

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\
 Data File : VY002000.D
 Acq On : 17 Mar 2020 17:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 17 18:12:55 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	293703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	553821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	502287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	233999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	174001	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
35) Dibromofluoromethane	7.74	113	159430	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	10.19	98	656084	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.49	95	232629	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	59793	22.06	ug/l	97
3) Chloromethane	2.13	50	86594	23.69	ug/l	99
4) Vinyl Chloride	2.26	62	89900	24.18	ug/l	99
5) Bromomethane	2.66	94	61251	25.32	ug/l	97
6) Chloroethane	2.81	64	58569	25.08	ug/l	96
7) Trichlorofluoromethane	3.15	101	125550	24.90	ug/l	97
8) Diethyl Ether	3.55	74	52731	26.53	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	82761	25.52	ug/l	99
10) Methyl Iodide	4.12	142	96425	25.71	ug/l	100
11) Tert butyl alcohol	4.99	59	44962	126.66	ug/l	99
12) 1,1-Dichloroethene	3.90	96	82229	25.18	ug/l	98
13) Acrolein	3.76	56	51289	116.40	ug/l	96
14) Allyl chloride	4.50	41	150640	26.02	ug/l	98
15) Acrylonitrile	5.20	53	141740	133.47	ug/l	100
16) Acetone	3.97	43	105476	115.50	ug/l	97
17) Carbon Disulfide	4.22	76	254459	23.18	ug/l	99
18) Methyl Acetate	4.50	43	62797	26.76	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	238844	26.99	ug/l	100
20) Methylene Chloride	4.75	84	98497	25.17	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	95344	25.72	ug/l	98
22) Diisopropyl ether	6.15	45	324065	27.31	ug/l	97
23) Vinyl Acetate	6.10	43	1056264	135.78	ug/l	99
24) 1,1-Dichloroethane	6.05	63	171158	26.63	ug/l	99
25) 2-Butanone	7.02	43	178675	128.66	ug/l	100
26) 2,2-Dichloropropane	7.01	77	137649	26.10	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	107156	26.58	ug/l	99
28) Bromochloromethane	7.36	49	79507	27.45	ug/l	99
29) Tetrahydrofuran	7.38	42	122206	132.51	ug/l	100
30) Chloroform	7.53	83	163019	27.00	ug/l	97
31) Cyclohexane	7.81	56	170184	24.70	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	135666	26.66	ug/l	99
36) 1,1-Dichloropropene	7.94	75	132464	24.86	ug/l	99
37) Ethyl Acetate	7.10	43	81108	26.19	ug/l	99
38) Carbon Tetrachloride	7.93	117	115826	25.44	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	173018	24.48	ug/l	97
40) Benzene	8.18	78	404812	25.63	ug/l	100
41) Methacrylonitrile	7.36	41	107191	76.90	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	107191	26.33	ug/l	99
43) Isopropyl Acetate	8.29	43	153654	26.20	ug/l	98
44) Trichloroethene	8.96	130	97951	25.46	ug/l	96
45) 1,2-Dichloropropane	9.24	63	106593	26.84	ug/l	100
46) Dibromomethane	9.32	93	53655	26.22	ug/l	98
47) Bromodichloromethane	9.51	83	127517	26.79	ug/l	99
48) Methyl methacrylate	9.31	41	70574	27.12	ug/l	100
49) 1,4-Dioxane	9.31	88	14357	512.02	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	403626	133.63	ug/l	100
52) Toluene	10.25	92	248245	25.87	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	138820	26.77	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	161186	26.11	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	79112	26.42	ug/l	97
56) Ethyl methacrylate	10.52	69	116920	26.64	ug/l	98
57) 1,3-Dichloropropane	10.80	76	139364	26.11	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	191622	106.41	ug/l	100
59) 2-Hexanone	10.85	43	274066	127.12	ug/l	99
60) Dibromochloromethane	11.00	129	85463	27.08	ug/l	99
61) 1,2-Dibromoethane	11.10	107	74464	26.25	ug/l	99
64) Tetrachloroethene	10.73	164	79164	25.13	ug/l	97
65) Chlorobenzene	11.53	112	255570	25.54	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	86801	26.45	ug/l	100
67) Ethyl Benzene	11.60	91	479209	25.67	ug/l	98
68) m/p-Xylenes	11.71	106	353765	51.26	ug/l	100
69) o-Xylene	12.04	106	170453	26.21	ug/l	97
70) Styrene	12.05	104	295899	26.56	ug/l	99
71) Bromoform	12.22	173	48952	27.50	ug/l #	99
73) Isopropylbenzene	12.34	105	457279	25.60	ug/l	99
74) N-amyl acetate	12.15	43	140603	25.61	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	99282	25.77	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	127042	45.76	ug/l #	100
77) Bromobenzene	12.62	156	97521	25.77	ug/l	98
78) n-propylbenzene	12.68	91	560545	25.44	ug/l	100
79) 2-Chlorotoluene	12.77	91	309783	25.44	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	377251	25.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	34627	25.19	ug/l	97
82) 4-Chlorotoluene	12.86	91	325696	25.69	ug/l	99
83) tert-Butylbenzene	13.08	119	316252	25.89	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	375015	25.70	ug/l	99
85) sec-Butylbenzene	13.26	105	470263	26.12	ug/l	100
86) p-Isopropyltoluene	13.38	119	399922	25.75	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	188868	25.47	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	190154	25.27	ug/l	99
89) n-Butylbenzene	13.70	91	411045	25.51	ug/l	99
90) Hexachloroethane	13.97	117	77636	26.50	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	173435	25.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14885	24.76	ug/l	97

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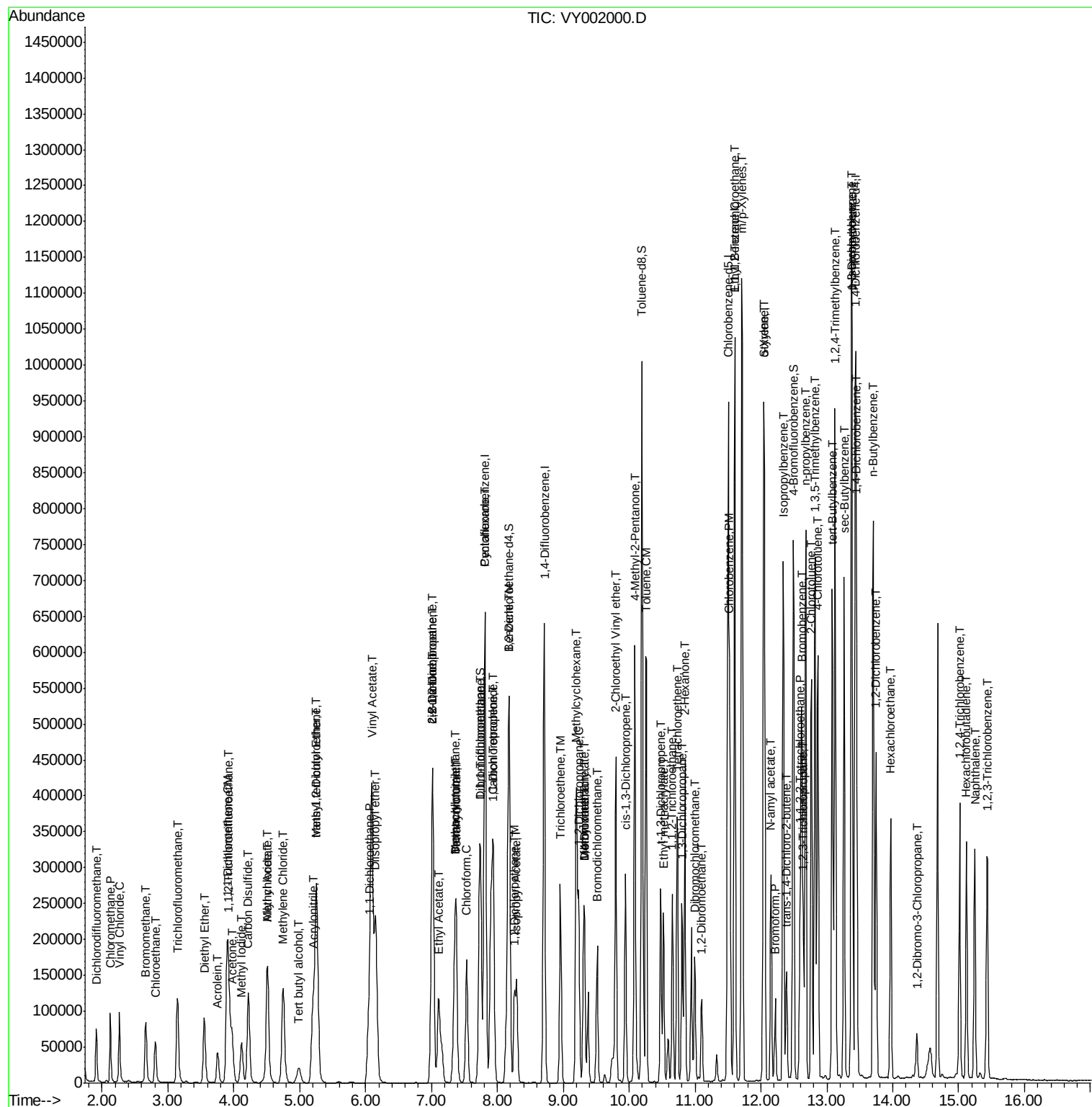
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	108987	24.94	ug/l	97
94) Hexachlorobutadiene	15.12	225	53341	25.04	ug/l	100
95) Naphthalene	15.25	128	263332	25.41	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	97222	25.26	ug/l	100

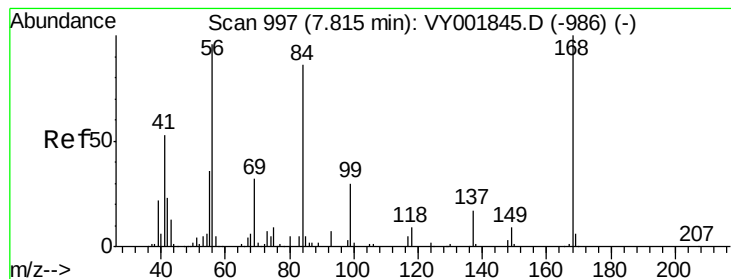
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

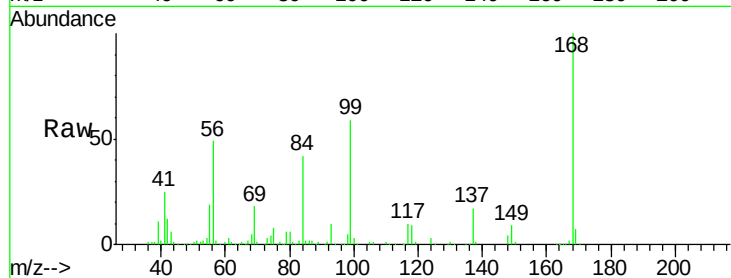
VSTDCCC050EC

Tgt Ion:168 Resp: 293703

Ion Ratio Lower Upper

168 100

99 58.7 46.7 70.1



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

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

7.82

150000

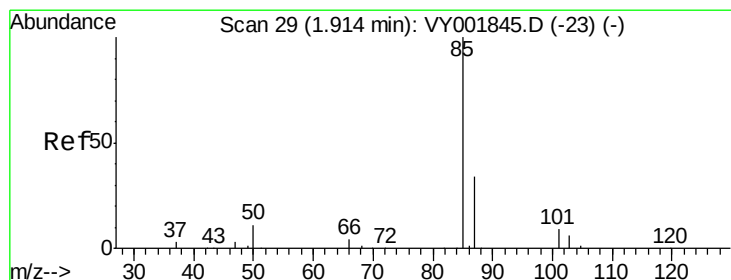
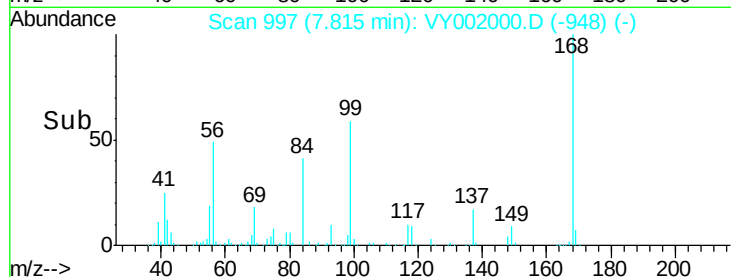
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.06 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002000.D

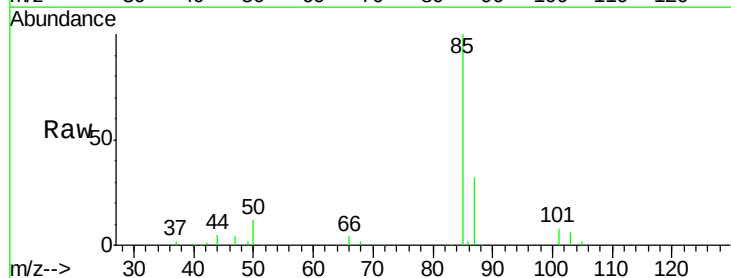
Acq: 17 Mar 2020 17:55

Tgt Ion: 85 Resp: 59793

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.4



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

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

1.91

40000

30000

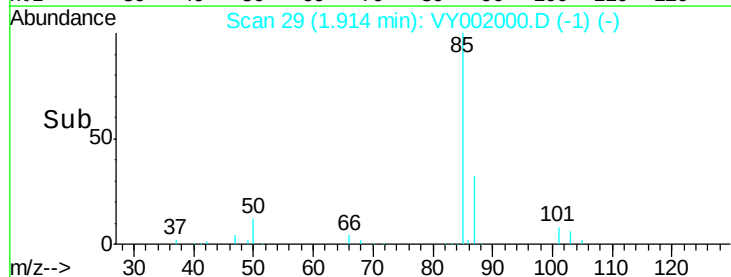
20000

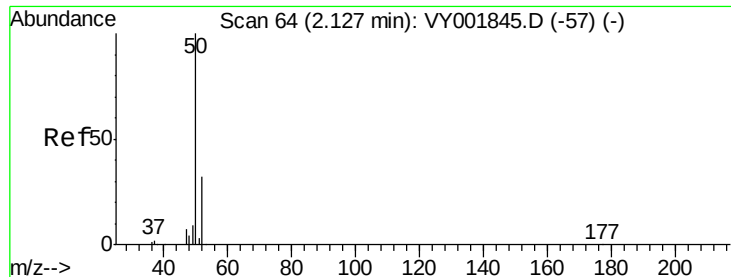
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 23.69 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

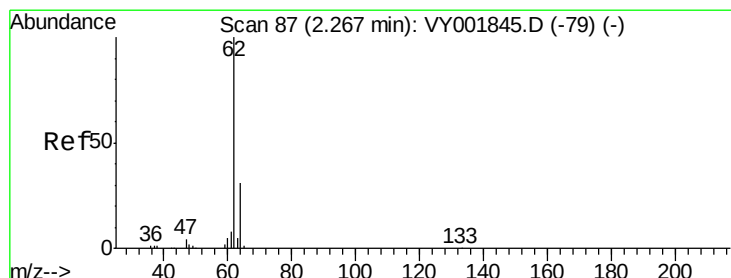
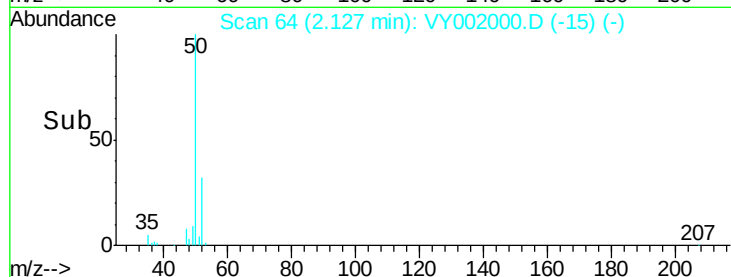
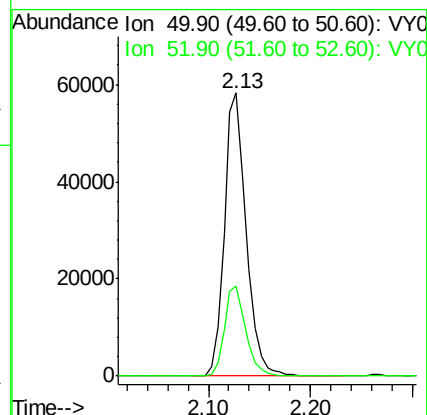
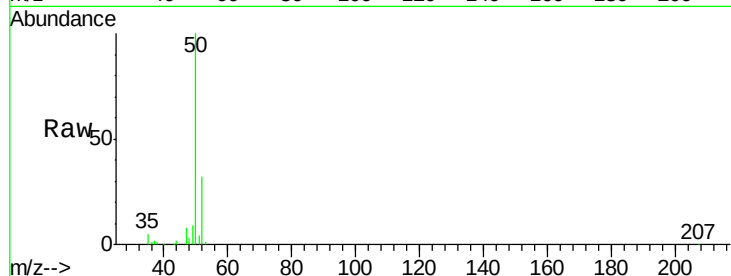
VSTDCCC050EC

Tgt Ion: 50 Resp: 86594

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6



#4

Vinyl Chloride

Concen: 24.18 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002000.D

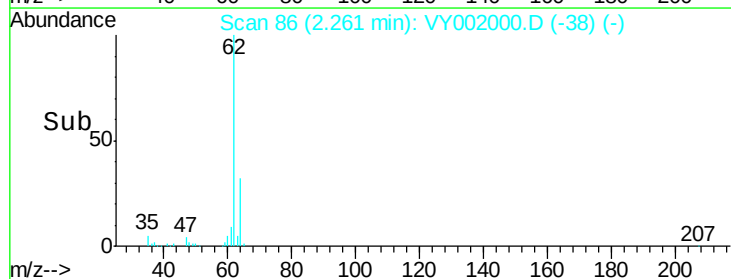
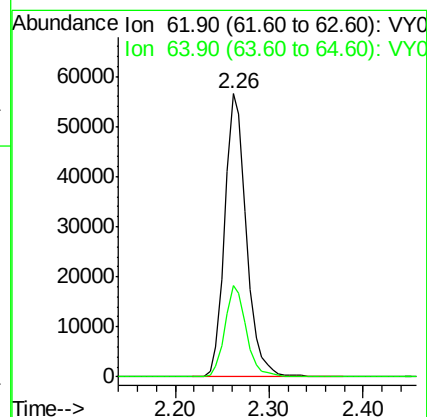
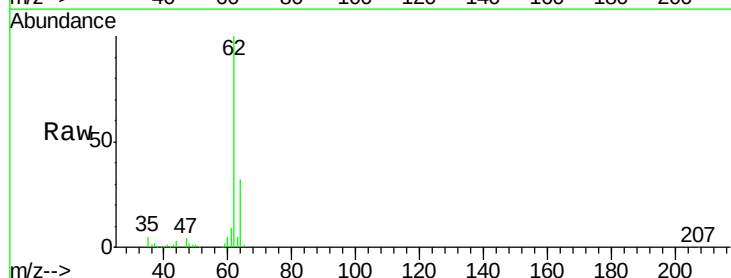
Acq: 17 Mar 2020 17:55

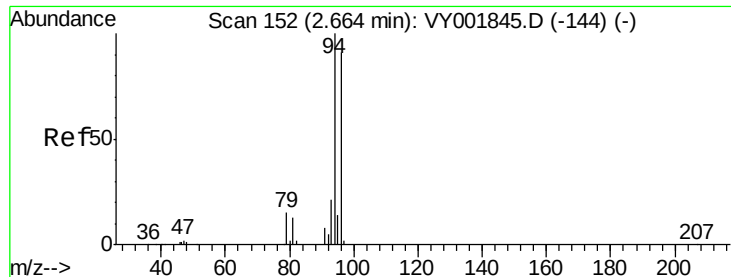
Tgt Ion: 62 Resp: 89900

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 25.32 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

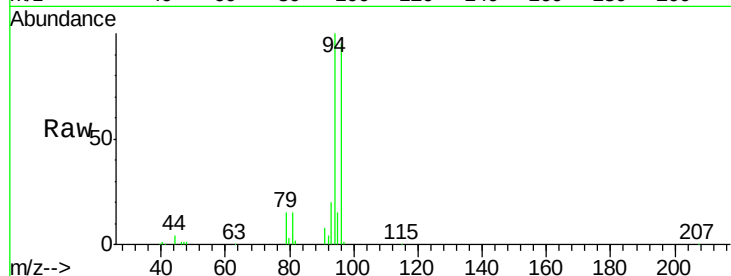
VSTDCCC050EC

Tgt Ion: 94 Resp: 61251

Ion Ratio Lower Upper

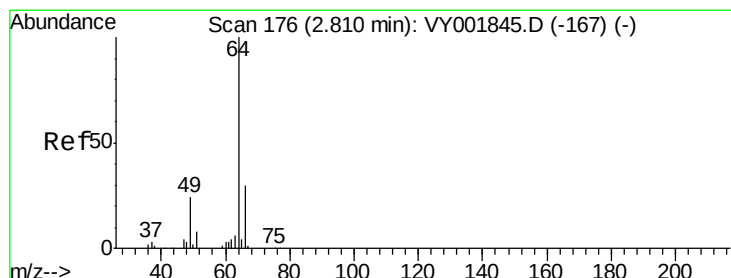
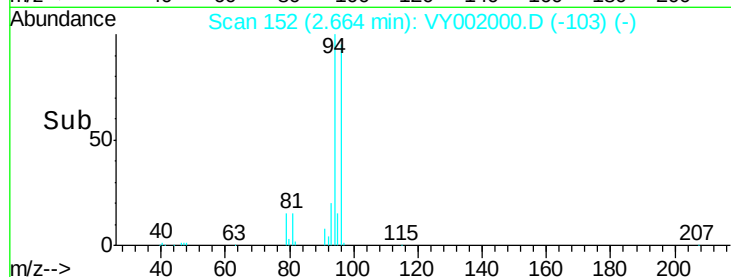
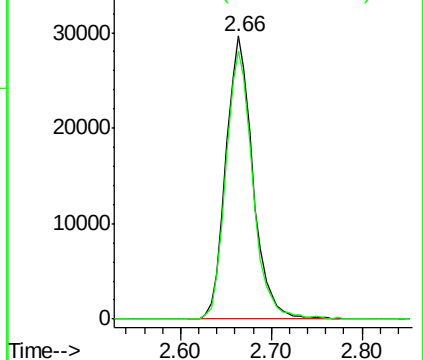
94 100

96 94.6 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: 25.08 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY002000.D

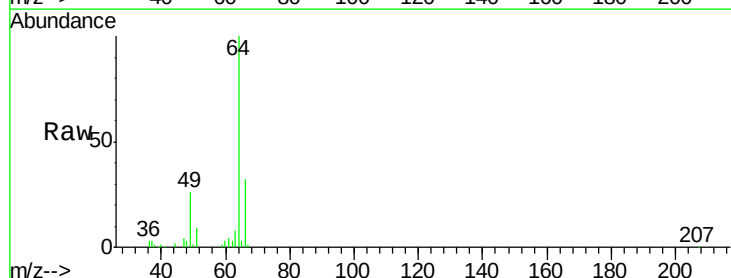
Acq: 17 Mar 2020 17:55

Tgt Ion: 64 Resp: 58569

Ion Ratio Lower Upper

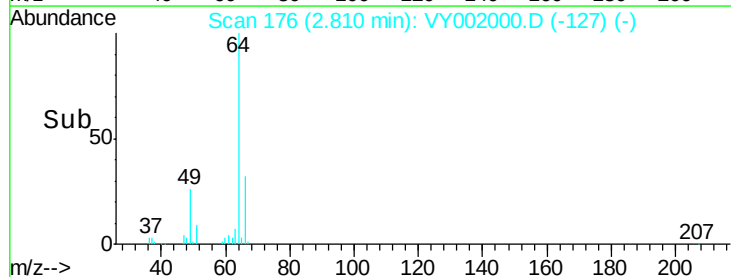
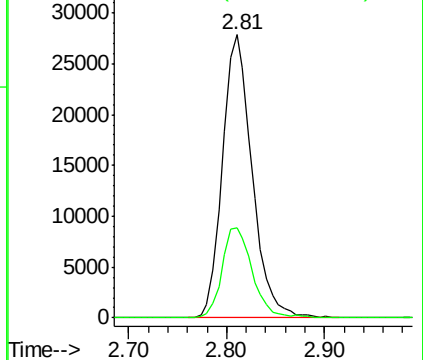
64 100

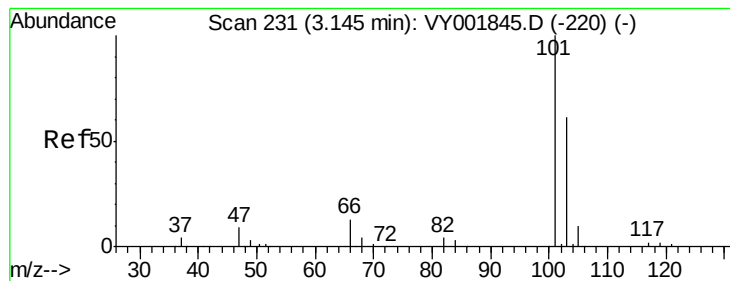
66 31.9 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



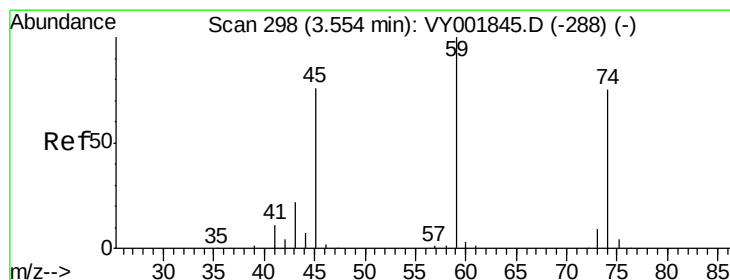
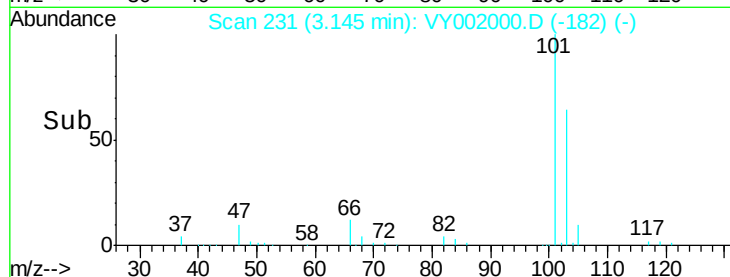
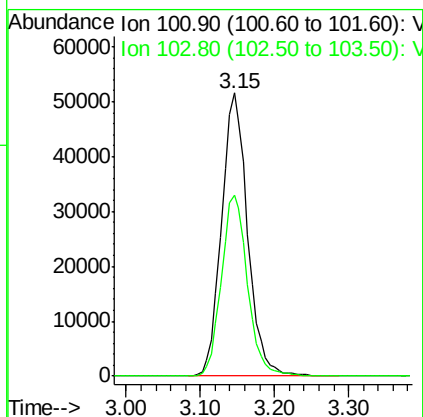
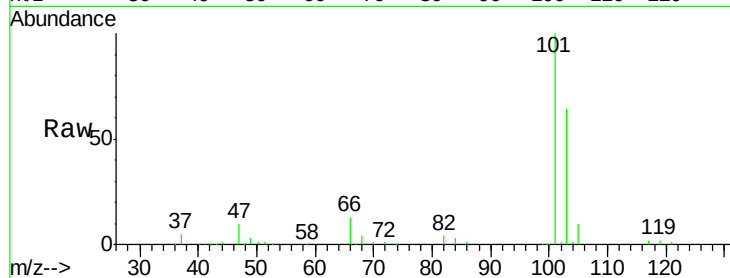


#7

Trichlorofluoromethane
 Concen: 24.90 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

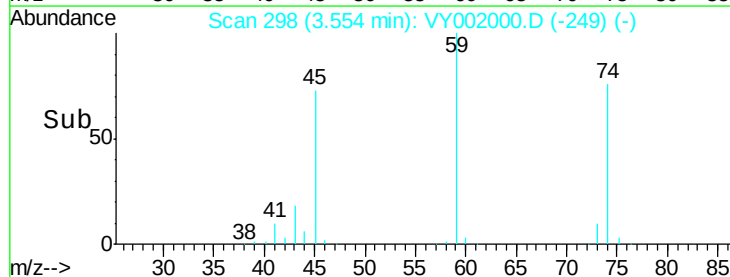
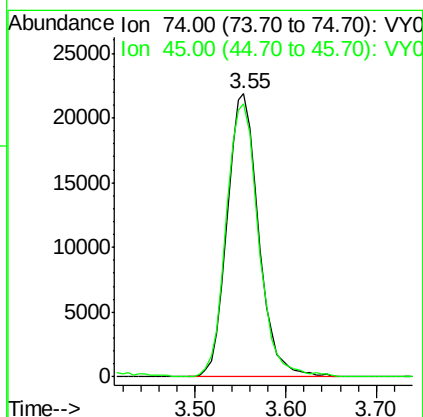
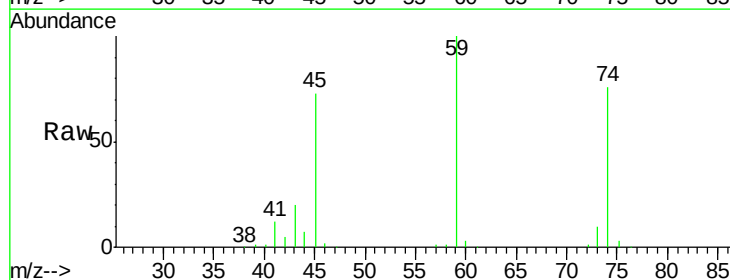
Tgt Ion:101 Resp: 125550
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.1 73.7

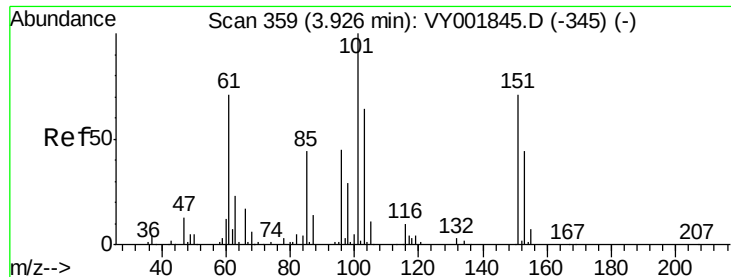


#8

Diethyl Ether
 Concen: 26.53 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 74 Resp: 52731
 Ion Ratio Lower Upper
 74 100
 45 99.6 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.52 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

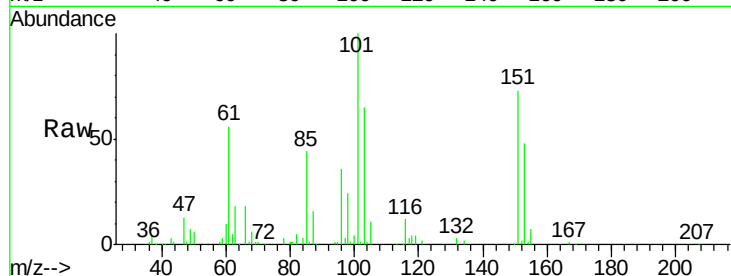
Tgt Ion:101 Resp: 82761

Ion Ratio Lower Upper

101 100

85 43.3 35.3 52.9

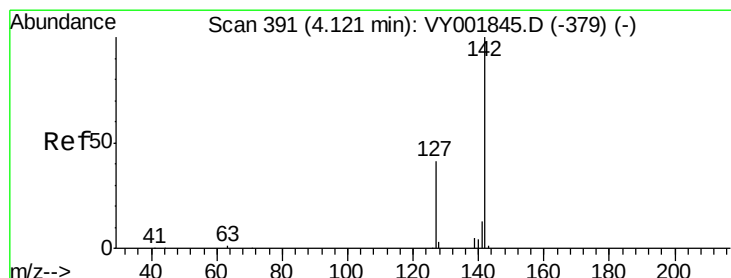
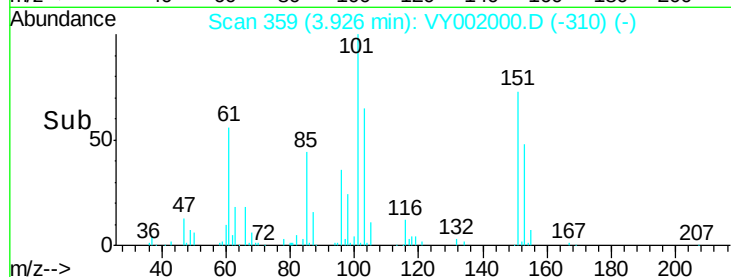
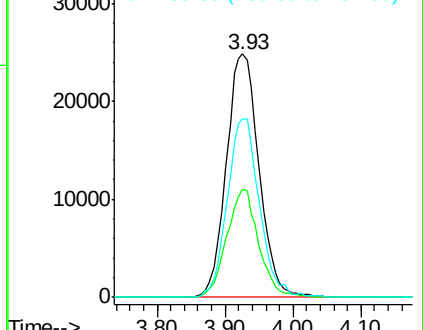
151 72.1 57.0 85.4



