

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002890.D
 Acq On : 11 Jun 2020 15:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 16:50:44 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	264507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	391607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	369570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	116604	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	7.72	113	118182	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	10.18	98	461060	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.48	95	163929	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	78684	43.232	ug/l	98
3) Chloromethane	2.12	50	89096	44.257	ug/l	98
4) Vinyl Chloride	2.26	62	101925	47.901	ug/l	96
5) Bromomethane	2.65	94	73624	46.172	ug/l	98
6) Chloroethane	2.80	64	64266	46.591	ug/l	100
7) Trichlorofluoromethane	3.13	101	176923	46.947	ug/l	97
8) Diethyl Ether	3.54	74	68481	46.538	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	109242	48.822	ug/l	99
10) Methyl Iodide	4.10	142	145395	46.439	ug/l	100
11) Tert butyl alcohol	4.97	59	58844	237.761	ug/l	99
12) 1,1-Dichloroethene	3.88	96	107292	47.681	ug/l	99
13) Acrolein	3.74	56	60232	223.793	ug/l	100
14) Allyl chloride	4.49	41	158270	49.041	ug/l	100
15) Acrylonitrile	5.18	53	171699	258.643	ug/l	99
16) Acetone	3.96	43	136457	253.385	ug/l	99
17) Carbon Disulfide	4.20	76	290299	42.693	ug/l	99
18) Methyl Acetate	4.49	43	71665	53.093	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	314471	50.623	ug/l	99
20) Methylene Chloride	4.72	84	129721	49.290	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	119007	47.028	ug/l	98
22) Diisopropyl ether	6.13	45	338578	50.485	ug/l	97
23) Vinyl Acetate	6.07	43	1144437	258.466	ug/l	99
24) 1,1-Dichloroethane	6.03	63	196922	50.195	ug/l	99
25) 2-Butanone	7.00	43	209038	249.139	ug/l	100
26) 2,2-Dichloropropane	6.99	77	180424	47.953	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	139508	49.246	ug/l	99
28) Bromochloromethane	7.34	49	81651	50.699	ug/l	99
29) Tetrahydrofuran	7.35	42	138535	253.837	ug/l	99
30) Chloroform	7.52	83	211825	50.883	ug/l	98
31) Cyclohexane	7.79	56	169515	43.520	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	190537	49.116	ug/l	100
36) 1,1-Dichloropropene	7.93	75	156843	47.546	ug/l	99
37) Ethyl Acetate	7.08	43	91682	51.082	ug/l	99
38) Carbon Tetrachloride	7.91	117	178085	48.596	ug/l	98

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

39) Methylcyclohexane	9.19	83	196974	45.301	ug/l	98
40) Benzene	8.16	78	474982	48.730	ug/l	100
41) Methacrylonitrile	7.33	41	49793m	51.641	ug/l	
42) 1,2-Dichloroethane	8.24	62	135070	49.445	ug/l	100
43) Isopropyl Acetate	8.28	43	172769	50.797	ug/l	100
44) Trichloroethene	8.94	130	146954	47.730	ug/l	100
45) 1,2-Dichloropropane	9.22	63	117312	50.187	ug/l	99
46) Dibromomethane	9.31	93	69490	50.057	ug/l	100
47) Bromodichloromethane	9.50	83	168171	51.387	ug/l	96
48) Methyl methacrylate	9.30	41	77642	50.569	ug/l	99
49) 1,4-Dioxane	9.30	88	20984	984.445	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	467976	259.843	ug/l	100
52) Toluene	10.25	92	310826	48.746	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	182001	50.916	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	204628	50.520	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	107966	50.800	ug/l	94
56) Ethyl methacrylate	10.51	69	145152	50.990	ug/l	99
57) 1,3-Dichloropropane	10.79	76	176747	50.562	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	370692	266.502	ug/l	100
59) 2-Hexanone	10.83	43	334217	261.546	ug/l	100
60) Dibromochloromethane	10.99	129	137599	51.067	ug/l	100
61) 1,2-Dibromoethane	11.09	107	104287	49.743	ug/l	99
64) Tetrachloroethene	10.72	164	154288	45.935	ug/l	98
65) Chlorobenzene	11.52	112	356566	48.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	138022	50.171	ug/l	100
67) Ethyl Benzene	11.59	91	609585	48.138	ug/l	100
68) m/p-Xylenes	11.70	106	475567	96.861	ug/l	100
69) o-Xylene	12.03	106	228821	49.368	ug/l	99
70) Styrene	12.05	104	400890	49.893	ug/l	99
71) Bromoform	12.20	173	94474	51.322	ug/l #	100
73) Isopropylbenzene	12.33	105	621677	47.985	ug/l	100
74) N-amyl acetate	12.14	43	165371	49.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	117796	51.821	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	94390m	51.815	ug/l	
77) Bromobenzene	12.61	156	161708	47.935	ug/l	99
78) n-propylbenzene	12.67	91	718394	48.004	ug/l	100
79) 2-Chlorotoluene	12.75	91	400143	47.666	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	521872	48.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	47076	48.687	ug/l	96
82) 4-Chlorotoluene	12.86	91	422332	48.018	ug/l	100
83) tert-Butylbenzene	13.08	119	465816	48.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	524722	48.242	ug/l	100
85) sec-Butylbenzene	13.25	105	636210	48.221	ug/l	100
86) p-Isopropyltoluene	13.37	119	593354	48.332	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	308633	48.299	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	307371	48.085	ug/l	100
89) n-Butylbenzene	13.70	91	536037	48.093	ug/l	99
90) Hexachloroethane	13.96	117	112695	49.034	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	280133	48.339	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22412	51.247	ug/l	96

