

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001848.D
 Acq On : 04 Mar 2020 12:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030420

Quant Time: Mar 05 04:07:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	194489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	353162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	314733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	143066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	102462	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	7.74	113	97267	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.19	98	409238	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.49	95	139750	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	85853	47.822	ug/l	96
3) Chloromethane	2.13	50	120155	49.642	ug/l	100
4) Vinyl Chloride	2.27	62	120814	49.071	ug/l	96
5) Bromomethane	2.67	94	77670	54.545	ug/l	98
6) Chloroethane	2.81	64	74577	48.221	ug/l	95
7) Trichlorofluoromethane	3.15	101	163837	49.068	ug/l	99
8) Diethyl Ether	3.55	74	66921	50.853	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	106552	49.615	ug/l	99
10) Methyl Iodide	4.12	142	127060	51.161	ug/l	99
11) Tert butyl alcohol	4.99	59	54698	253.462	ug/l	100
12) 1,1-Dichloroethene	3.90	96	110997	51.331	ug/l	98
13) Acrolein	3.76	56	73321	251.298	ug/l	97
14) Allyl chloride	4.51	41	192126	50.118	ug/l	98
15) Acrylonitrile	5.20	53	179177	254.797	ug/l	100
16) Acetone	3.97	43	165733	274.055	ug/l	95
17) Carbon Disulfide	4.22	76	368996	50.762	ug/l	99
18) Methyl Acetate	4.50	43	75903	48.849	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	298394	50.922	ug/l	99
20) Methylene Chloride	4.75	84	123756	47.749	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	123611	50.364	ug/l	97
22) Diisopropyl ether	6.14	45	382250	48.645	ug/l	99
23) Vinyl Acetate	6.09	43	1286709	249.779	ug/l	98
24) 1,1-Dichloroethane	6.05	63	210430	49.451	ug/l	98
25) 2-Butanone	7.02	43	241809	262.936	ug/l	98
26) 2,2-Dichloropropane	7.01	77	175956	50.379	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	135652	50.810	ug/l	98
28) Bromochloromethane	7.36	49	91526	47.718	ug/l	97
29) Tetrahydrofuran	7.37	42	150189	245.927	ug/l	97
30) Chloroform	7.53	83	196443	49.136	ug/l	99
31) Cyclohexane	7.81	56	216669	47.488	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	171024	50.754	ug/l	98
36) 1,1-Dichloropropene	7.94	75	167909	49.407	ug/l	99
37) Ethyl Acetate	7.10	43	98146	49.689	ug/l	99
38) Carbon Tetrachloride	7.93	117	145334	50.060	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	223184	49.514	ug/l	98
40) Benzene	8.18	78	497577	49.396	ug/l	99
41) Methacrylonitrile	7.37	41	132353	148.892	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	127626	49.169	ug/l	99
43) Isopropyl Acetate	8.29	43	186243	49.803	ug/l	100
44) Trichloroethene	8.96	130	119590	48.748	ug/l	99
45) 1,2-Dichloropropane	9.24	63	125538	49.577	ug/l	100
46) Dibromomethane	9.32	93	65821	50.441	ug/l	98
47) Bromodichloromethane	9.51	83	153024	50.412	ug/l	99
48) Methyl methacrylate	9.31	41	86444	52.094	ug/l	97
49) 1,4-Dioxane	9.32	88	18163	1015.801	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	487551	253.119	ug/l	98
52) Toluene	10.25	92	302347	49.409	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	170240	51.477	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	199270	50.615	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	97046	50.817	ug/l	97
56) Ethyl methacrylate	10.52	69	146509	52.340	ug/l	99
57) 1,3-Dichloropropane	10.80	76	168460	49.487	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	237551	241.694	ug/l	99
59) 2-Hexanone	10.85	43	359007	261.131	ug/l	98
60) Dibromochloromethane	11.00	129	102132	50.753	ug/l	99
61) 1,2-Dibromoethane	11.10	107	91309	50.476	ug/l	99
64) Tetrachloroethene	10.73	164	95287	48.277	ug/l	97
65) Chlorobenzene	11.53	112	310946	49.583	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	103414	50.286	ug/l	100
67) Ethyl Benzene	11.60	91	579953	49.587	ug/l	98
68) m/p-Xylenes	11.71	106	430750	99.618	ug/l	100
69) o-Xylene	12.04	106	203853	50.019	ug/l	99
70) Styrene	12.05	104	353329	50.619	ug/l	99
71) Bromoform	12.22	173	59301	53.171	ug/l #	98
73) Isopropylbenzene	12.34	105	547893	50.167	ug/l	100
74) N-amyl acetate	12.15	43	172231	51.312	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.60	83	121400	51.547	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	156517	92.200	ug/l #	100
77) Bromobenzene	12.62	156	116684	50.428	ug/l	99
78) n-propylbenzene	12.68	91	675986	50.171	ug/l	100
79) 2-Chlorotoluene	12.77	91	371760	49.941	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	450272	50.081	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	45042	53.596	ug/l	97
82) 4-Chlorotoluene	12.86	91	388864	50.172	ug/l	100
83) tert-Butylbenzene	13.08	119	390193	52.251	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	448415	50.256	ug/l	100
85) sec-Butylbenzene	13.27	105	561072	50.973	ug/l	100
86) p-Isopropyltoluene	13.38	119	486134	51.198	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	224095	49.423	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	228439	49.661	ug/l	99
89) n-Butylbenzene	13.70	91	495246	50.273	ug/l	99
90) Hexachloroethane	13.97	117	92630	51.712	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	206139	50.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18702	50.889	ug/l	98

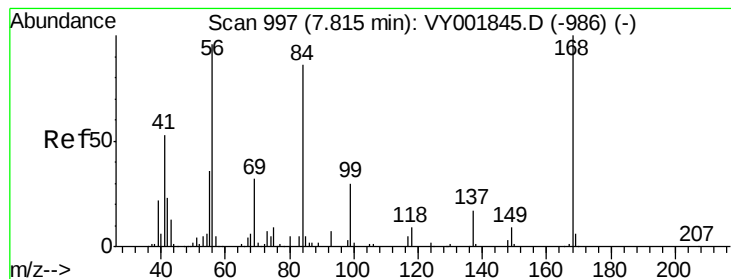
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	133843	50.102	ug/l	98
94) Hexachlorobutadiene	15.13	225	64337	49.398	ug/l	99
95) Naphthalene	15.25	128	330574	52.170	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	117976	50.131	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

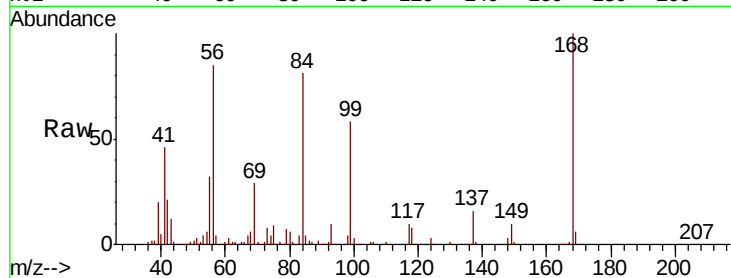
ICVY030420

Tot Ion:168 Resp: 194489

Ion Ratio Lower Upper

168 100

99 58.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001848.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001848.D (-948) (-)

7.82

80000

60000

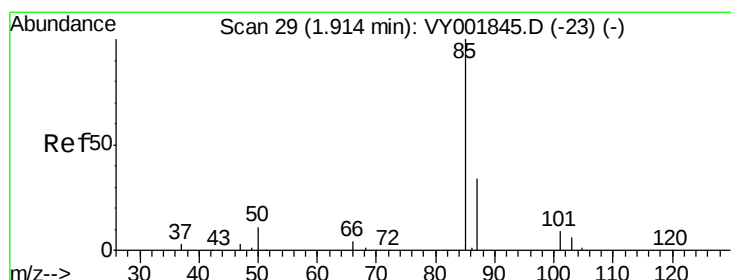
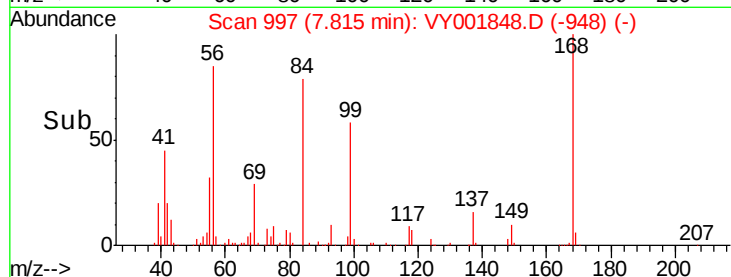
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.822 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001848.D

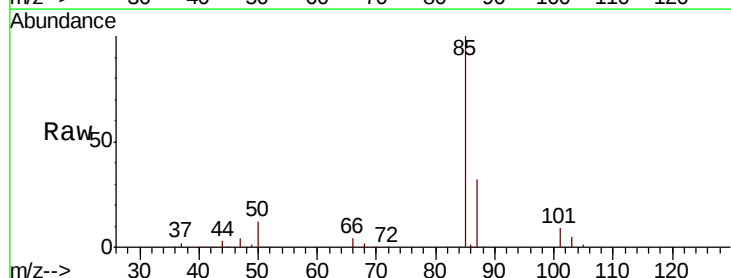
Acq: 04 Mar 2020 12:51

Tgt Ion: 85 Resp: 85853

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001848.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001848.D (-1) (-)

1.91

60000

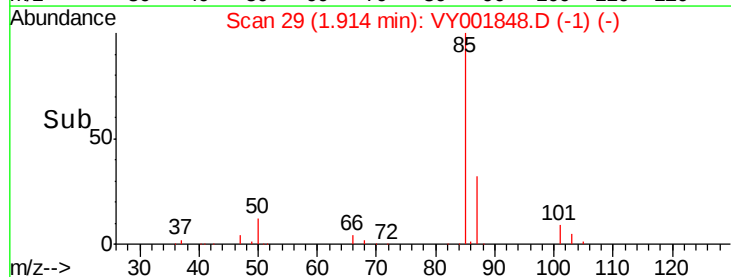
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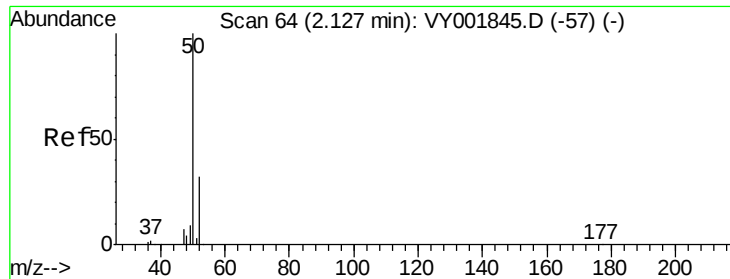
20000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.642 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

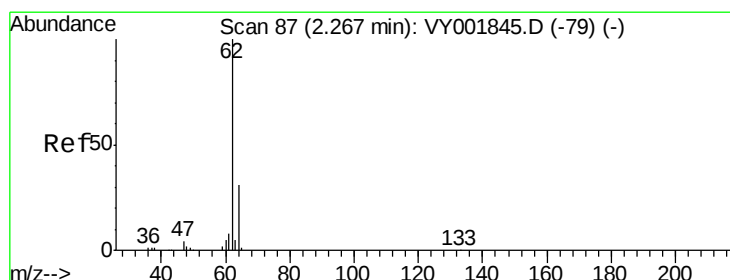
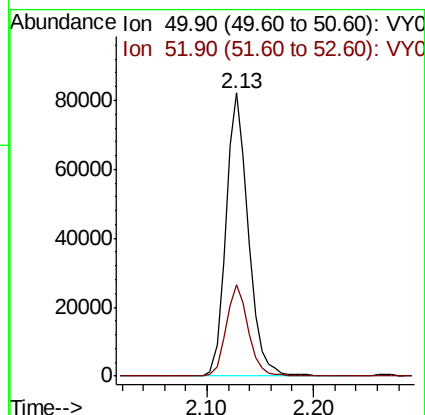
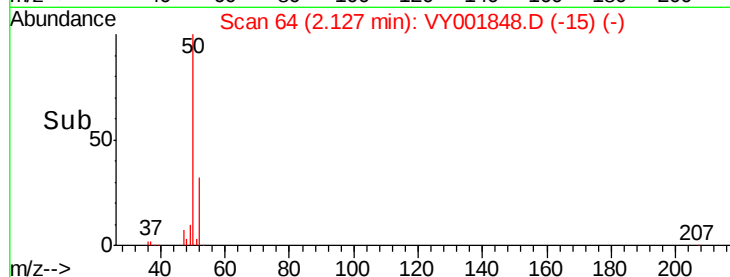
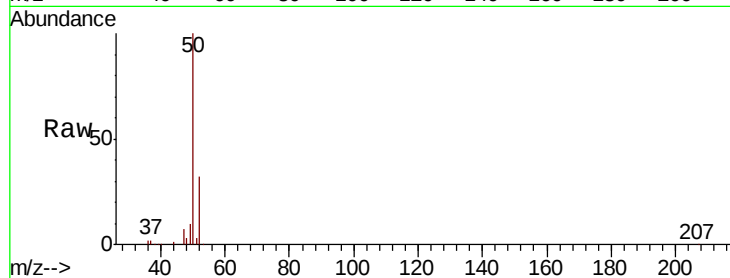
ICVVY030420

Tot Ion: 50 Resp: 120155

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.6



#4

Vinyl Chloride

Concen: 49.071 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001848.D

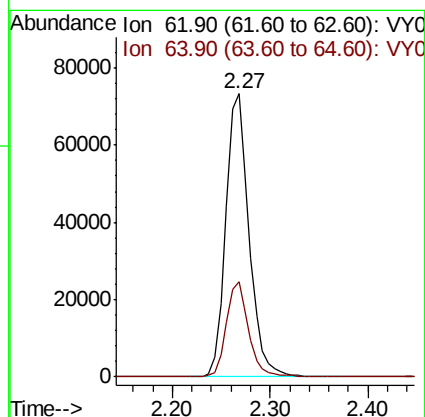
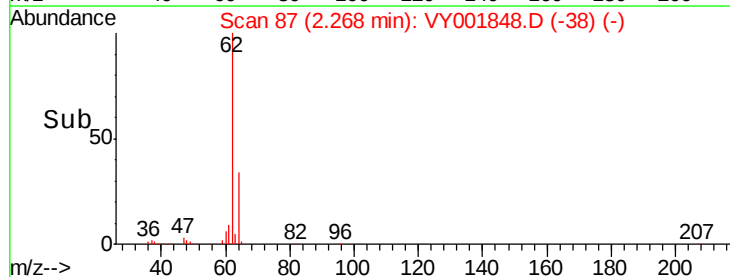
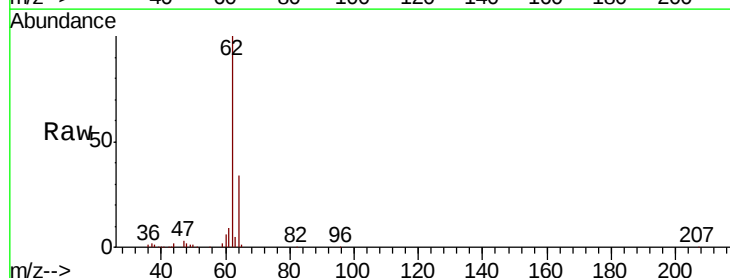
Acq: 04 Mar 2020 12:51

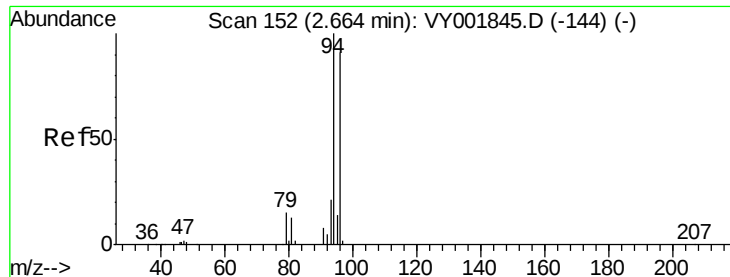
Tgt Ion: 62 Resp: 120814

Ion Ratio Lower Upper

62 100

64 33.6 25.1 37.7





#5

Bromomethane

Concen: 54.545 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

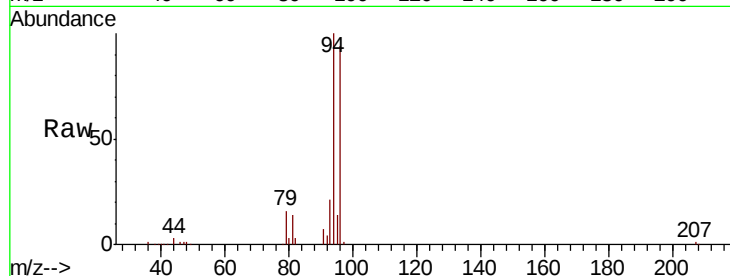
ICVY030420

Tot Ion: 94 Resp: 77670

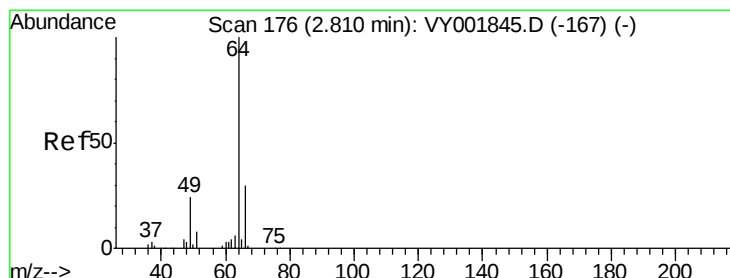
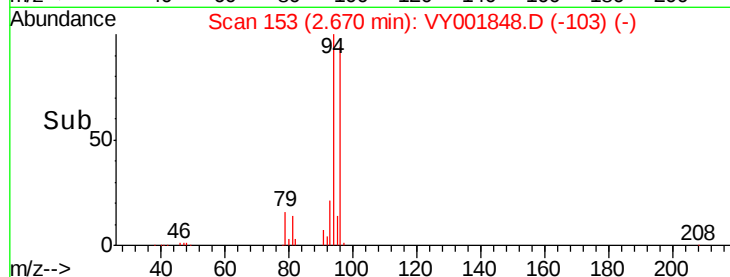
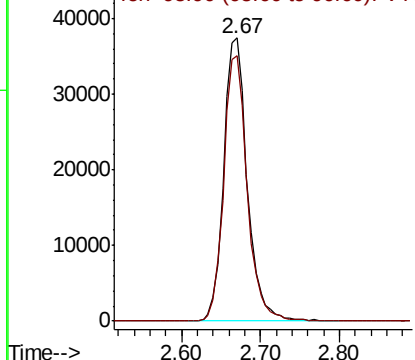
Ion Ratio Lower Upper

94 100

96 93.7 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.221 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001848.D

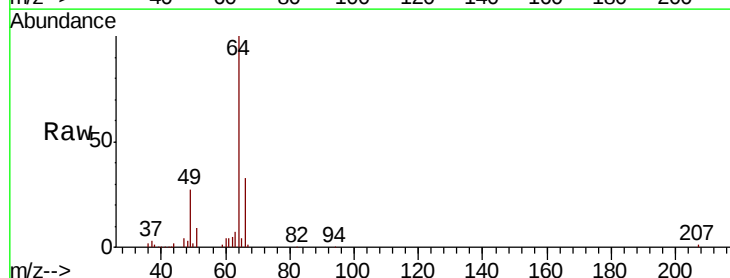
Acq: 04 Mar 2020 12:51

Tgt Ion: 64 Resp: 74577

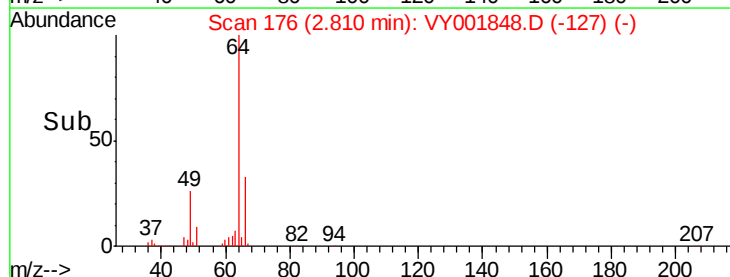
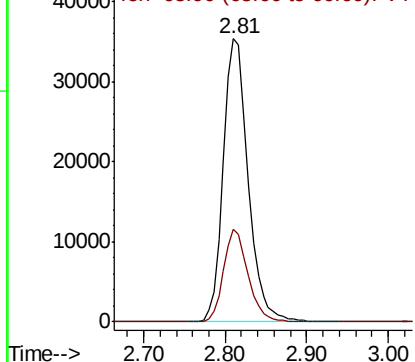
Ion Ratio Lower Upper

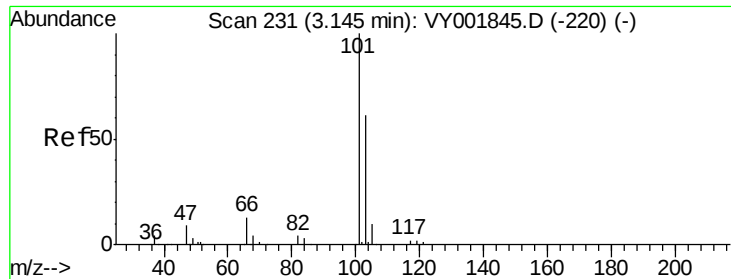
64 100

66 32.5 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



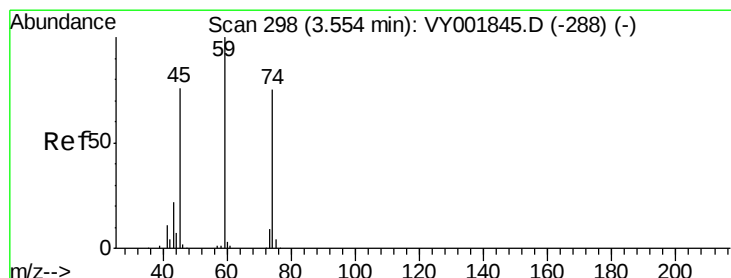
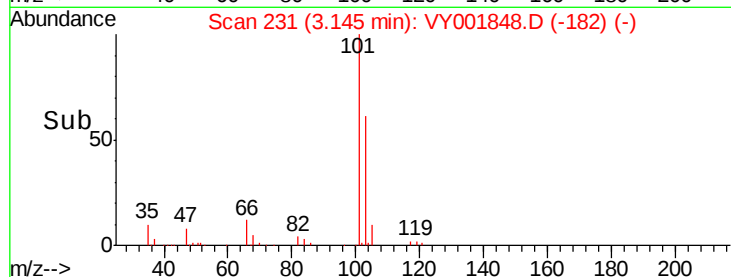
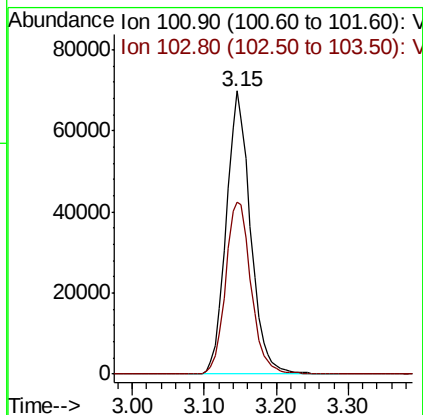
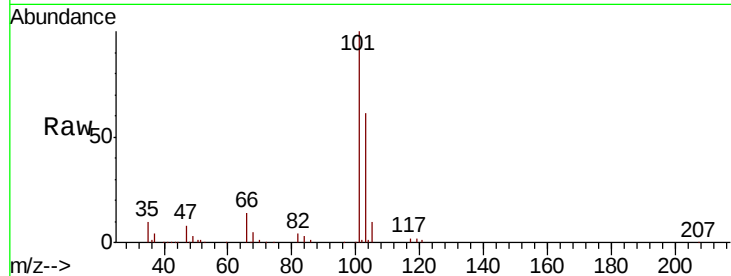


#7

Trichlorofluoromethane
 Concen: 49.068 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

Instrument :
 MSVOA_Y
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 ICVVY030420

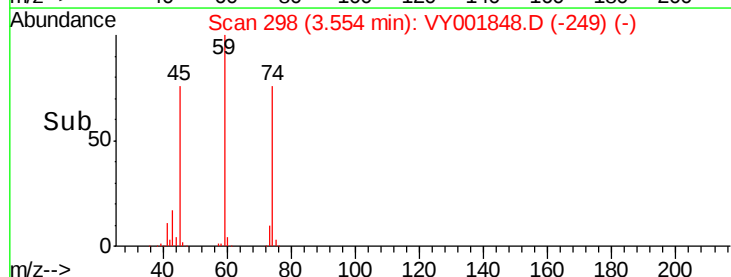
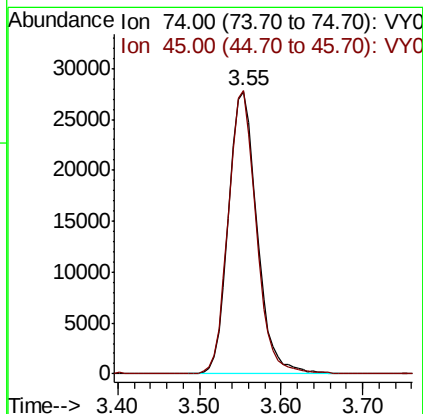
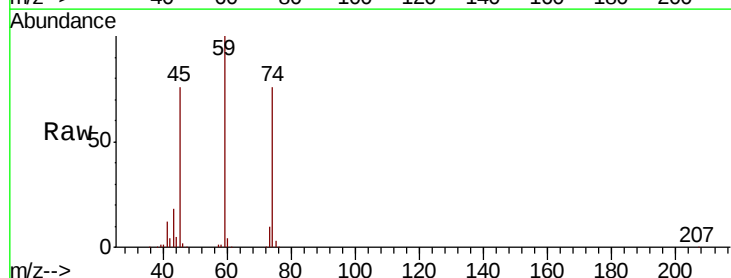
Tot Ion:101 Resp: 163837
 Ion Ratio Lower Upper
 101 100
 103 61.0 49.1 73.7

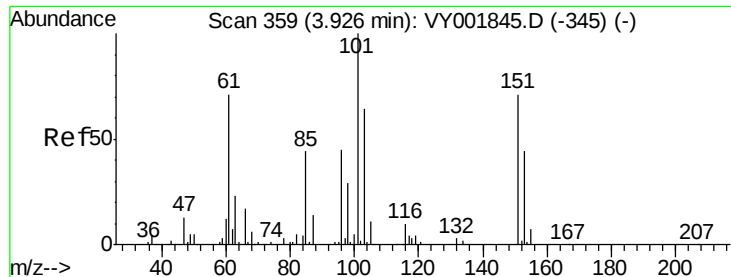


#8

Diethyl Ether
 Concen: 50.853 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

Tgt Ion: 74 Resp: 66921
 Ion Ratio Lower Upper
 74 100
 45 98.3 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.615 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

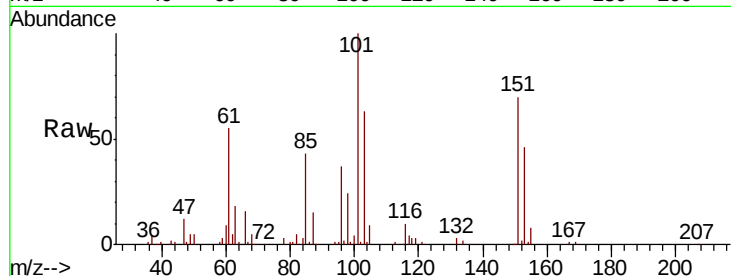
Tot Ion:101 Resp: 106552

Ion Ratio Lower Upper

101 100

85 43.1 35.3 52.9

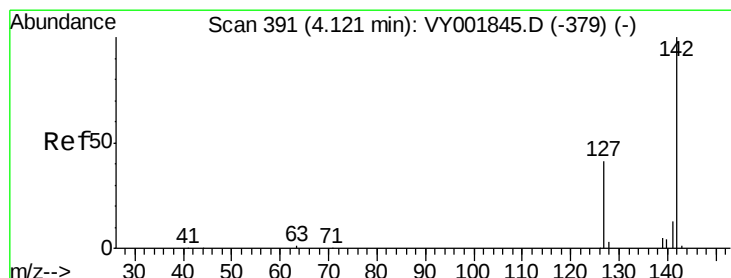
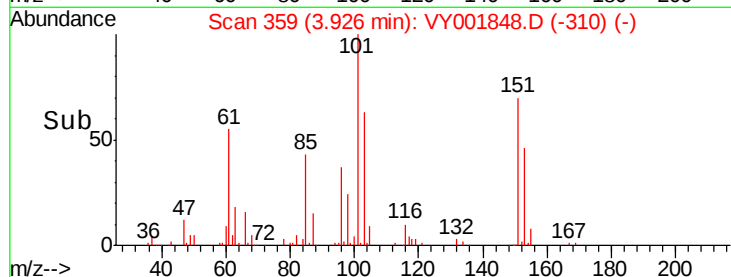
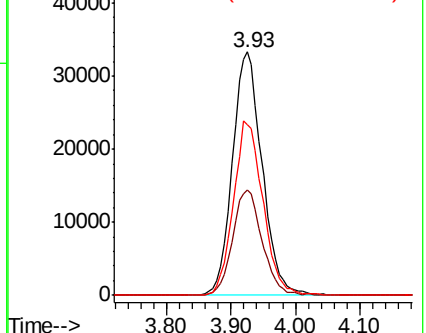
151 71.2 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.161 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

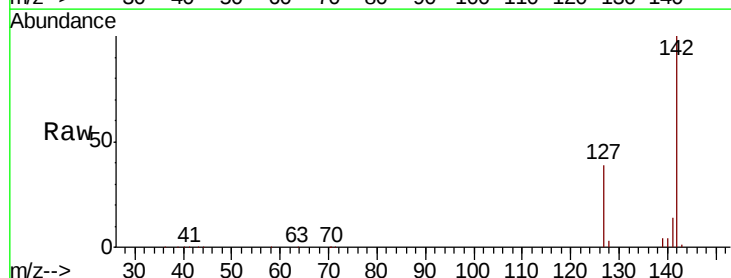
Tgt Ion:142 Resp: 127060

Ion Ratio Lower Upper

142 100

127 40.5 32.7 49.1

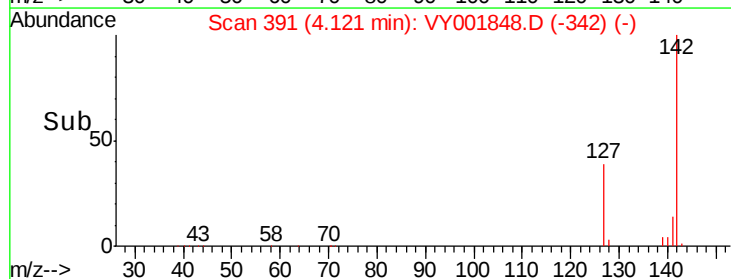
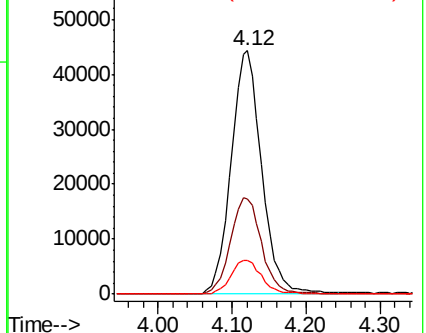
141 13.9 11.0 16.6