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: 25.71 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

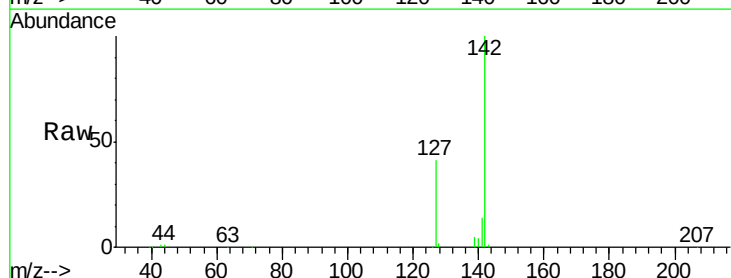
Tgt Ion:142 Resp: 96425

Ion Ratio Lower Upper

142 100

127 40.7 32.7 49.1

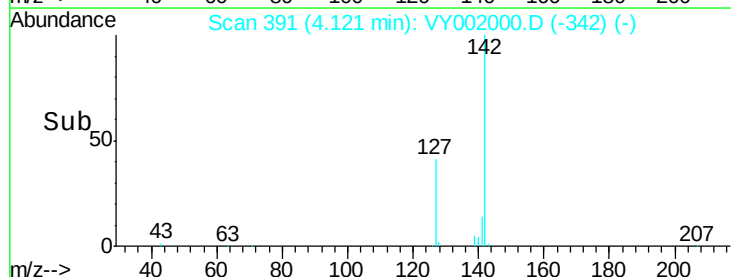
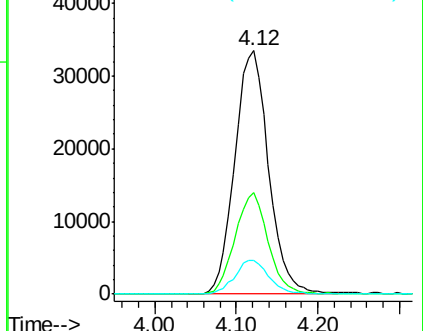
141 13.9 11.0 16.6

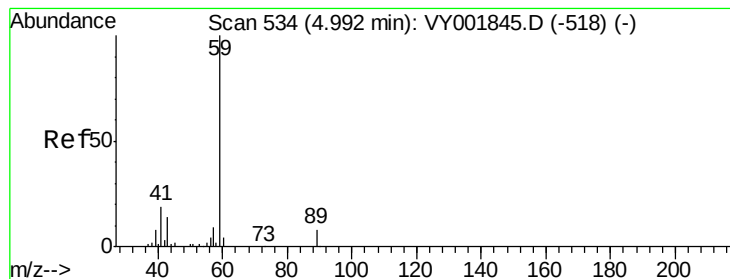


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



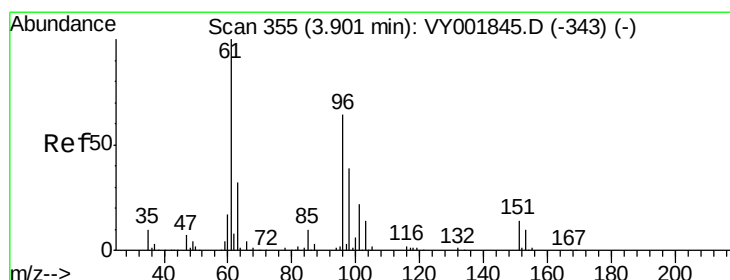
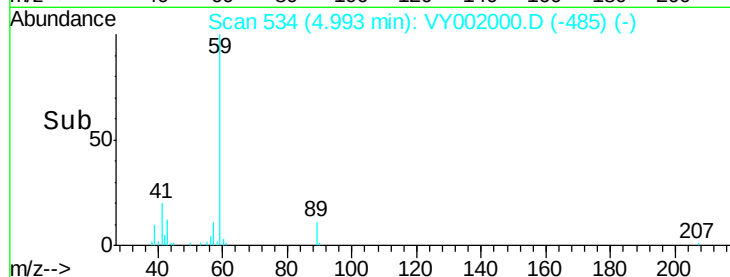
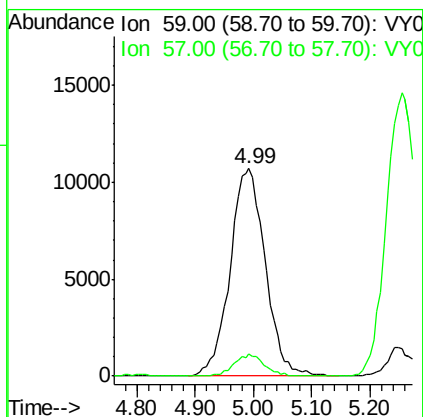
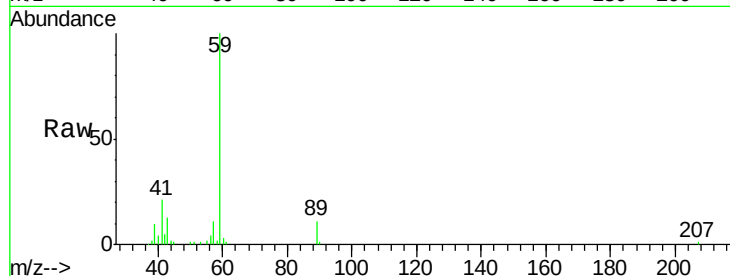


#11

Tert butyl alcohol
 Concen: 126.66 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

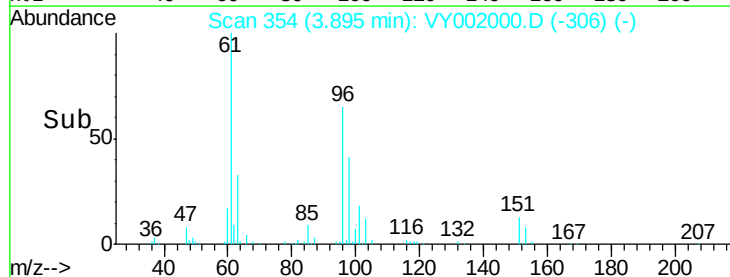
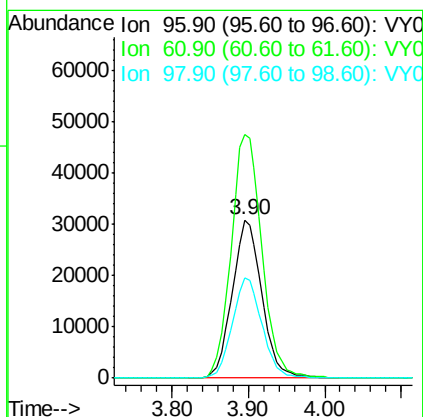
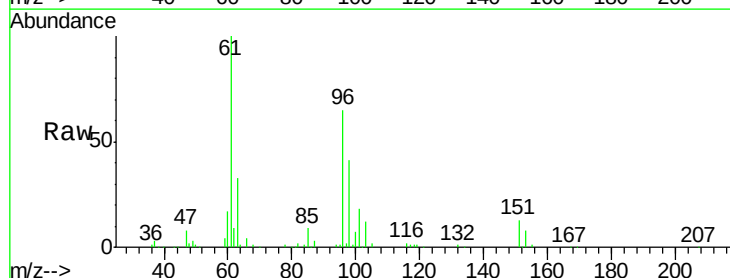
Tgt Ion: 59 Resp: 44962
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.4 11.2

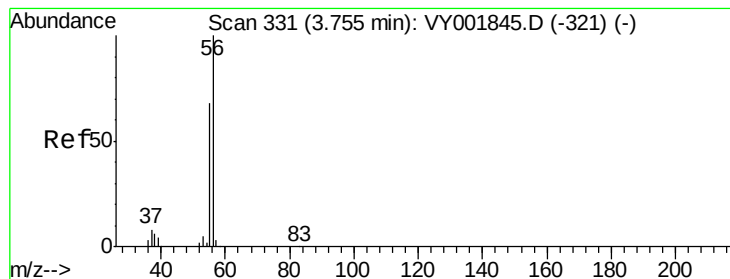


#12

1,1-Dichloroethene
 Concen: 25.18 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 96 Resp: 82229
 Ion Ratio Lower Upper
 96 100
 61 154.0 124.8 187.2
 98 63.4 49.2 73.8





#13

Acrolein

Concen: 116.40 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

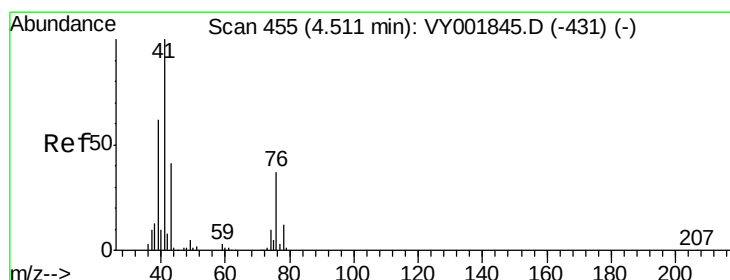
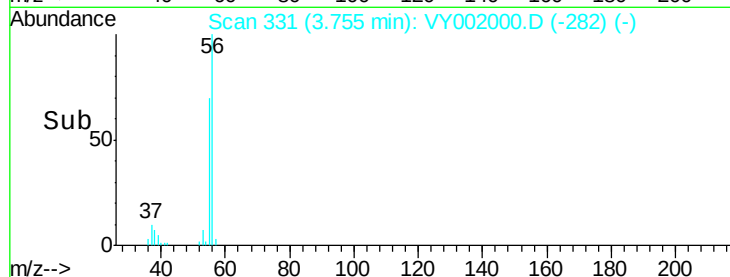
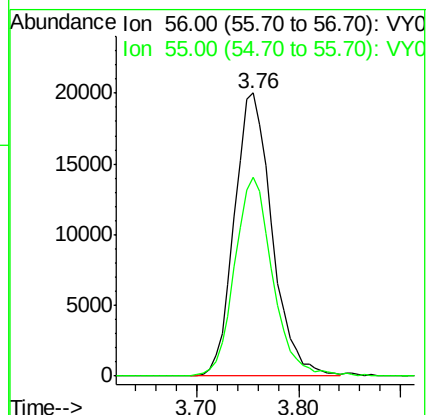
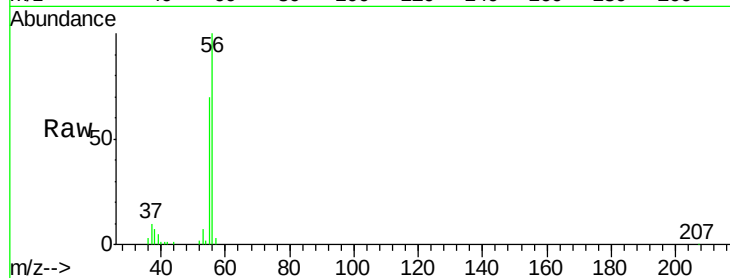
VSTDCCC050EC

Tgt Ion: 56 Resp: 51289

Ion Ratio Lower Upper

56 100

55 70.8 54.0 81.0



#14

Allyl chloride

Concen: 26.02 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

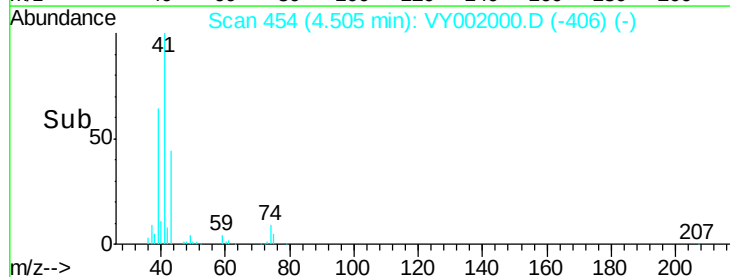
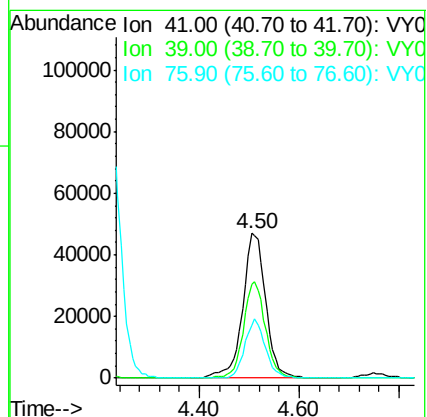
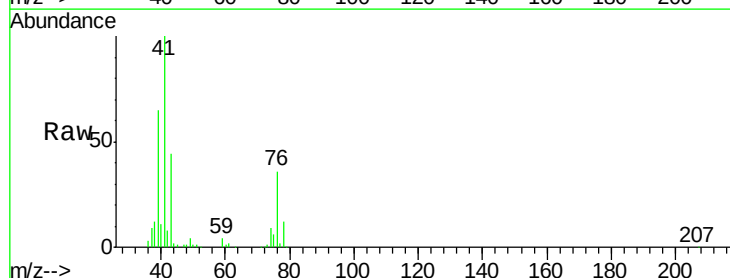
Tgt Ion: 41 Resp: 150640

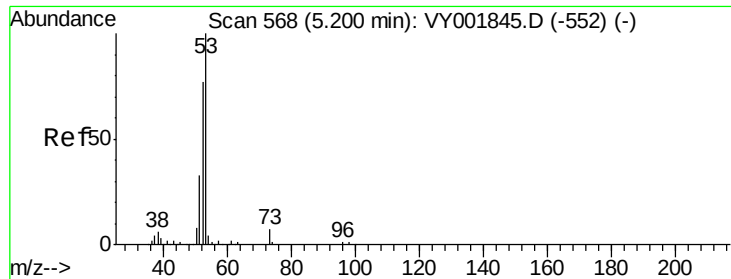
Ion Ratio Lower Upper

41 100

39 63.2 49.0 73.6

76 36.0 28.9 43.3





#15

Acrylonitrile

Concen: 133.47 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

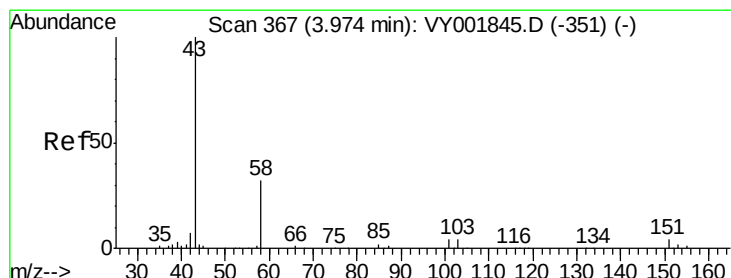
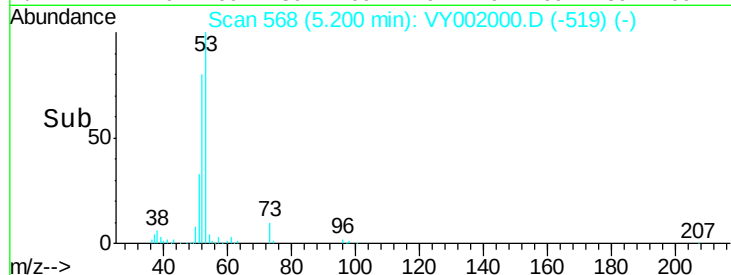
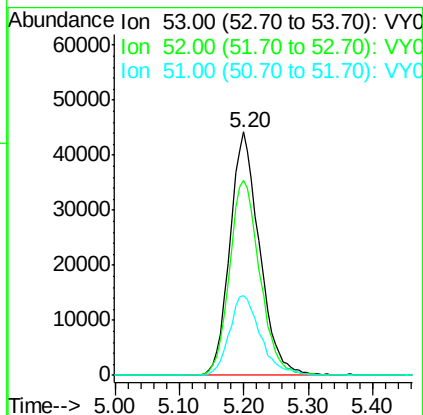
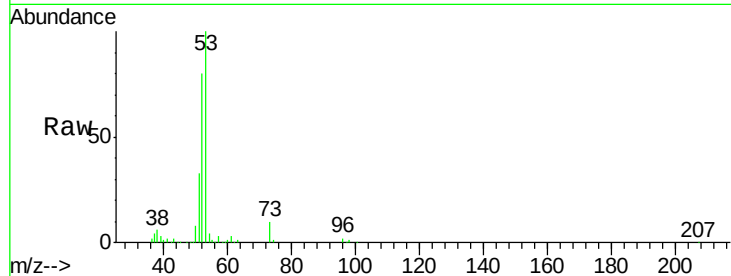
Tgt Ion: 53 Resp: 141740

Ion Ratio Lower Upper

53 100

52 81.8 65.1 97.7

51 34.8 27.5 41.3



#16

Acetone

Concen: 115.50 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002000.D

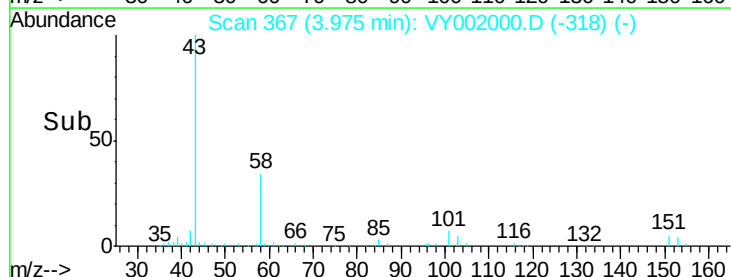
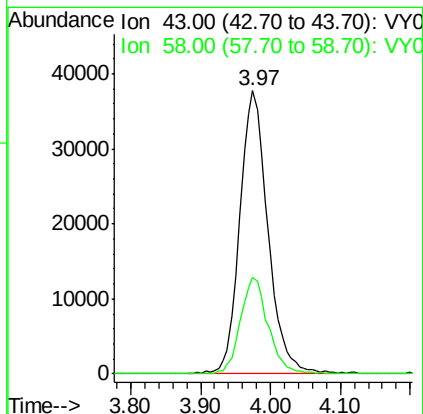
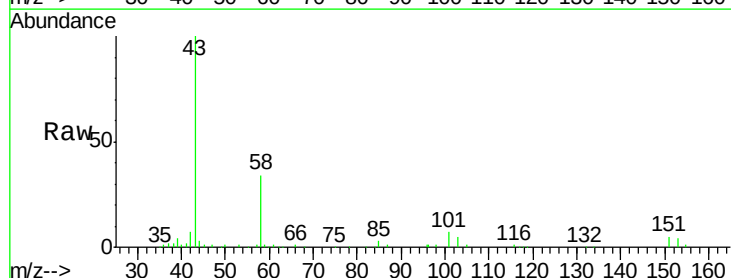
Acq: 17 Mar 2020 17:55

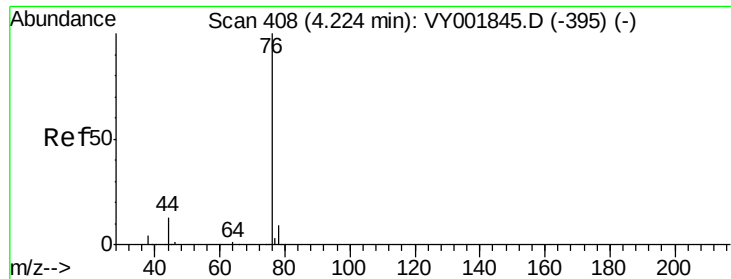
Tgt Ion: 43 Resp: 105476

Ion Ratio Lower Upper

43 100

58 34.0 25.9 38.9





#17

Carbon Disulfide

Concen: 23.18 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

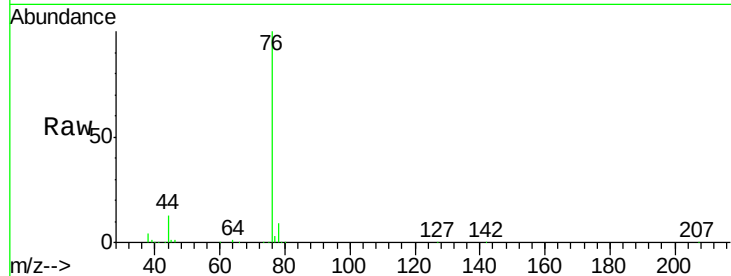
VSTDCCC050EC

Tgt Ion: 76 Resp: 254459

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

100000

80000

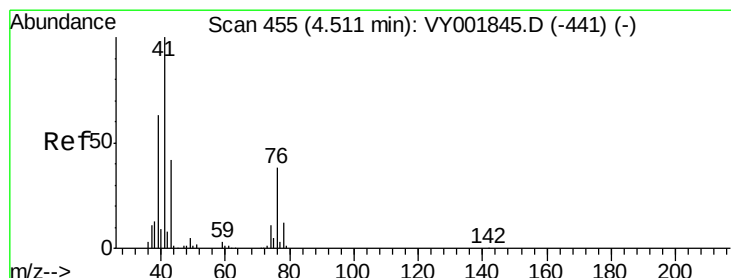
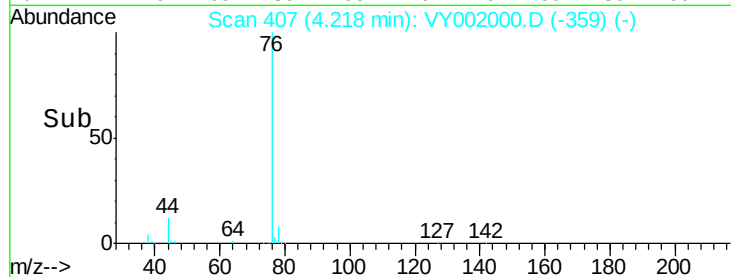
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 26.76 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002000.D

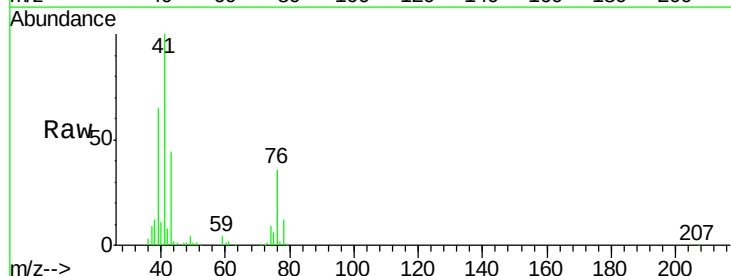
Acq: 17 Mar 2020 17:55

Tgt Ion: 43 Resp: 62797

Ion Ratio Lower Upper

43 100

74 23.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

25000

20000

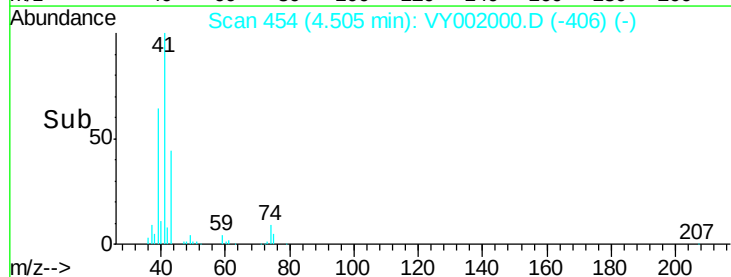
15000

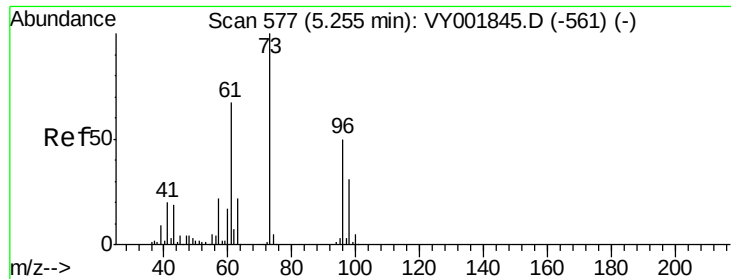
10000

5000

0

Time-->

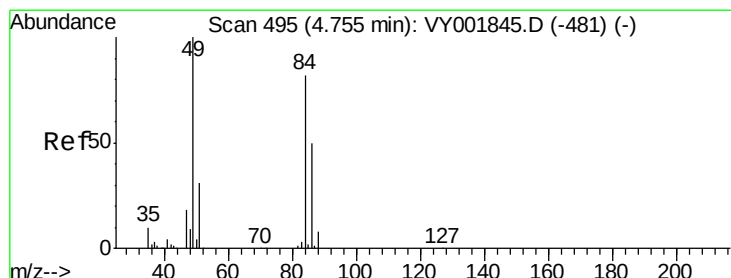
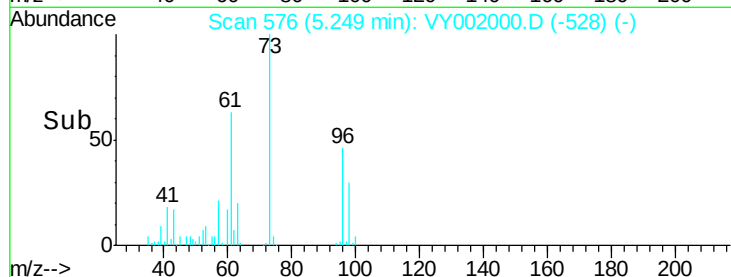
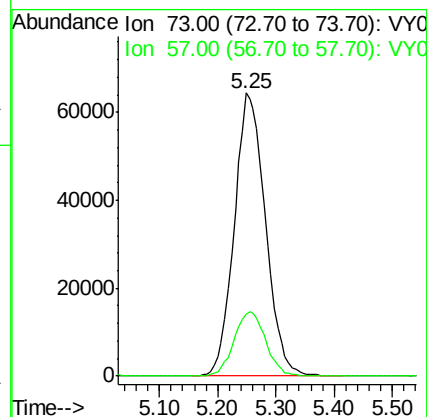
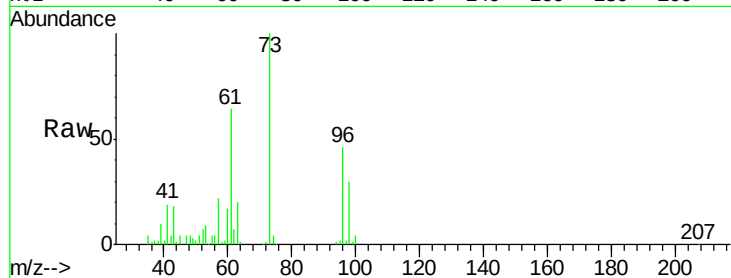




#19
Methyl tert-butyl Ether
Concen: 26.99 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

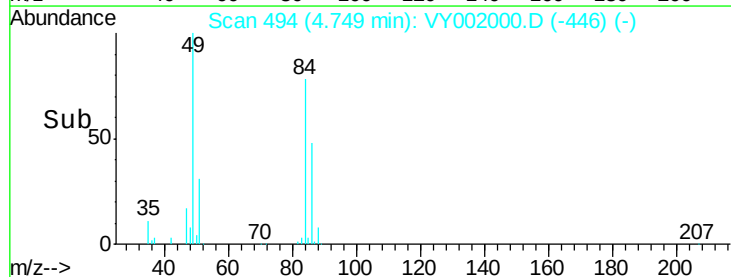
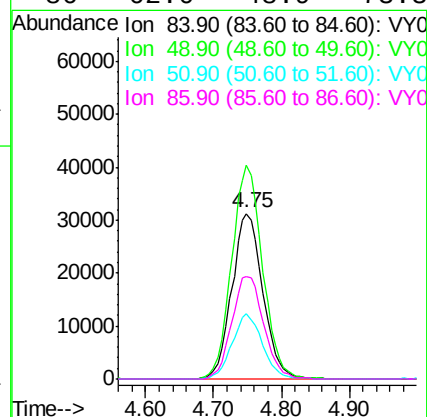
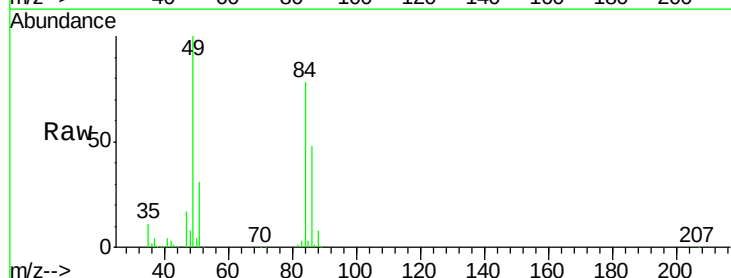
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

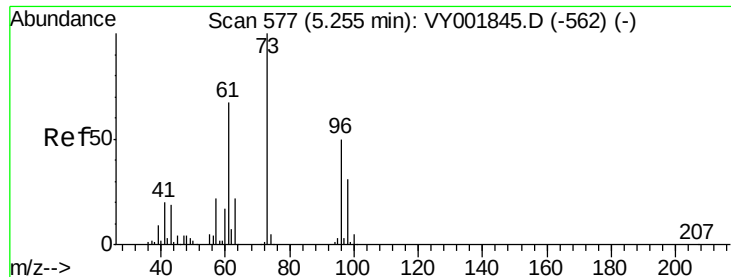
Tgt Ion: 73 Resp: 238844
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2



#20
Methylene Chloride
Concen: 25.17 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 84 Resp: 98497
Ion Ratio Lower Upper
84 100
49 129.0 98.2 147.2
51 39.8 30.2 45.2
86 62.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 25.72 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

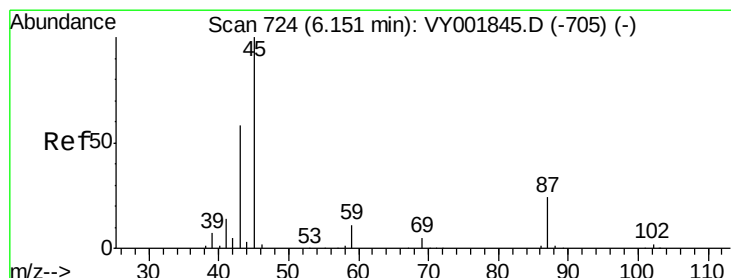
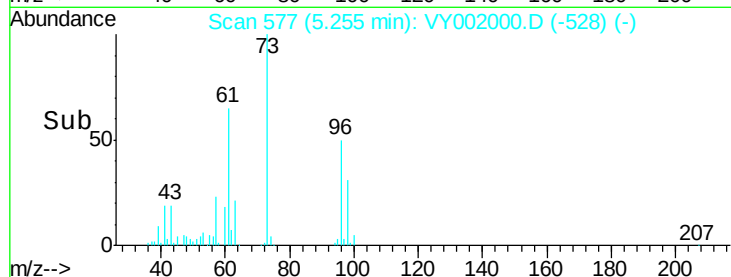
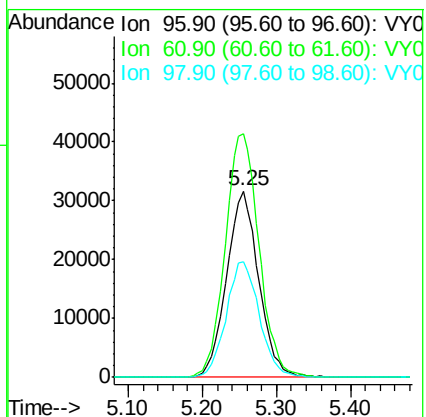
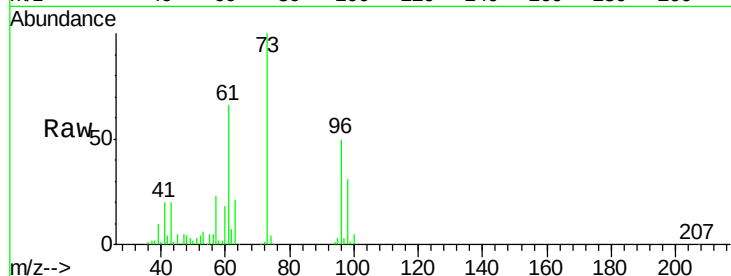
Tgt Ion: 96 Resp: 95344

Ion Ratio Lower Upper

96 100

61 130.8 107.7 161.5

98 62.3 49.3 73.9



#22

Diisopropyl ether

Concen: 27.31 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion: 45 Resp: 324065

