

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002800.D
 Acq On : 29 May 2020 15:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 30 04:27:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	319269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	469560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	122879	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
35) Dibromofluoromethane	7.72	113	132832	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.18	98	532681	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.48	95	182360	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	102229	46.53	ug/l	98
3) Chloromethane	2.12	50	116398	47.90	ug/l	99
4) Vinyl Chloride	2.26	62	126214	49.14	ug/l	99
5) Bromomethane	2.66	94	99079	51.48	ug/l	98
6) Chloroethane	2.80	64	86770	52.12	ug/l	99
7) Trichlorofluoromethane	3.13	101	229887	50.54	ug/l	100
8) Diethyl Ether	3.54	74	77273	43.51	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	141020	52.21	ug/l	98
10) Methyl Iodide	4.10	142	200809	53.14	ug/l	100
11) Tert butyl alcohol	4.96	59	53074	174.26	ug/l	99
12) 1,1-Dichloroethene	3.88	96	140741	51.82	ug/l	98
13) Acrolein	3.74	56	64229	197.71	ug/l	100
14) Allyl chloride	4.49	41	204871	52.59	ug/l	99
15) Acrylonitrile	5.18	53	168074	209.76	ug/l	99
16) Acetone	3.96	43	121415	186.78	ug/l	100
17) Carbon Disulfide	4.20	76	415787	50.66	ug/l	100
18) Methyl Acetate	4.49	43	68660	41.94	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	348228	46.44	ug/l	99
20) Methylene Chloride	4.72	84	159545	50.22	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	158329	51.83	ug/l	98
22) Diisopropyl ether	6.13	45	427044	52.75	ug/l	98
23) Vinyl Acetate	6.07	43	1285268	240.48	ug/l	100
24) 1,1-Dichloroethane	6.02	63	253769	53.59	ug/l	99
25) 2-Butanone	6.99	43	193754	191.31	ug/l	99
26) 2,2-Dichloropropane	6.99	77	231633	51.00	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	177004	51.76	ug/l	100
28) Bromochloromethane	7.34	49	99748	51.31	ug/l	100
29) Tetrahydrofuran	7.35	42	129370	196.39	ug/l	99
30) Chloroform	7.51	83	268161	53.37	ug/l	95
31) Cyclohexane	7.79	56	229543	48.82	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	243555	52.01	ug/l	99
36) 1,1-Dichloropropene	7.92	75	208044	52.60	ug/l	100
37) Ethyl Acetate	7.08	43	89093	41.40	ug/l	99
38) Carbon Tetrachloride	7.91	117	228621	52.03	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	266821	51.18	ug/l	98
40) Benzene	8.16	78	615732	52.68	ug/l	99
41) Methacrylonitrile	7.33	41	50805m	43.94	ug/l	
42) 1,2-Dichloroethane	8.24	62	159284	48.63	ug/l	99
43) Isopropyl Acetate	8.28	43	172611	42.33	ug/l	98
44) Trichloroethene	8.94	130	189955	51.45	ug/l	99
45) 1,2-Dichloropropane	9.22	63	147038	52.46	ug/l	99
46) Dibromomethane	9.31	93	80440	48.33	ug/l	98
47) Bromodichloromethane	9.50	83	205303	52.32	ug/l	98
48) Methyl methacrylate	9.30	41	79230	43.04	ug/l	100
49) 1,4-Dioxane	9.30	88	21176	828.53	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	437790	202.73	ug/l	100
52) Toluene	10.24	92	399507	52.25	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	214214	49.98	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	249331	51.34	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	121960	47.86	ug/l	96
56) Ethyl methacrylate	10.51	69	154174	45.17	ug/l	99
57) 1,3-Dichloropropane	10.79	76	202941	48.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	360254	216.00	ug/l	99
59) 2-Hexanone	10.83	43	304265	198.58	ug/l	100
60) Dibromochloromethane	10.99	129	160310	49.62	ug/l	99
61) 1,2-Dibromoethane	11.09	107	117931	46.91	ug/l	99
64) Tetrachloroethene	10.72	164	200326	50.62	ug/l	99
65) Chlorobenzene	11.52	112	447111	51.95	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	169286	52.22	ug/l	100
67) Ethyl Benzene	11.59	91	786446	52.71	ug/l	100
68) m/p-Xylenes	11.70	106	606114	104.77	ug/l	99
69) o-Xylene	12.03	106	287058	52.56	ug/l	99
70) Styrene	12.05	104	498357	52.64	ug/l	100
71) Bromoform	12.21	173	101537	46.81	ug/l #	99
73) Isopropylbenzene	12.33	105	788389	53.29	ug/l	100
74) N-amyl acetate	12.14	43	169806	44.73	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	118042	45.47	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	96090m	46.19	ug/l	
77) Bromobenzene	12.61	156	196483	51.00	ug/l	99
78) n-propylbenzene	12.67	91	919722	53.82	ug/l	100
79) 2-Chlorotoluene	12.76	91	509778	53.18	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	661054	53.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	48993	44.37	ug/l	99
82) 4-Chlorotoluene	12.86	91	537091	53.47	ug/l	99
83) tert-Butylbenzene	13.08	119	580486	52.68	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	666619	53.67	ug/l	99
85) sec-Butylbenzene	13.25	105	807978	53.63	ug/l	100
86) p-Isopropyltoluene	13.37	119	753316	53.73	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	378952	51.93	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	375249	51.41	ug/l	100
89) n-Butylbenzene	13.70	91	688109	54.06	ug/l	100
90) Hexachloroethane	13.96	117	141895	54.06	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	338067	51.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21064	42.18	ug/l	96

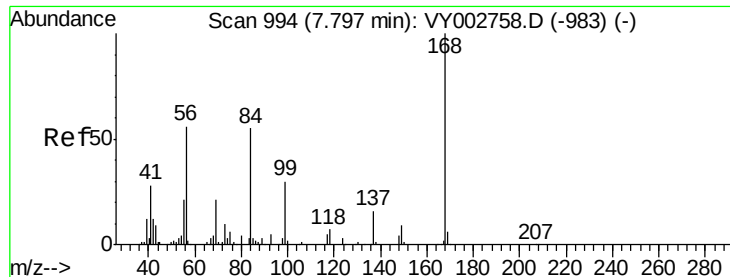
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	251467	50.41	ug/l	100
94) Hexachlorobutadiene	15.11	225	149472	52.83	ug/l	99
95) Naphthalene	15.23	128	438578	43.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	216557	48.62	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

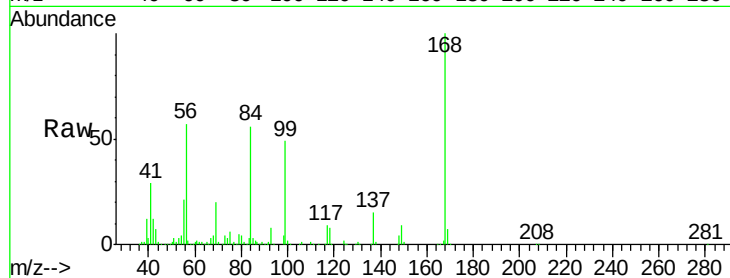
VSTDCCC050EC

Tgt Ion:168 Resp: 319269

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

150000

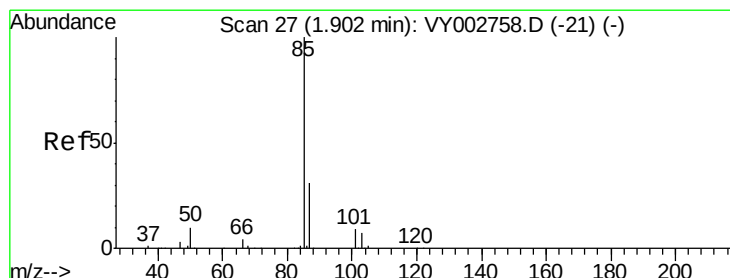
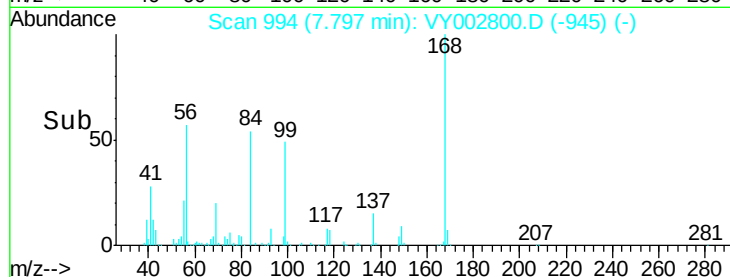
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.53 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002800.D

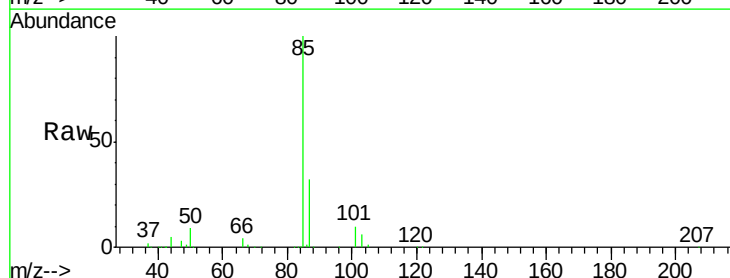
Acq: 29 May 2020 15:55

Tgt Ion: 85 Resp: 102229

Ion Ratio Lower Upper

85 100

87 32.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

80000

60000

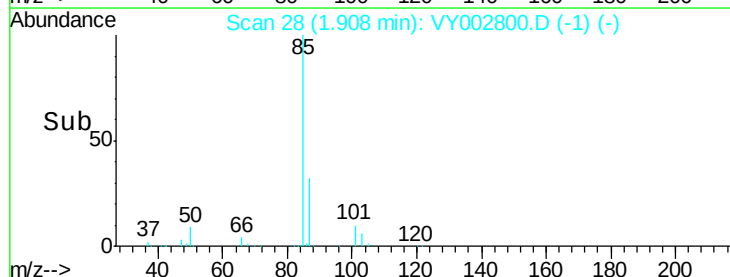
40000

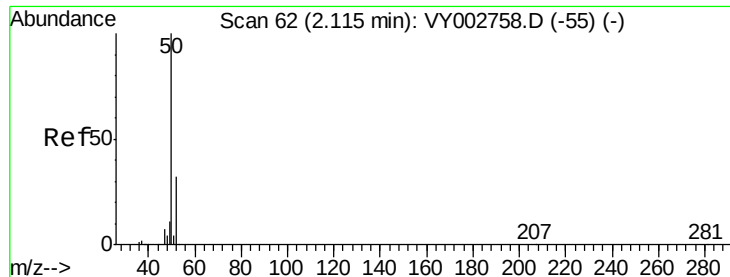
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.90 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

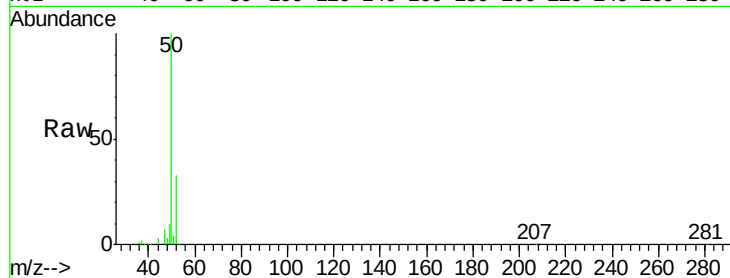
VSTDCCC050EC

Tgt Ion: 50 Resp: 116398

Ion Ratio Lower Upper

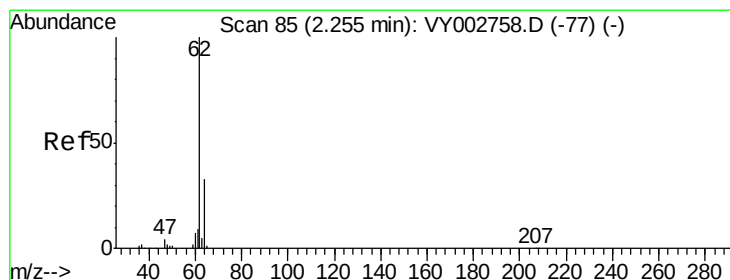
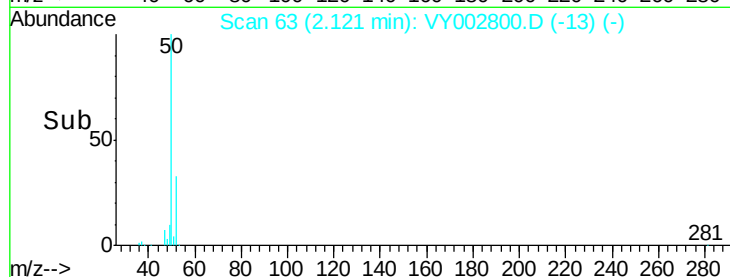
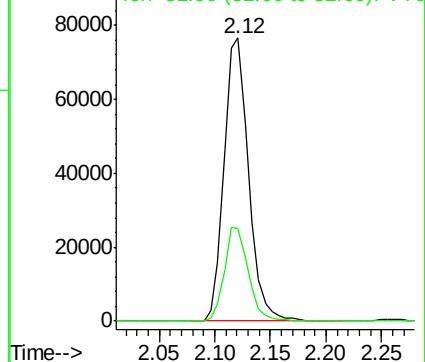
50 100

52 32.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.14 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002800.D

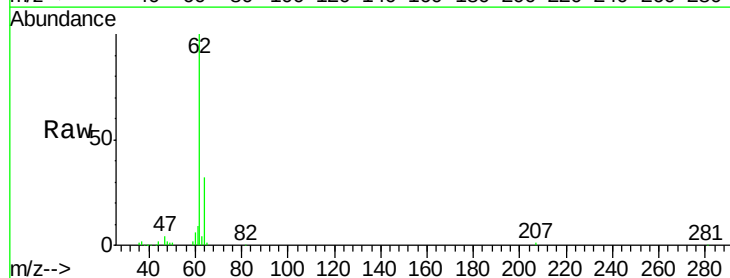
Acq: 29 May 2020 15:55

Tgt Ion: 62 Resp: 126214

Ion Ratio Lower Upper

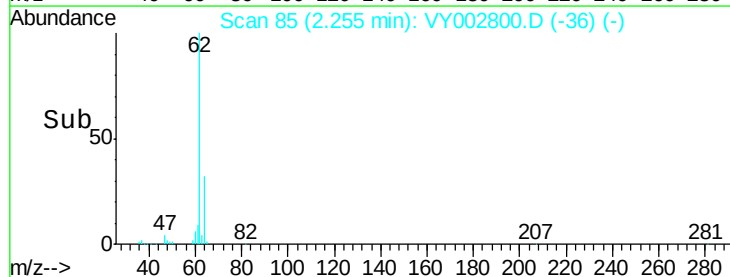
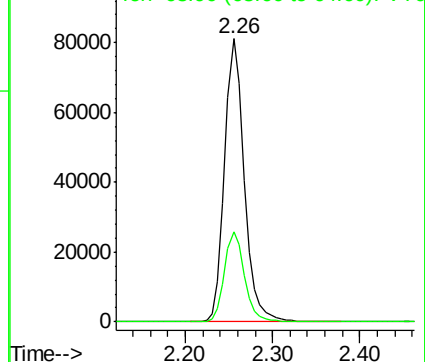
62 100

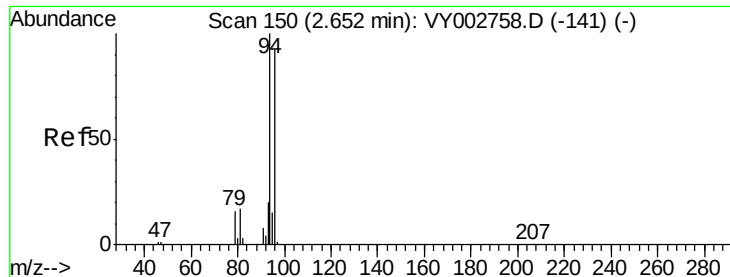
64 31.8 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 51.48 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

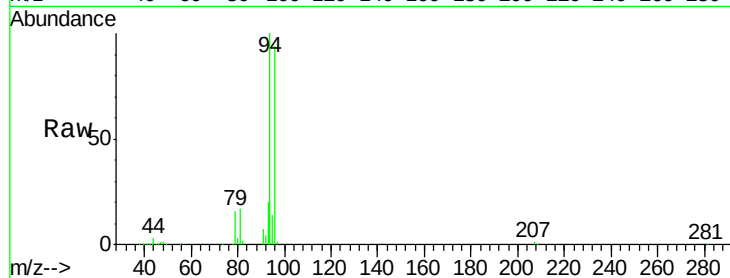
VSTDCCC050EC

Tgt Ion: 94 Resp: 99079

Ion Ratio Lower Upper

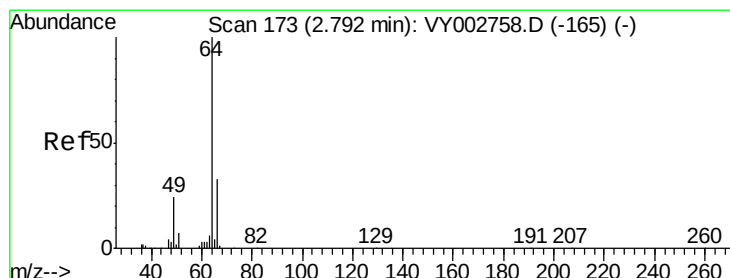
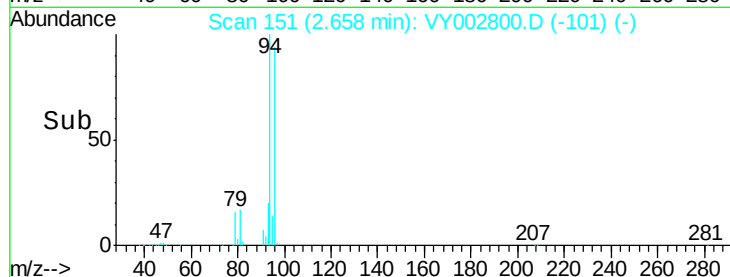
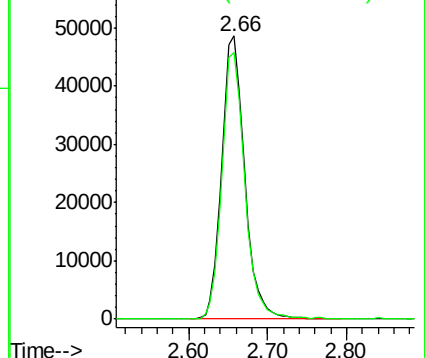
94 100

96 94.2 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 52.12 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002800.D

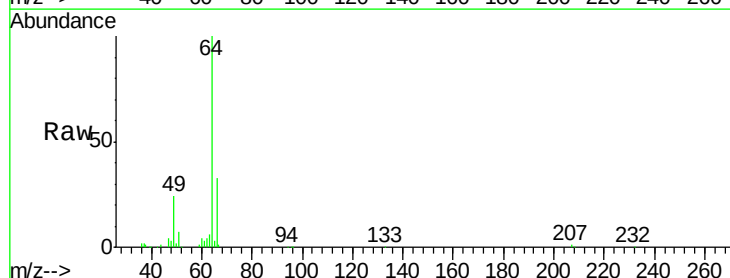
Acq: 29 May 2020 15:55

Tgt Ion: 64 Resp: 86770

Ion Ratio Lower Upper

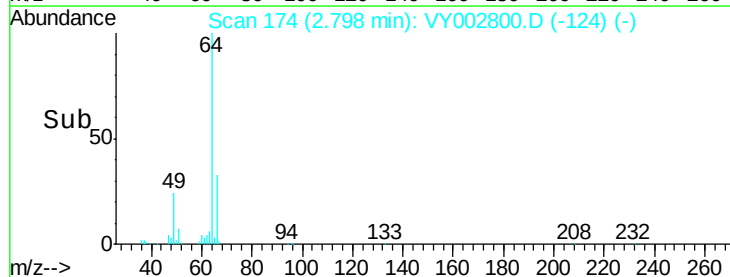
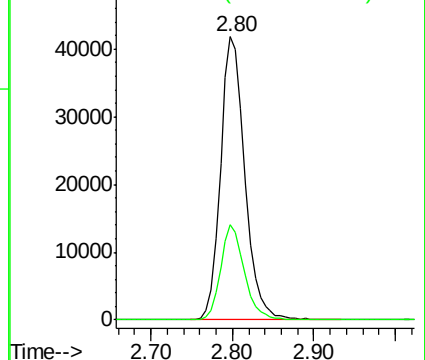
64 100

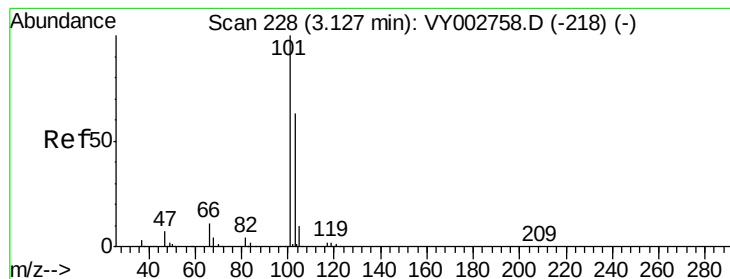
66 33.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 50.54 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

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ClientSampleId :

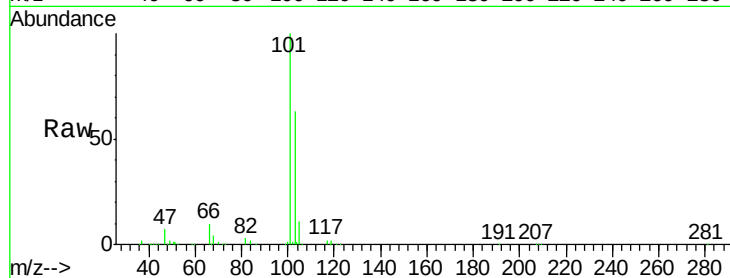
VSTDCCC050EC

Tgt Ion: 101 Resp: 229887

Ion Ratio Lower Upper

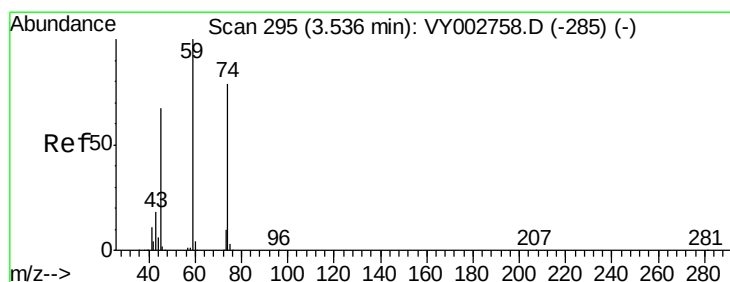
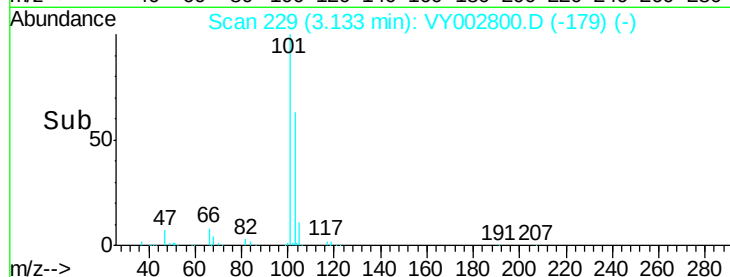
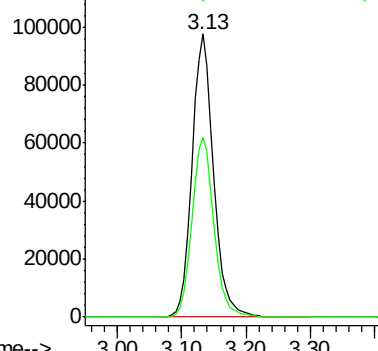
101 100

103 63.4 50.6 76.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 43.51 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY002800.D

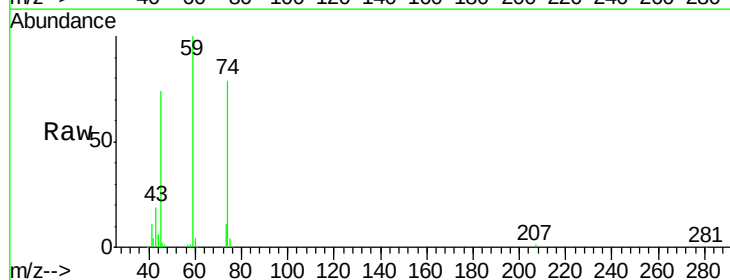
Acq: 29 May 2020 15:55

Tgt Ion: 74 Resp: 77273

Ion Ratio Lower Upper

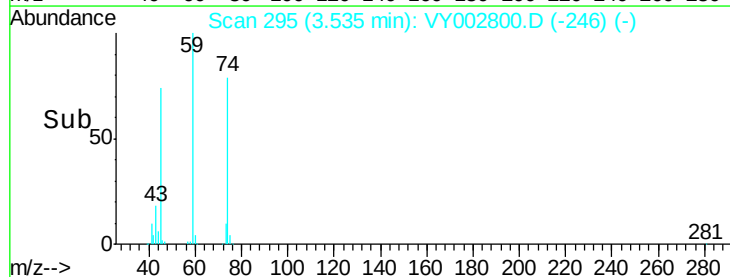
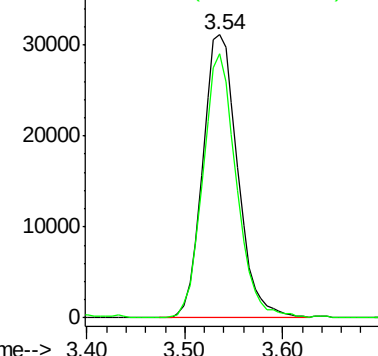
74 100

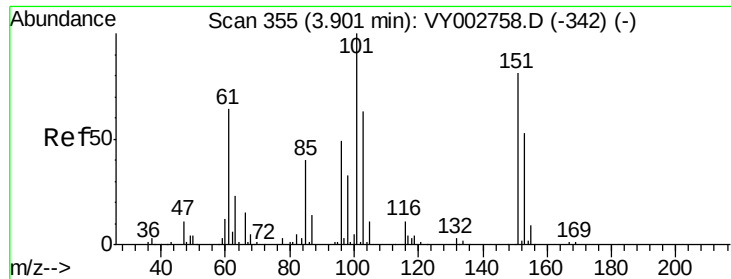
45 89.3 44.0 131.8



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.21 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

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VSTDCCC050EC

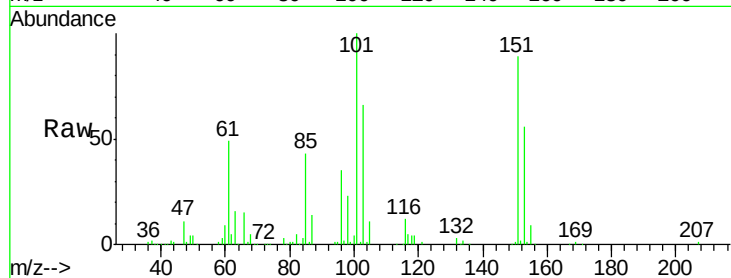
Tgt Ion:101 Resp: 141020

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

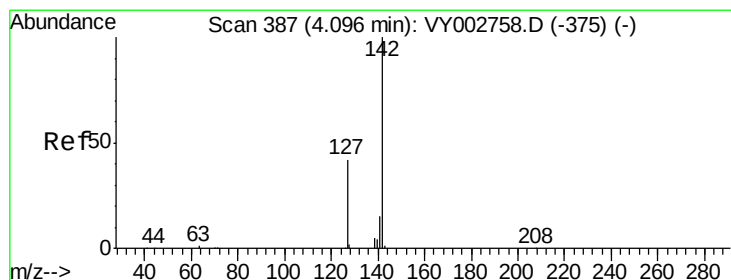
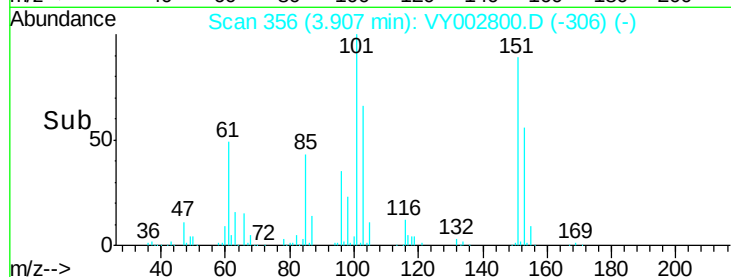
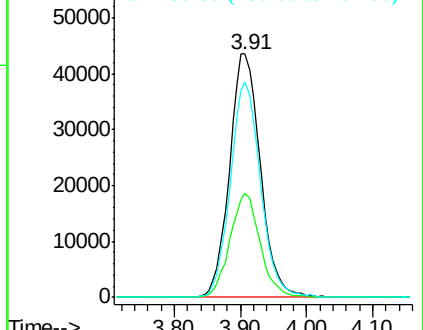
151 86.6 68.0 102.0



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: 53.14 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

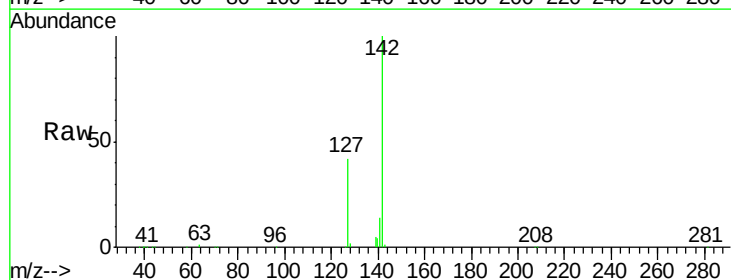
Tgt Ion:142 Resp: 200809

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

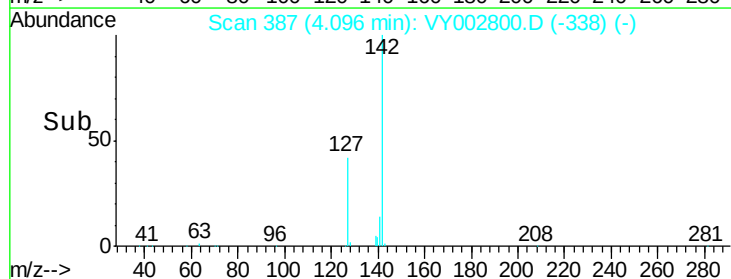
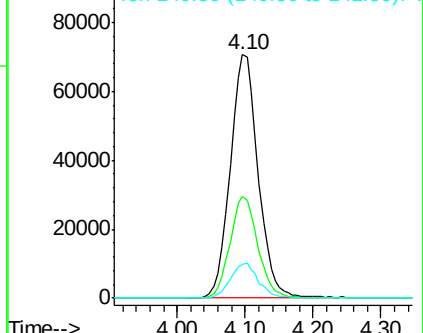
141 14.4 11.5 17.3