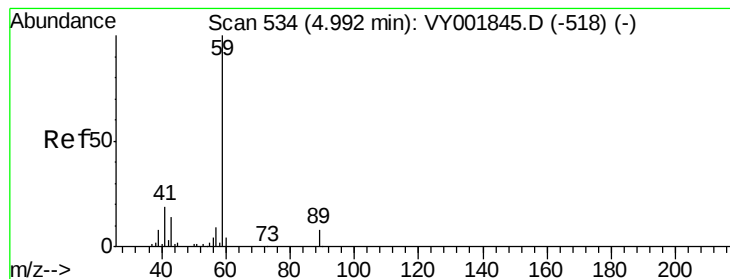


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



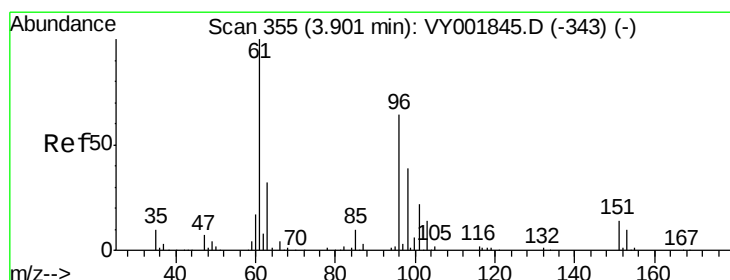
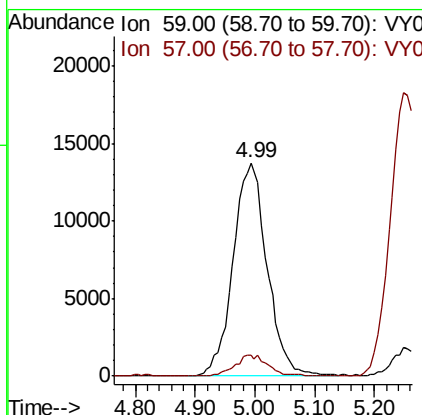
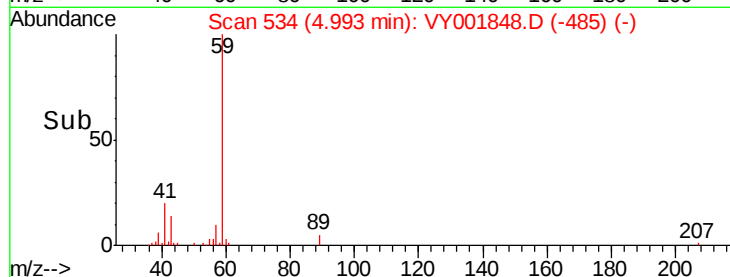
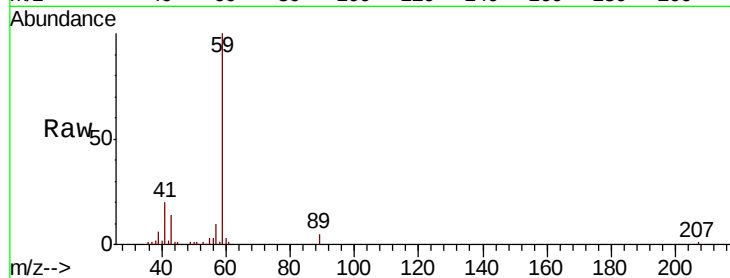


#11

Tert butyl alcohol
Concen: 253.462 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

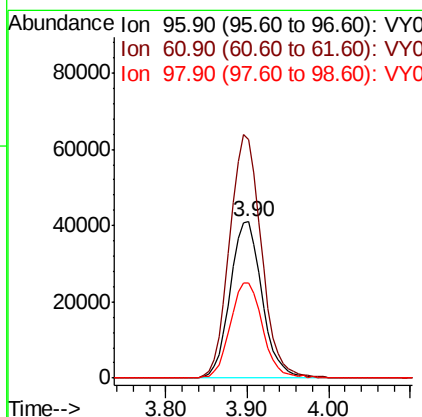
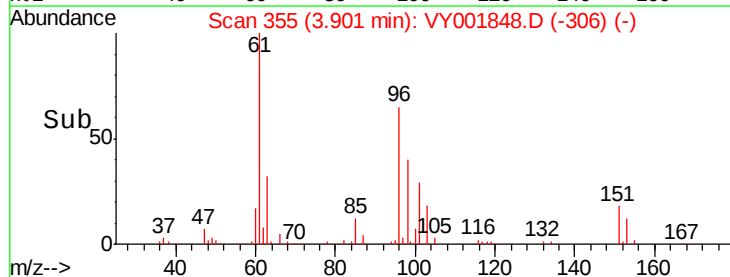
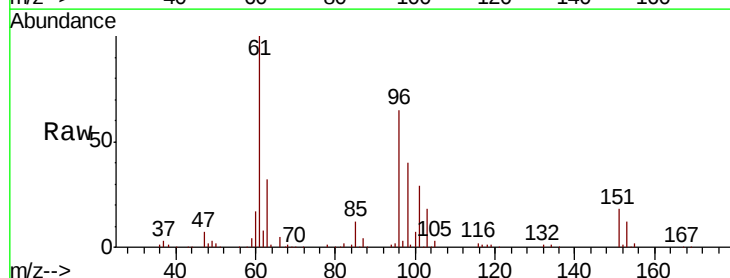
Tot Ion: 59 Resp: 54698
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.2

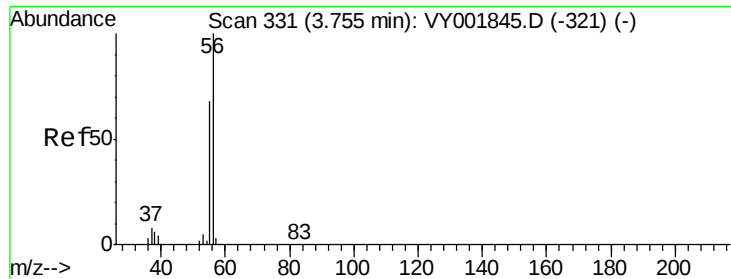


#12

1,1-Dichloroethene
Concen: 51.331 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 96 Resp: 110997
Ion Ratio Lower Upper
96 100
61 152.8 124.8 187.2
98 60.5 49.2 73.8





#13

Acrolein

Concen: 251.298 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

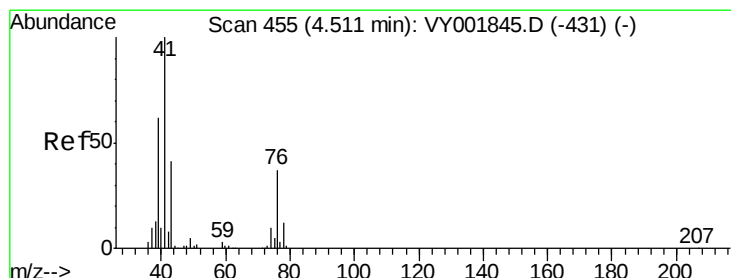
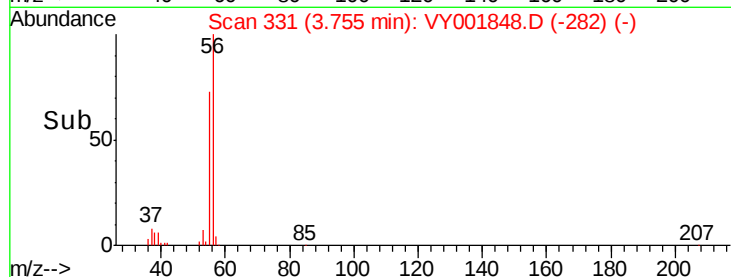
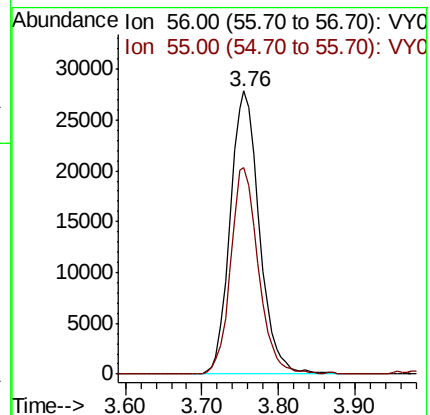
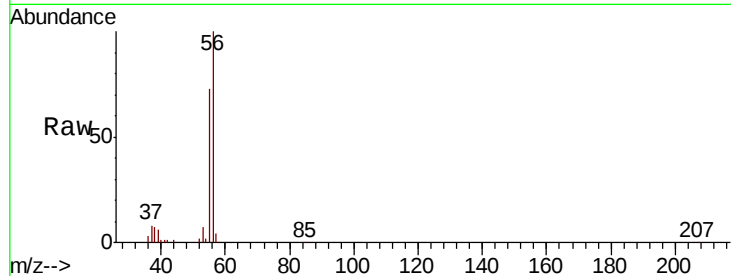
ICVY030420

Tot Ion: 56 Resp: 73321

Ion Ratio Lower Upper

56 100

55 69.6 54.0 81.0



#14

Allyl chloride

Concen: 50.118 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

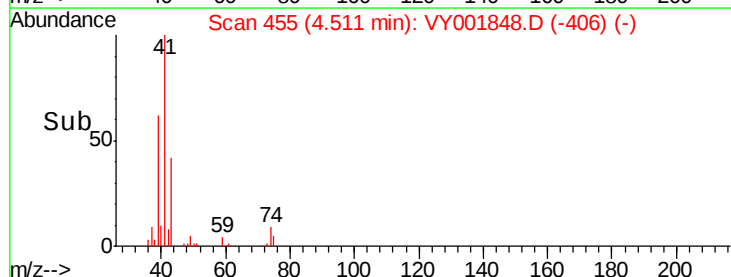
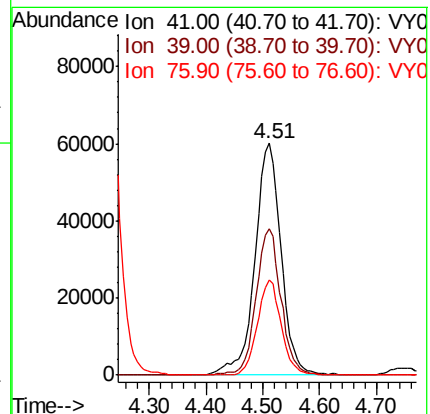
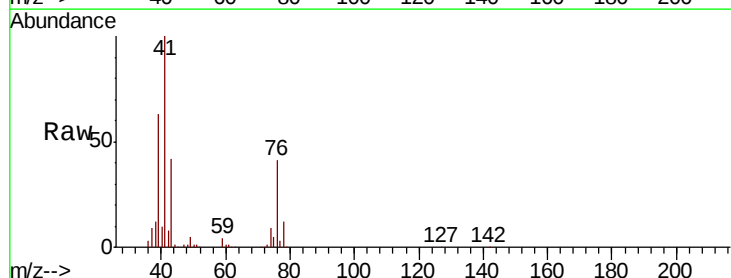
Tgt Ion: 41 Resp: 192126

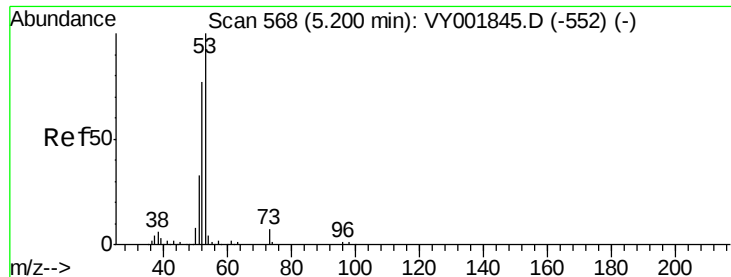
Ion Ratio Lower Upper

41 100

39 60.0 49.0 73.6

76 37.3 28.9 43.3





#15

Acrylonitrile

Concen: 254.797 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030420

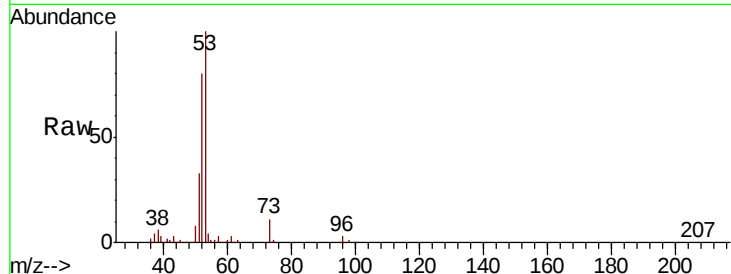
Tot Ion: 53 Resp: 179177

Ion Ratio Lower Upper

53 100

52 81.5 65.1 97.7

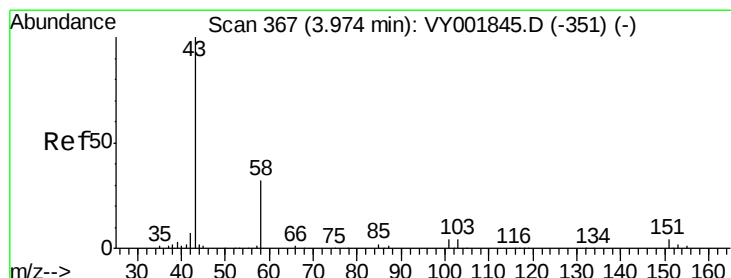
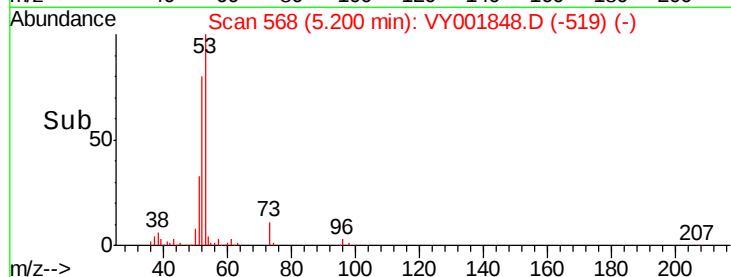
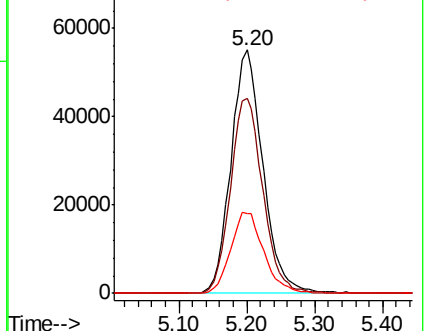
51 34.5 27.5 41.3



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: 274.055 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001848.D

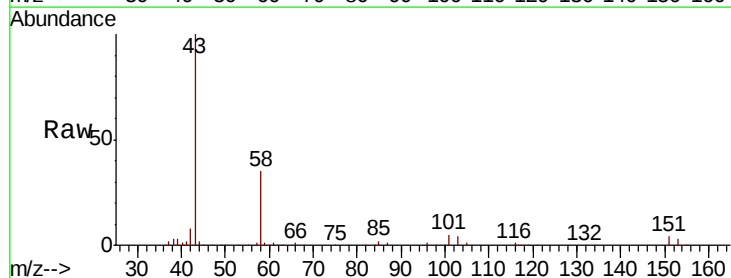
Acq: 04 Mar 2020 12:51

Tgt Ion: 43 Resp: 165733

Ion Ratio Lower Upper

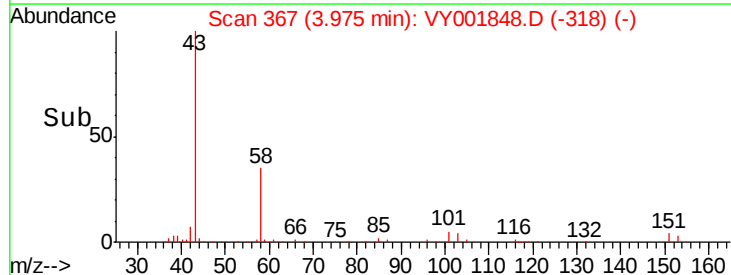
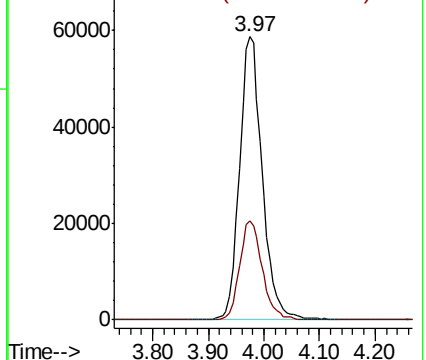
43 100

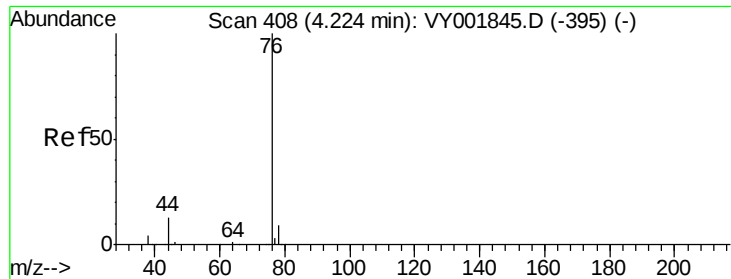
58 35.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

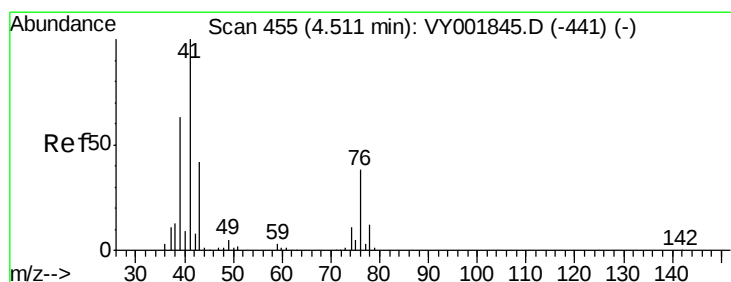
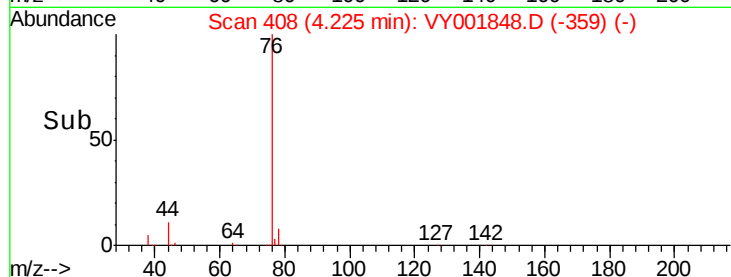
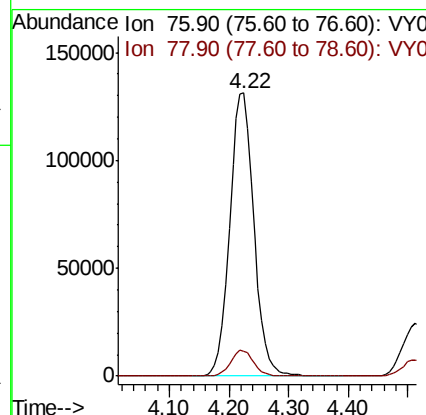
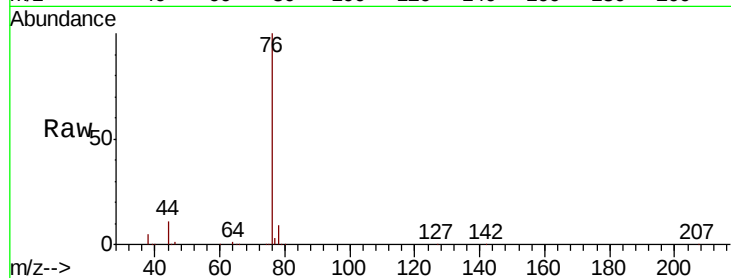




#17
Carbon Disulfide
Concen: 50.762 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

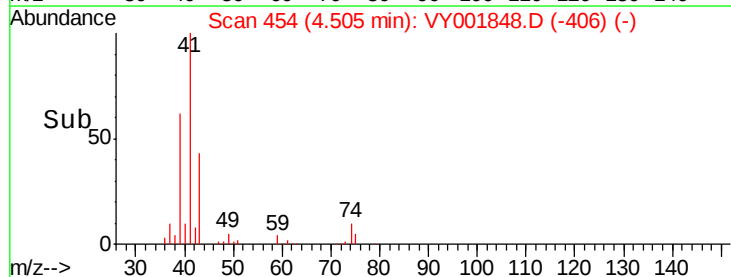
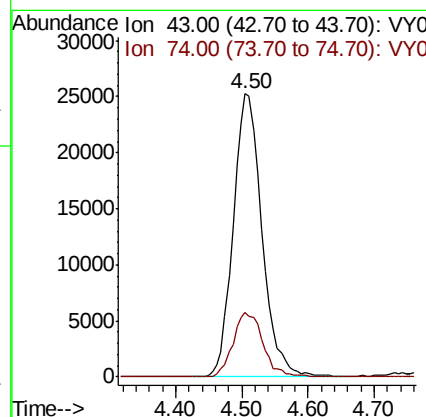
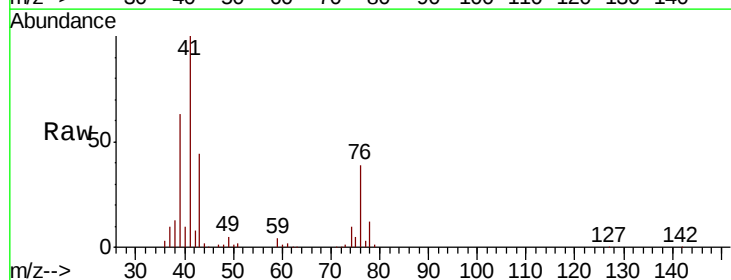
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

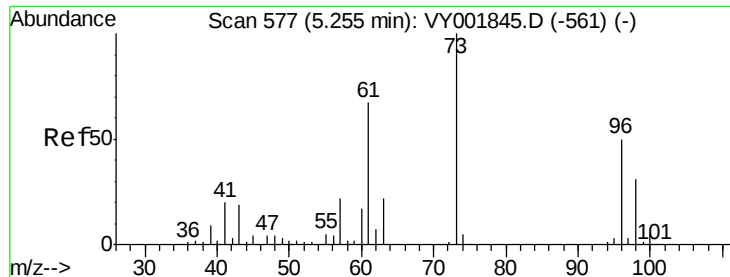
Tot Ion: 76 Resp: 368996
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 48.849 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 43 Resp: 75903
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6

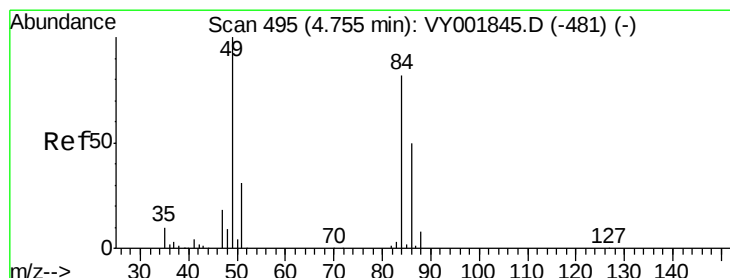
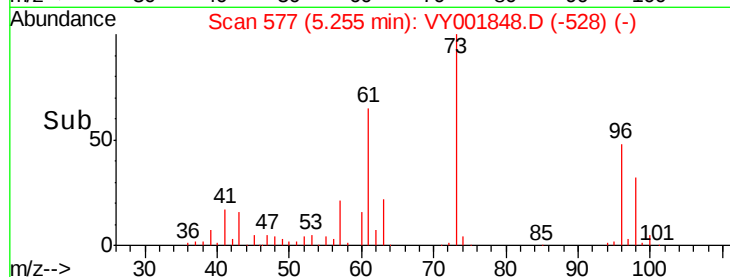
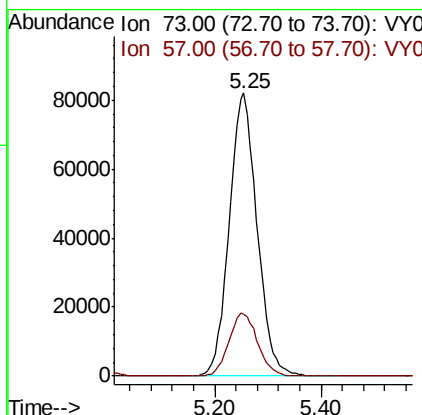
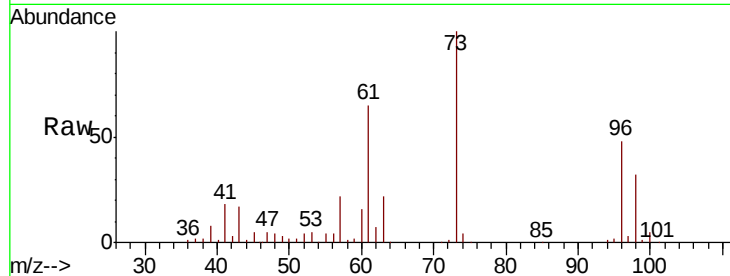




#19
Methyl tert-butyl Ether
Concen: 50.922 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

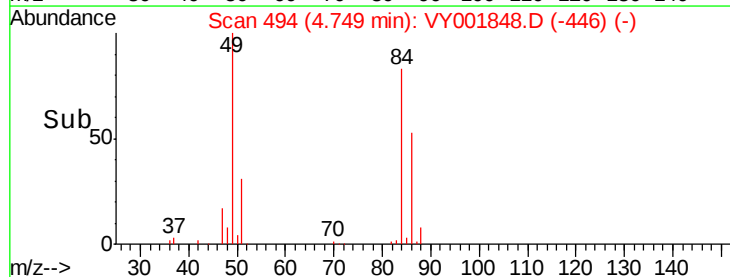
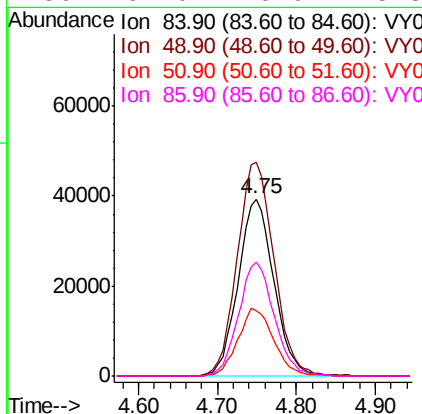
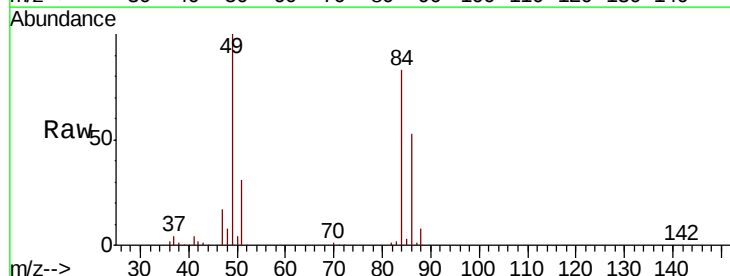
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

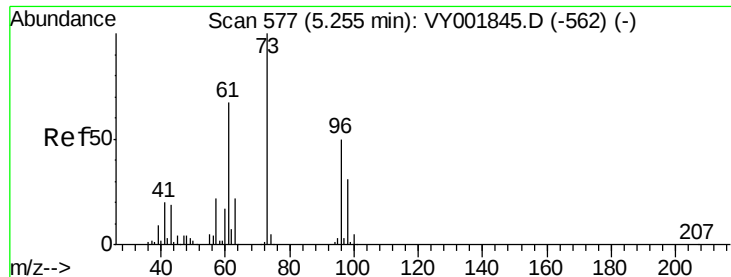
Tot Ion: 73 Resp: 298394
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2



#20
Methylene Chloride
Concen: 47.749 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 84 Resp: 123756
Ion Ratio Lower Upper
84 100
49 120.5 98.2 147.2
51 37.2 30.2 45.2
86 64.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 50.364 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

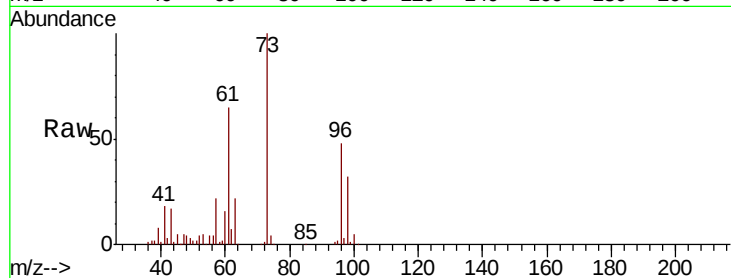
Tot Ion: 96 Resp: 123611

Ion Ratio Lower Upper

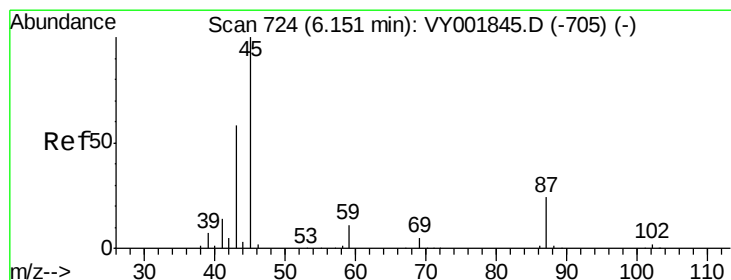
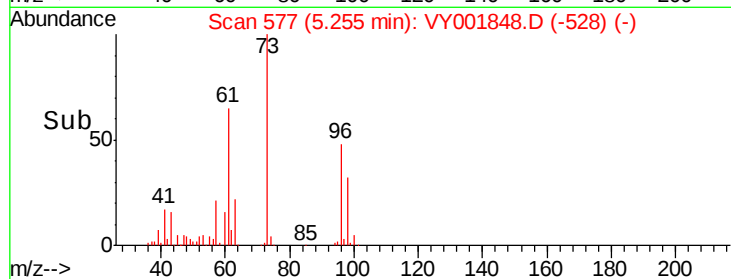
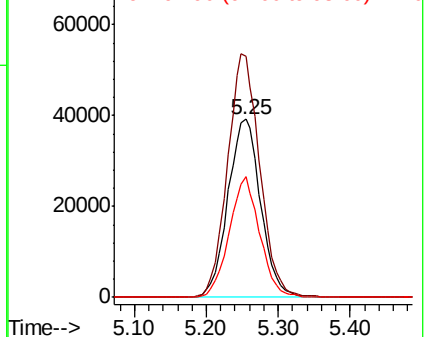
96 100

61 135.6 107.7 161.5

98 67.9 49.3 73.9



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: 48.645 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Tgt Ion: 45 Resp: 382250

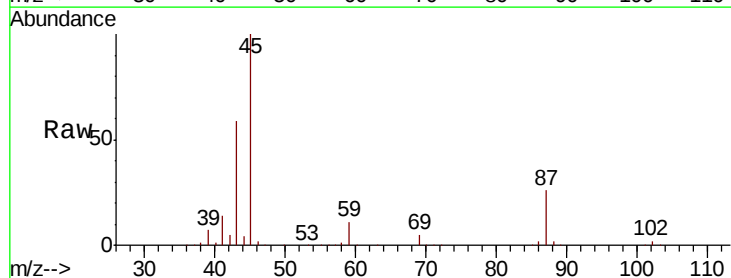
Ion Ratio Lower Upper

45 100

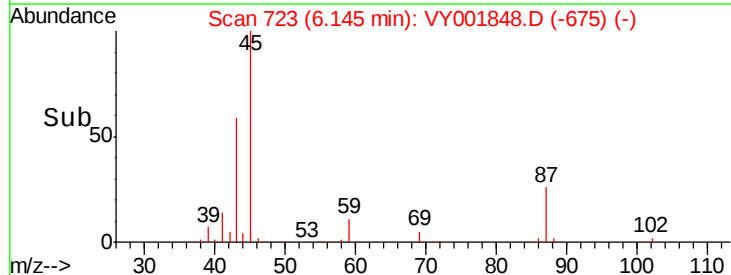
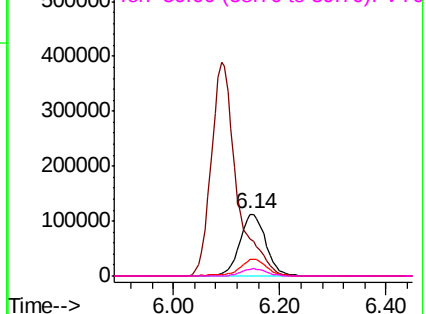
43 58.8 47.2 70.8

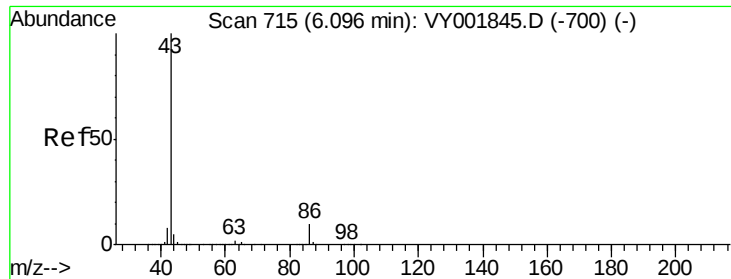
87 26.2 19.8 29.8

59 10.9 8.8 13.2



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: 249.779 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

