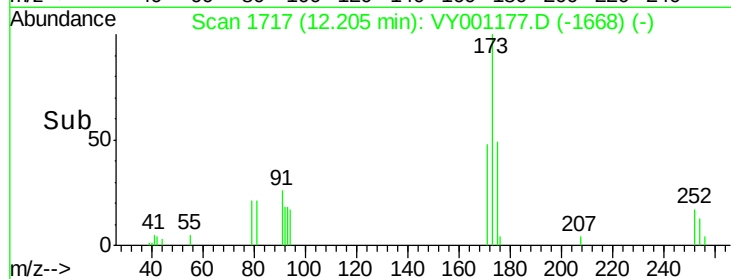
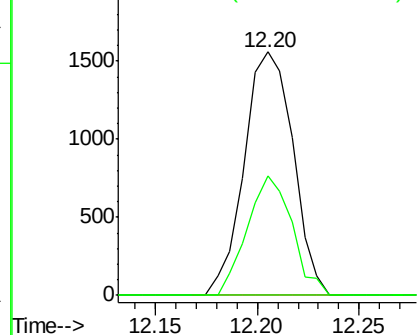
#71
Bromoform
Concen: 51.106 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tgt Ion:173 Resp: 2594
Ion Ratio Lower Upper
173 100
175 45.1 24.1 72.2
254 0.0 0.1 0.1#

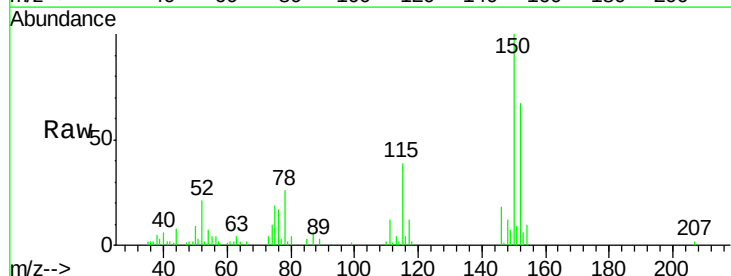


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

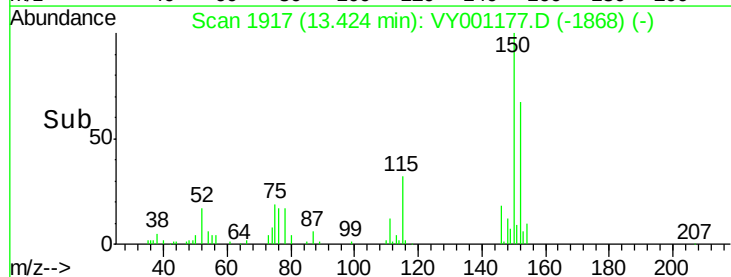
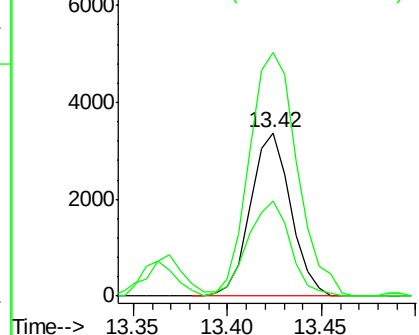


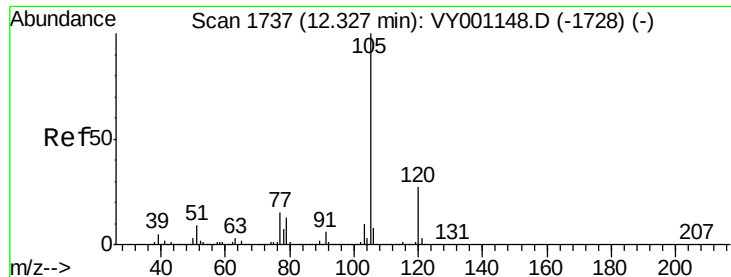
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion:152 Resp: 4973
Ion Ratio Lower Upper
152 100
115 61.9 30.9 92.5
150 178.9 0.0 346.8



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: 55.880 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

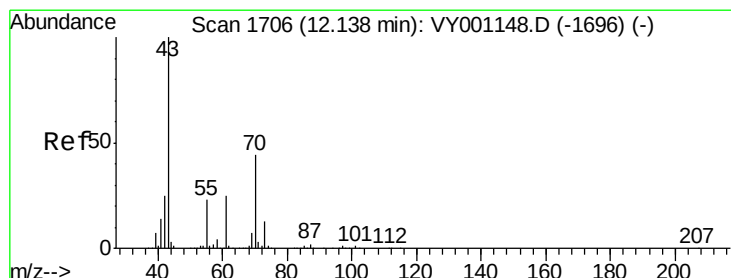
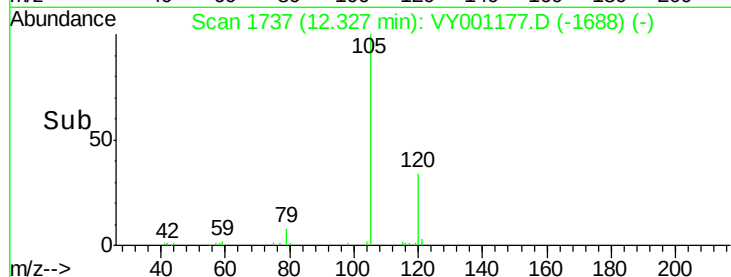
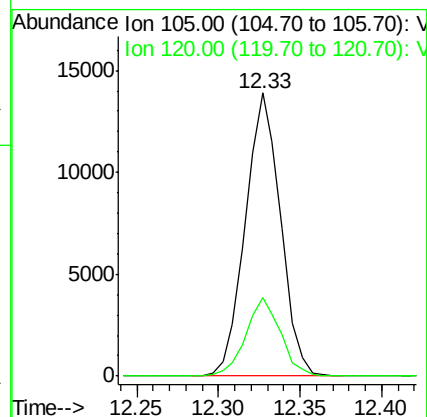
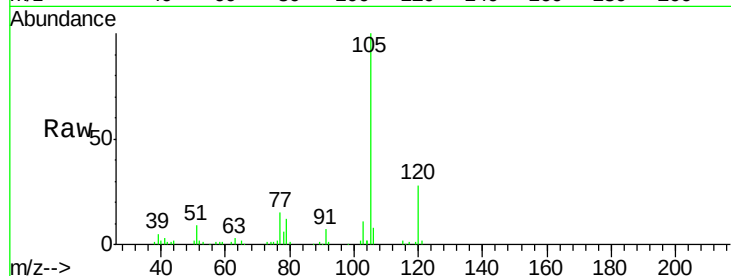
CIY1-SB-04-0-2MSD

Tgt Ion: 105 Resp: 20891

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 38.612 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Tgt Ion: 43 Resp: 4505

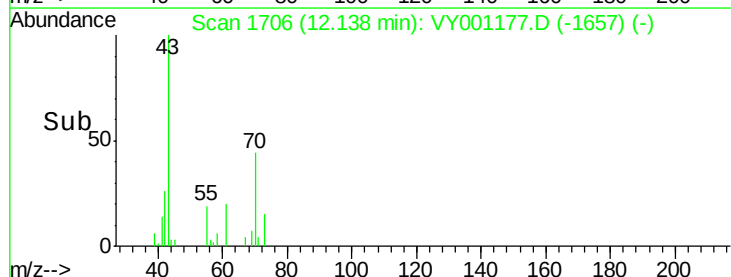
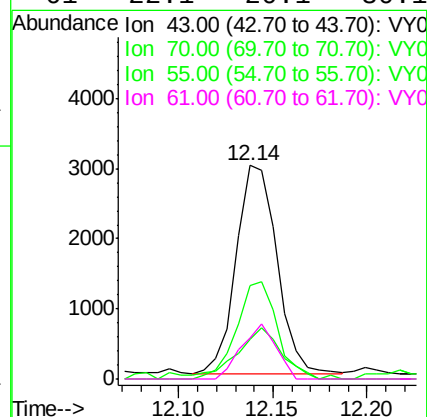
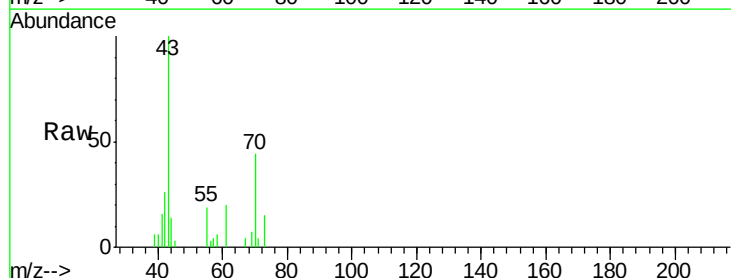
Ion Ratio Lower Upper