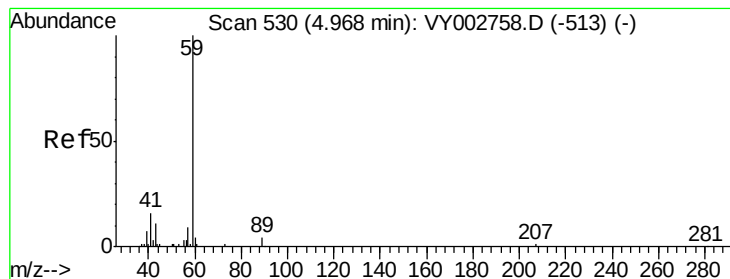


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



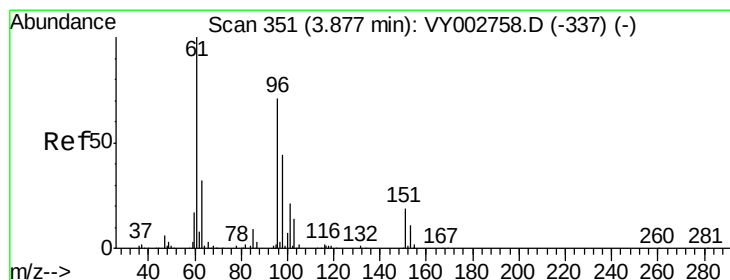
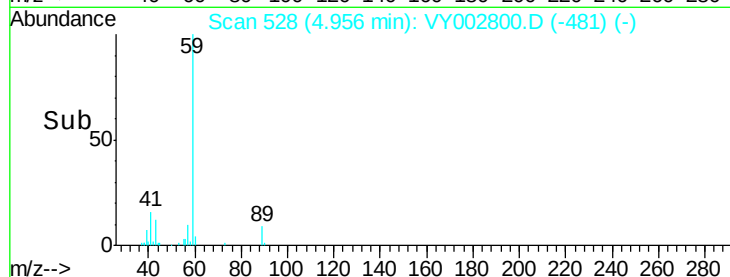
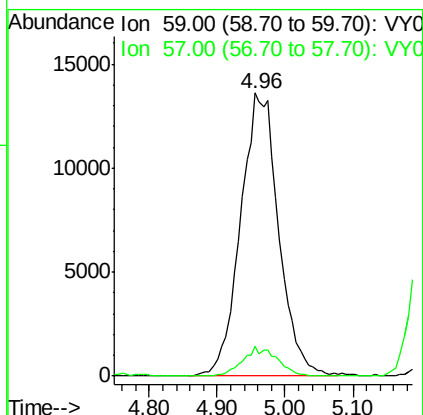
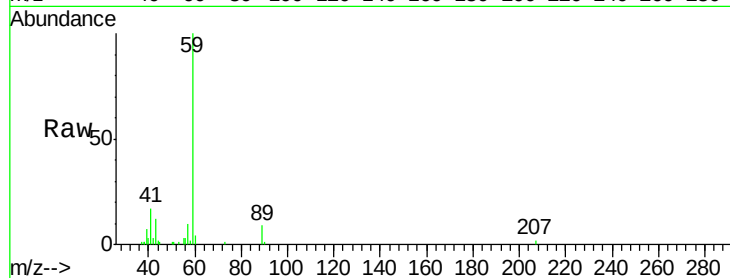


#11

Tert butyl alcohol
 Concen: 174.26 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

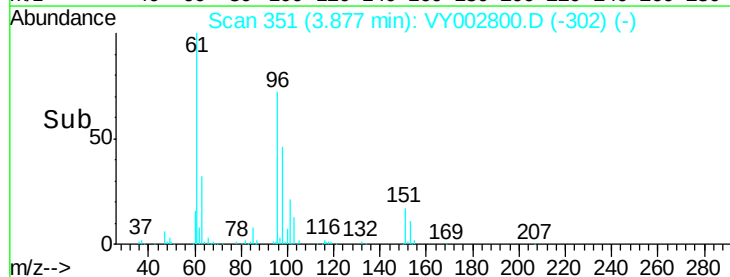
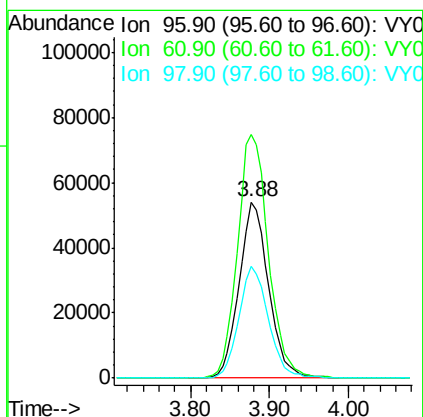
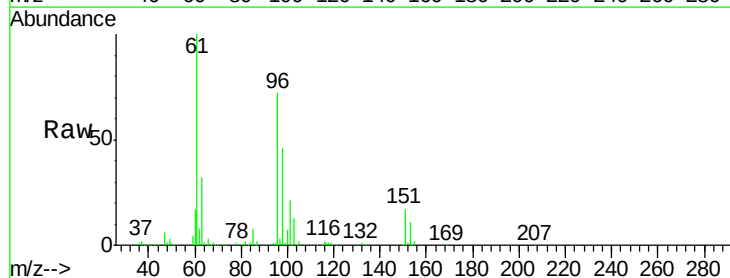
Tgt Ion: 59 Resp: 53074
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.7 11.5

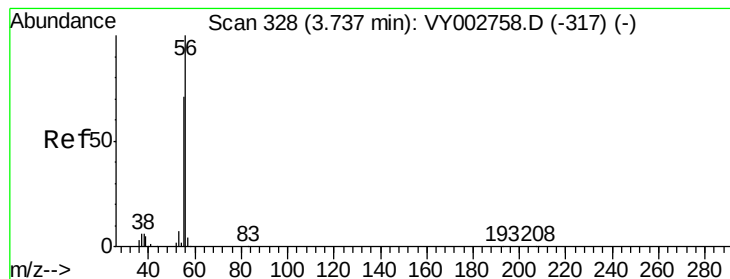


#12

1,1-Dichloroethene
 Concen: 51.82 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion: 96 Resp: 140741
 Ion Ratio Lower Upper
 96 100
 61 138.1 112.6 168.8
 98 63.8 50.0 75.0





#13

Acrolein

Concen: 197.71 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

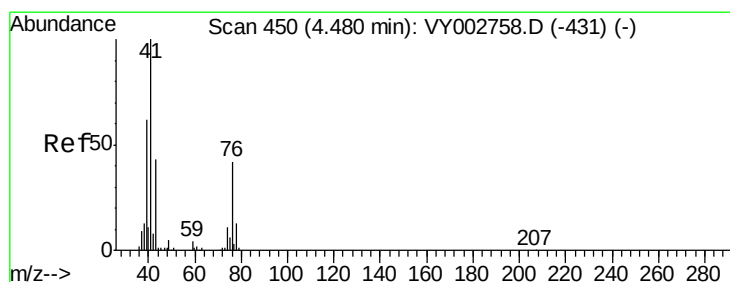
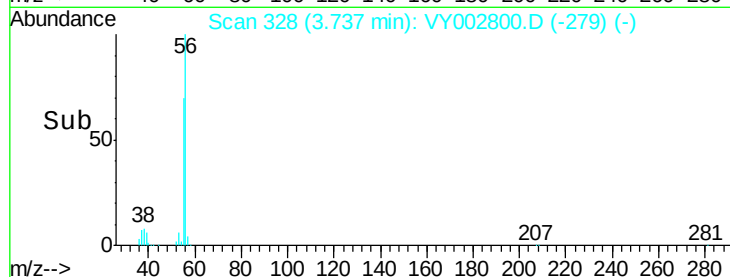
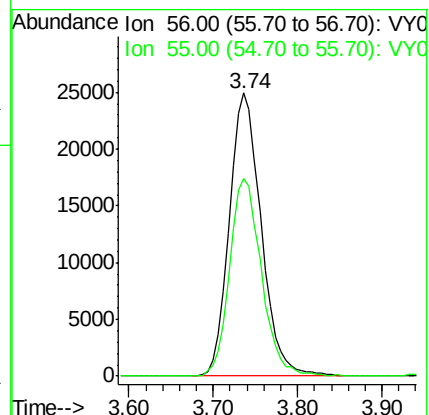
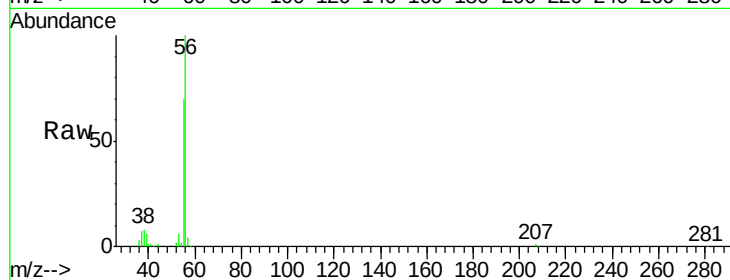
VSTDCCC050EC

Tgt Ion: 56 Resp: 64229

Ion Ratio Lower Upper

56 100

55 69.7 56.0 84.0



#14

Allyl chloride

Concen: 52.59 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

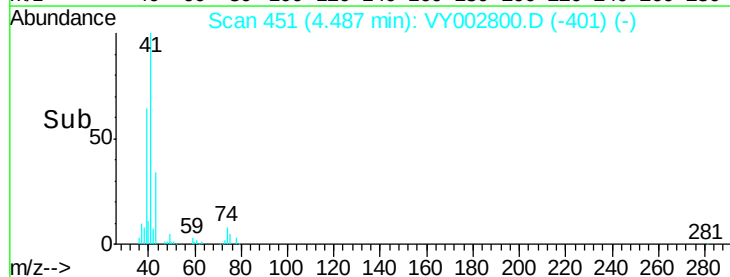
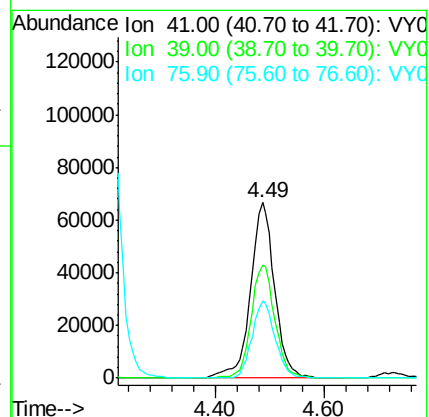
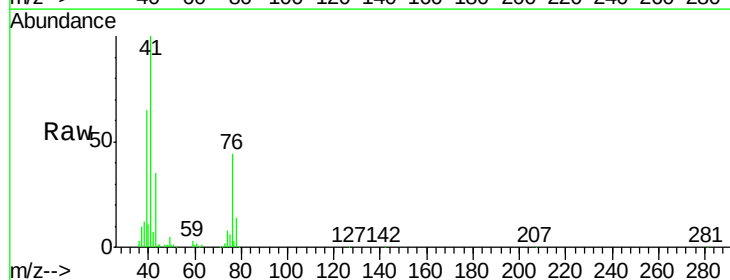
Tgt Ion: 41 Resp: 204871

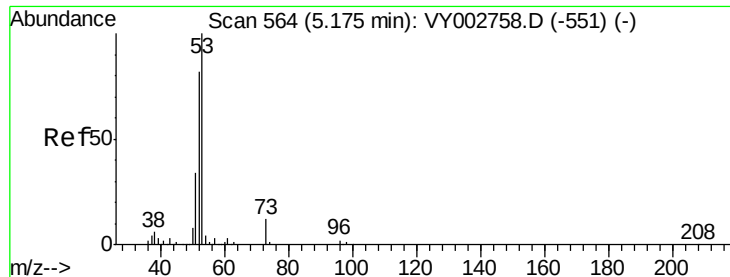
Ion Ratio Lower Upper

41 100

39 63.5 49.9 74.9

76 42.1 33.2 49.8





#15

Acrylonitrile

Concen: 209.76 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

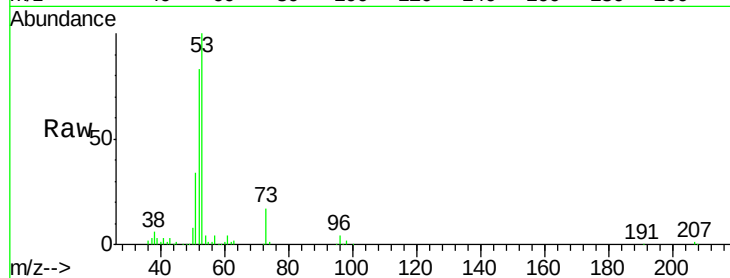
Tgt Ion: 53 Resp: 168074

Ion Ratio Lower Upper

53 100

52 82.4 65.3 97.9

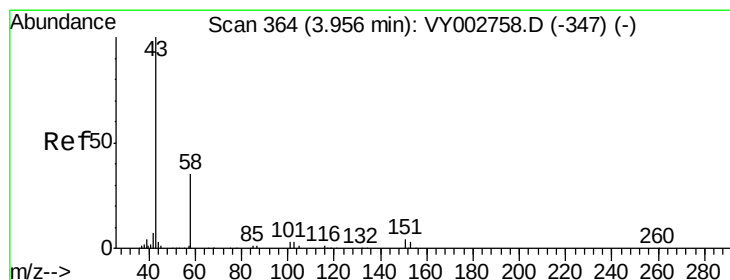
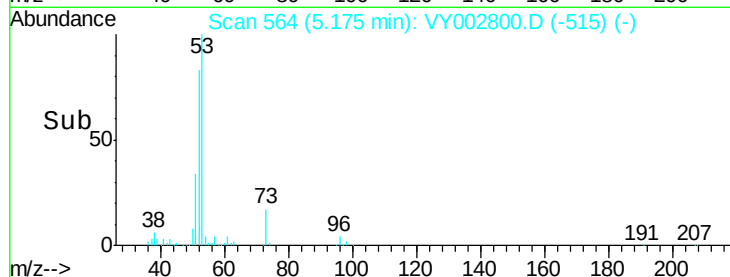
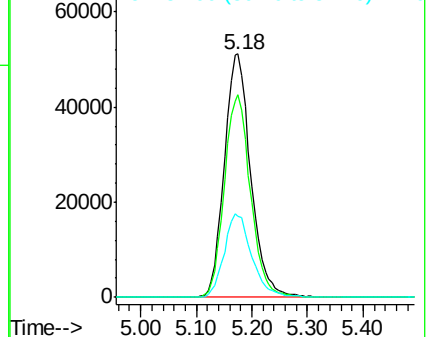
51 35.8 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 186.78 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002800.D

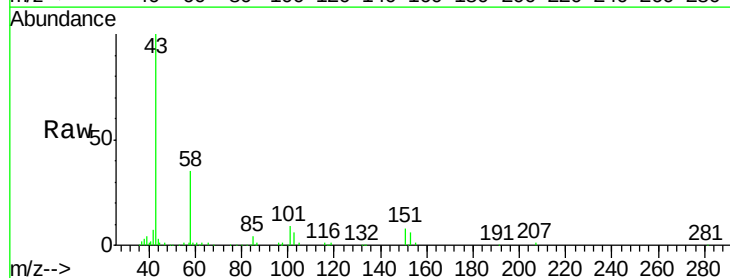
Acq: 29 May 2020 15:55

Tgt Ion: 43 Resp: 121415

Ion Ratio Lower Upper

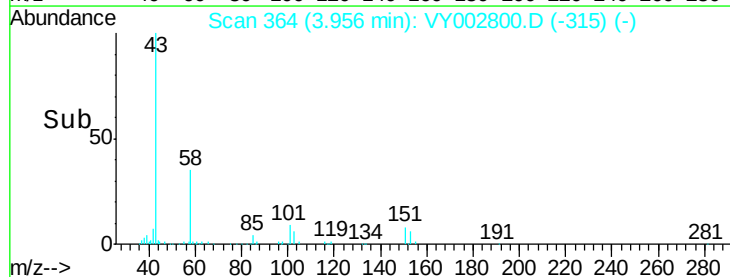
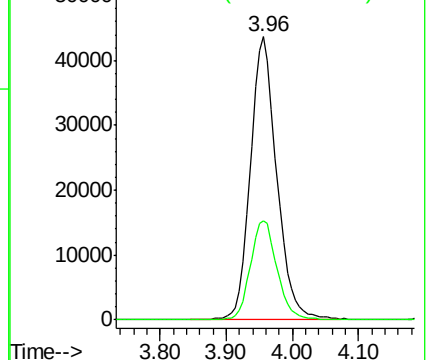
43 100

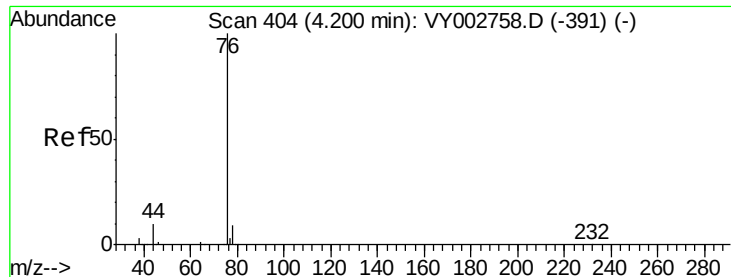
58 34.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 50.66 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

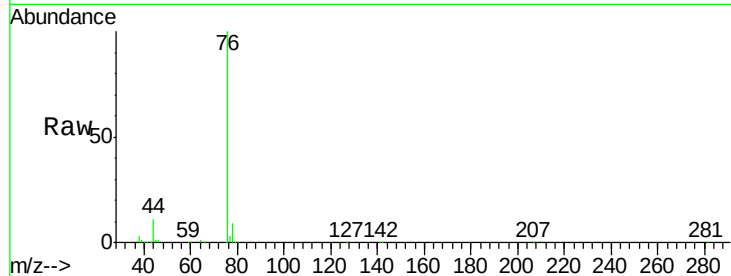
VSTDCCC050EC

Tgt Ion: 76 Resp: 415787

Ion Ratio Lower Upper

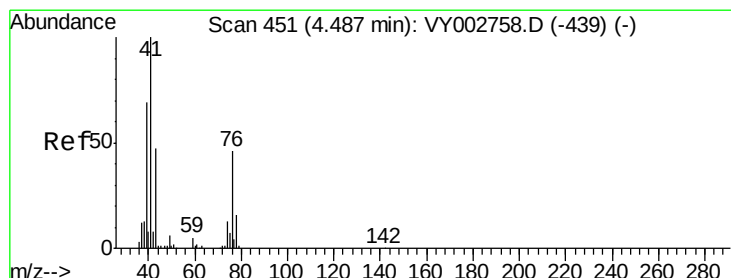
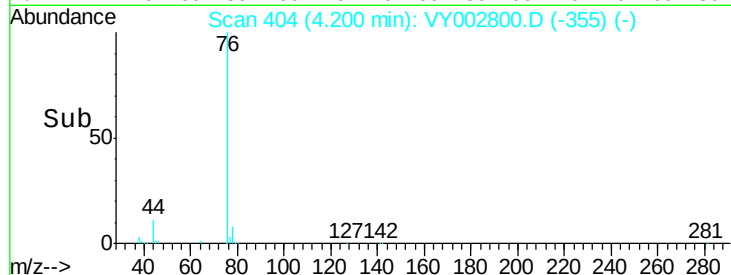
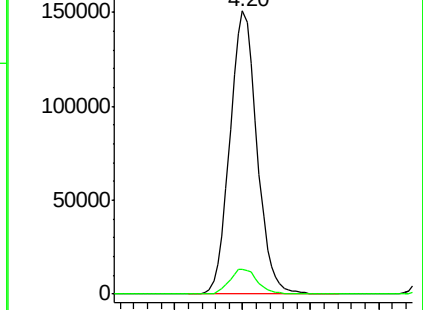
76 100

78 8.7 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 41.94 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002800.D

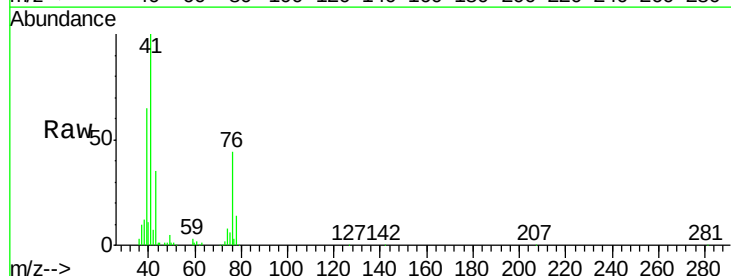
Acq: 29 May 2020 15:55

Tgt Ion: 43 Resp: 68660

Ion Ratio Lower Upper

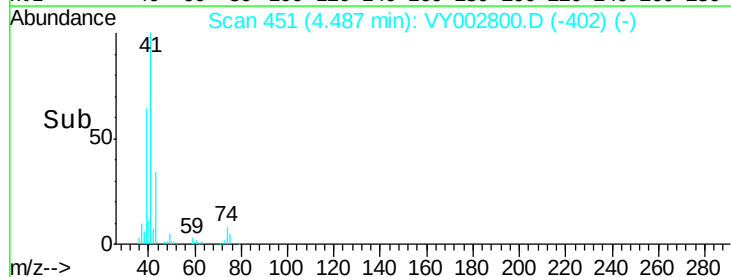
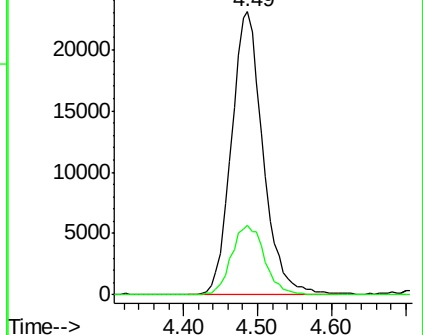
43 100

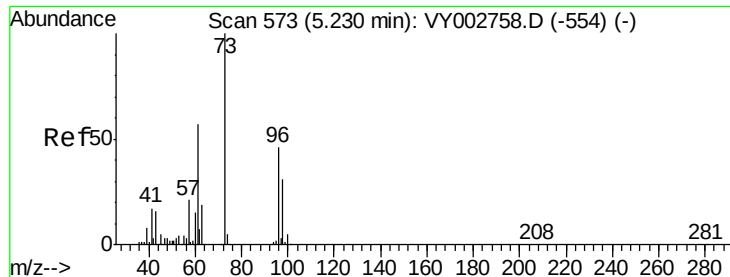
74 25.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

Methyl tert-butyl Ether

Concen: 46.44 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

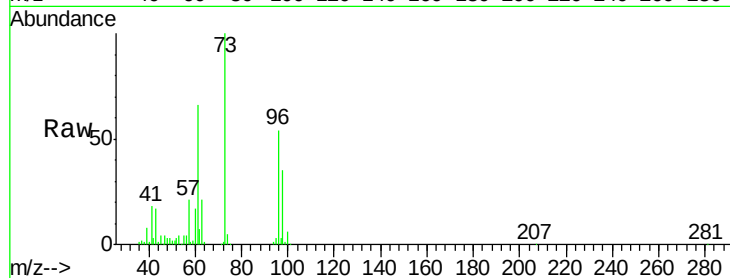
VSTDCCC050EC

Tgt Ion: 73 Resp: 348228

Ion Ratio Lower Upper

73 100

57 20.9 17.0 25.4



Abundance Ion 73.00 (72.70 to 73.70): VY002800.D (-524) (-)

Ion 57.00 (56.70 to 57.70): VY002800.D (-524) (-)

5.23

100000

80000

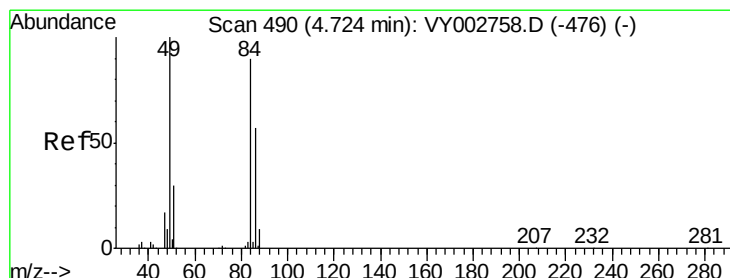
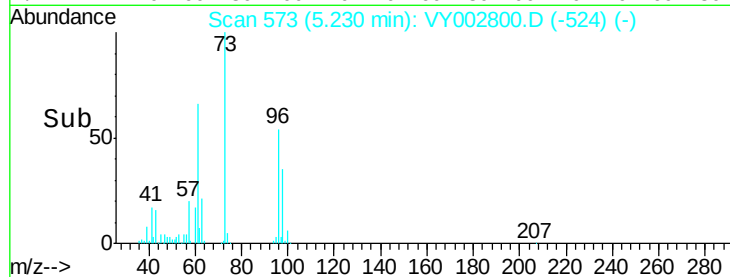
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 50.22 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Tgt Ion: 84 Resp: 159545

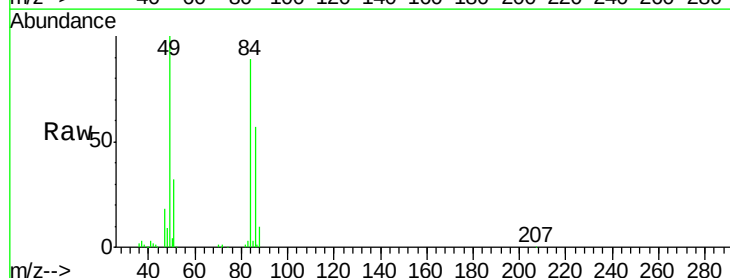
Ion Ratio Lower Upper

84 100

49 112.4 88.5 132.7

51 35.5 26.8 40.2

86 64.2 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002800.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002800.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002800.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002800.D (-441) (-)

4.72

80000

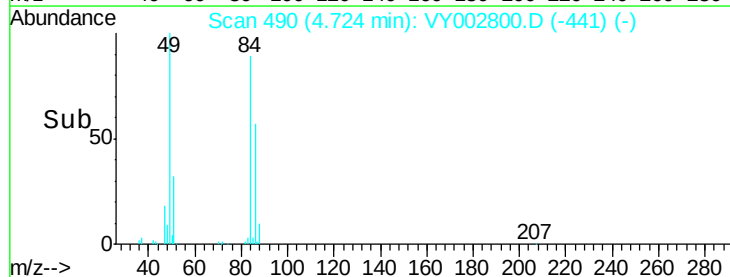
60000

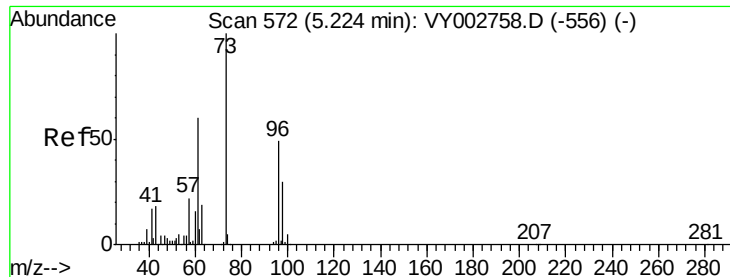
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 51.83 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

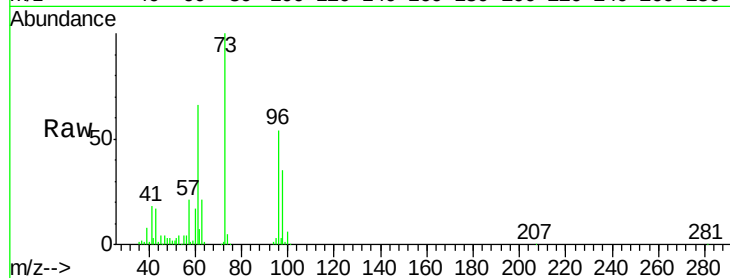
Tgt Ion: 96 Resp: 158329

Ion Ratio Lower Upper

96 100

61 122.5 96.8 145.2

98 64.2 49.4 74.0

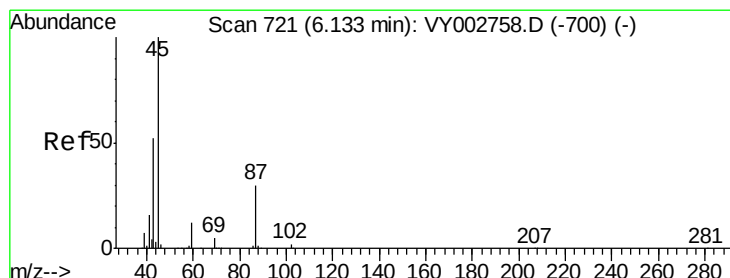
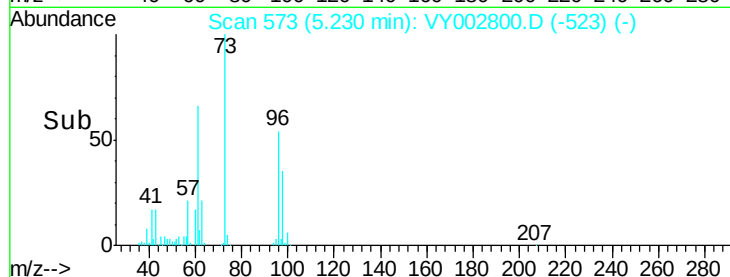
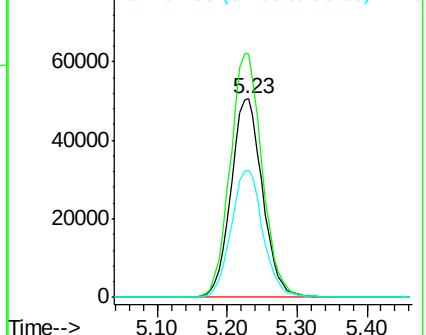


Abundance

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



#22

Diisopropyl ether

Concen: 52.75 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Tgt Ion: 45 Resp: 427044

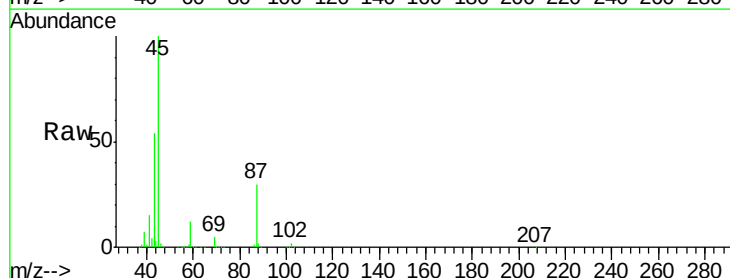
Ion Ratio Lower Upper

45 100

43 54.0 41.7 62.5

87 30.2 24.2 36.2

59 12.1 9.8 14.8



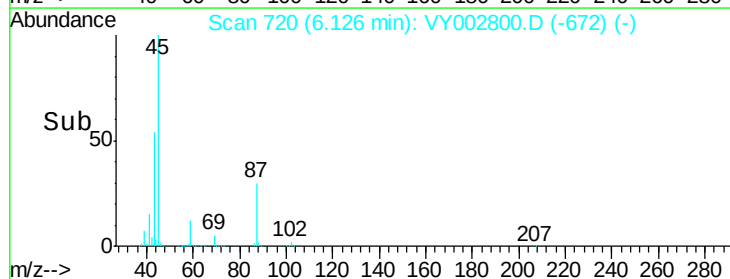
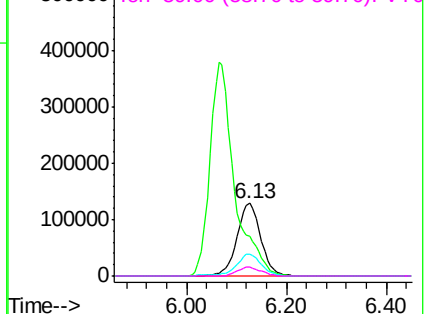
Abundance

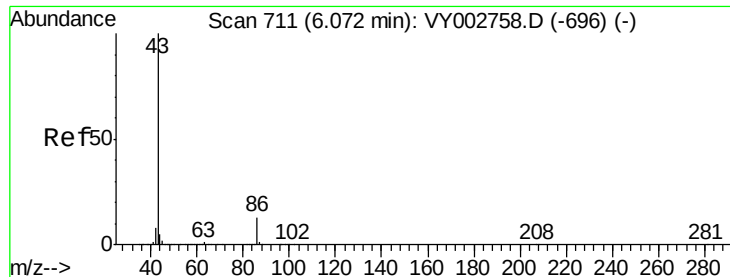
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