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Quant Title : SW846 8260
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Response via : Initial Calibration

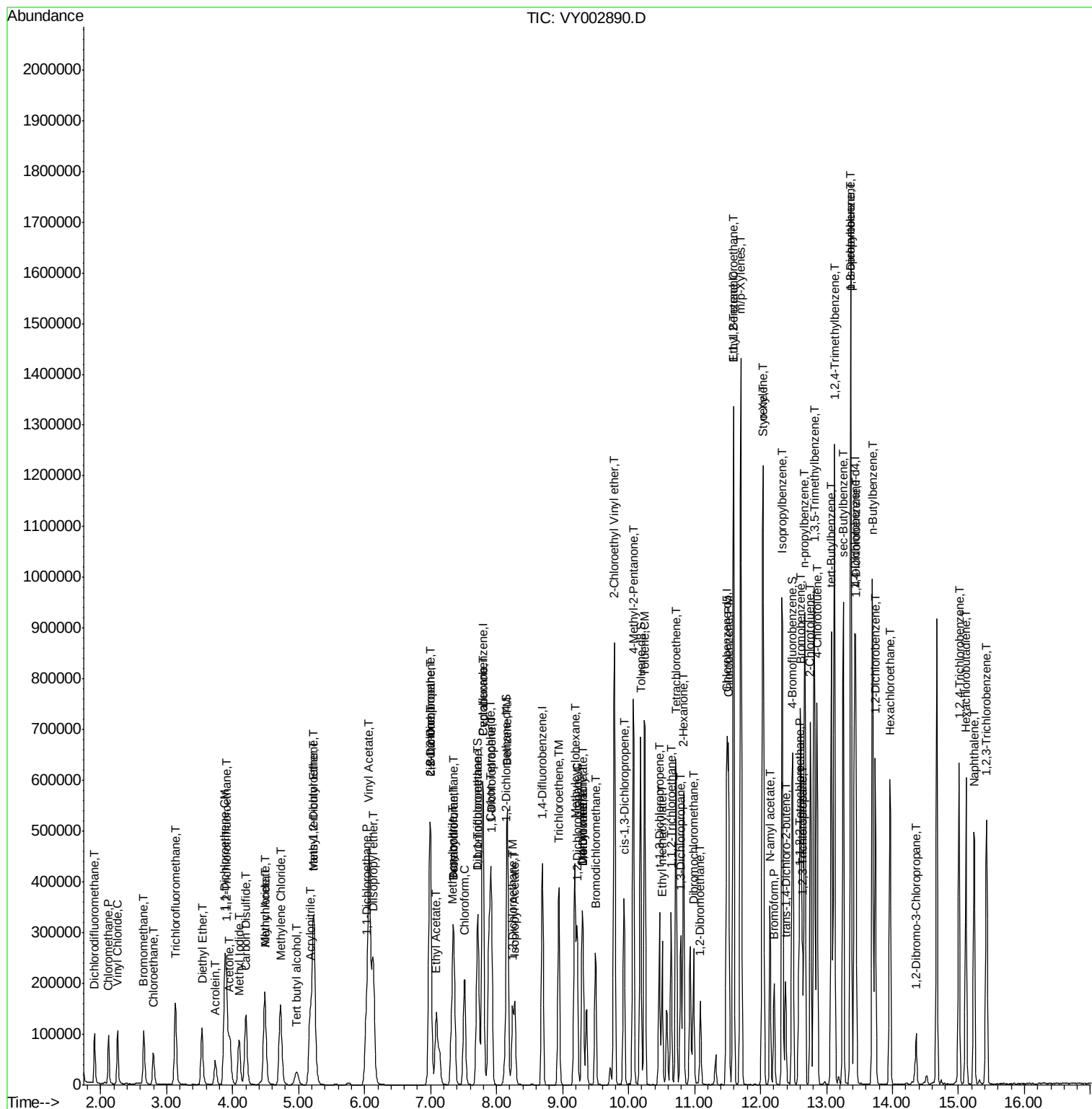
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	209916	48.057	ug/l	100
94) Hexachlorobutadiene	15.11	225	119840	48.372	ug/l	99
95) Naphthalene	15.23	128	427599	48.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	188022	48.203	ug/l	98