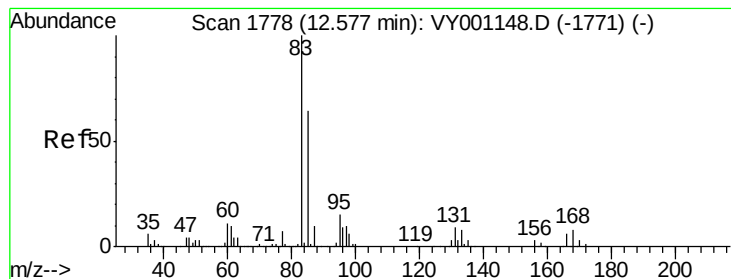
43 100

70 46.1 35.0 52.6

55 28.3 18.4 27.6#

61 22.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 60.058 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

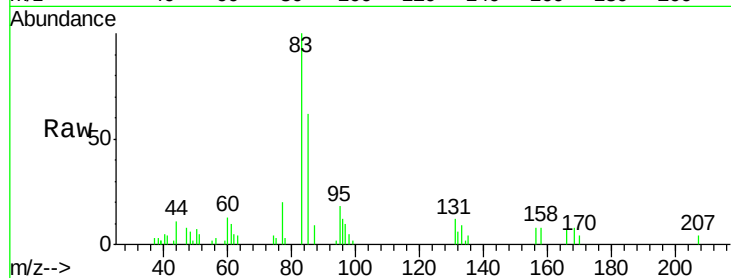
Tgt Ion: 83 Resp: 4724

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

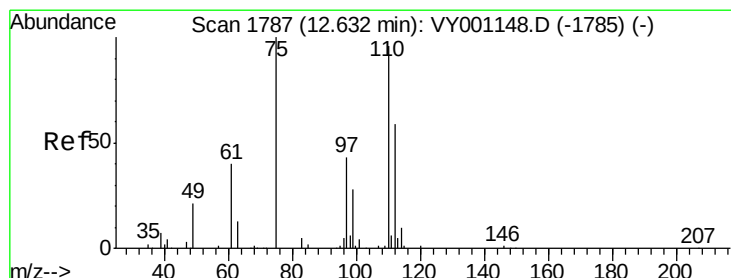
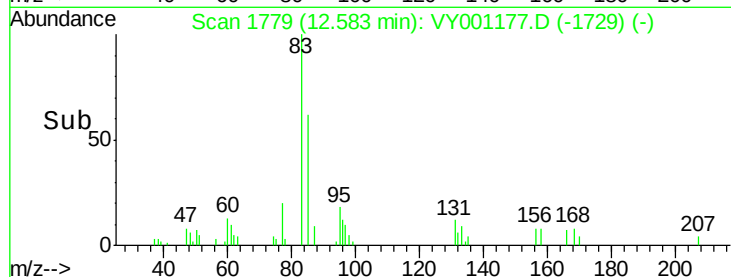
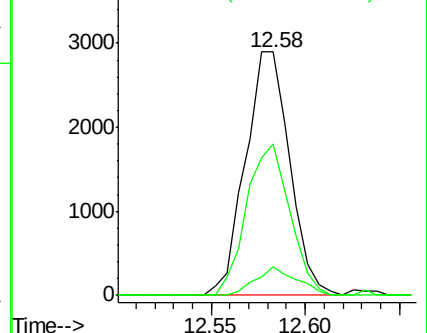
85 60.8 32.2 96.6



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: 96.851 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001177.D

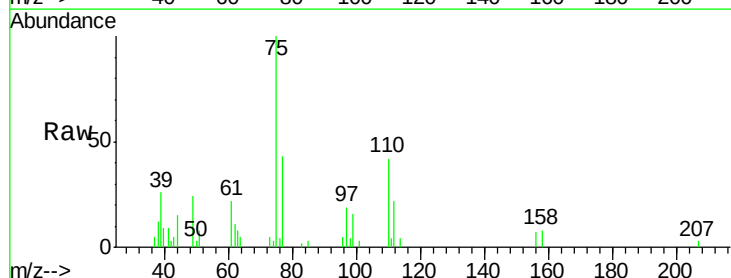
Acq: 13 Jan 2020 13:48

Tgt Ion: 75 Resp: 5156

Ion Ratio Lower Upper

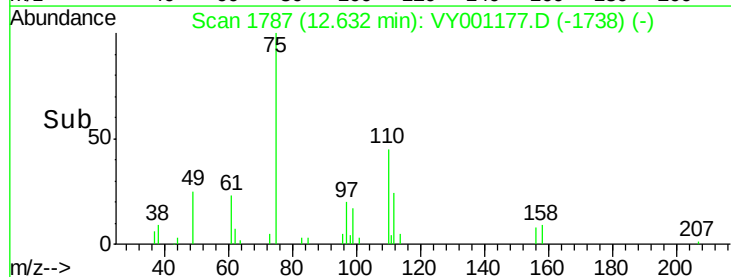
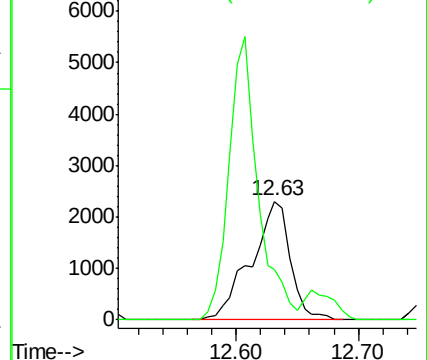
75 100

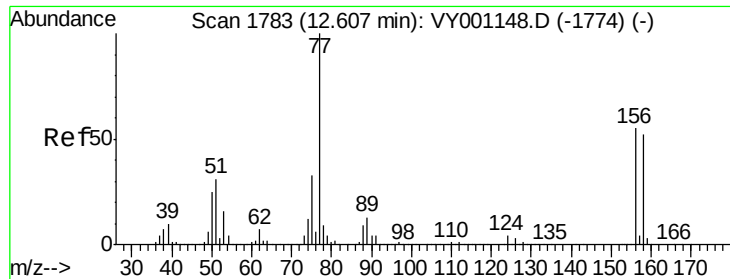
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 56.786 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

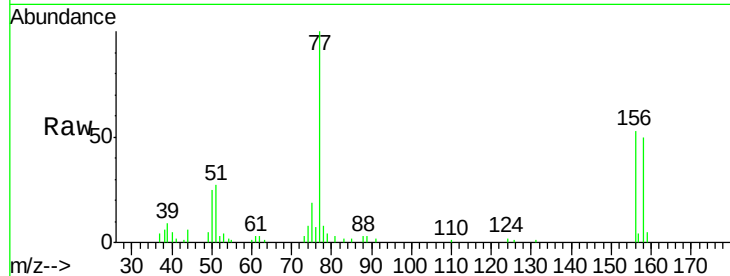
Tgt Ion:156 Resp: 4691

Ion Ratio Lower Upper

156 100

77 192.9 106.7 320.1

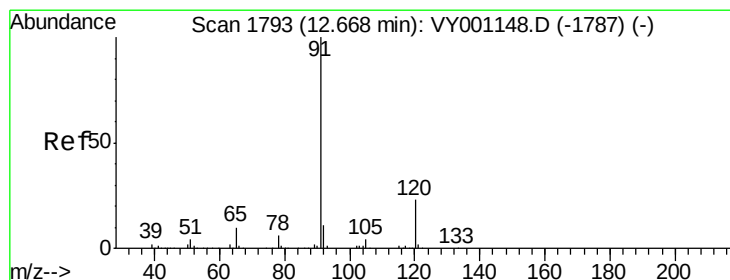
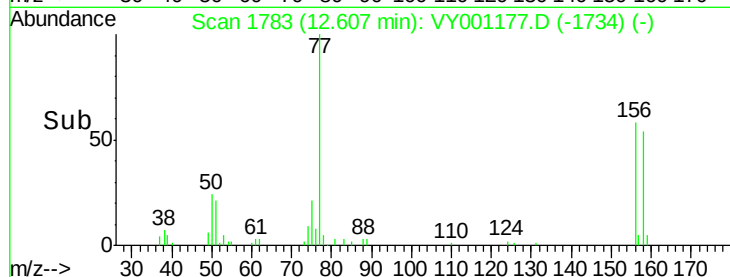
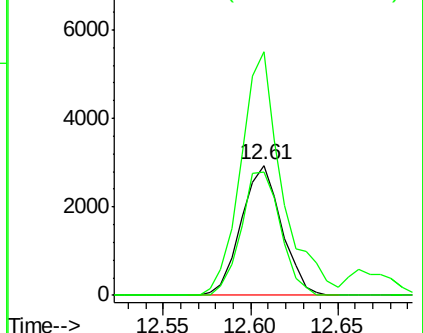
158 93.3 48.3 144.8