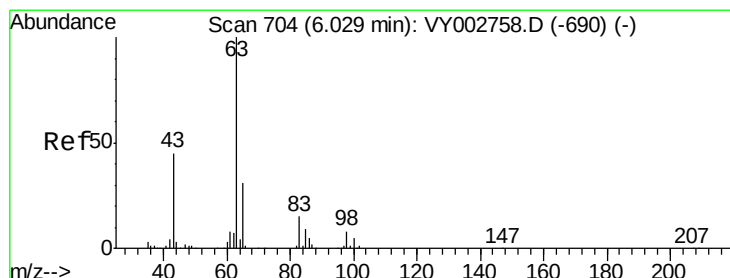
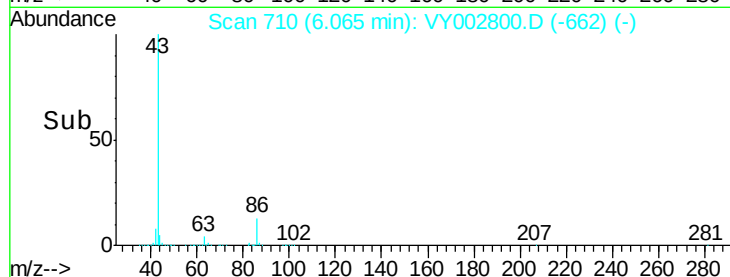
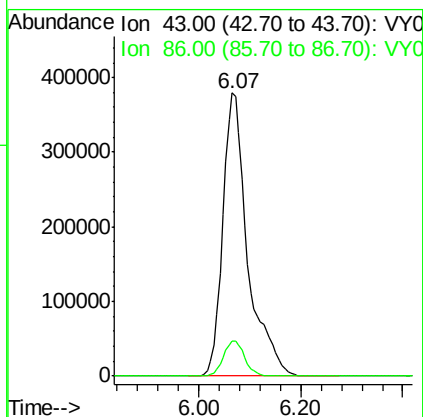
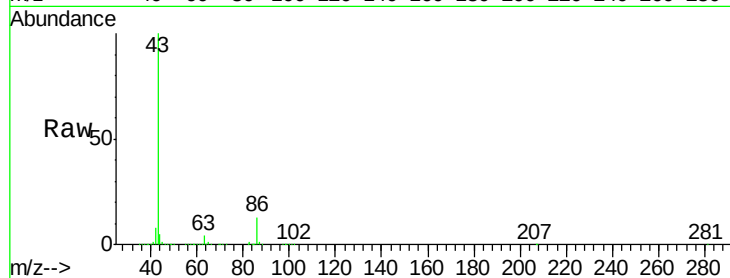




#23
 Vinyl Acetate
 Concen: 240.48 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

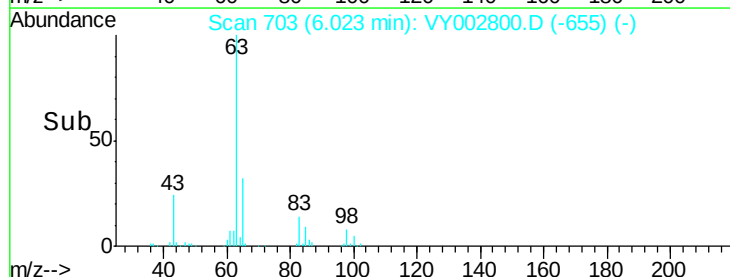
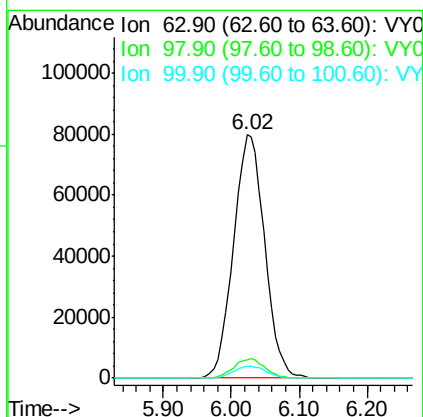
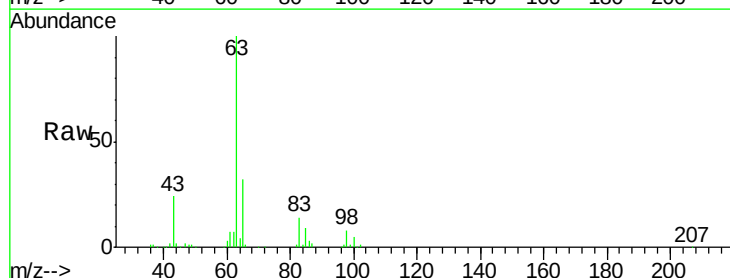
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

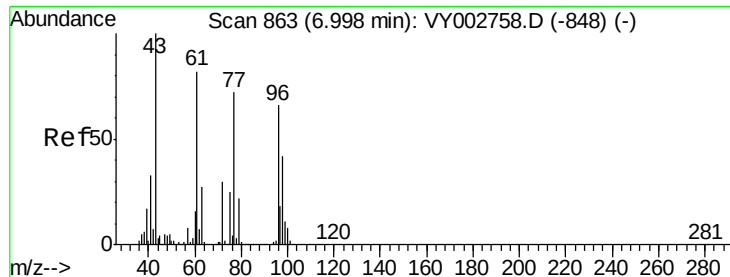
Tgt Ion: 43 Resp: 1285268
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 53.59 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion: 63 Resp: 253769
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 191.31 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

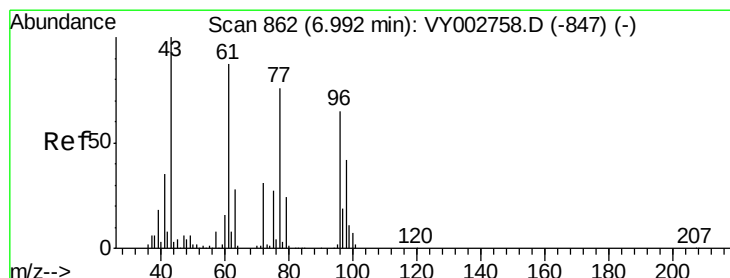
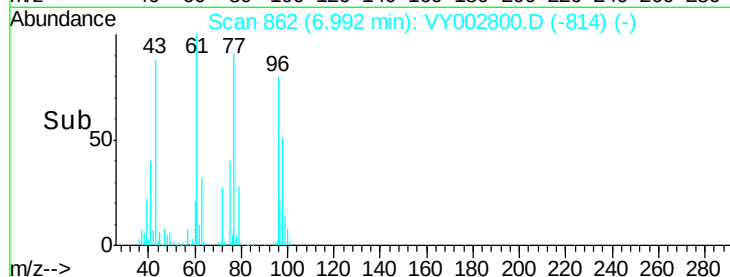
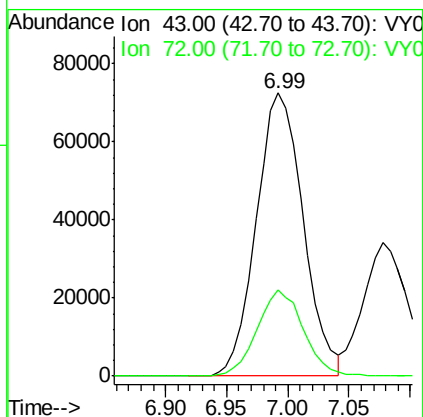
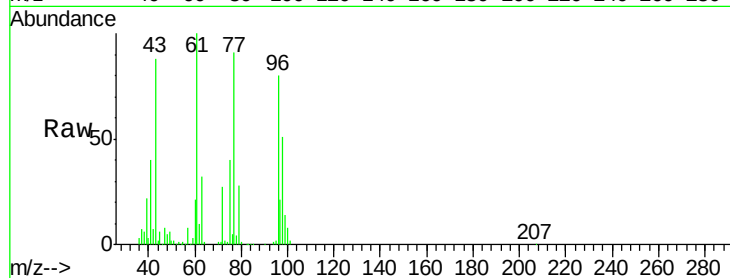
VSTDCCC050EC

Tgt Ion: 43 Resp: 193754

Ion Ratio Lower Upper

43 100

72 30.3 23.9 35.9



#26

2,2-Dichloropropane

Concen: 51.00 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002800.D

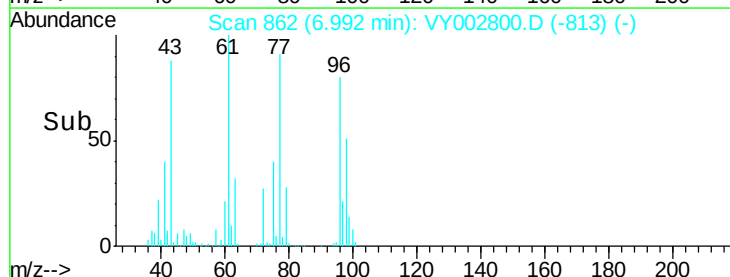
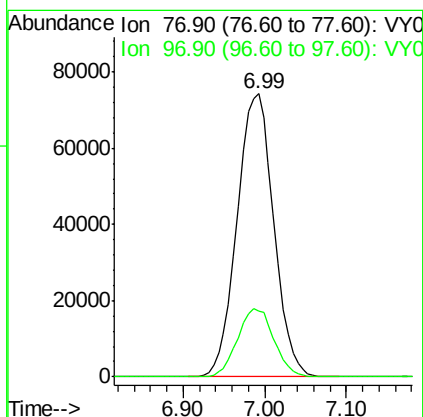
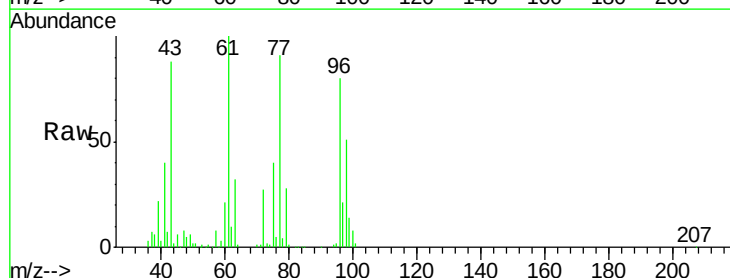
Acq: 29 May 2020 15:55

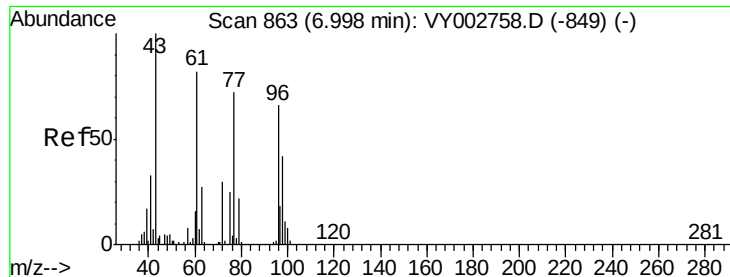
Tgt Ion: 77 Resp: 231633

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6



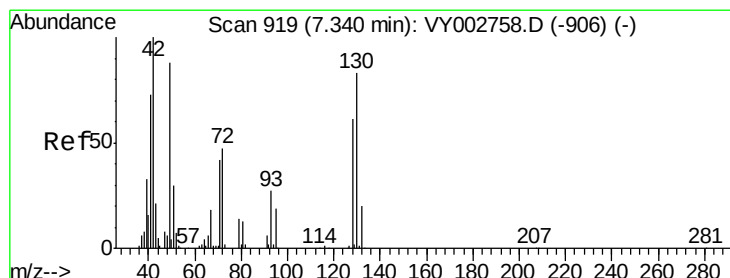
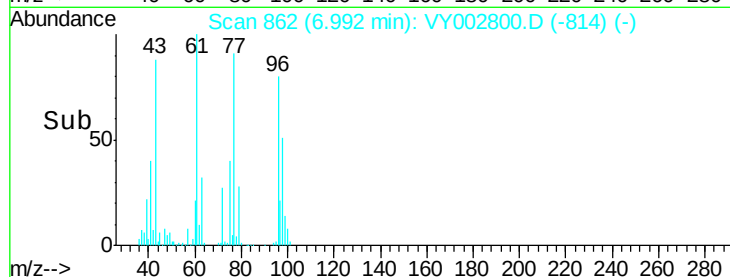
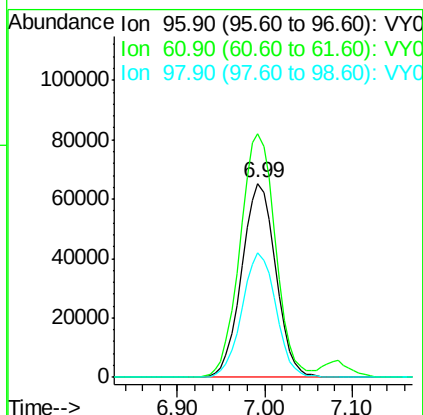
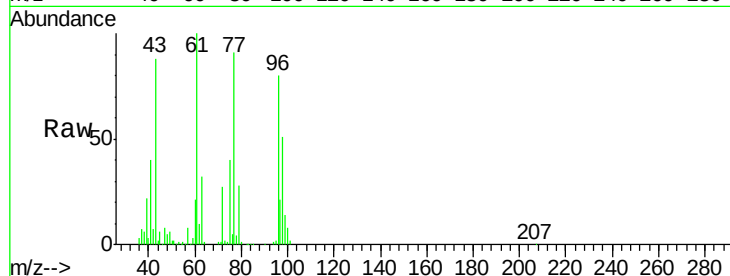


#27

cis-1,2-Dichloroethene
Concen: 51.76 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

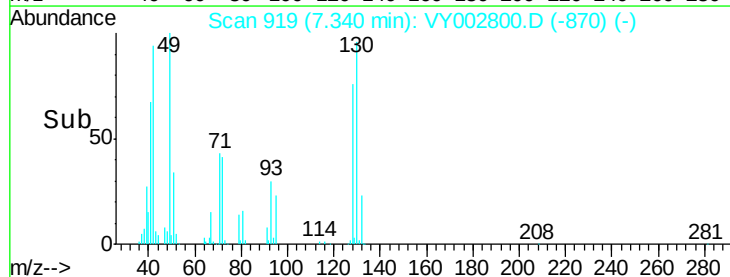
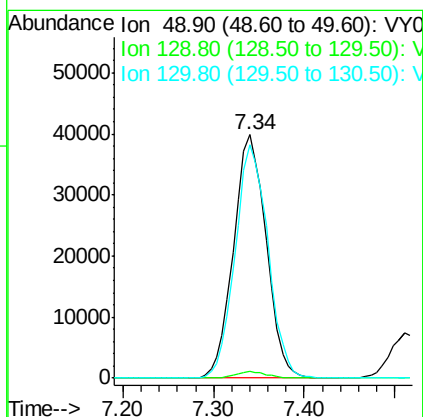
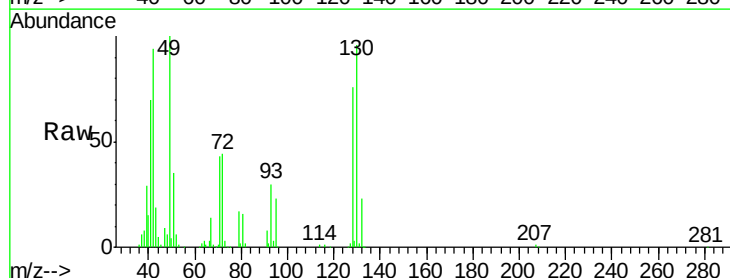
Tgt Ion: 96 Resp: 177004
Ion Ratio Lower Upper
96 100
61 130.4 0.0 260.2
98 64.2 0.0 128.2

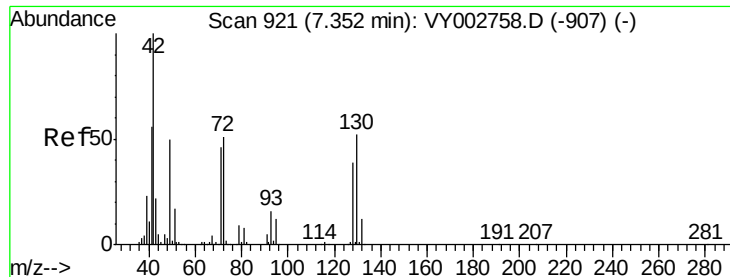


#28

Bromochloromethane
Concen: 51.31 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 49 Resp: 99748
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 96.0 77.1 115.7





#29

Tetrahydrofuran

Concen: 196.39 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

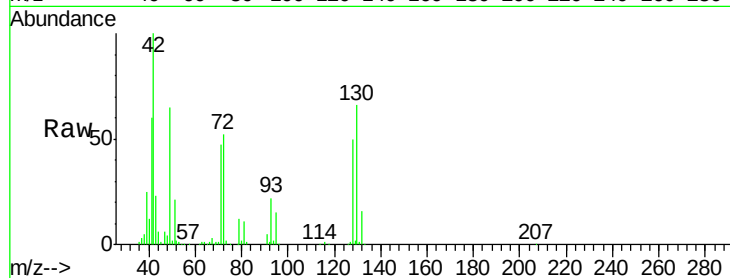
Tgt Ion: 42 Resp: 129370

Ion Ratio Lower Upper

42 100

72 48.3 38.6 58.0

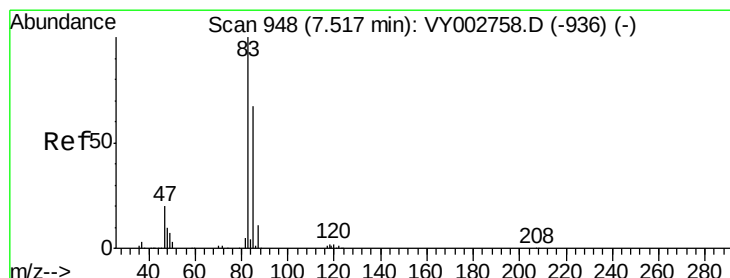
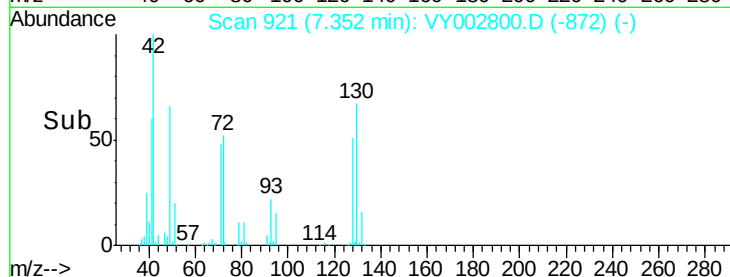
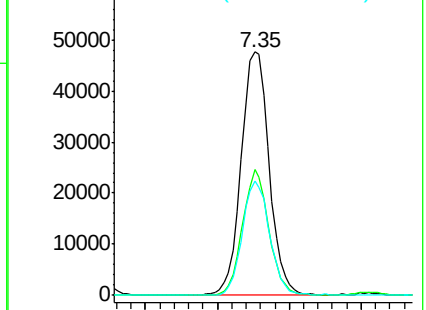
71 45.4 35.8 53.8



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: 53.37 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002800.D

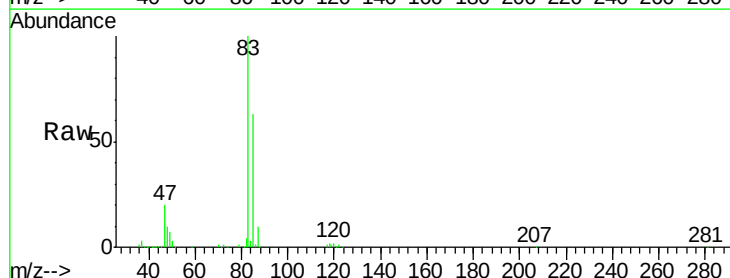
Acq: 29 May 2020 15:55

Tgt Ion: 83 Resp: 268161

Ion Ratio Lower Upper

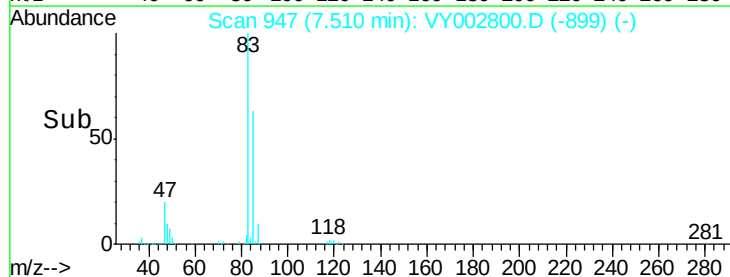
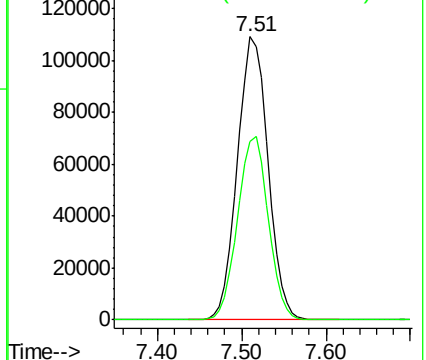
83 100

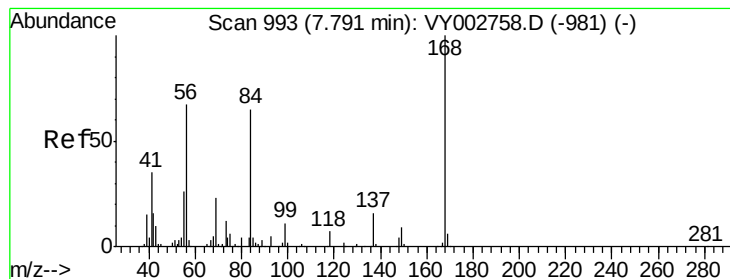
85 63.1 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 48.82 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

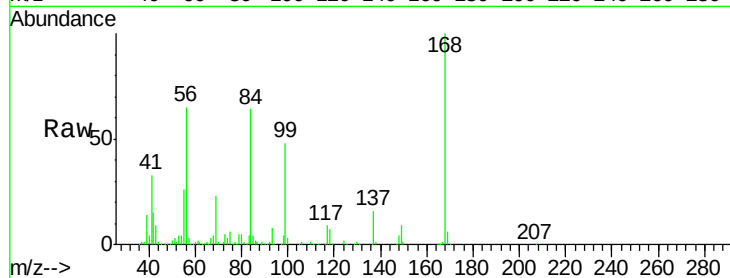
Tgt Ion: 56 Resp: 229543

Ion Ratio Lower Upper

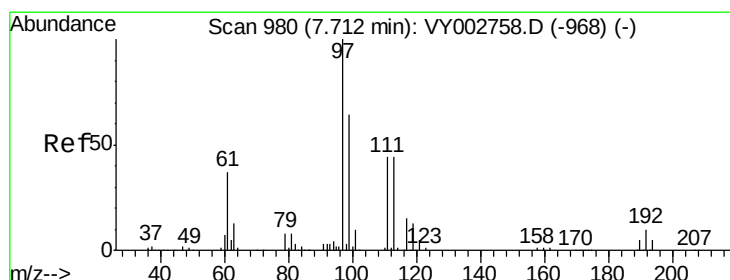
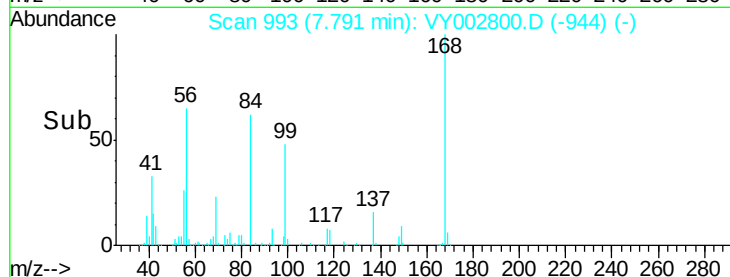
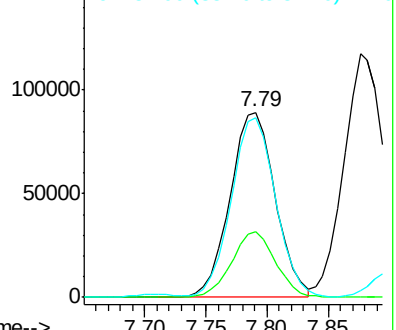
56 100

69 35.5 28.0 42.0

84 95.3 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 52.01 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

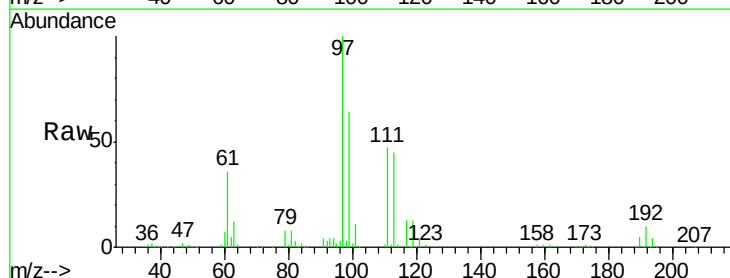
Tgt Ion: 97 Resp: 243555

Ion Ratio Lower Upper

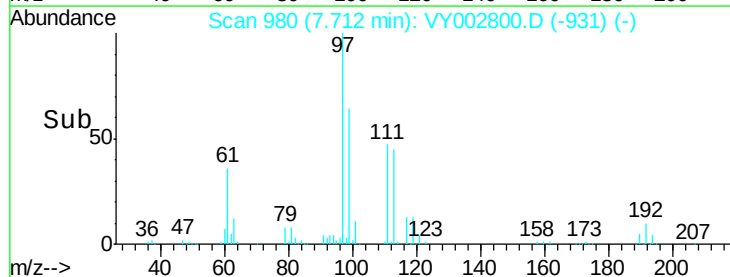
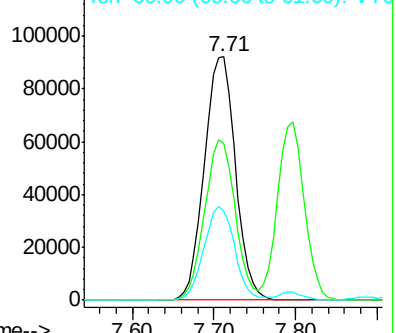
97 100

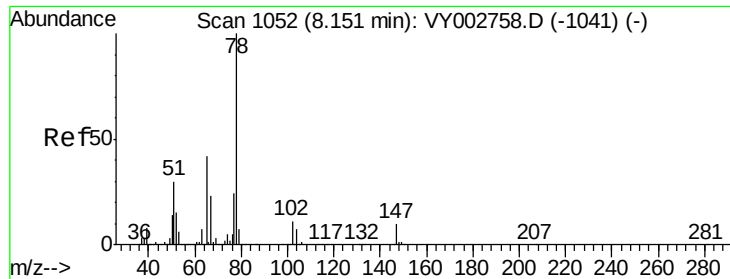
99 64.7 51.4 77.0

61 37.9 30.1 45.1



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

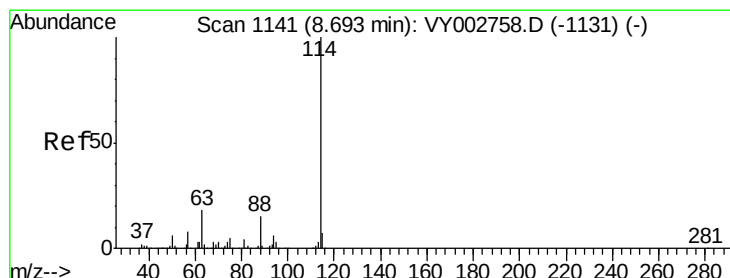
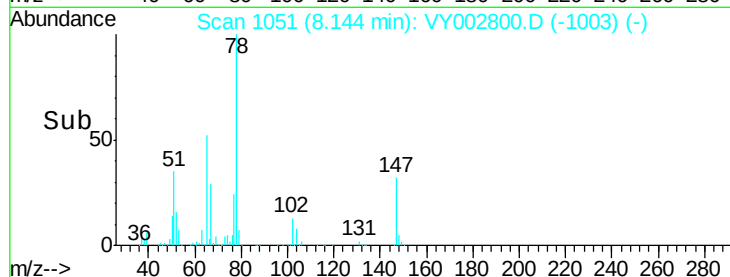
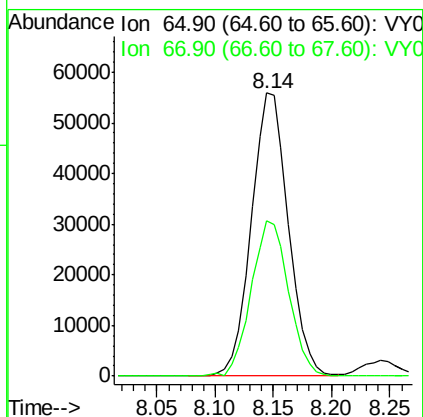
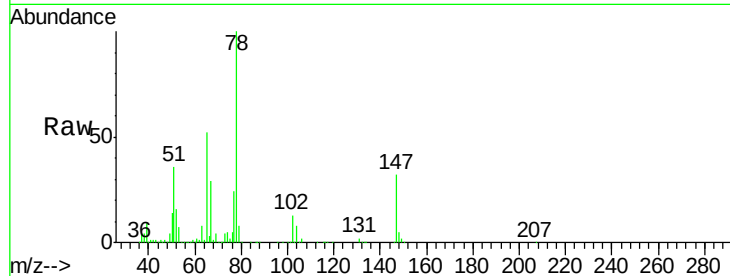




#33
 1,2-Dichloroethane-d4
 Concen: 44.33 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

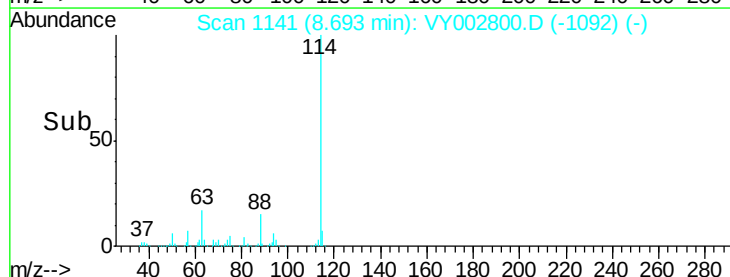
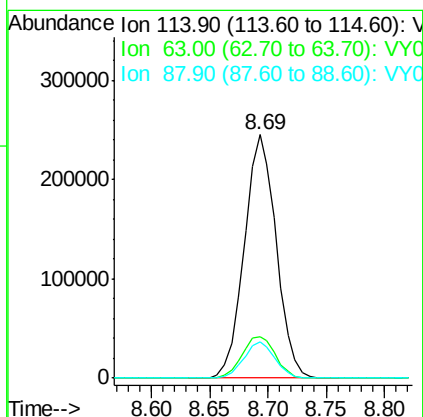
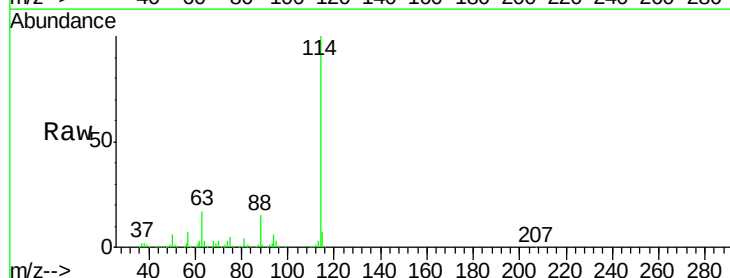
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

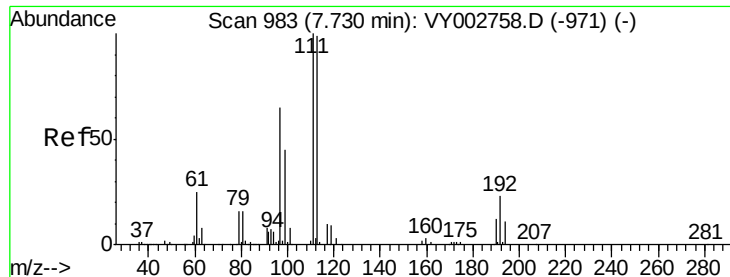
Tgt Ion: 65 Resp: 122879
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion: 114 Resp: 469560
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.2
 88 14.7 0.0 29.2