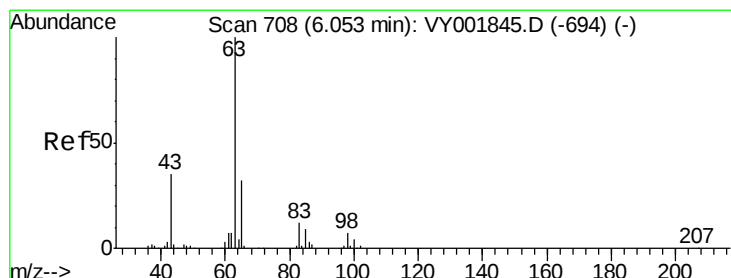
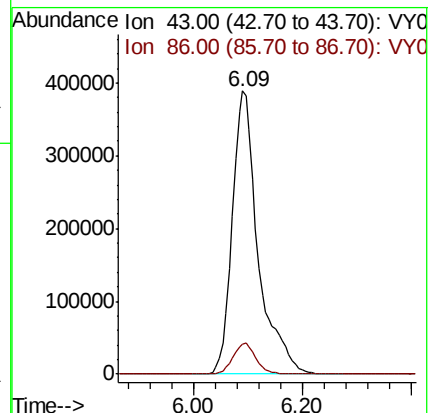
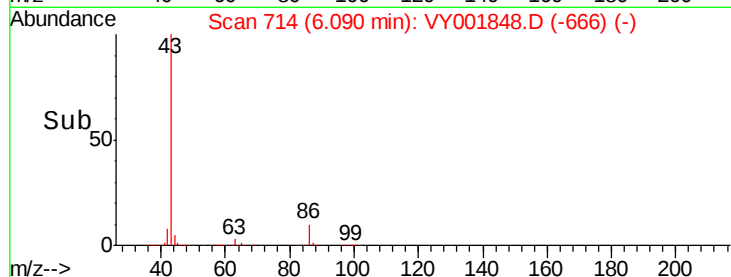
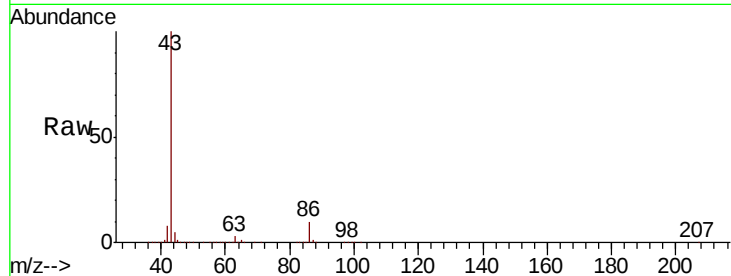
ICVY030420

Tot Ion: 43 Resp: 1286709

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 49.451 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

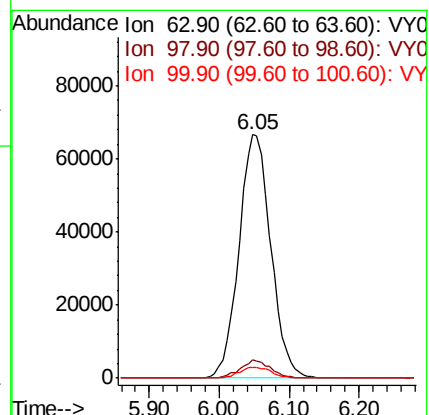
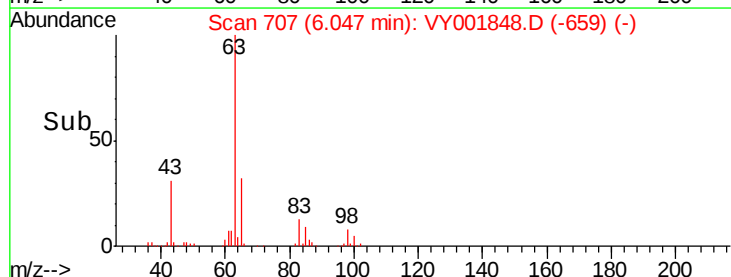
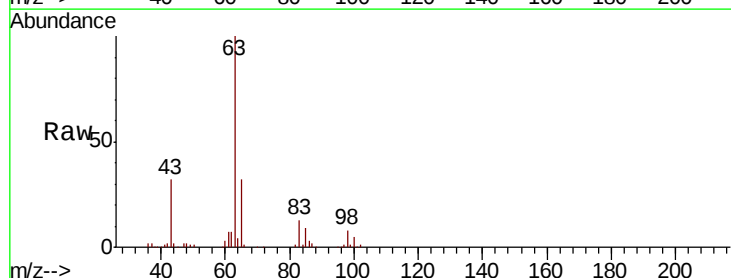
Tgt Ion: 63 Resp: 210430

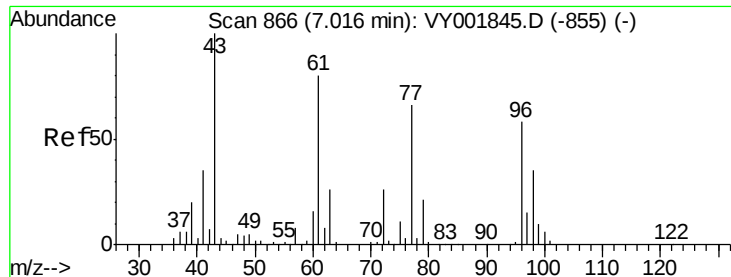
Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 262.936 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

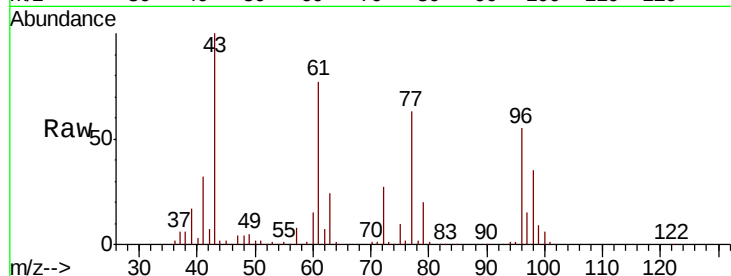
ICVY030420

Tot Ion: 43 Resp: 241809

Ion Ratio Lower Upper

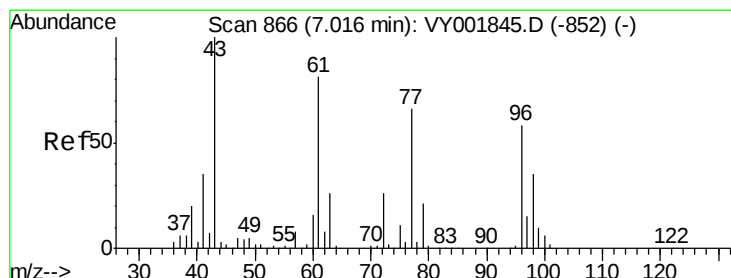
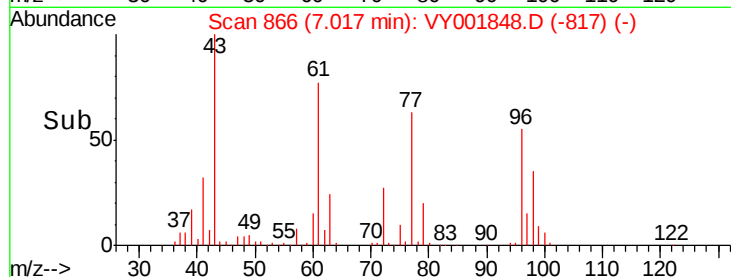
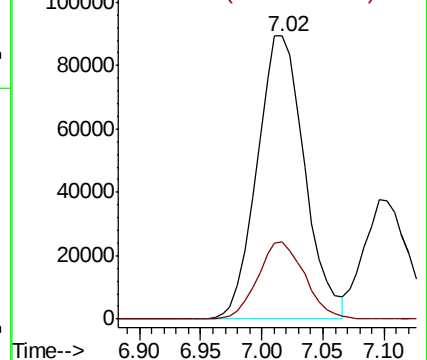
43 100

72 27.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 50.379 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001848.D

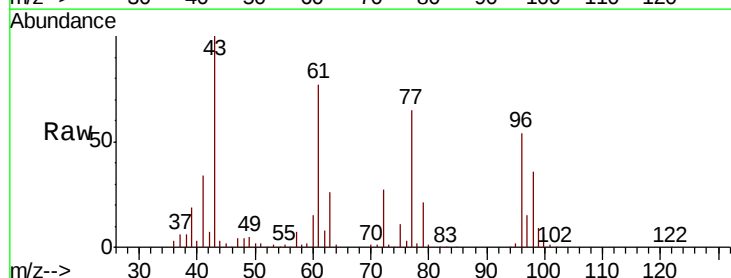
Acq: 04 Mar 2020 12:51

Tgt Ion: 77 Resp: 175956

Ion Ratio Lower Upper

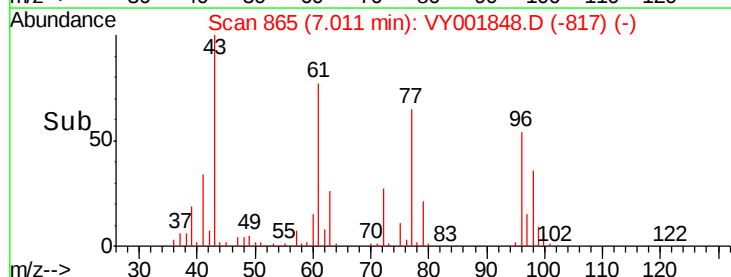
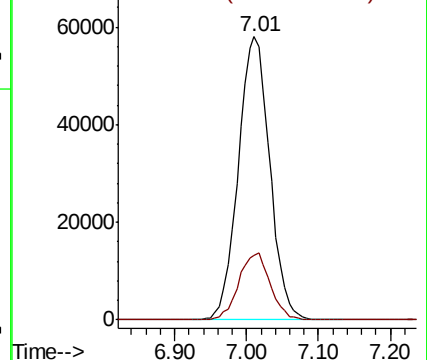
77 100

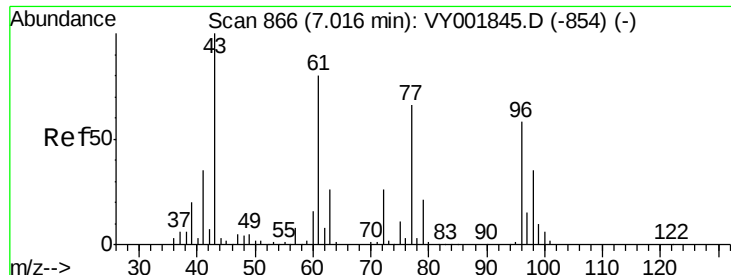
97 23.6 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



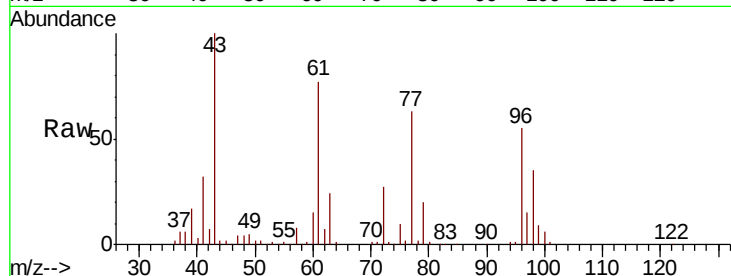


#27

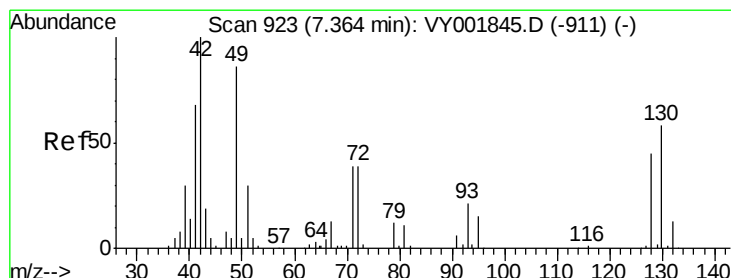
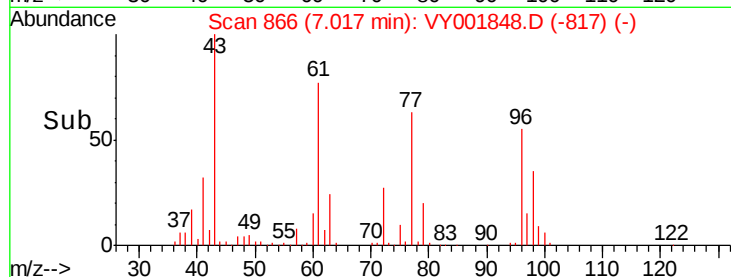
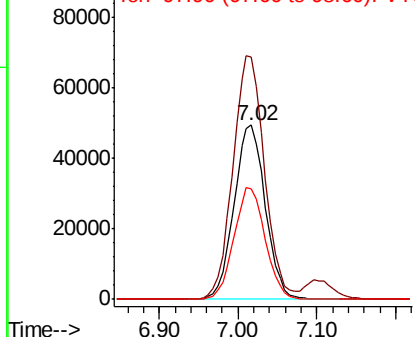
cis-1,2-Dichloroethene
Concen: 50.810 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

Tot Ion: 96 Resp: 135652
Ion Ratio Lower Upper
96 100
61 141.1 0.0 288.2
98 64.0 0.0 129.0



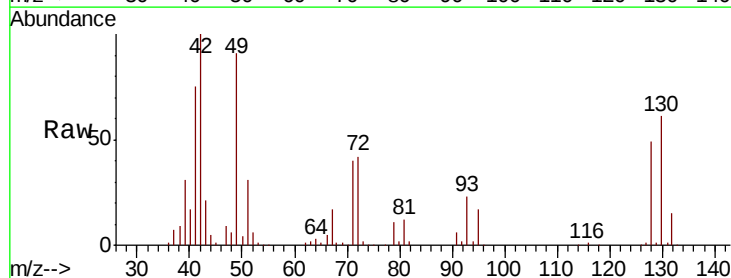
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



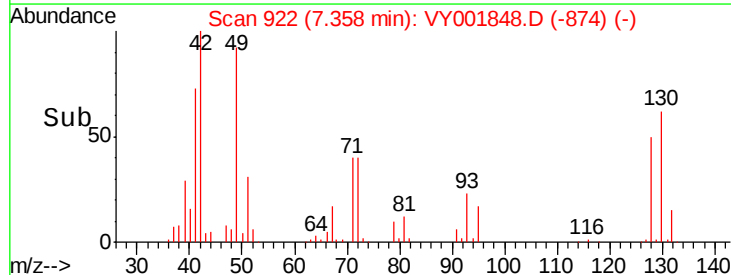
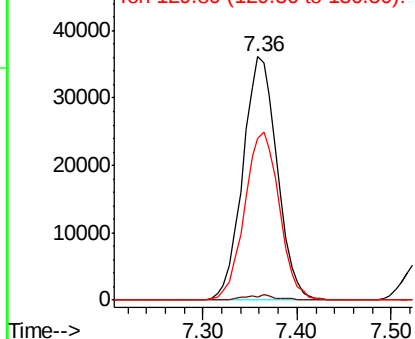
#28

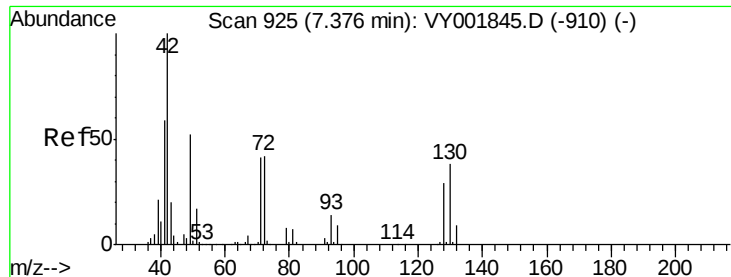
Bromochloromethane
Concen: 47.718 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 49 Resp: 91526
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 70.1 54.4 81.6



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

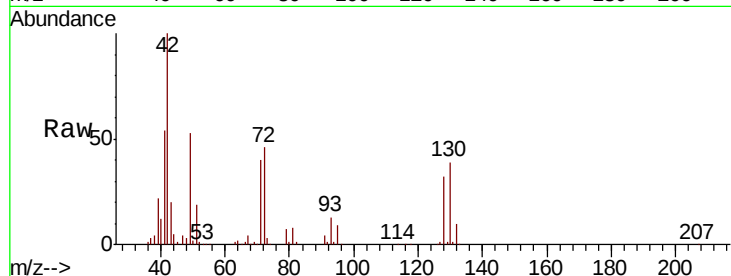




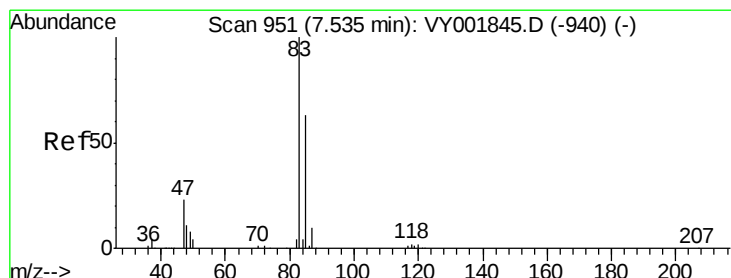
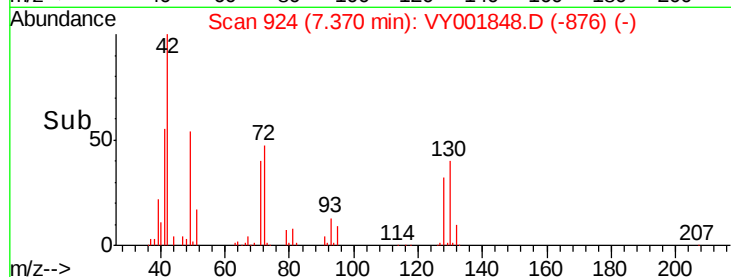
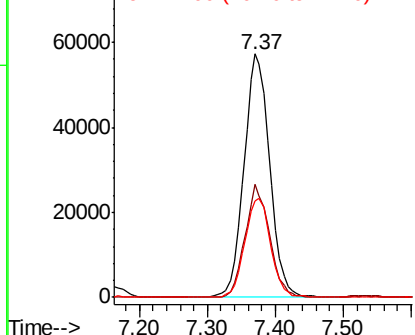
#29
Tetrahydrofuran
Concen: 245.927 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

Tot Ion: 42 Resp: 150189
Ion Ratio Lower Upper
42 100
72 44.2 33.5 50.3
71 40.9 31.3 46.9

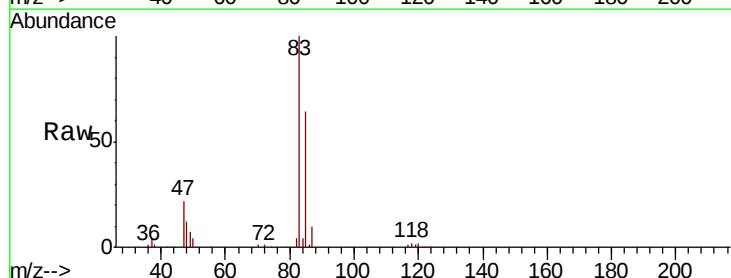


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

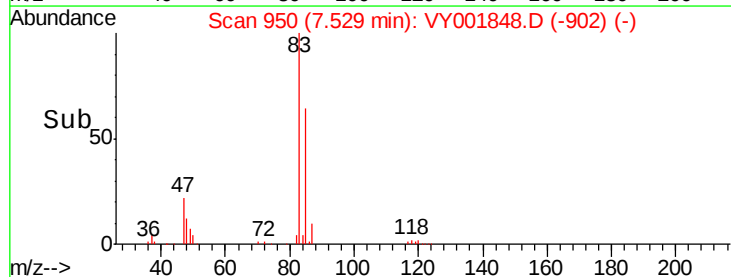
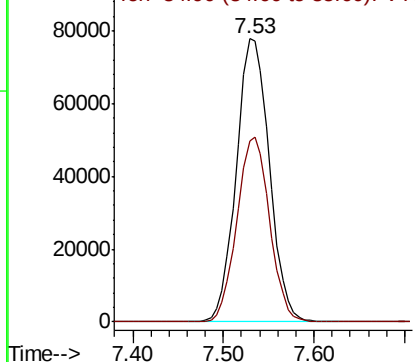


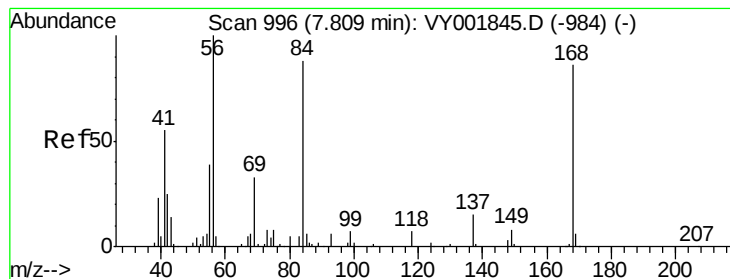
#30
Chloroform
Concen: 49.136 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 83 Resp: 196443
Ion Ratio Lower Upper
83 100
85 64.1 50.7 76.1



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





#31

Cyclohexane

Concen: 47.488 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

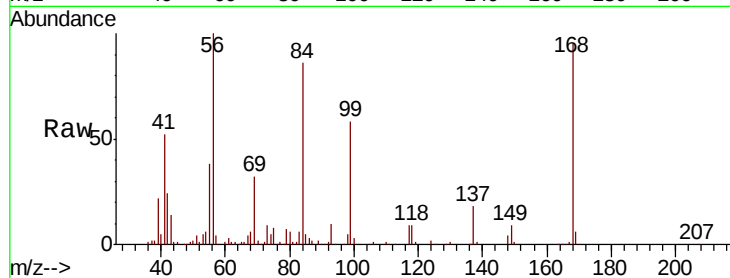
Tot Ion: 56 Resp: 216669

Ion Ratio Lower Upper

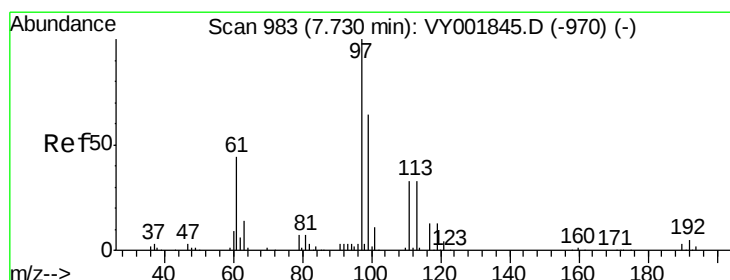
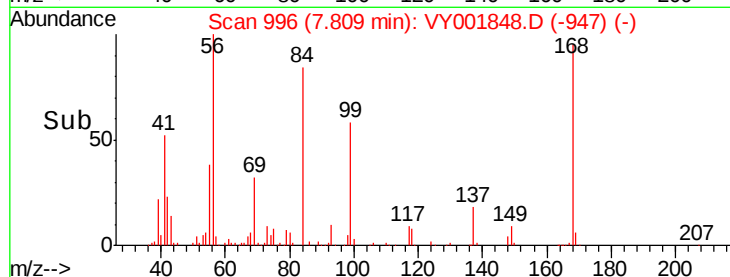
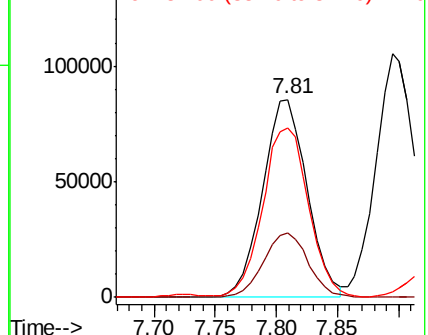
56 100

69 32.4 26.7 40.1

84 84.4 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 50.754 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

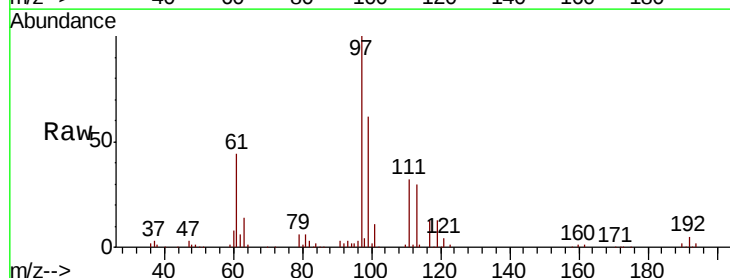
Tgt Ion: 97 Resp: 171024

Ion Ratio Lower Upper

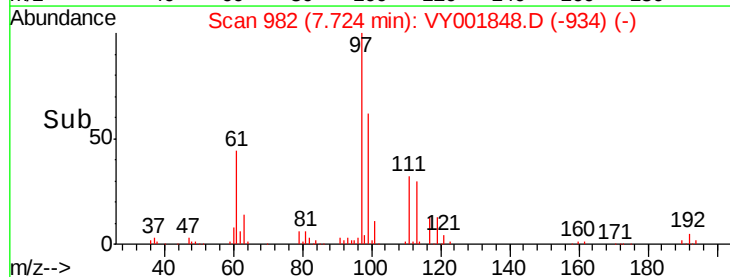
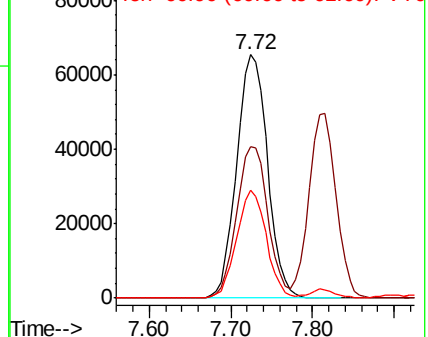
97 100

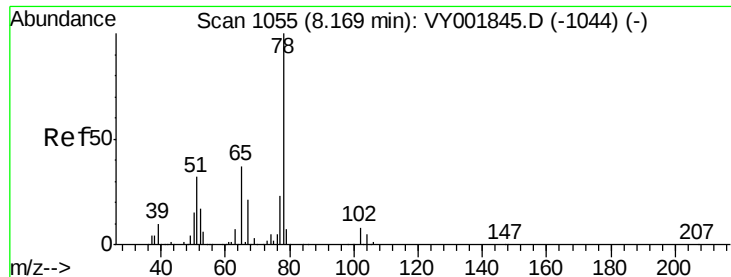
99 63.2 52.0 78.0

61 42.8 35.0 52.4



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

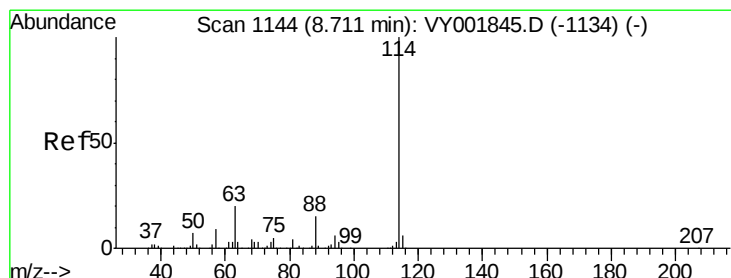
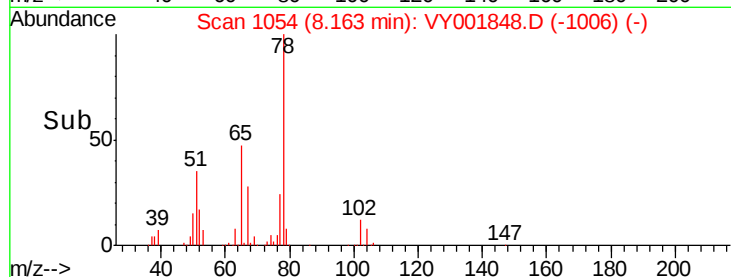
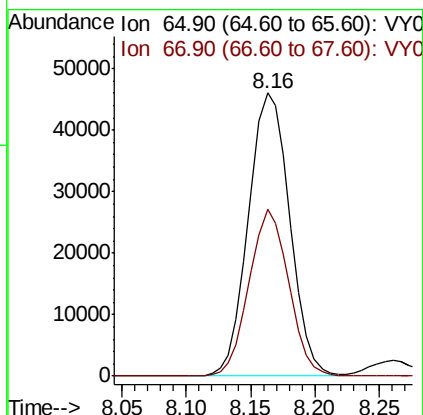
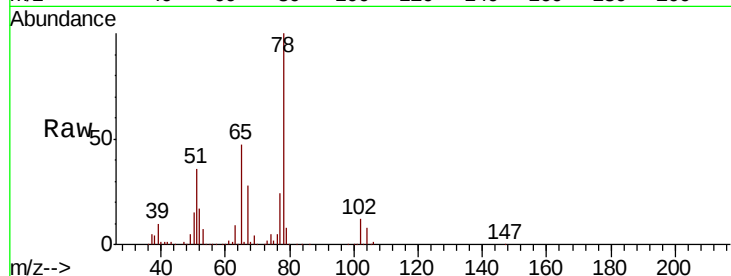




#33
 1,2-Dichloroethane-d4
 Concen: 49.348 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

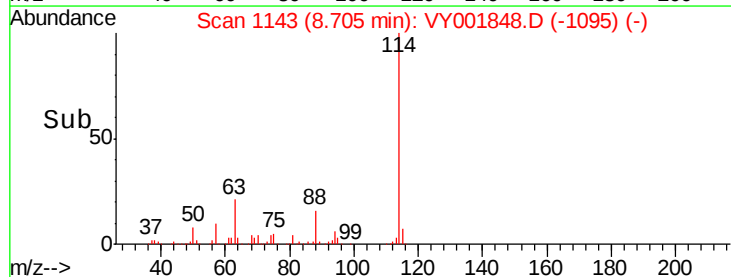
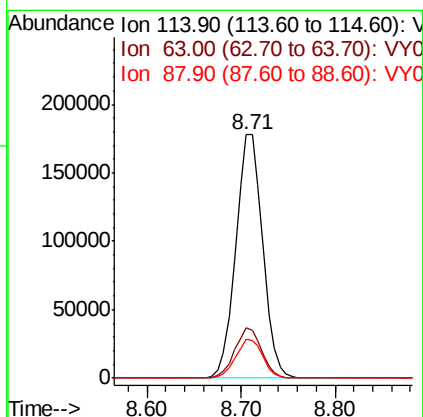
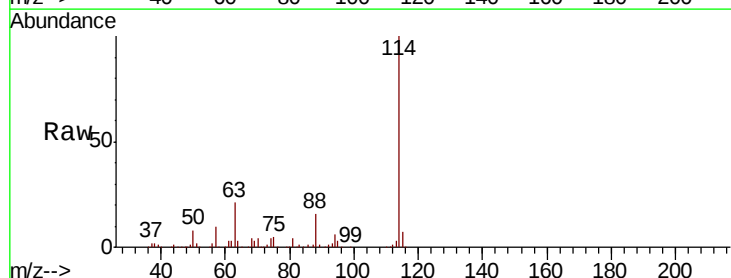
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030420

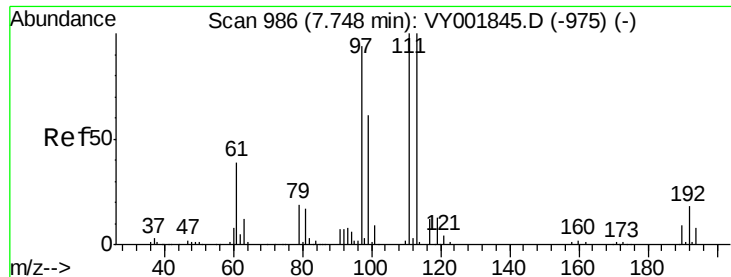
Tot Ion: 65 Resp: 102462
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

Tgt Ion: 114 Resp: 353162
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 15.8 0.0 30.4