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: 53.888 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001177.D

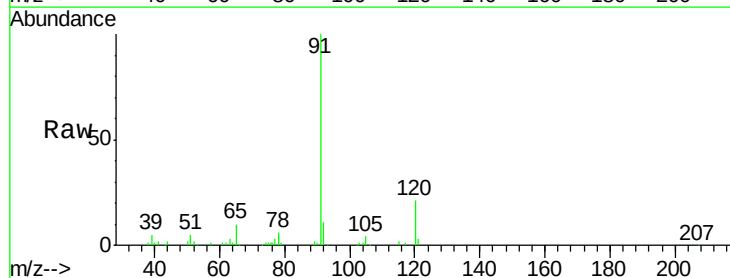
Acq: 13 Jan 2020 13:48

Tgt Ion: 91 Resp: 24233

Ion Ratio Lower Upper

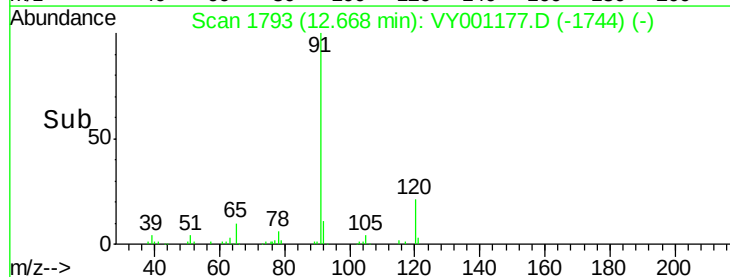
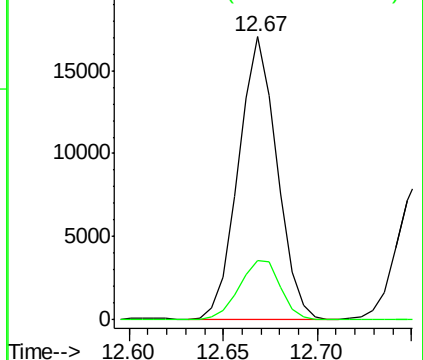
91 100

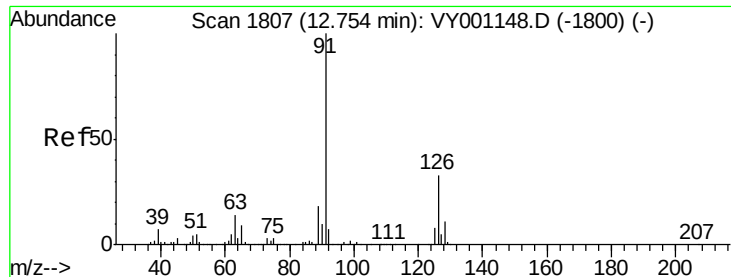
120 22.6 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.502 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

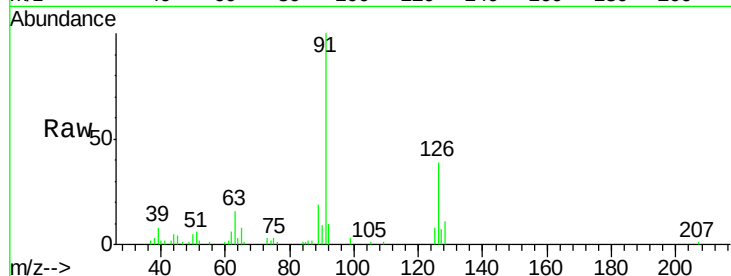
CIY1-SB-04-0-2MSD

Tgt Ion: 91 Resp: 13301

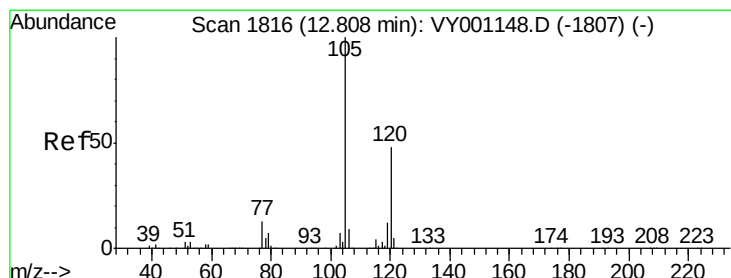
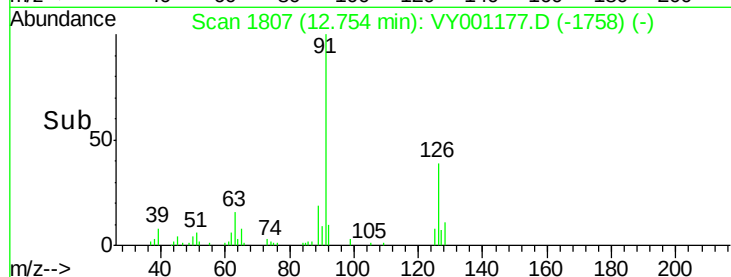
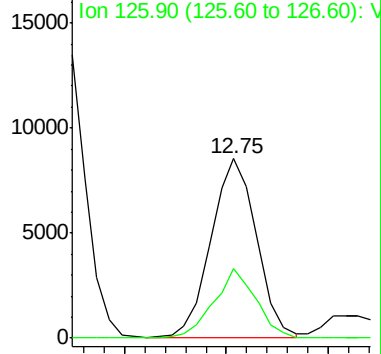
Ion Ratio Lower Upper

91 100

126 35.6 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.700 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001177.D

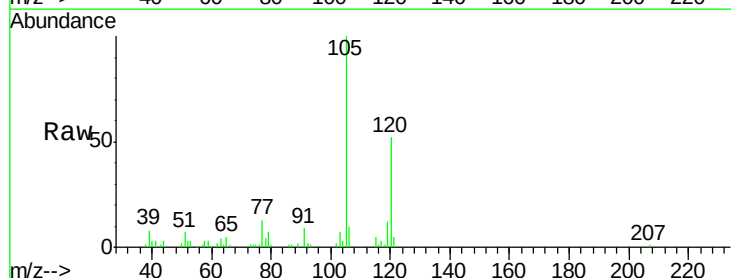
Acq: 13 Jan 2020 13:48

Tgt Ion: 105 Resp: 16439

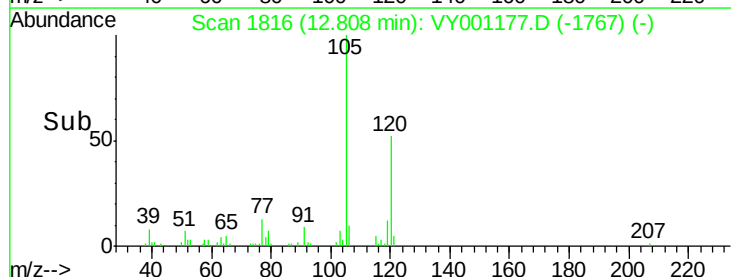
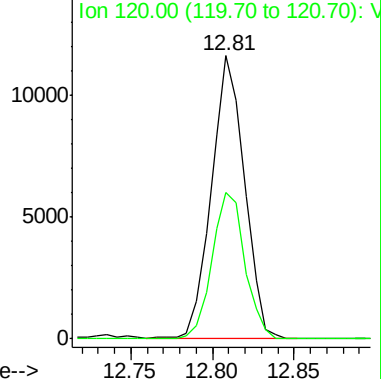
Ion Ratio Lower Upper