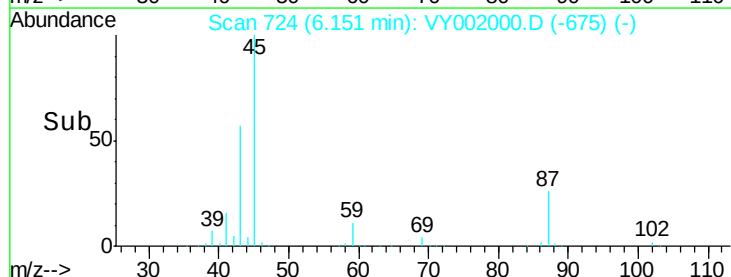
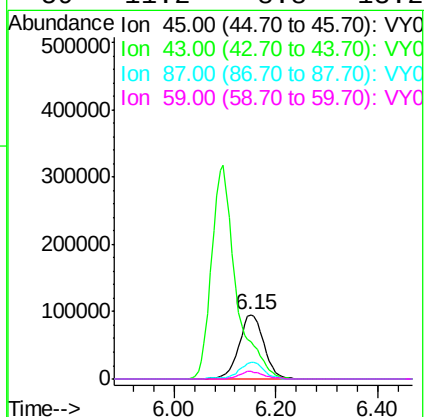
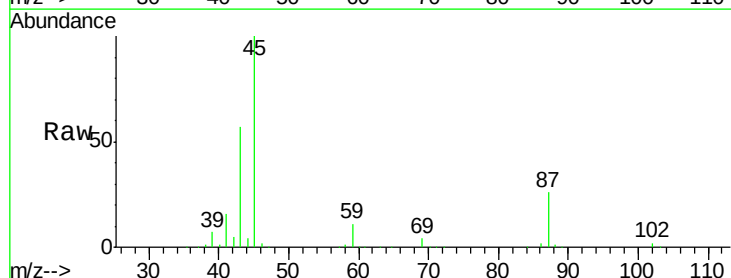
Ion Ratio Lower Upper

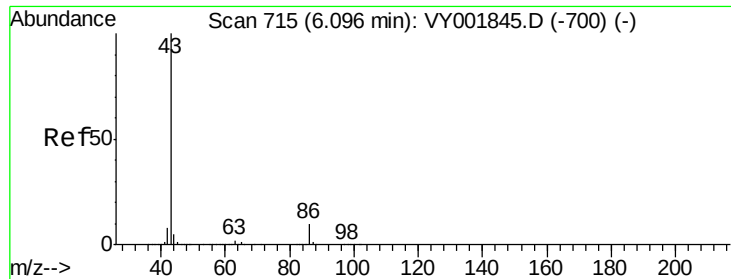
45 100

43 56.6 47.2 70.8

87 26.3 19.8 29.8

59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 135.78 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

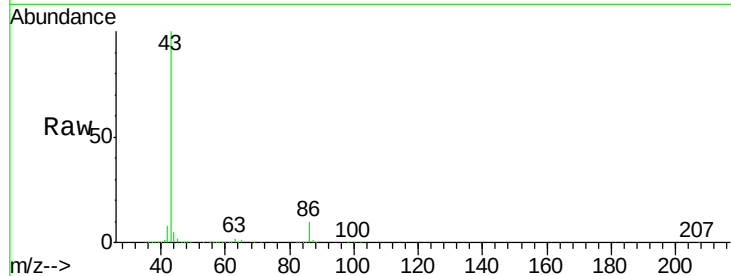
VSTDCCC050EC

Tgt Ion: 43 Resp: 1056264

Ion Ratio Lower Upper

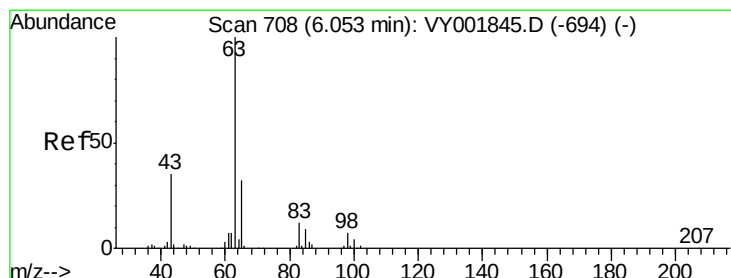
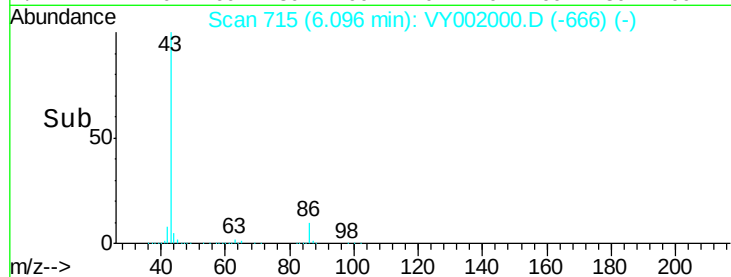
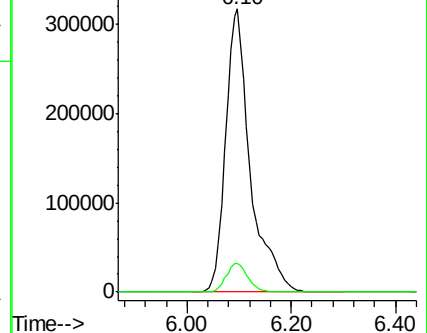
43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 26.63 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

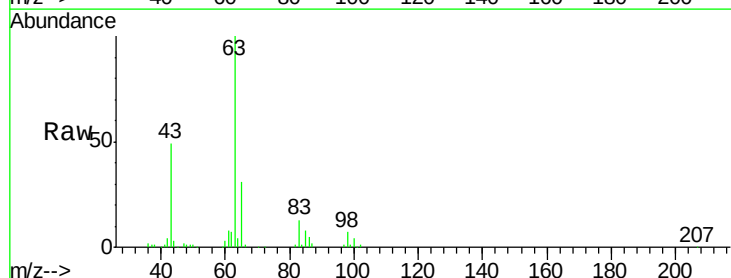
Tgt Ion: 63 Resp: 171158

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

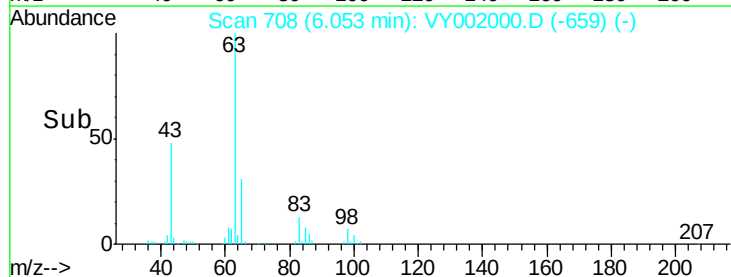
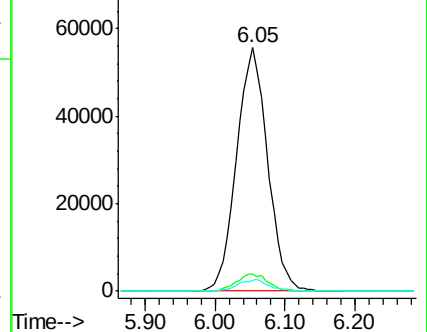
100 4.2 2.0 6.0

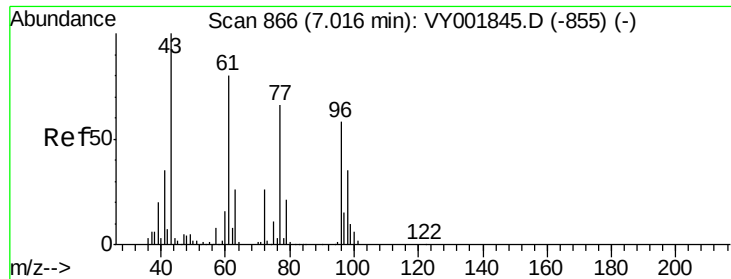


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 128.66 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

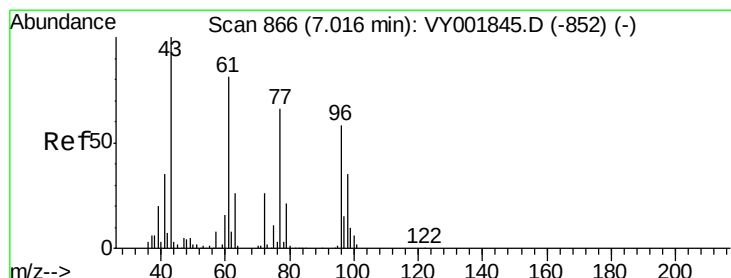
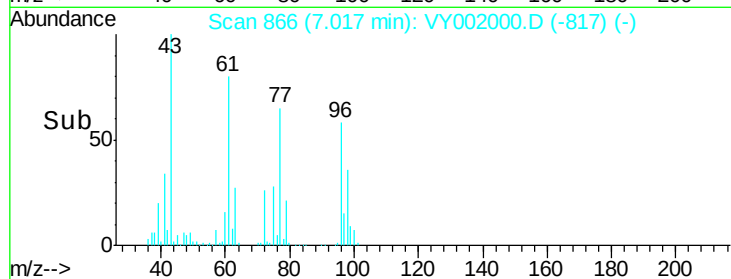
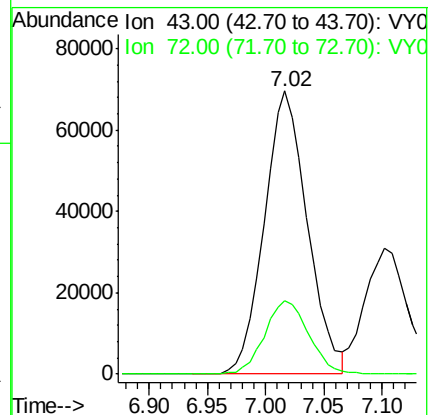
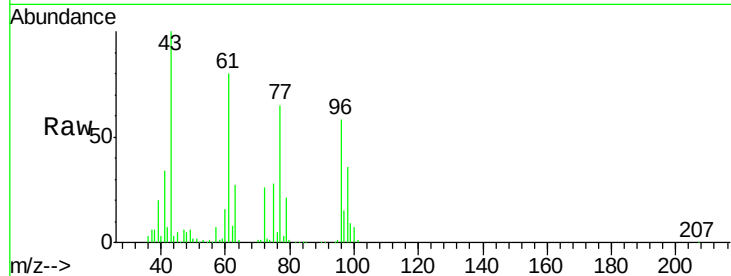
VSTDCCC050EC

Tgt Ion: 43 Resp: 178675

Ion Ratio Lower Upper

43 100

72 25.9 20.9 31.3



#26

2,2-Dichloropropane

Concen: 26.10 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002000.D

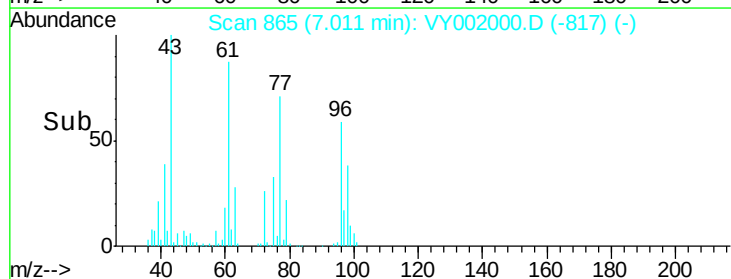
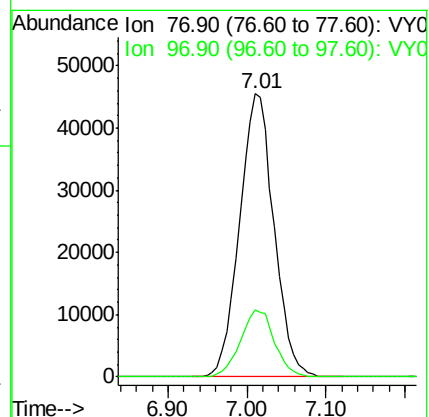
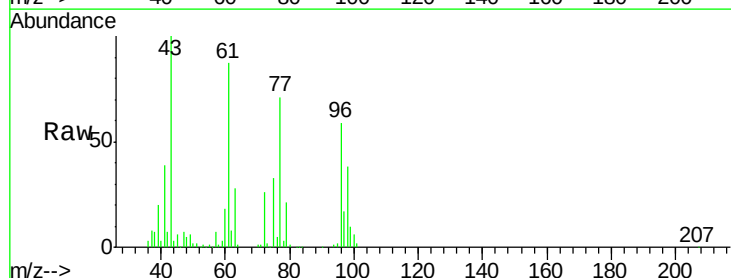
Acq: 17 Mar 2020 17:55

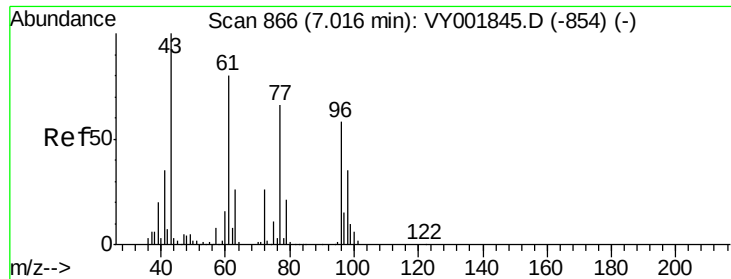
Tgt Ion: 77 Resp: 137649

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 26.58 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

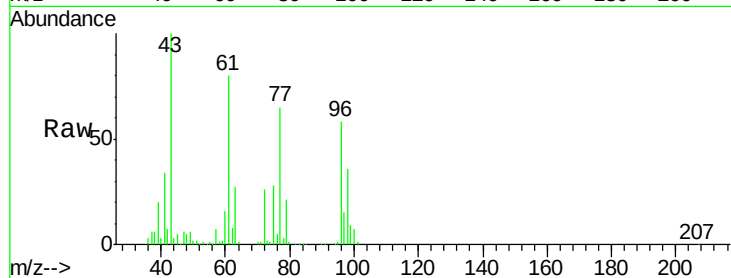
Tgt Ion: 96 Resp: 107156

Ion Ratio Lower Upper

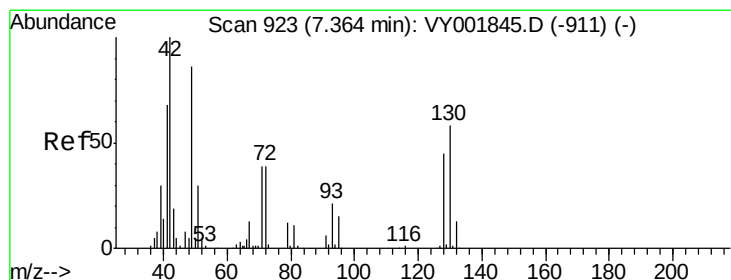
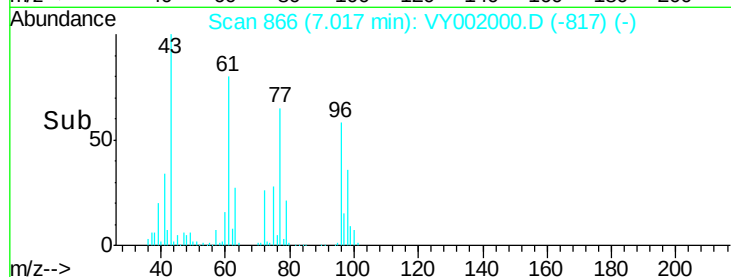
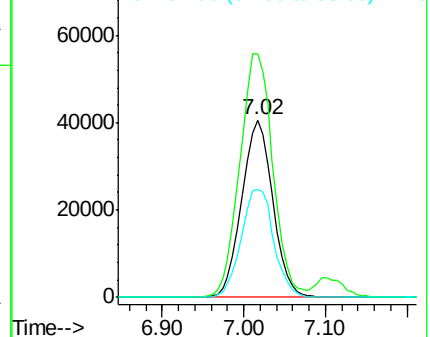
96 100

61 146.4 0.0 288.2

98 64.1 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: 27.45 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

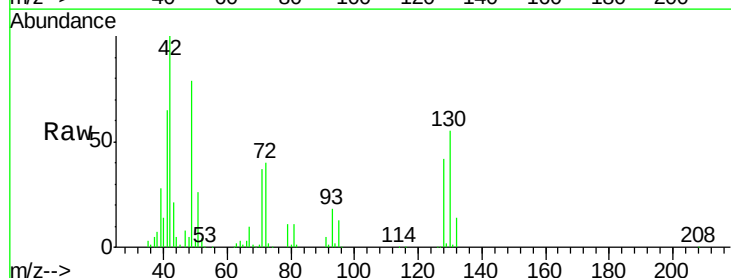
Tgt Ion: 49 Resp: 79507

Ion Ratio Lower Upper

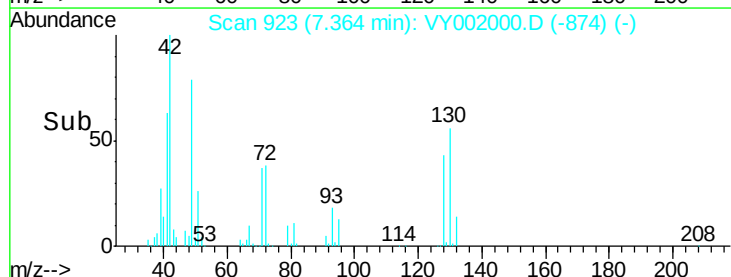
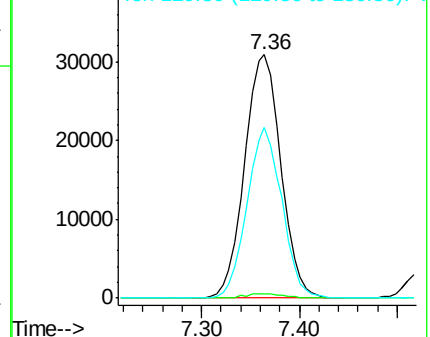
49 100

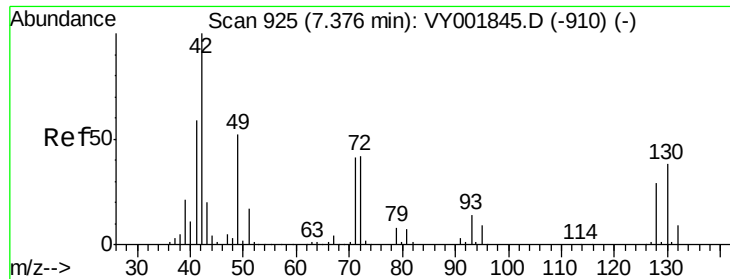
129 1.8 0.0 3.8

130 67.3 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: 132.51 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

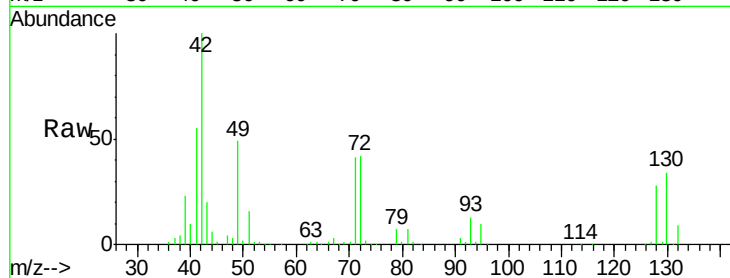
Tgt Ion: 42 Resp: 122206

Ion Ratio Lower Upper

42 100

72 41.5 33.5 50.3

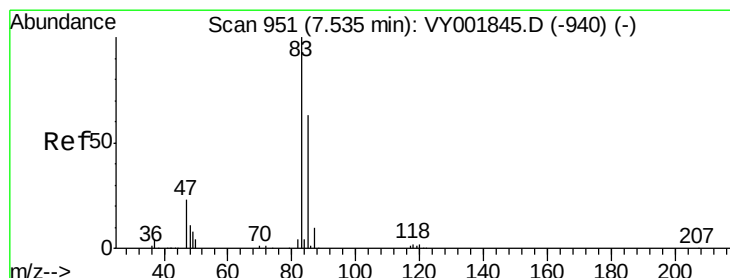
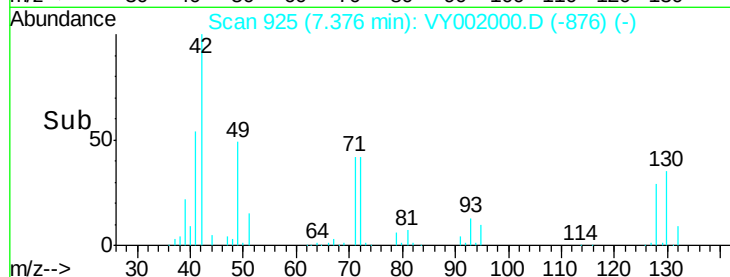
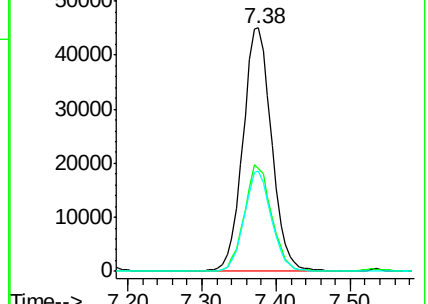
71 38.9 31.3 46.9



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: 27.00 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.00 min

Lab File: VY002000.D

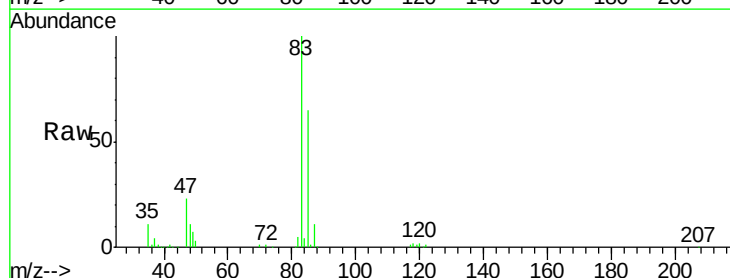
Acq: 17 Mar 2020 17:55

Tgt Ion: 83 Resp: 163019

Ion Ratio Lower Upper

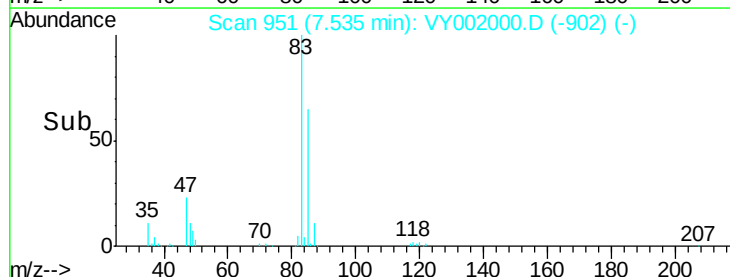
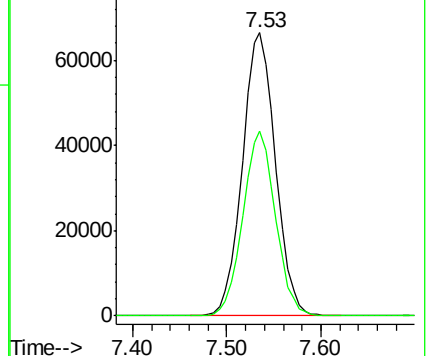
83 100

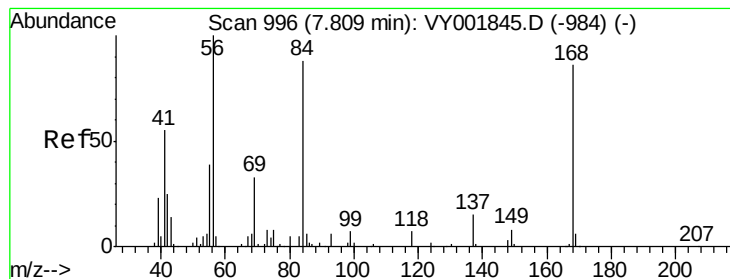
85 65.4 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 24.70 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

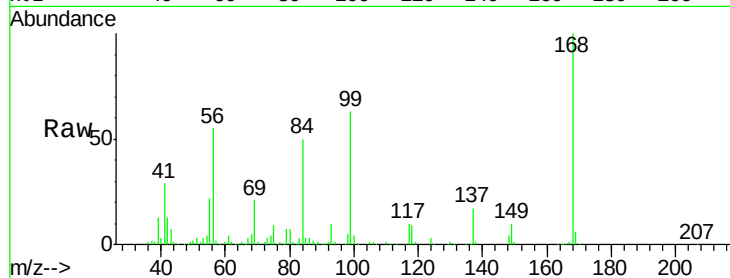
Tgt Ion: 56 Resp: 170184

Ion Ratio Lower Upper

56 100

69 37.2 26.7 40.1

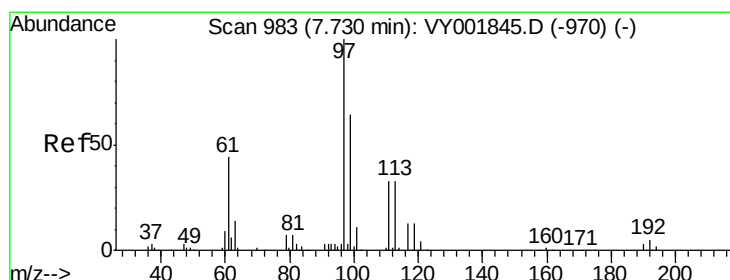
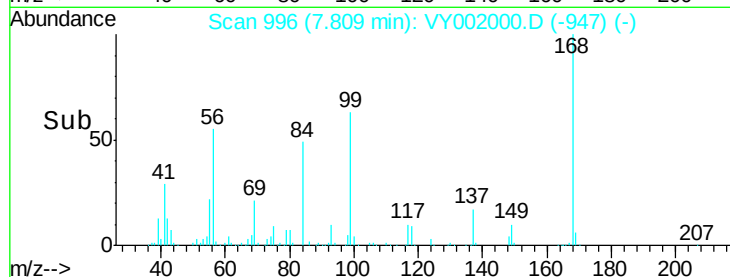
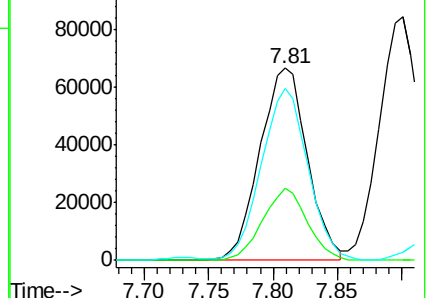
84 88.0 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY002000.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY002000.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY002000.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 26.66 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

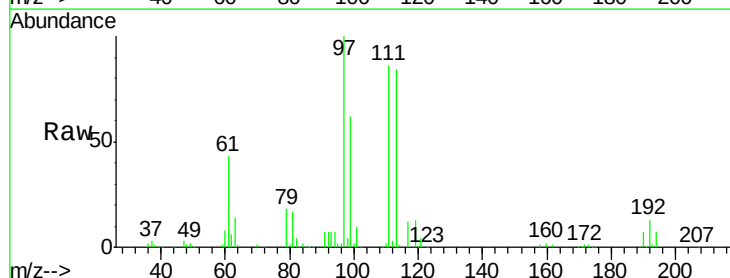
Tgt Ion: 97 Resp: 135666

Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

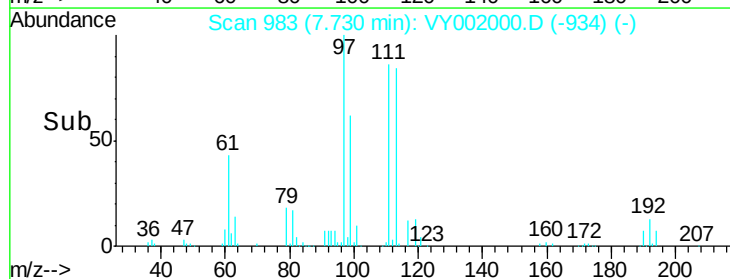
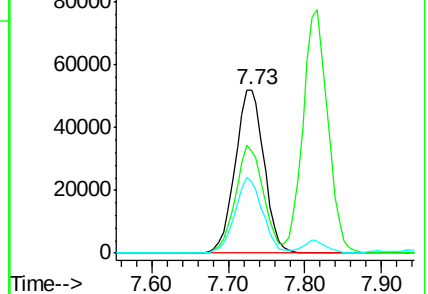
61 44.2 35.0 52.4

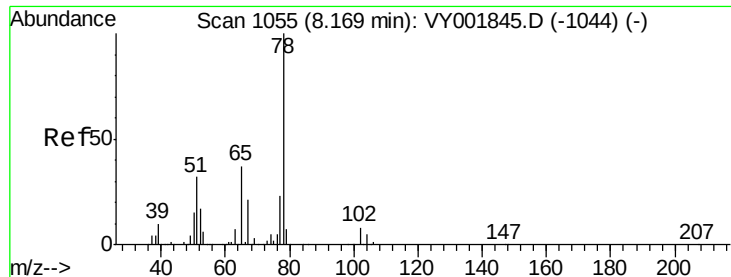


Abundance Ion 96.90 (96.60 to 97.60): VY002000.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY002000.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY002000.D (-934) (-)

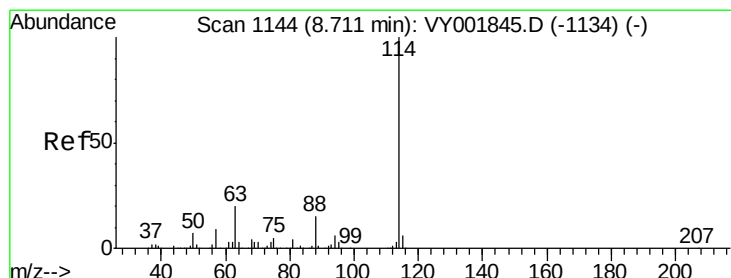
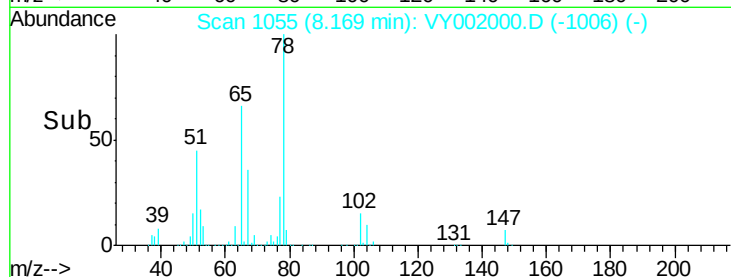
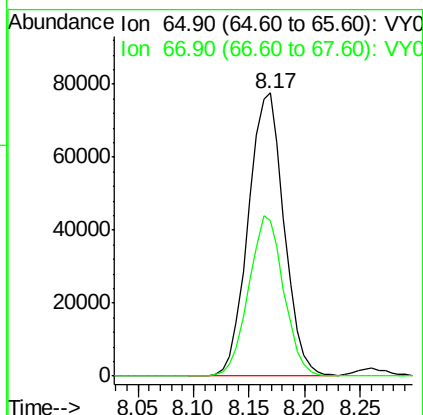
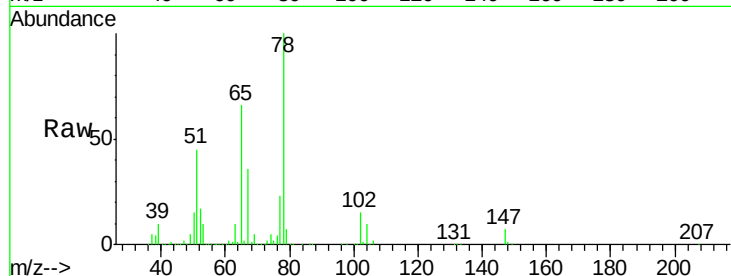




#33
 1,2-Dichloroethane-d4
 Concen: 55.49 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

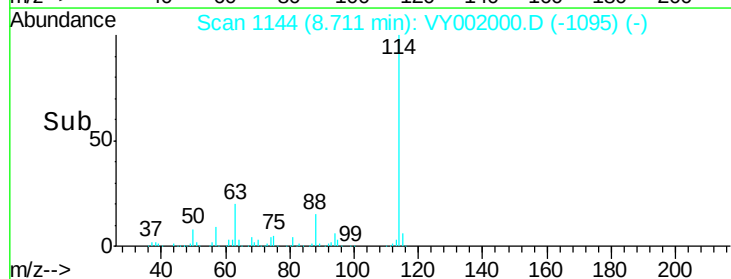
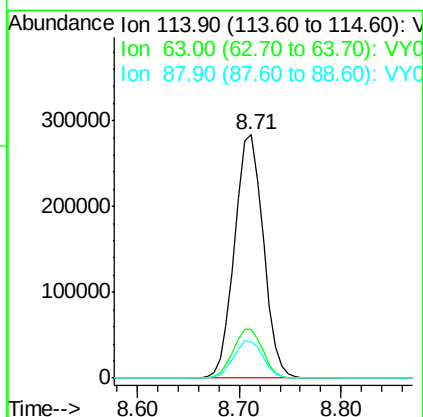
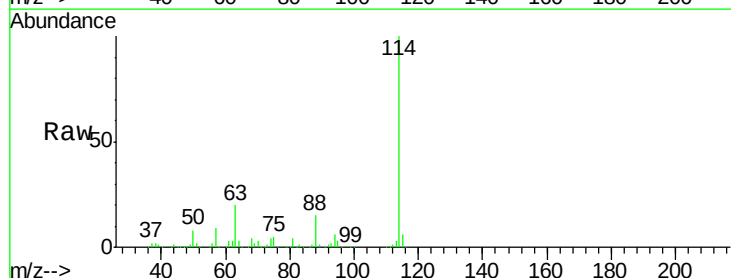
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