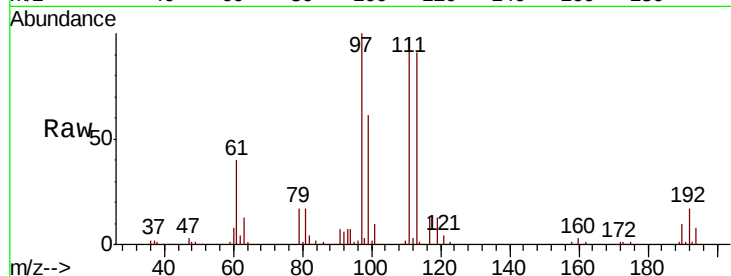




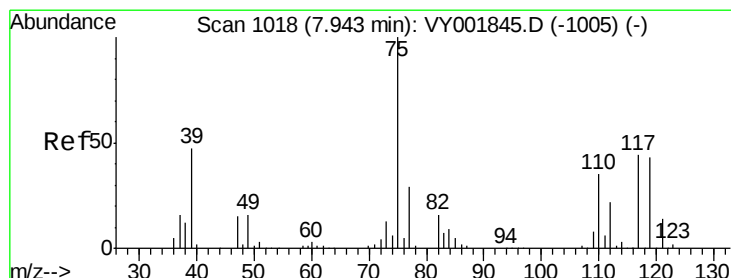
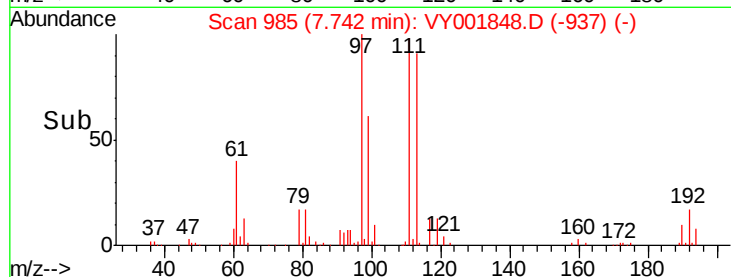
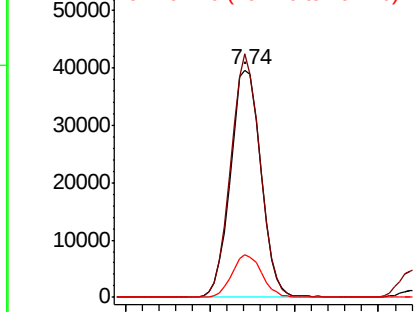
#35
Dibromofluoromethane
Concen: 50.439 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030420

Tot Ion:113 Resp: 97267
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 18.1 14.2 21.2

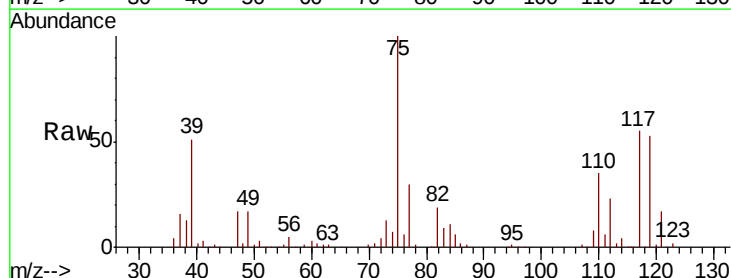


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

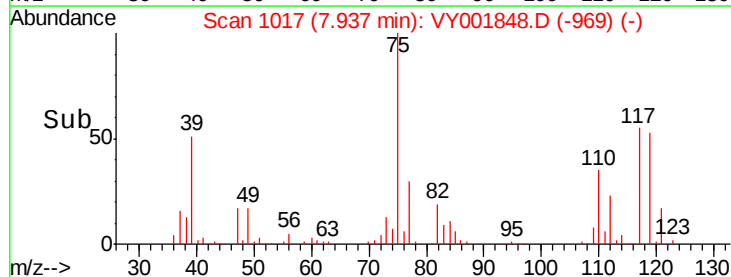
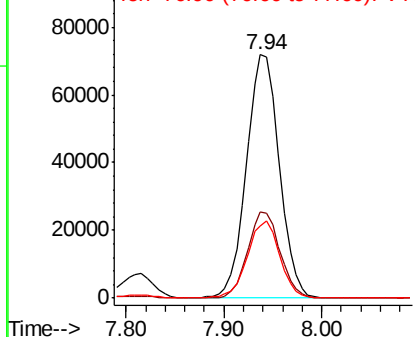


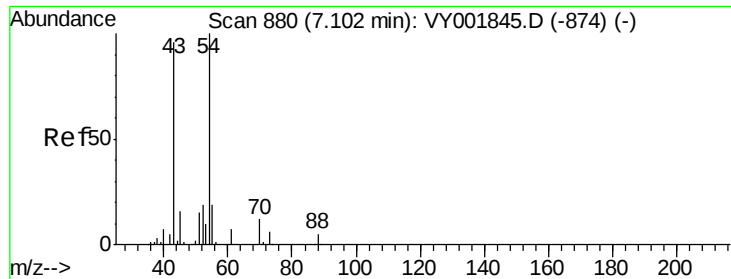
#36
1,1-Dichloropropene
Concen: 49.407 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 75 Resp: 167909
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 31.2 24.2 36.2



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

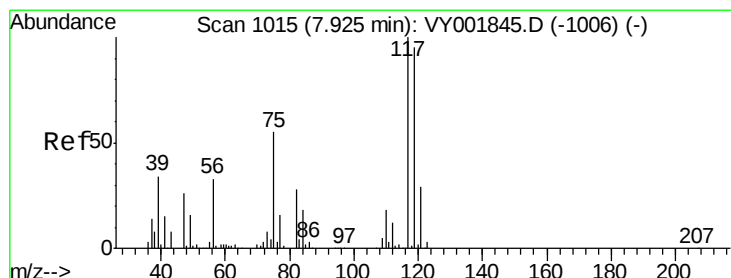
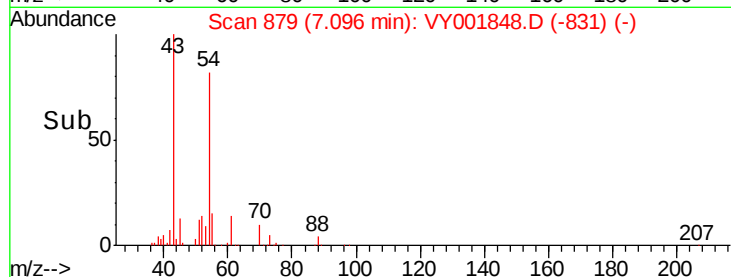
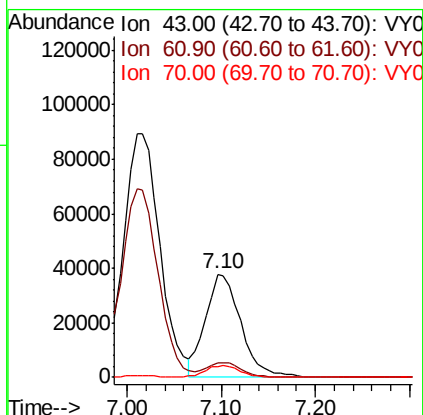
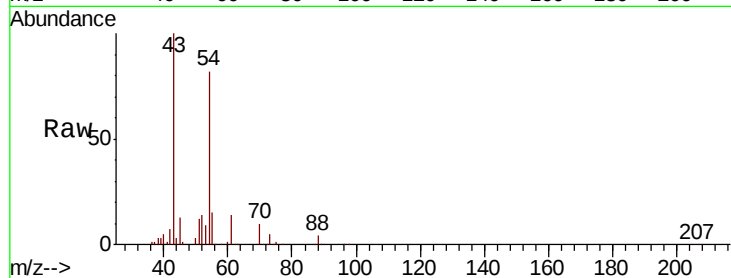




#37
Ethyl Acetate
Concen: 49.689 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

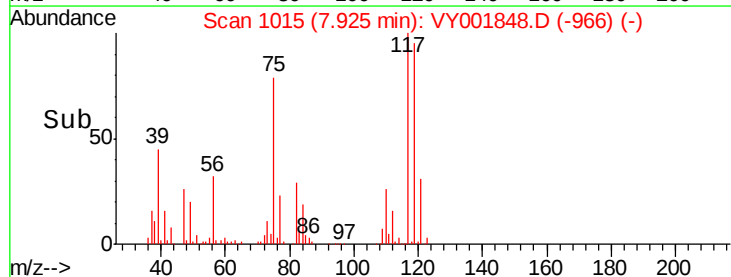
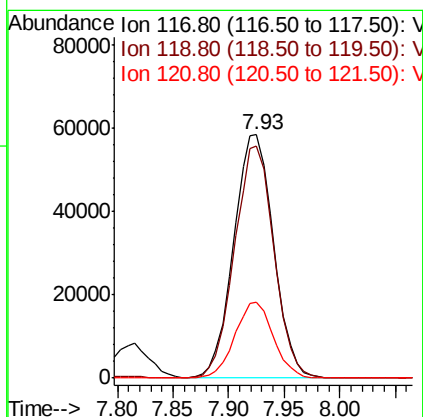
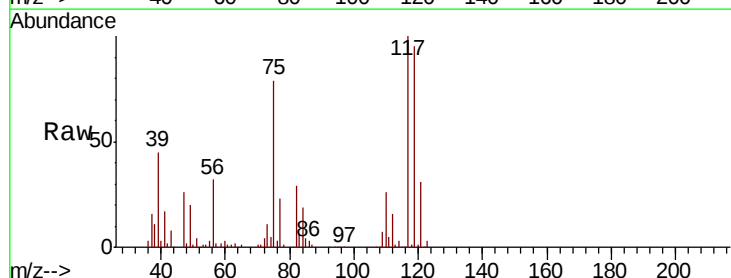
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

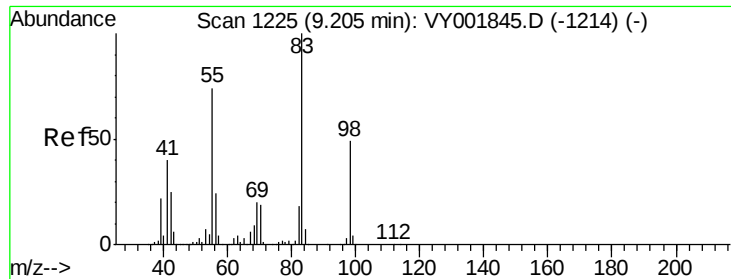
Tot Ion: 43 Resp: 98146
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 11.4 8.2 12.4



#38
Carbon Tetrachloride
Concen: 50.060 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 117 Resp: 145334
Ion Ratio Lower Upper
117 100
119 95.2 76.3 114.5
121 31.1 23.5 35.3

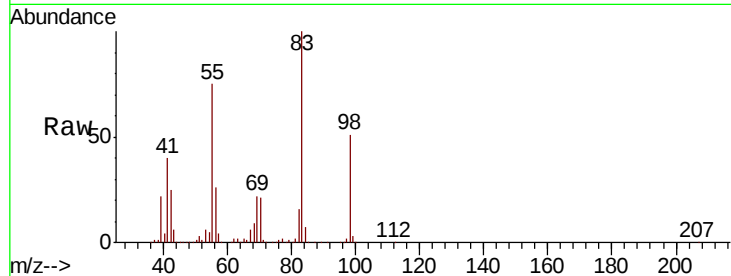




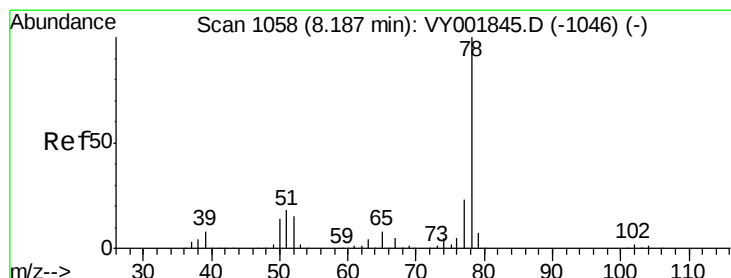
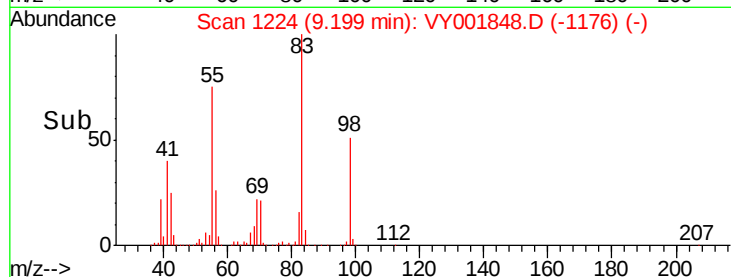
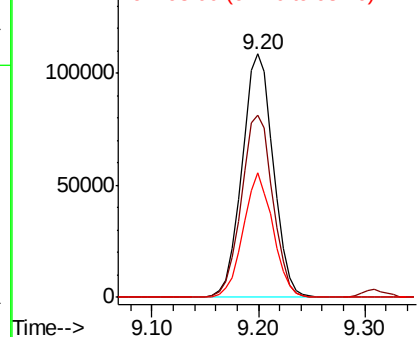
#39
Methvlcvclohexane
Concen: 49.514 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

Tot Ion: 83 Resp: 223184
Ion Ratio Lower Upper
83 100
55 75.0 59.4 89.0
98 51.2 38.9 58.3

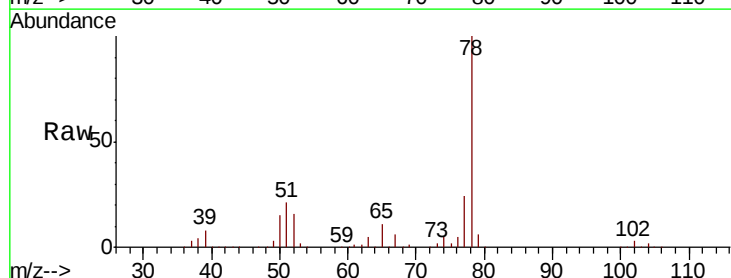


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

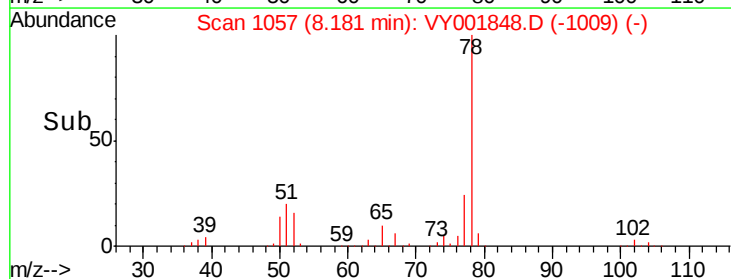
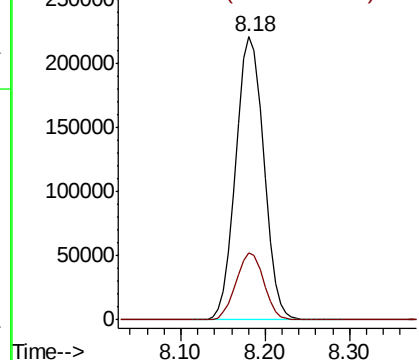


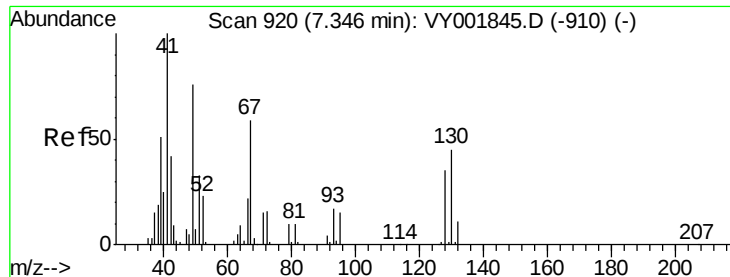
#40
Benzene
Concen: 49.396 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 78 Resp: 497577
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1



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

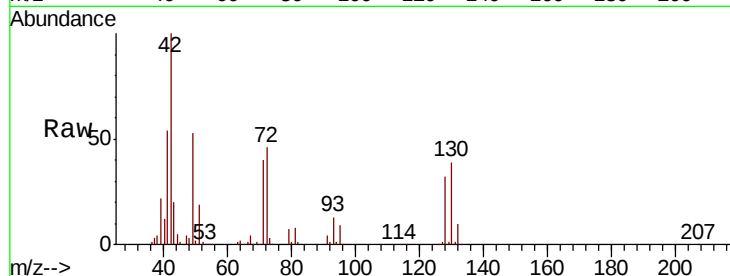




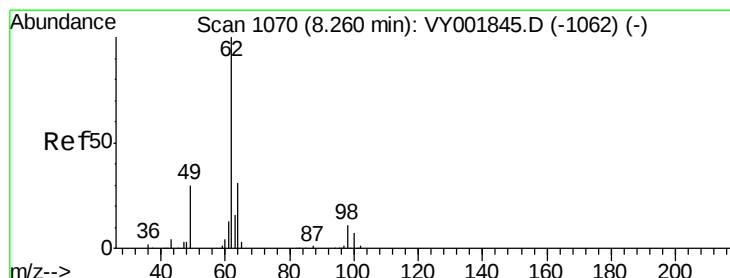
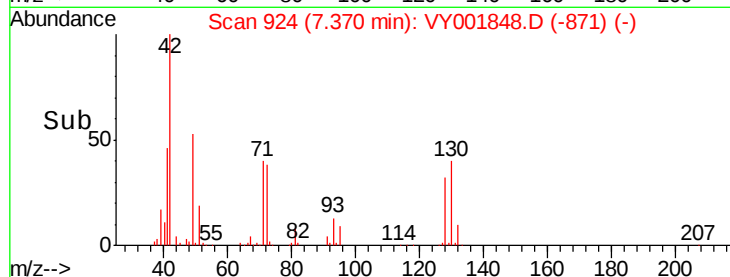
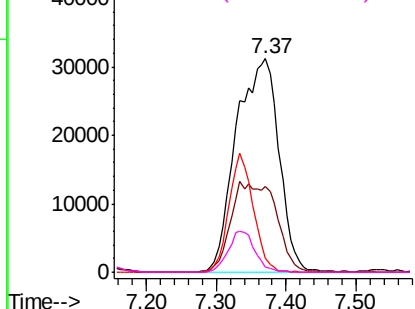
#41
Methacrylonitrile
Concen: 148.892 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

Tot Ion: 41 Resp: 132353
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

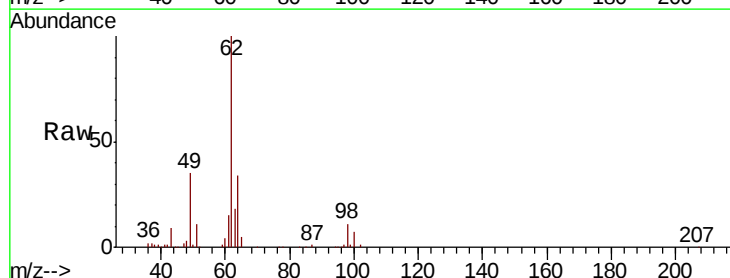


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

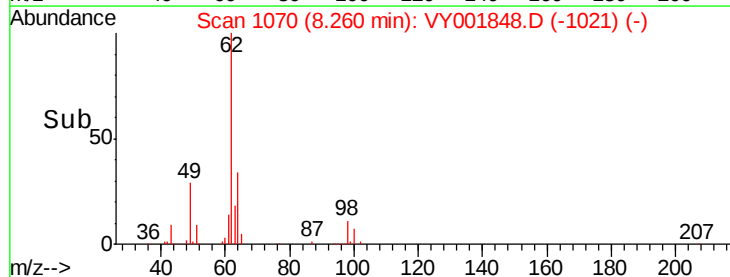
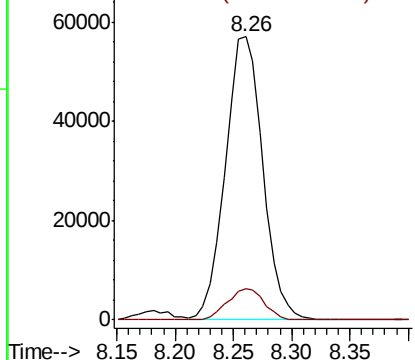


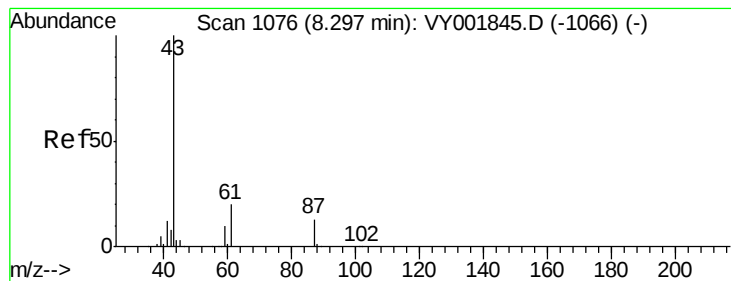
#42
1,2-Dichloroethane
Concen: 49.169 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 62 Resp: 127626
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.4



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



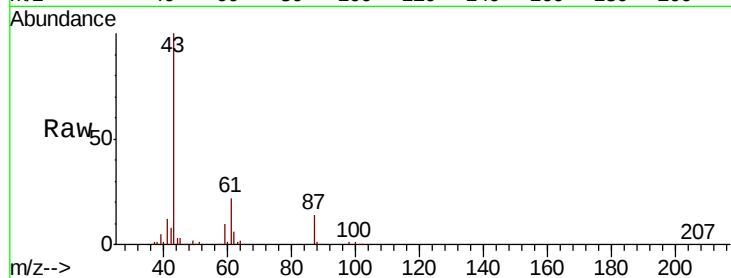


#43

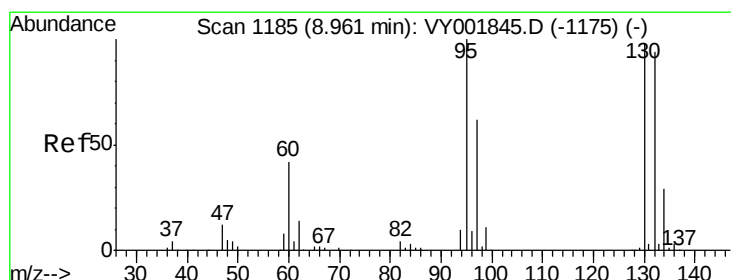
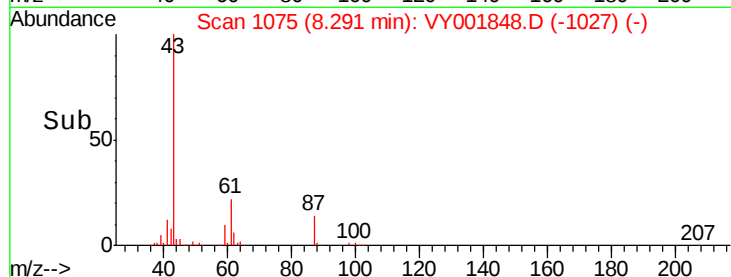
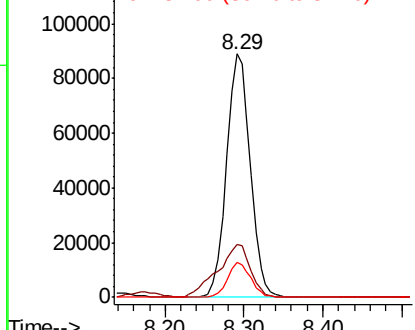
Isopropyl Acetate
 Concen: 49.803 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030420

Tot Ion	43	Resp	186243
Ion Ratio	Lower	Upper	
43	100		
61	29.8	23.8	35.6
87	13.8	10.9	16.3



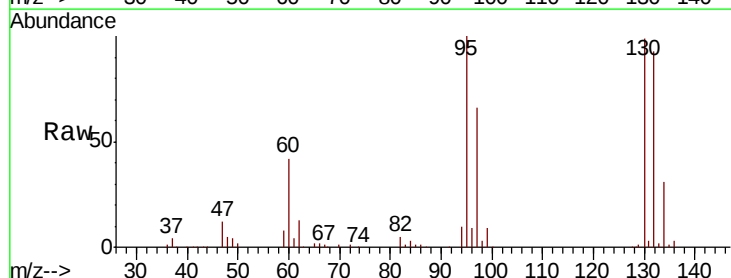
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



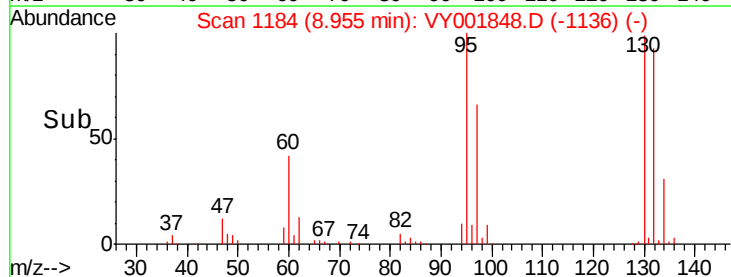
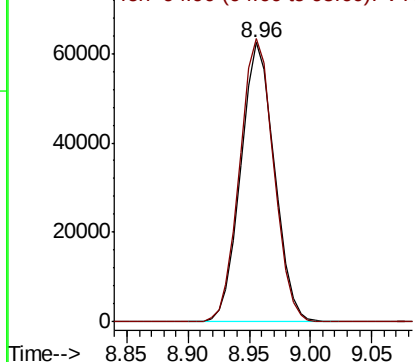
#44

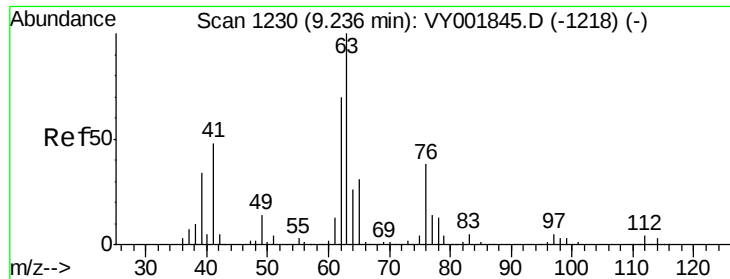
Trichloroethene
 Concen: 48.748 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

Tgt Ion	130	Resp	119590
Ion Ratio	Lower	Upper	
130	100		
95	101.5	0.0	204.6



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





#45

1,2-Dichloropropane

Concen: 49.577 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

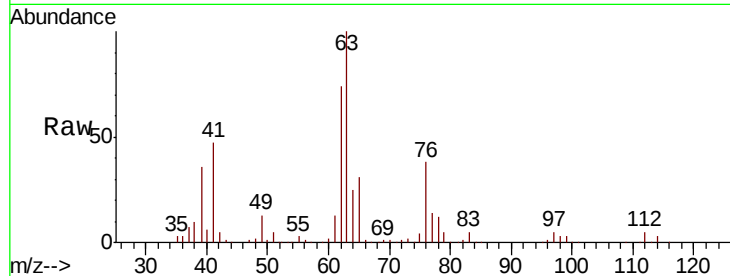
ICVY030420

Tot Ion: 63 Resp: 12538

Ion Ratio Lower Upper

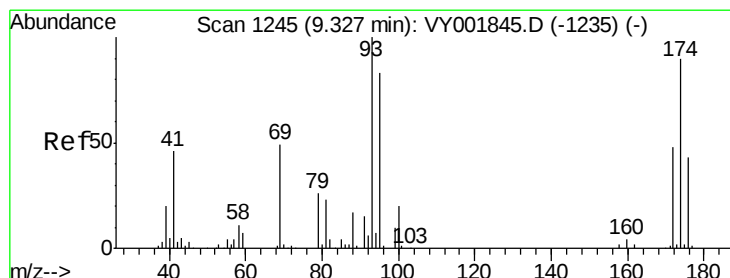
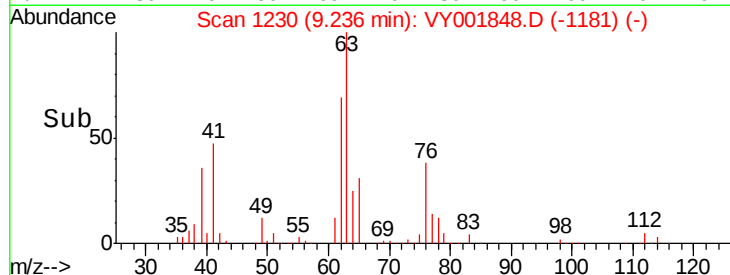
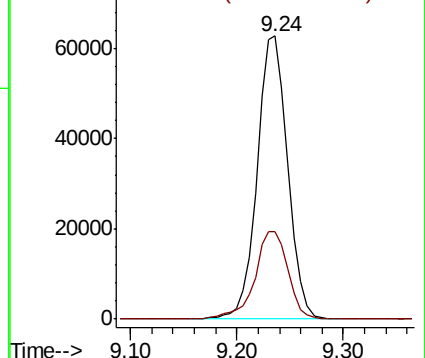
63 100

65 31.0 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 50.441 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

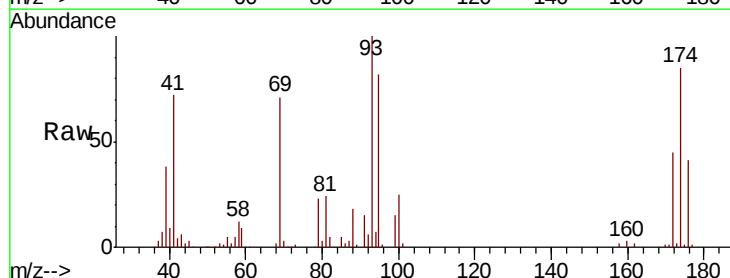
Tgt Ion: 93 Resp: 65821

Ion Ratio Lower Upper

93 100

95 81.4 67.0 100.4

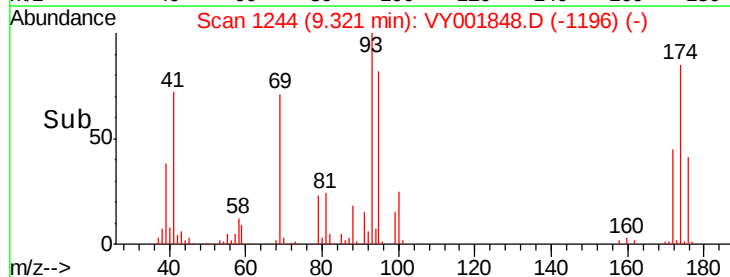
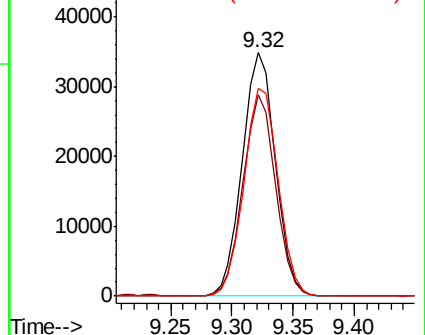
174 88.1 71.8 107.8

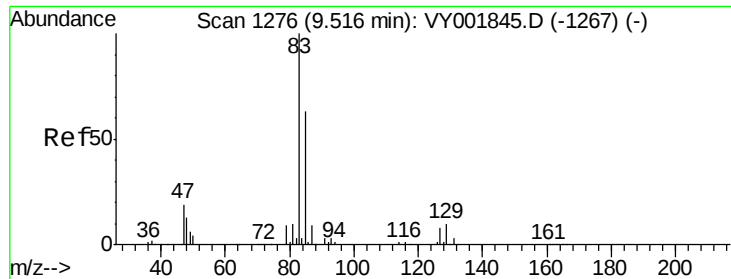


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

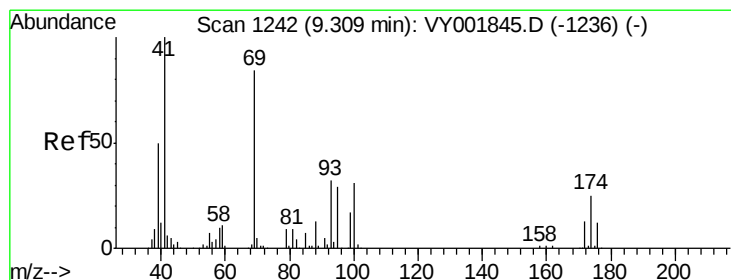
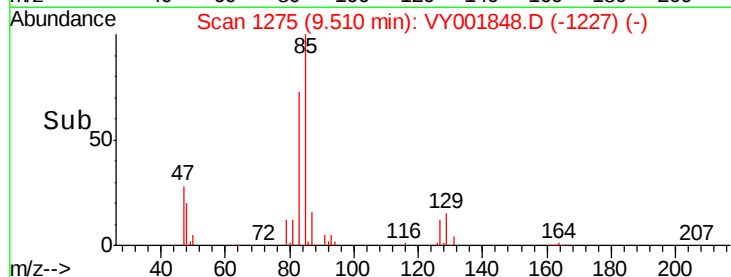
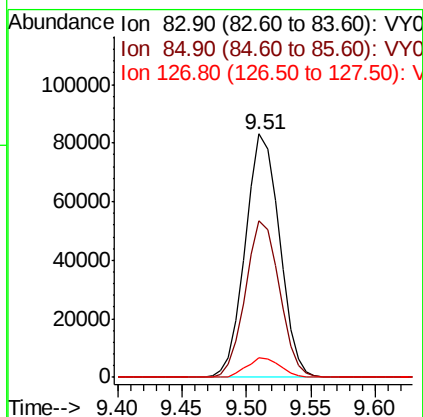
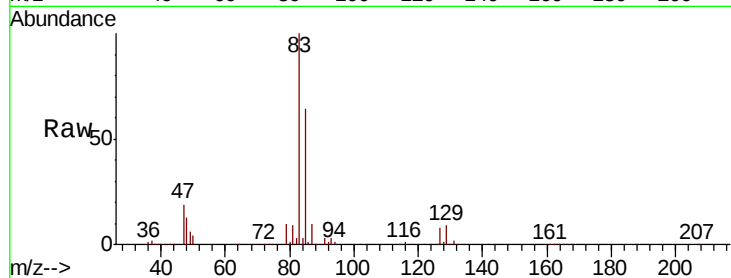