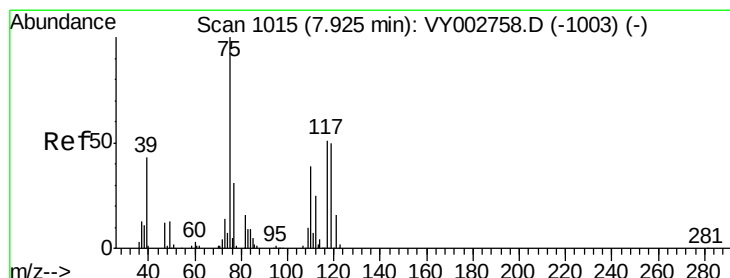
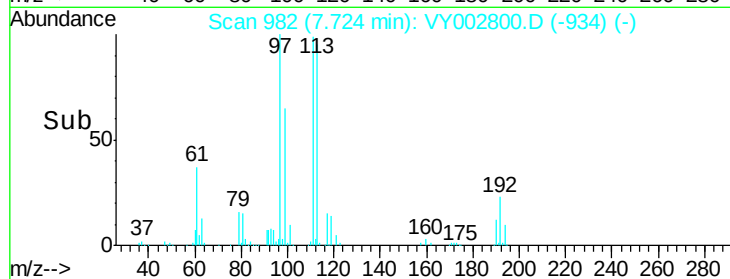
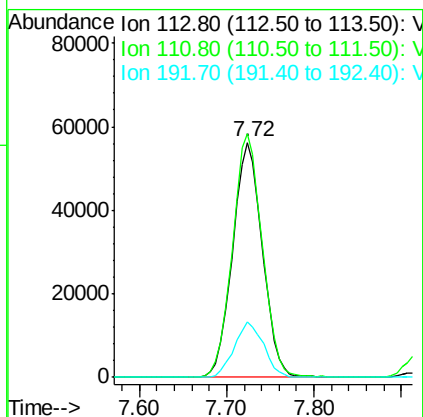
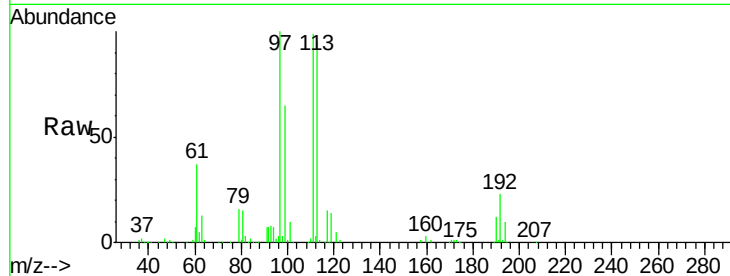




#35
Dibromofluoromethane
Concen: 48.27 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

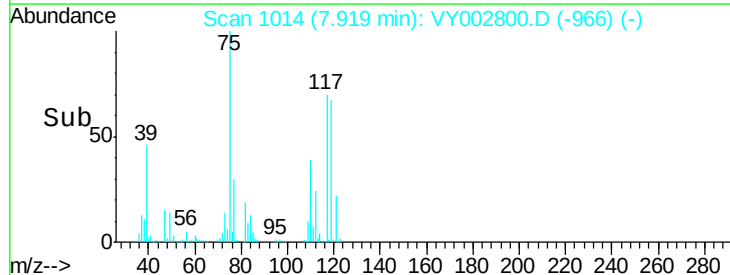
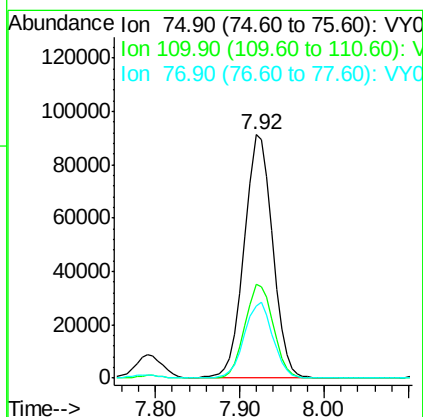
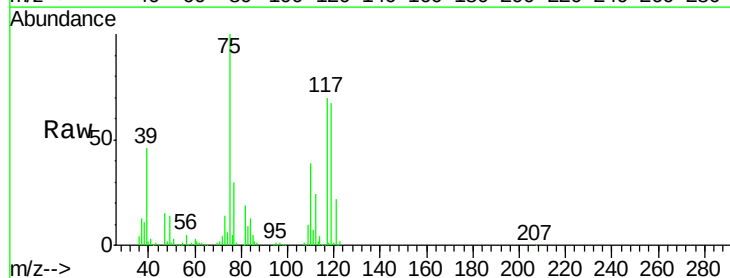
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

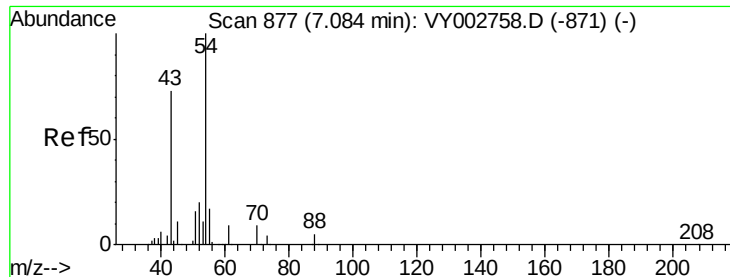
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	23.3	18.9	28.3



#36
1,1-Dichloropropene
Concen: 52.60 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.3	57.9
77	31.2	24.8	37.2

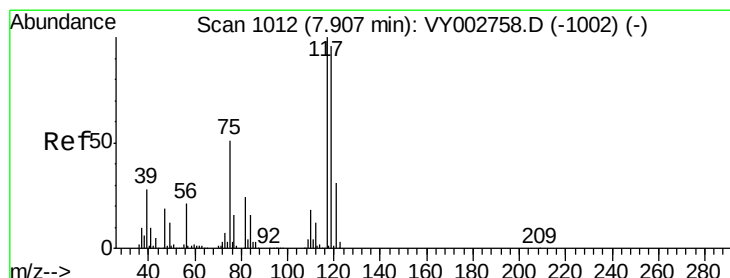
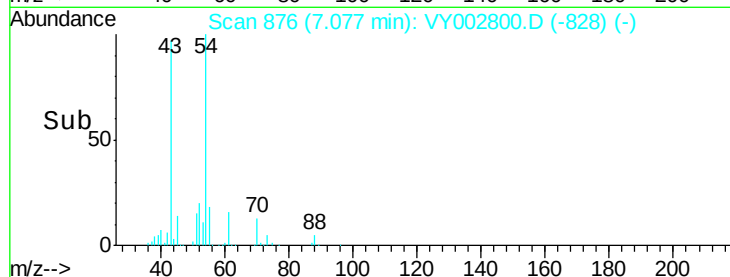
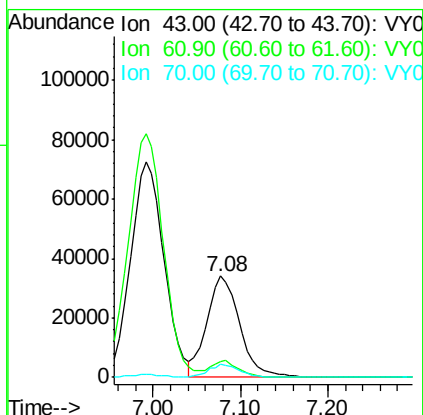
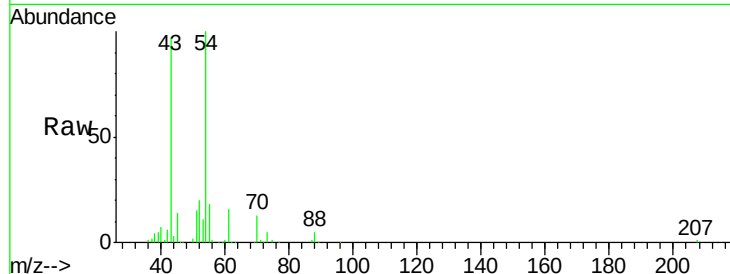




#37
Ethyl Acetate
Concen: 41.40 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

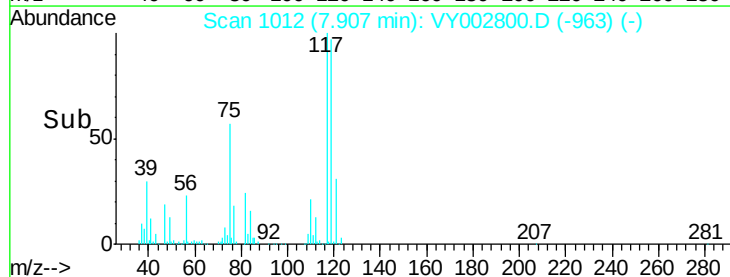
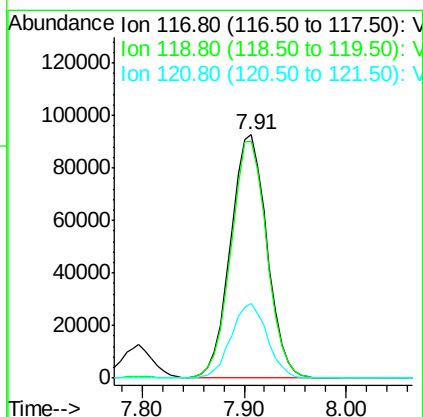
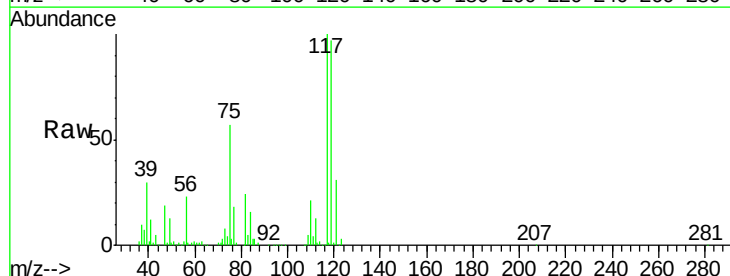
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

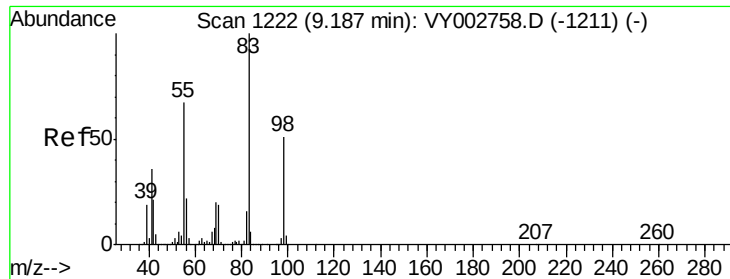
Tgt Ion: 43 Resp: 89093
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 52.03 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 117 Resp: 228621
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
121 30.8 24.8 37.2

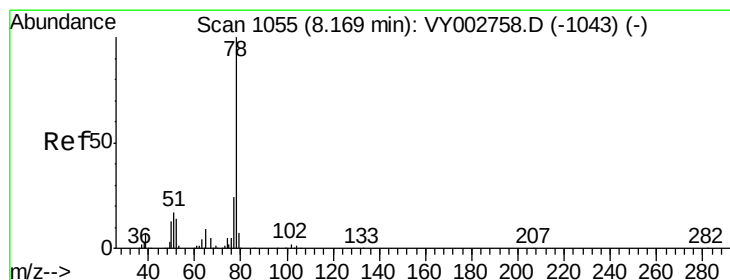
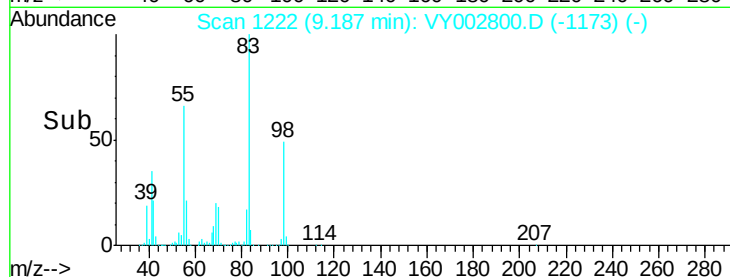
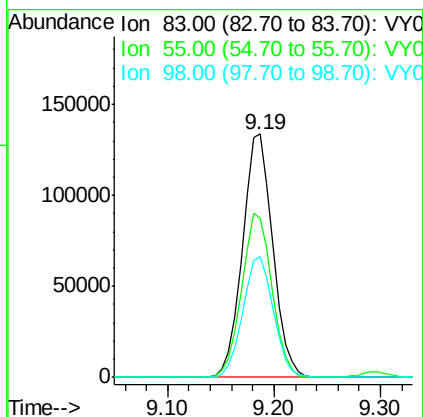
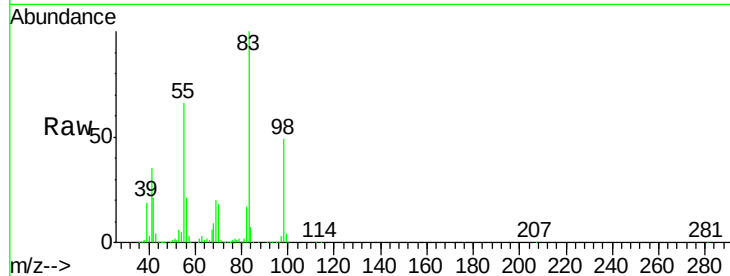




#39
Methylcyclohexane
Concen: 51.18 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

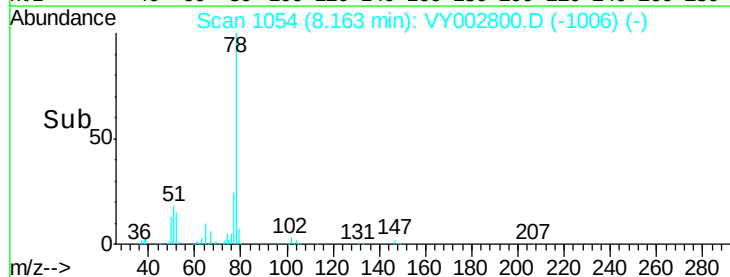
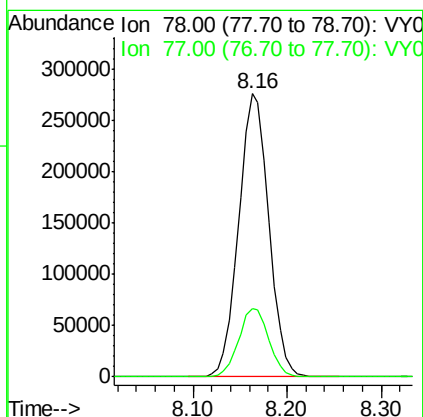
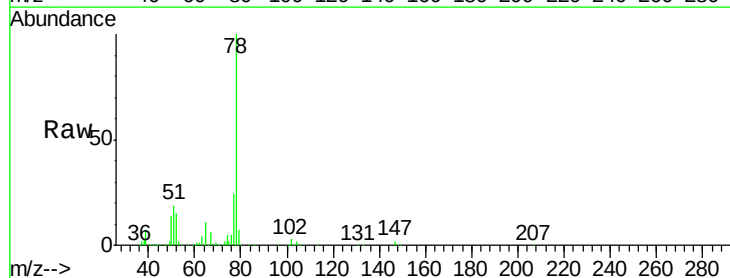
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

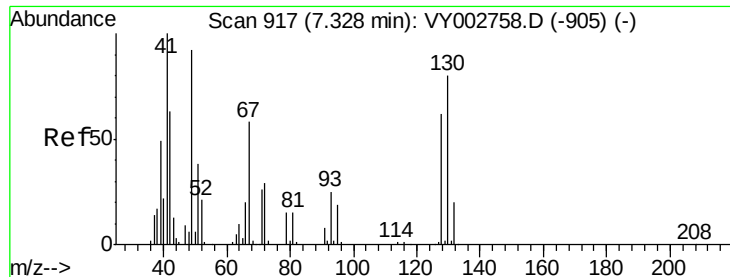
Tgt Ion: 83 Resp: 266821
Ion Ratio Lower Upper
83 100
55 65.5 53.3 79.9
98 49.5 41.1 61.7



#40
Benzene
Concen: 52.68 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 78 Resp: 615732
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

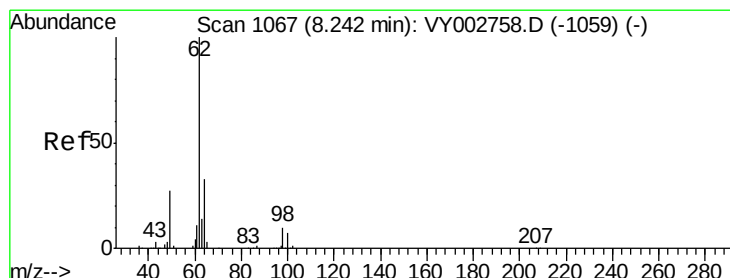
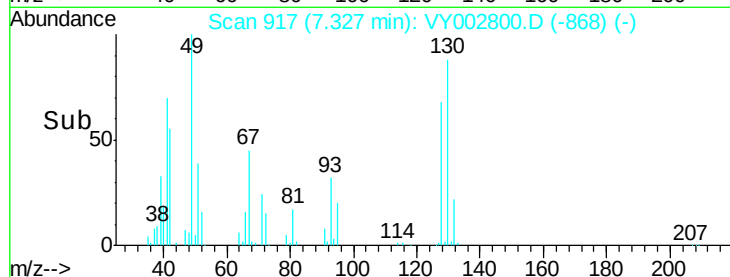
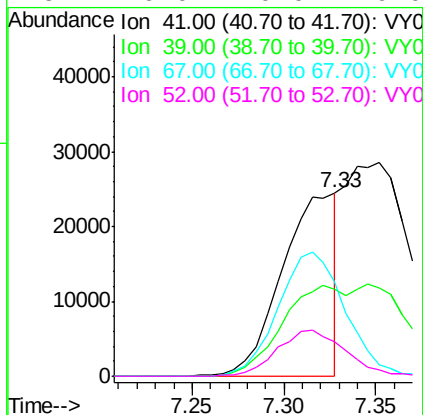
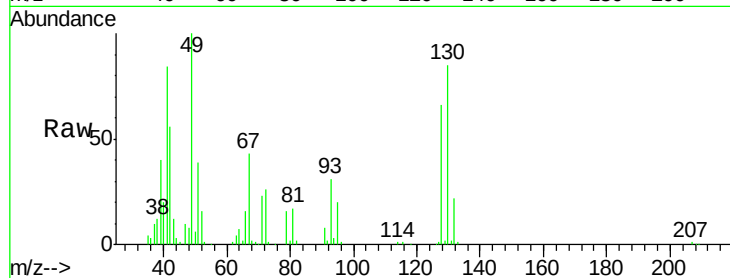




#41
Methacrylonitrile
Concen: 43.94 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

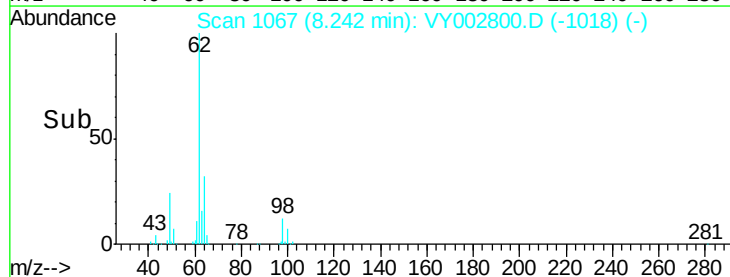
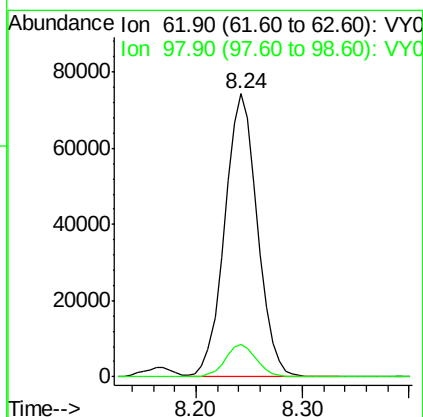
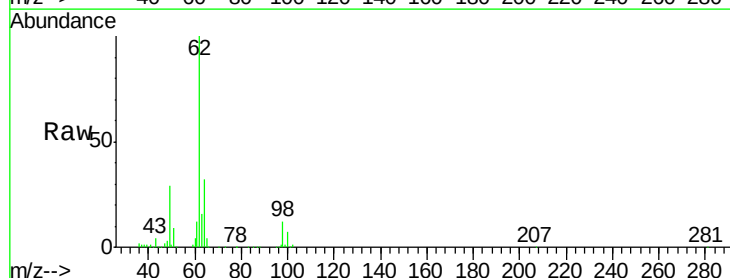
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

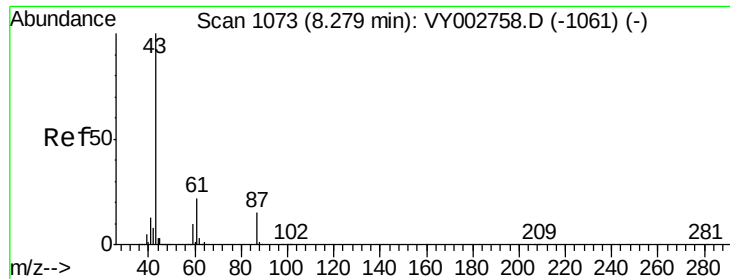
Tgt Ion:	41	Resp:	50805
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.63 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion:	62	Resp:	159284
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.6



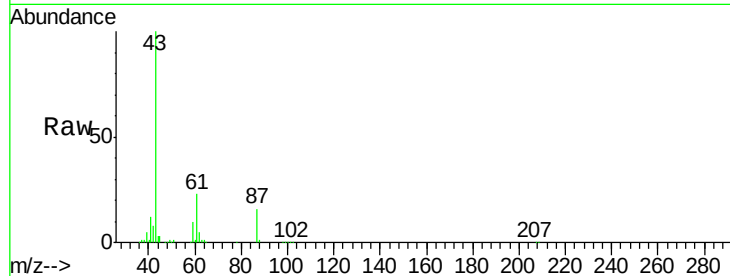


#43

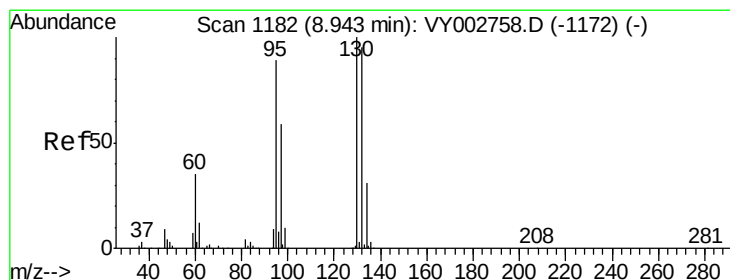
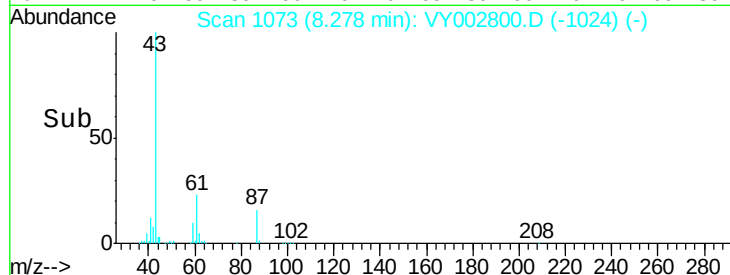
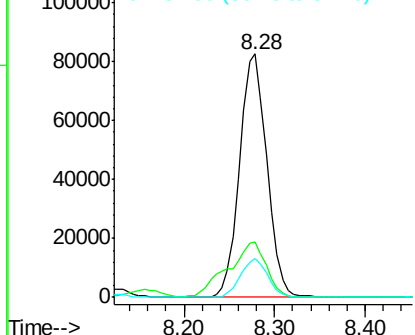
Isopropyl Acetate
 Concen: 42.33 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 172611
 Ion Ratio Lower Upper
 43 100
 61 32.1 24.8 37.2
 87 15.8 12.4 18.6



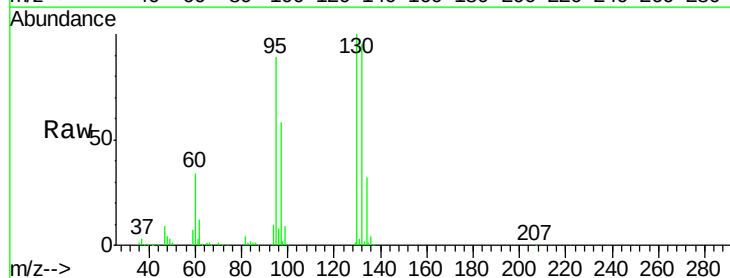
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



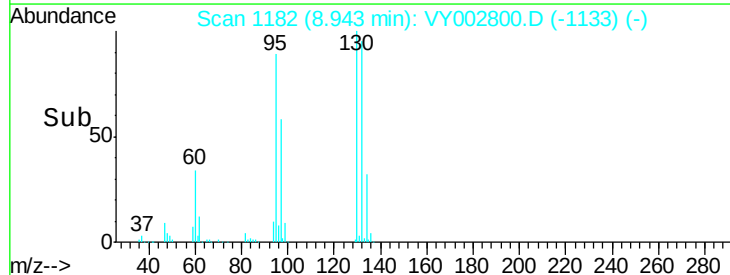
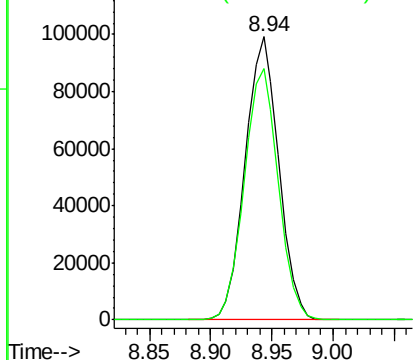
#44

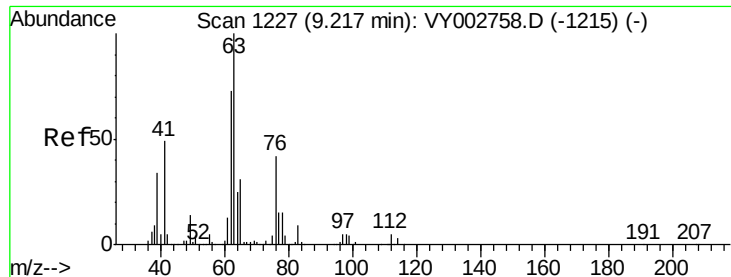
Trichloroethene
 Concen: 51.45 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion: 130 Resp: 189955
 Ion Ratio Lower Upper
 130 100
 95 88.8 0.0 178.8



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

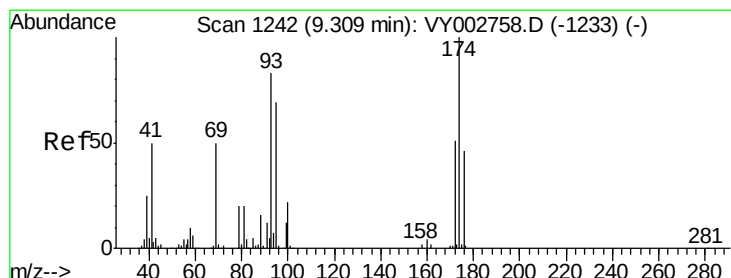
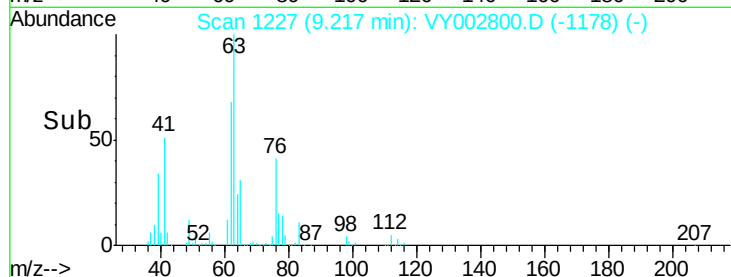
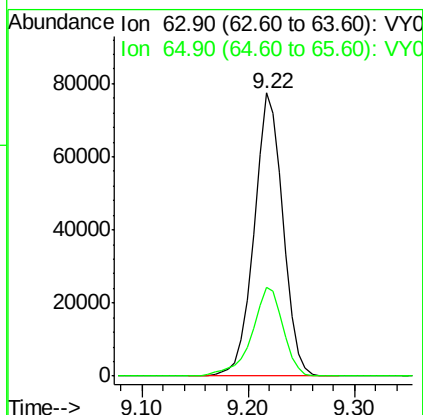
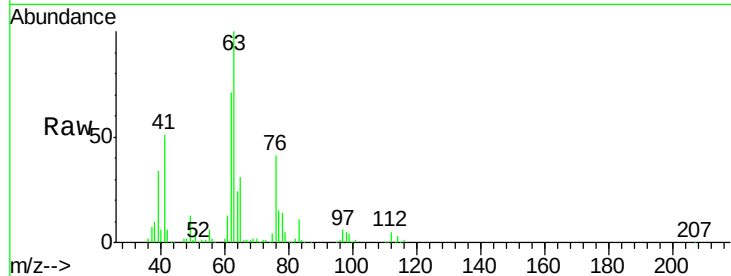




#45
 1,2-Dichloropropane
 Concen: 52.46 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

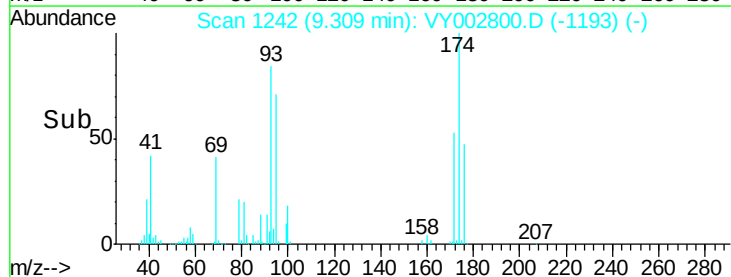
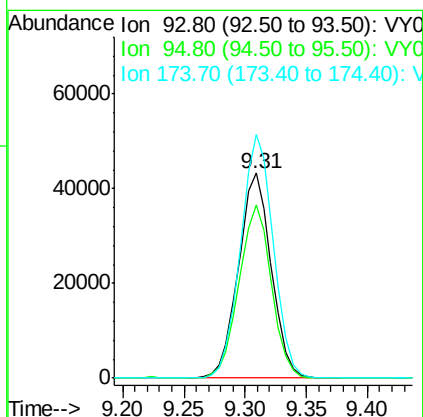
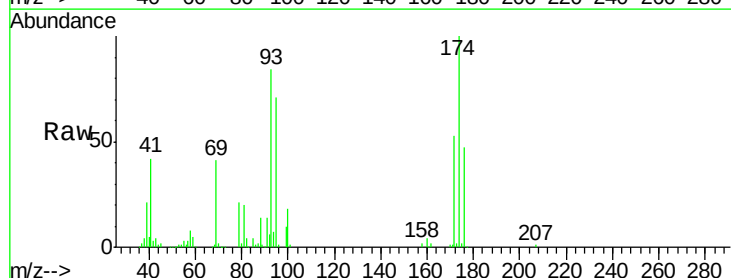
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

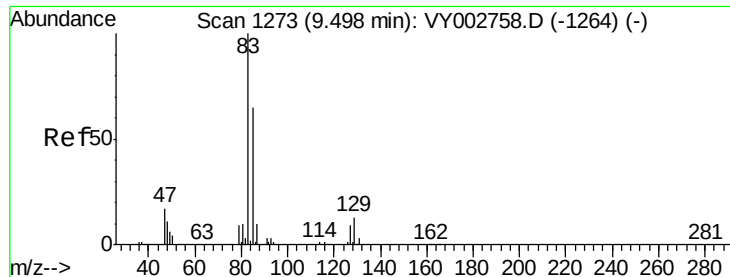
Tgt Ion: 63 Resp: 147038
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2



#46
 Dibromomethane
 Concen: 48.33 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion: 93 Resp: 80440
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.9 100.3
 174 118.4 97.7 146.5