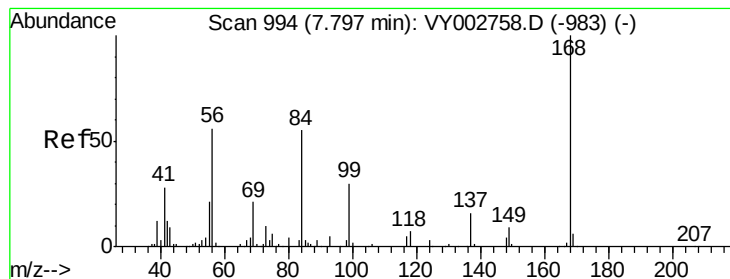
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

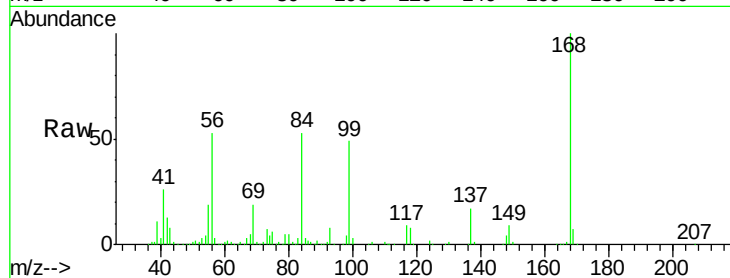
VSTDCCC050EC

Tot Ion:168 Resp: 264507

Ion Ratio Lower Upper

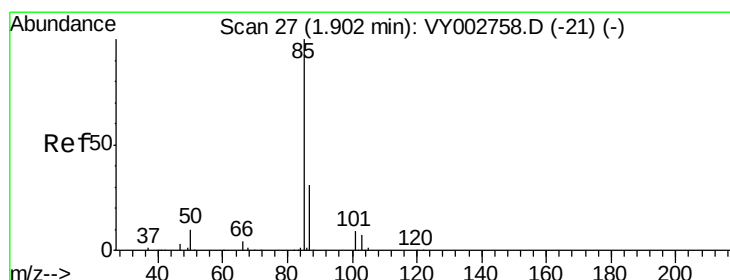
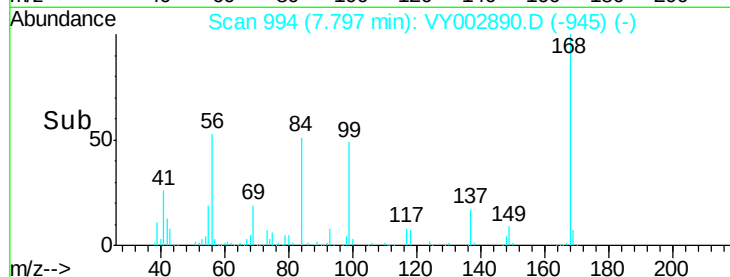
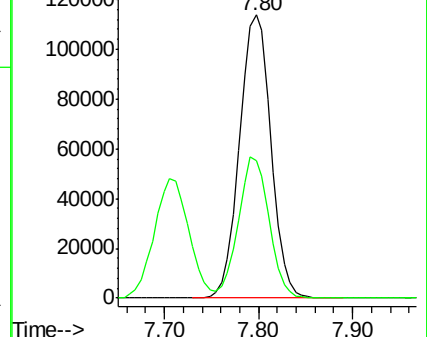
168 100

99 48.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 43.232 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002890.D