#47
 Bromodichloromethane
 Concen: 50.412 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

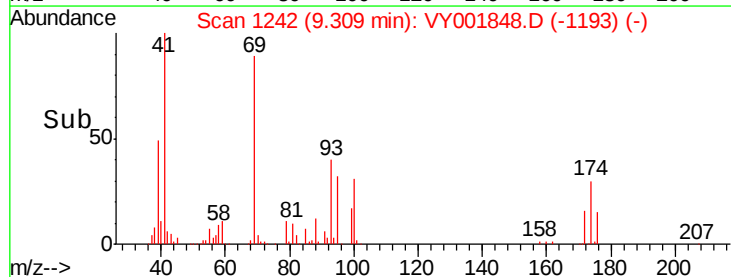
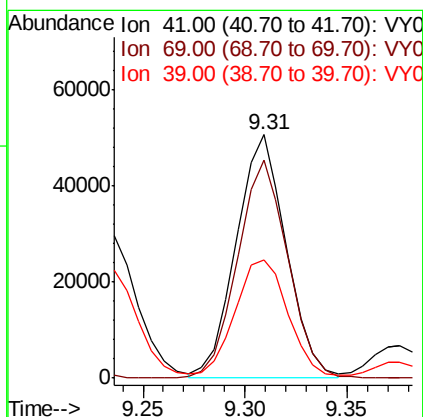
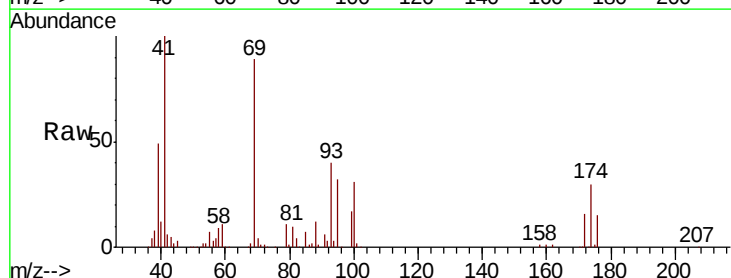
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030420

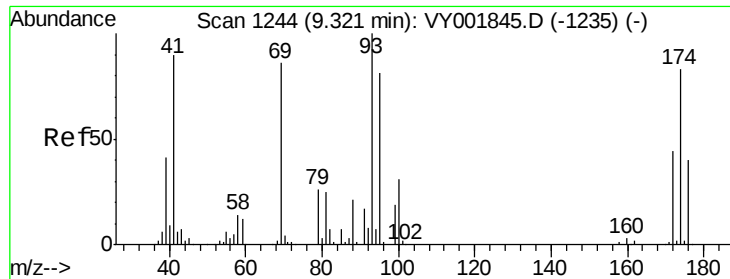
Tot Ion: 83 Resp: 153024
 Ion Ratio Lower Upper
 83 100
 85 64.3 50.6 76.0
 127 7.8 6.2 9.4



#48
 Methyl methacrylate
 Concen: 52.094 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

Tgt Ion: 41 Resp: 86444
 Ion Ratio Lower Upper
 41 100
 69 89.6 69.0 103.6
 39 49.8 39.1 58.7





#49

1,4-Dioxane

Concen: 1015.801 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

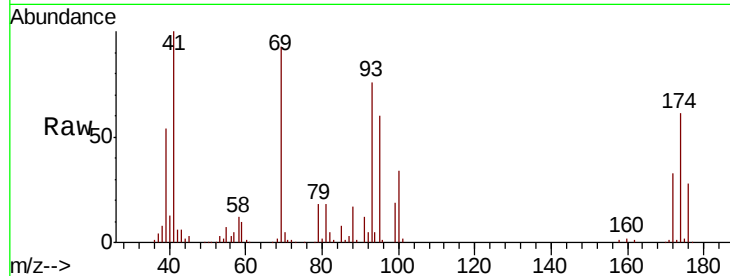
Tot Ion: 88 Resp: 18163

Ion Ratio Lower Upper

88 100

43 28.6 25.0 37.6

58 65.3 58.9 88.3

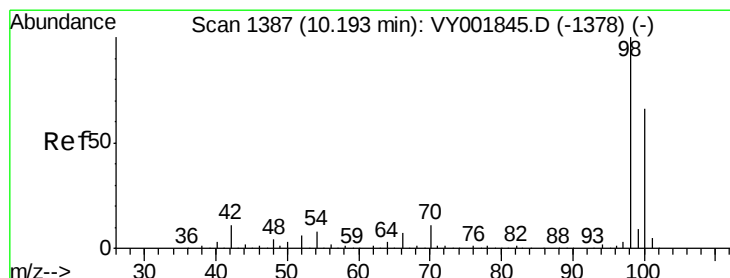
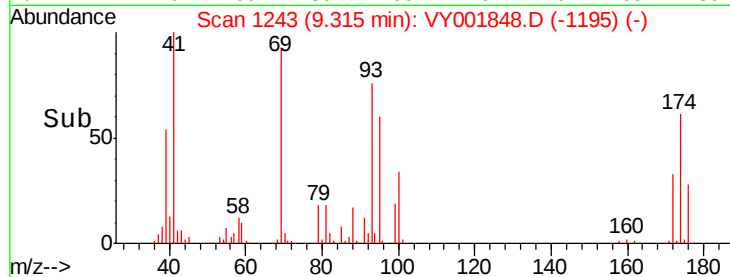
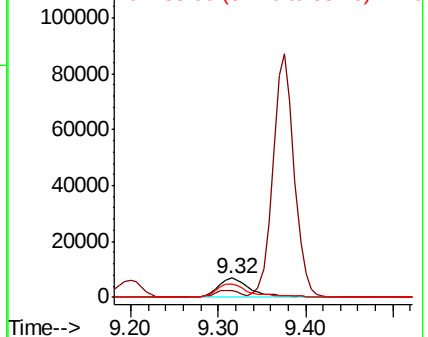


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 50.325 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001848.D

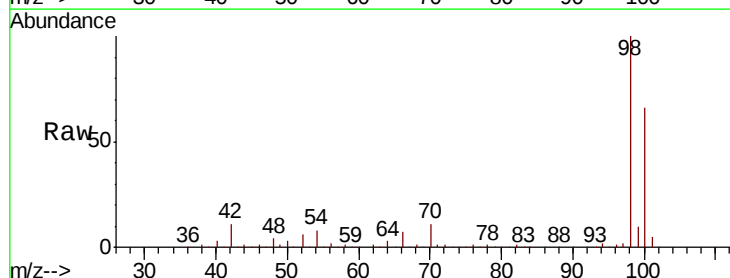
Acq: 04 Mar 2020 12:51

Tgt Ion: 98 Resp: 409238

Ion Ratio Lower Upper

98 100

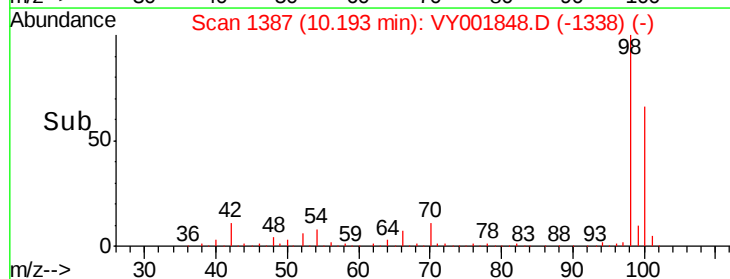
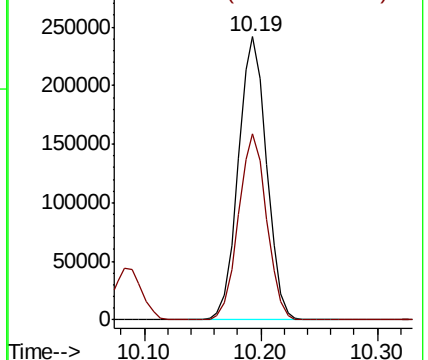
100 65.4 53.0 79.4

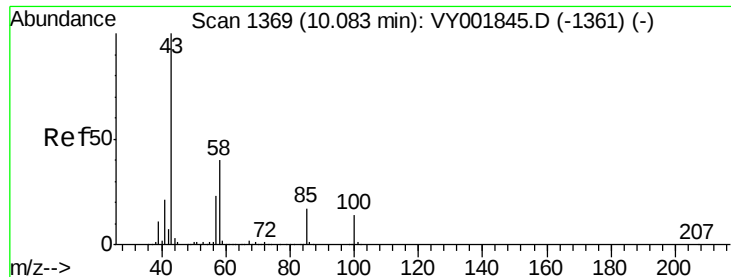


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 253.119 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

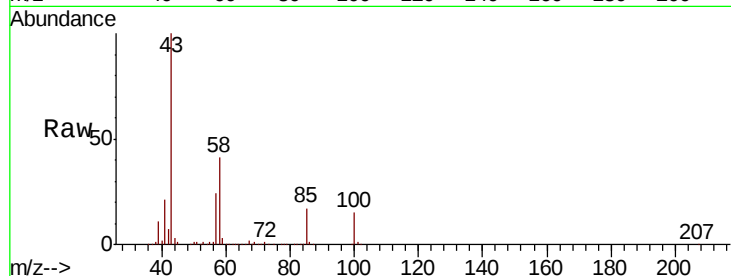
ICVY030420

Tot Ion: 43 Resp: 487551

Ion Ratio Lower Upper

43 100

58 40.9 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.08

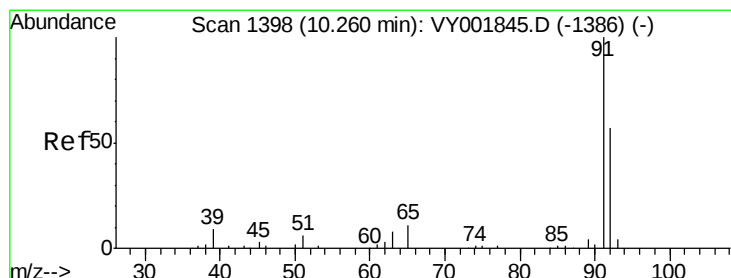
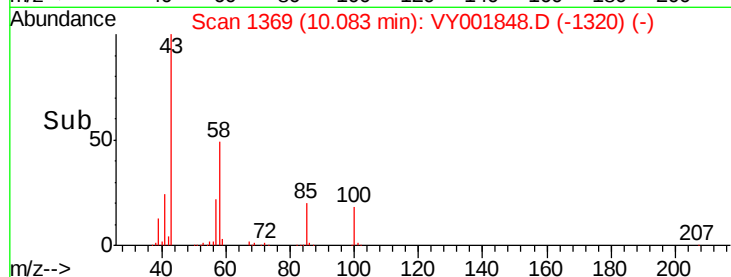
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.409 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001848.D

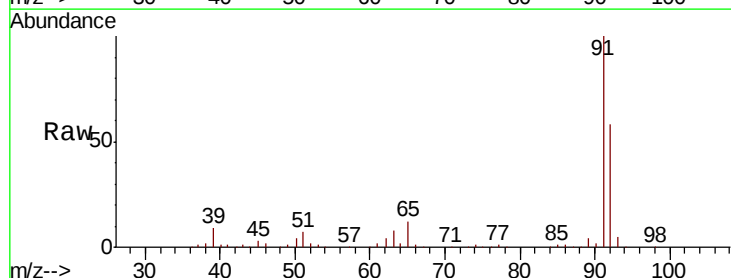
Acq: 04 Mar 2020 12:51

Tgt Ion: 92 Resp: 302347

Ion Ratio Lower Upper

92 100

91 173.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

10.25

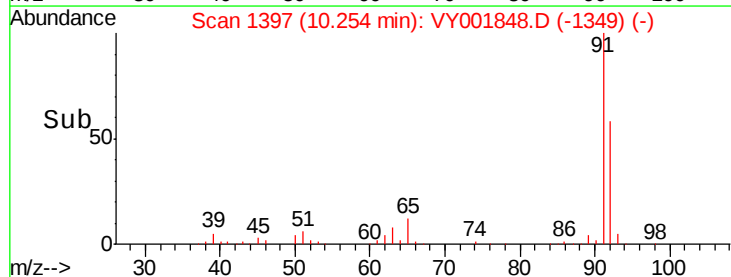
300000

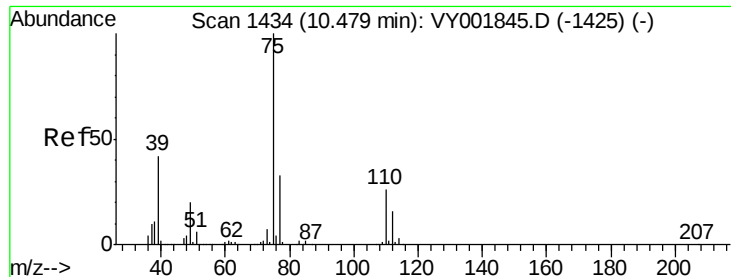
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.477 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

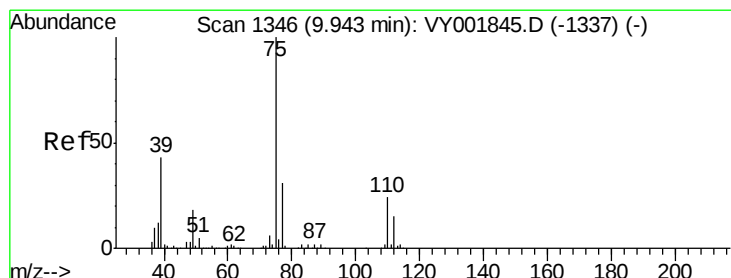
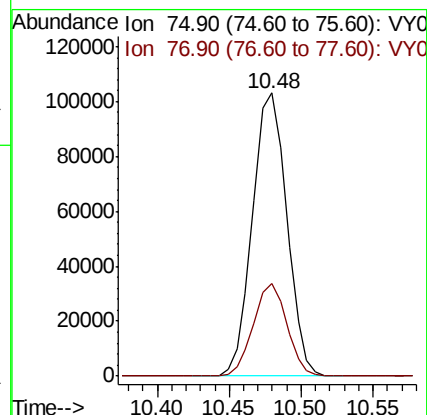
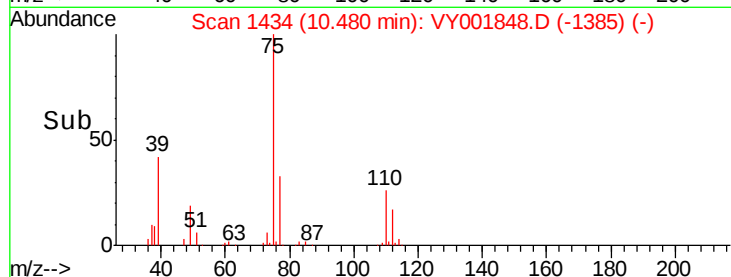
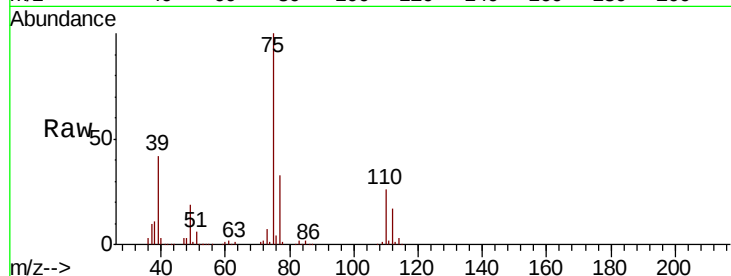
ICVY030420

Tot Ion: 75 Resp: 170240

Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 50.615 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

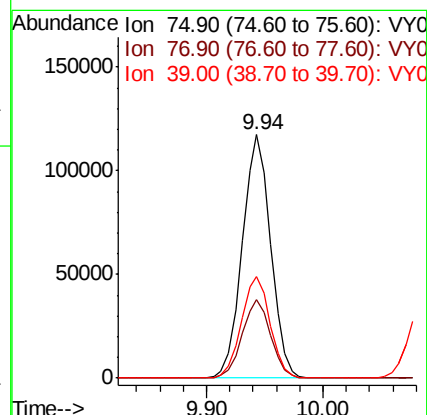
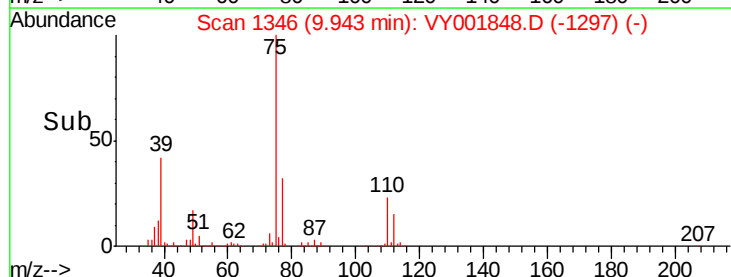
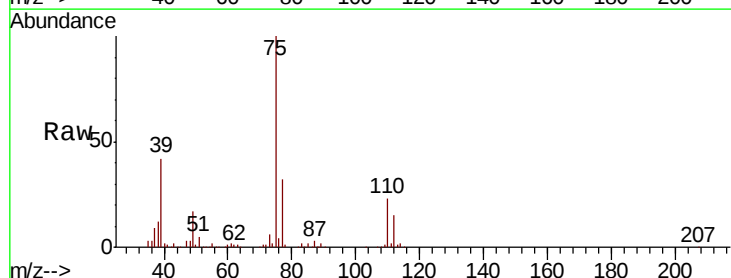
Tgt Ion: 75 Resp: 199270

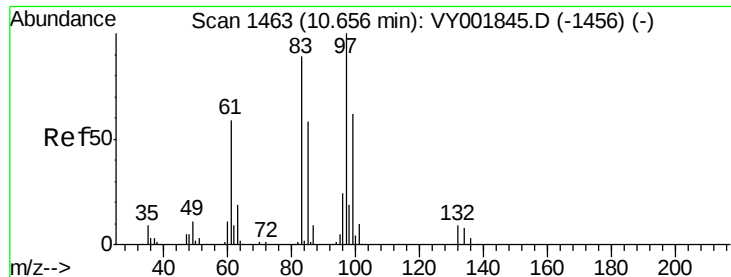
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 41.9 34.7 52.1

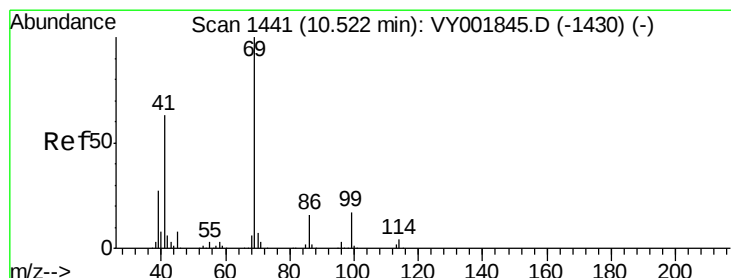
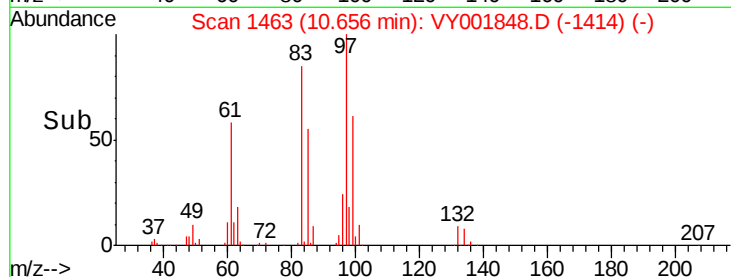
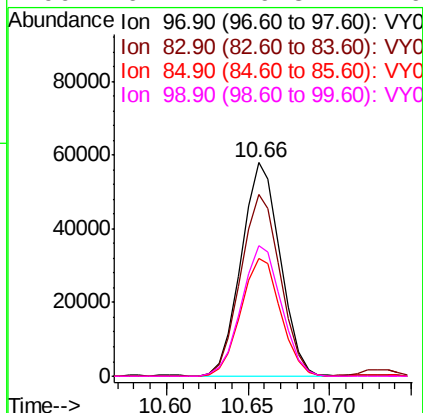
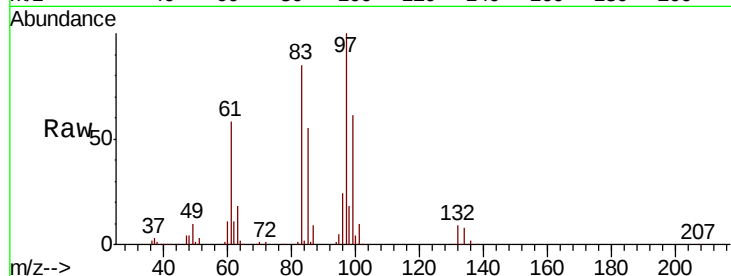




#55
 1,1,2-Trichloroethane
 Concen: 50.817 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

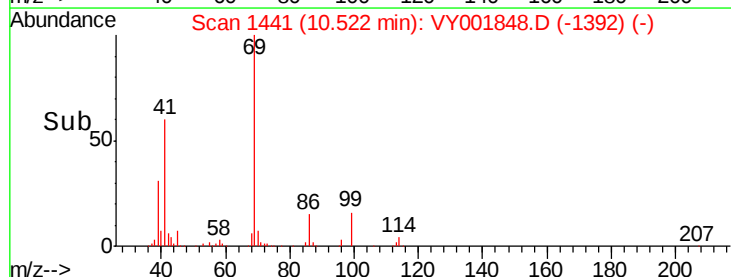
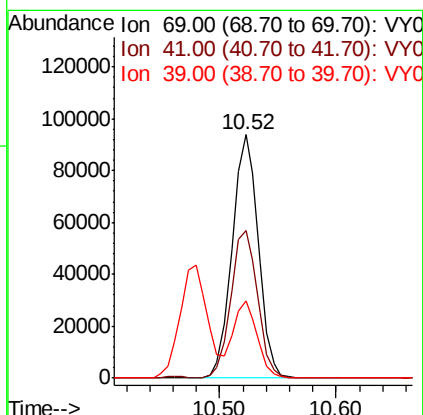
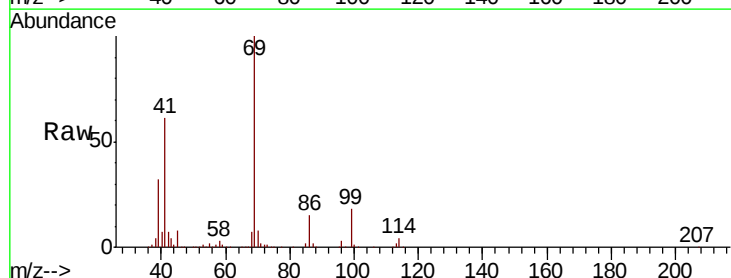
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030420

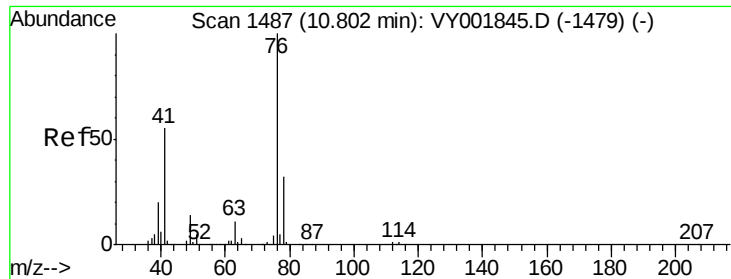
Tot Ion: 97 Resp: 97046
 Ion Ratio Lower Upper
 97 100
 83 85.1 71.6 107.4
 85 55.3 46.6 69.8
 99 61.4 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 52.340 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

Tgt Ion: 69 Resp: 146509
 Ion Ratio Lower Upper
 69 100
 41 61.5 49.9 74.9
 39 28.5 23.0 34.6





#57

1,3-Dichloropropane

Concen: 49.487 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

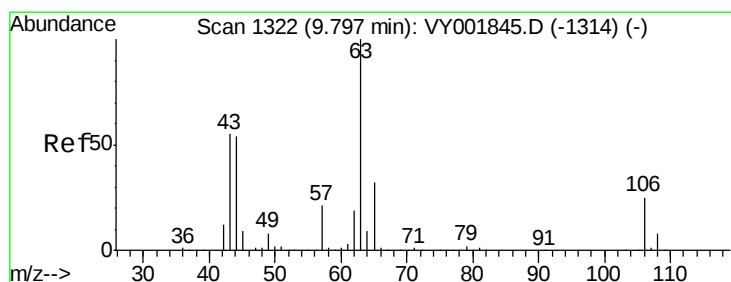
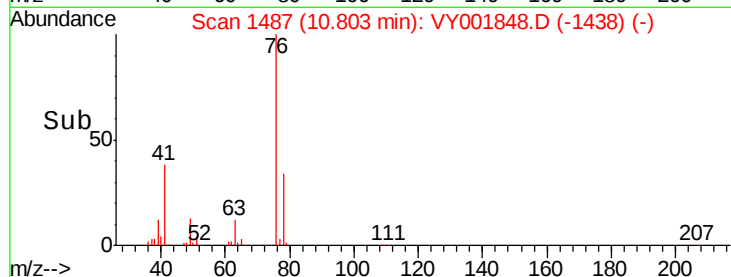
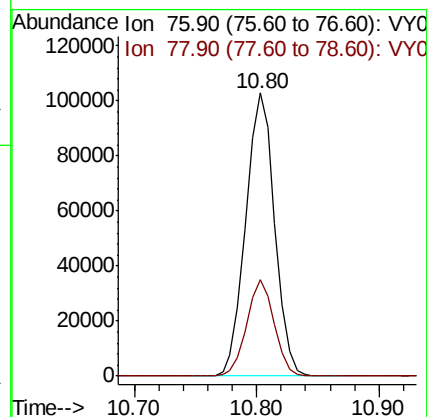
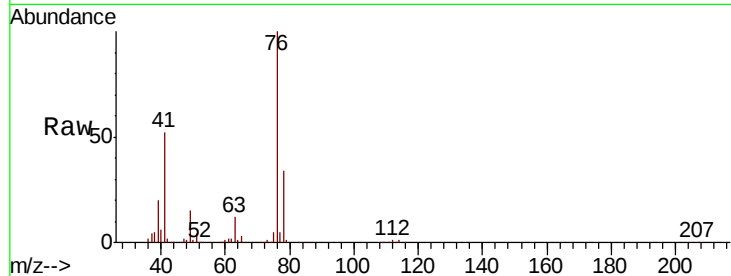
ICVY030420

Tot Ion: 76 Resp: 168460

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 241.694 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001848.D

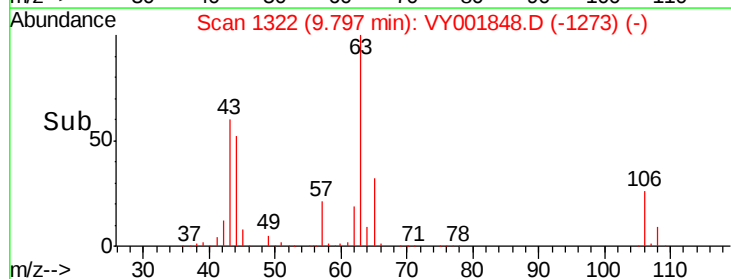
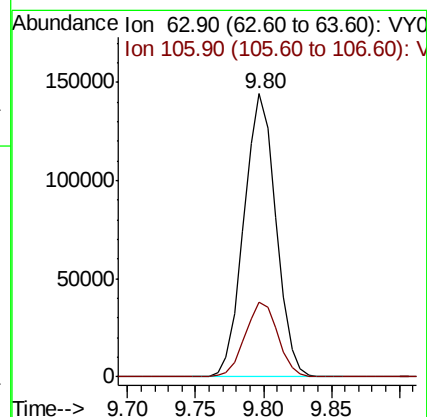
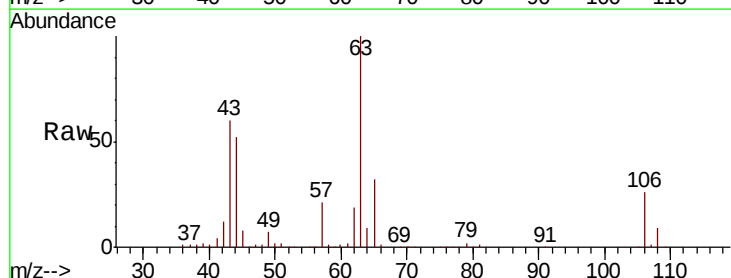
Acq: 04 Mar 2020 12:51

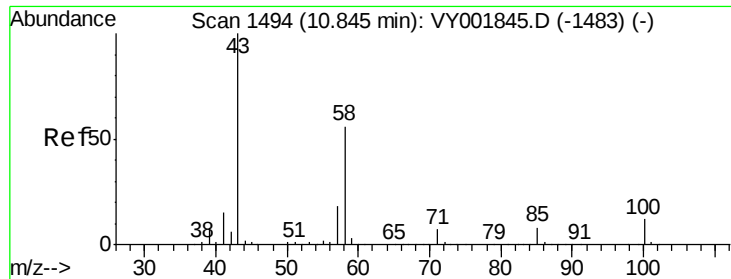
Tgt Ion: 63 Resp: 237551

Ion Ratio Lower Upper

63 100

106 27.0 21.3 31.9

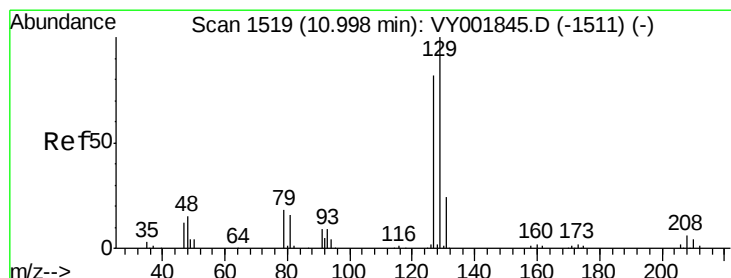
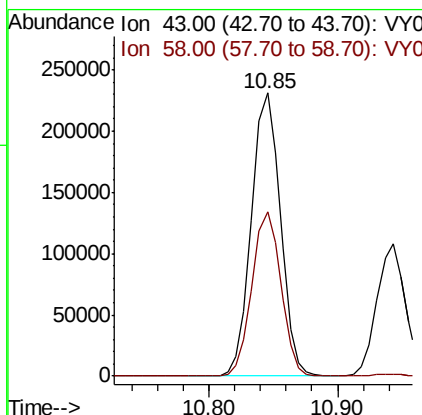
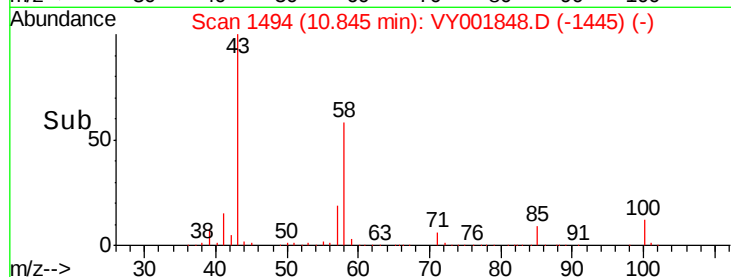
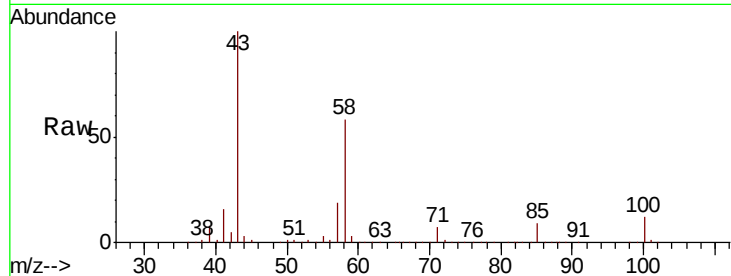