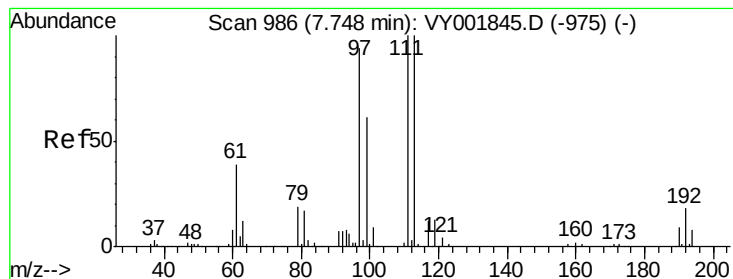
Tgt Ion: 65 Resp: 174001
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 114 Resp: 553821
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.72 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

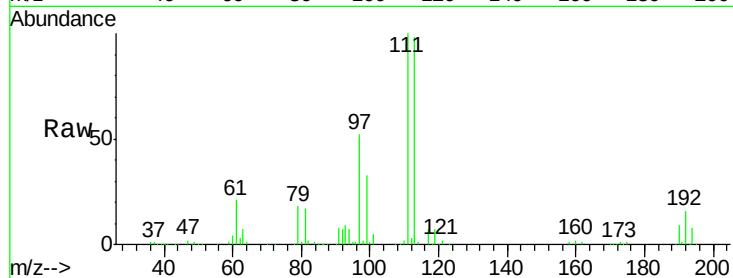
Tgt Ion:113 Resp: 159430

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

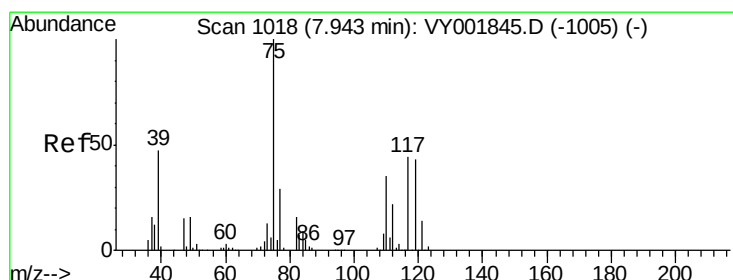
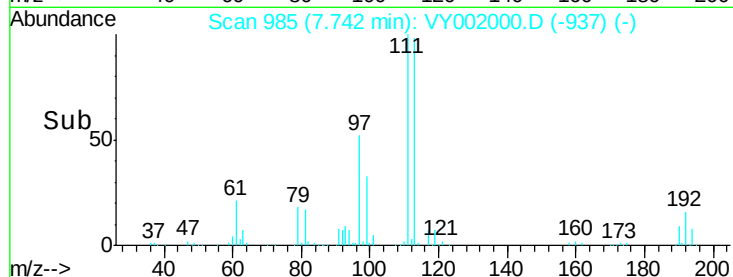
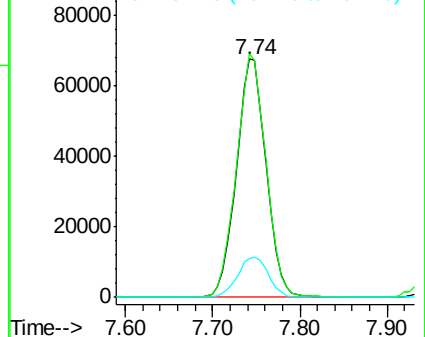
192 17.6 14.2 21.2



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: 24.86 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

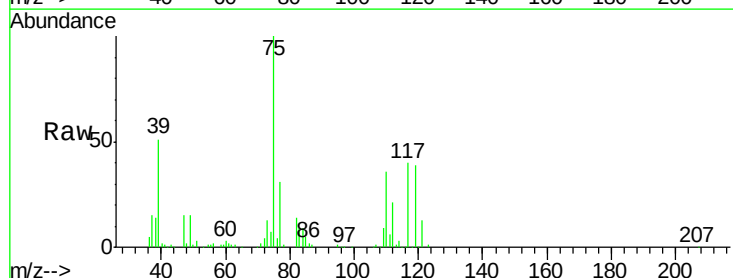
Tgt Ion: 75 Resp: 132464

Ion Ratio Lower Upper

75 100

110 34.9 17.4 52.2

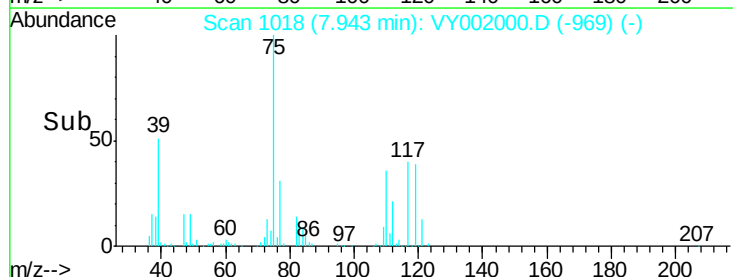
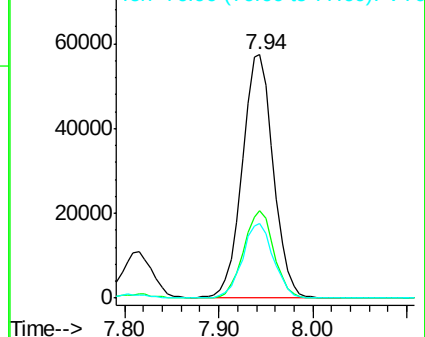
77 30.9 24.2 36.2

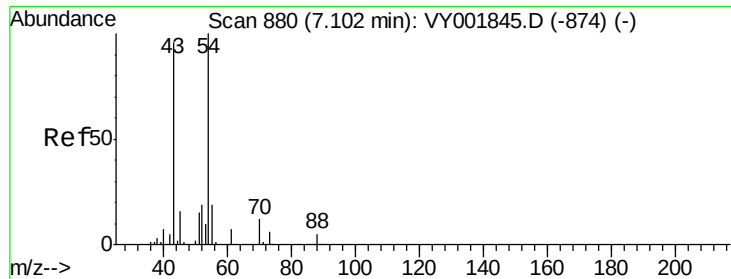


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

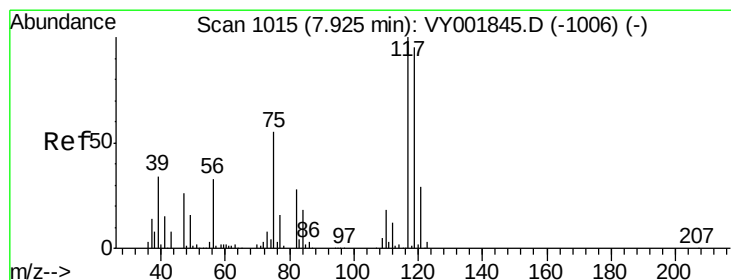
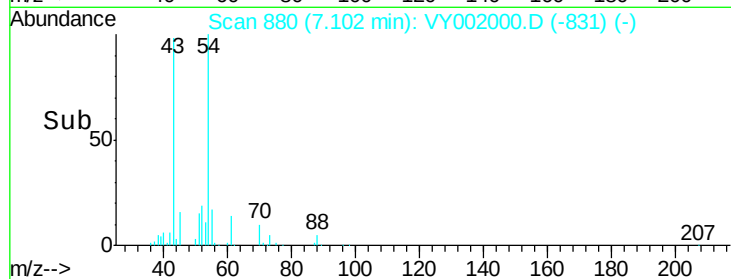
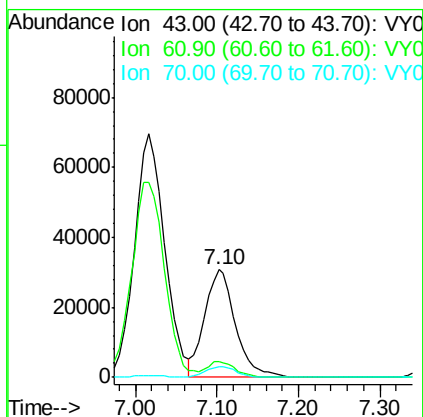
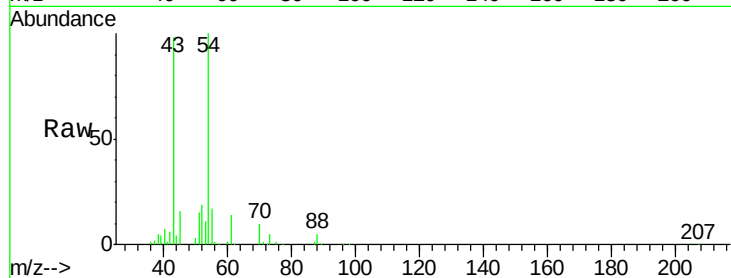




#37
Ethyl Acetate
Concen: 26.19 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

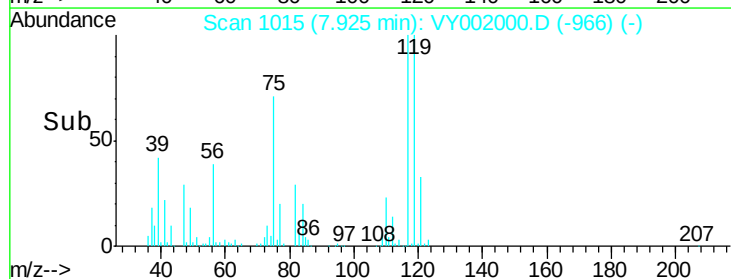
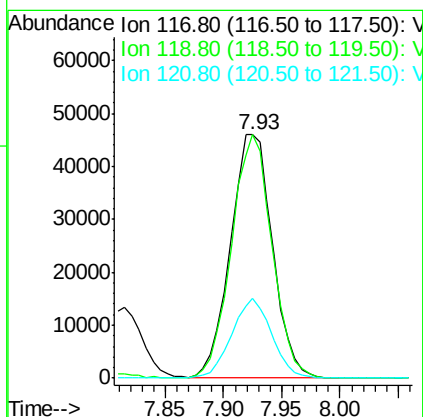
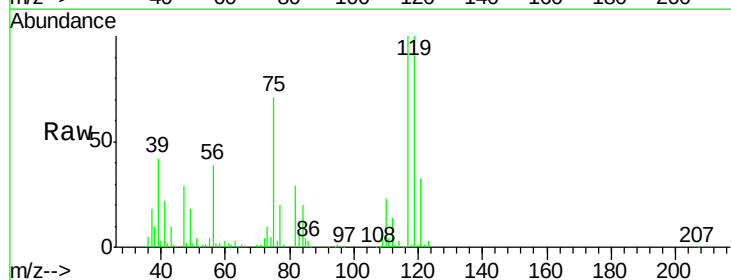
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

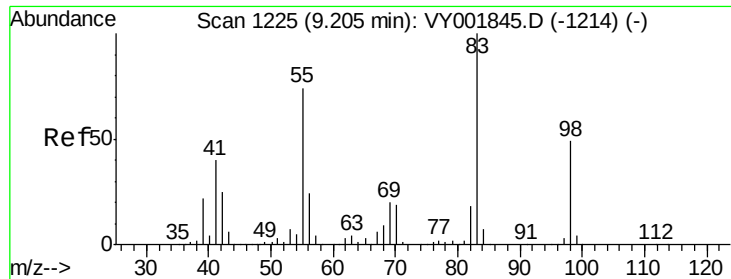
Tgt Ion: 43 Resp: 81108
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 10.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 25.44 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 117 Resp: 115826
Ion Ratio Lower Upper
117 100
119 100.1 76.3 114.5
121 32.5 23.5 35.3

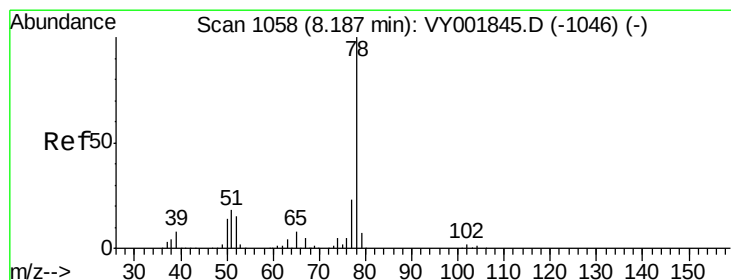
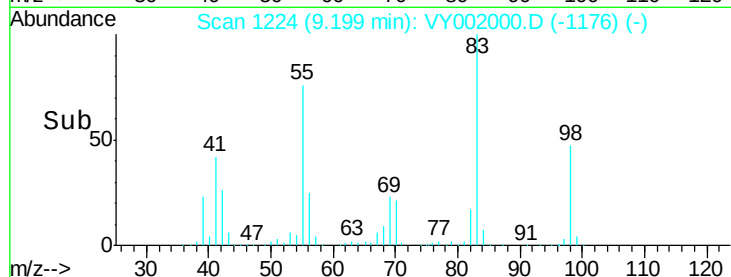
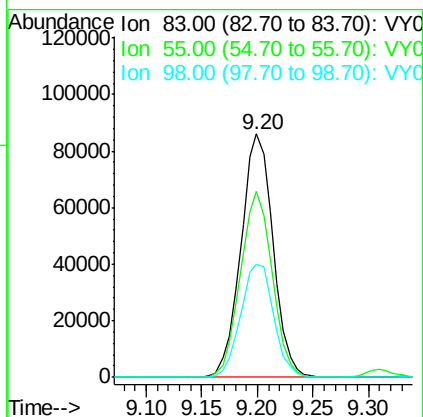
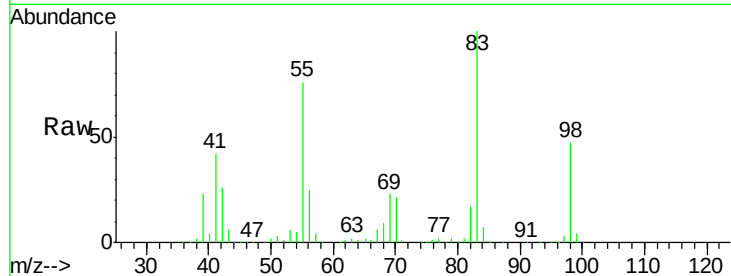




#39
Methylcyclohexane
Concen: 24.48 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

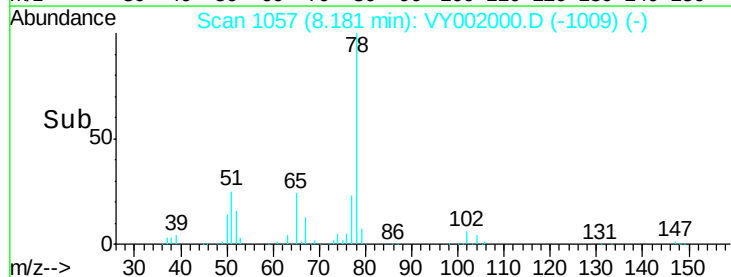
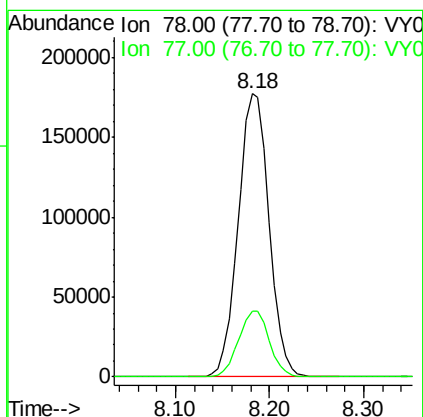
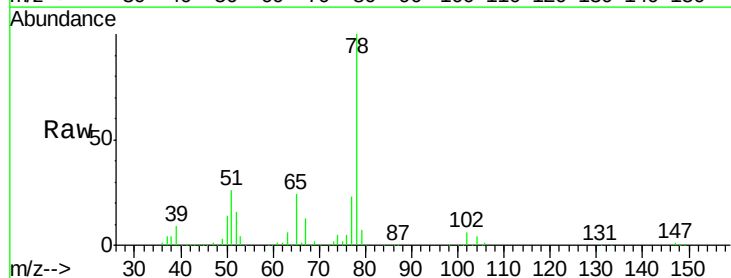
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

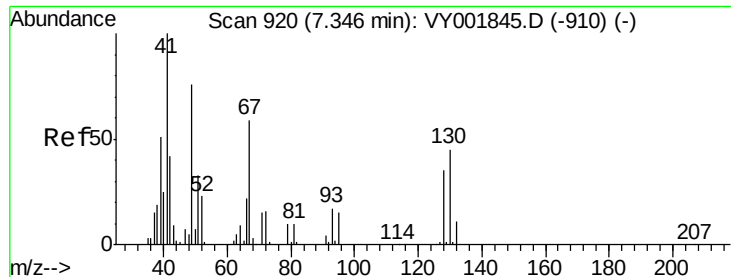
Tgt Ion: 83 Resp: 173018
Ion Ratio Lower Upper
83 100
55 76.2 59.4 89.0
98 46.5 38.9 58.3



#40
Benzene
Concen: 25.63 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 78 Resp: 404812
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

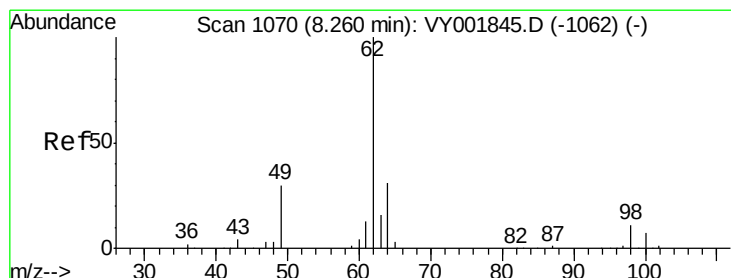
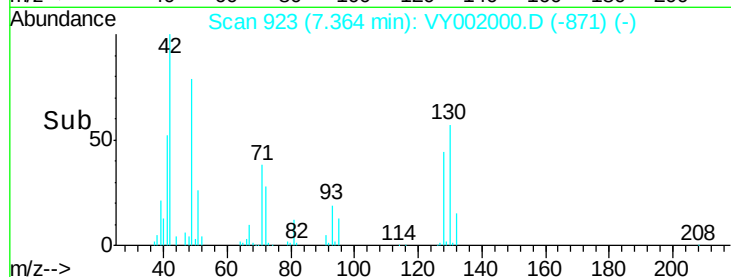
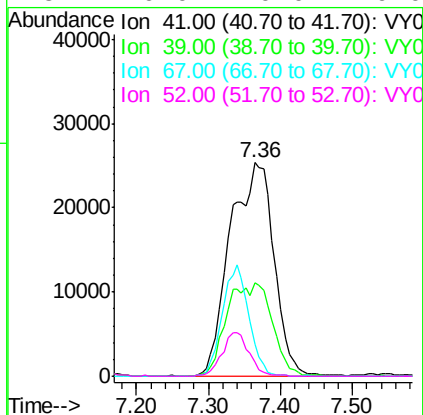
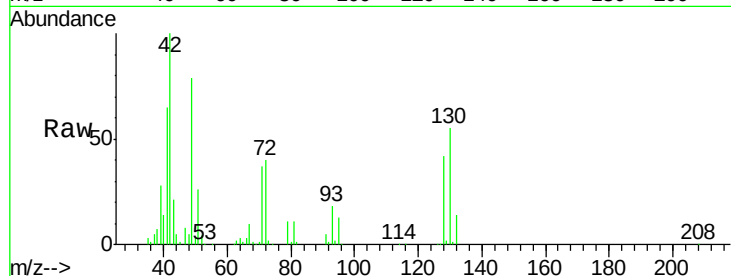




#41
Methacrylonitrile
Concen: 76.90 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

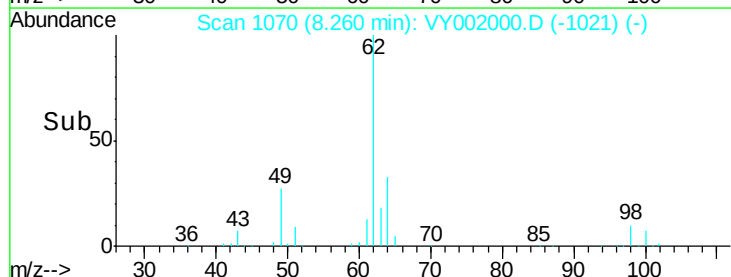
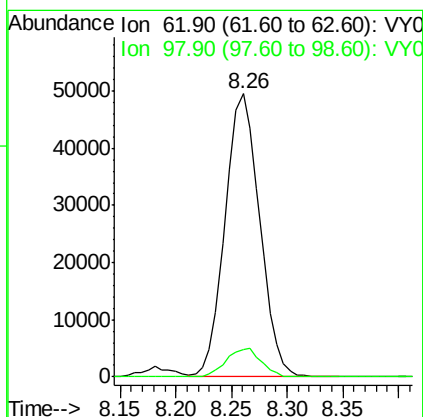
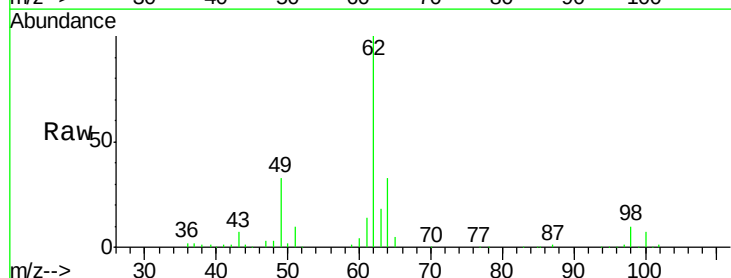
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

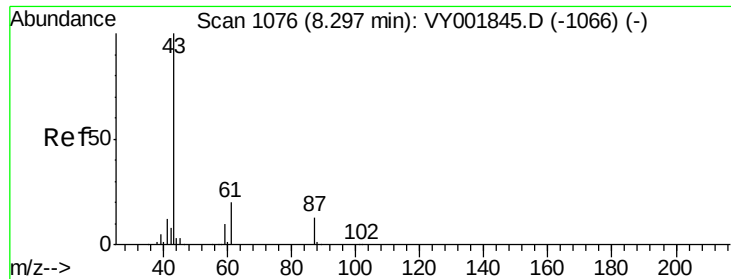
Tgt Ion:	41	Resp:	107191
Ion	Ratio	Lower	Upper
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 26.33 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion:	62	Resp:	107191
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.4

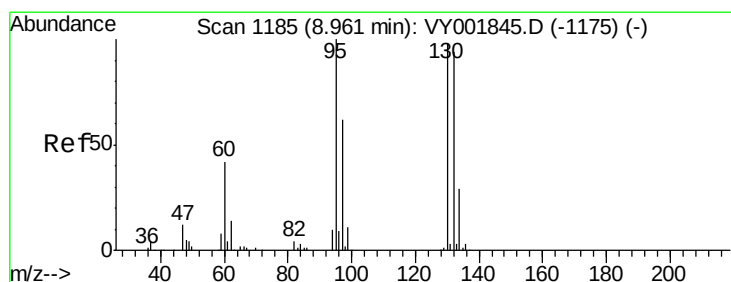
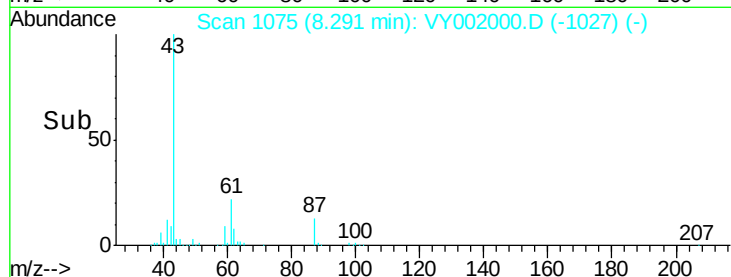
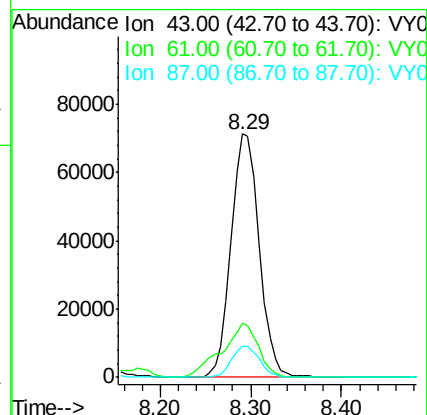
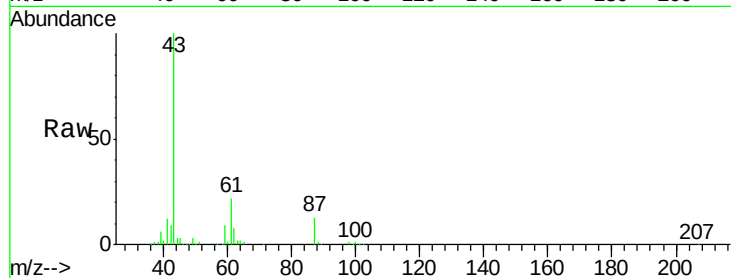




#43
Isopropyl Acetate
Concen: 26.20 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

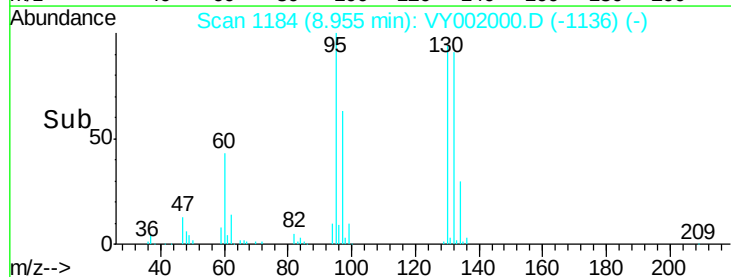
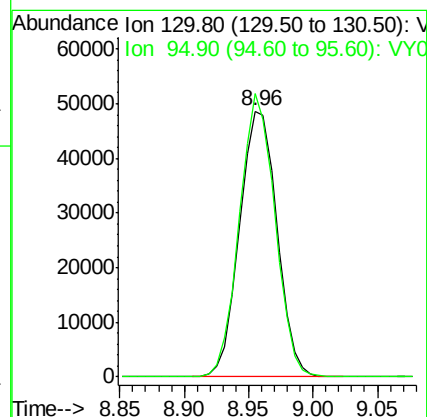
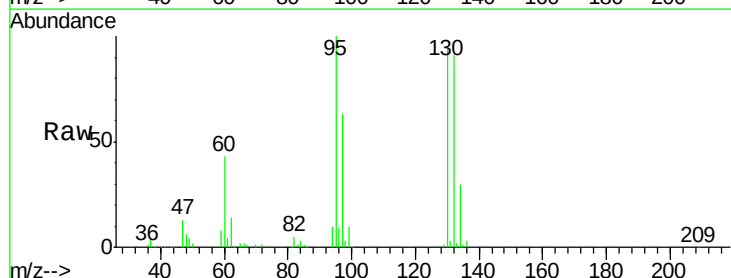
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

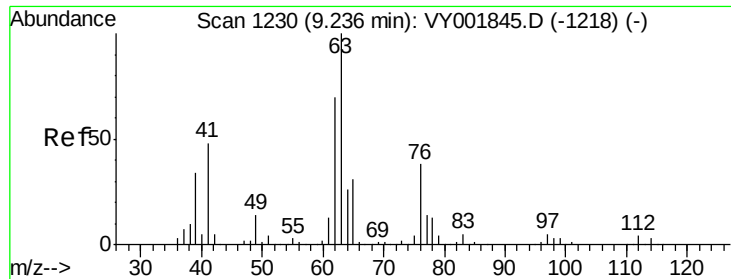
Tgt Ion: 43 Resp: 153654
Ion Ratio Lower Upper
43 100
61 28.9 23.8 35.6
87 12.8 10.9 16.3



#44
Trichloroethene
Concen: 25.46 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 130 Resp: 97951
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.6

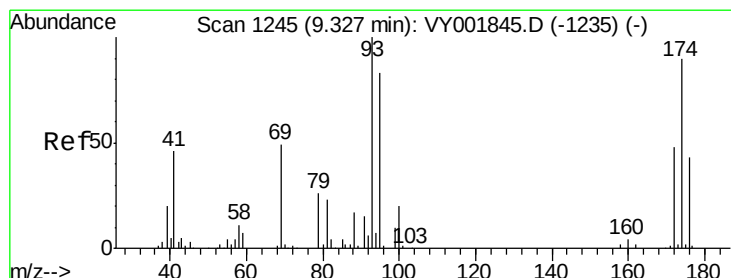
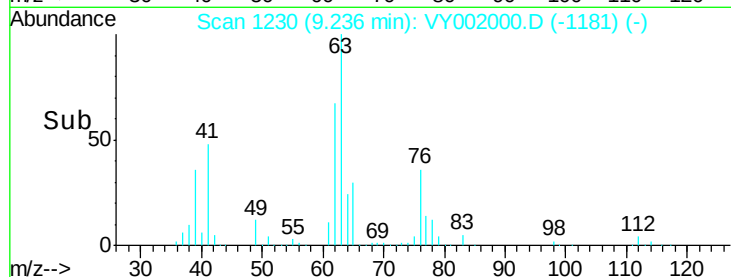
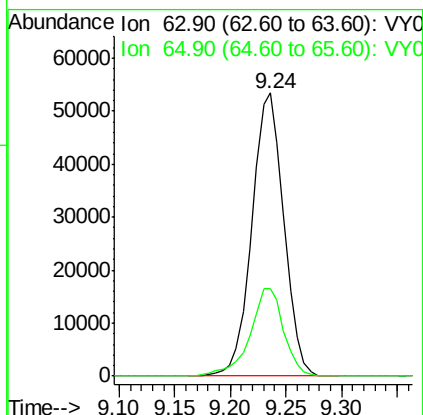
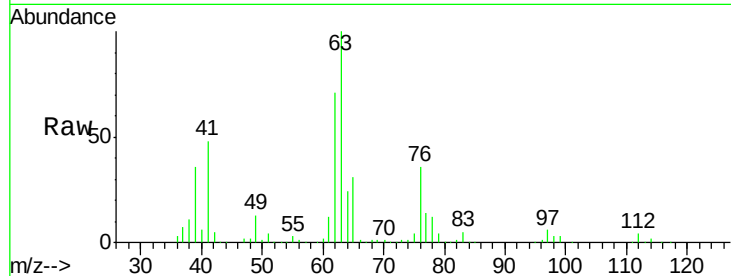




#45
 1,2-Dichloropropane
 Concen: 26.84 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

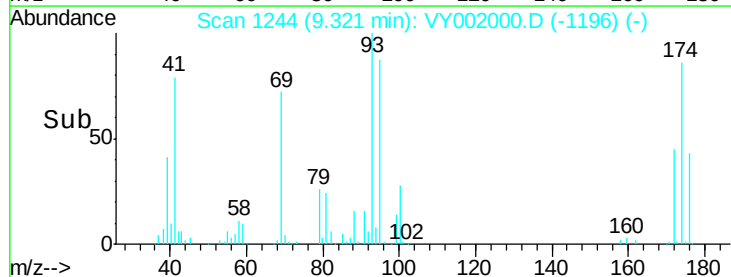
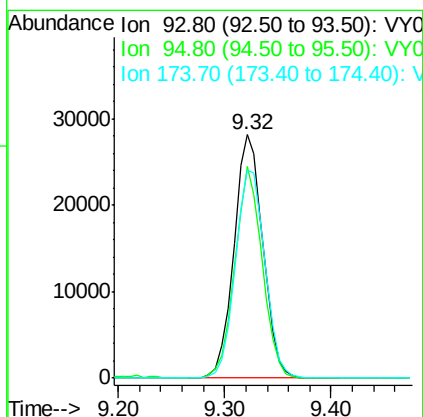
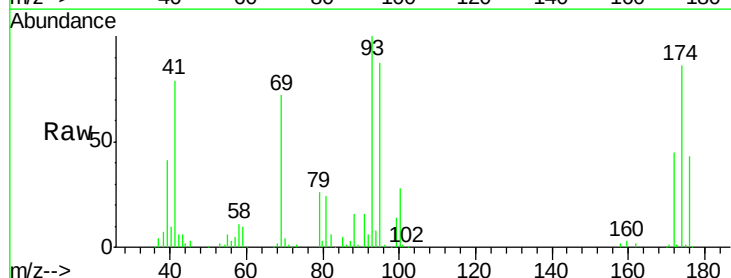
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