#47

Bromodichloromethane

Concen: 52.32 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

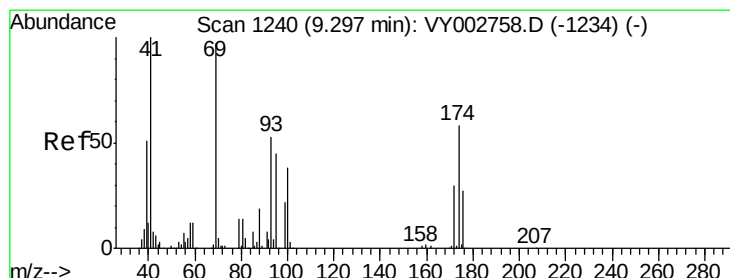
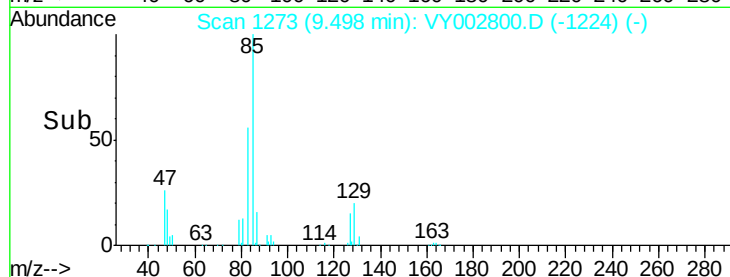
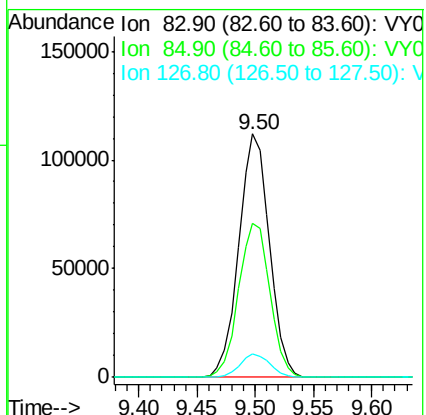
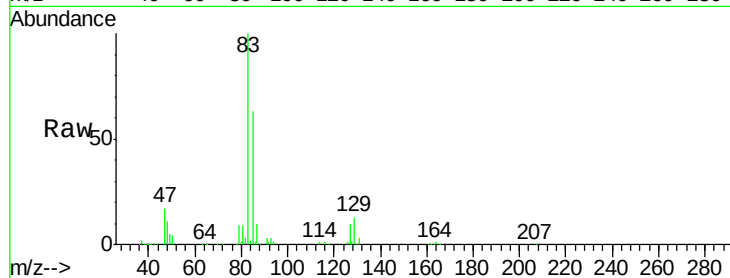
Tgt Ion: 83 Resp: 205303

Ion Ratio Lower Upper

83 100

85 63.4 51.9 77.9

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 43.04 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

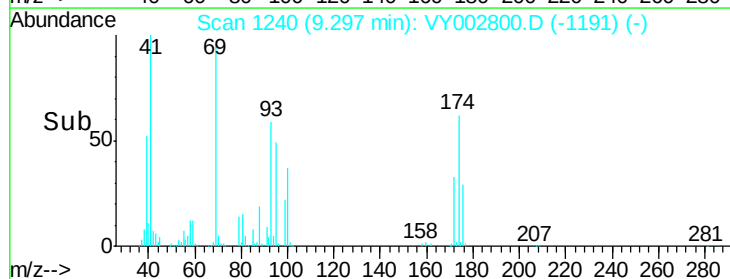
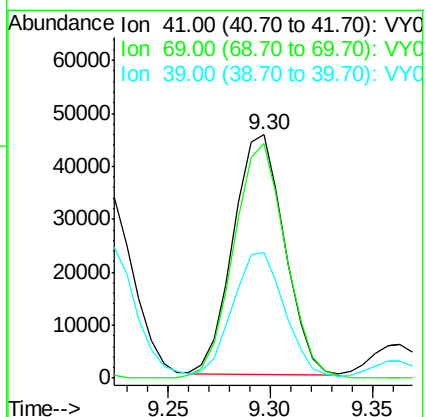
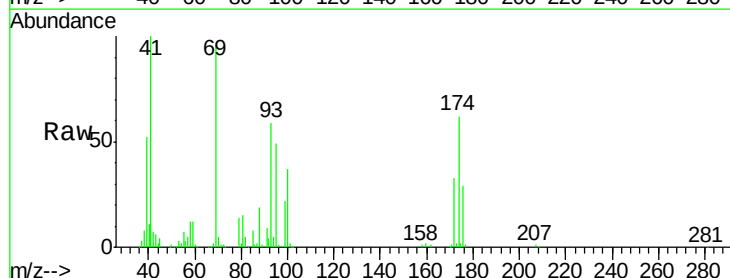
Tgt Ion: 41 Resp: 79230

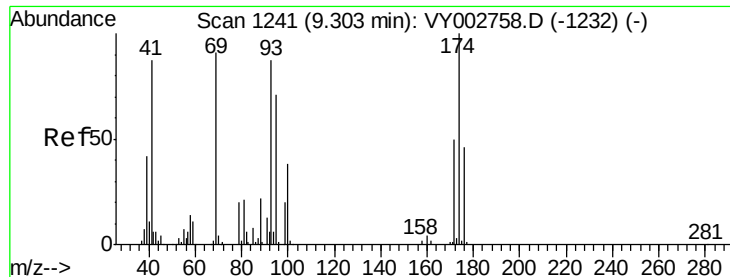
Ion Ratio Lower Upper

41 100

69 99.0 79.7 119.5

39 54.1 43.3 64.9

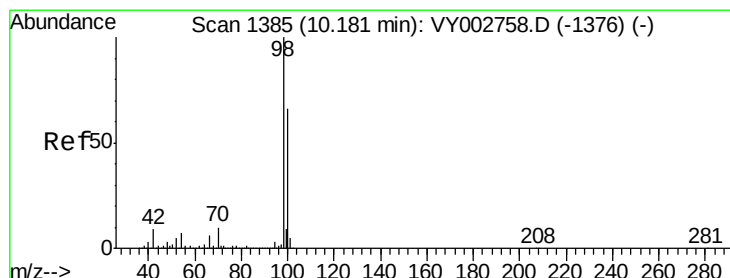
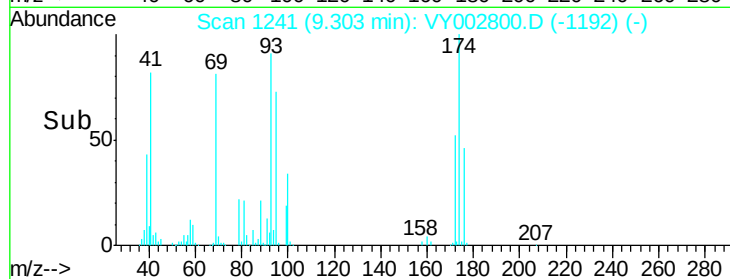
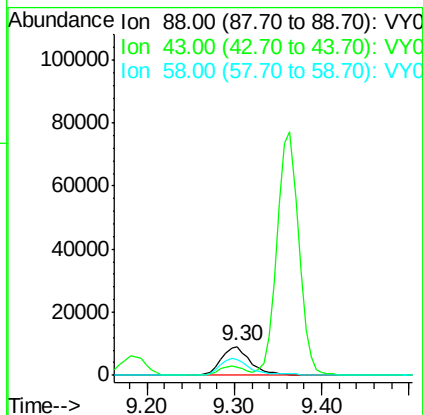
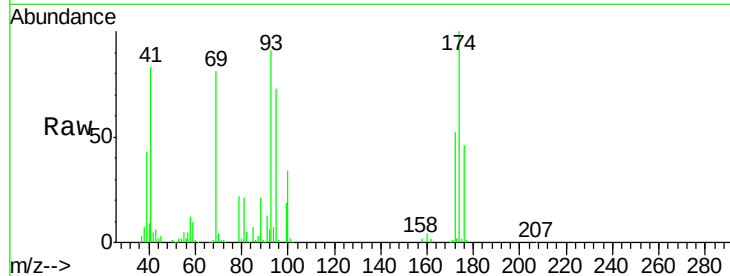




#49
 1,4-Dioxane
 Concen: 828.53 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

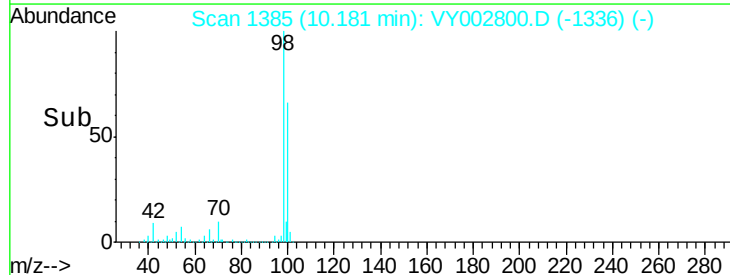
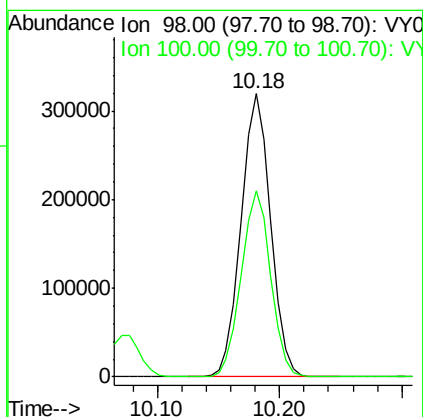
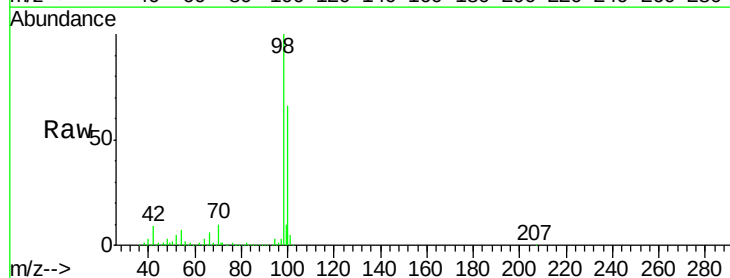
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

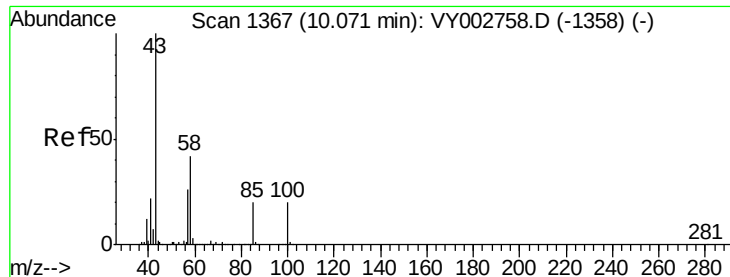
Tgt Ion: 88 Resp: 21176
 Ion Ratio Lower Upper
 88 100
 43 27.9 21.3 31.9
 58 61.7 52.2 78.2



#50
 Toluene-d8
 Concen: 47.88 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion: 98 Resp: 532681
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 202.73 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

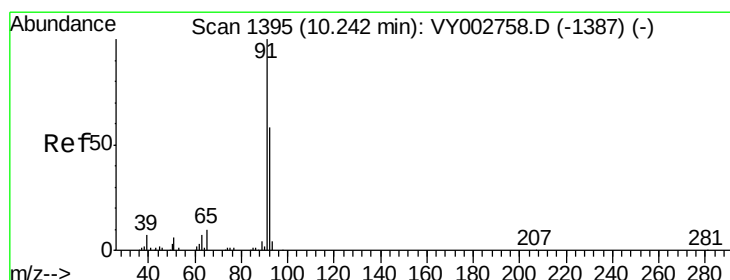
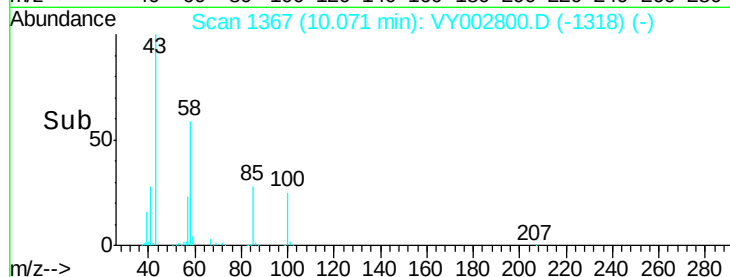
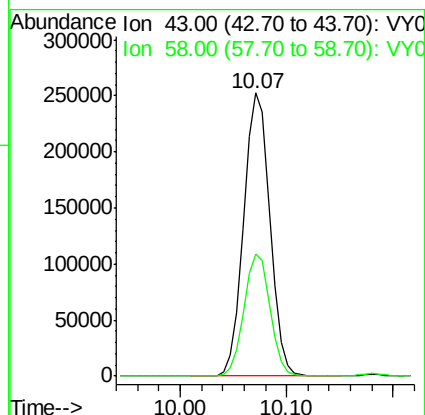
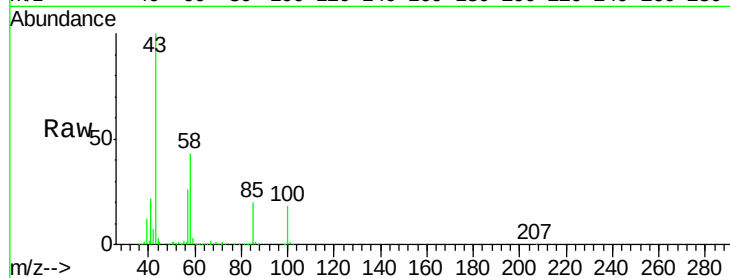
VSTDCCC050EC

Tgt Ion: 43 Resp: 437790

Ion Ratio Lower Upper

43 100

58 42.9 34.2 51.2



#52

Toluene

Concen: 52.25 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002800.D

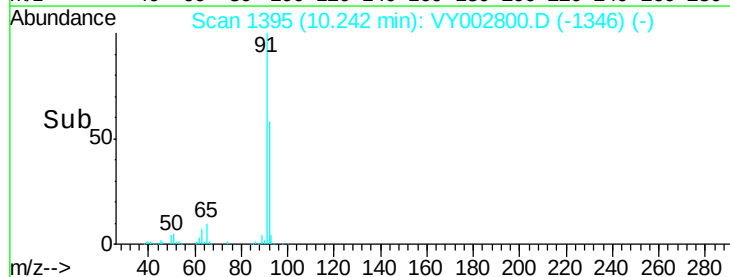
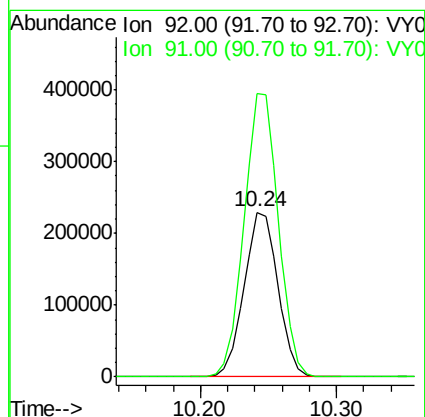
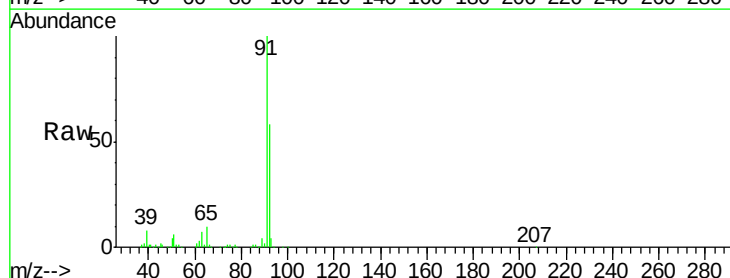
Acq: 29 May 2020 15:55

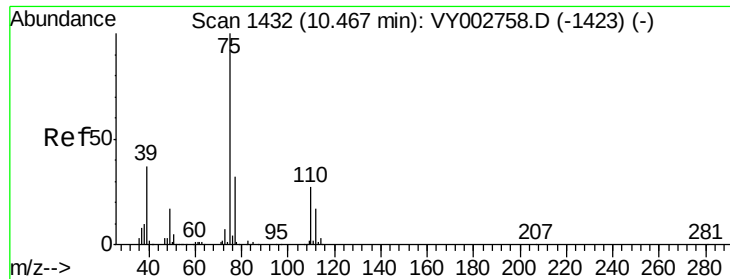
Tgt Ion: 92 Resp: 399507

Ion Ratio Lower Upper

92 100

91 174.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.98 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

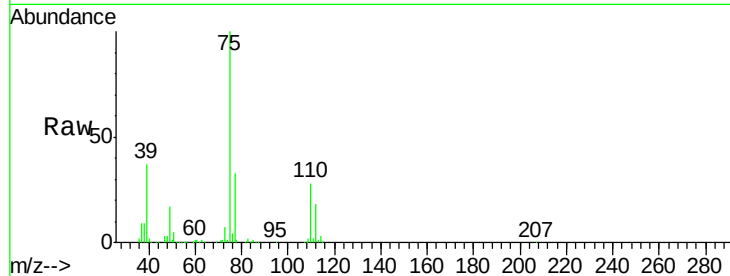
VSTDCCC050EC

Tgt Ion: 75 Resp: 214214

Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

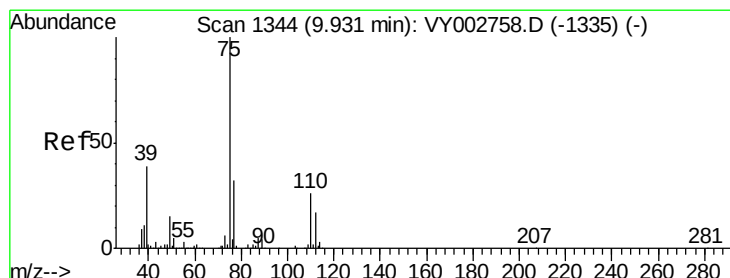
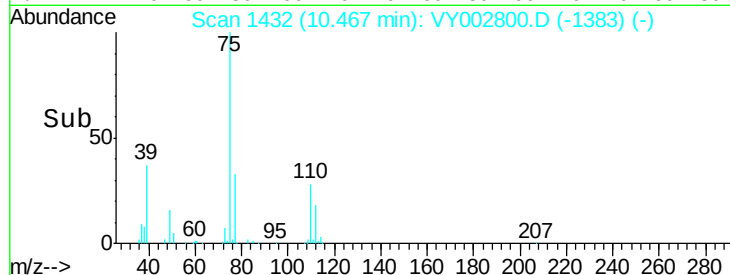
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.34 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

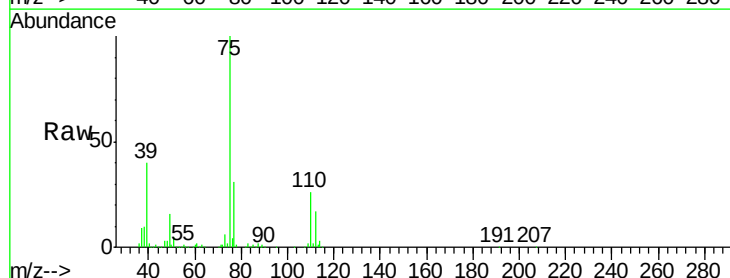
Tgt Ion: 75 Resp: 249331

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 39.7 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

200000

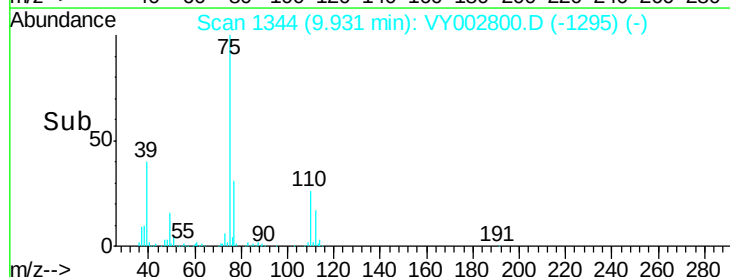
150000

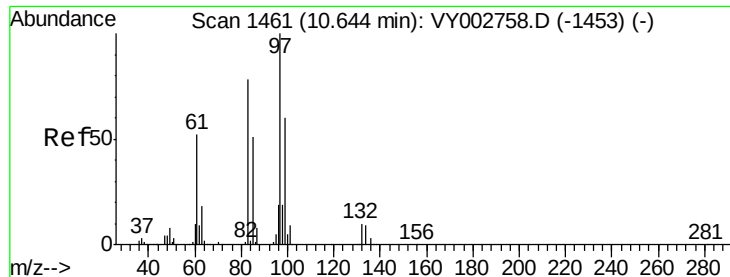
100000

50000

0

Time-->

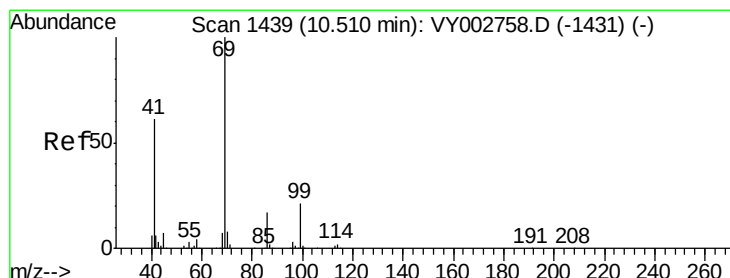
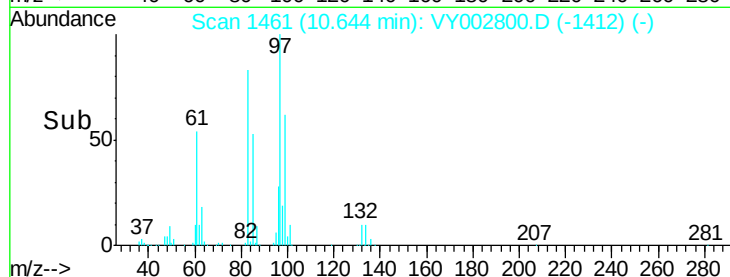
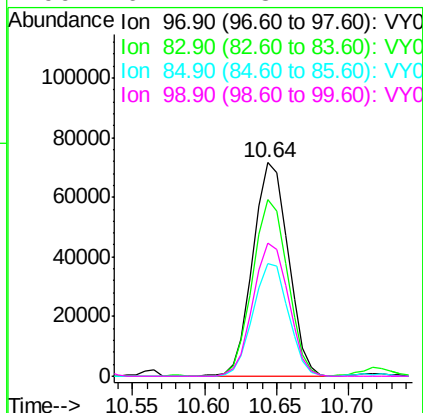
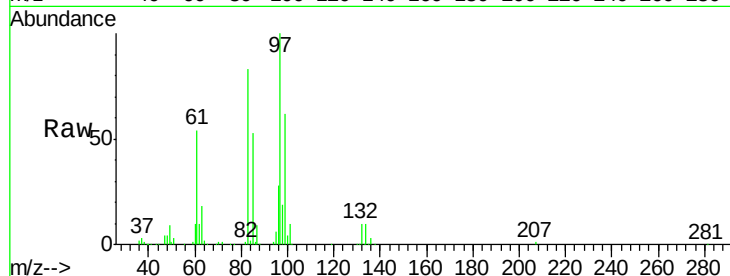




#55
 1,1,2-Trichloroethane
 Concen: 47.86 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

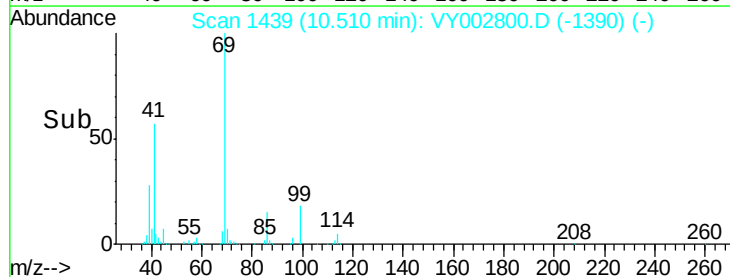
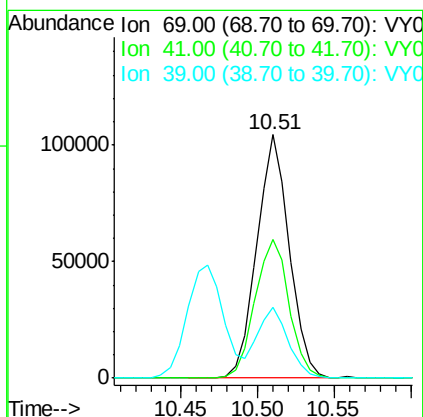
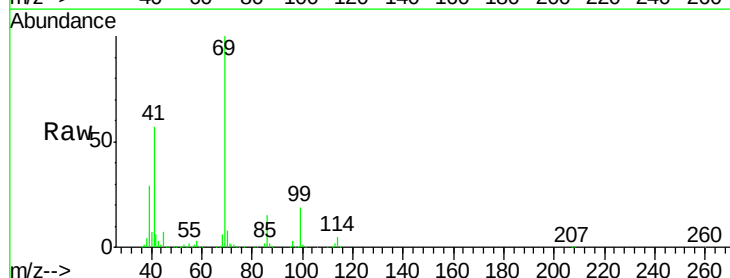
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

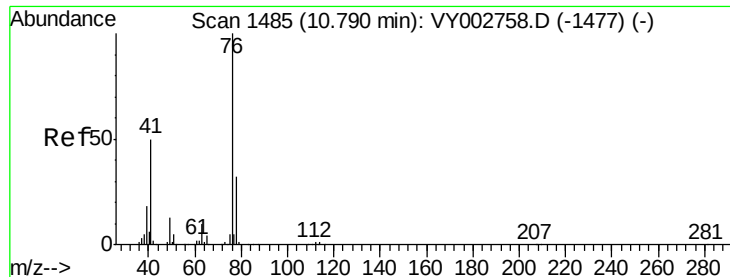
Tgt Ion:	97	Resp:	121960
Ion	Ratio	Lower	Upper
97	100		
83	82.4	62.7	94.1
85	52.8	40.6	60.8
99	62.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 45.17 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion:	69	Resp:	154174
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.0	70.4
39	27.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 48.42 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

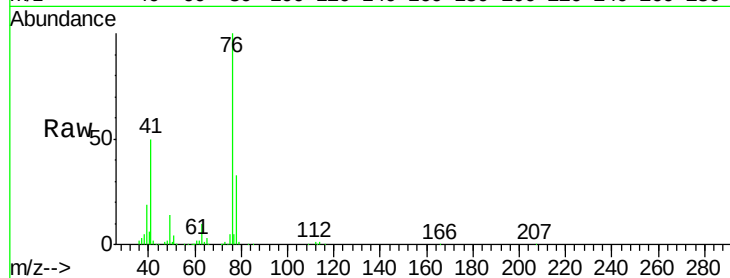
VSTDCCC050EC

Tgt Ion: 76 Resp: 202941

Ion Ratio Lower Upper

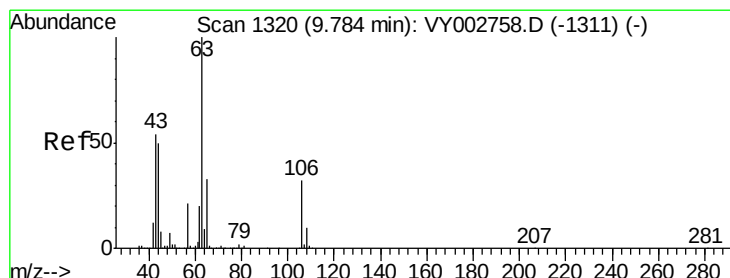
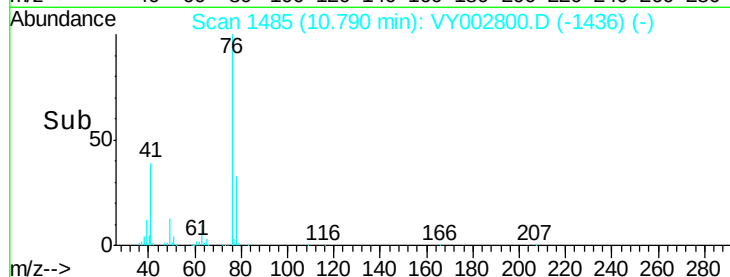
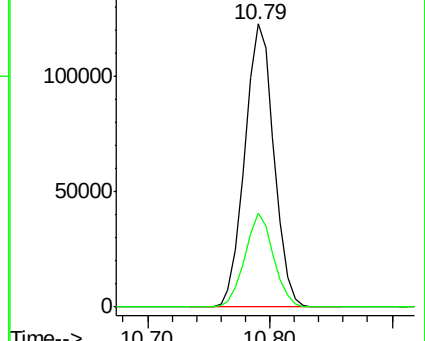
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 216.00 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002800.D

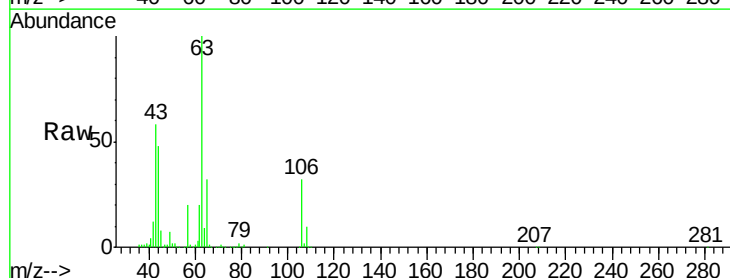
Acq: 29 May 2020 15:55

Tgt Ion: 63 Resp: 360254

Ion Ratio Lower Upper

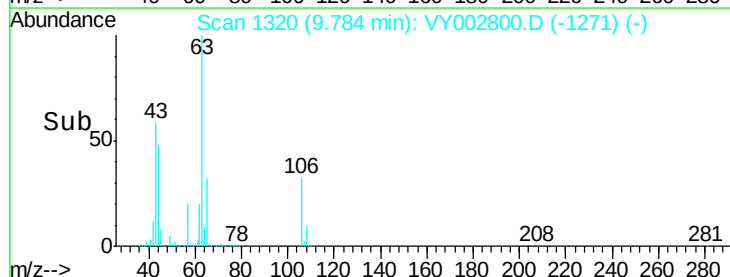
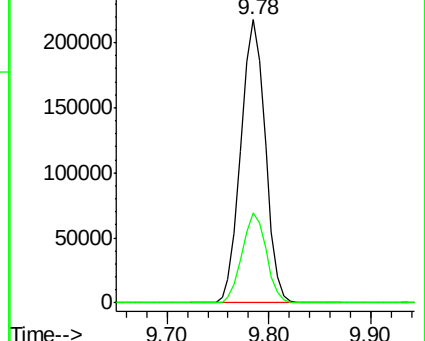
63 100

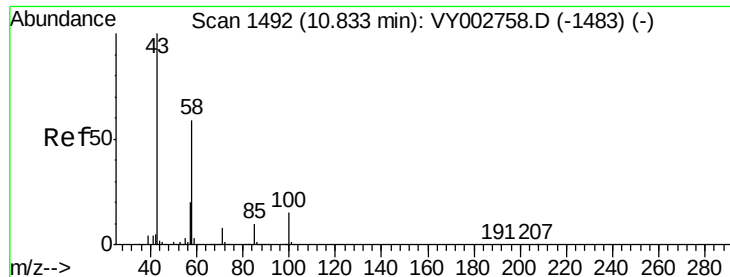
106 31.3 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

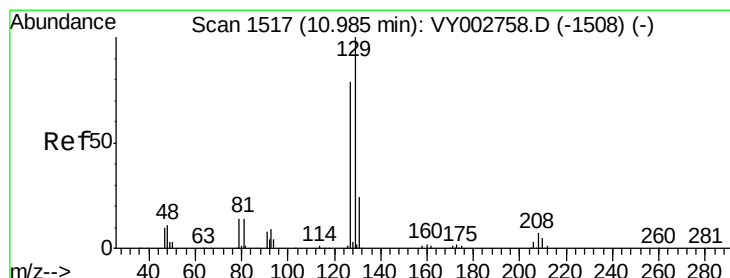
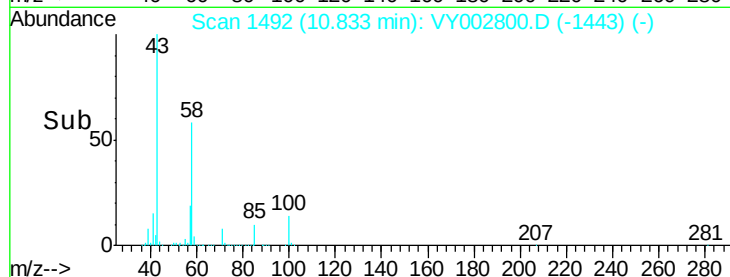
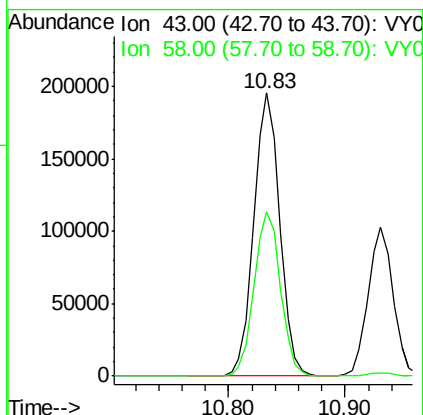
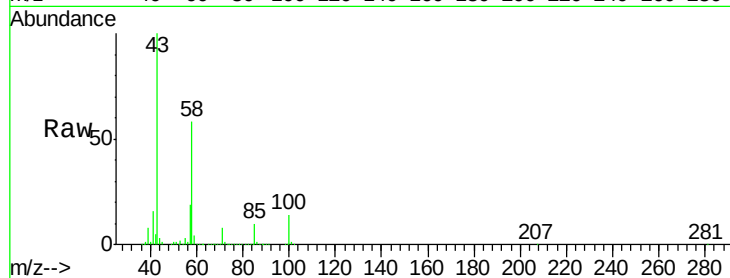