#59
2-Hexanone
Concen: 261.131 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

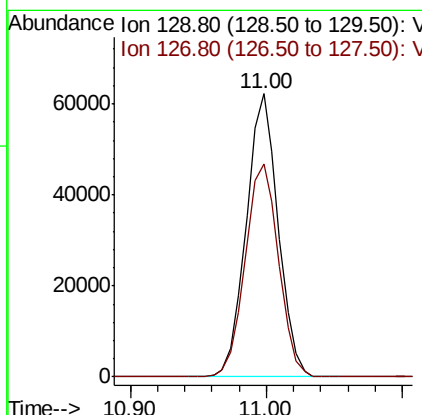
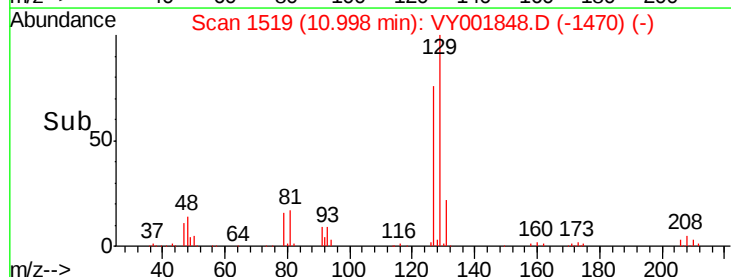
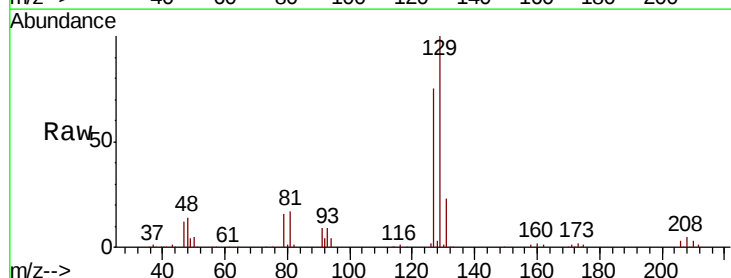
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

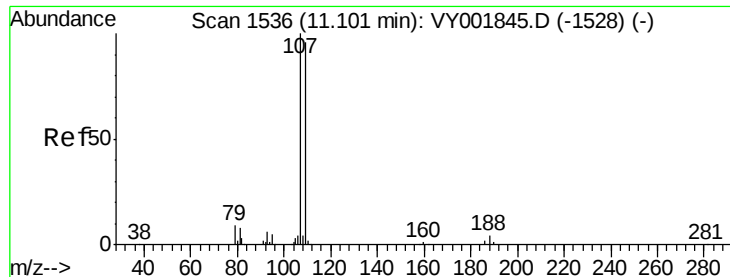
Tot Ion: 43 Resp: 359007
Ion Ratio Lower Upper
43 100
58 57.8 28.1 84.3



#60
Dibromochloromethane
Concen: 50.753 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 129 Resp: 102132
Ion Ratio Lower Upper
129 100
127 78.7 39.0 117.0

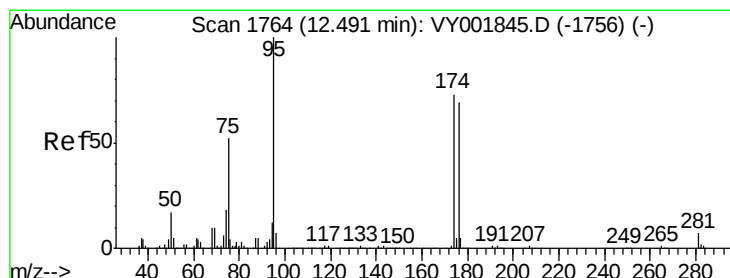
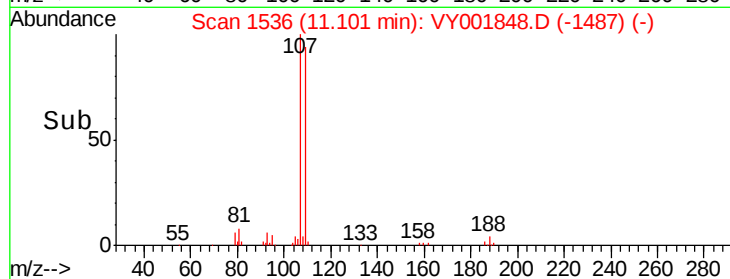
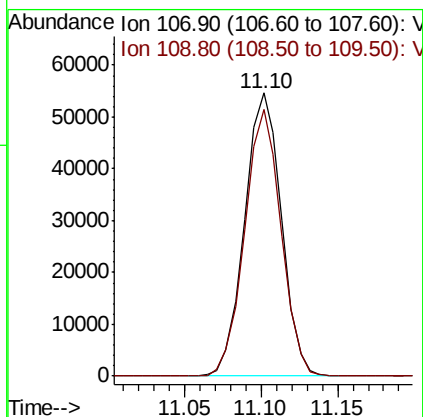
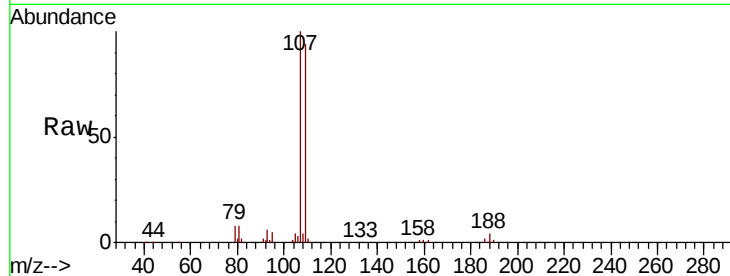




#61
 1,2-Dibromoethane
 Concen: 50.476 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

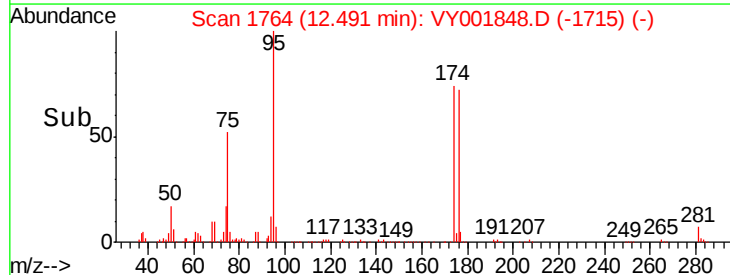
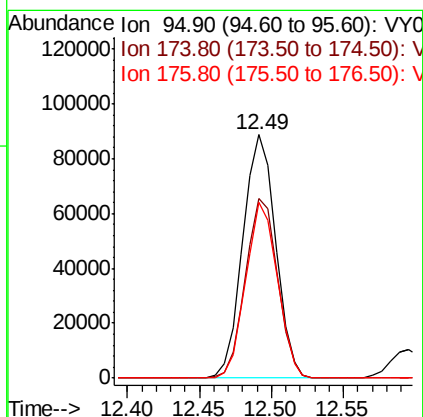
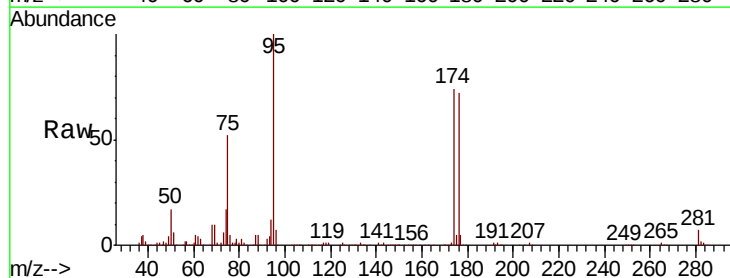
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030420

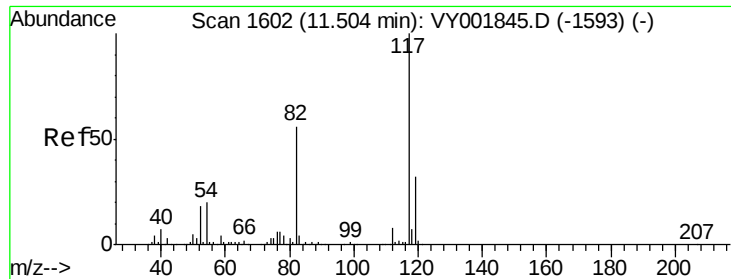
Tot Ion: 107 Resp: 91309
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.425 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

Tgt Ion: 95 Resp: 139750
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 145.0
 176 69.8 0.0 137.4

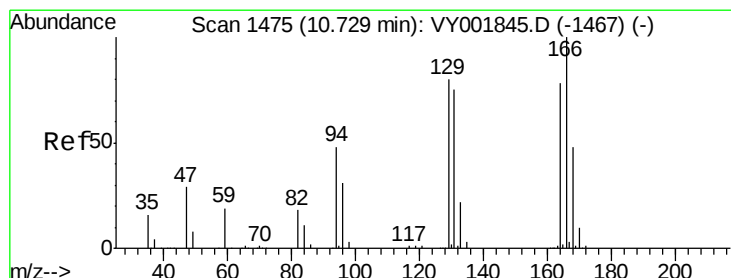
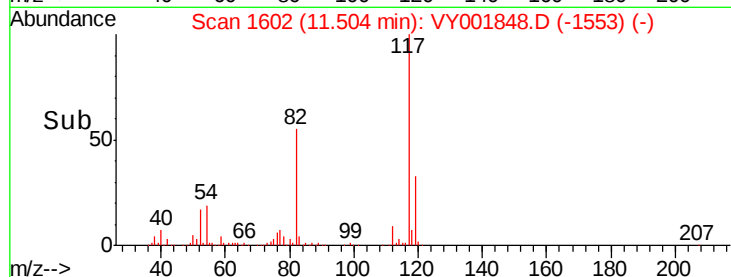
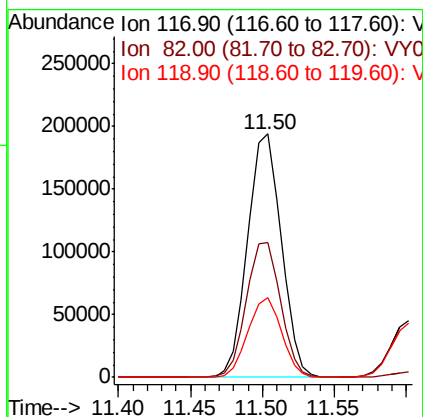
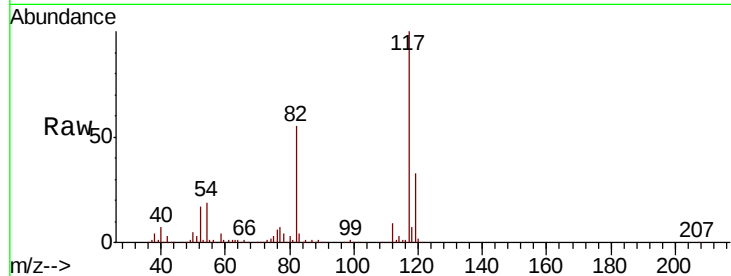




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

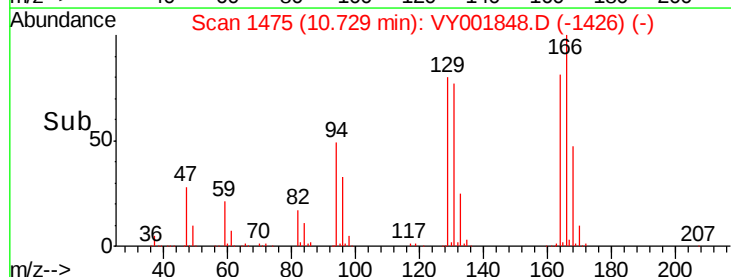
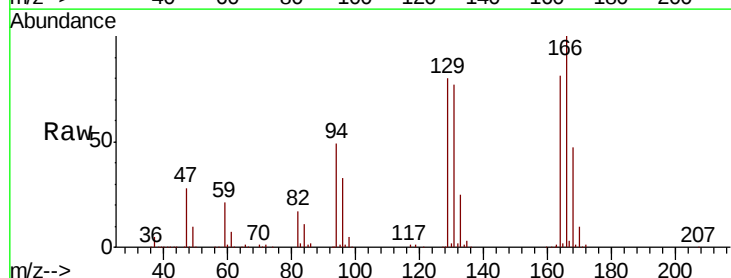
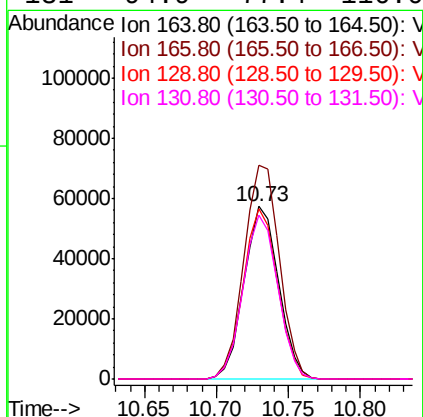
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY030420

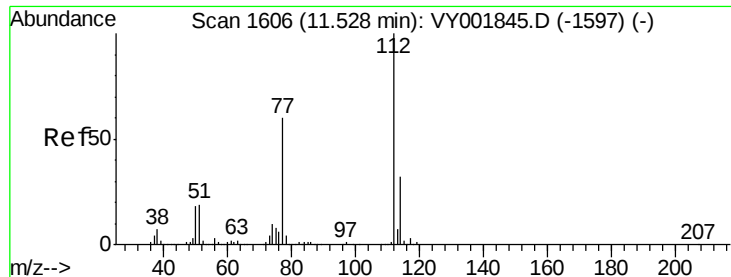
Tot Ion:117 Resp: 314733
Ion Ratio Lower Upper
117 100
82 55.3 44.5 66.7
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 48.277 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion:164 Resp: 95287
Ion Ratio Lower Upper
164 100
166 123.7 102.6 154.0
129 98.6 82.3 123.5
131 94.9 77.4 116.0





#65

Chlorobenzene

Concen: 49.583 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

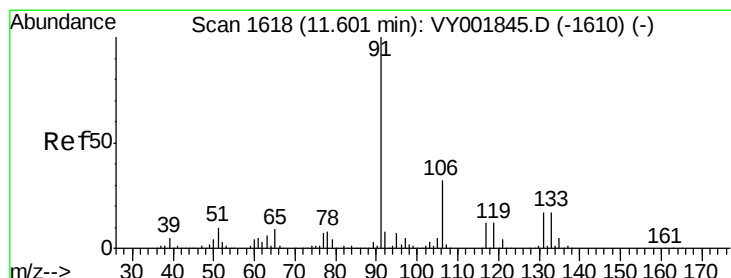
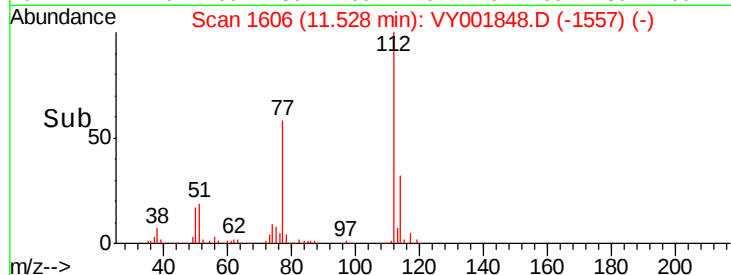
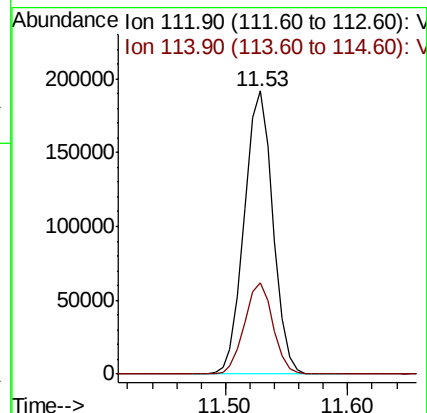
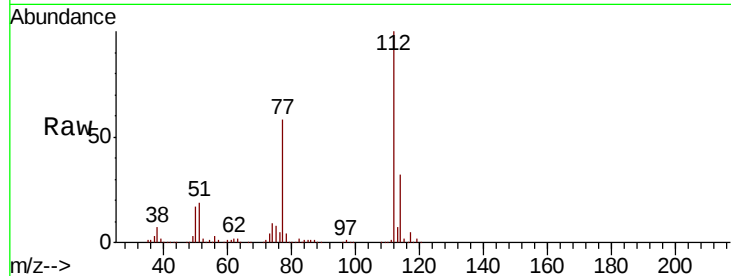
ICVVY030420

Tot Ion:112 Resp: 310946

Ion Ratio Lower Upper

112 100

114 32.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 50.286 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

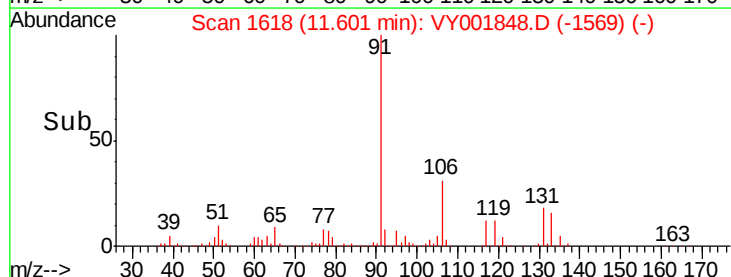
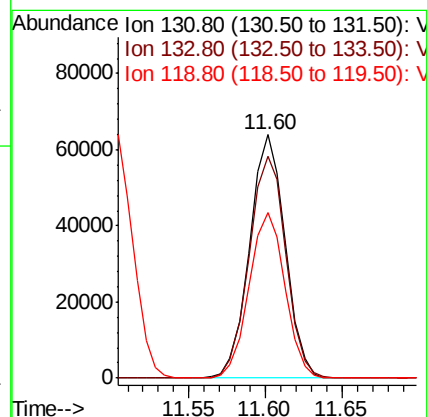
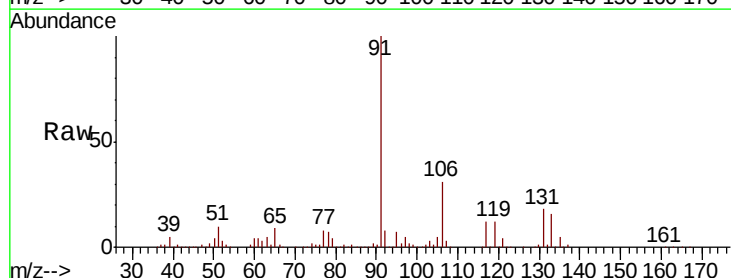
Tgt Ion:131 Resp: 103414

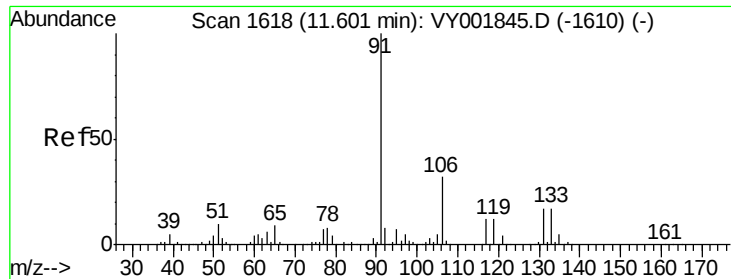
Ion Ratio Lower Upper

131 100

133 94.0 47.1 141.3

119 68.9 34.5 103.6

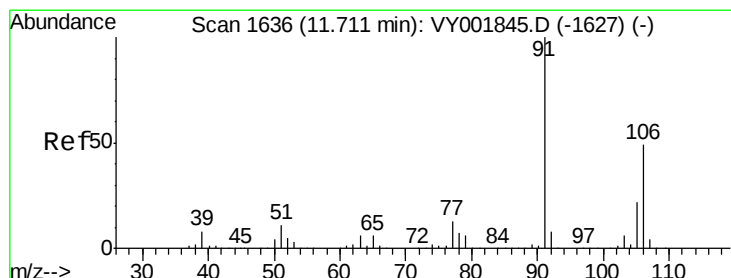
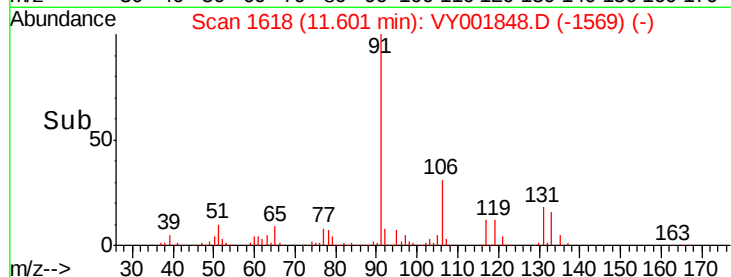
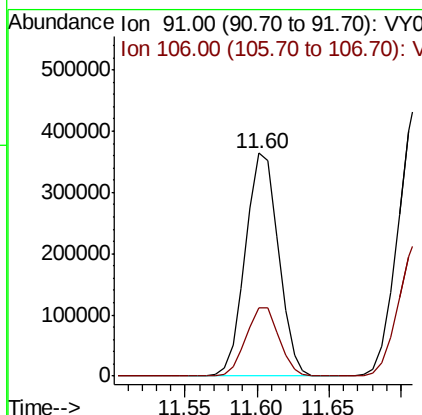
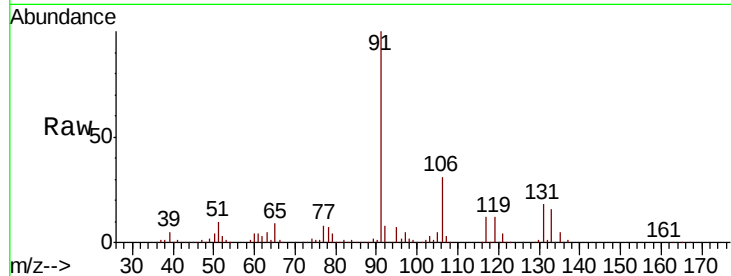




#67
Ethyl Benzene
Concen: 49.587 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

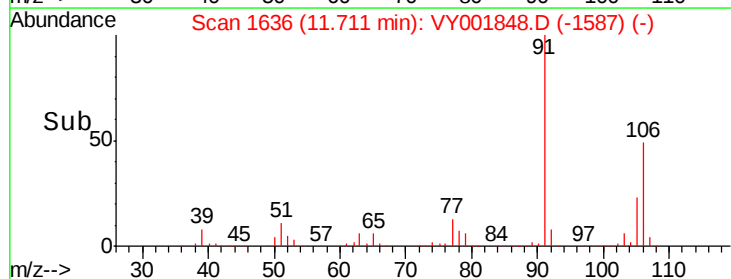
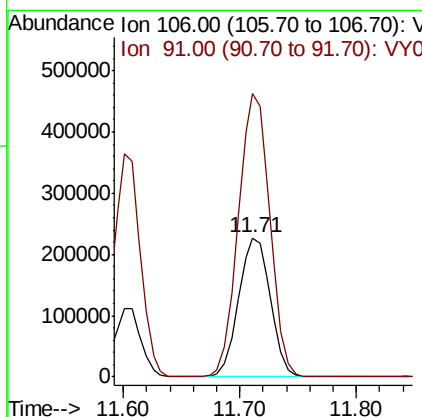
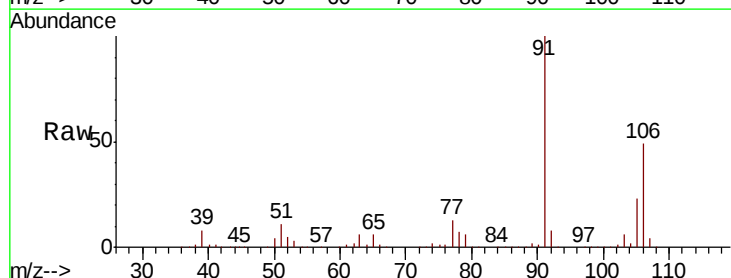
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

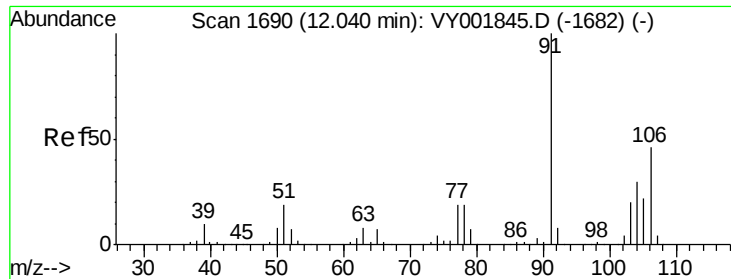
Tot Ion: 91 Resp: 579953
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2



#68
m/p-Xylenes
Concen: 99.618 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 106 Resp: 430750
Ion Ratio Lower Upper
106 100
91 202.0 161.3 241.9

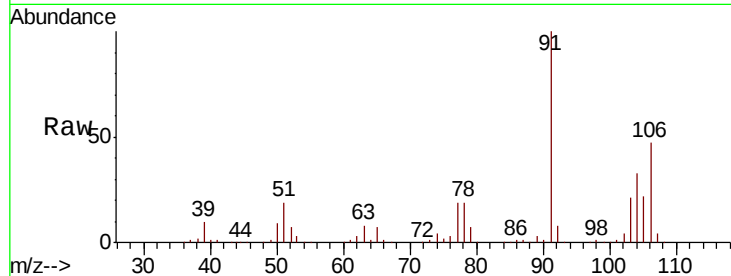




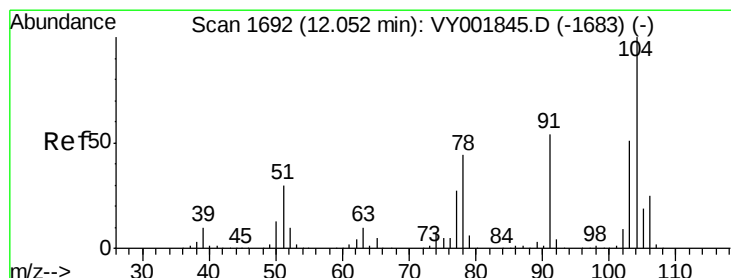
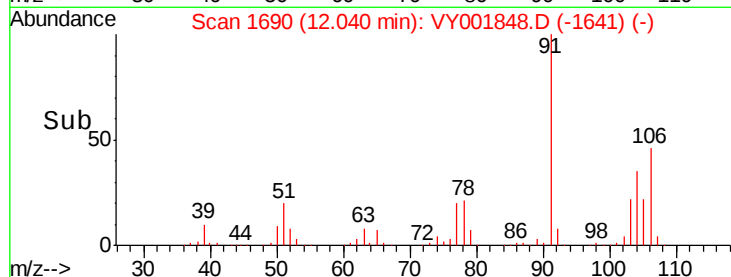
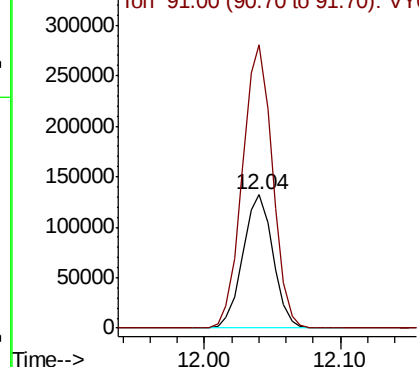
#69
o-Xylene
Concen: 50.019 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

Tot Ion:106 Resp: 203853
Ion Ratio Lower Upper
106 100
91 212.4 106.8 320.4

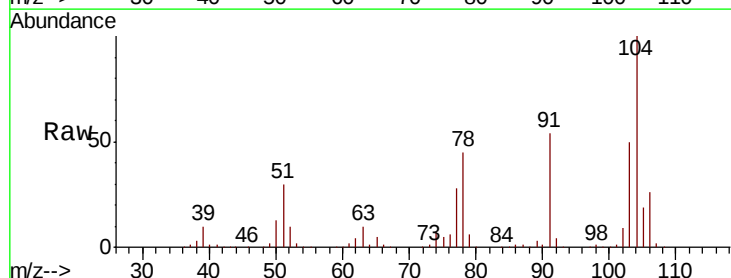


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

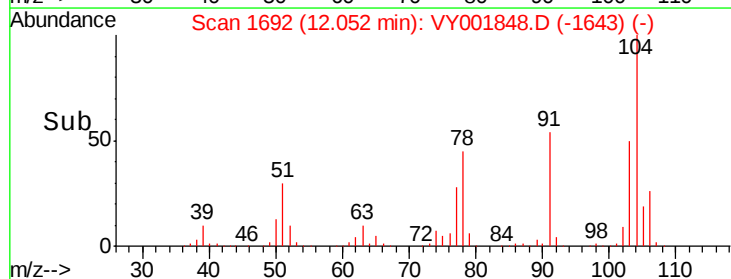
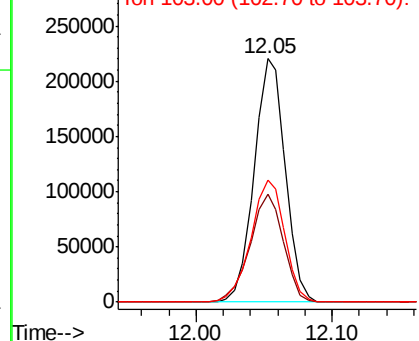


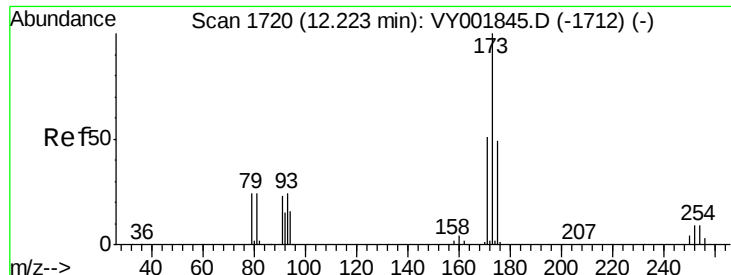
#70
Styrene
Concen: 50.619 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion:104 Resp: 353329
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 54.1 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.171 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

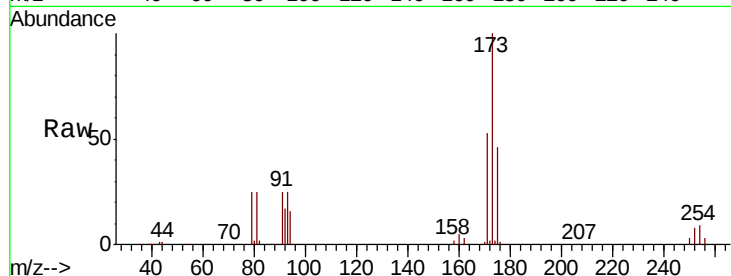
Tot Ion:173 Resp: 59301

Ion Ratio Lower Upper

173 100

175 47.4 24.3 72.8

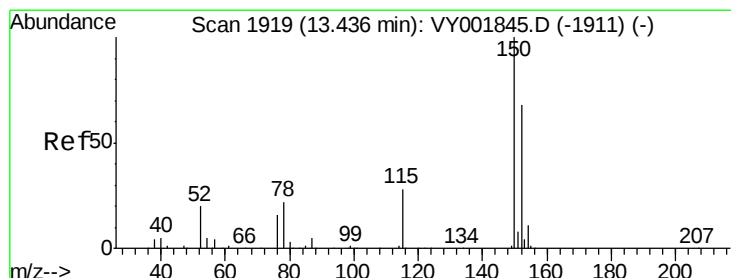
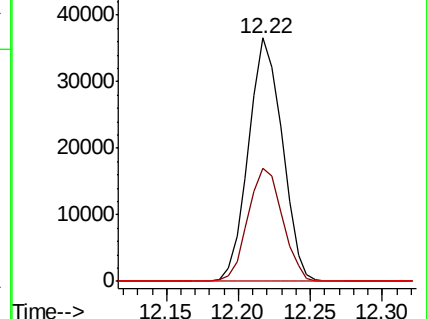
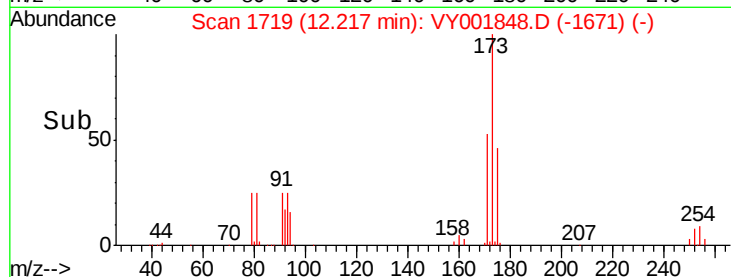
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