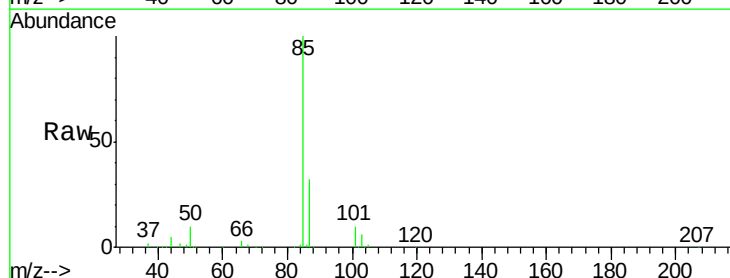
Acq: 11 Jun 2020 15:56

Tgt Ion: 85 Resp: 78684

Ion Ratio Lower Upper

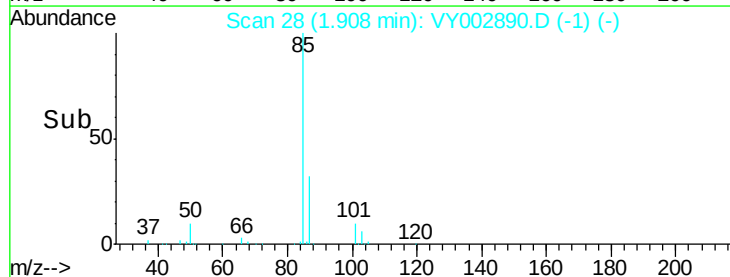
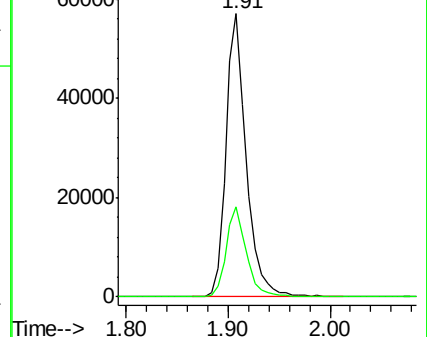
85 100

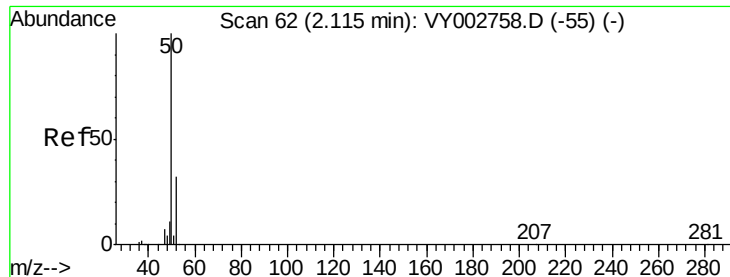
87 32.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)





#3

Chloromethane

Concen: 44.257 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

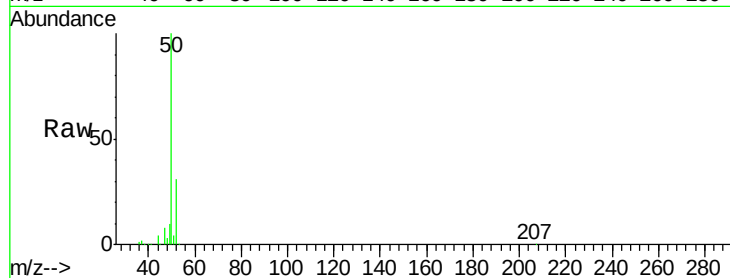
VSTDCCC050EC

Tot Ion: 50 Resp: 89096

Ion Ratio Lower Upper

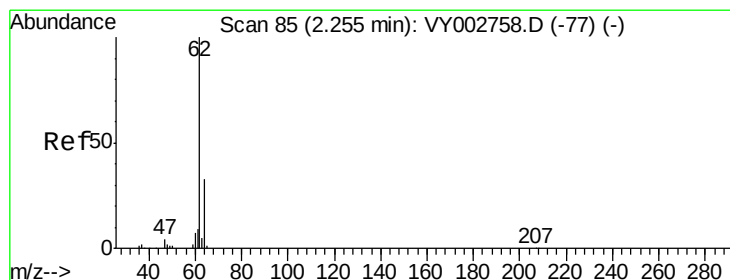
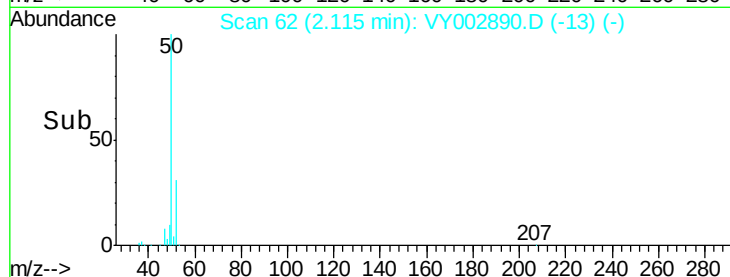
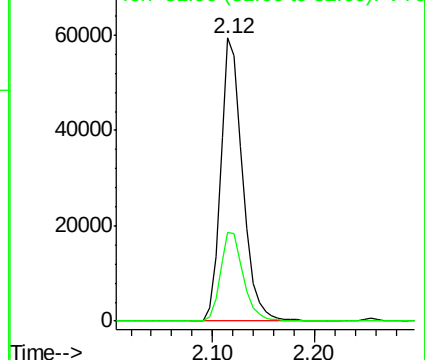
50 100