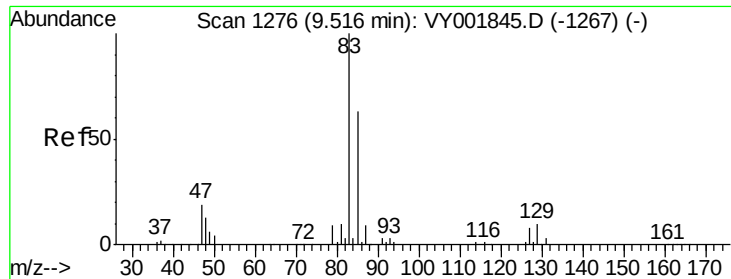
Tgt Ion: 63 Resp: 106593
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.9 37.3



#46
 Dibromomethane
 Concen: 26.22 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 93 Resp: 53655
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.0 100.4
 174 87.3 71.8 107.8

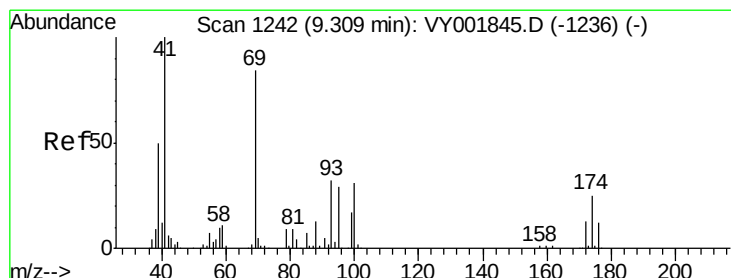
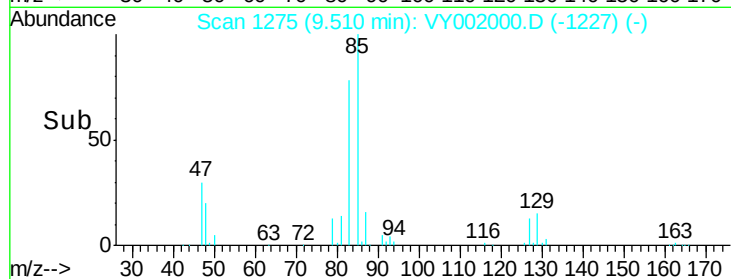
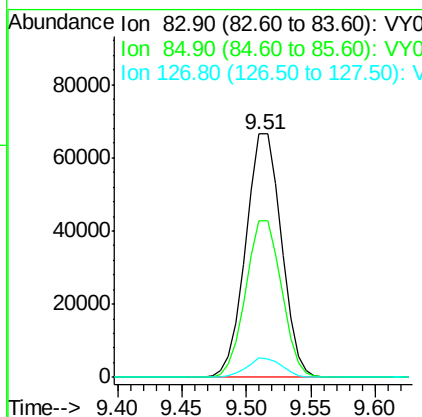
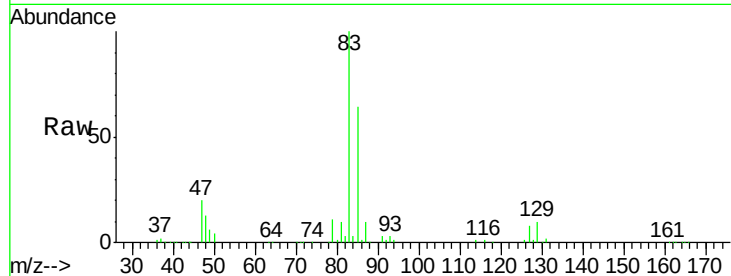




#47
 Bromodichloromethane
 Concen: 26.79 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

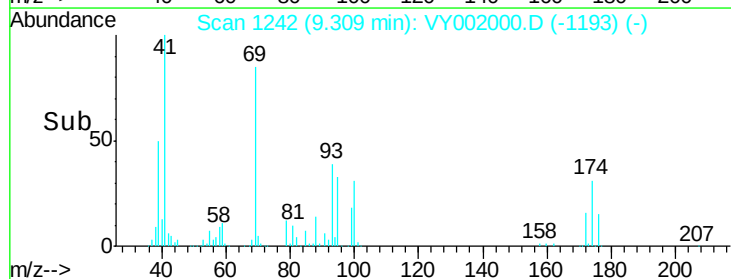
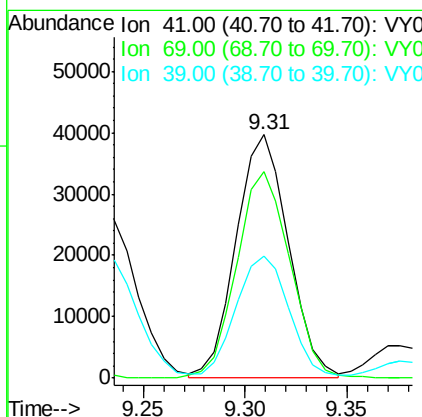
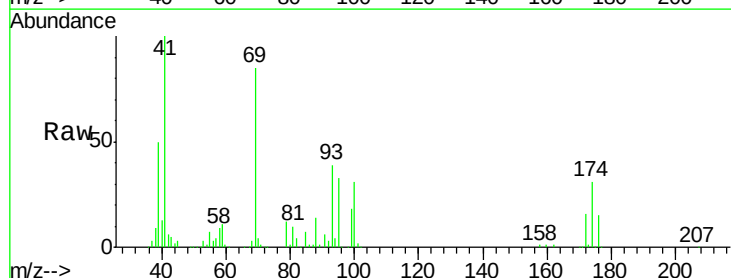
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

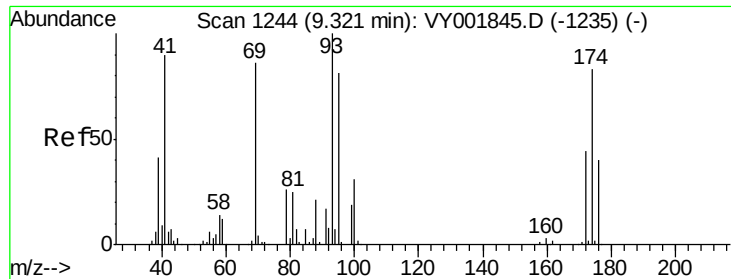
Tgt Ion: 83 Resp: 127517
 Ion Ratio Lower Upper
 83 100
 85 64.1 50.6 76.0
 127 8.2 6.2 9.4



#48
 Methyl methacrylate
 Concen: 27.12 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 41 Resp: 70574
 Ion Ratio Lower Upper
 41 100
 69 85.8 69.0 103.6
 39 48.9 39.1 58.7

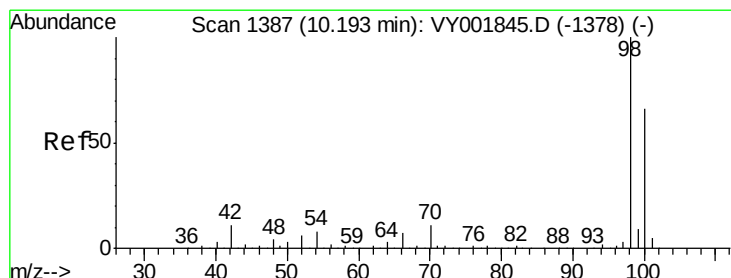
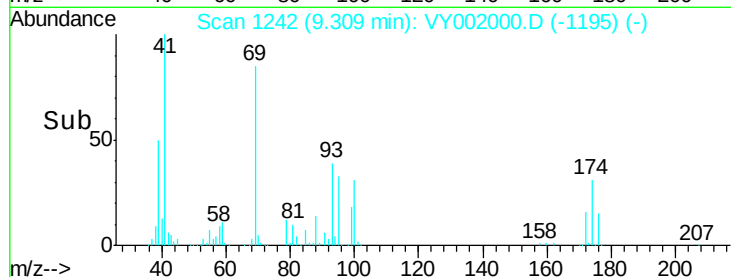
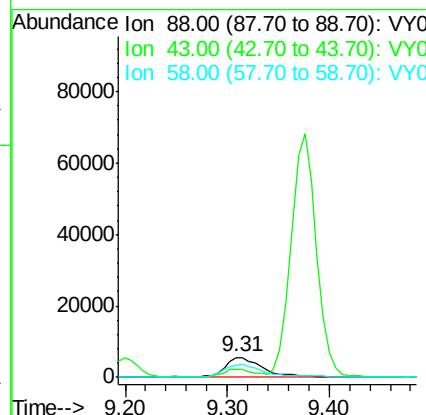
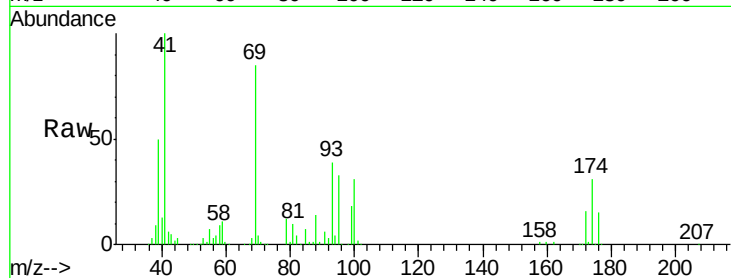




#49
1,4-Dioxane
Concen: 512.02 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

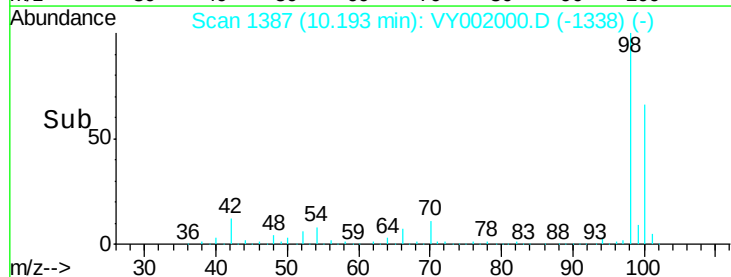
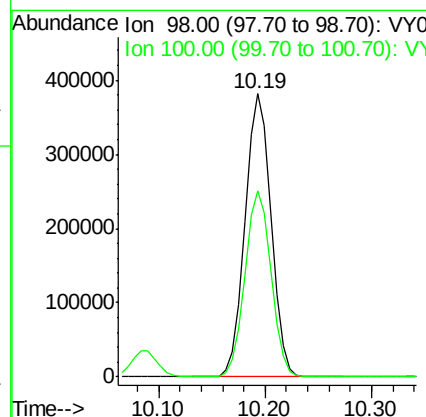
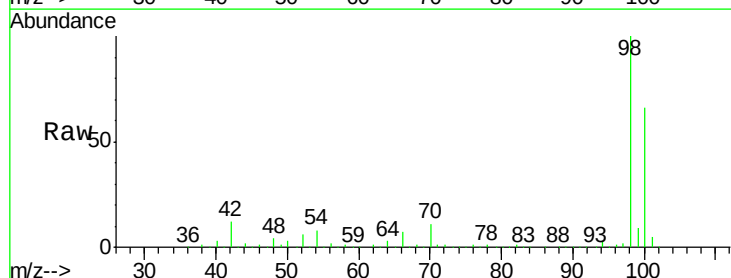
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

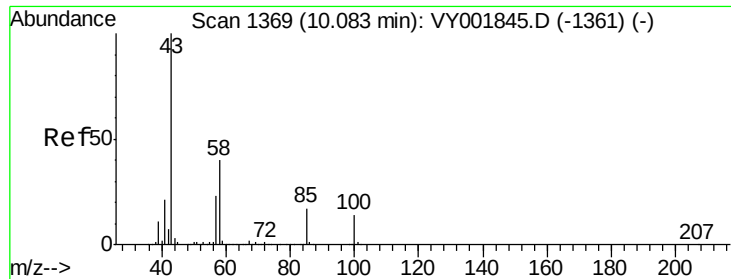
Tgt Ion: 88 Resp: 14357
Ion Ratio Lower Upper
88 100
43 32.5 25.0 37.6
58 72.9 58.9 88.3



#50
Toluene-d8
Concen: 51.45 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 98 Resp: 656084
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4

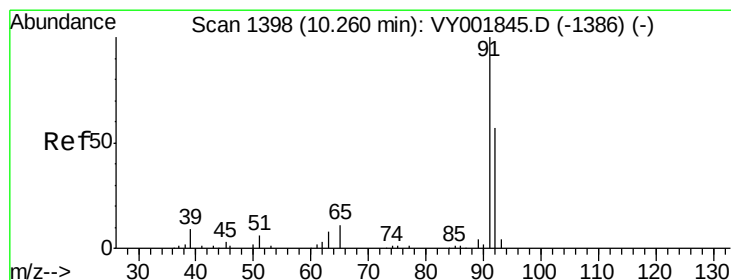
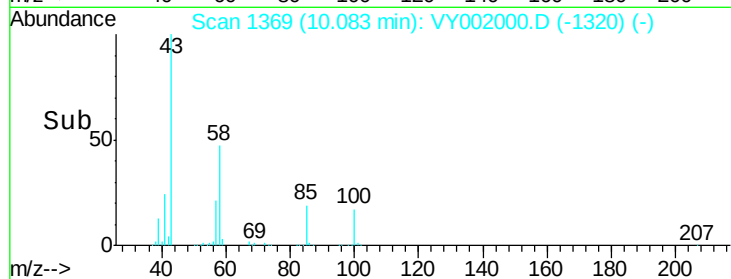
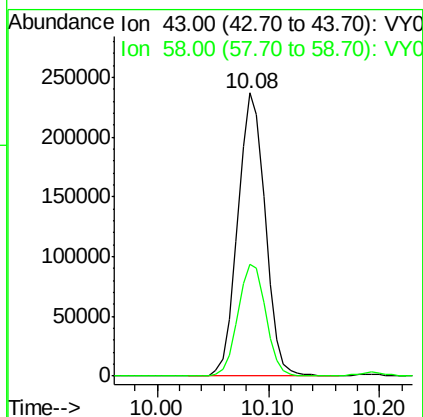
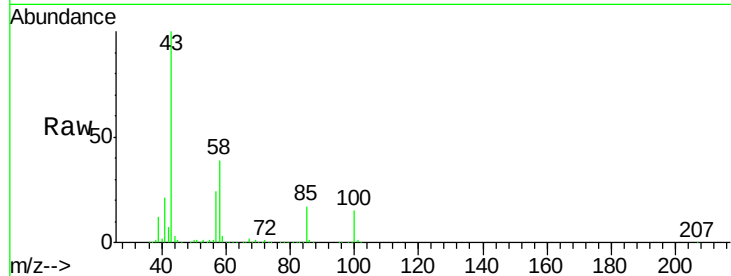




#51
 4-Methyl-2-Pentanone
 Concen: 133.63 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

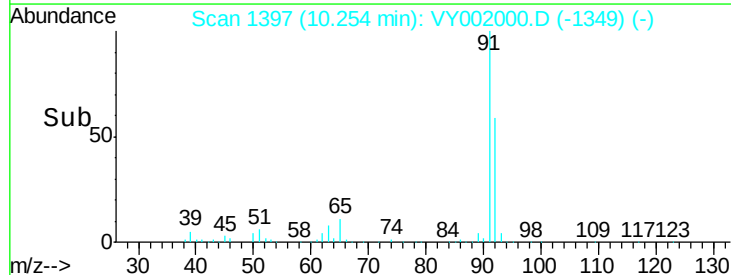
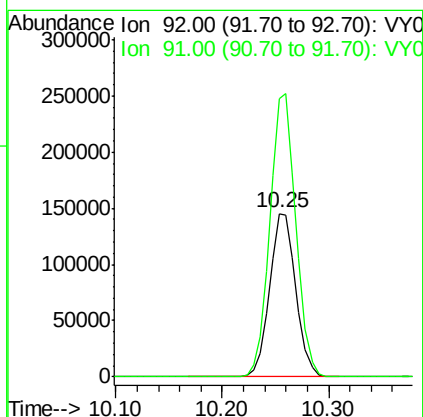
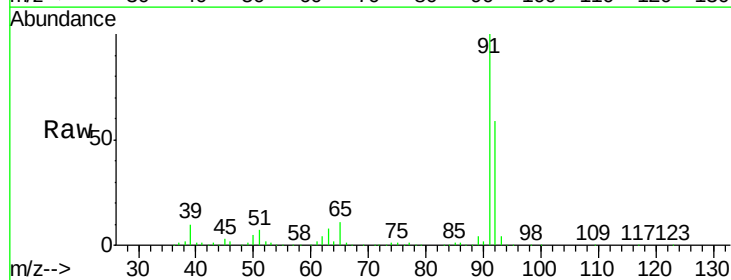
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

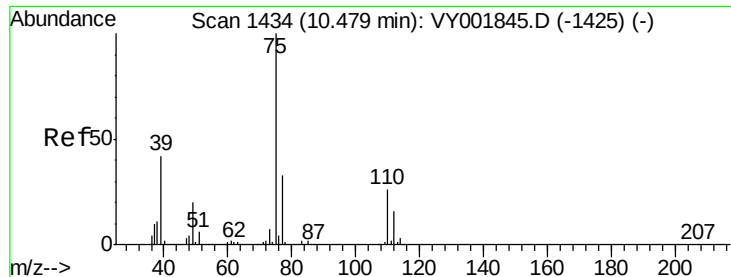
Tgt Ion: 43 Resp: 403626
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.0 48.0



#52
 Toluene
 Concen: 25.87 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 92 Resp: 248245
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 26.77 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

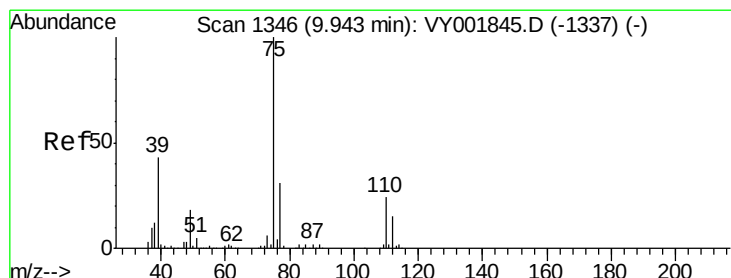
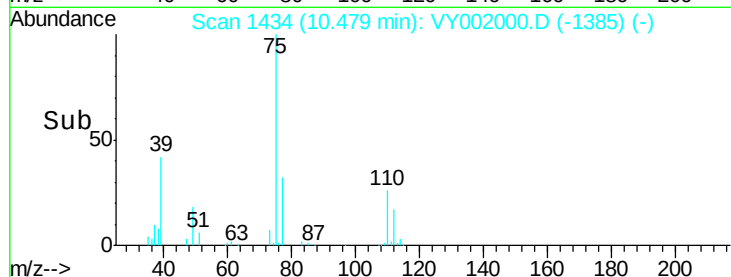
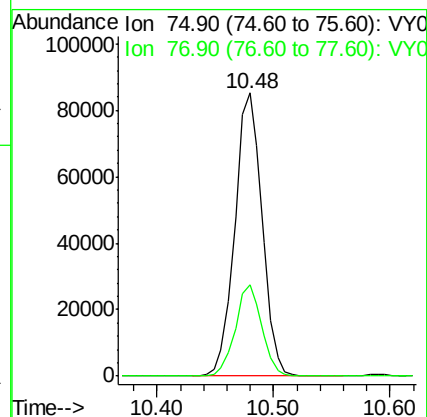
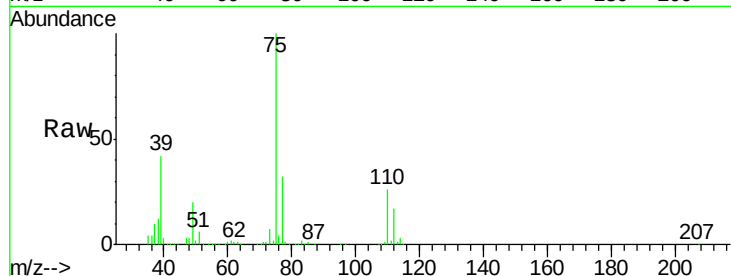
VSTDCCC050EC

Tgt Ion: 75 Resp: 138820

Ion Ratio Lower Upper

75 100

77 32.4 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 26.11 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

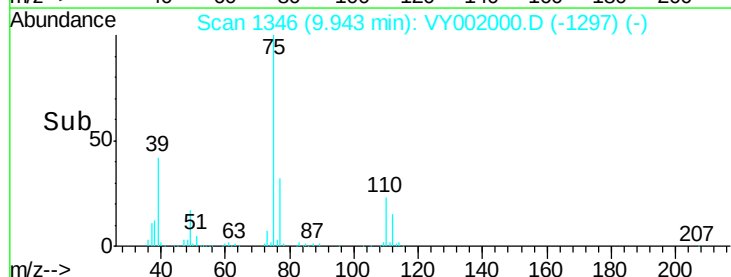
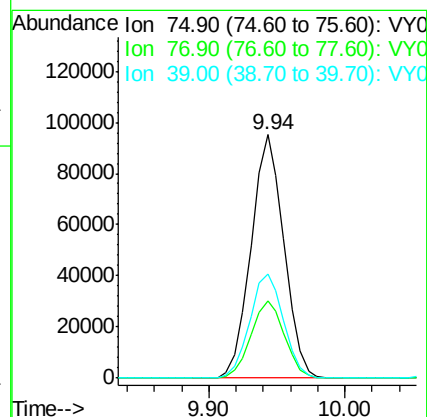
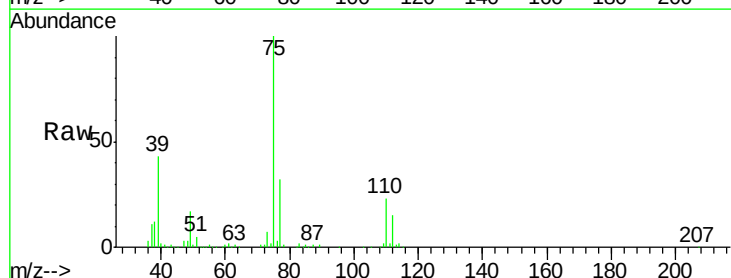
Tgt Ion: 75 Resp: 161186

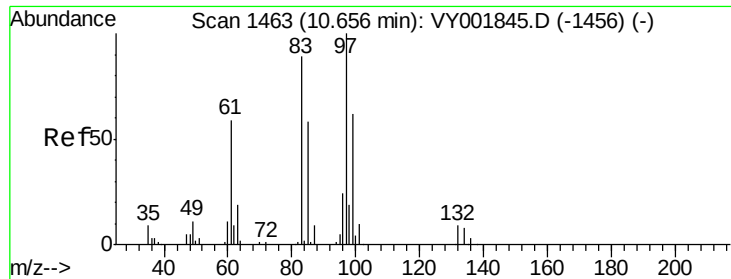
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 42.6 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 26.42 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 79112

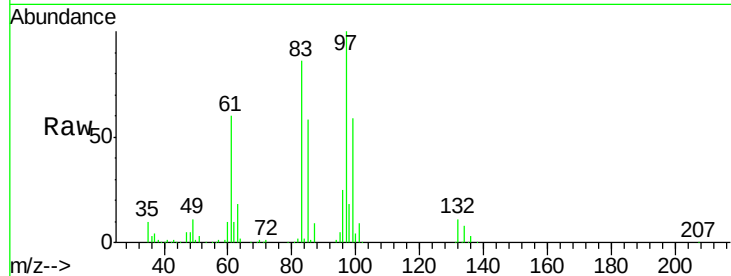
Ion Ratio Lower Upper

97 100

83 85.8 71.6 107.4

85 58.3 46.6 69.8

99 59.2 49.8 74.6

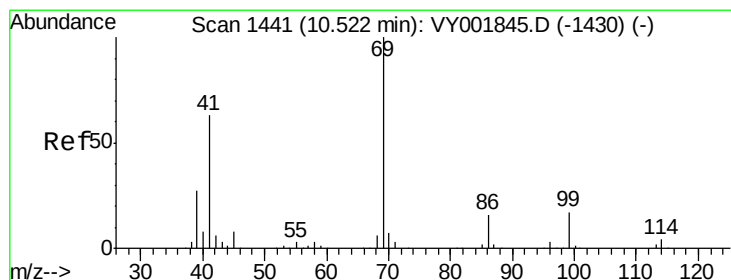
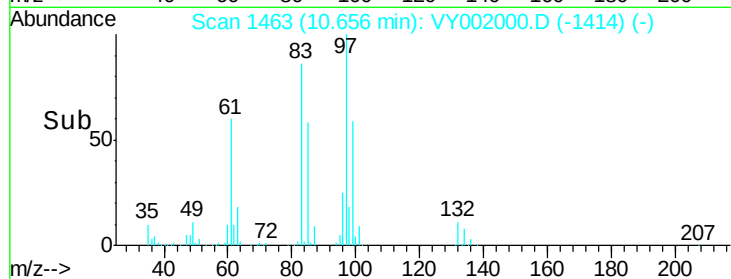
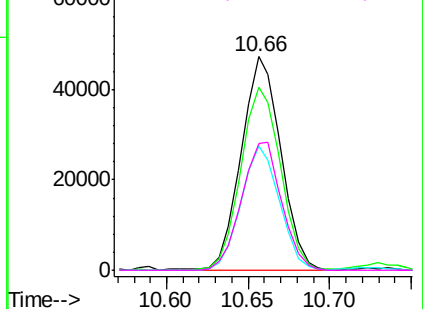


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 26.64 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

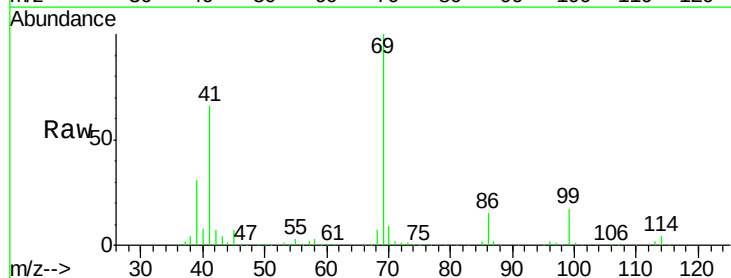
Tgt Ion: 69 Resp: 116920

Ion Ratio Lower Upper

69 100

41 64.4 49.9 74.9

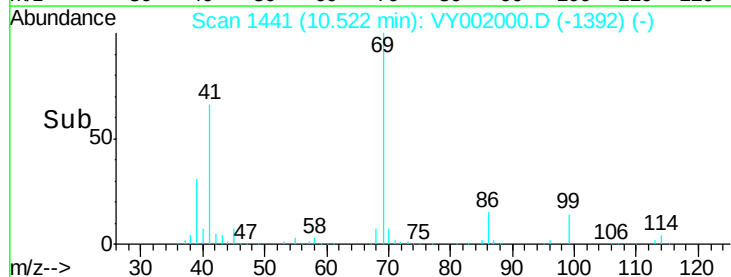
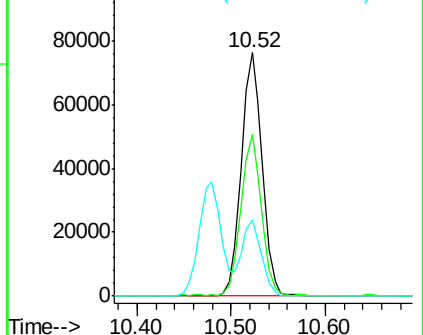
39 28.7 23.0 34.6

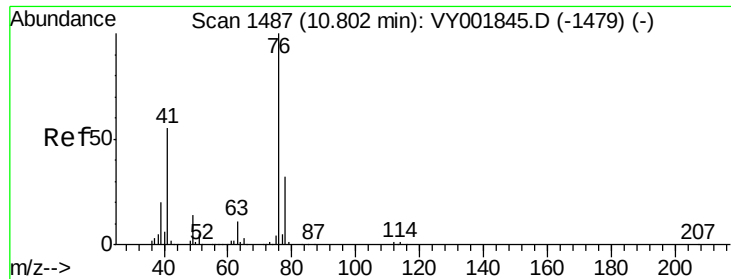


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

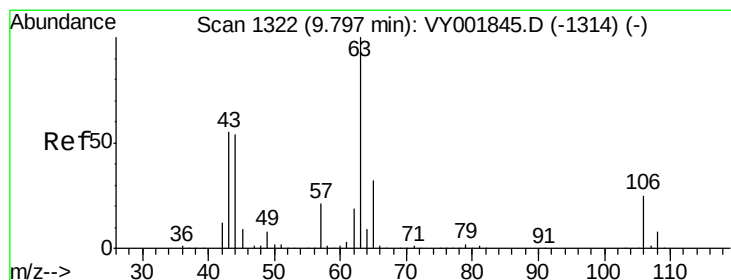
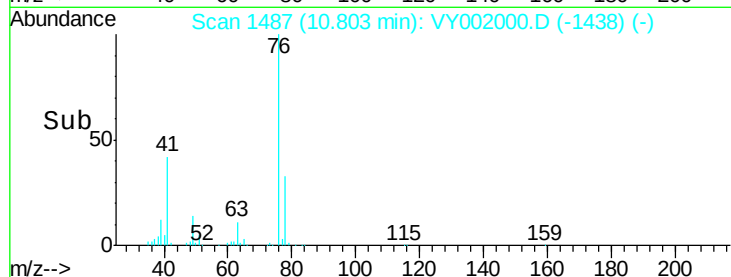
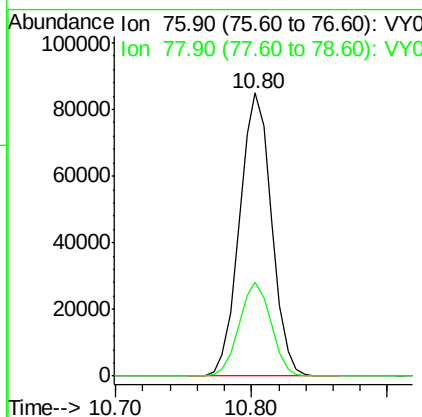
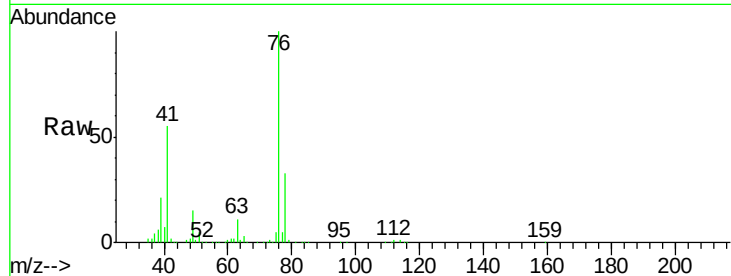




#57
 1,3-Dichloropropane
 Concen: 26.11 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

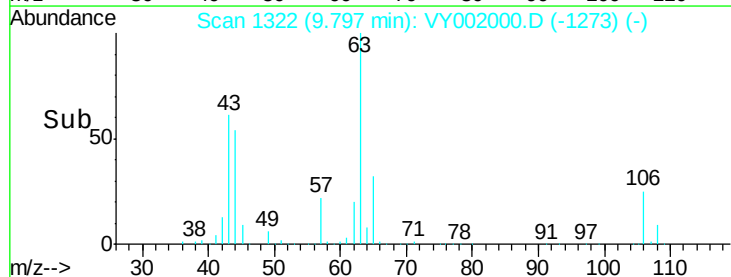
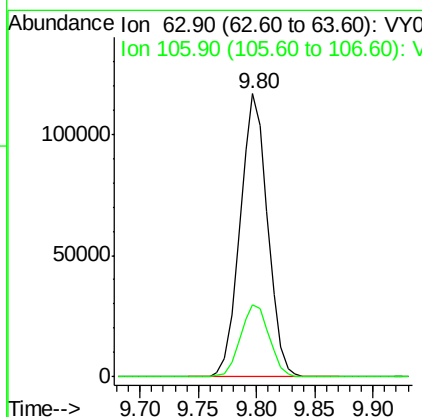
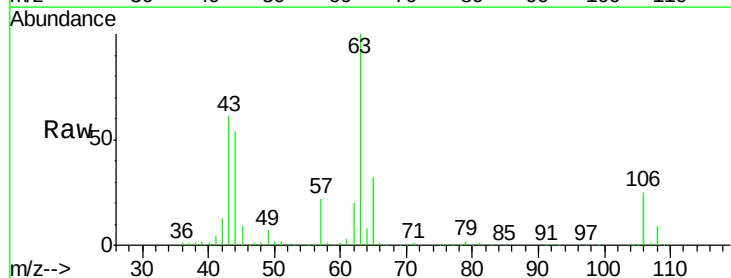
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