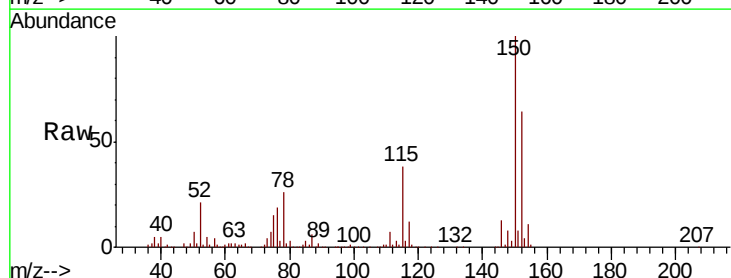
Tgt Ion:152 Resp: 143066

Ion Ratio Lower Upper

152 100

115 61.5 29.9 89.7

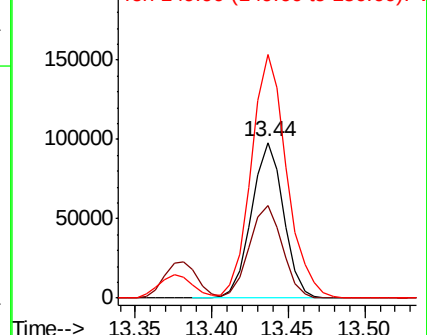
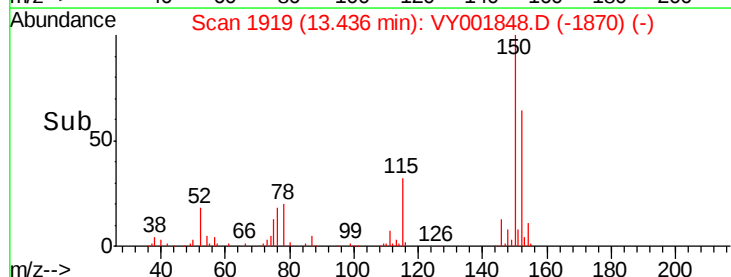
150 173.7 0.0 340.6

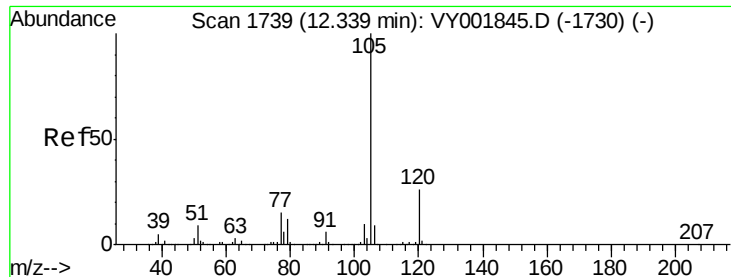


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.167 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

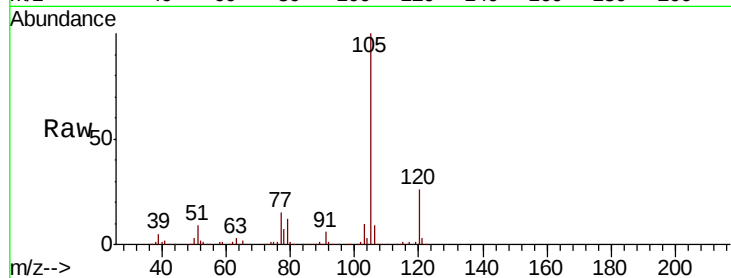
ICVY030420

Tot Ion:105 Resp: 547893

Ion Ratio Lower Upper

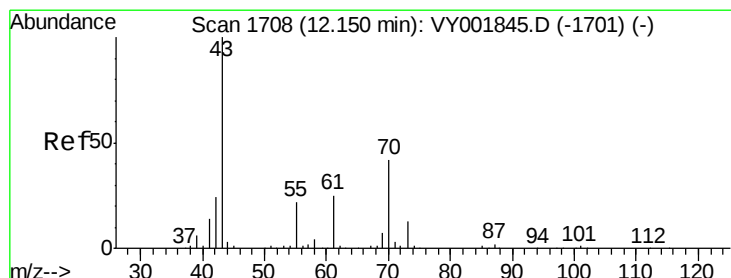
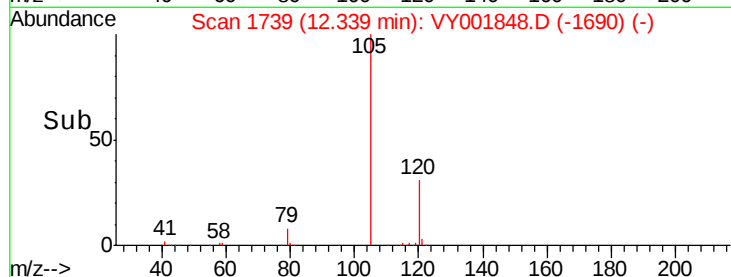
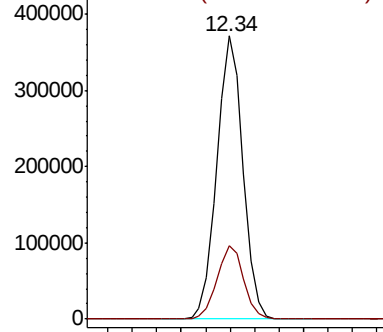
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.312 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Tgt Ion: 43 Resp: 172231

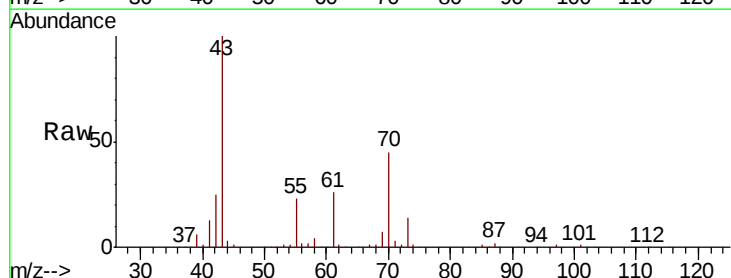
Ion Ratio Lower Upper

43 100

70 45.1 34.7 52.1

55 23.7 18.2 27.4

61 25.9 20.1 30.1

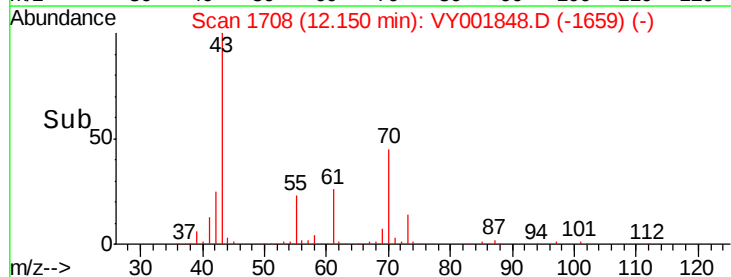
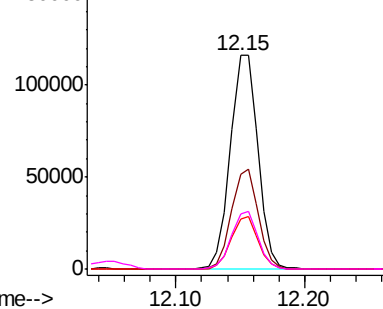


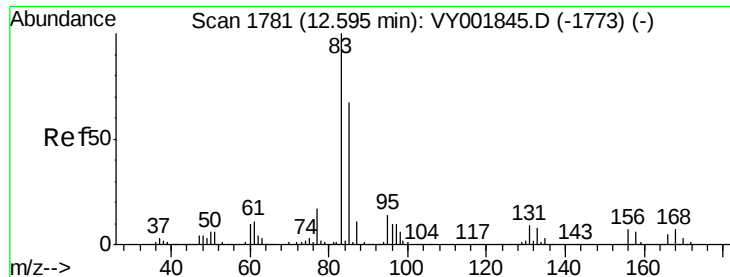
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.547 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030420

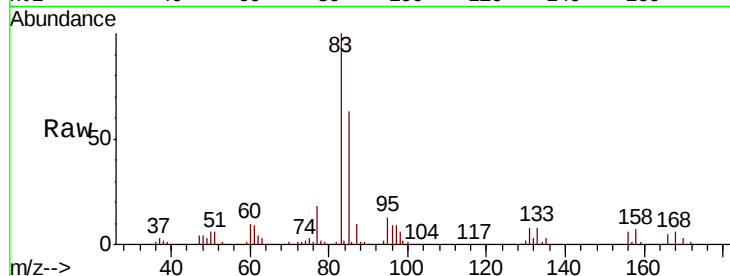
Tot Ion: 83 Resp: 121400

Ion Ratio Lower Upper

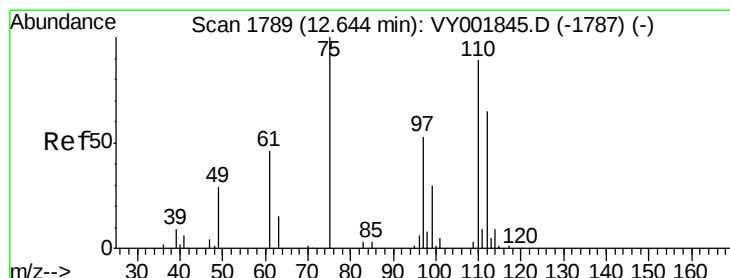
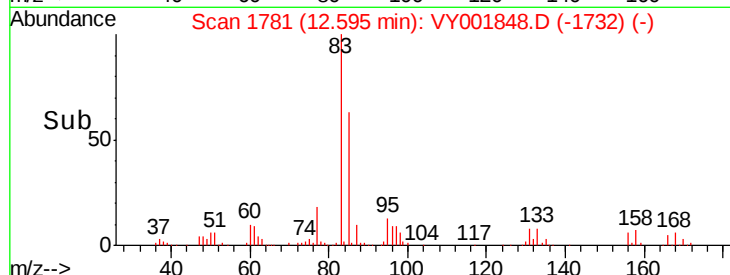
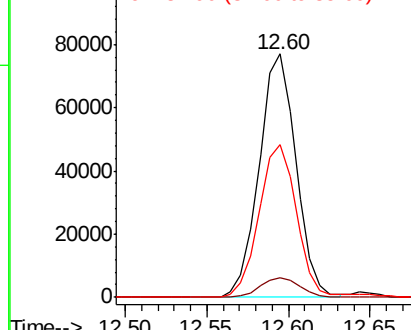
83 100

131 8.9 4.6 13.8

85 63.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 92.200 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001848.D

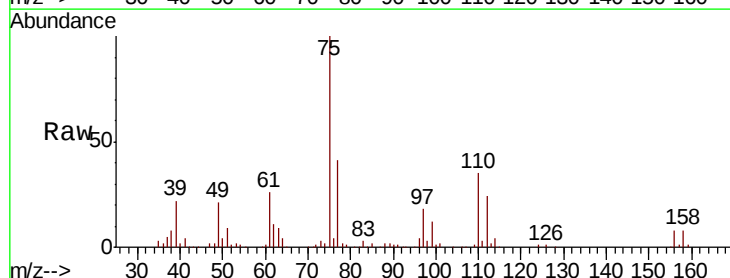
Acq: 04 Mar 2020 12:51

Tgt Ion: 75 Resp: 156517

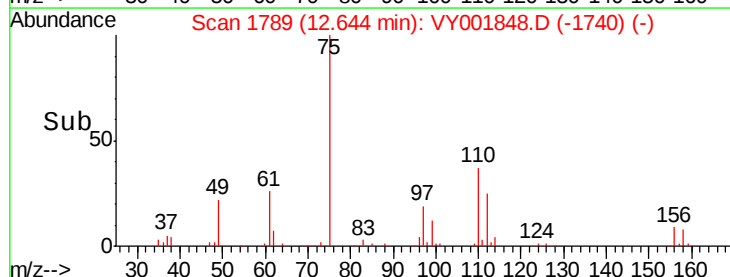
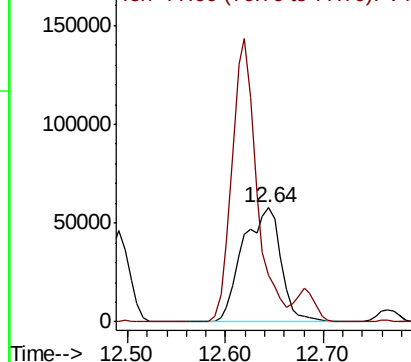
Ion Ratio Lower Upper

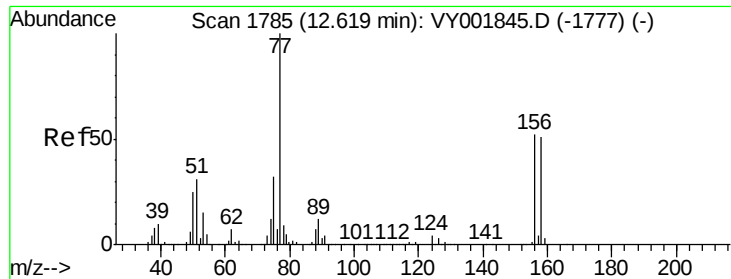
75 100

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: 50.428 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

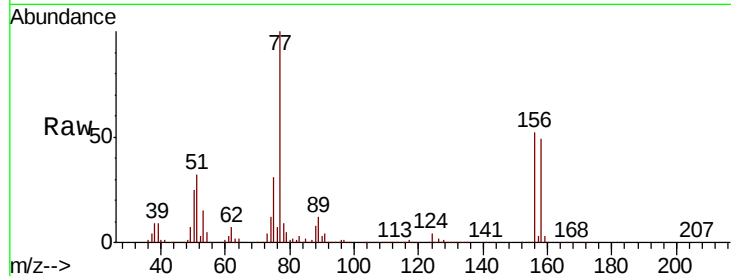
Tot Ion:156 Resp: 116684

Ion Ratio Lower Upper

156 100

77 216.3 109.0 327.0

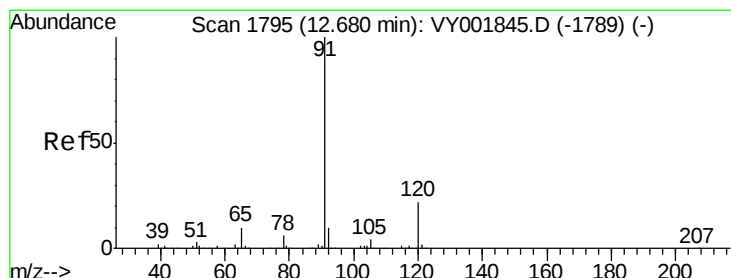
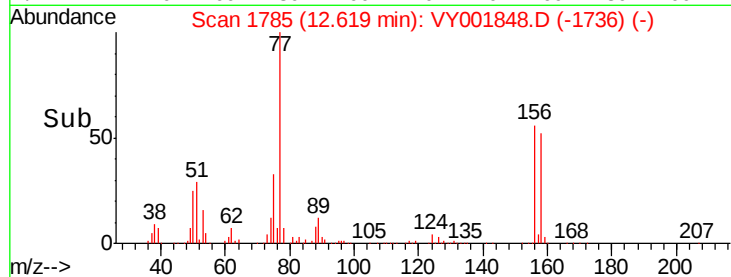
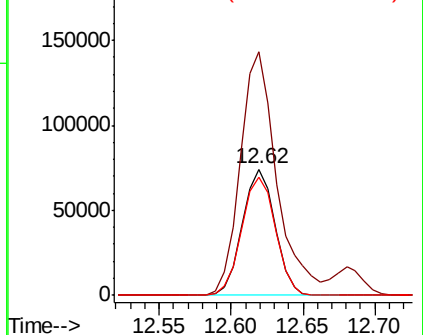
158 96.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.171 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001848.D

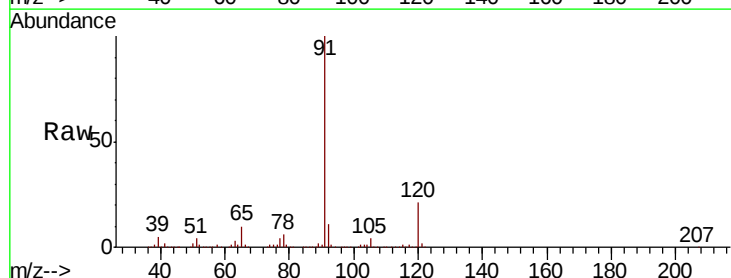
Acq: 04 Mar 2020 12:51

Tgt Ion: 91 Resp: 675986

Ion Ratio Lower Upper

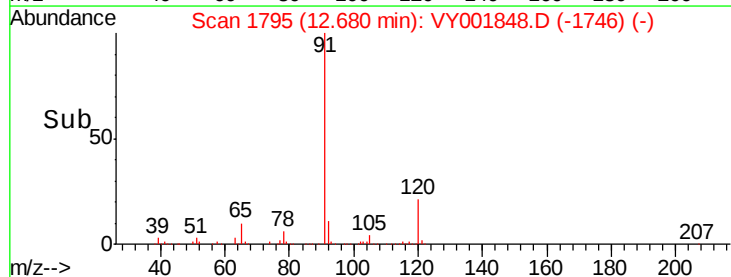
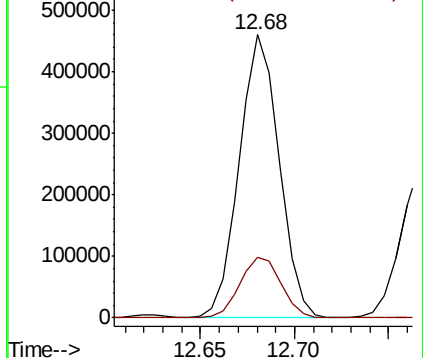
91 100

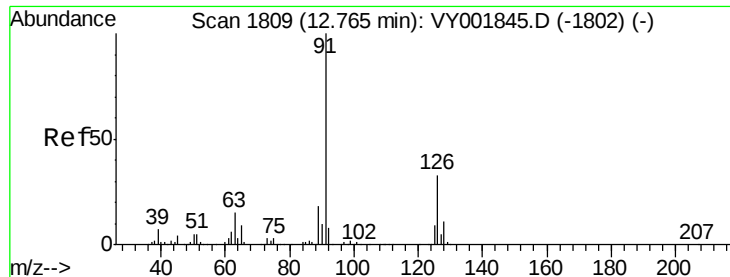
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

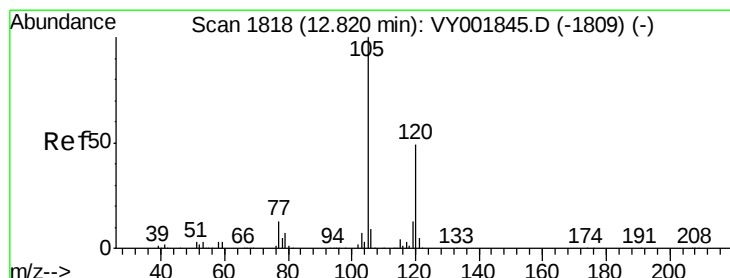
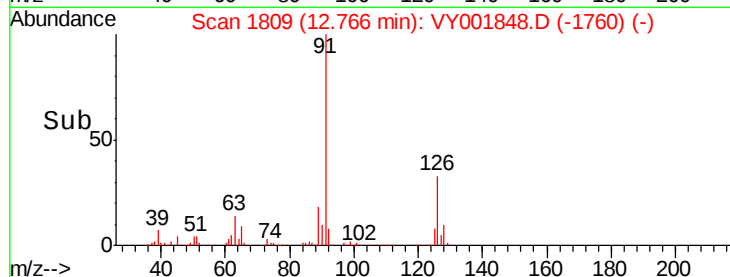
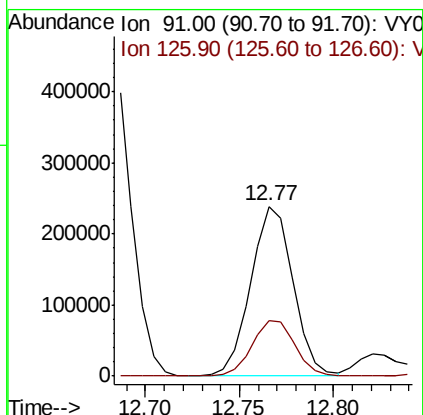
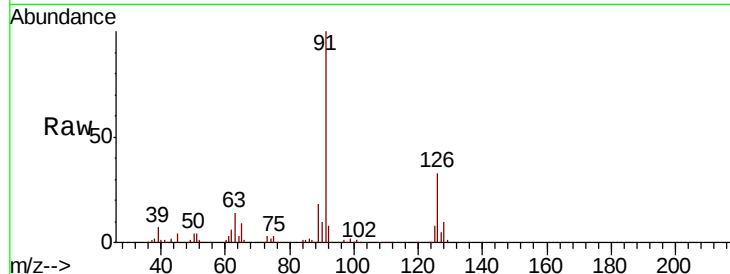




#79
 2-Chlorotoluene
 Concen: 49.941 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

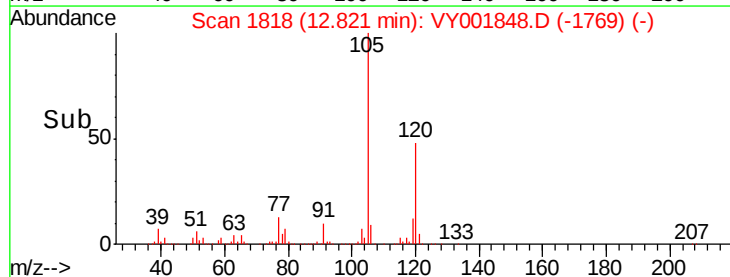
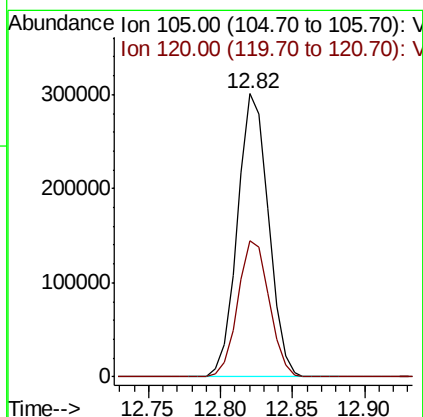
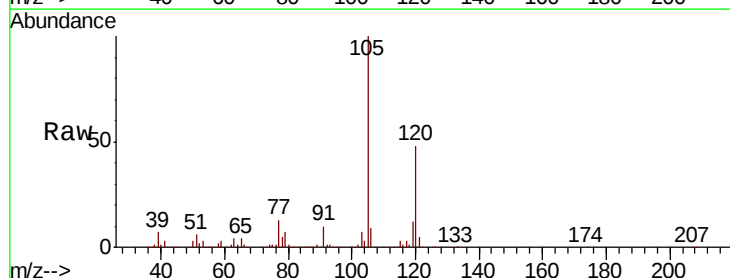
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030420

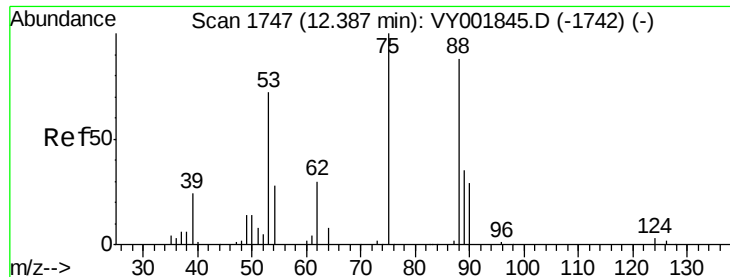
Tot Ion: 91 Resp: 371760
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.081 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001848.D
 Acq: 04 Mar 2020 12:51

Tgt Ion: 105 Resp: 450272
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 53.596 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

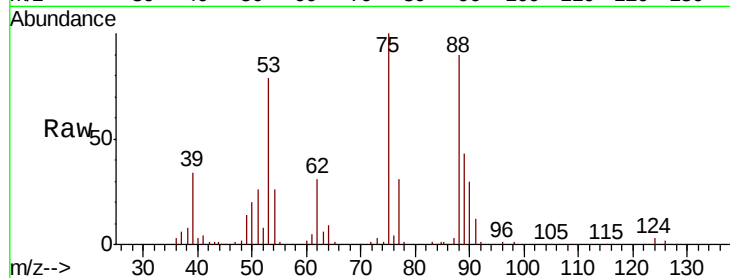
Tot Ion: 75 Resp: 45042

Ion Ratio Lower Upper

75 100

53 78.5 65.4 98.0

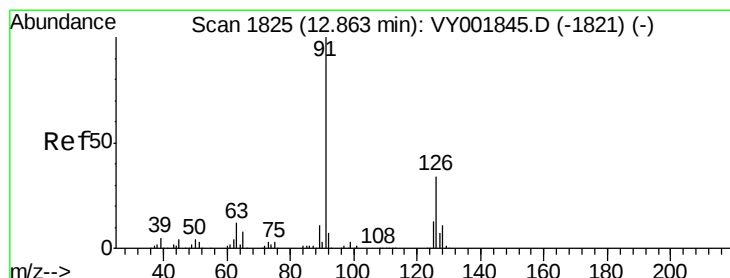
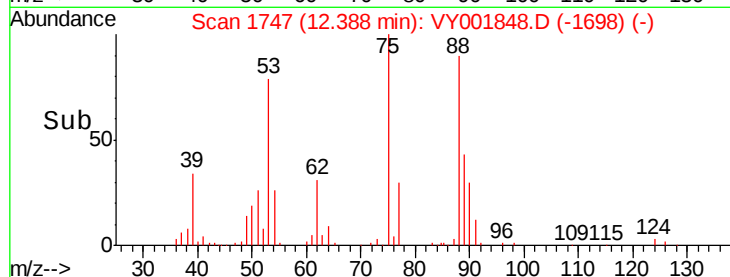
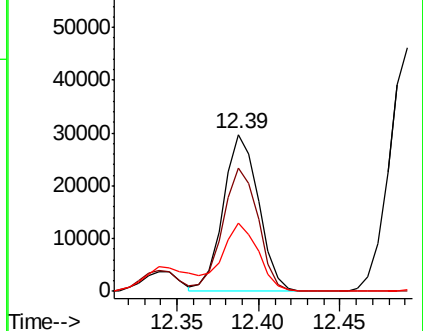
89 44.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.172 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001848.D

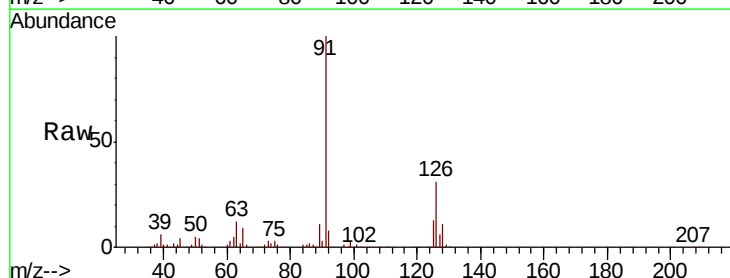
Acq: 04 Mar 2020 12:51

Tgt Ion: 91 Resp: 388864

Ion Ratio Lower Upper

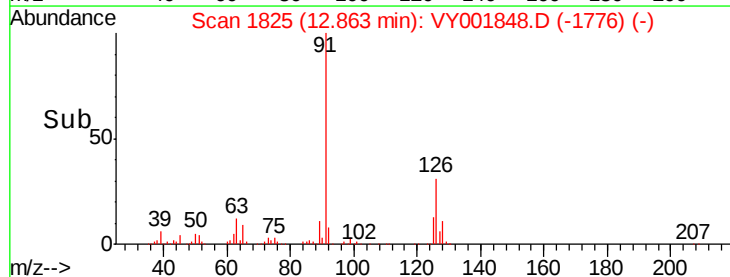
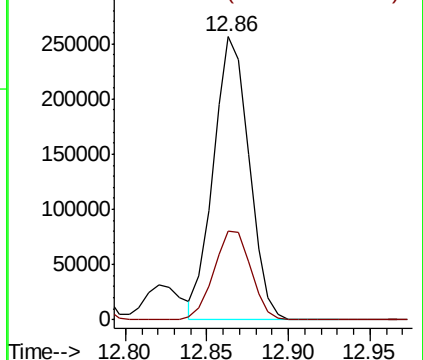
91 100

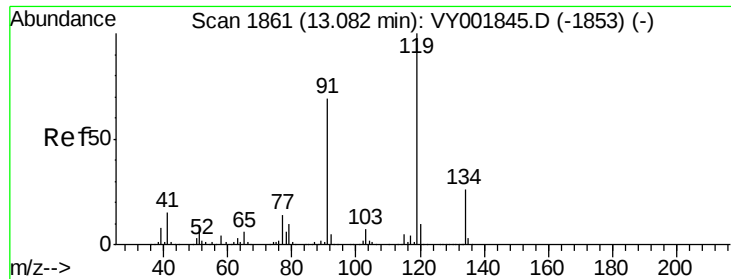
126 32.8 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

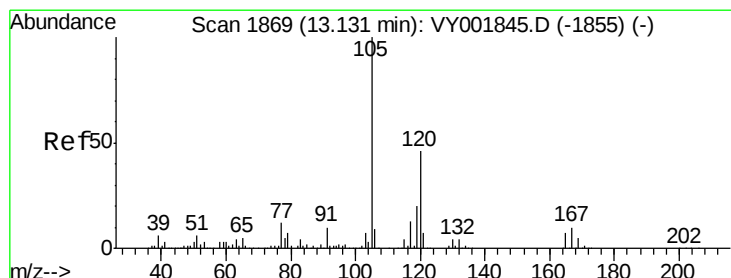
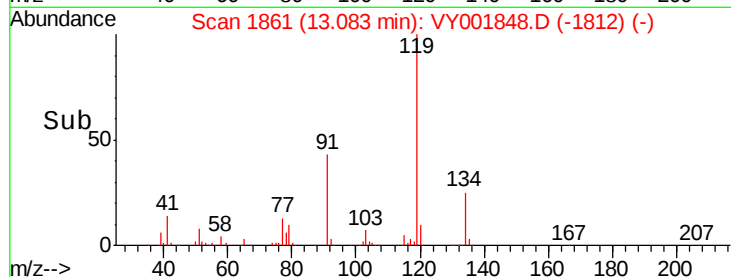
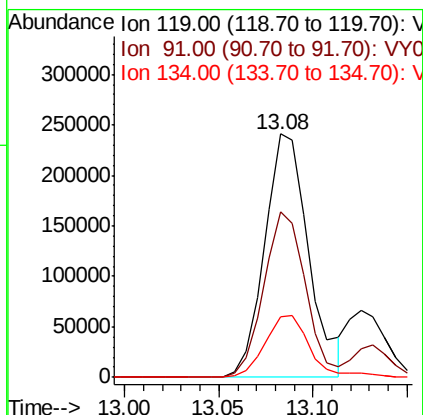
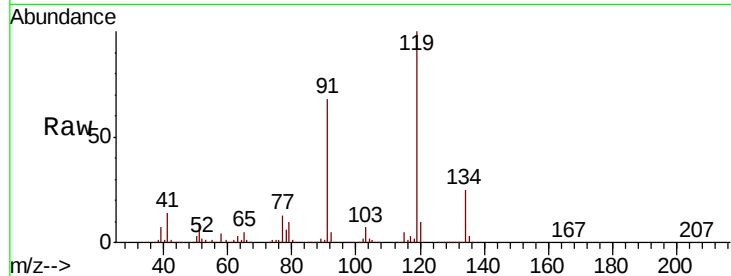




#83
tert-Butylbenzene
Concen: 52.251 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