#59
2-Hexanone
Concen: 198.58 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

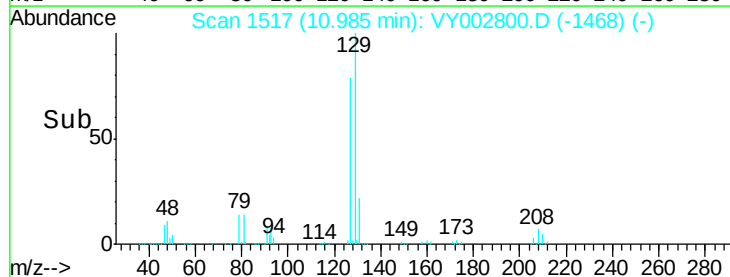
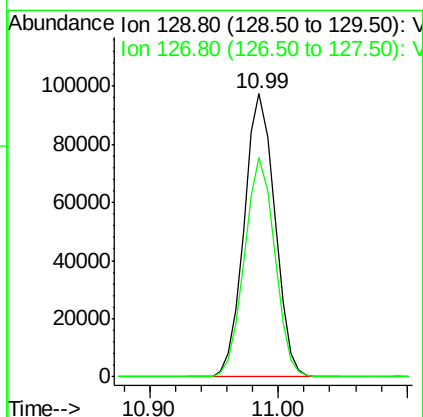
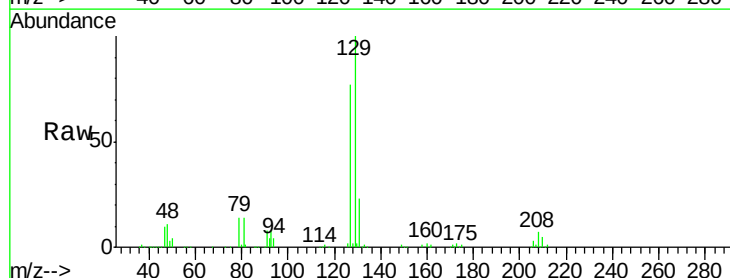
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

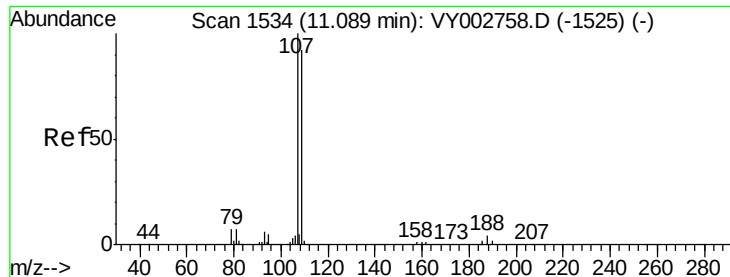
Tgt Ion: 43 Resp: 304265
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#60
Dibromochloromethane
Concen: 49.62 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 129 Resp: 160310
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 46.91 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

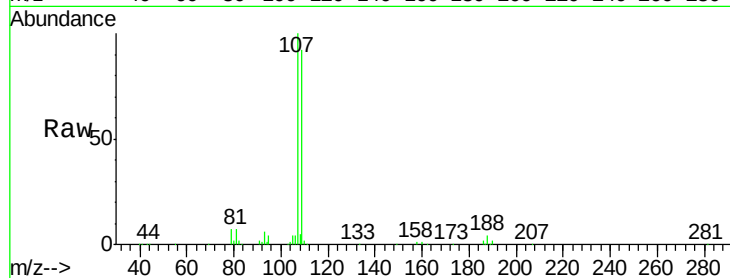
VSTDCCC050EC

Tgt Ion: 107 Resp: 117931

Ion Ratio Lower Upper

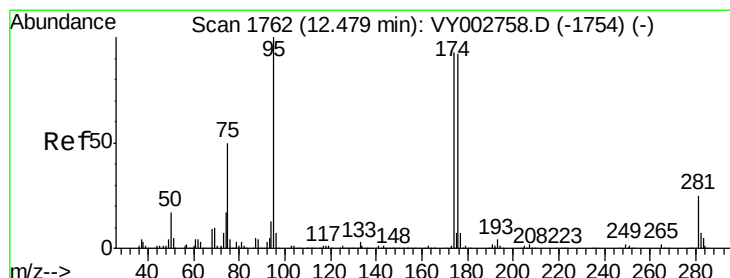
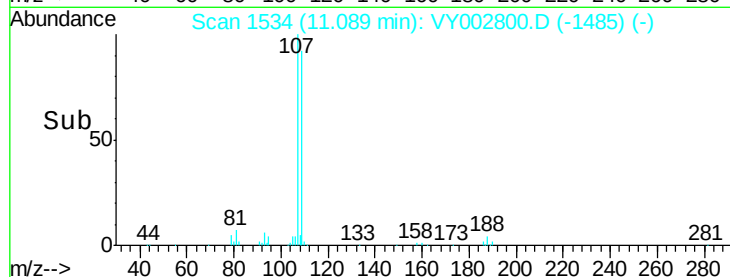
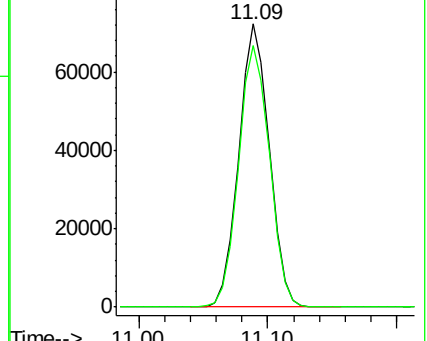
107 100

109 94.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.96 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

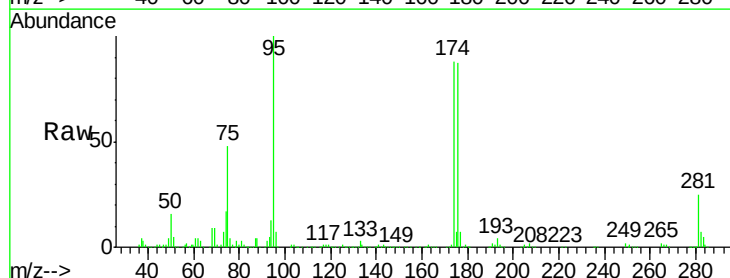
Tgt Ion: 95 Resp: 182360

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.2

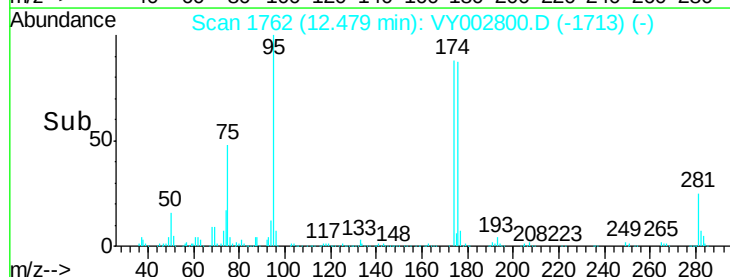
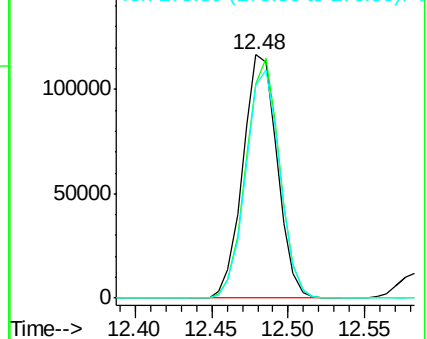
176 92.9 0.0 188.8

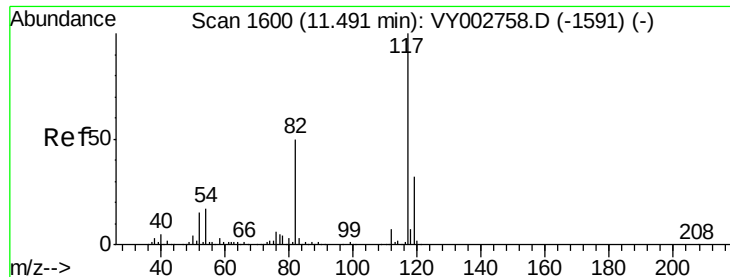


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

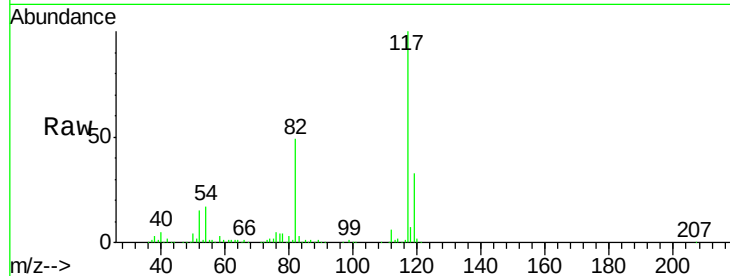




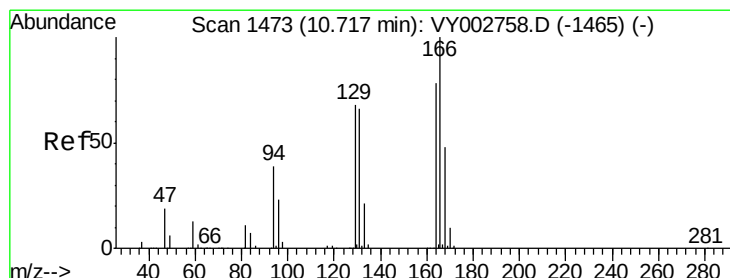
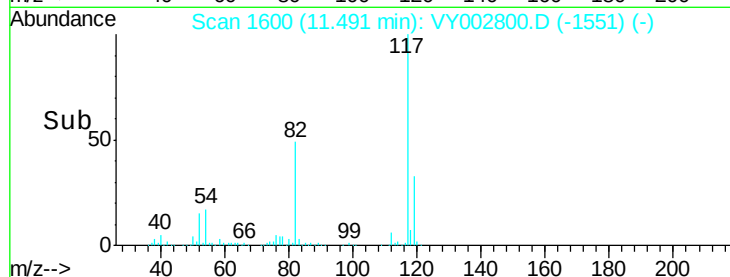
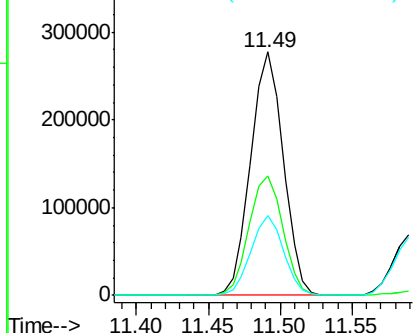
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 435454
Ion Ratio Lower Upper
117 100
82 49.0 40.2 60.4
119 32.8 25.8 38.8

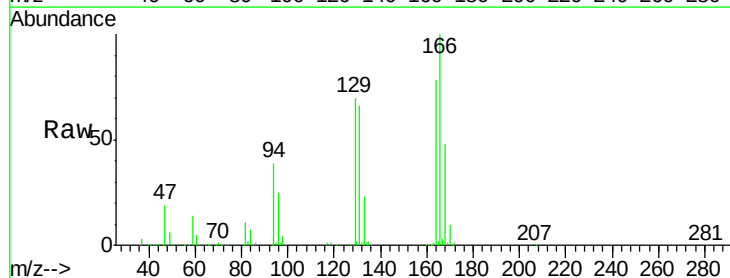


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

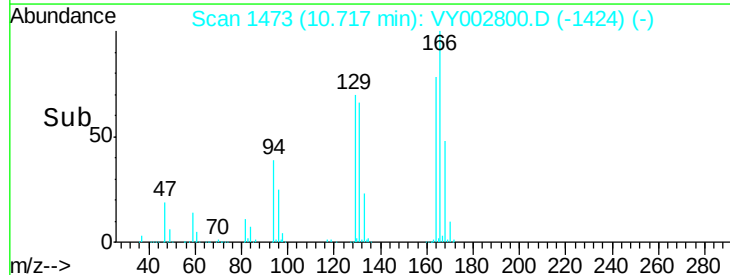
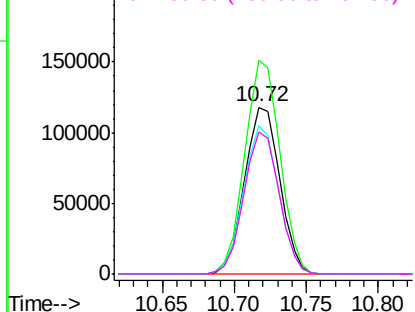


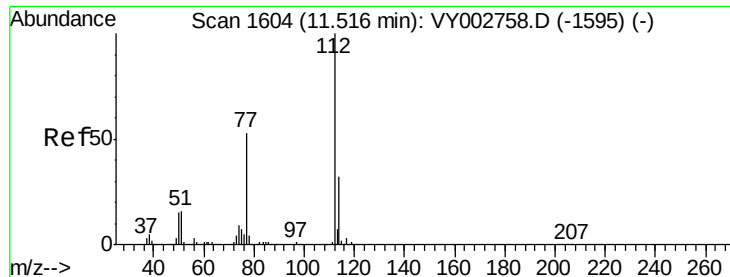
#64
Tetrachloroethene
Concen: 50.62 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion:164 Resp: 200326
Ion Ratio Lower Upper
164 100
166 128.3 102.3 153.5
129 89.3 69.4 104.2
131 85.3 67.8 101.6



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

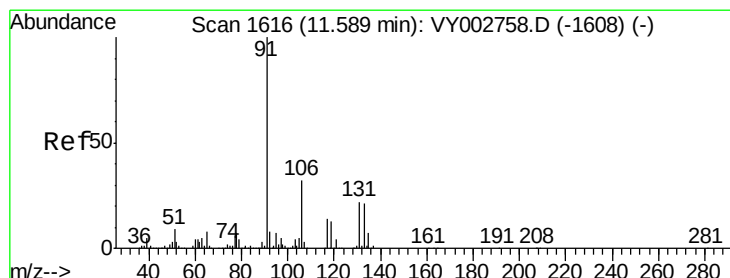
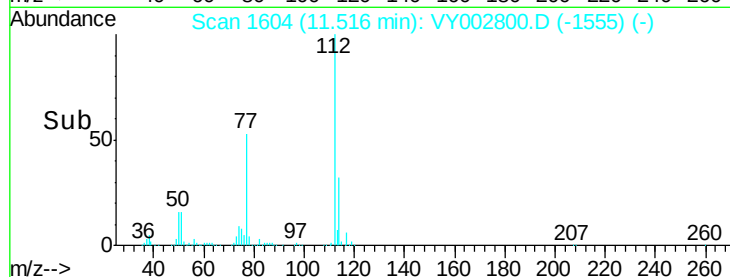
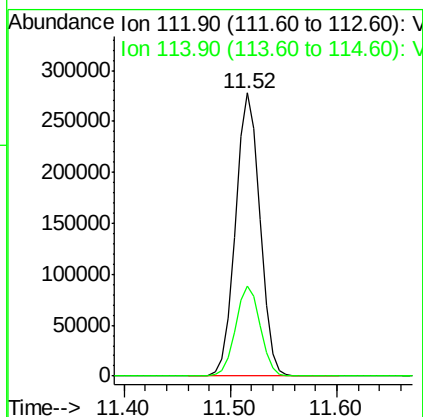
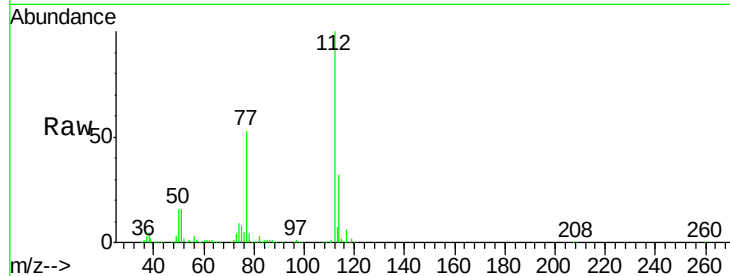




#65
Chlorobenzene
Concen: 51.95 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

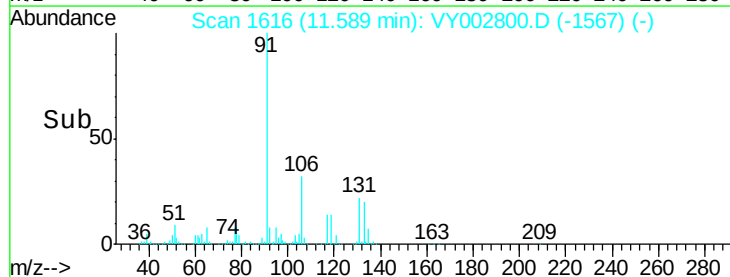
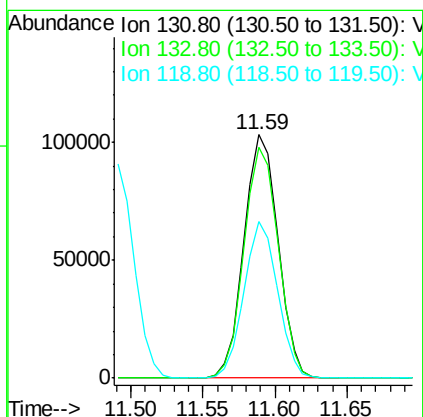
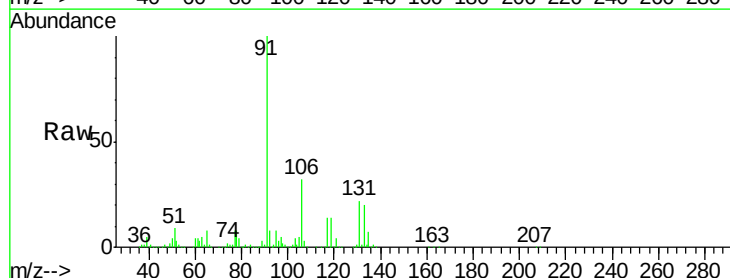
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

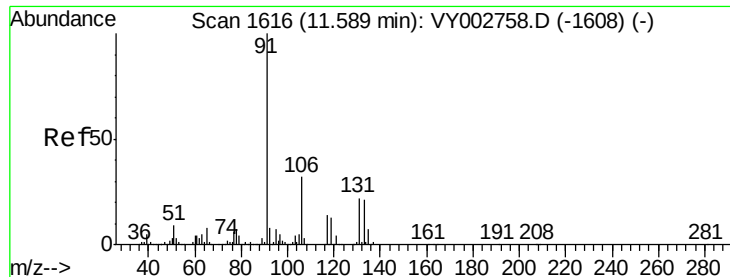
Tgt Ion:112 Resp: 447111
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.22 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion:131 Resp: 169286
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.8
119 63.4 31.7 95.1

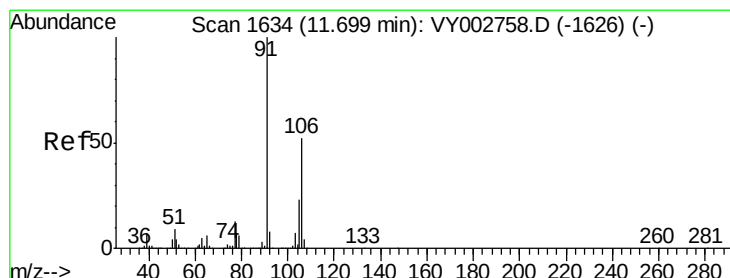
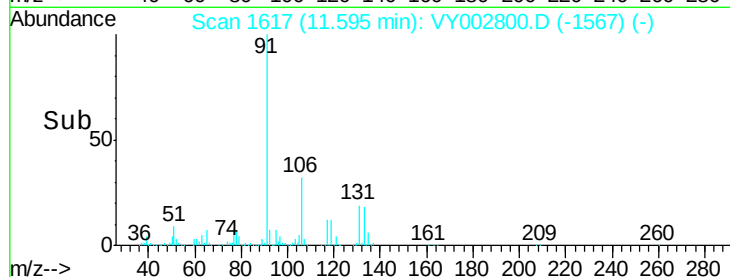
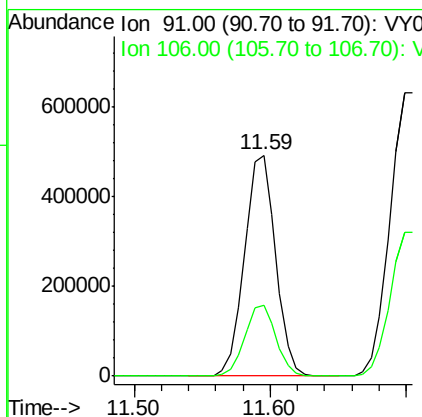
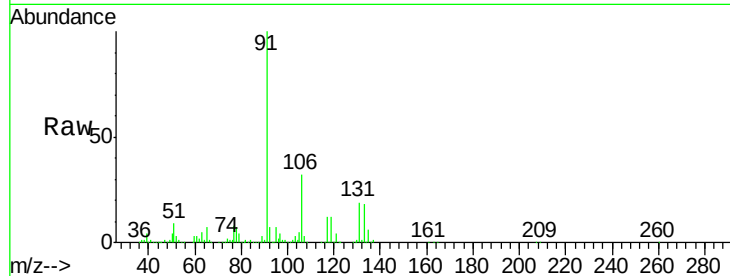




#67
Ethyl Benzene
Concen: 52.71 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

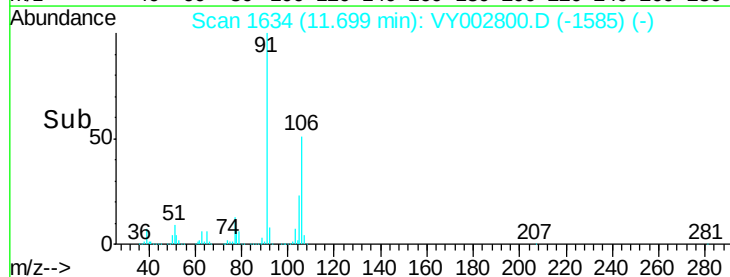
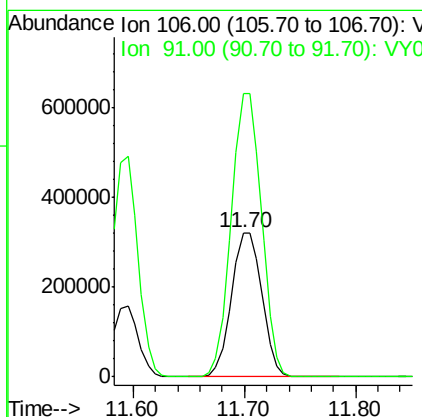
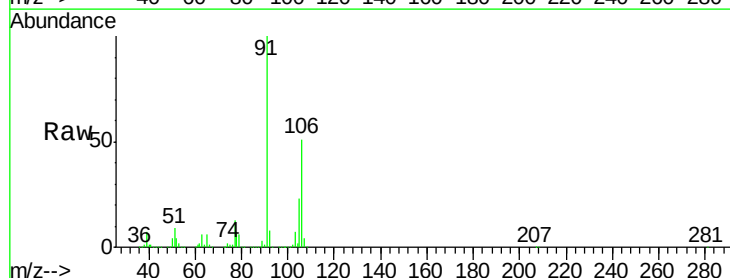
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

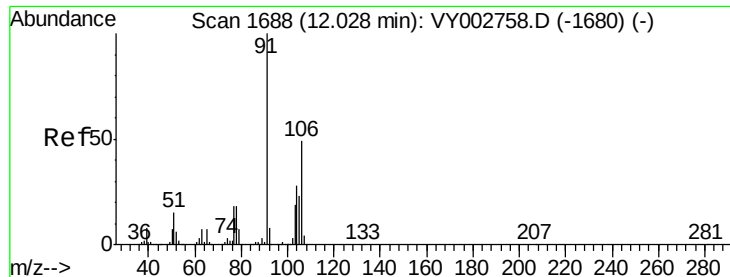
Tgt Ion: 91 Resp: 786446
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 104.77 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 106 Resp: 606114
Ion Ratio Lower Upper
106 100
91 195.9 156.0 234.0

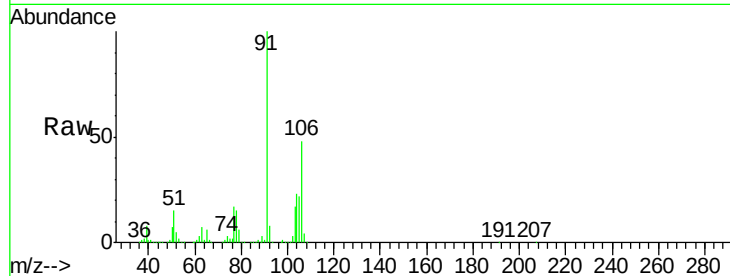




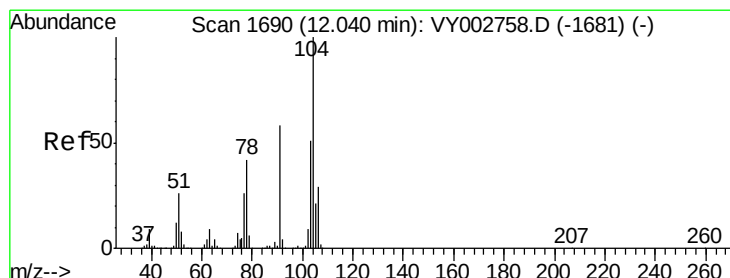
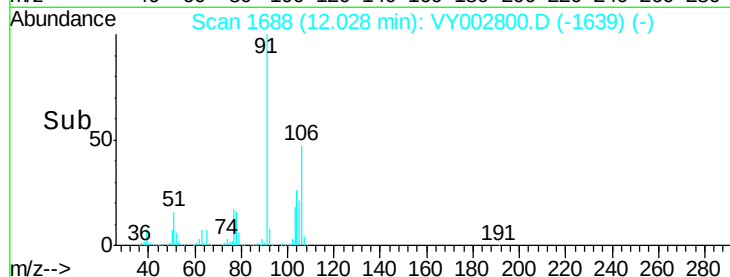
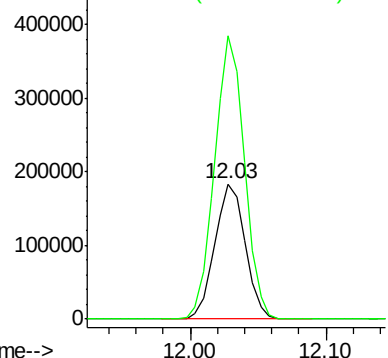
#69
o-Xylene
Concen: 52.56 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 287058
Ion Ratio Lower Upper
106 100
91 205.8 102.4 307.1

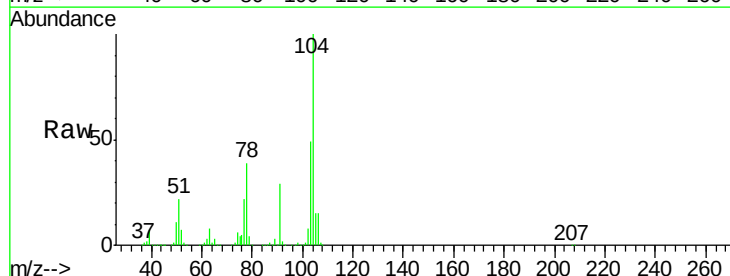


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

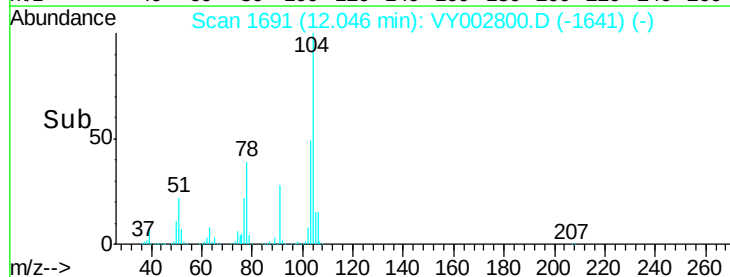
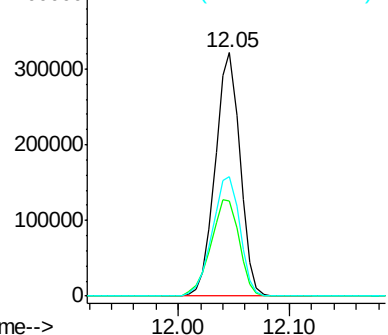


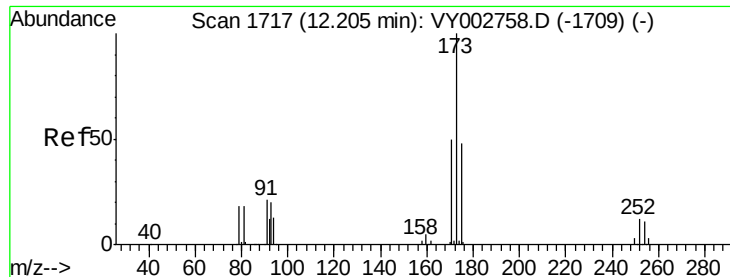
#70
Styrene
Concen: 52.64 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion:104 Resp: 498357
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.4
103 54.6 43.6 65.4



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: 46.81 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

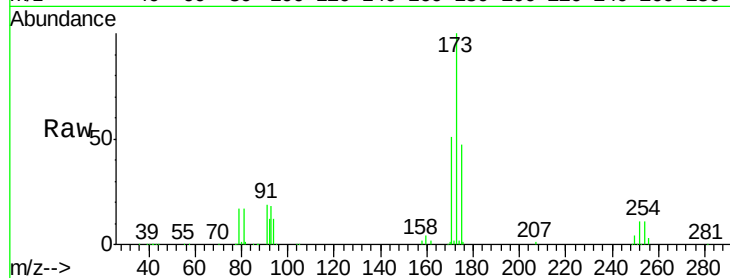
Tgt Ion:173 Resp: 101537

Ion Ratio Lower Upper

173 100

175 47.8 24.3 72.8

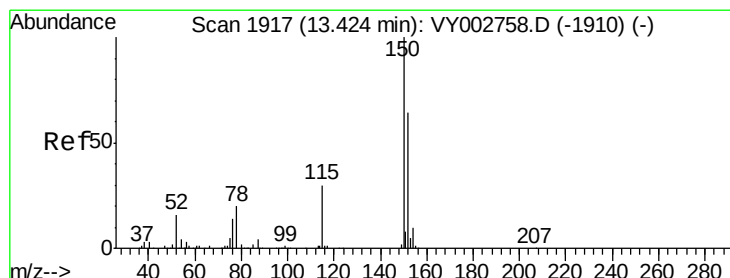
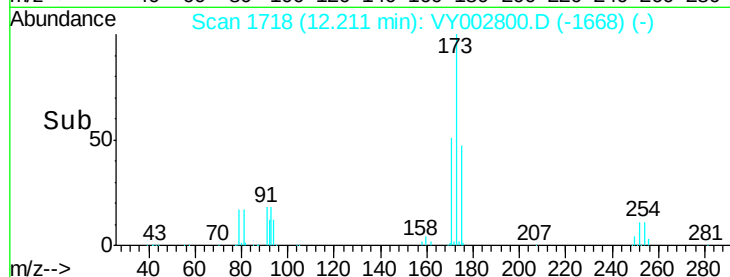
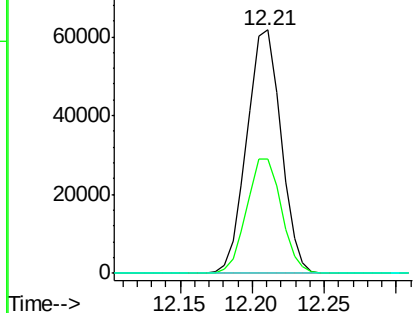
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