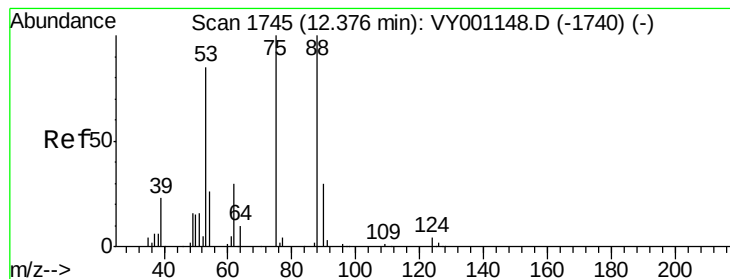
105 100

120 51.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.374 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

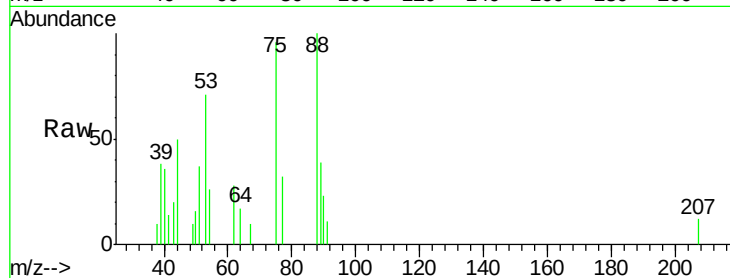
Tgt Ion: 75 Resp: 671

Ion Ratio Lower Upper

75 100

53 88.8 69.4 104.2

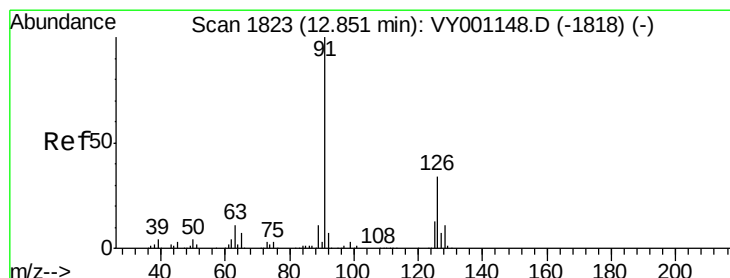
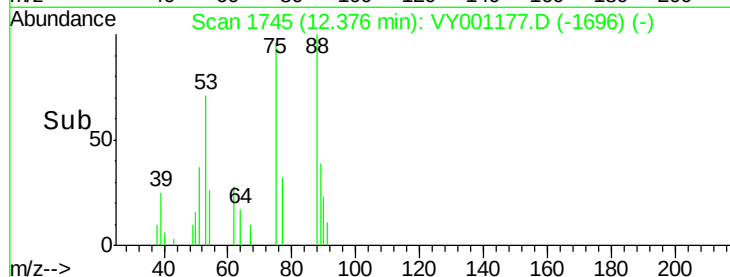
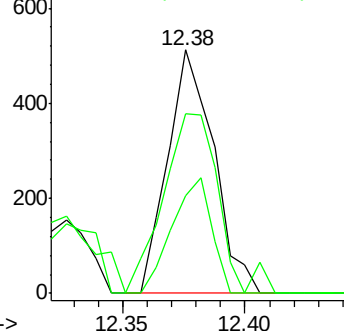
89 40.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 49.131 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001177.D

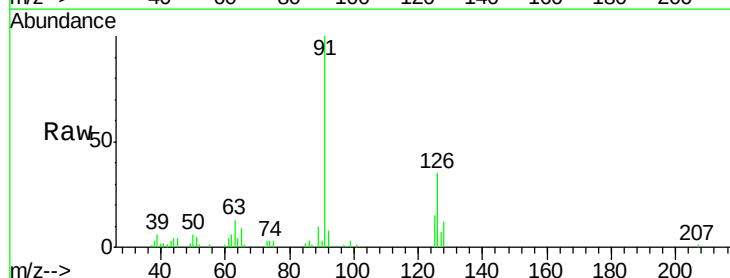
Acq: 13 Jan 2020 13:48

Tgt Ion: 91 Resp: 13546

Ion Ratio Lower Upper

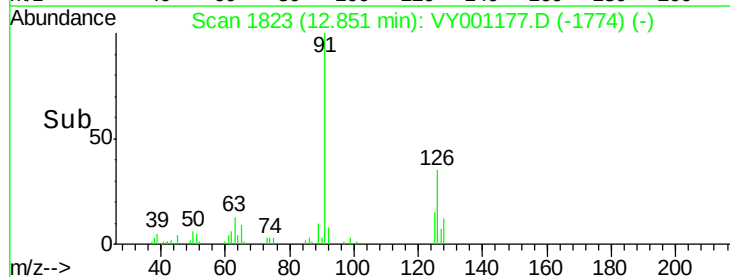
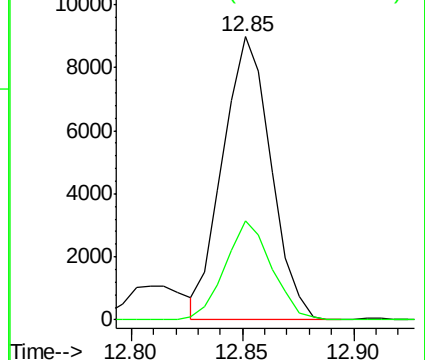
91 100

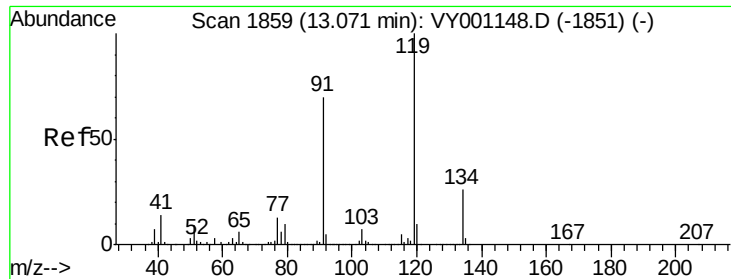
126 33.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

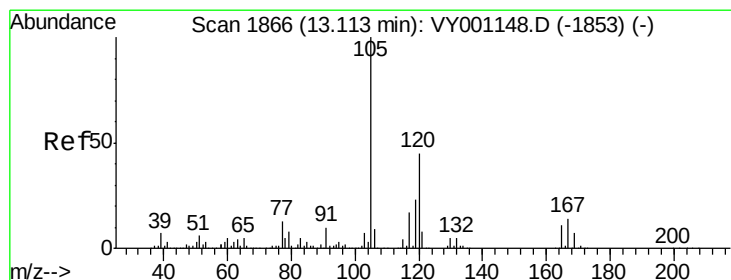
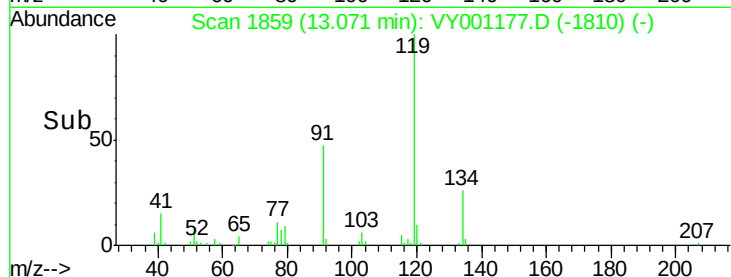
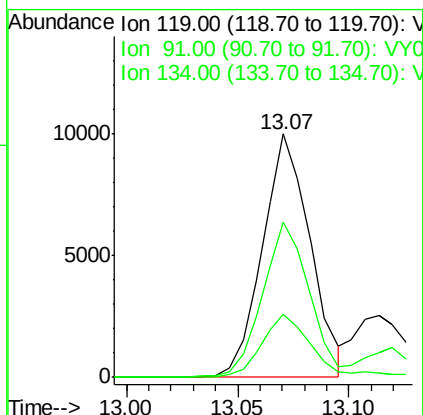
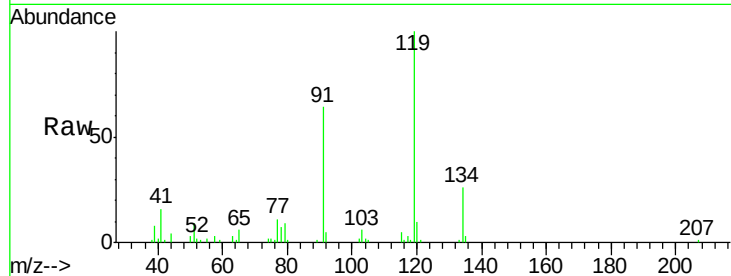