52 31.2 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: 47.901 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002890.D

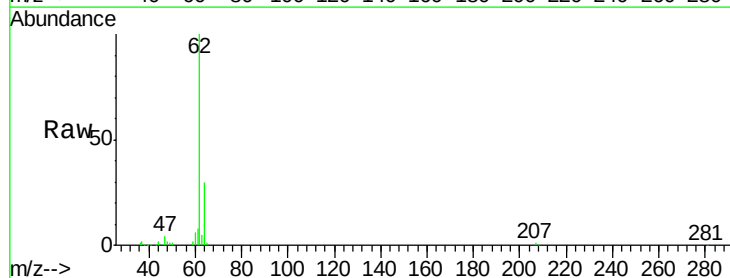
Acq: 11 Jun 2020 15:56

Tgt Ion: 62 Resp: 101925

Ion Ratio Lower Upper

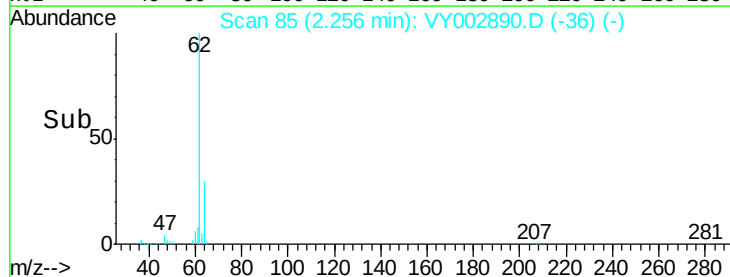
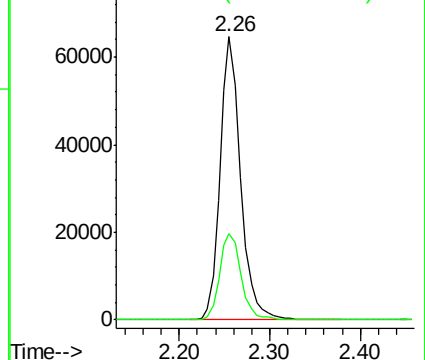
62 100

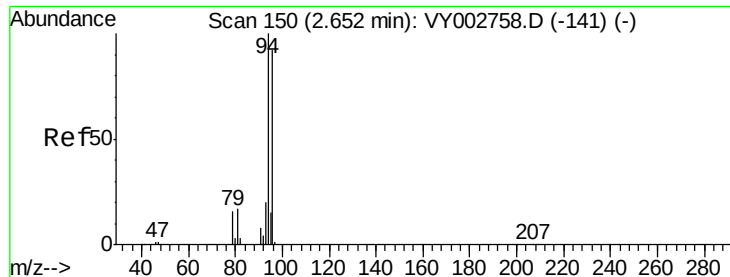
64 30.5 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.172 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

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ClientSampleId :