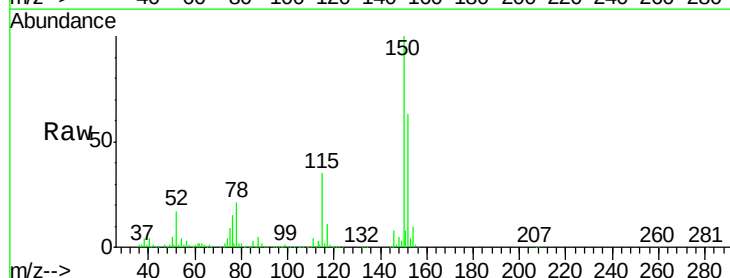
Tgt Ion:152 Resp: 230865

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

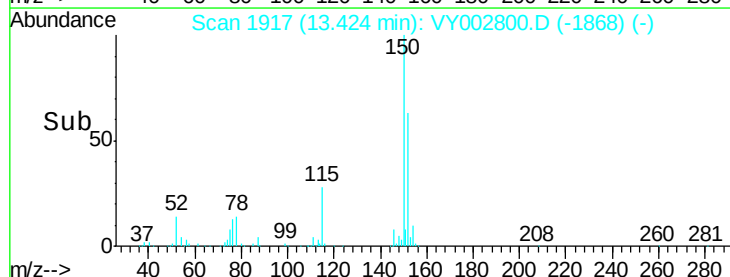
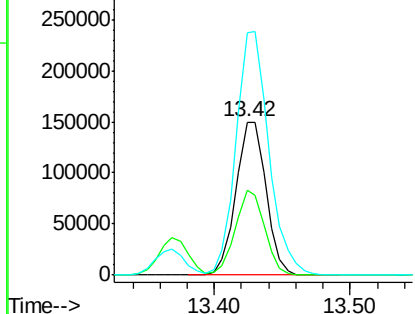
150 173.6 0.0 344.8

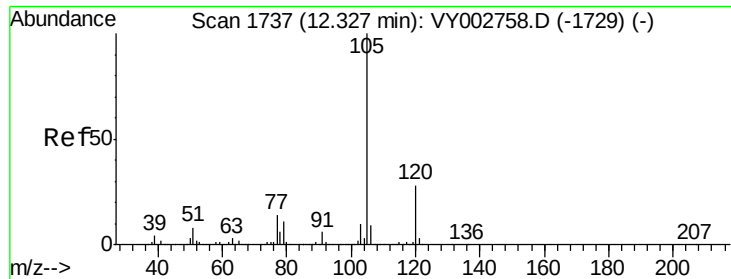


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

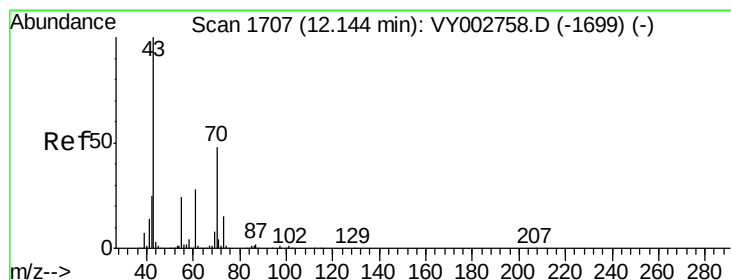
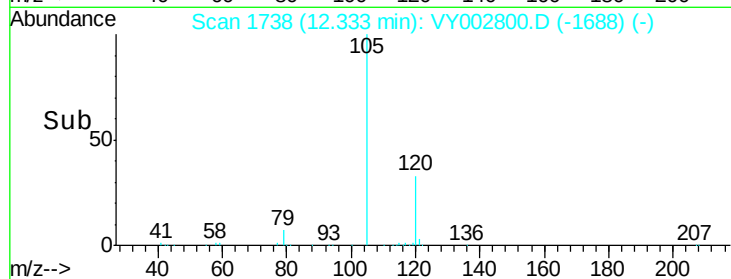
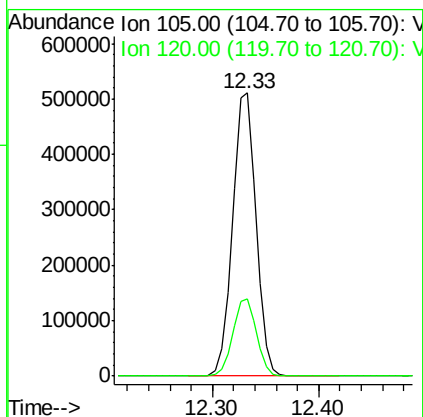
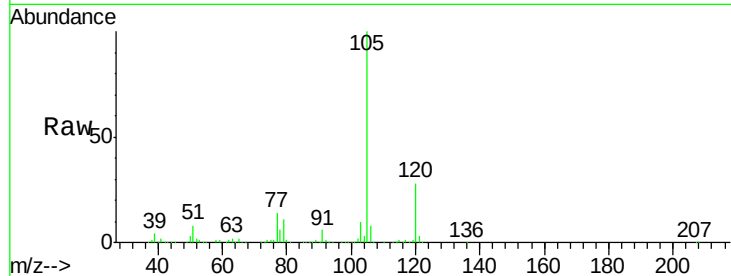




#73
Isopropylbenzene
Concen: 53.29 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

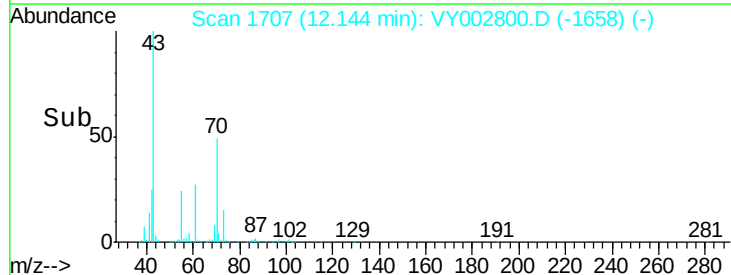
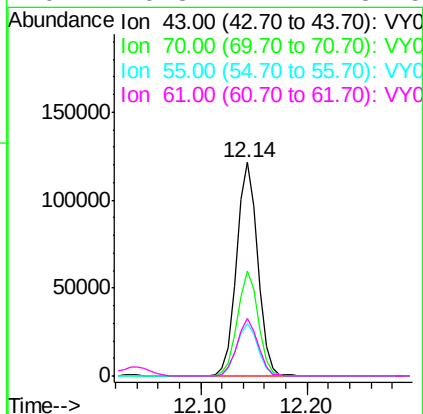
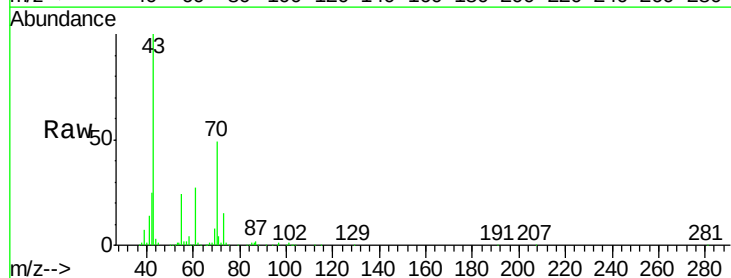
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

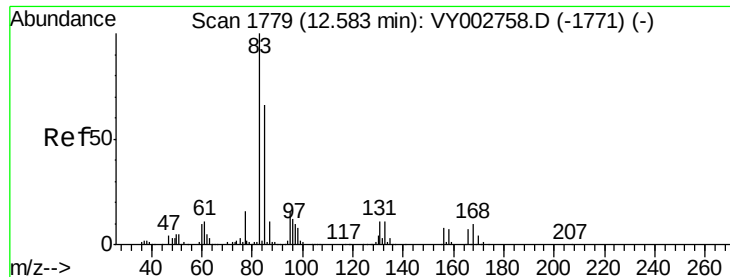
Tgt Ion: 105 Resp: 788389
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1



#74
N-ethyl acetate
Concen: 44.73 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 43 Resp: 169806
Ion Ratio Lower Upper
43 100
70 48.2 37.7 56.5
55 24.7 19.8 29.6
61 26.8 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.47 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

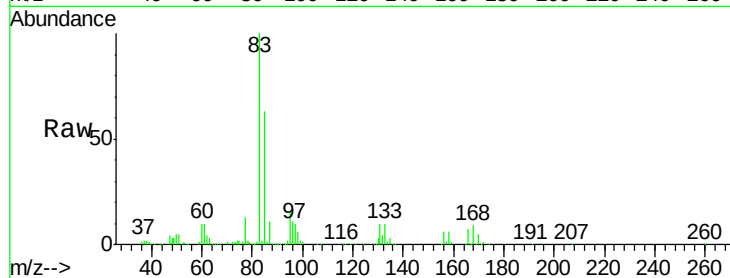
Tgt Ion: 83 Resp: 118042

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

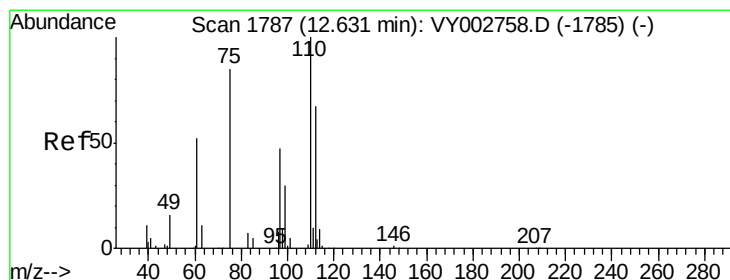
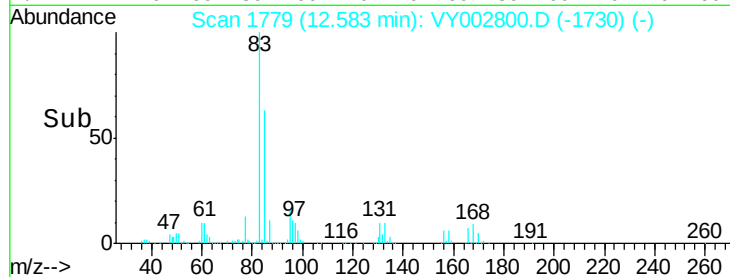
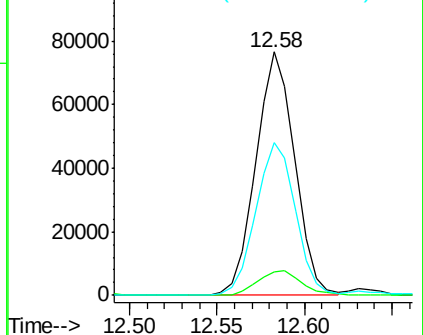
85 63.9 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002800.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002800.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002800.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 46.19 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002800.D

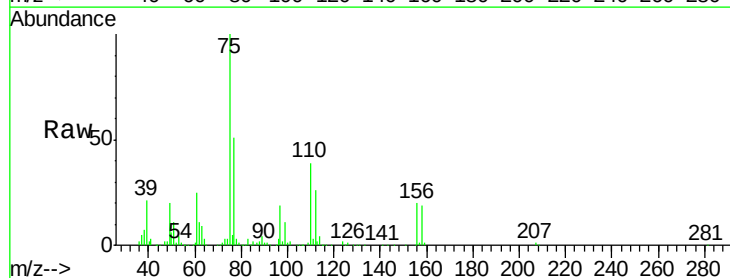
Acq: 29 May 2020 15:55

Tgt Ion: 75 Resp: 96090

Ion Ratio Lower Upper

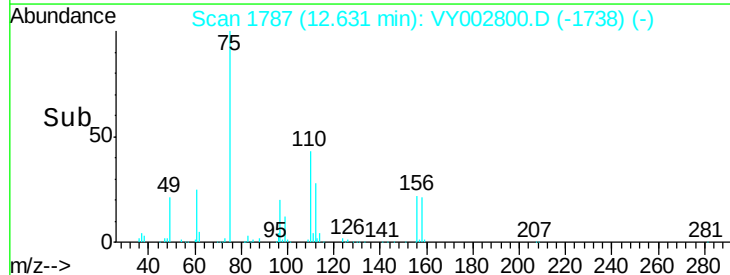
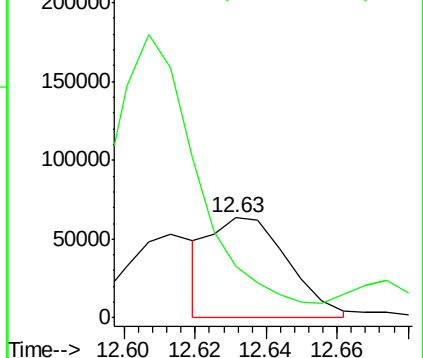
75 100

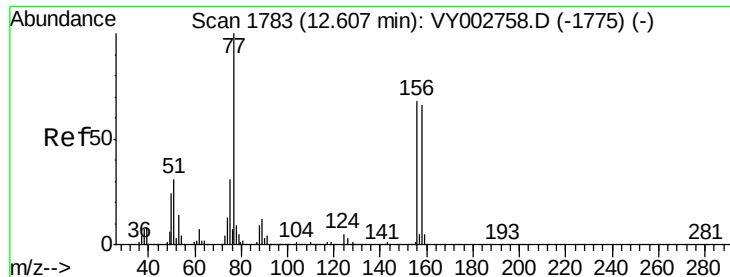
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002800.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002800.D (-1738) (-)





#77

Bromobenzene

Concen: 51.00 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

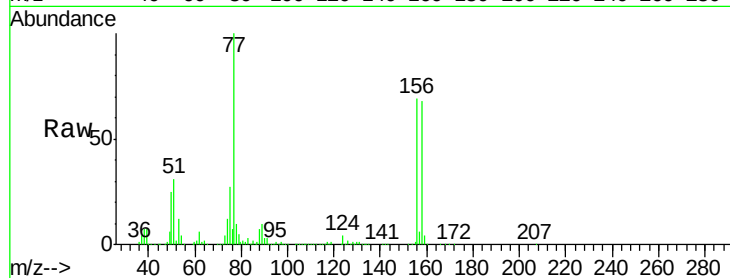
Tgt Ion:156 Resp: 196483

Ion Ratio Lower Upper

156 100

77 160.6 81.4 244.2

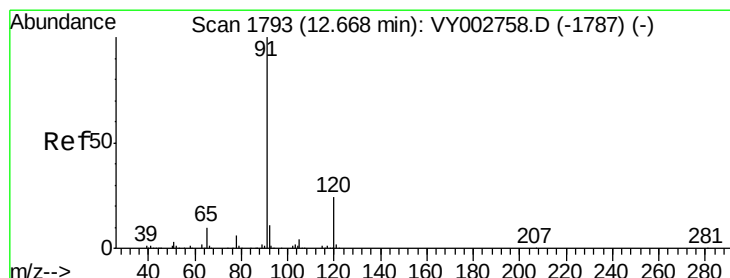
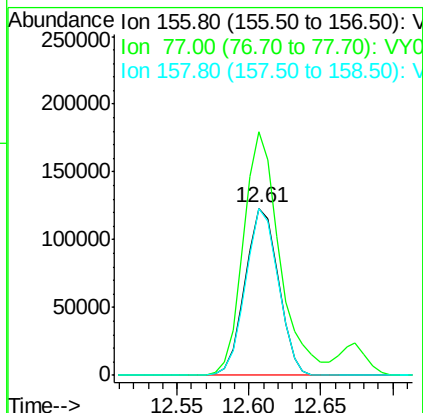
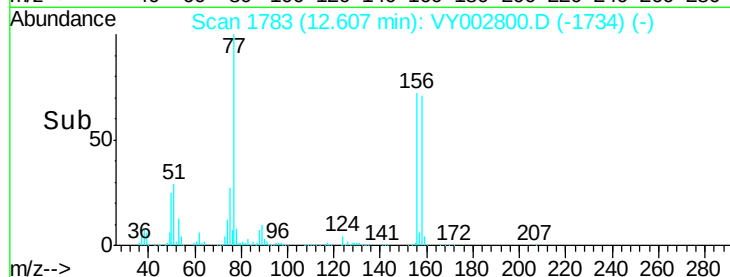
158 98.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.82 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002800.D

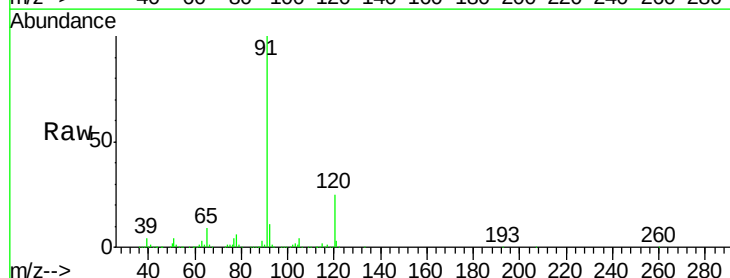
Acq: 29 May 2020 15:55

Tgt Ion: 91 Resp: 919722

Ion Ratio Lower Upper

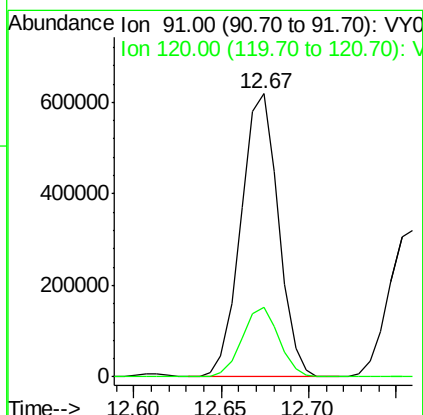
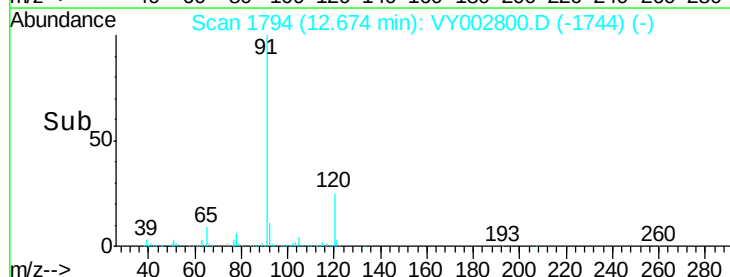
91 100

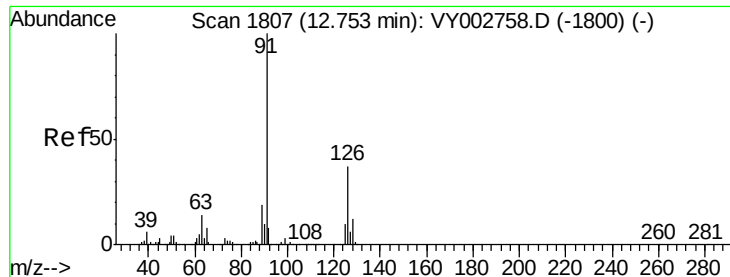
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.18 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

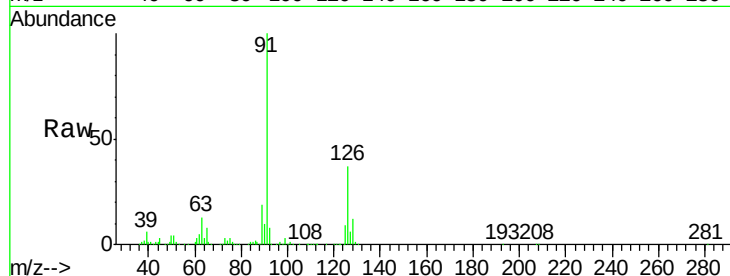
VSTDCCC050EC

Tgt Ion: 91 Resp: 509778

Ion Ratio Lower Upper

91 100

126 36.8 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY002758.D (-1800) (-)

500000

400000

300000

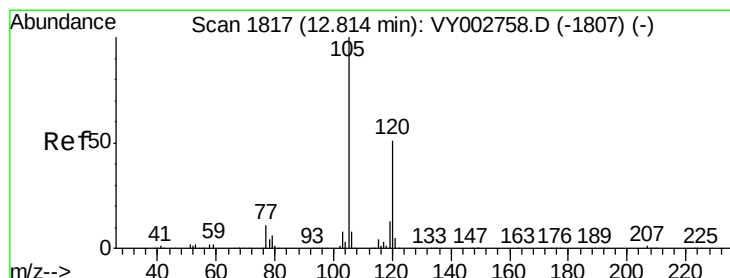
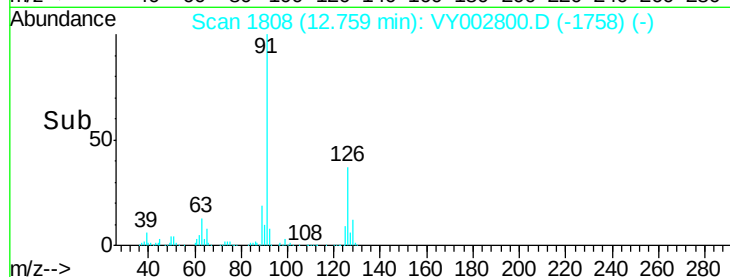
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.51 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002800.D

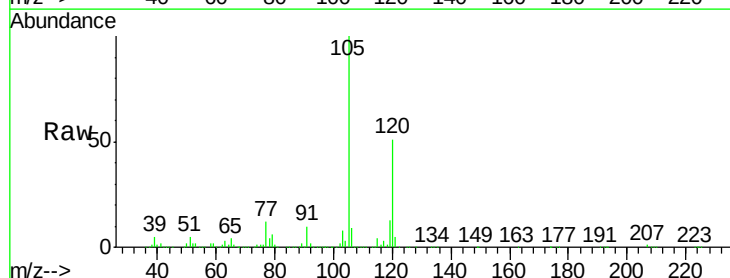
Acq: 29 May 2020 15:55

Tgt Ion: 105 Resp: 661054

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002758.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1807) (-)

500000

400000

300000

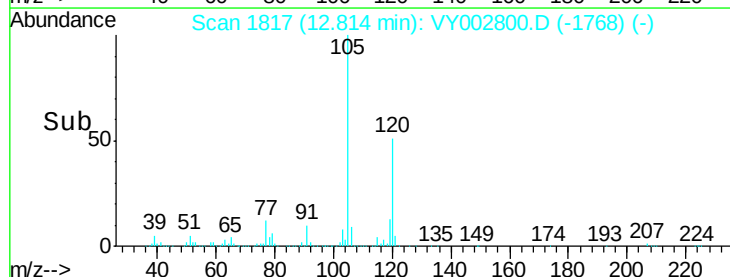
200000

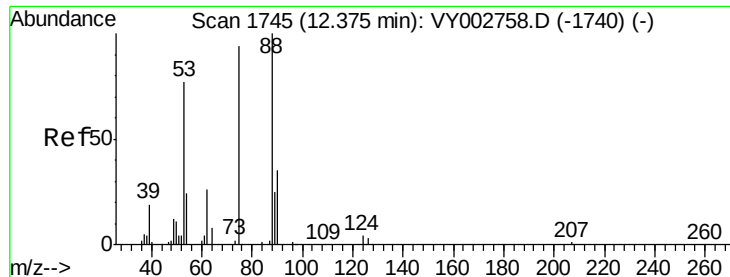
100000

0

12.80 12.81 12.82

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 44.37 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

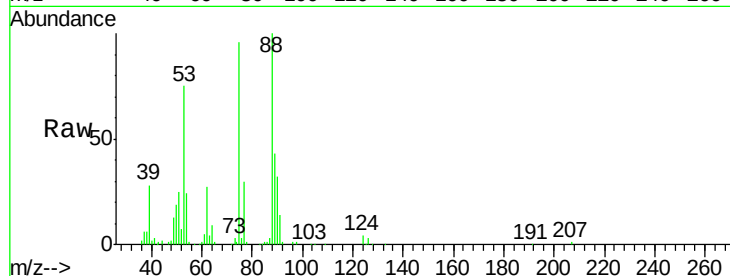
Tgt Ion: 75 Resp: 48993

Ion Ratio Lower Upper

75 100

53 78.6 64.0 96.0

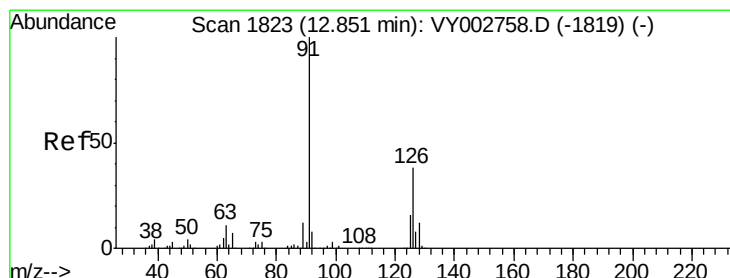
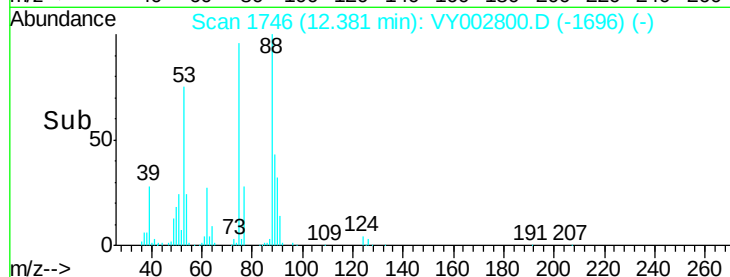
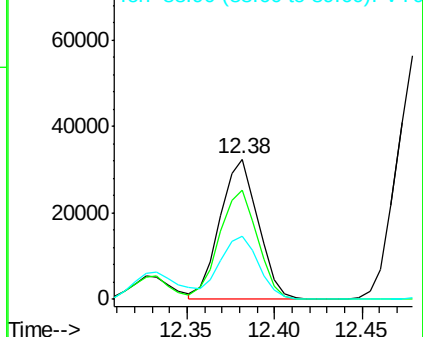
89 45.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 53.47 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002800.D

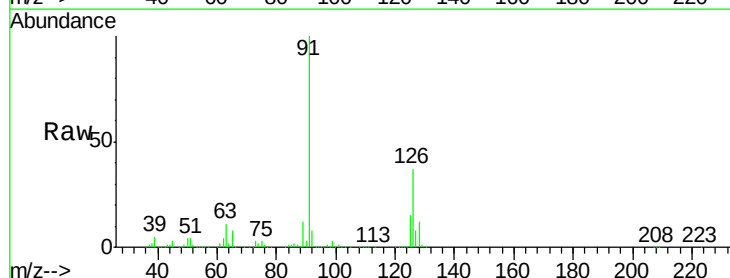
Acq: 29 May 2020 15:55

Tgt Ion: 91 Resp: 537091

Ion Ratio Lower Upper

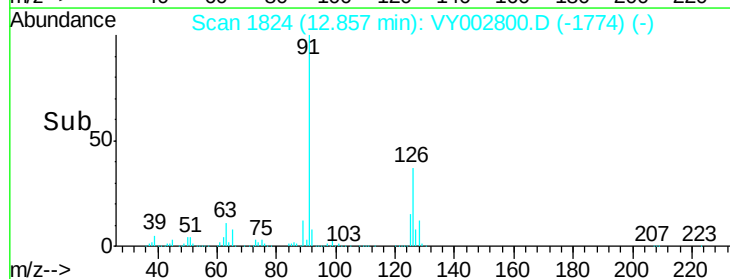
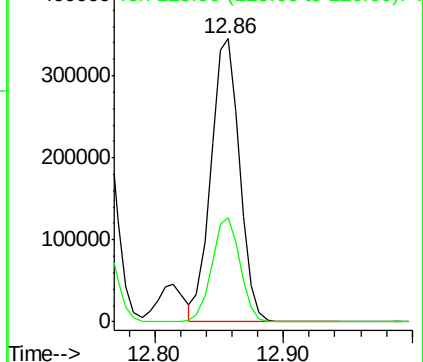
91 100

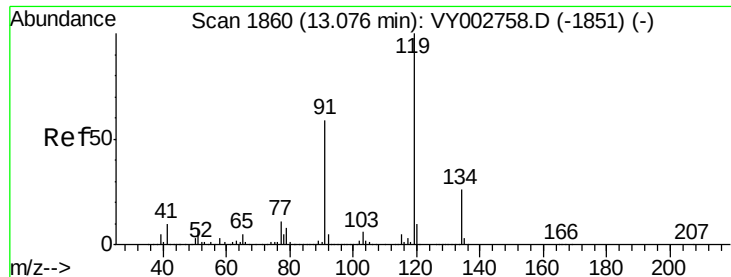
126 36.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

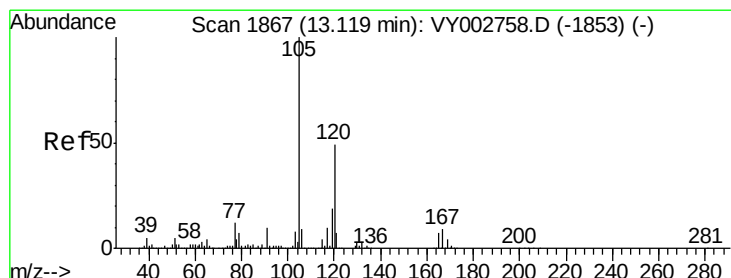
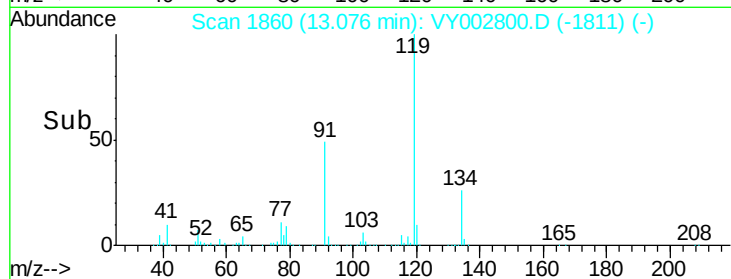
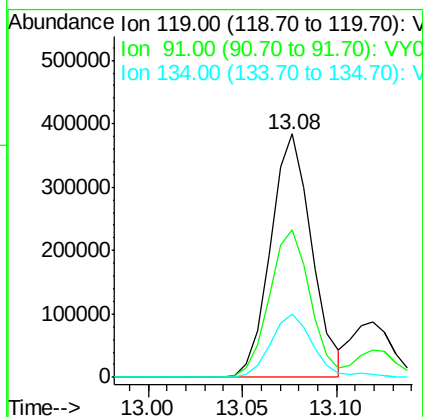
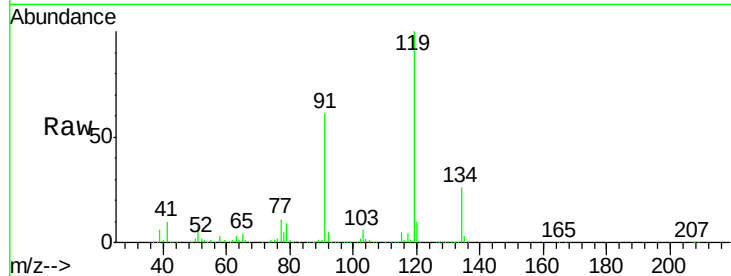




#83
 tert-Butylbenzene
 Concen: 52.68 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