#83
 tert-Butylbenzene
 Concen: 56.594 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

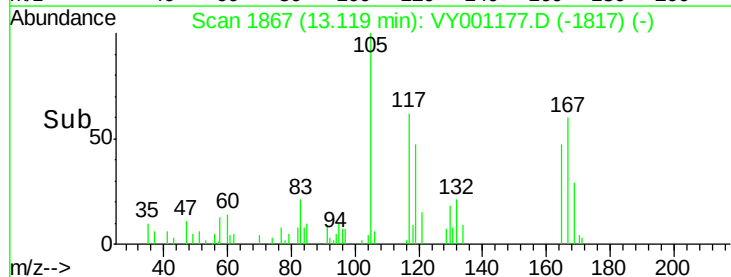
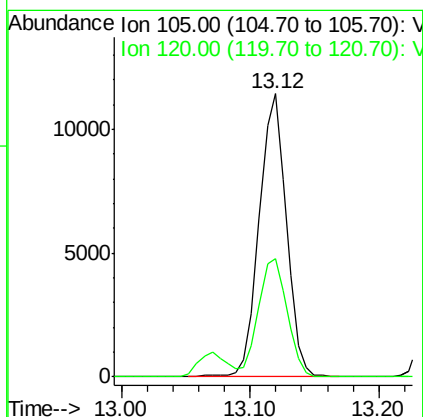
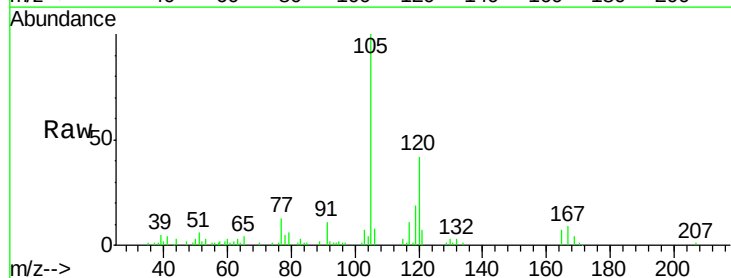
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

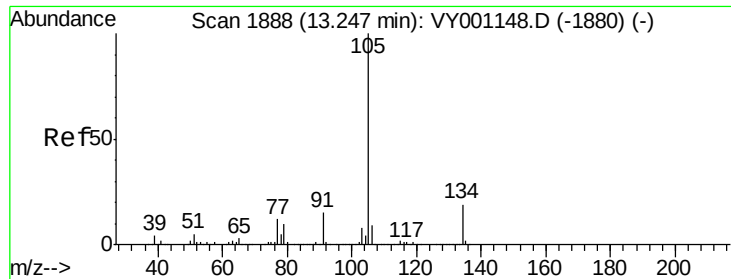
Tgt Ion:119 Resp: 14834
 Ion Ratio Lower Upper
 119 100
 91 63.4 33.9 101.7
 134 25.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.842 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion:105 Resp: 16679
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 52.043 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

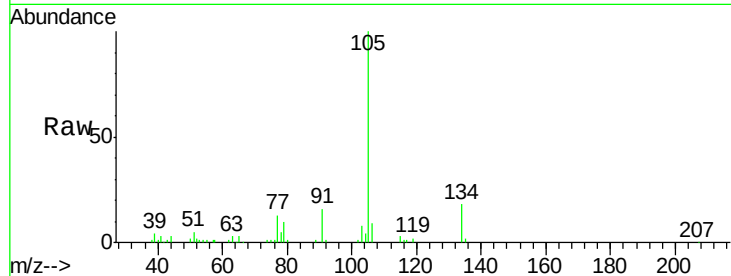
CIY1-SB-04-0-2MSD

Tgt Ion:105 Resp: 19624

Ion Ratio Lower Upper

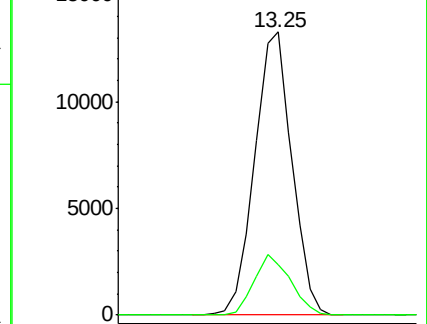
105 100

134 21.0 9.8 29.5

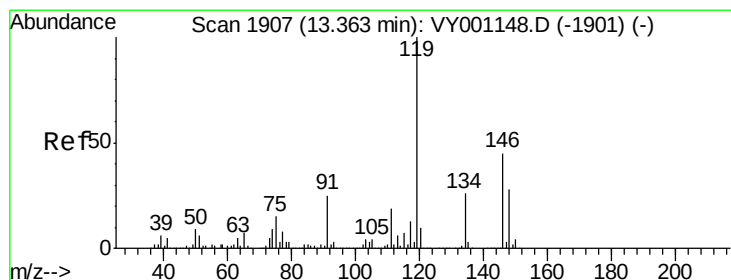
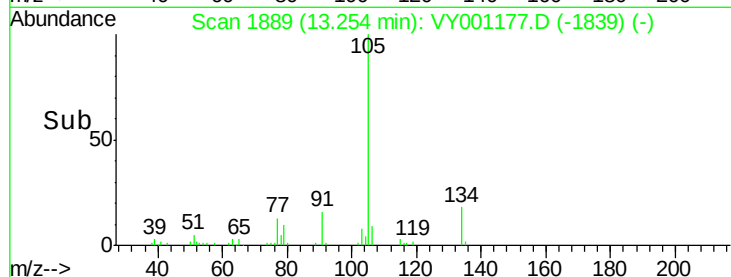


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 53.410 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

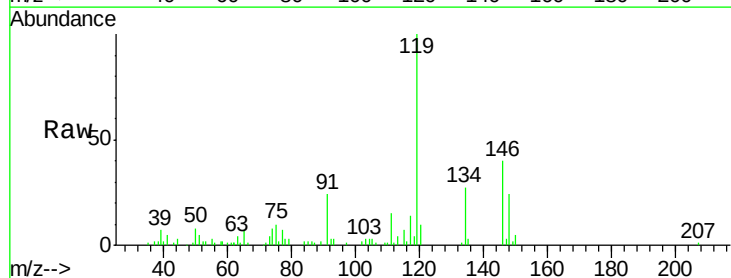
Tgt Ion:119 Resp: 17486

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

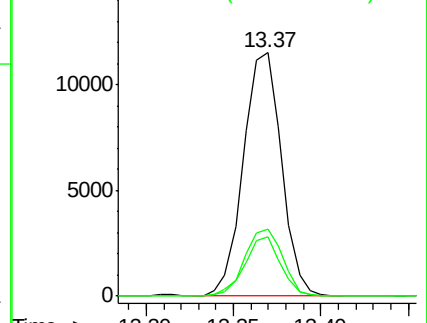
91 23.0 12.4 37.2



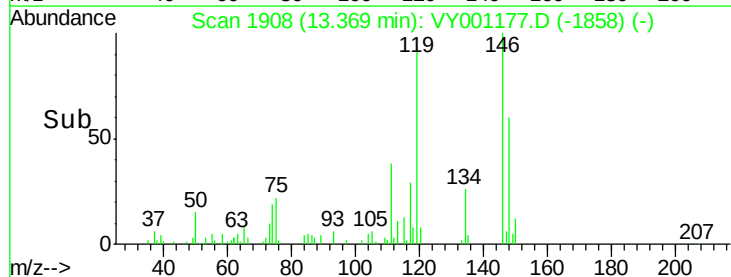
Abundance Ion 119.00 (118.70 to 119.70): V

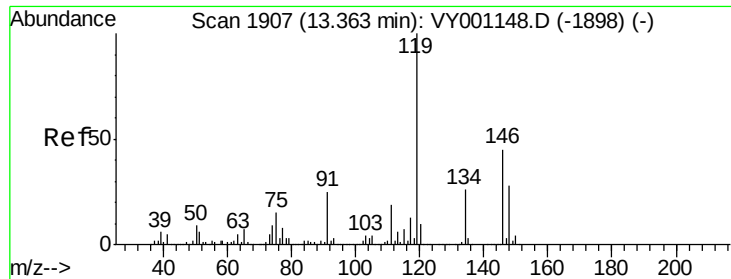
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->