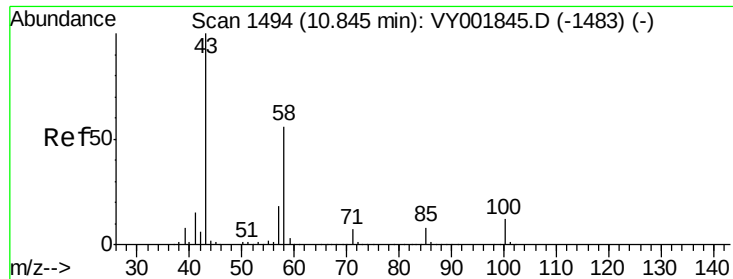
Tgt Ion: 76 Resp: 139364
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.41 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 63 Resp: 191622
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9

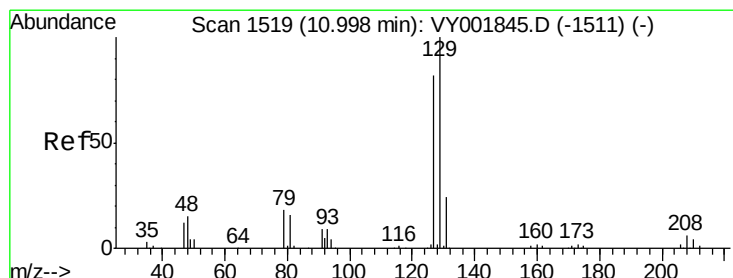
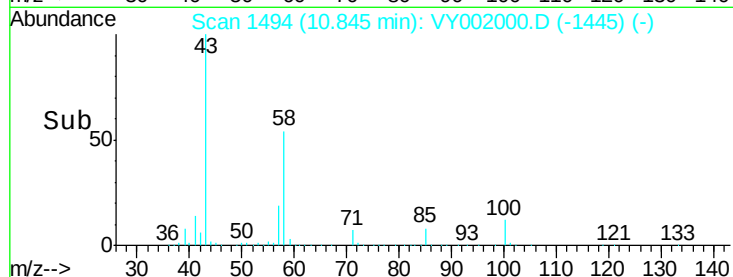
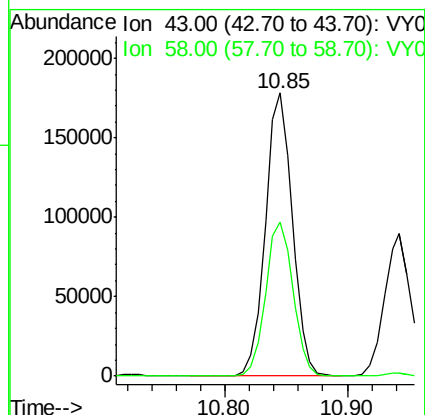
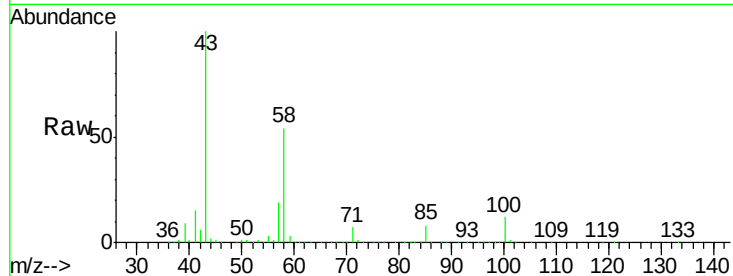




#59
2-Hexanone
Concen: 127.12 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

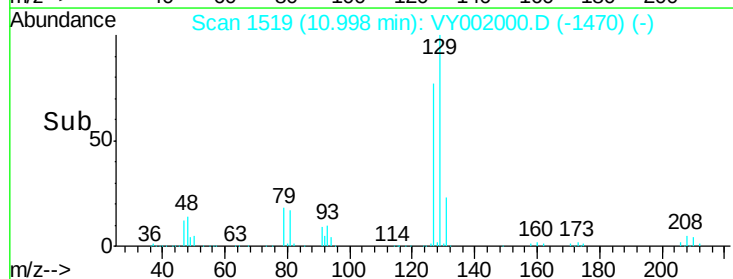
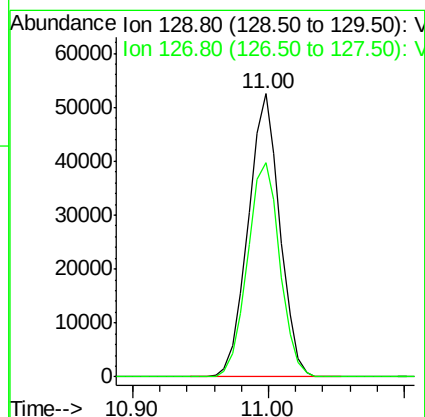
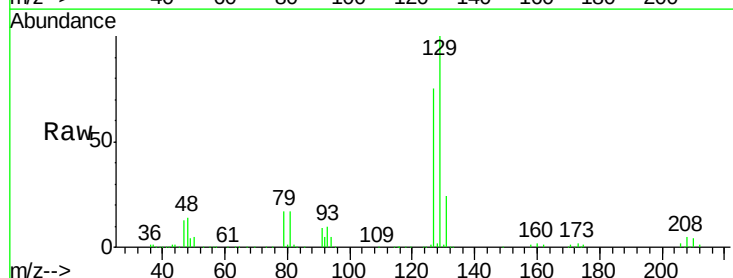
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

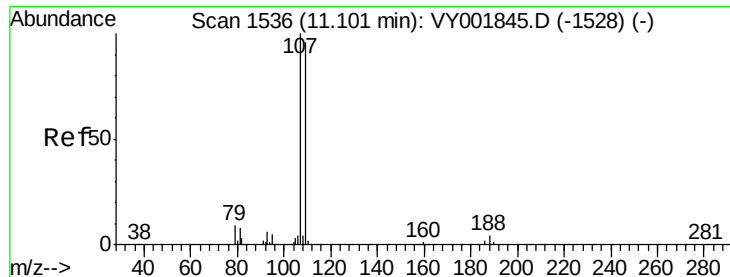
Tgt Ion: 43 Resp: 274066
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.3



#60
Dibromochloromethane
Concen: 27.08 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 129 Resp: 85463
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 26.25 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

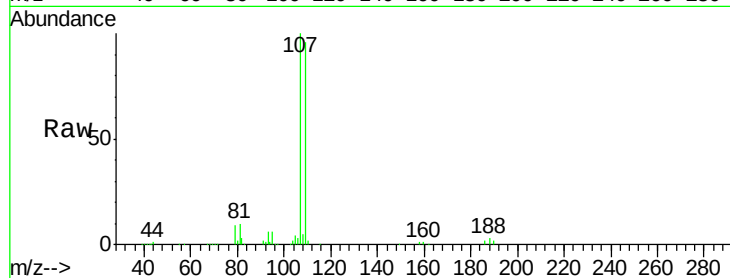
VSTDCCC050EC

Tgt Ion: 107 Resp: 74464

Ion Ratio Lower Upper

107 100

109 93.5 75.4 113.0

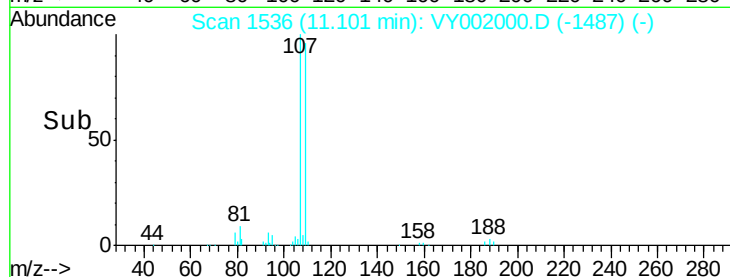


Abundance Ion 106.90 (106.60 to 107.60): V

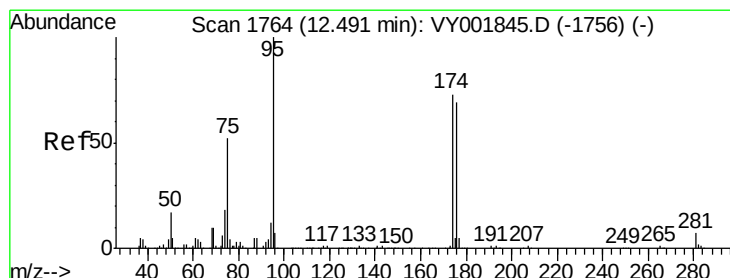
Ion 108.80 (108.50 to 109.50): V

11.10

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 52.46 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

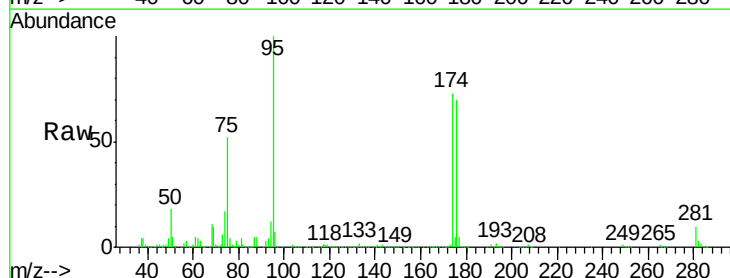
Tgt Ion: 95 Resp: 232629

Ion Ratio Lower Upper

95 100

174 71.9 0.0 145.0

176 70.2 0.0 137.4



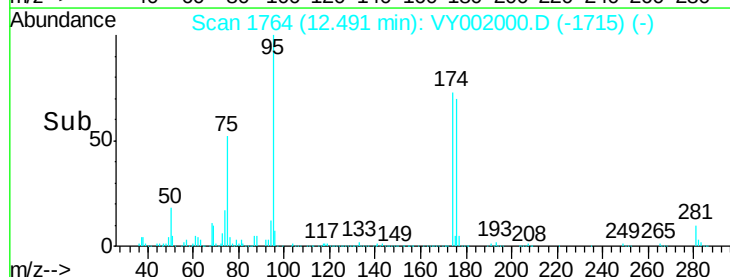
Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

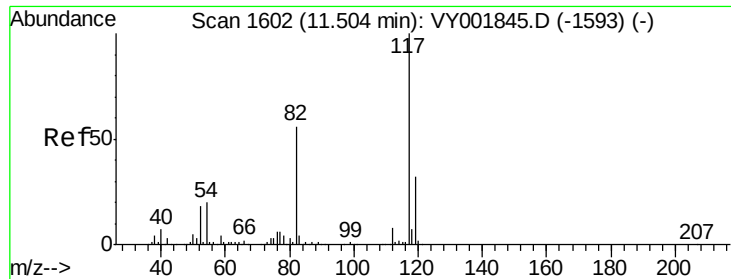
Ion 175.80 (175.50 to 176.50): V

12.49

Time-->



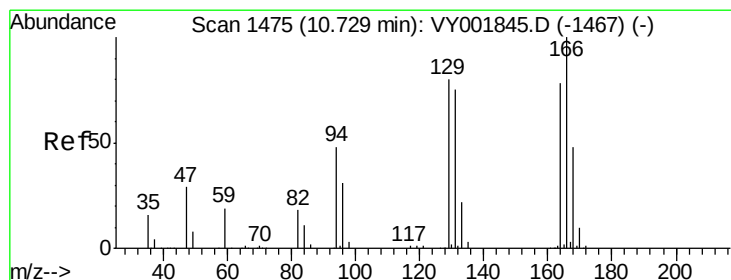
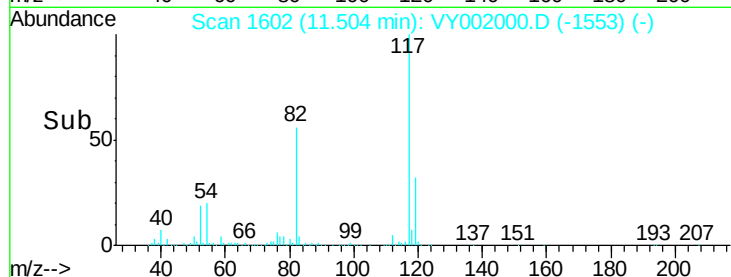
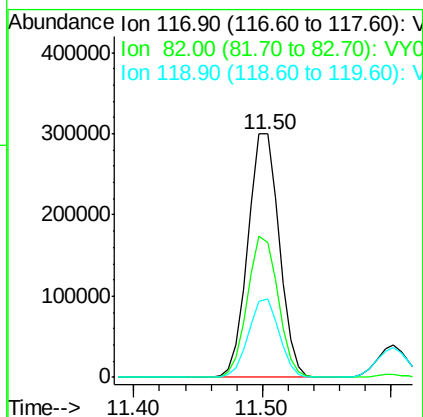
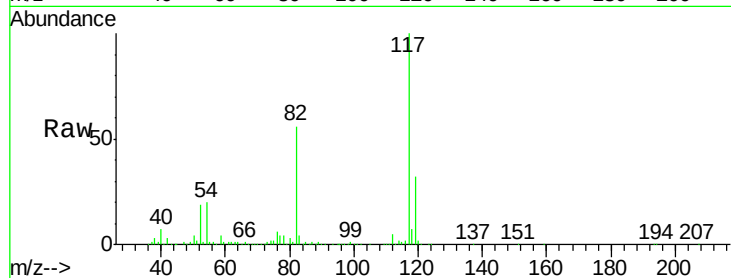
Time-->



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

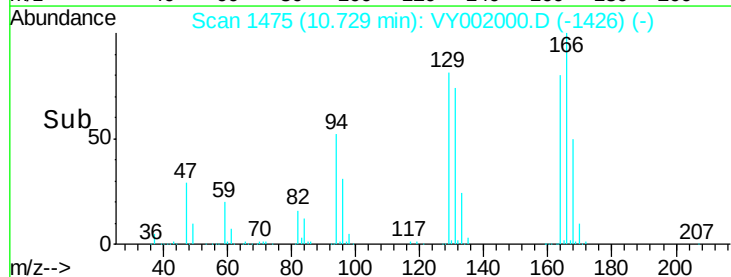
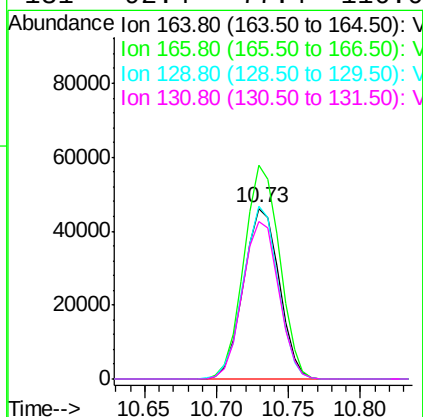
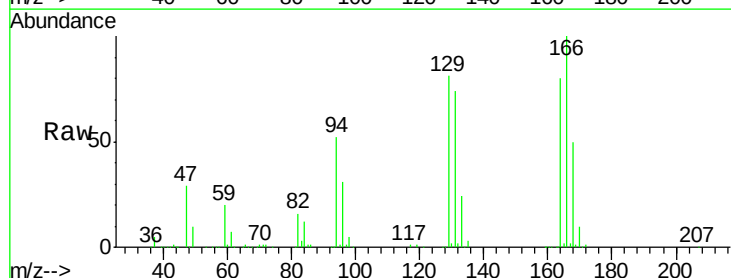
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

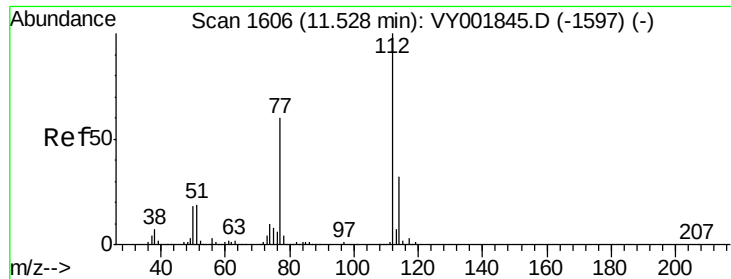
Tgt Ion:117 Resp: 502287
Ion Ratio Lower Upper
117 100
82 55.5 44.5 66.7
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 25.13 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion:164 Resp: 79164
Ion Ratio Lower Upper
164 100
166 125.2 102.6 154.0
129 101.4 82.3 123.5
131 92.4 77.4 116.0

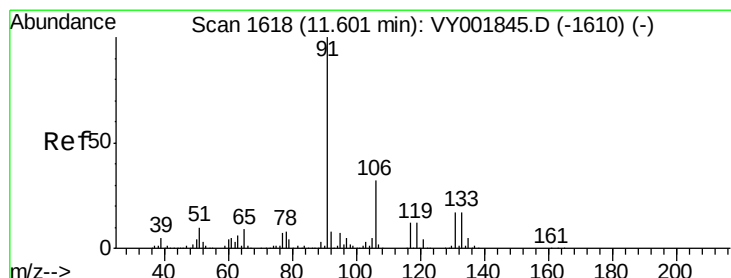
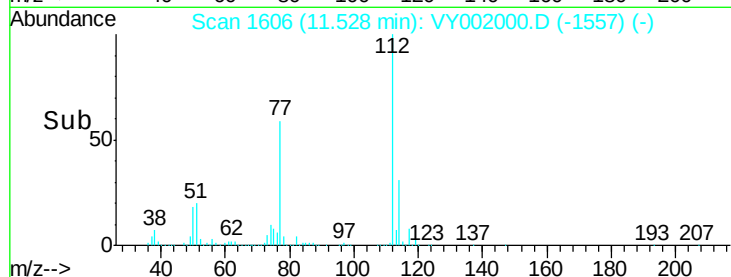
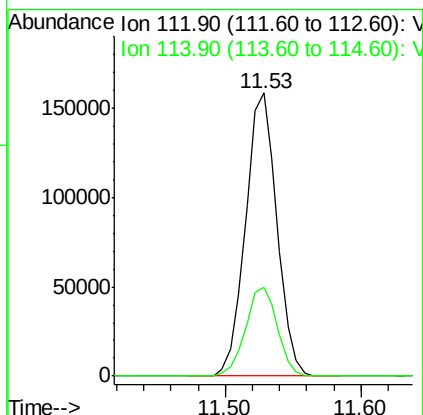
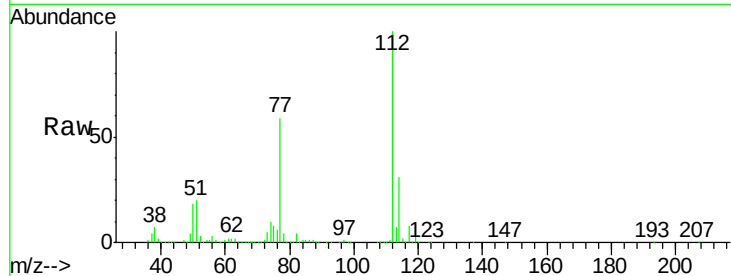




#65
Chlorobenzene
Concen: 25.54 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

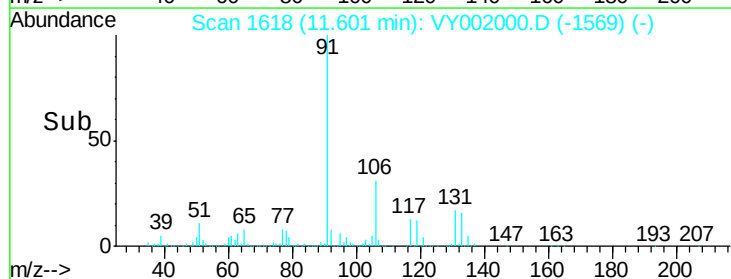
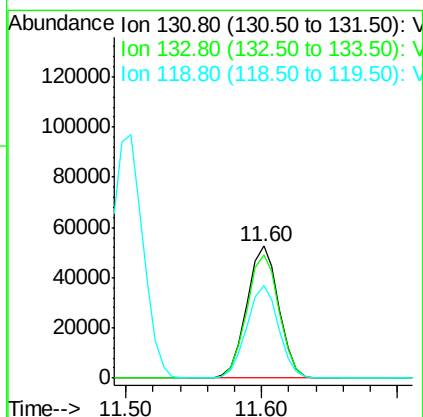
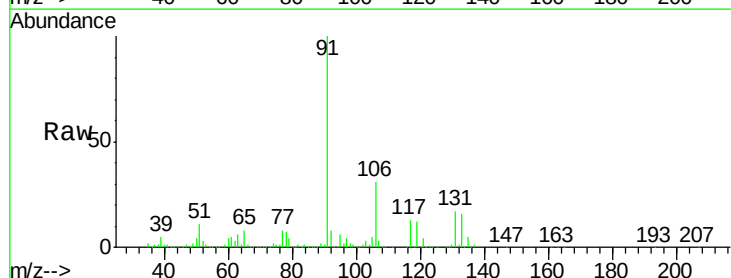
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

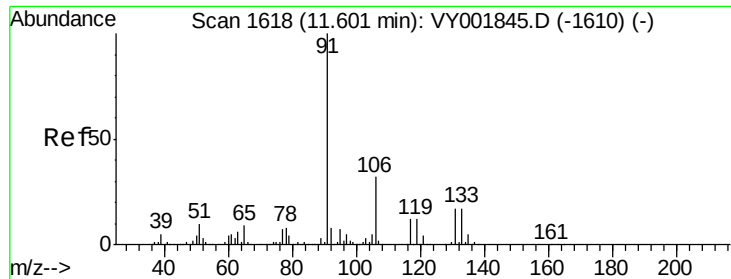
Tgt Ion:112 Resp: 255570
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 26.45 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion:131 Resp: 86801
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 69.8 34.5 103.6

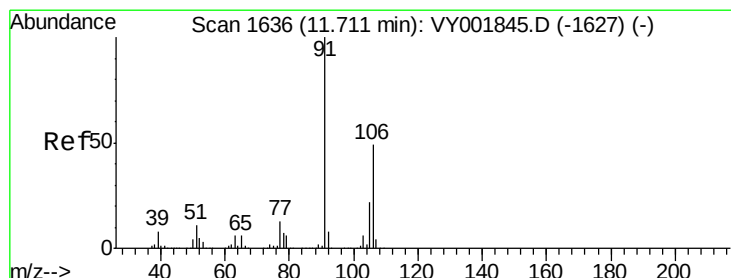
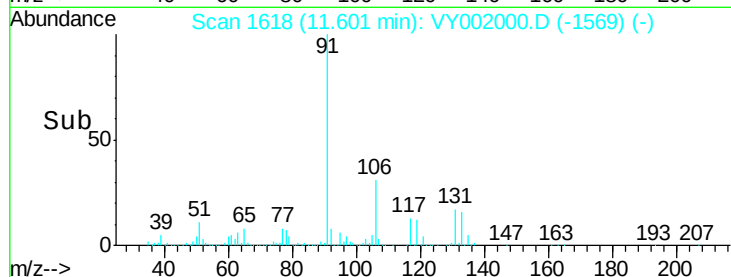
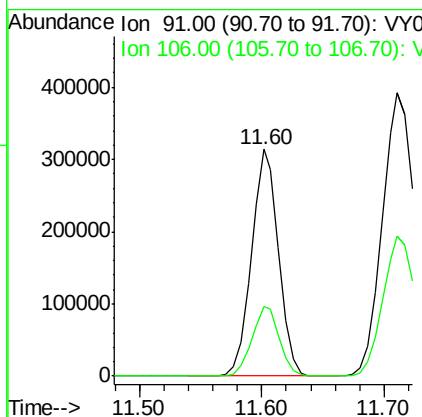
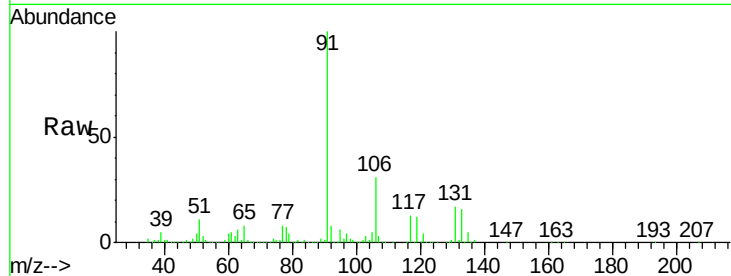




#67
 Ethyl Benzene
 Concen: 25.67 ug/l
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

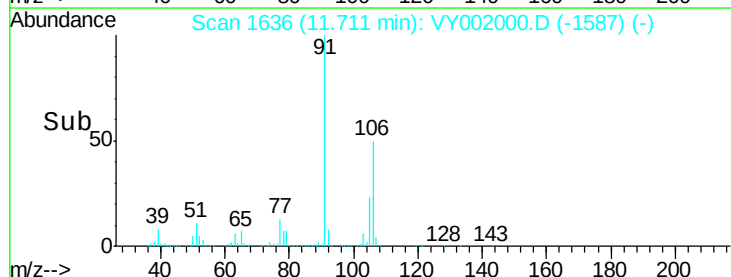
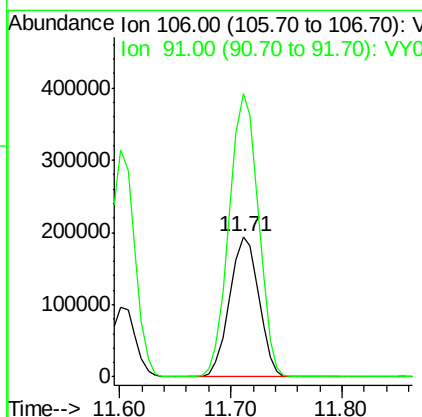
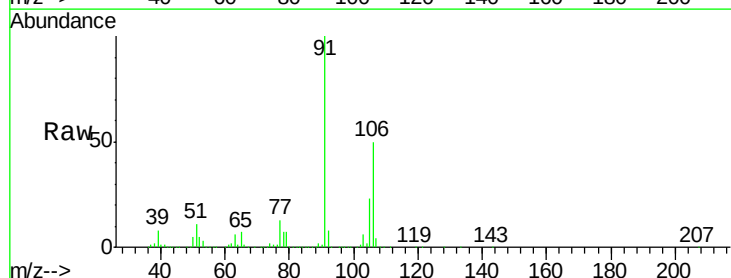
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

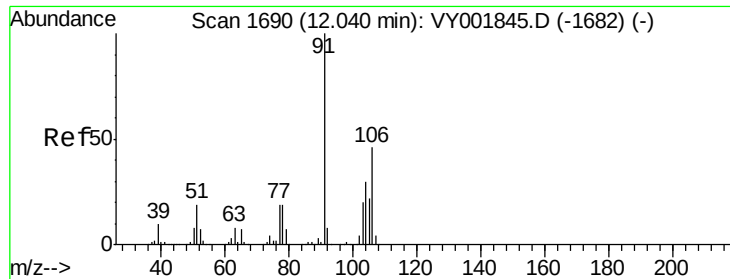
Tgt Ion: 91 Resp: 479209
 Ion Ratio Lower Upper
 91 100
 106 30.8 25.4 38.2



#68
 m/p-Xylenes
 Concen: 51.26 ug/l
 RT: 11.71 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 106 Resp: 353765
 Ion Ratio Lower Upper
 106 100
 91 202.3 161.3 241.9

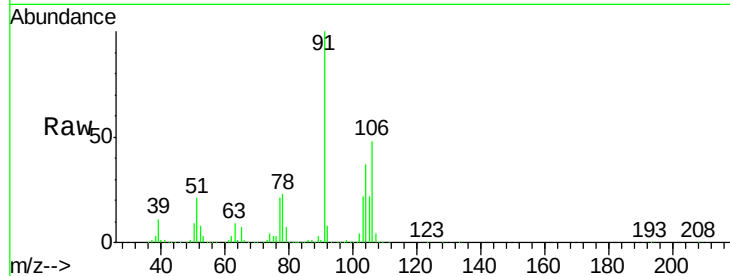




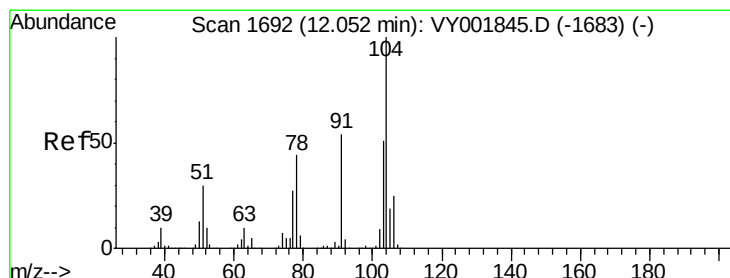
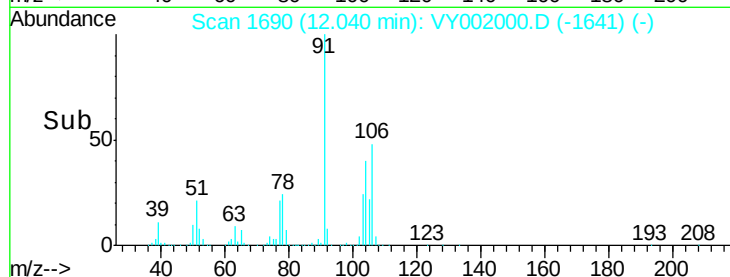
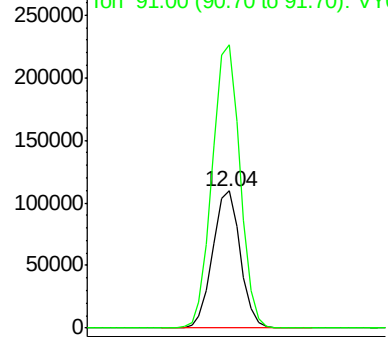
#69
o-Xylene
Concen: 26.21 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 170453
Ion Ratio Lower Upper
106 100
91 208.8 106.8 320.4

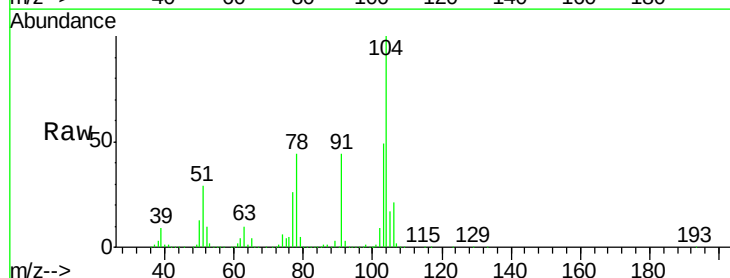


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

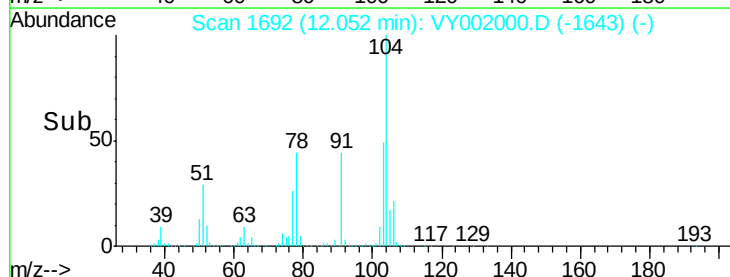
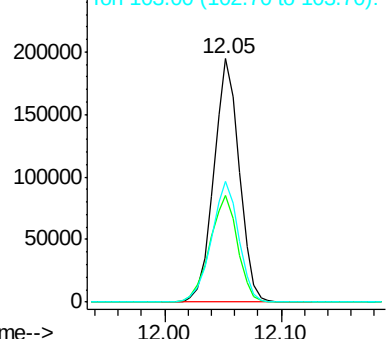


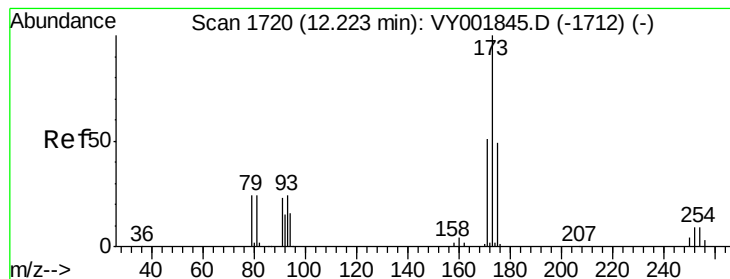
#70
Styrene
Concen: 26.56 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion:104 Resp: 295899
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 53.1 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: 27.50 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