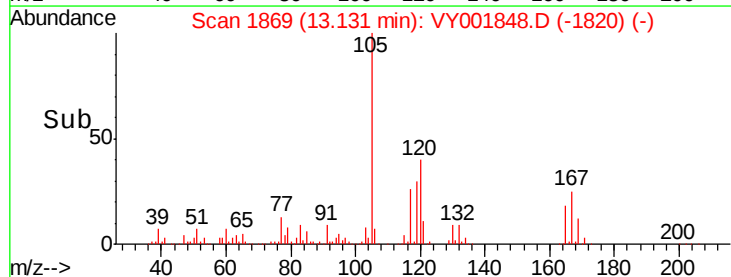
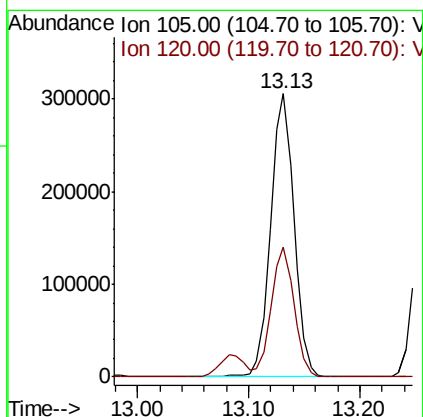
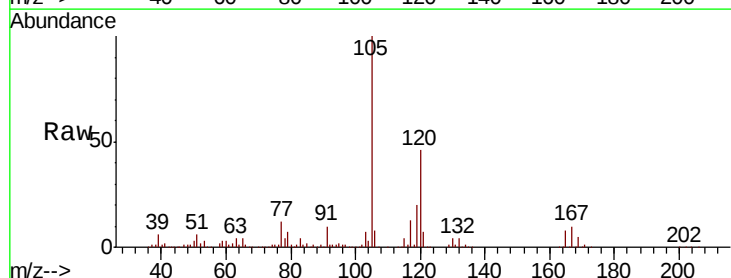
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

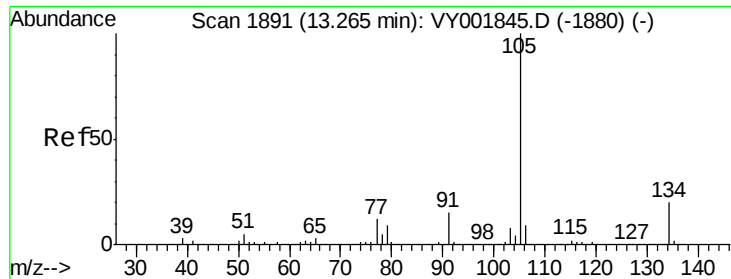
Tot Ion:119 Resp: 390193
Ion Ratio Lower Upper
119 100
91 64.5 34.0 101.8
134 26.1 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 50.256 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion:105 Resp: 448415
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 50.973 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

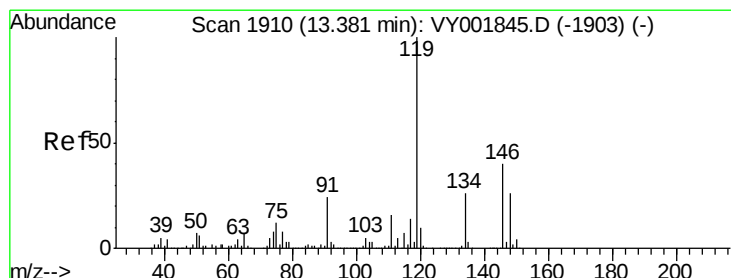
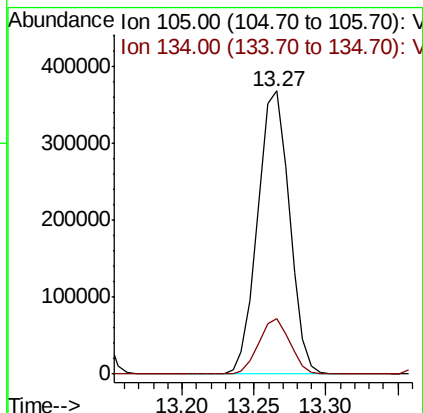
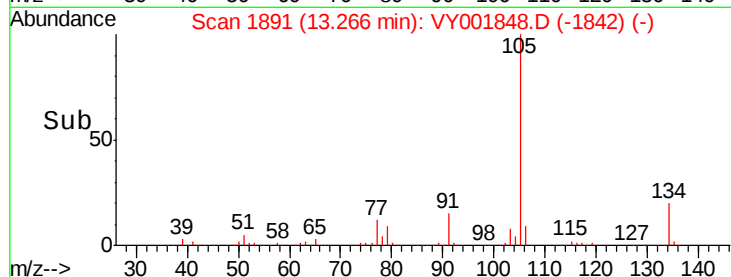
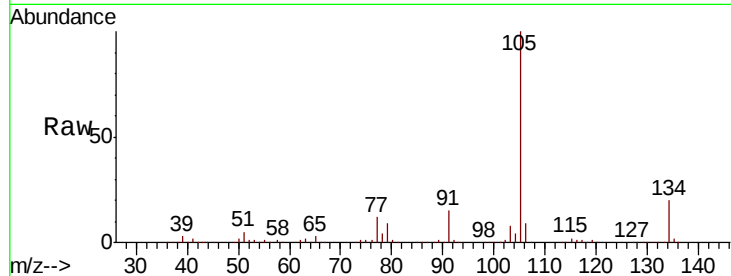
ICVY030420

Tot Ion:105 Resp: 561072

Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 51.198 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

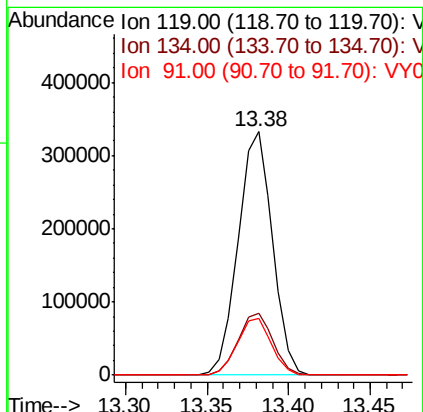
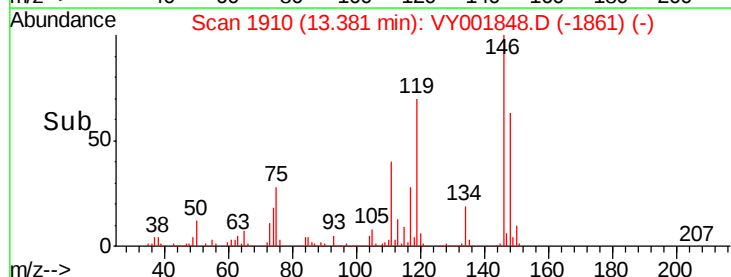
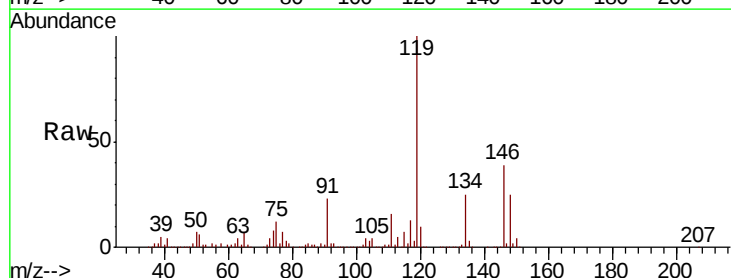
Tgt Ion:119 Resp: 486134

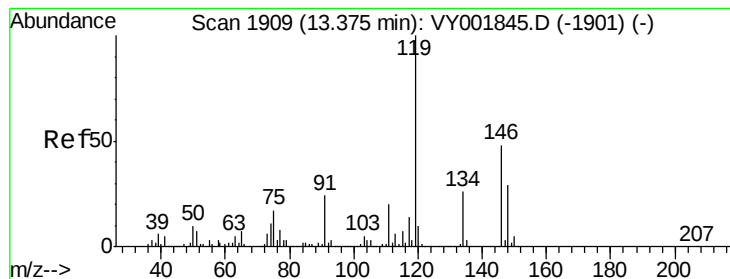
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 23.4 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 49.423 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

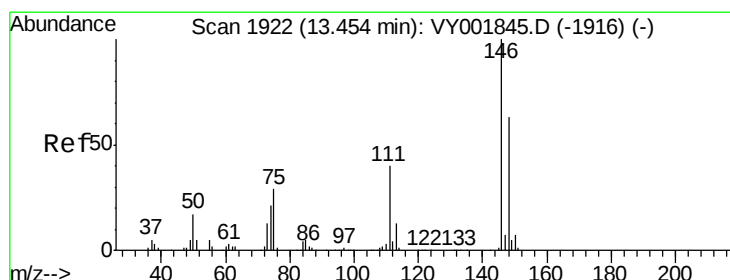
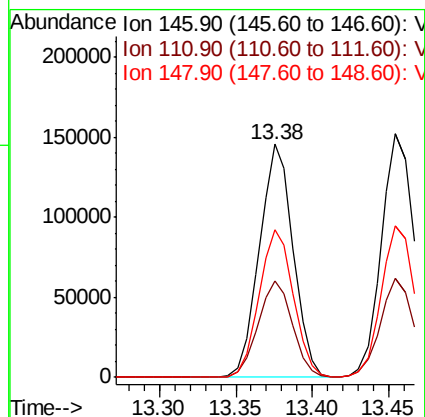
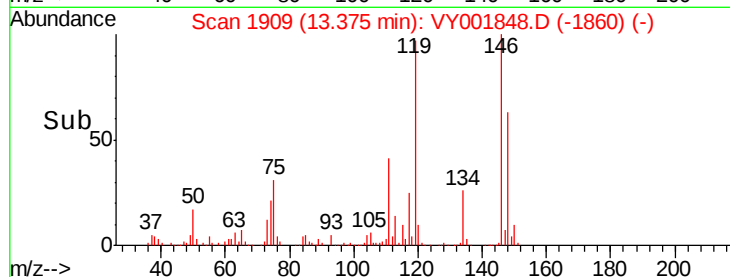
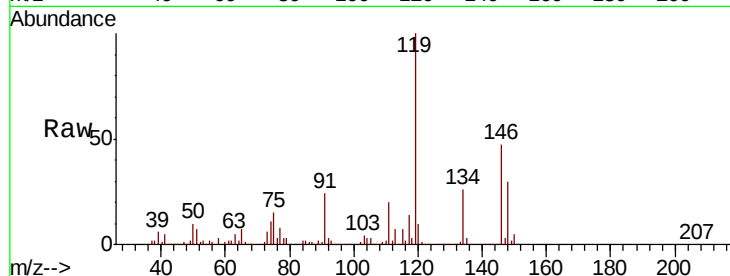
Tot Ion:146 Resp: 224095

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.5

148 64.2 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 49.661 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

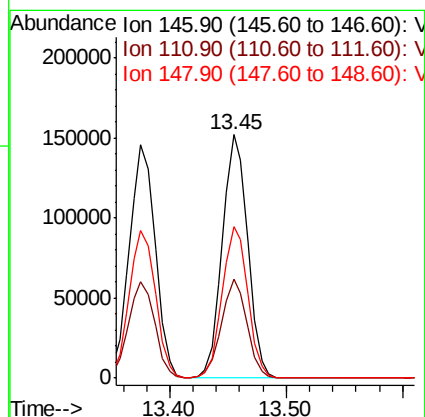
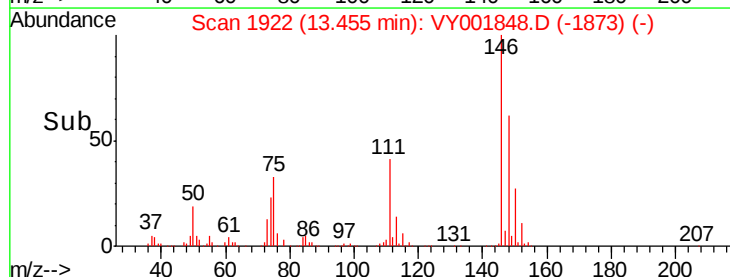
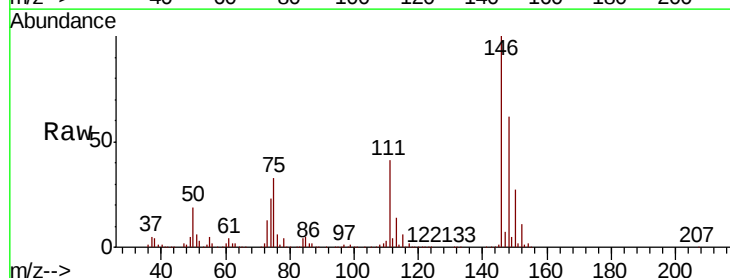
Tgt Ion:146 Resp: 228439

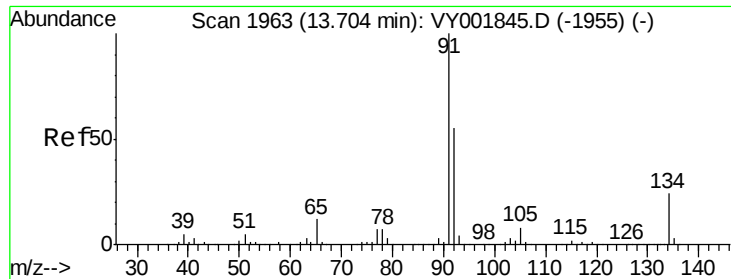
Ion Ratio Lower Upper

146 100

111 40.5 20.0 60.0

148 62.7 31.5 94.5

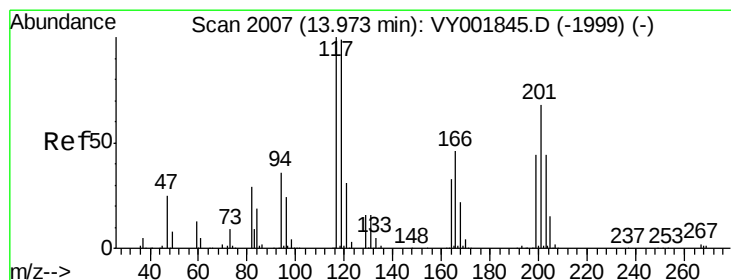
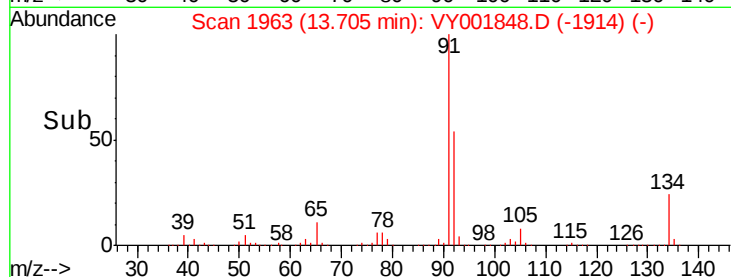
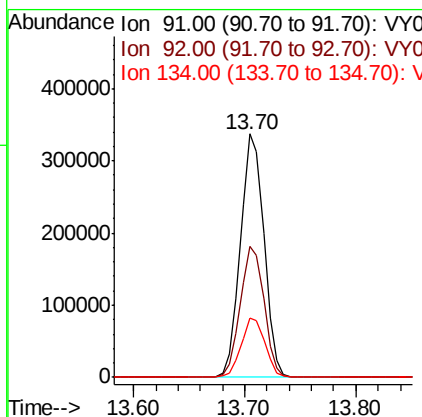
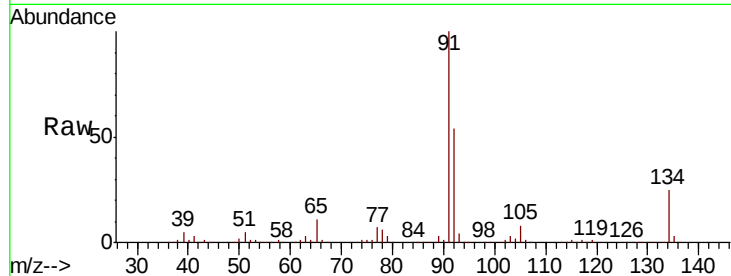




#89
n-Butylbenzene
Concen: 50.273 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

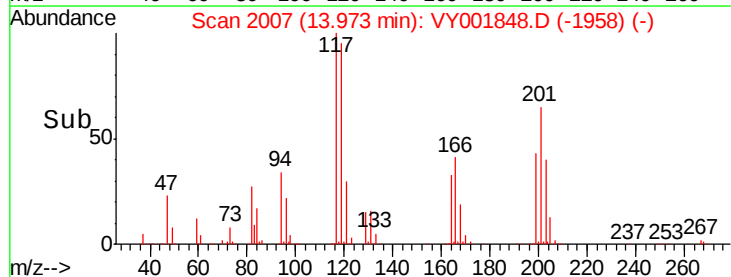
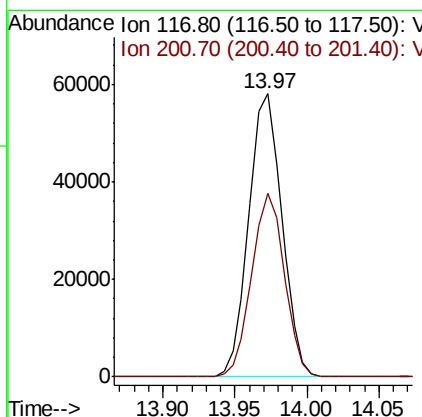
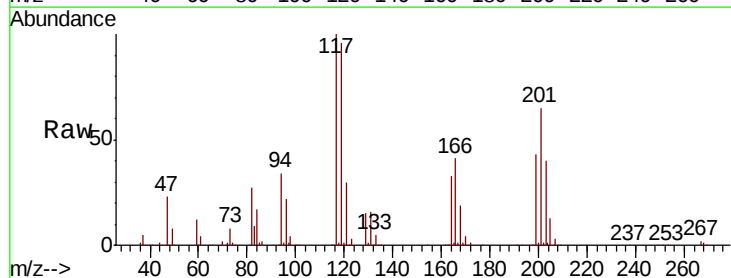
Instrument :
MSVOA_Y
ClientSampleId :
ICVY030420

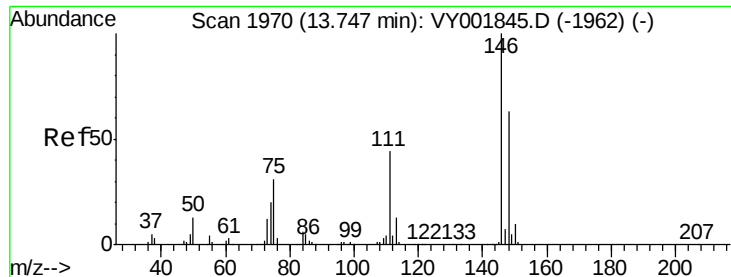
Tot Ion: 91 Resp: 495246
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.4
134 24.6 12.5 37.5



#90
Hexachloroethane
Concen: 51.712 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001848.D
Acq: 04 Mar 2020 12:51

Tgt Ion: 117 Resp: 92630
Ion Ratio Lower Upper
117 100
201 64.0 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 50.042 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

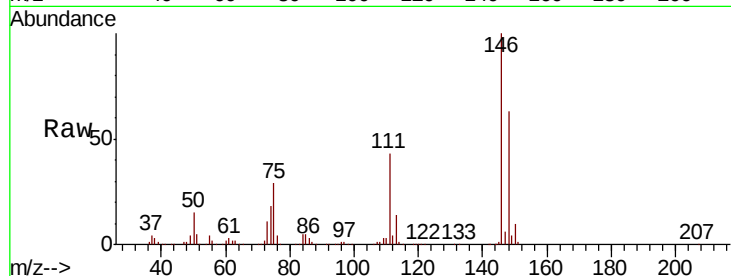
Tot Ion:146 Resp: 206139

Ion Ratio Lower Upper

146 100

111 42.9 21.5 64.5

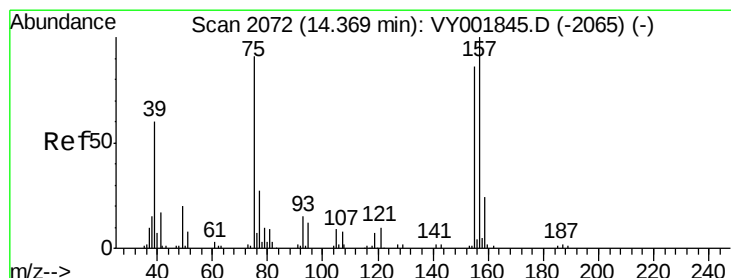
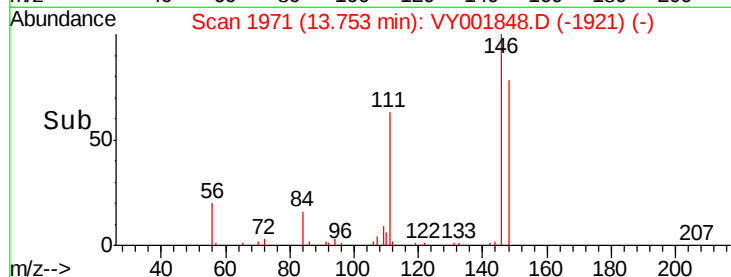
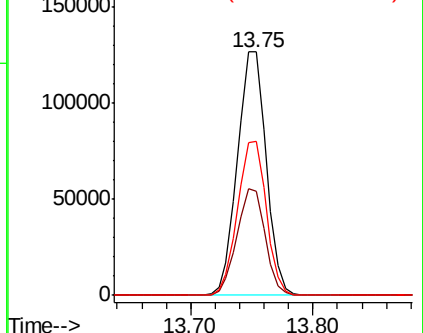
148 63.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.889 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

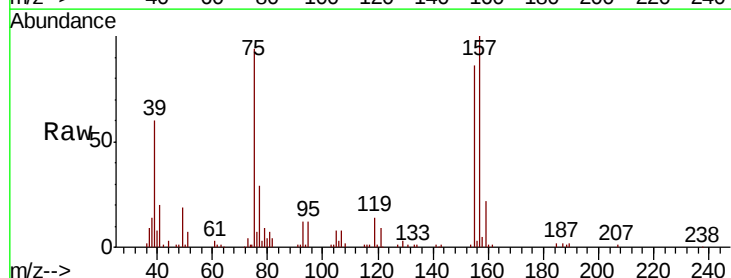
Tgt Ion: 75 Resp: 18702

Ion Ratio Lower Upper

75 100

155 87.8 42.9 128.7

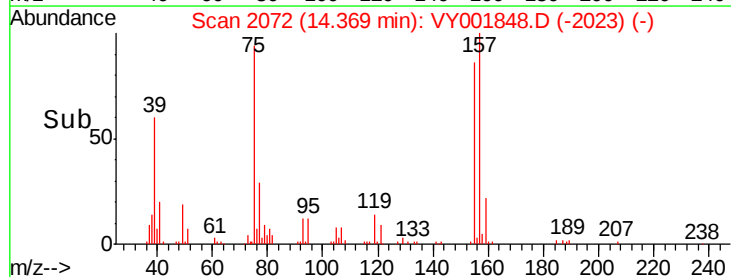
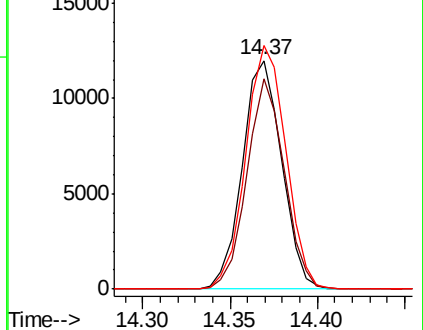
157 108.9 53.1 159.4

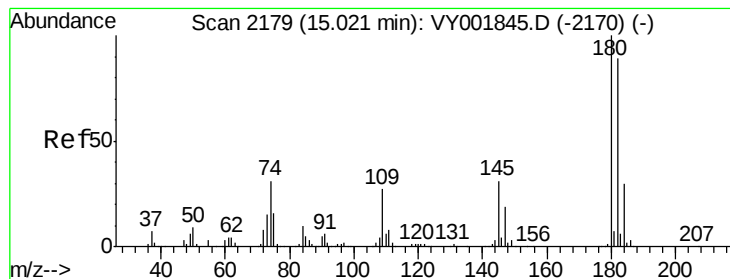


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 50.102 ug/l

RT: 15.02 min Scan# 2179

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY030420

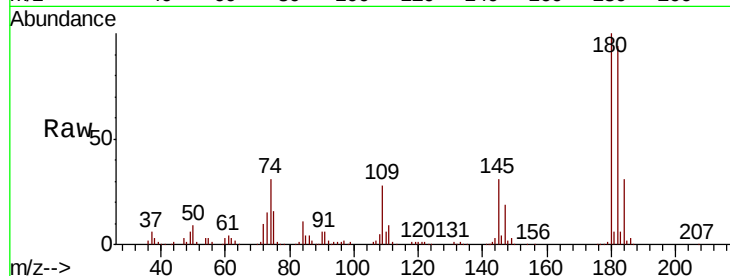
Tot Ion:180 Resp: 133843

Ion Ratio Lower Upper

180 100

182 94.7 46.1 138.3

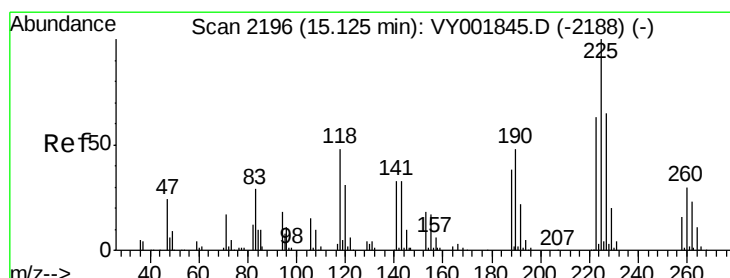
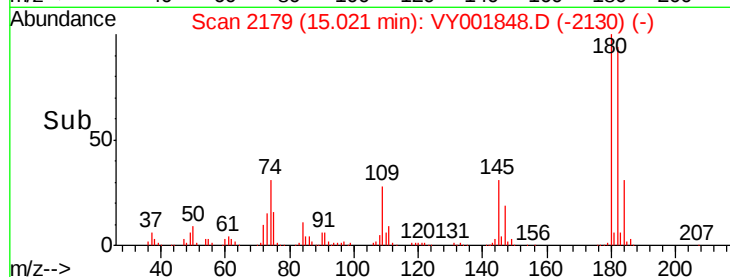
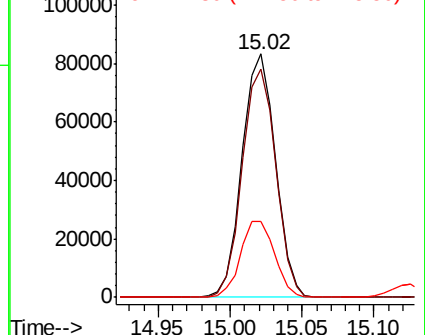
145 32.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 49.398 ug/l

RT: 15.13 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

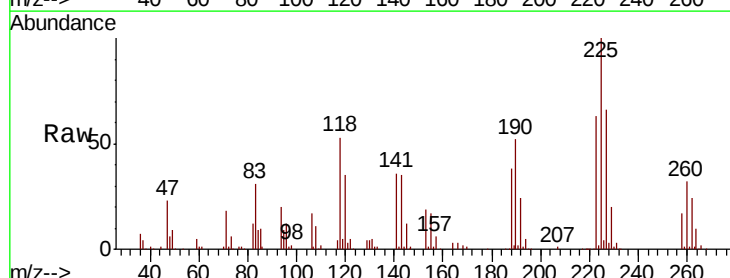
Tgt Ion:225 Resp: 64337

Ion Ratio Lower Upper

225 100

223 62.5 31.5 94.5

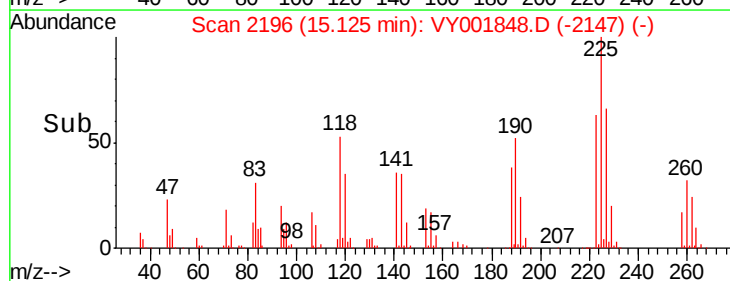
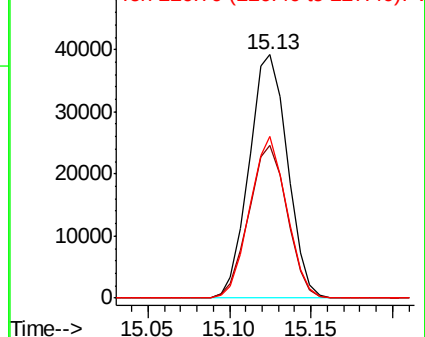
227 63.3 31.9 95.5

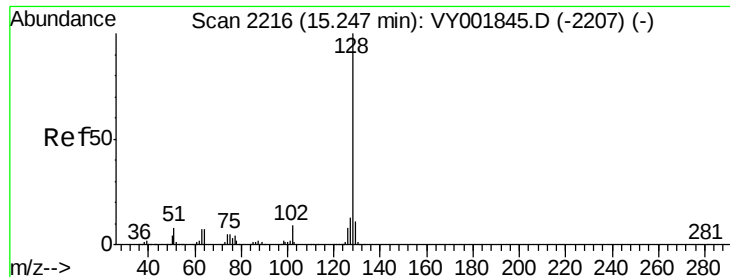


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.170 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY030420

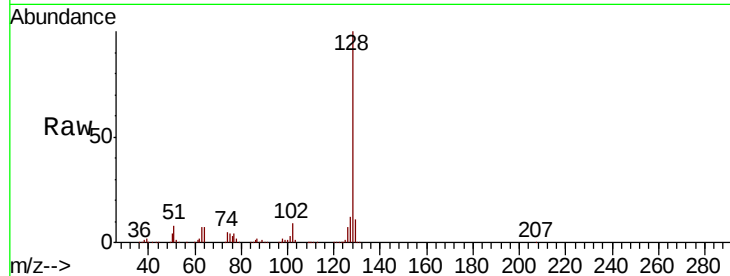
Tot Ion:128 Resp: 330574

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

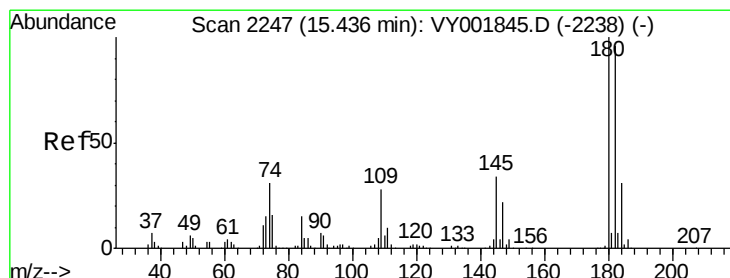
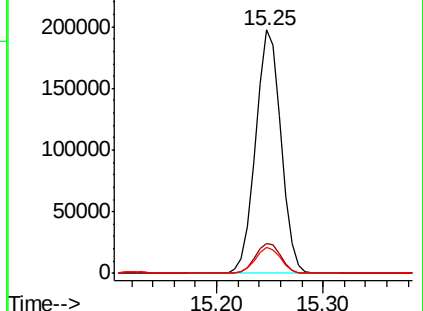
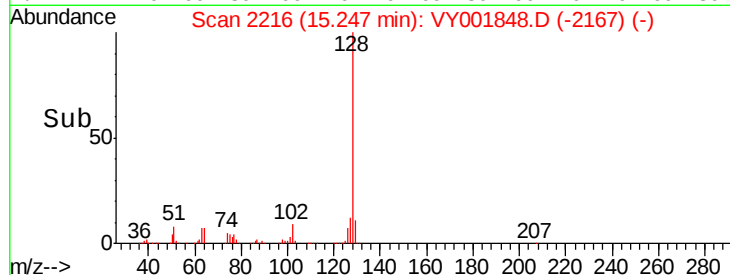
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.131 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY001848.D

Acq: 04 Mar 2020 12:51

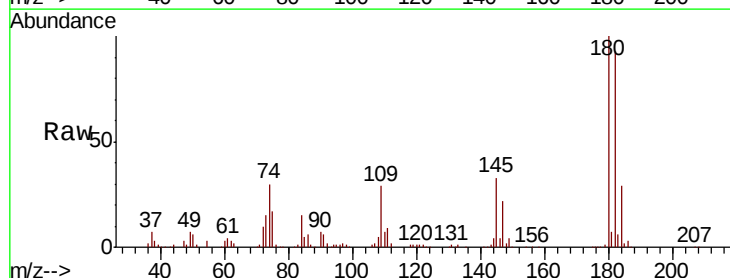
Tgt Ion:180 Resp: 117976

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 33.6 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