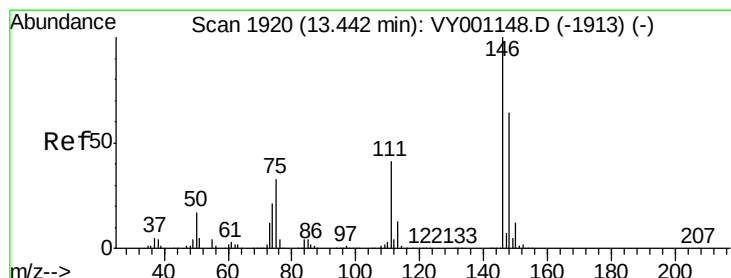
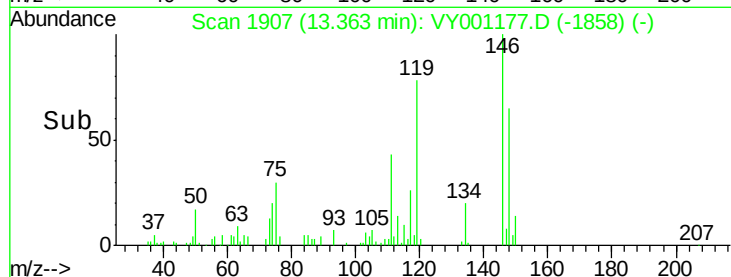
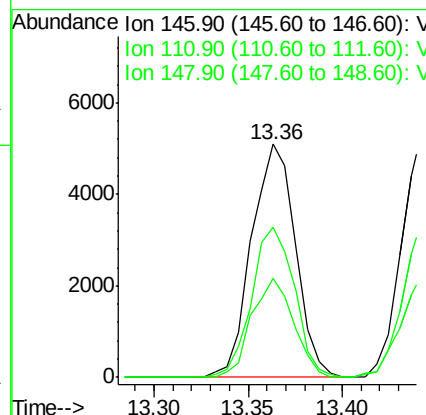
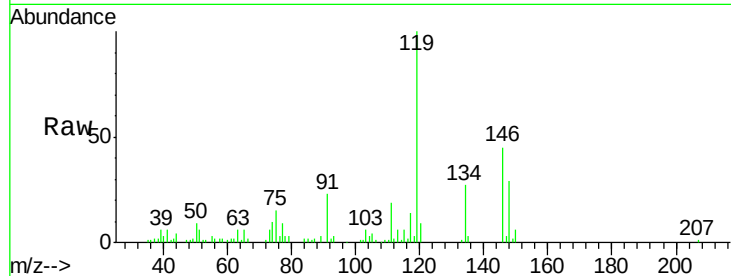




#87
 1,3-Dichlorobenzene
 Concen: 52.513 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

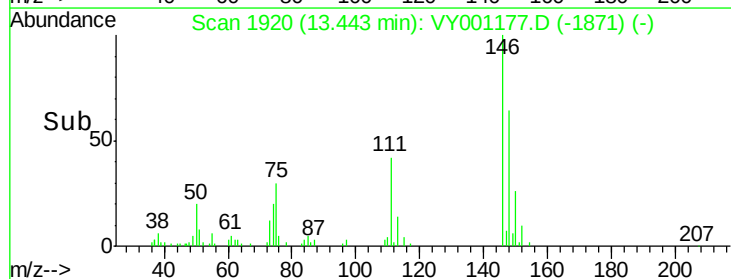
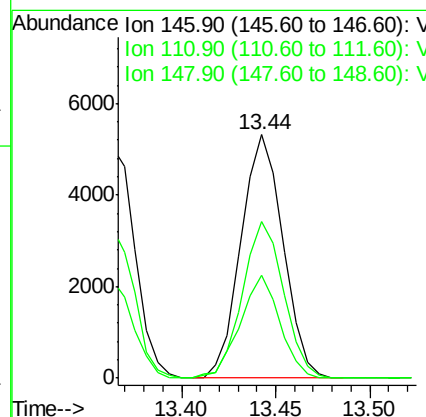
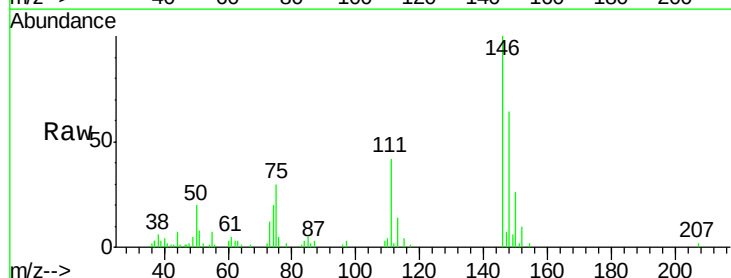
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

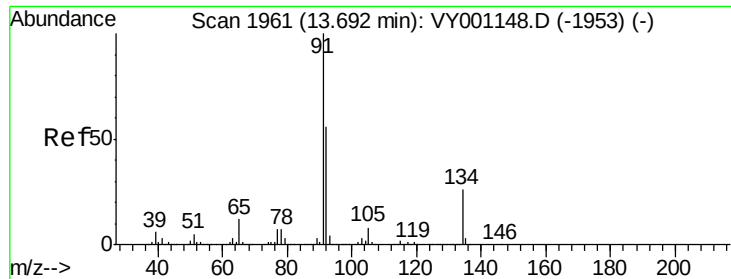
Tgt Ion:146 Resp: 8204
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.3 64.0
 148 62.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.185 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion:146 Resp: 8230
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.8 62.5
 148 63.1 32.0 96.2

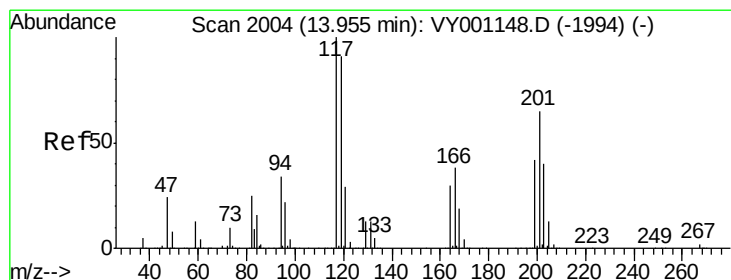
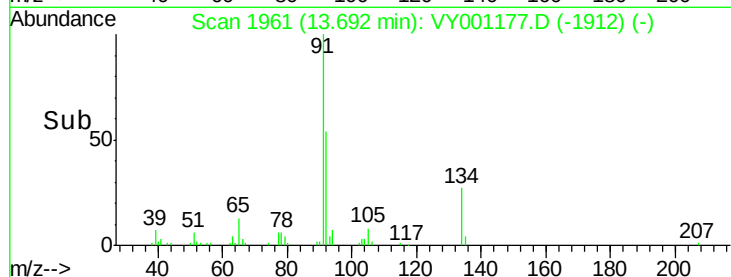
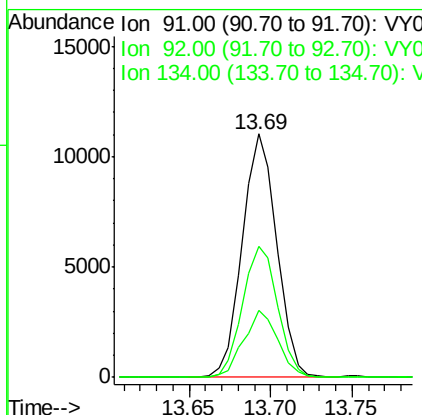
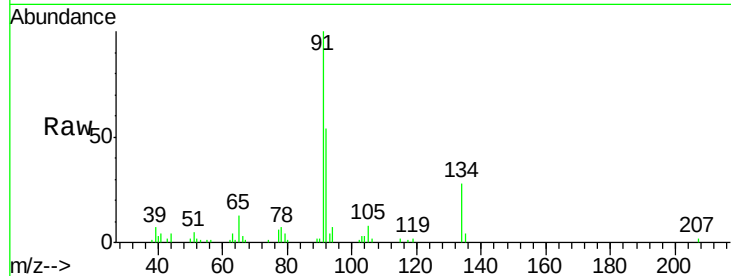




#89
n-Butylbenzene
Concen: 49.211 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