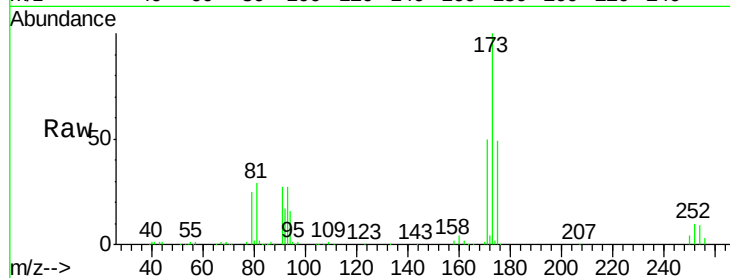
Tgt Ion:173 Resp: 48952

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.8

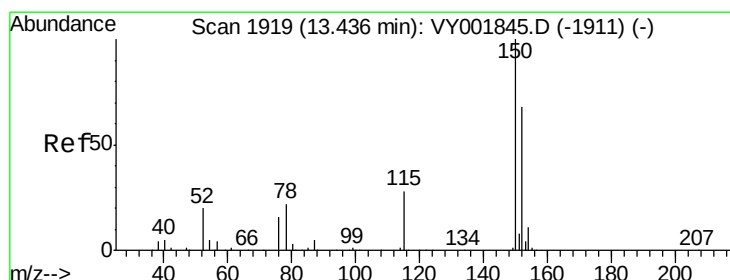
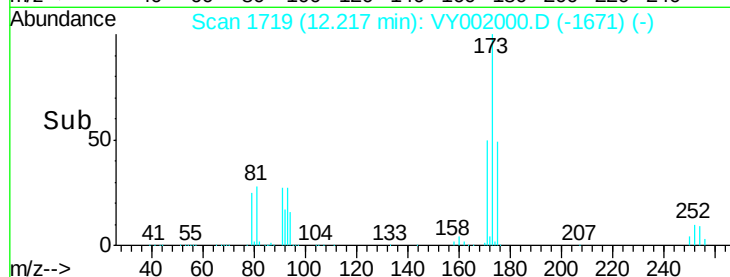
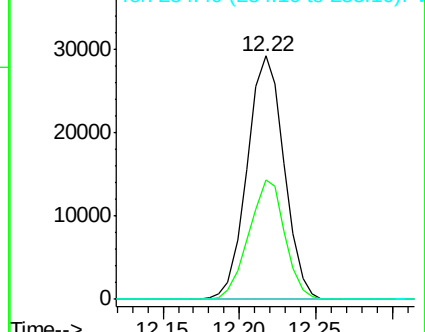
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

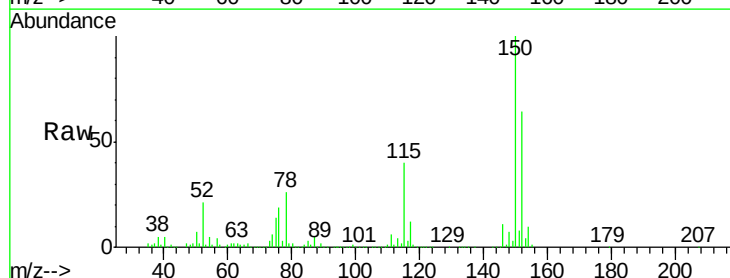
Tgt Ion:152 Resp: 233999

Ion Ratio Lower Upper

152 100

115 61.7 29.9 89.7

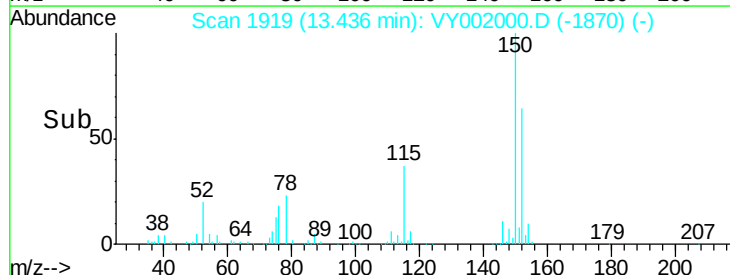
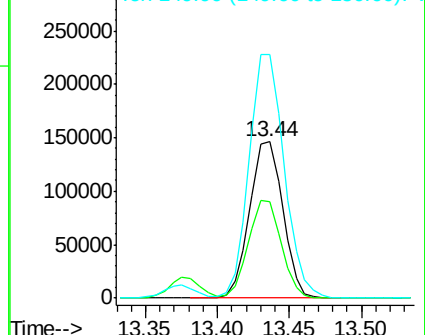
150 163.9 0.0 340.6

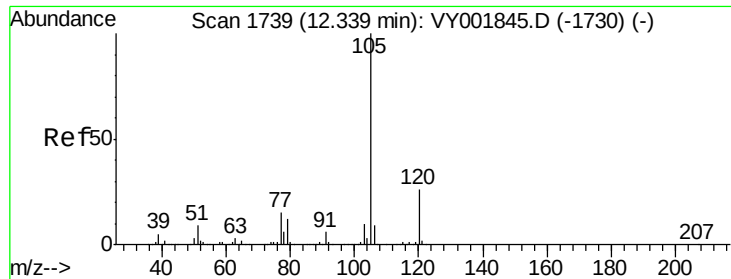


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 25.60 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

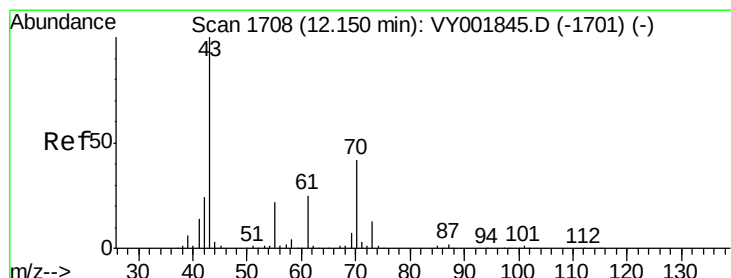
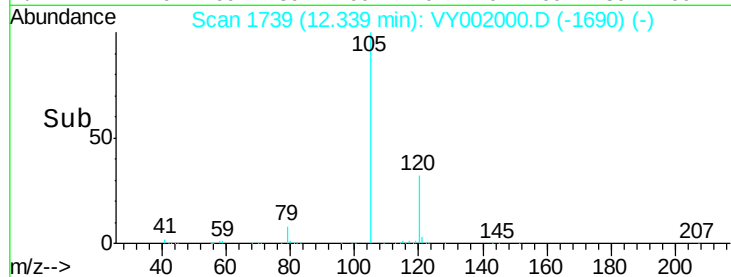
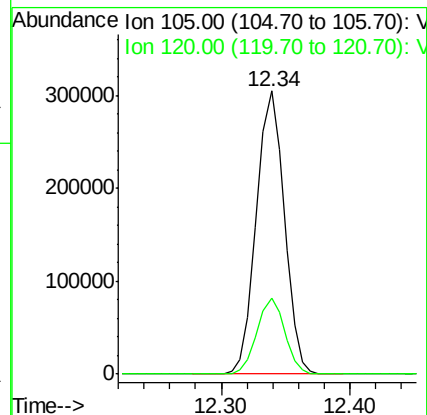
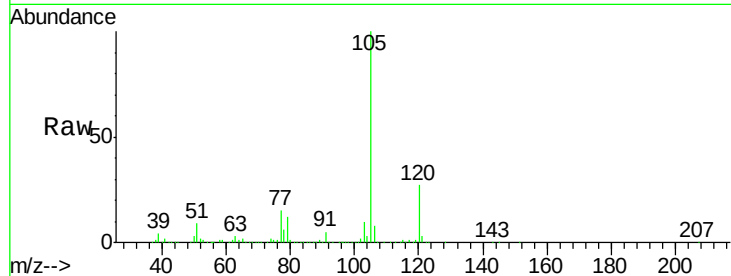
VSTDCCC050EC

Tgt Ion:105 Resp: 457279

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.3



#74

N-ethyl acetate

Concen: 25.61 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion: 43 Resp: 140603

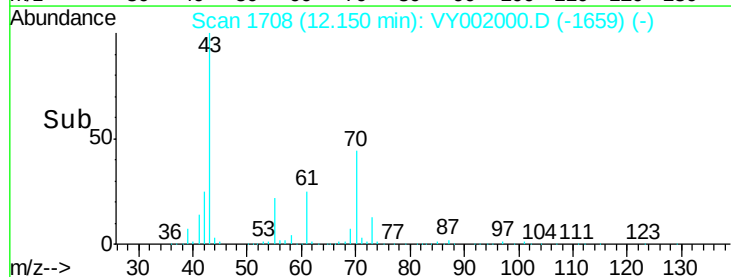
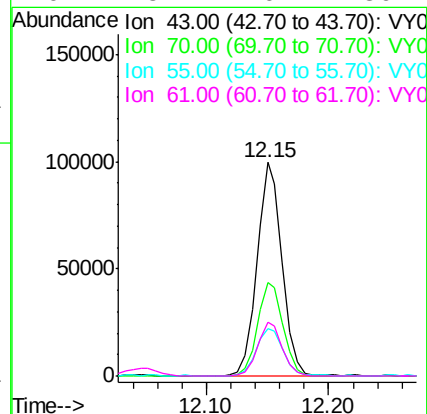
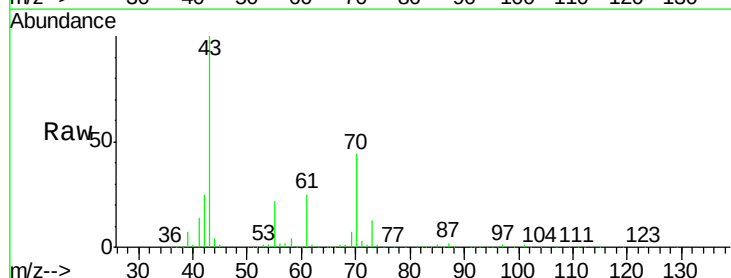
Ion Ratio Lower Upper

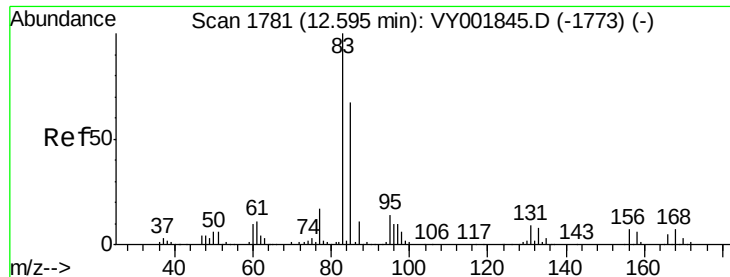
43 100

70 45.1 34.7 52.1

55 23.6 18.2 27.4

61 25.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 25.77 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

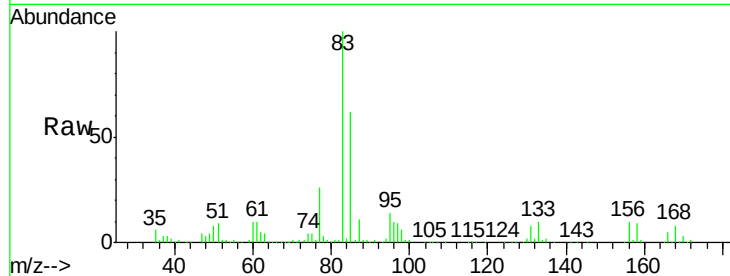
Tgt Ion: 83 Resp: 99282

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

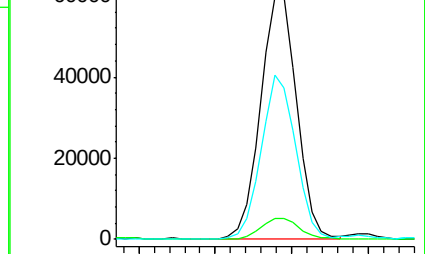
85 64.6 32.1 96.3



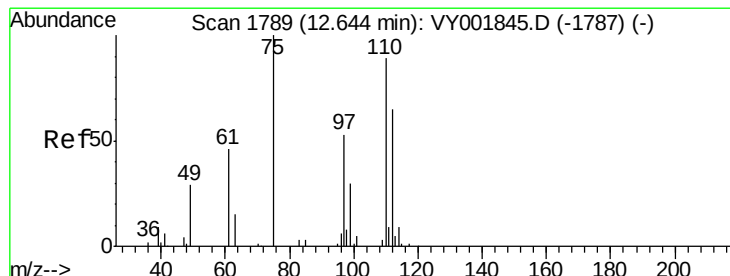
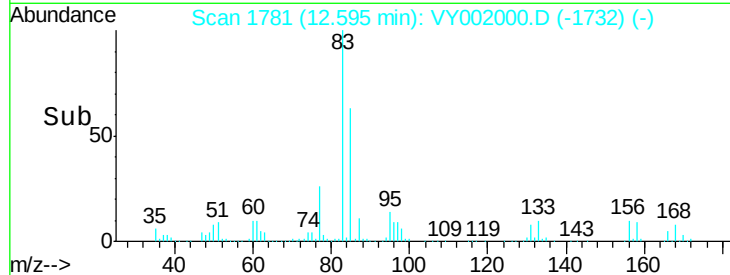
Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



Time-->



#76

1,2,3-Trichloropropane

Concen: 45.76 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002000.D

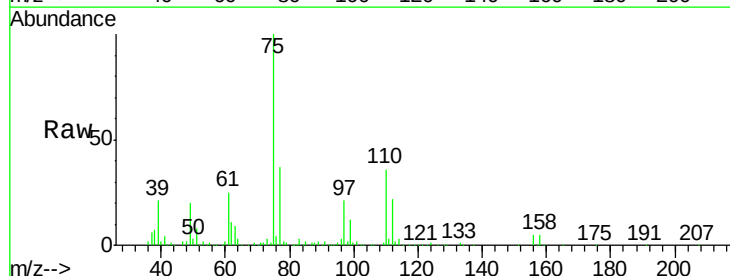
Acq: 17 Mar 2020 17:55

Tgt Ion: 75 Resp: 127042

Ion Ratio Lower Upper

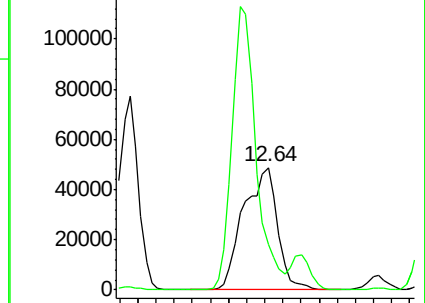
75 100

77 0.0 0.0 0.0

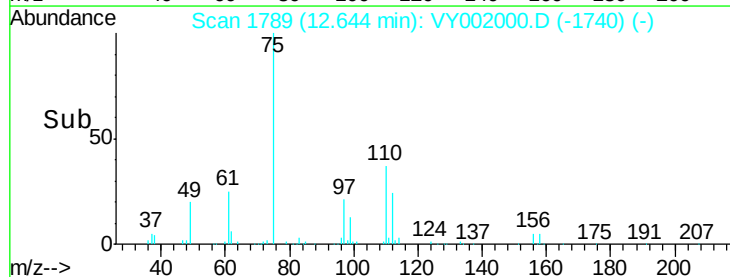


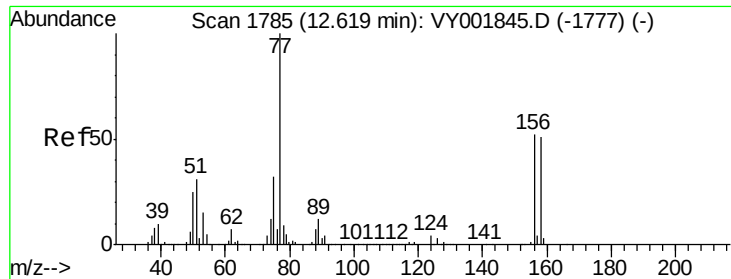
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time-->





#77

Bromobenzene

Concen: 25.77 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

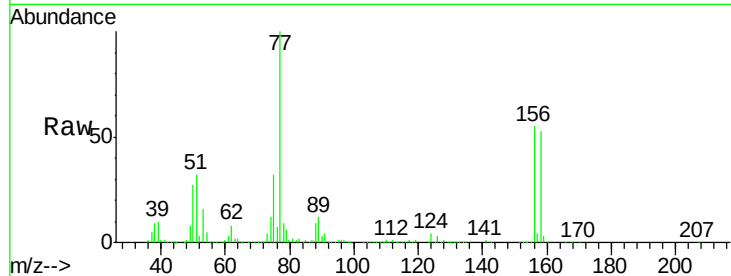
Tgt Ion:156 Resp: 97521

Ion Ratio Lower Upper

156 100

77 214.0 109.0 327.0

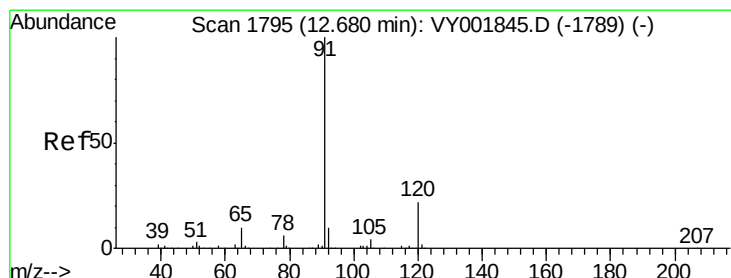
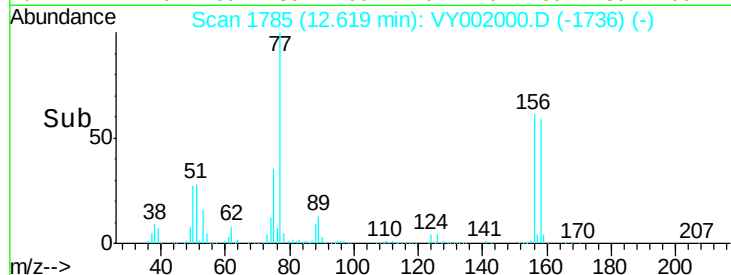
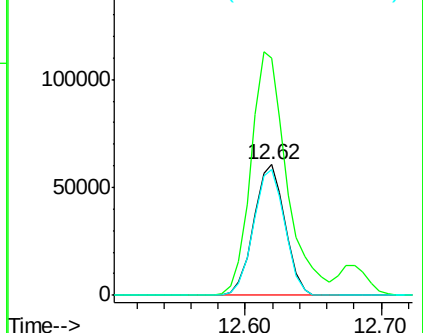
158 96.8 48.9 146.8



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: 25.44 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002000.D

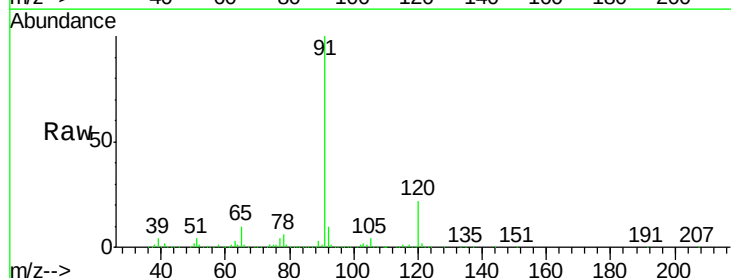
Acq: 17 Mar 2020 17:55

Tgt Ion: 91 Resp: 560545

Ion Ratio Lower Upper

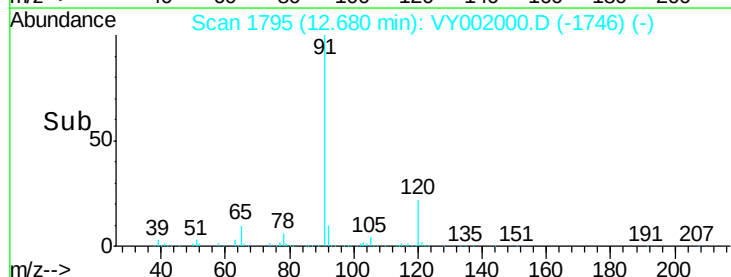
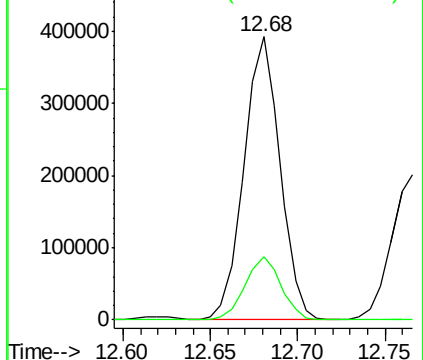
91 100

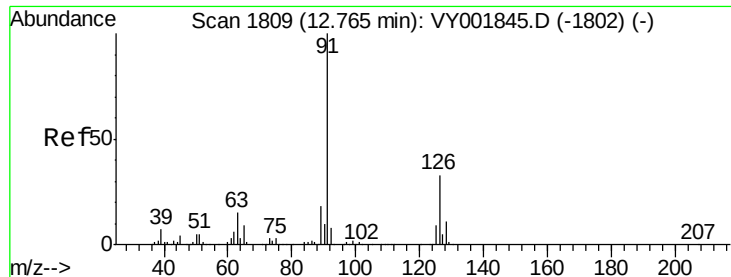
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

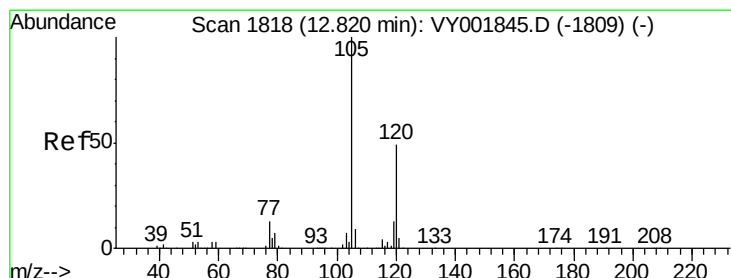
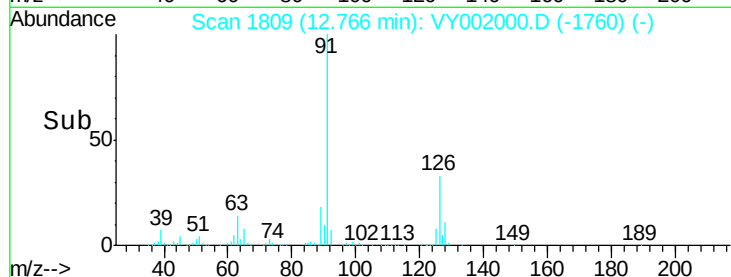
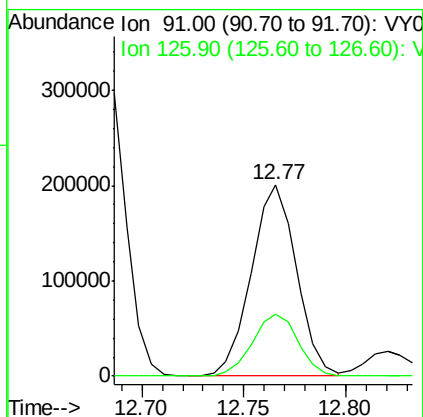
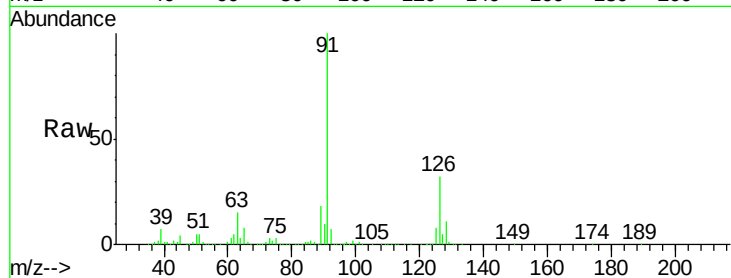




#79
 2-Chlorotoluene
 Concen: 25.44 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

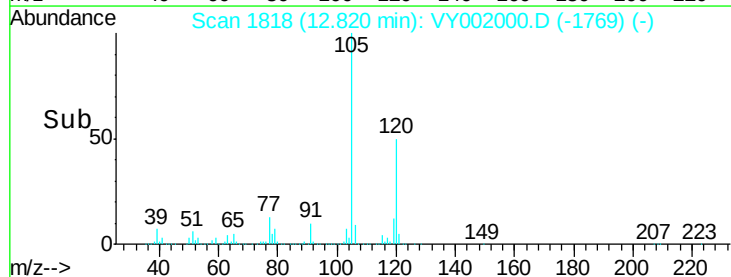
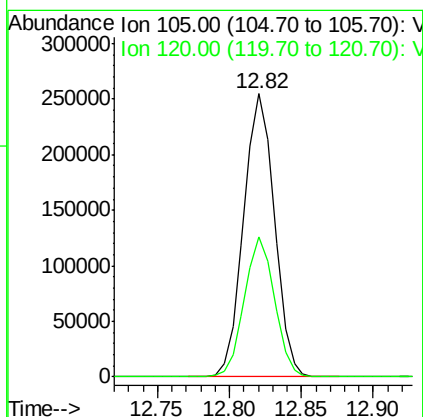
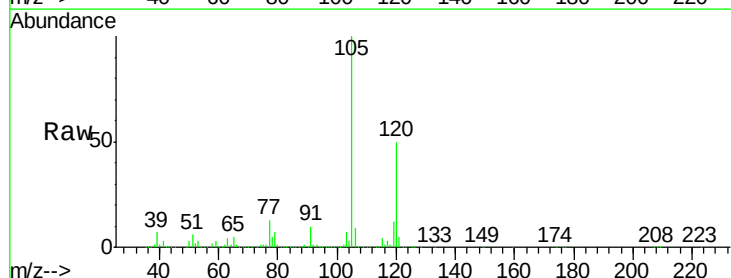
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

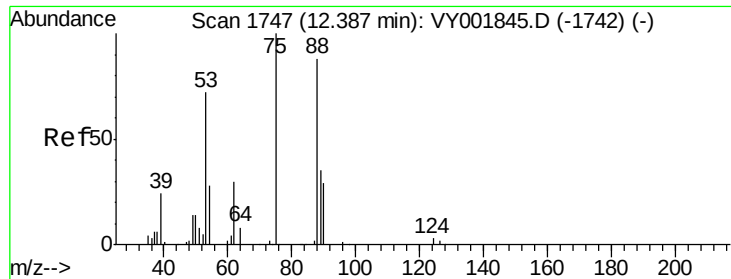
Tgt Ion: 91 Resp: 309783
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 25.65 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 105 Resp: 377251
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 25.19 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

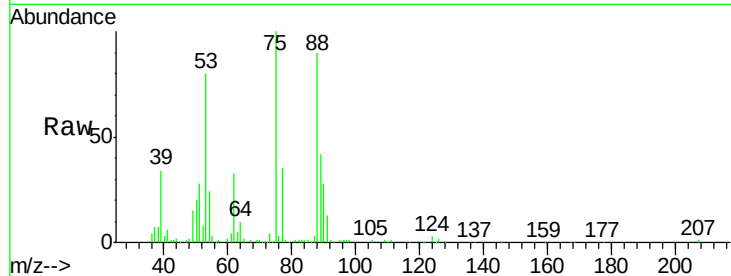
Tgt Ion: 75 Resp: 34627

Ion Ratio Lower Upper

75 100

53 85.1 65.4 98.0

89 45.3 36.0 54.0

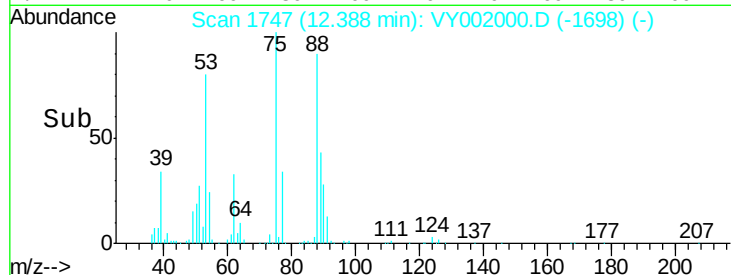


Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY001845.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY001845.D (-1742) (-)

Time-->

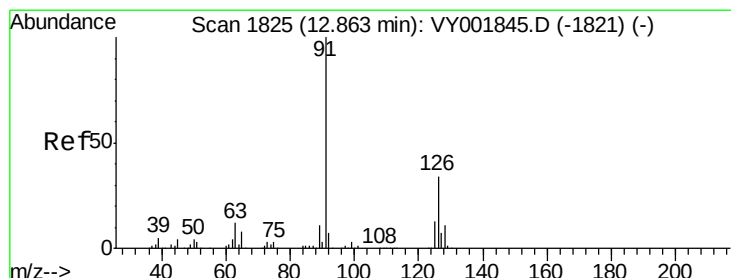


Abundance Ion 74.90 (74.60 to 75.60): VY002000.D (-1698) (-)

Ion 53.00 (52.70 to 53.70): VY002000.D (-1698) (-)

Ion 88.90 (88.60 to 89.60): VY002000.D (-1698) (-)

Time-->



#82

4-Chlorotoluene

Concen: 25.69 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002000.D

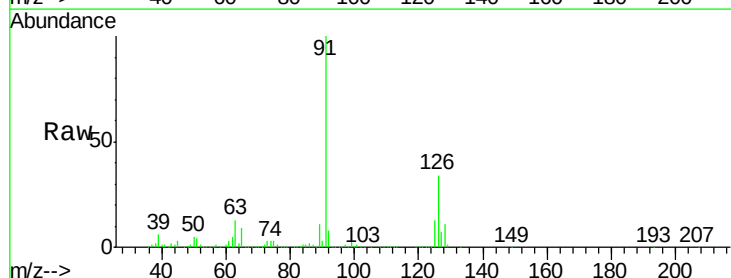
Acq: 17 Mar 2020 17:55

Tgt Ion: 91 Resp: 325696

Ion Ratio Lower Upper

91 100

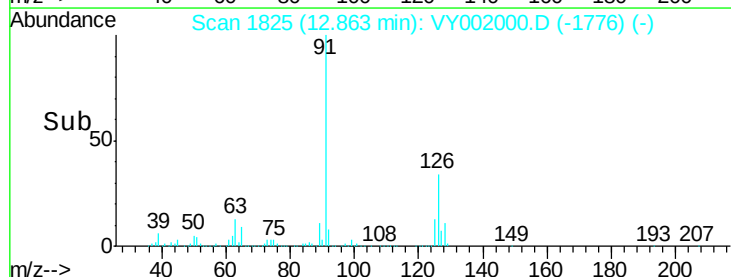
126 33.2 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1821) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1821) (-)

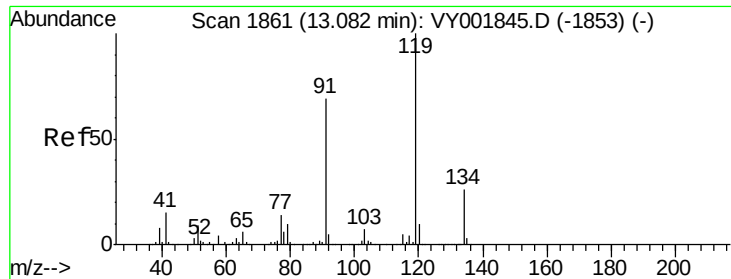
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VY002000.D (-1776) (-)

Ion 125.90 (125.60 to 126.60): VY002000.D (-1776) (-)

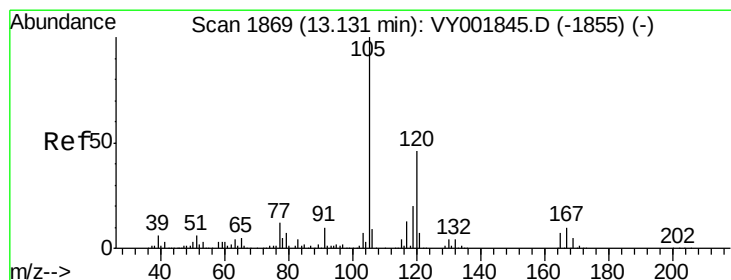
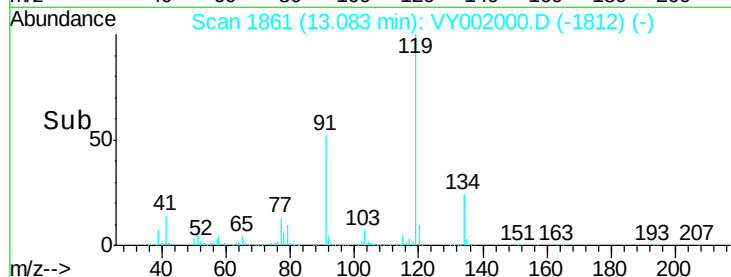
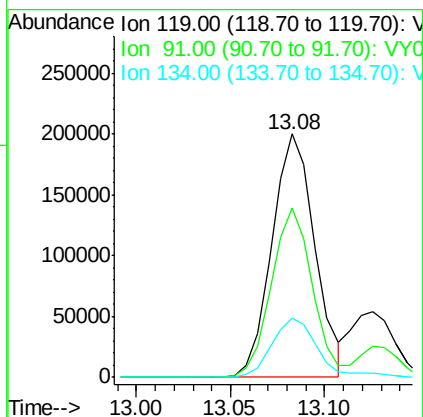
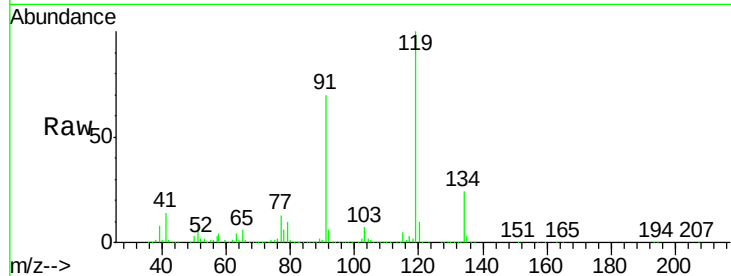
Time-->