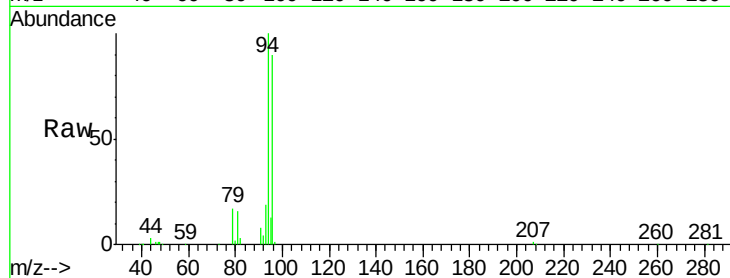
VSTDCCC050EC

Tot Ion: 94 Resp: 73624

Ion Ratio Lower Upper

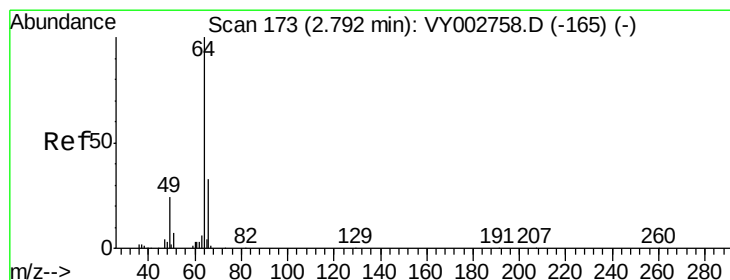
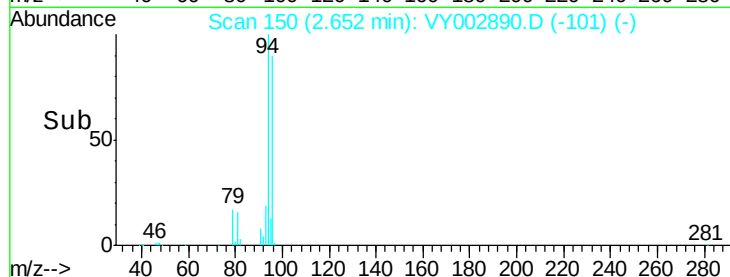
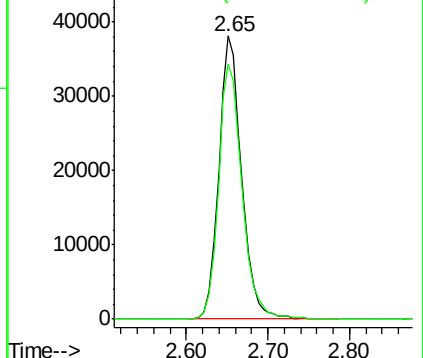
94 100

96 90.2 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: 46.591 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002890.D

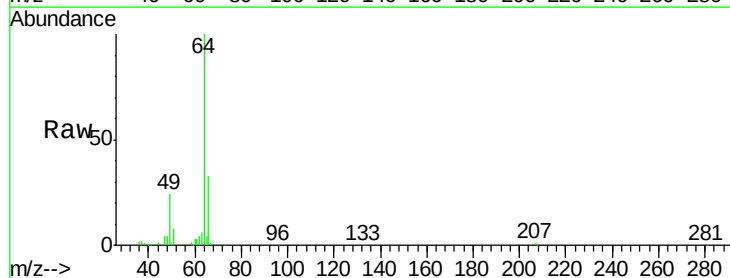
Acq: 11 Jun 2020 15:56

Tgt Ion: 64 Resp: 64266

Ion Ratio Lower Upper

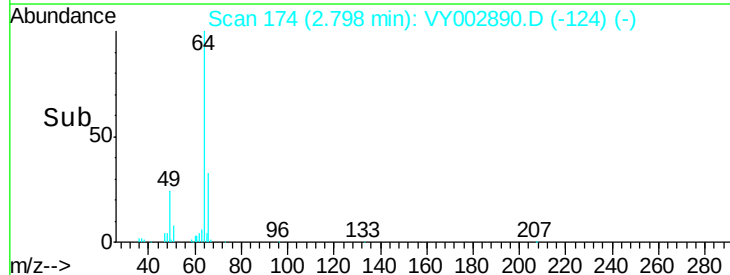
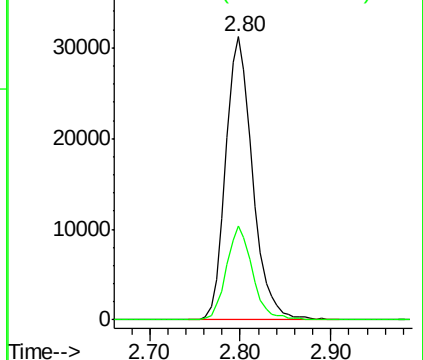
64 100

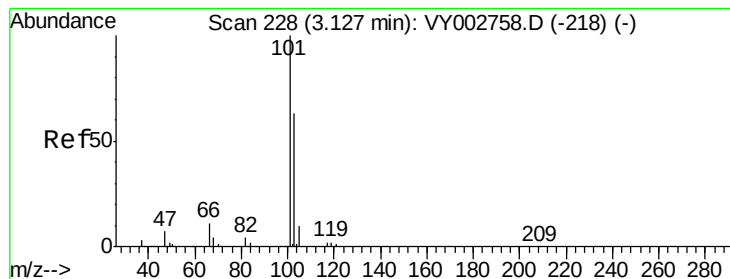
66 33.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