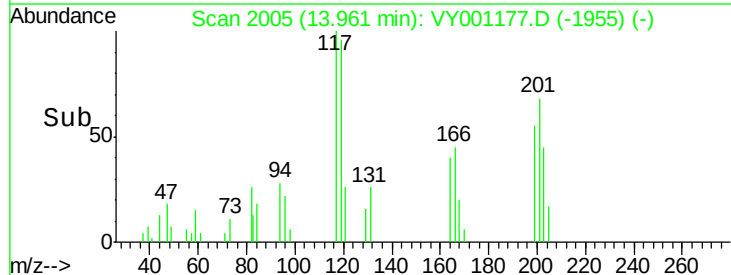
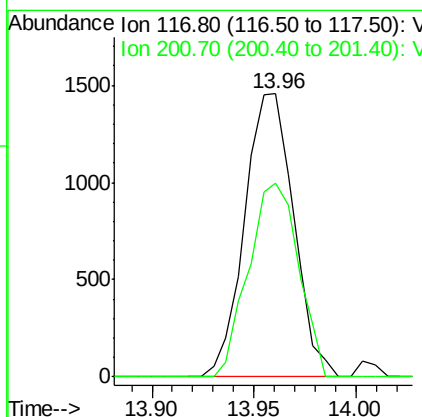
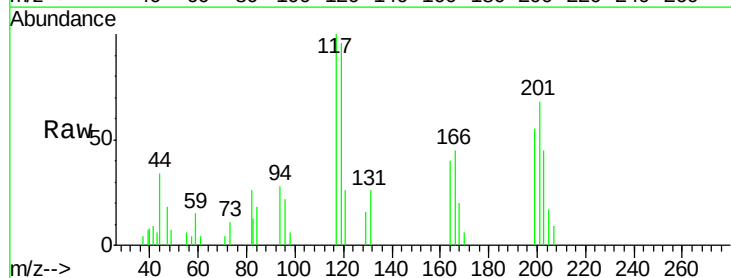
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

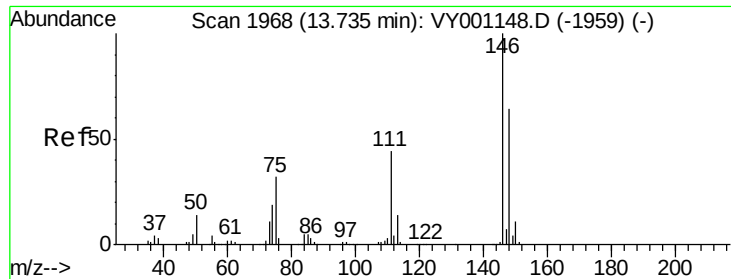
Tgt Ion: 91 Resp: 16227
Ion Ratio Lower Upper
91 100
92 54.6 27.7 83.1
134 27.5 12.9 38.6



#90
Hexachloroethane
Concen: 38.064 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion: 117 Resp: 2435
Ion Ratio Lower Upper
117 100
201 69.8 35.4 106.2

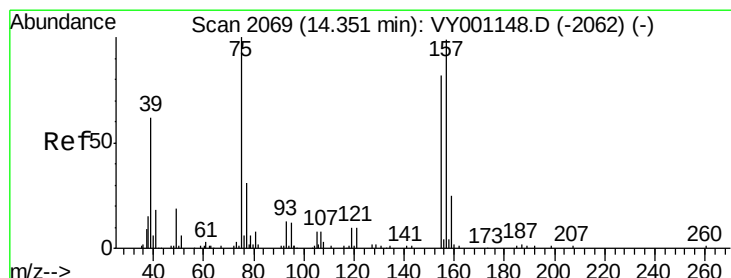
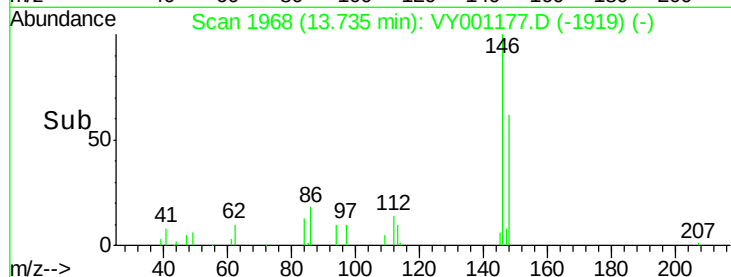
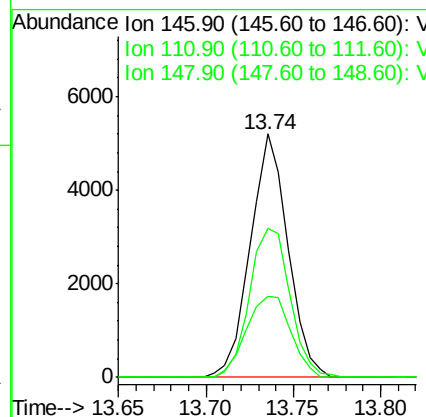
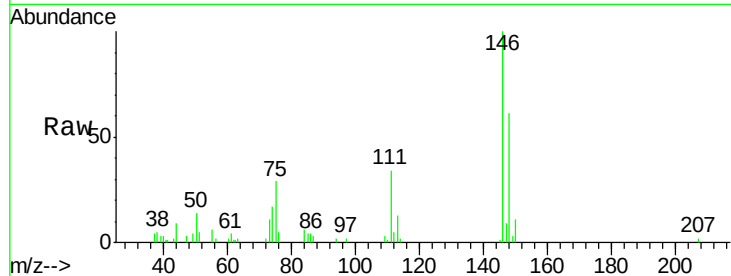




#91
 1,2-Dichlorobenzene
 Concen: 53.596 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

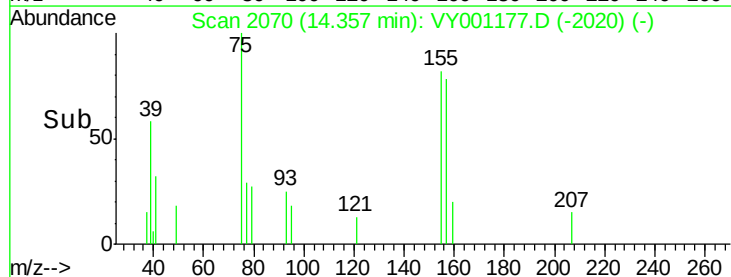
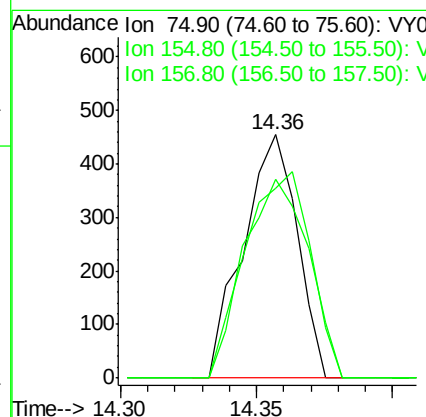
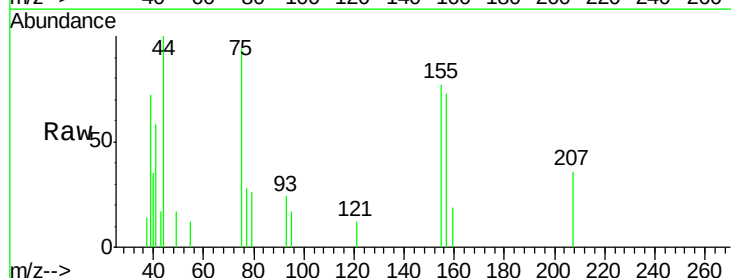
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

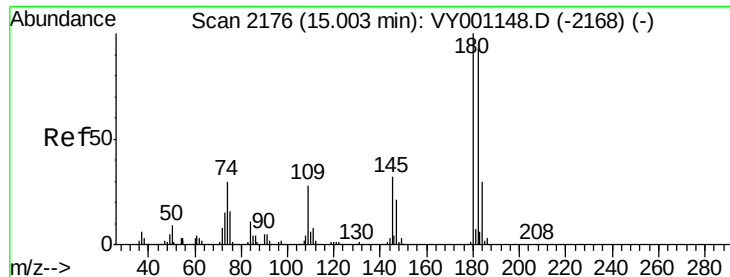
Tgt Ion: 146 Resp: 7782
 Ion Ratio Lower Upper
 146 100
 111 39.5 22.0 66.0
 148 65.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.909 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion: 75 Resp: 623
 Ion Ratio Lower Upper
 75 100
 155 98.4 41.2 123.6
 157 103.0 52.8 158.4