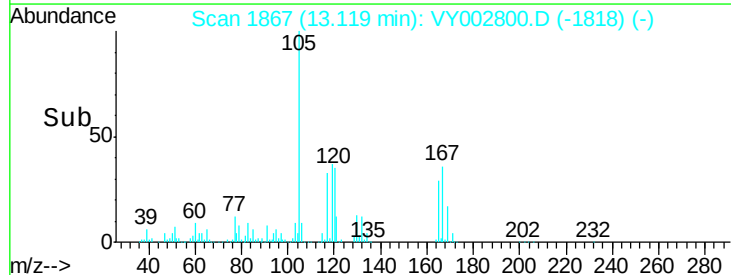
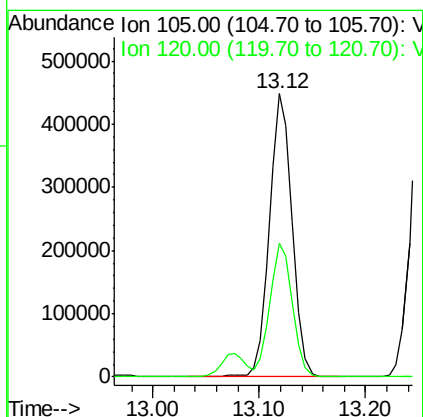
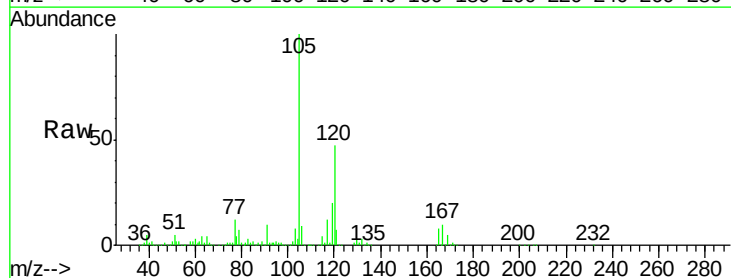
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

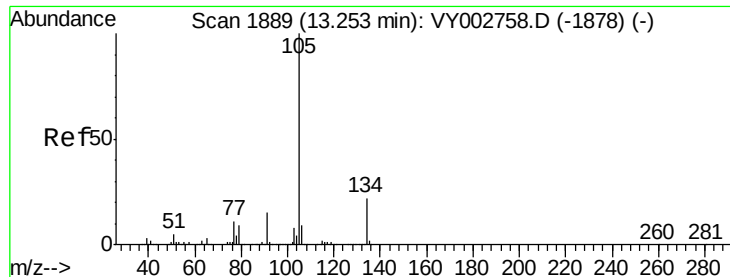
Tgt Ion:119 Resp: 580486
 Ion Ratio Lower Upper
 119 100
 91 60.2 29.8 89.4
 134 27.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.67 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion:105 Resp: 666619
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.6 70.8





#85

sec-Butylbenzene

Concen: 53.63 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

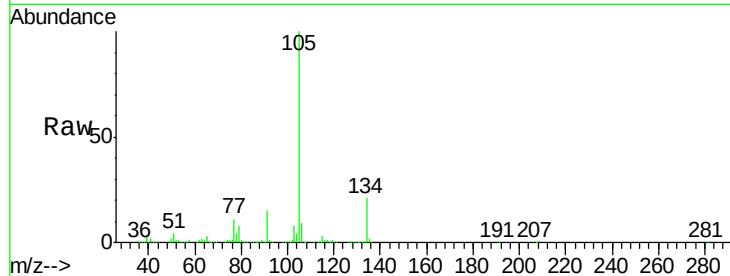
VSTDCCC050EC

Tgt Ion:105 Resp: 807978

Ion Ratio Lower Upper

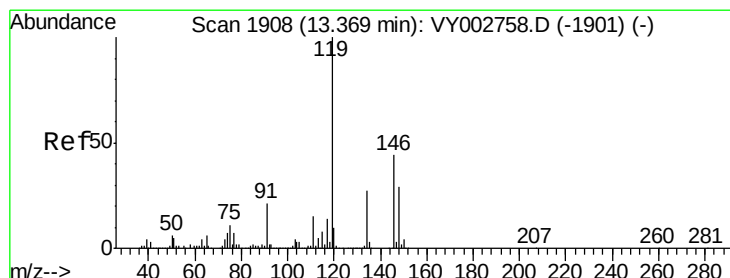
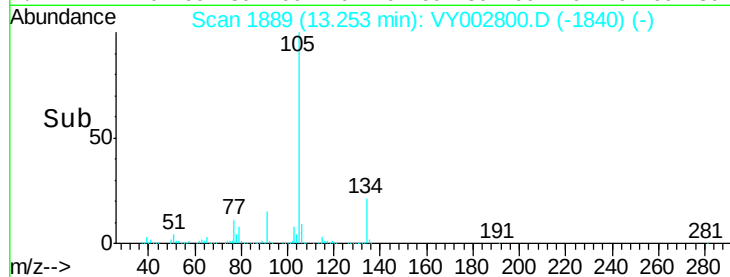
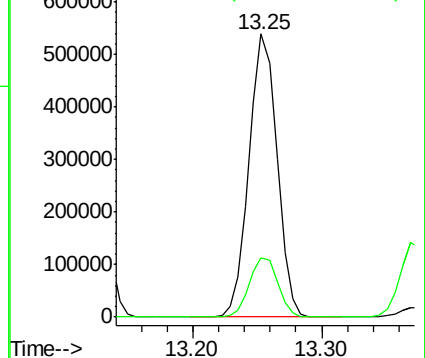
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.73 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

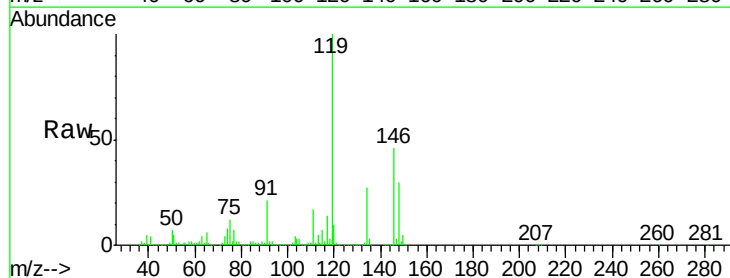
Tgt Ion:119 Resp: 753316

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

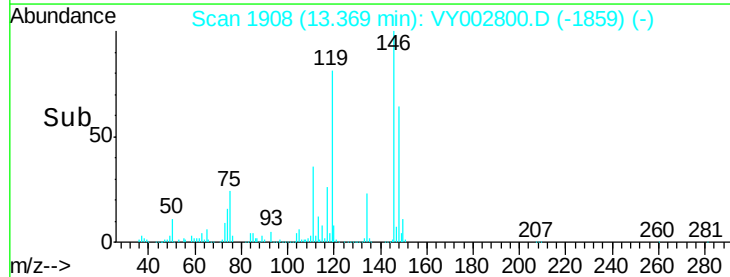
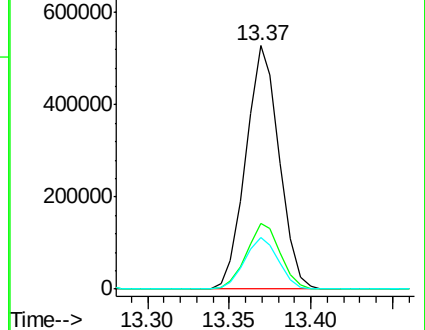
91 21.4 10.8 32.4

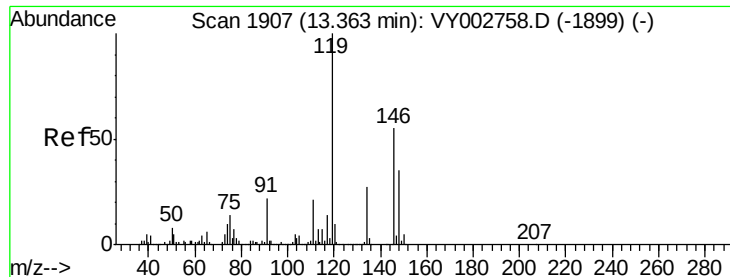


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.93 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

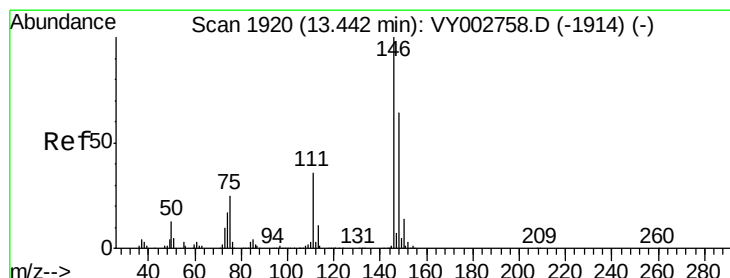
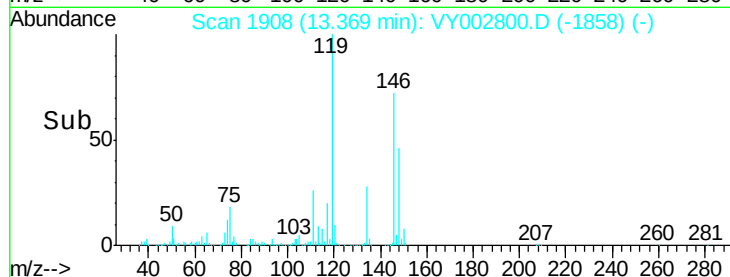
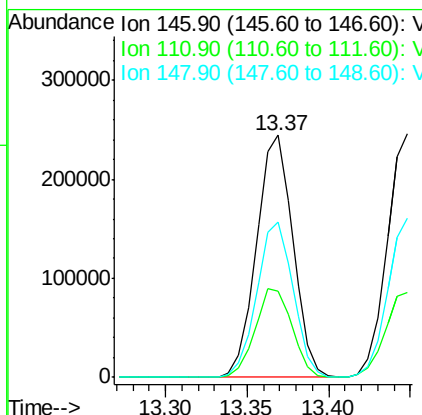
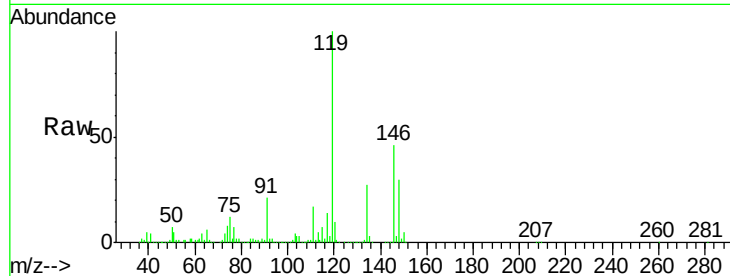
Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 378952

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.0
148	64.1	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 51.41 ug/l

RT: 13.45 min Scan# 1921

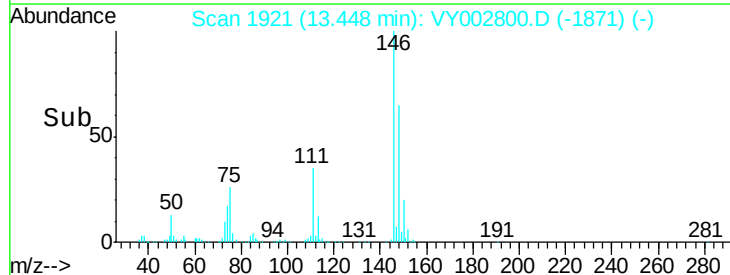
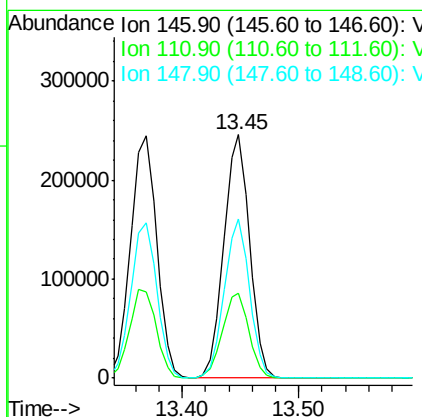
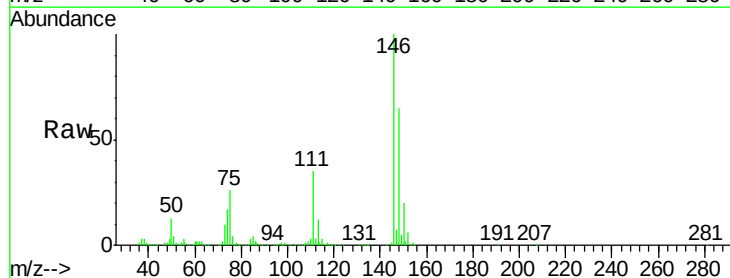
Delta R.T. 0.01 min

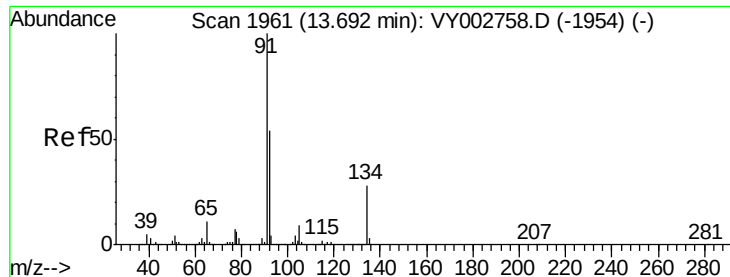
Lab File: VY002800.D

Acq: 29 May 2020 15:55

Tgt Ion:146 Resp: 375249

Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.3
148	64.0	32.1	96.3

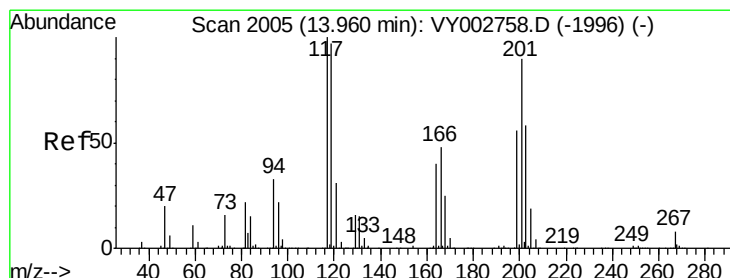
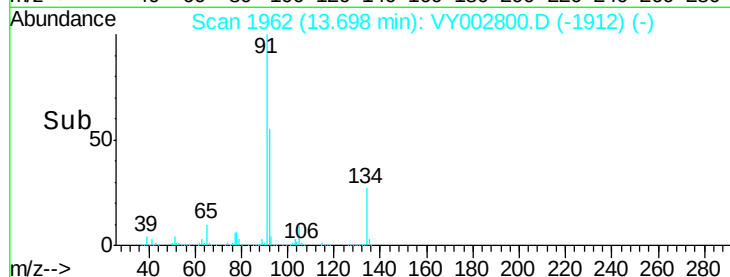
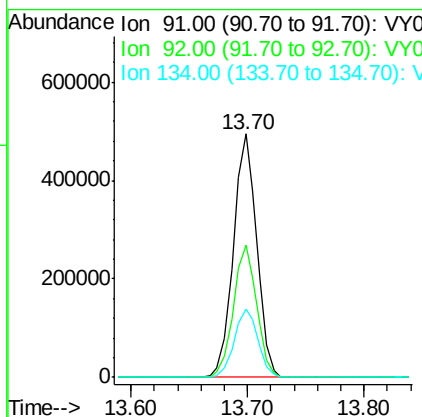
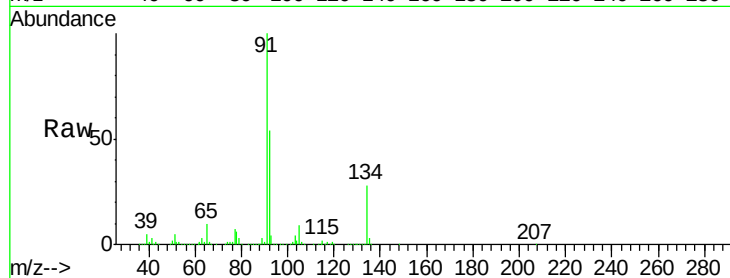




#89
n-Butylbenzene
Concen: 54.06 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

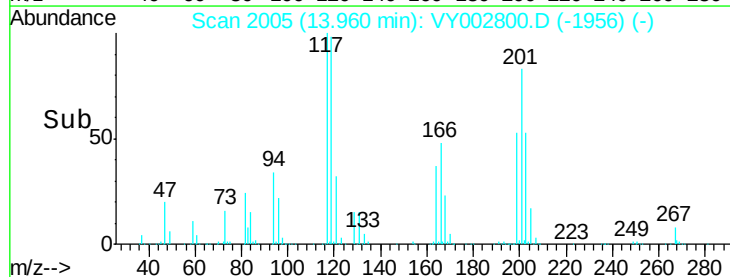
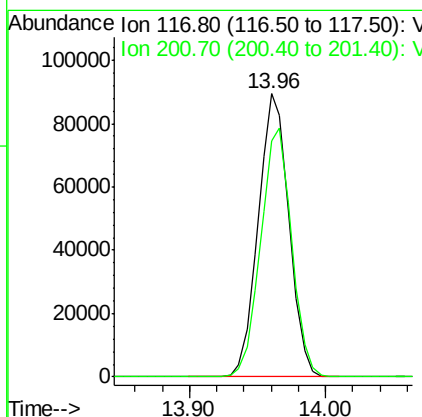
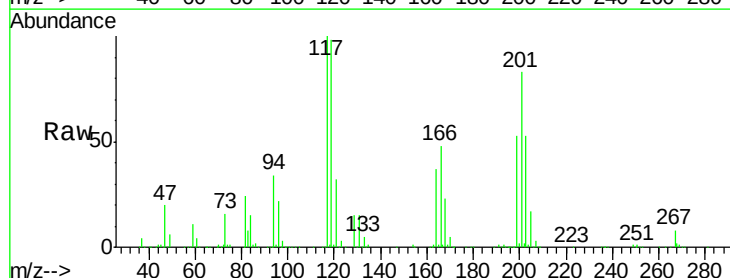
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

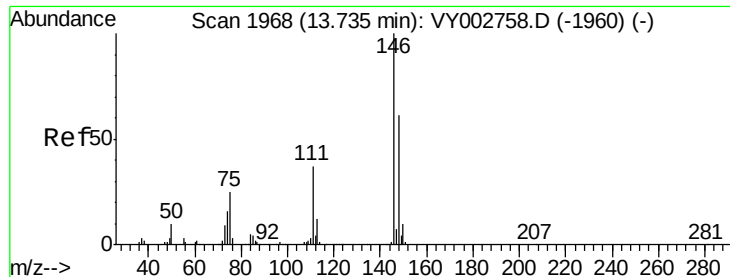
Tgt Ion: 91 Resp: 688109
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 28.4 14.3 42.9



#90
Hexachloroethane
Concen: 54.06 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 117 Resp: 141895
Ion Ratio Lower Upper
117 100
201 88.2 43.9 131.6

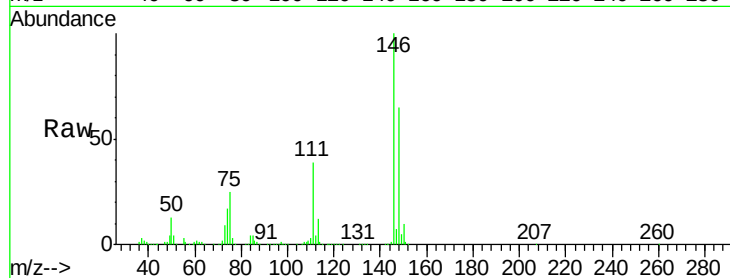




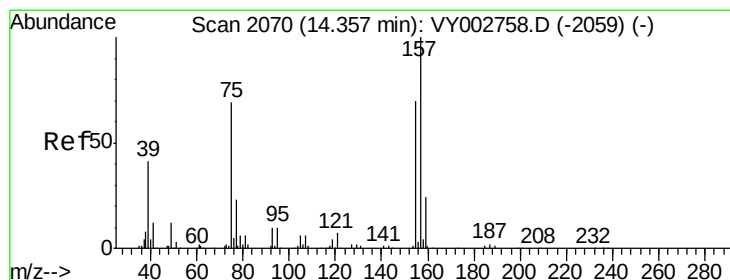
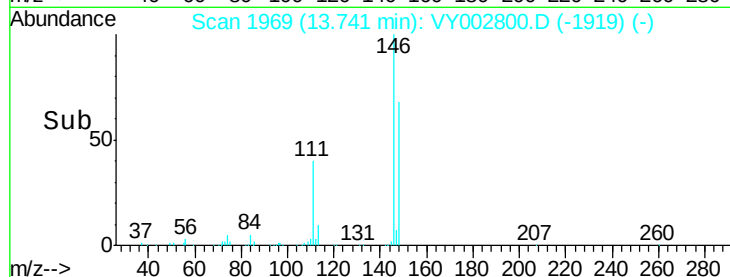
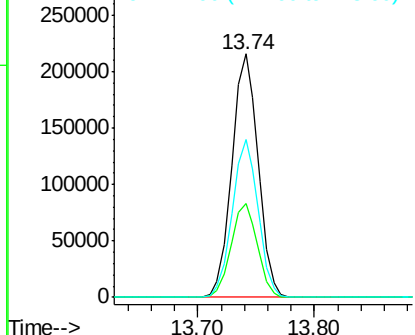
#91
 1,2-Dichlorobenzene
 Concen: 51.08 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	64.0	31.9	95.5

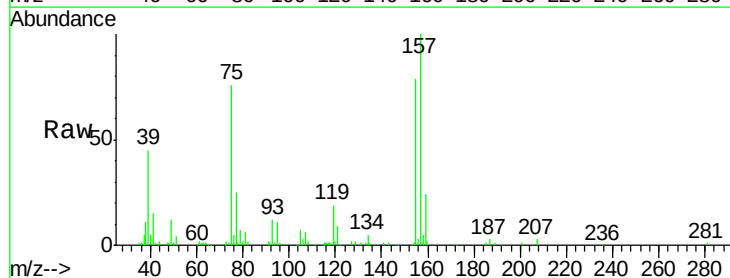


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

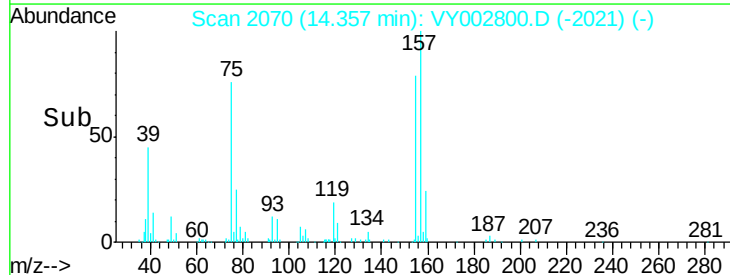
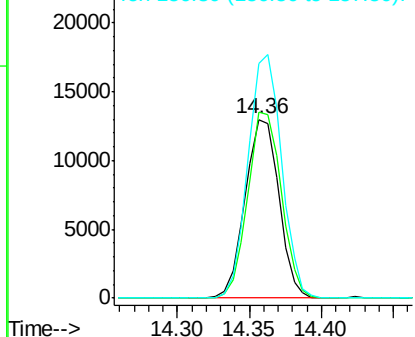


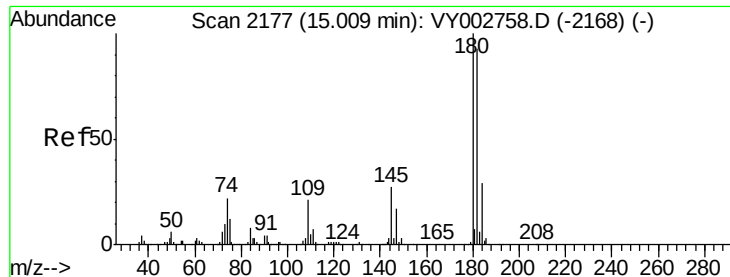
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.18 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.2	53.5	160.5
157	135.0	69.9	209.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

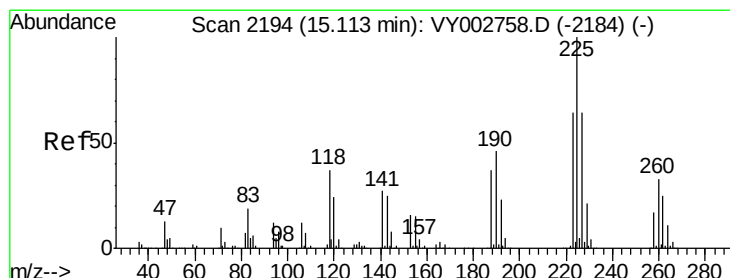
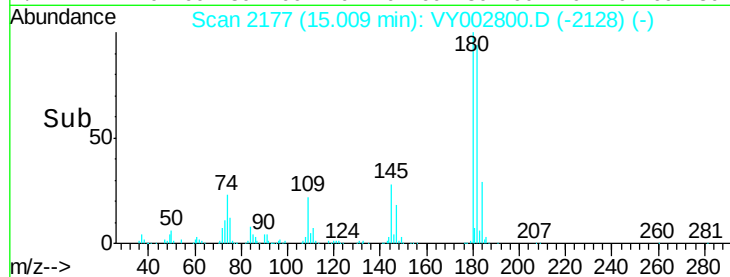
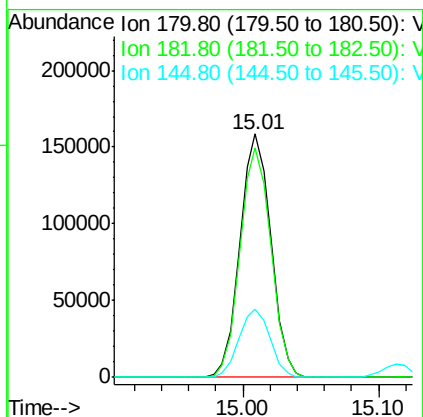
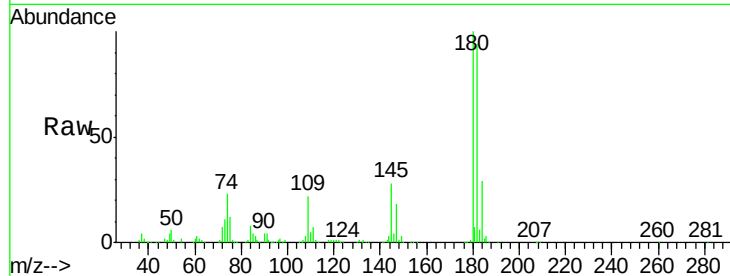




#93
 1,2,4-Trichlorobenzene
 Concen: 50.41 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

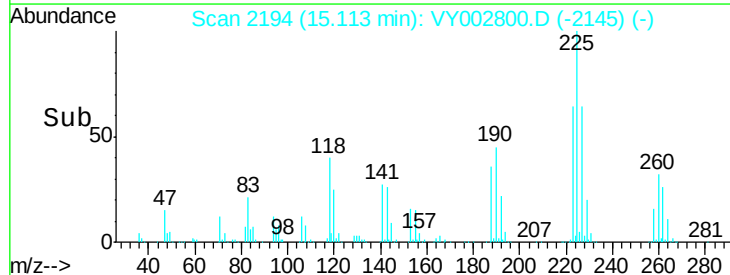
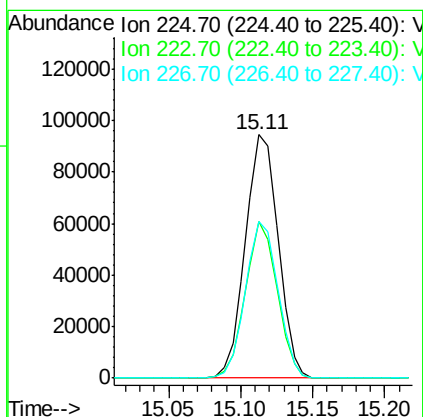
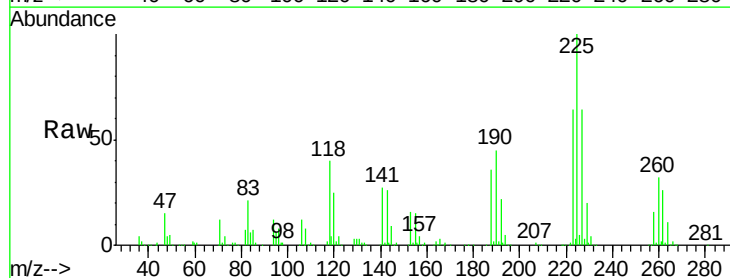
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

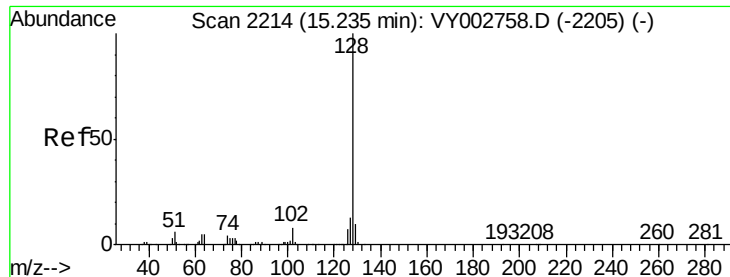
Tgt Ion:180 Resp: 251467
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.9
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 52.83 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion:225 Resp: 149472
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 95.0
 227 63.7 32.3 96.9





#95

Naphthalene

Concen: 43.85 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

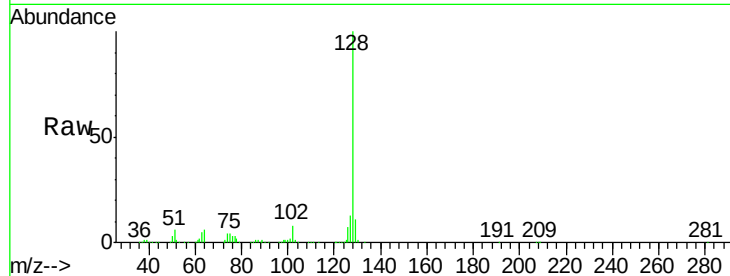
Tgt Ion:128 Resp: 438578

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

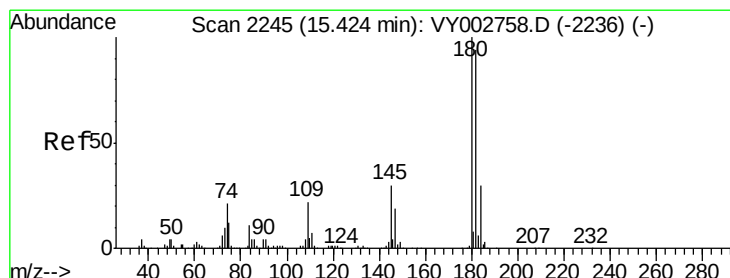
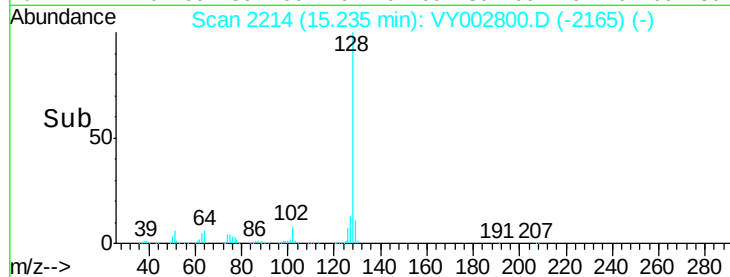
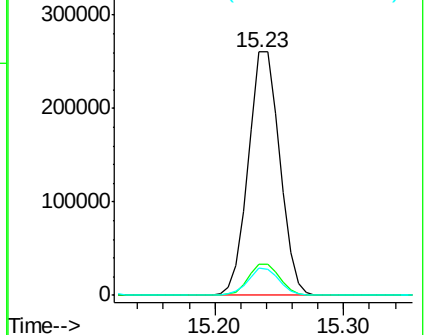
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.62 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VY002800.D

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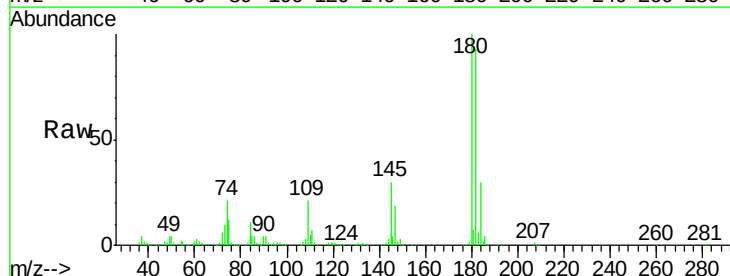
Tgt Ion:180 Resp: 216557

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.4

145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