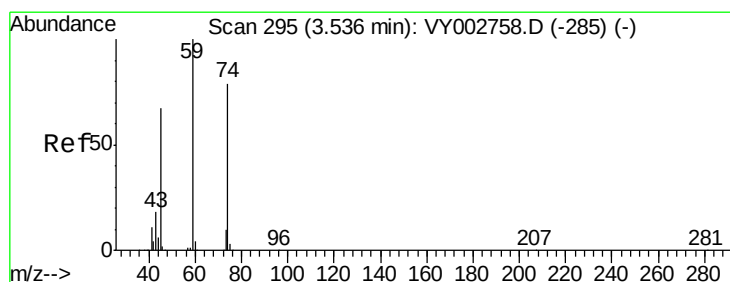
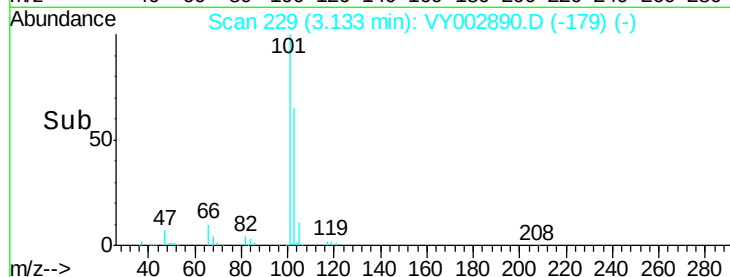
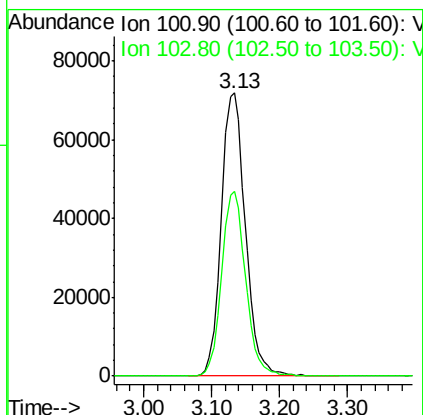
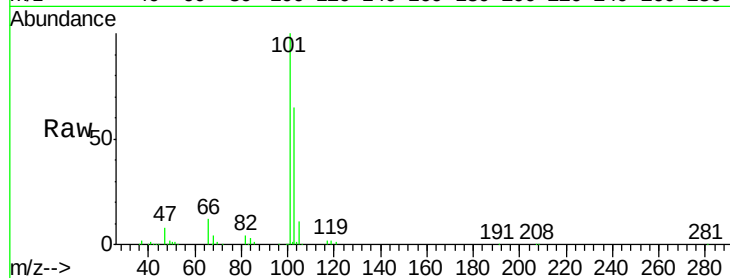


#7

Trichlorofluoromethane
 Concen: 46.947 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Instrument :
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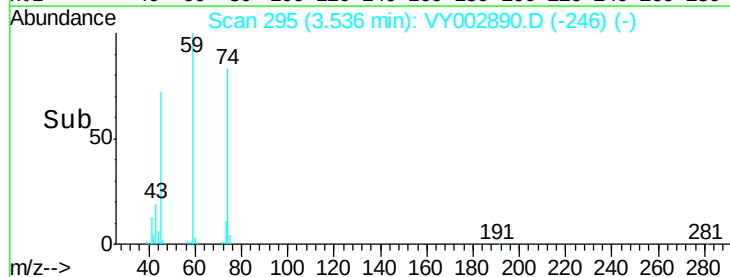
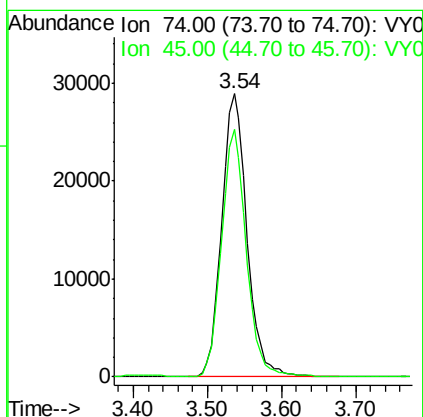
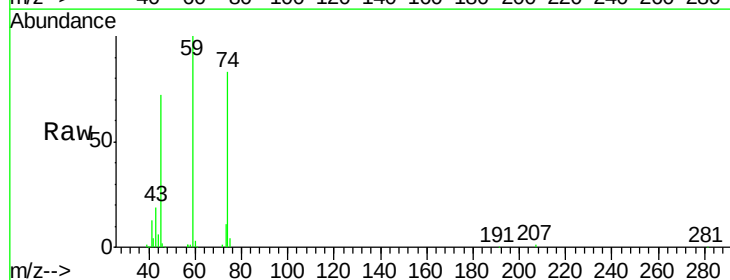
Tot Ion:101 Resp: 176923
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.6 76.0