#83
 tert-Butylbenzene
 Concen: 25.89 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

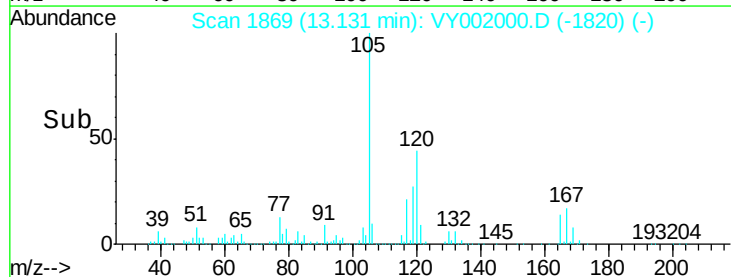
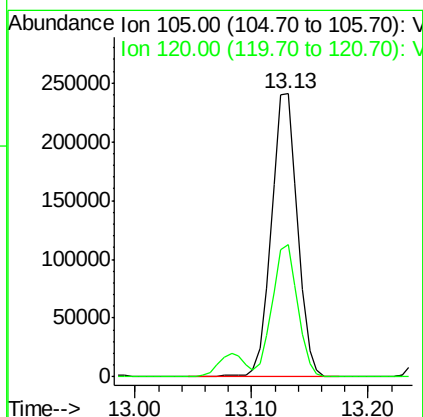
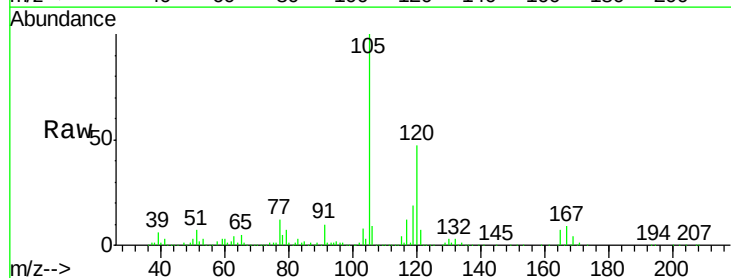
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

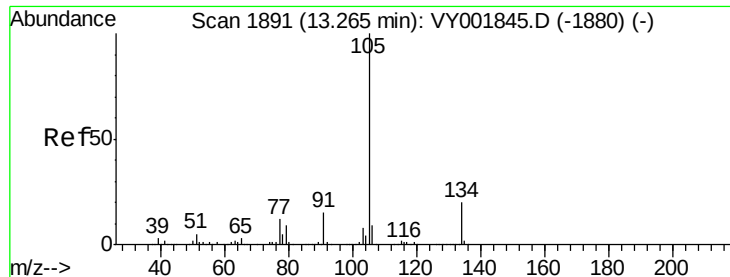
Tgt Ion:119 Resp: 316252
 Ion Ratio Lower Upper
 119 100
 91 66.0 34.0 101.8
 134 26.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 25.70 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion:105 Resp: 375015
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 26.12 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

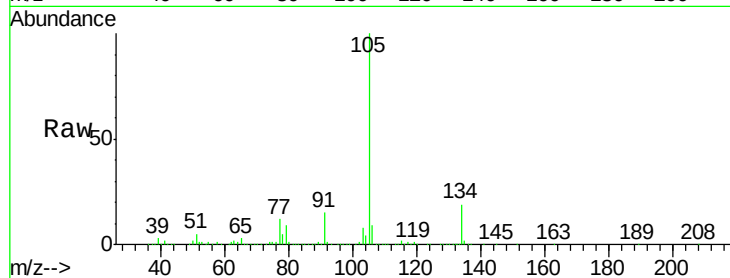
VSTDCCC050EC

Tgt Ion:105 Resp: 470263

Ion Ratio Lower Upper

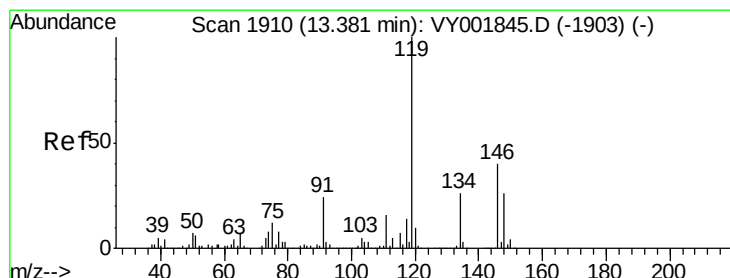
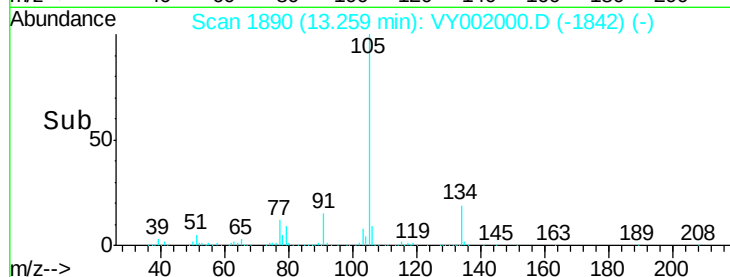
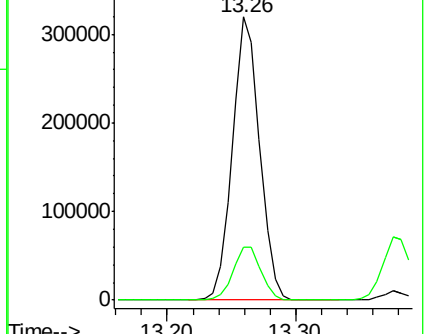
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 25.75 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

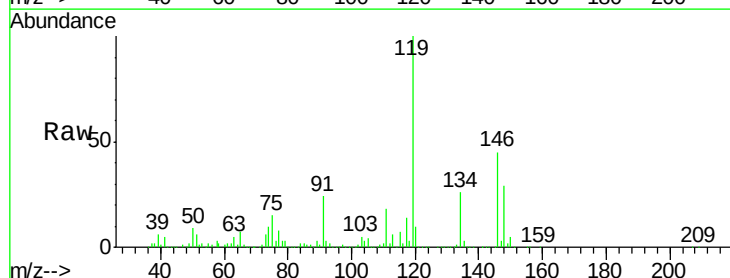
Tgt Ion:119 Resp: 399922

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

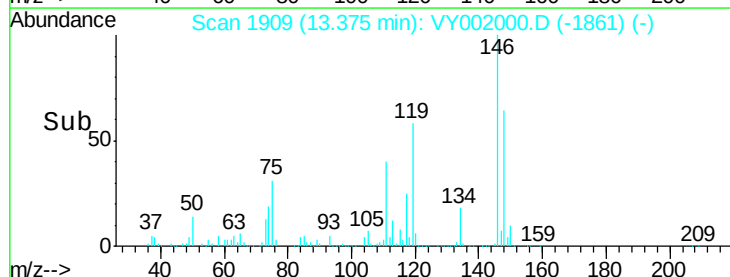
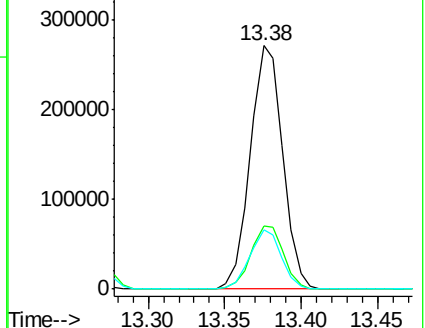
91 23.8 11.9 35.7

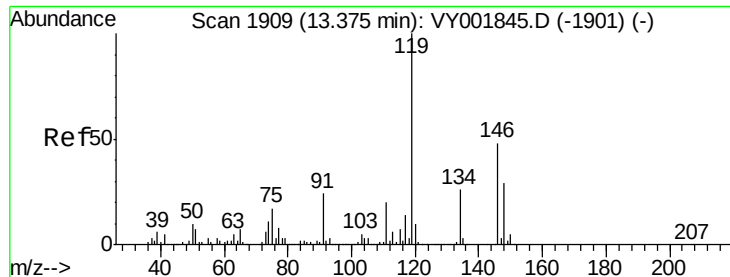


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

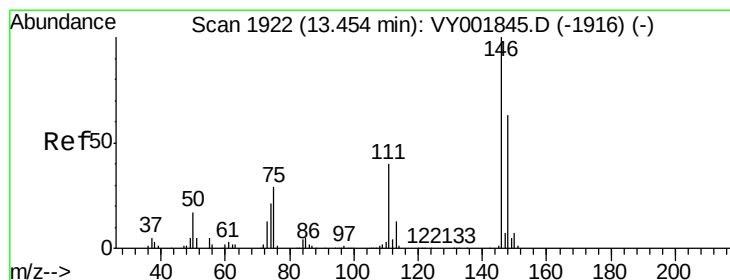
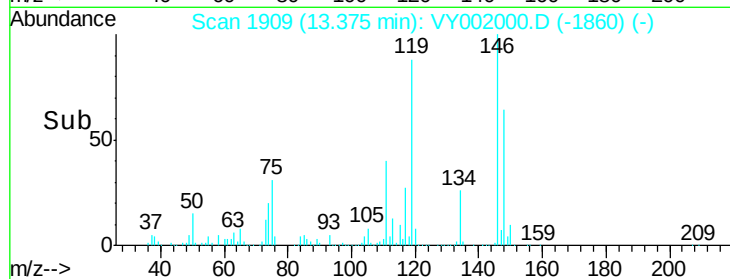
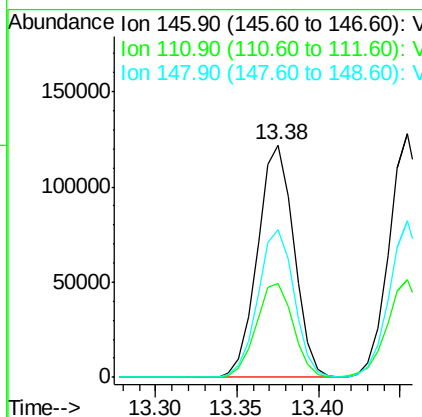
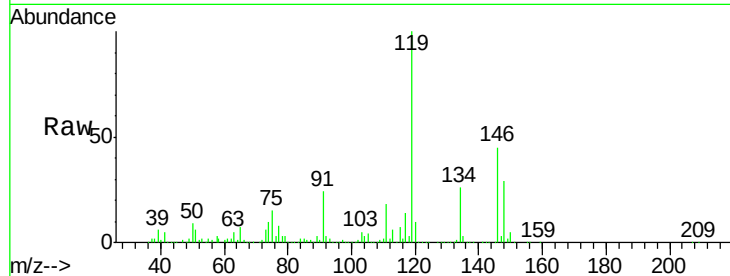




#87
 1,3-Dichlorobenzene
 Concen: 25.47 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

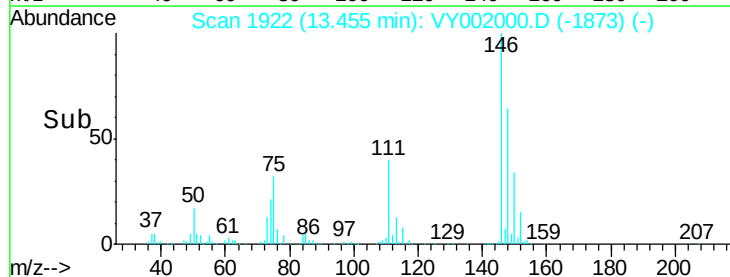
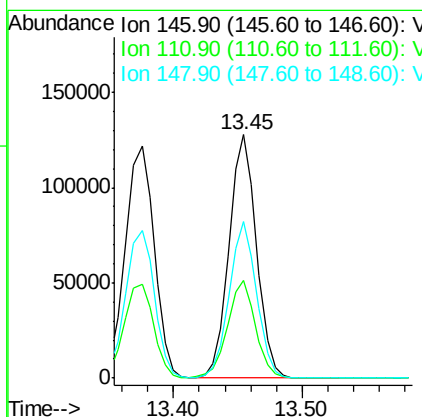
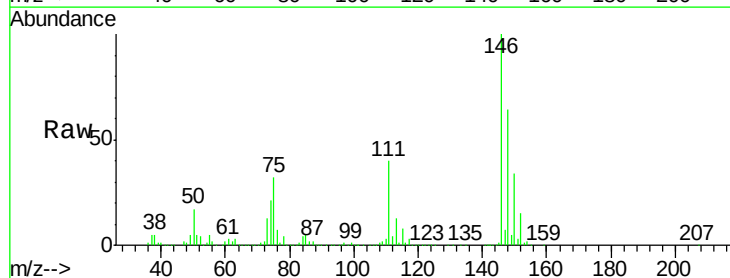
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

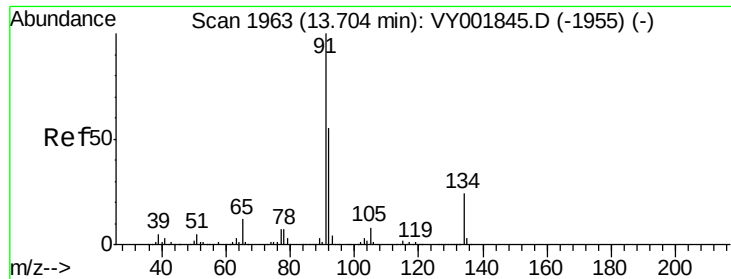
Tgt Ion:146 Resp: 188868
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.5
 148 63.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 25.27 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion:146 Resp: 190154
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 60.0
 148 64.0 31.5 94.5

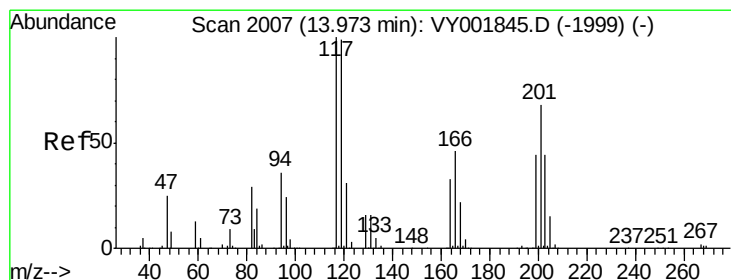
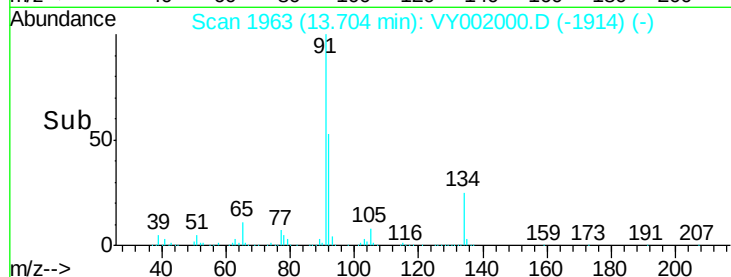
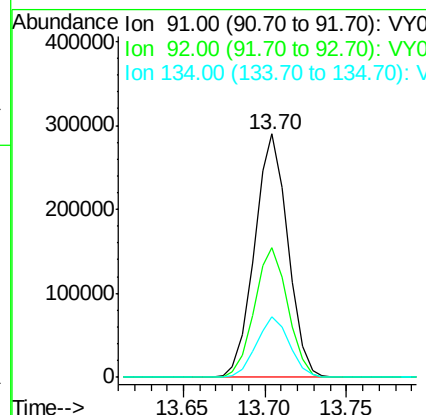
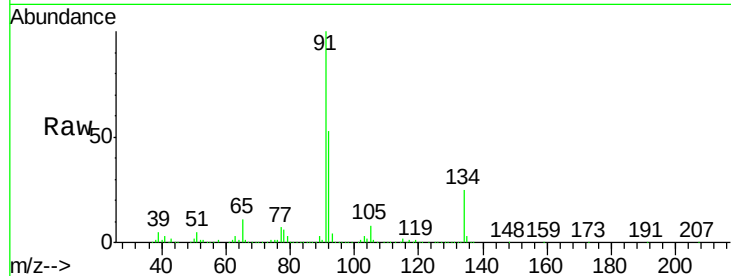




#89
n-Butylbenzene
Concen: 25.51 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

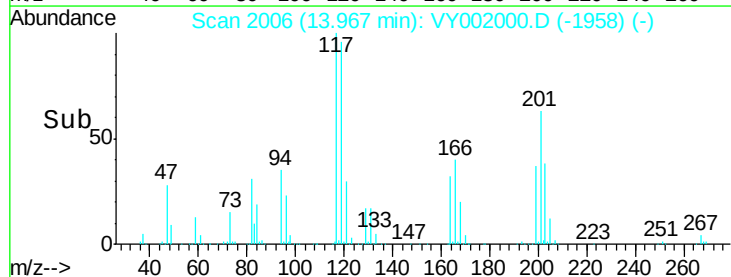
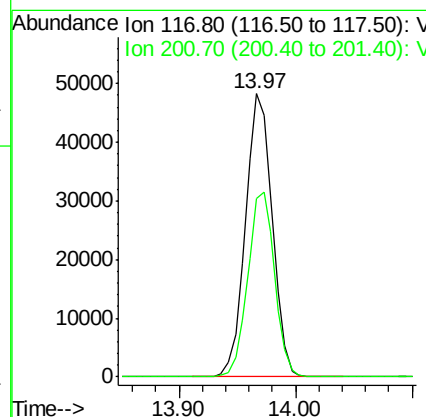
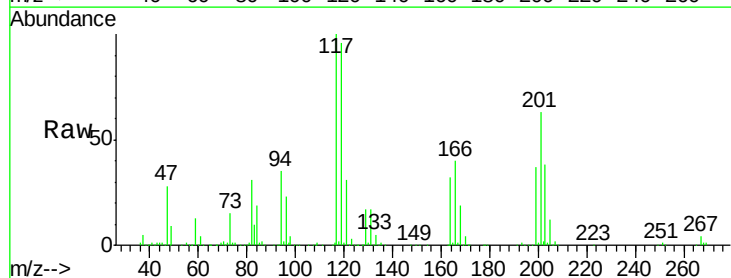
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

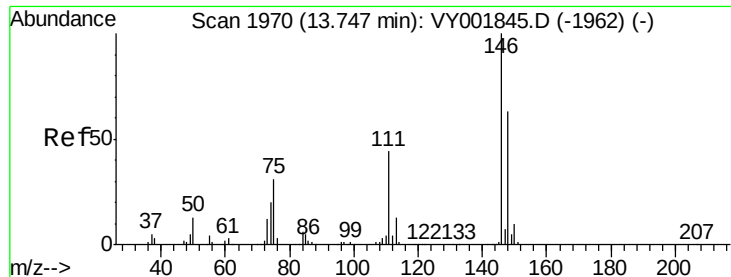
Tgt Ion: 91 Resp: 411045
Ion Ratio Lower Upper
91 100
92 53.8 27.5 82.4
134 24.7 12.5 37.5



#90
Hexachloroethane
Concen: 26.50 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 117 Resp: 77636
Ion Ratio Lower Upper
117 100
201 65.2 32.5 97.5

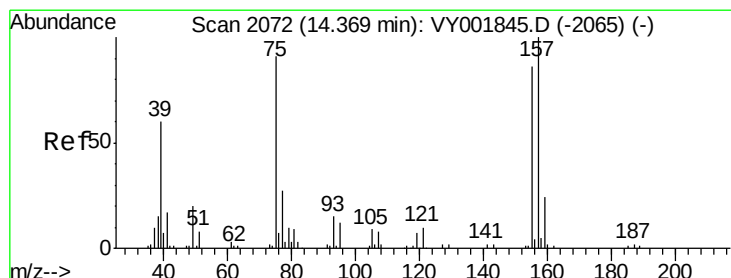
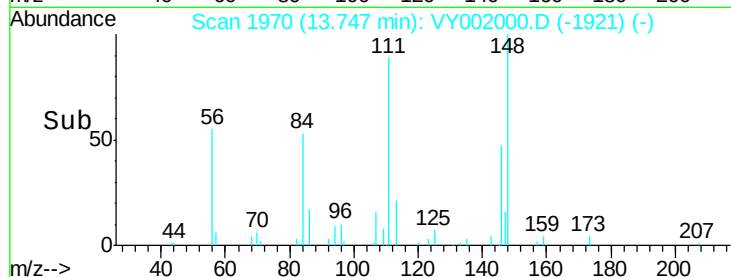
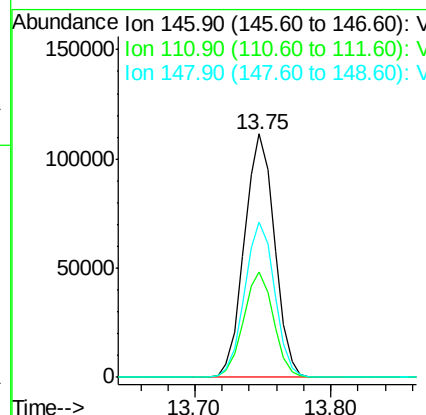
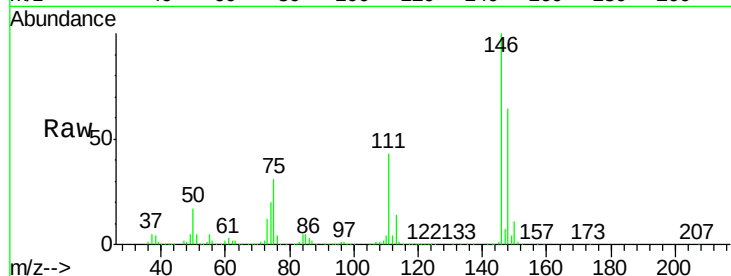




#91
 1,2-Dichlorobenzene
 Concen: 25.74 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

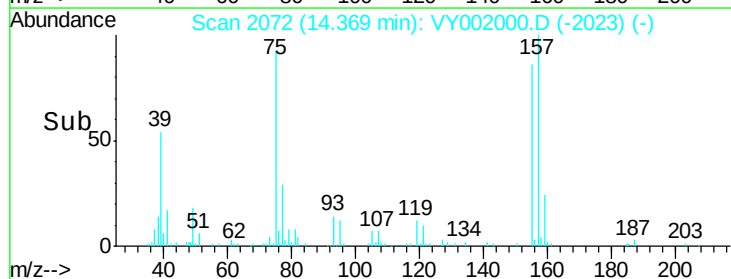
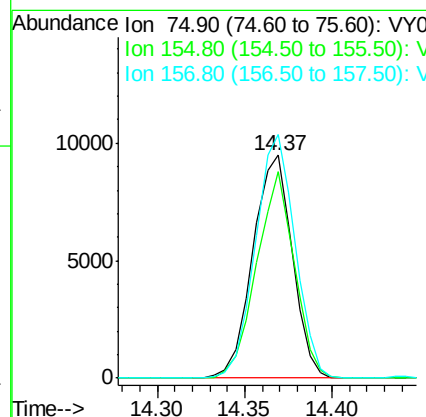
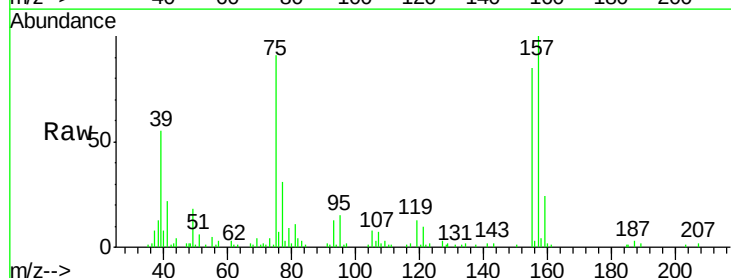
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

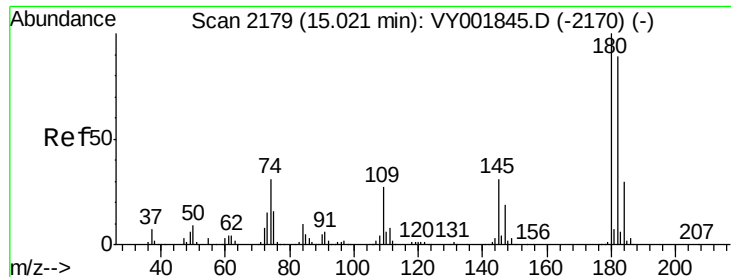
Tgt Ion: 146 Resp: 173435
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.5 64.5
 148 63.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.76 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 75 Resp: 14885
 Ion Ratio Lower Upper
 75 100
 155 88.3 42.9 128.7
 157 109.2 53.1 159.4

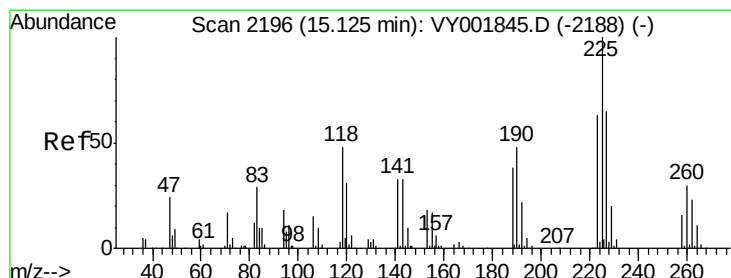
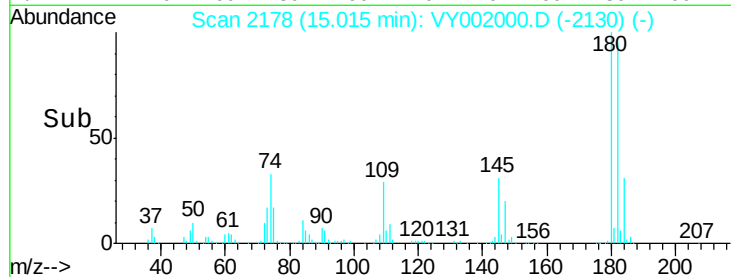
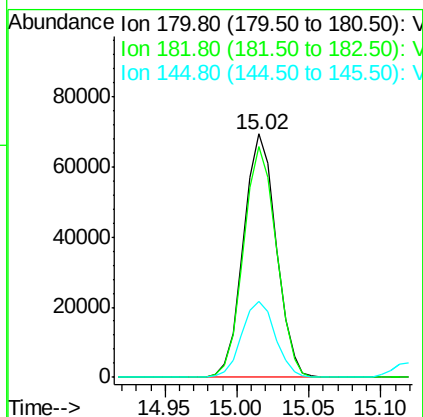
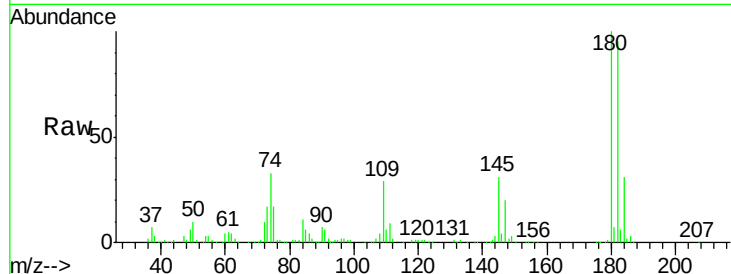




#93
 1,2,4-Trichlorobenzene
 Concen: 24.94 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

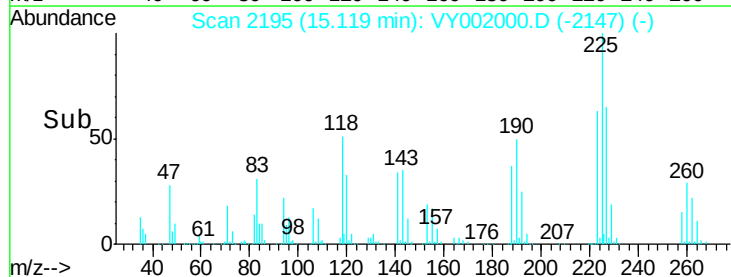
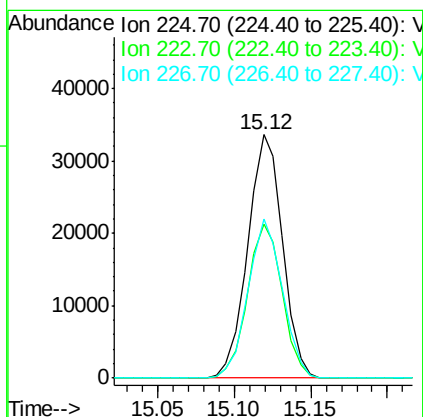
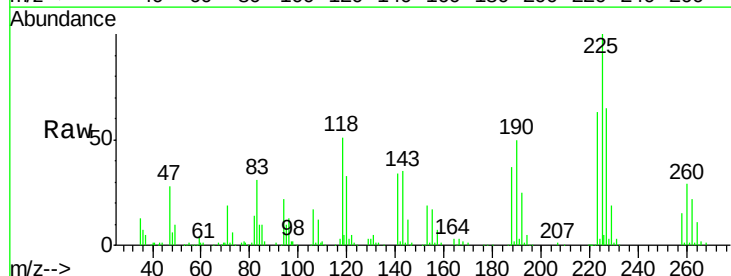
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

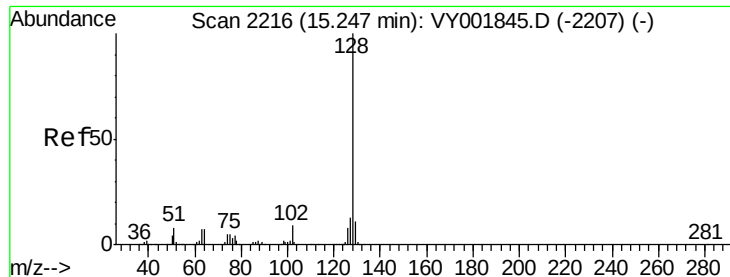
Tgt Ion:180 Resp: 108987
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.1 138.3
 145 32.1 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 25.04 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion:225 Resp: 53341
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.5 94.5
 227 64.4 31.9 95.5

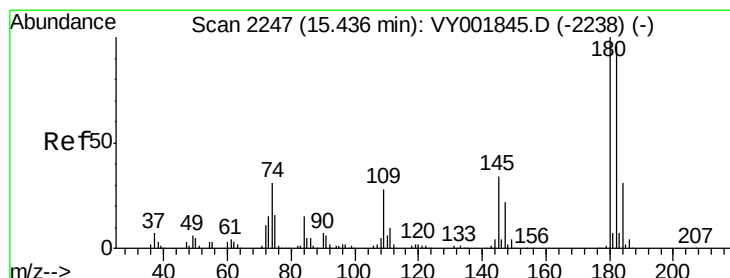
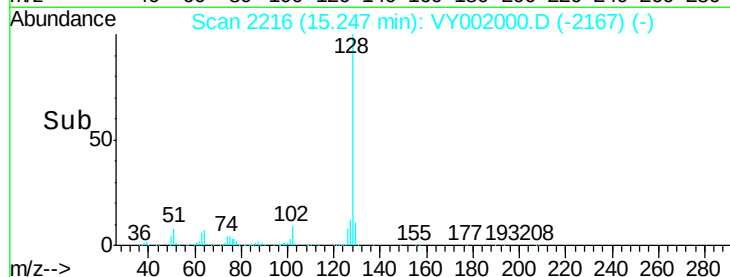
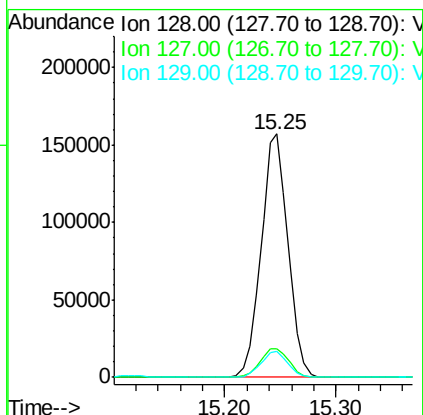
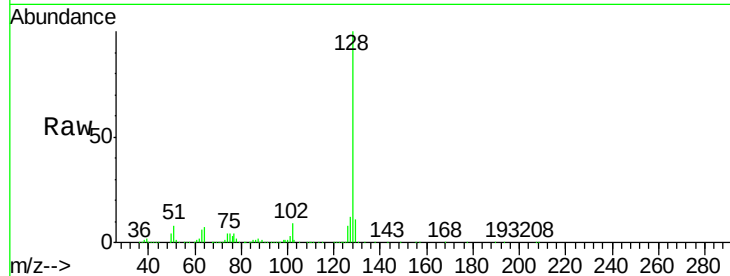




#95
Naphthalene
Concen: 25.41 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 263332
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 25.26 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion:180 Resp: 97222
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.9
145 34.1 16.8 50.3