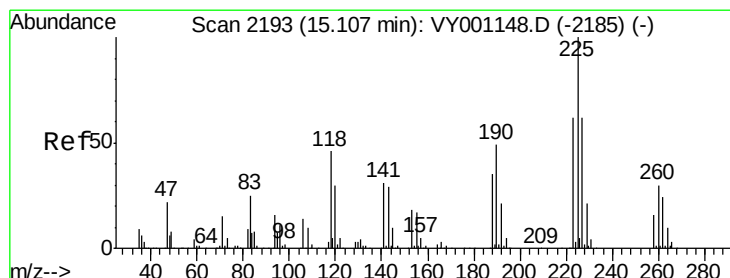
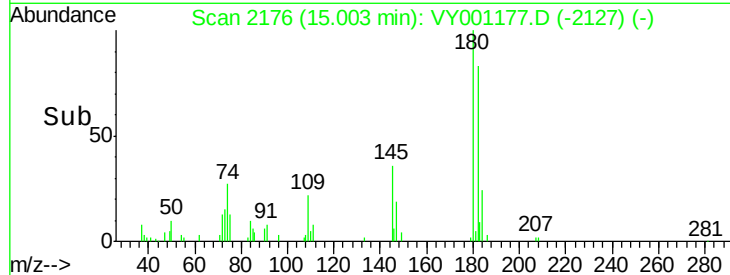
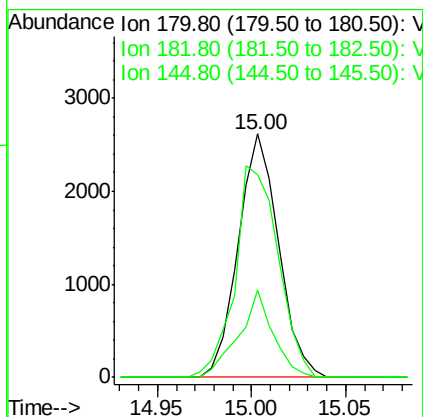
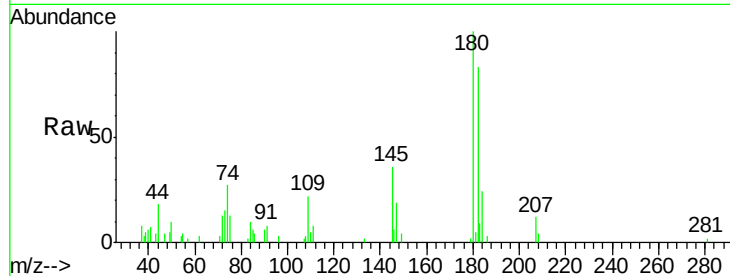




#93
 1,2,4-Trichlorobenzene
 Concen: 40.485 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

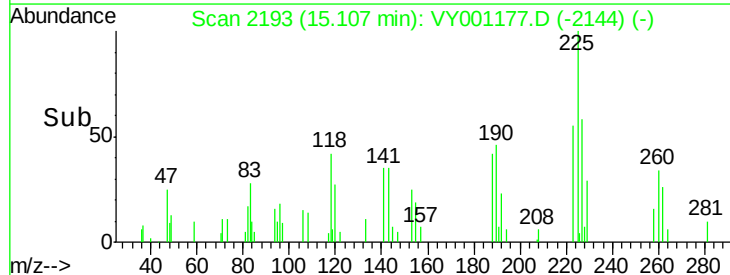
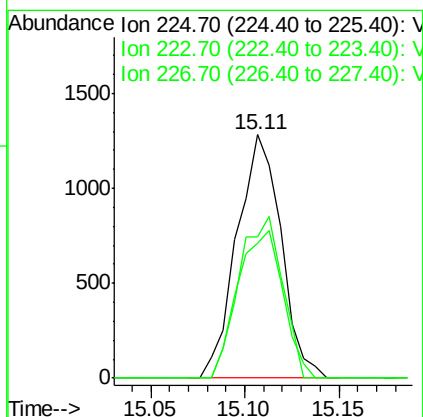
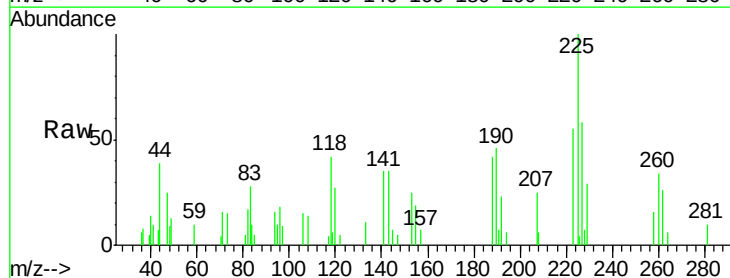
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

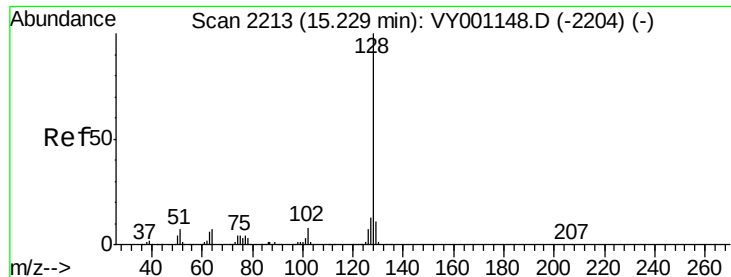
Tgt Ion:180 Resp: 3873
 Ion Ratio Lower Upper
 180 100
 182 93.0 46.9 140.8
 145 30.7 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 43.262 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001177.D
 Acq: 13 Jan 2020 13:48

Tgt Ion:225 Resp: 2085
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.3
 227 65.3 31.3 93.9

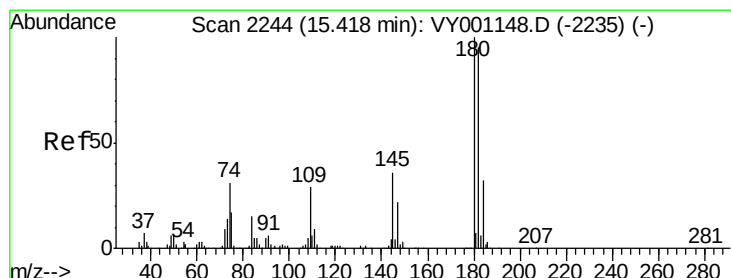
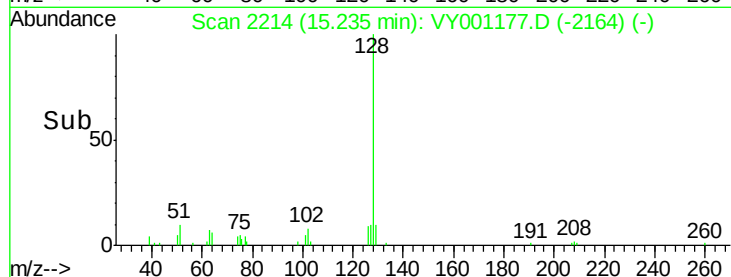
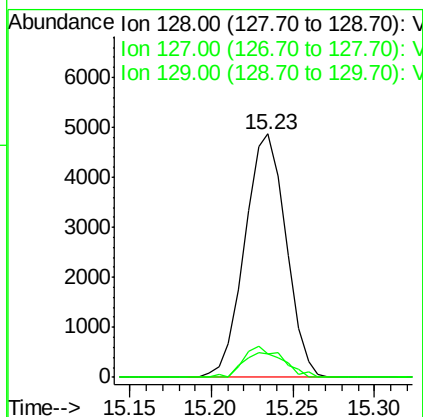
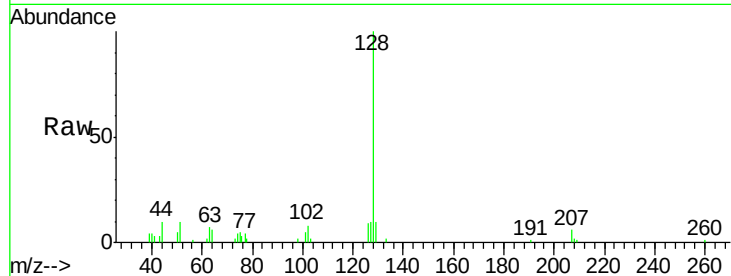




#95
Naphthalene
Concen: 38.274 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tgt Ion:128 Resp: 8524
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 38.405 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001177.D
Acq: 13 Jan 2020 13:48

Tgt Ion:180 Resp: 3238
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 32.9 17.1 51.3