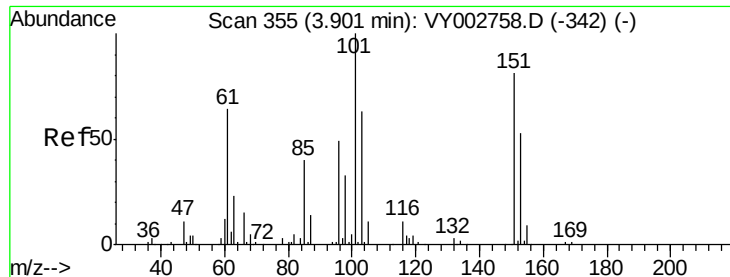


#8

Diethyl Ether
 Concen: 46.538 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Tgt Ion: 74 Resp: 68481
 Ion Ratio Lower Upper
 74 100
 45 85.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.822 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

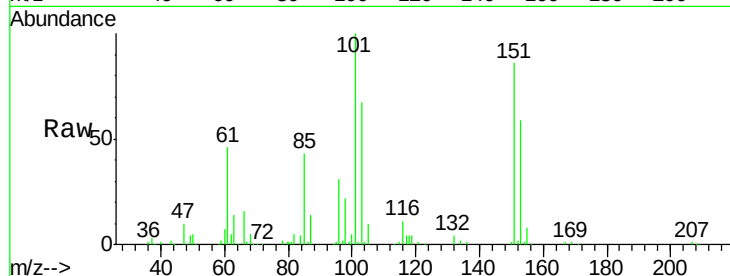
Tot Ion:101 Resp: 109242

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

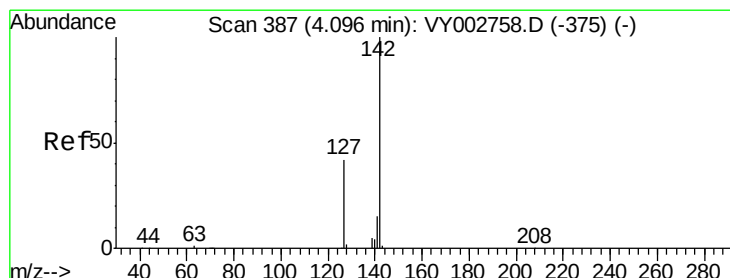
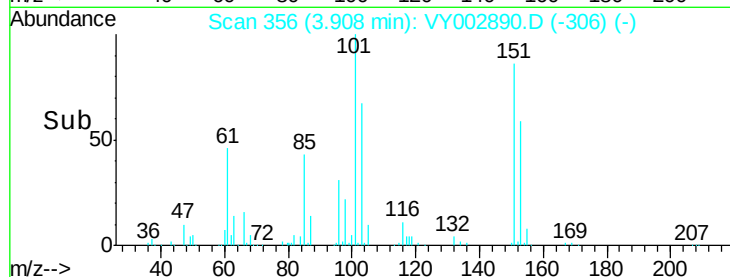
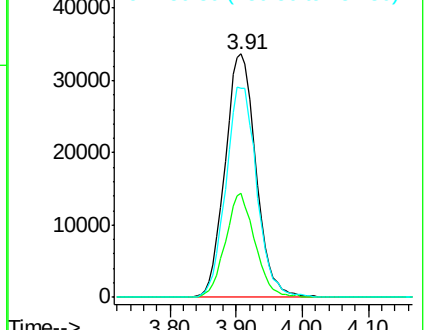
151 86.7 68.0 102.0



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: 46.439 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

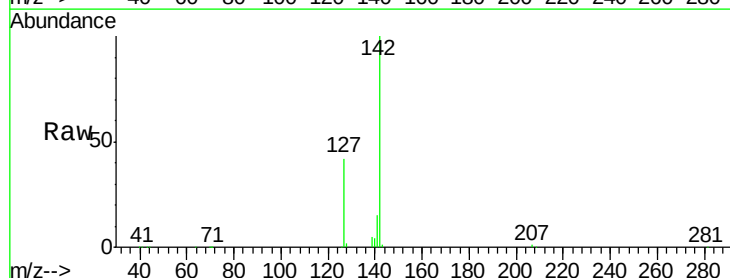
Tgt Ion:142 Resp: 145395

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

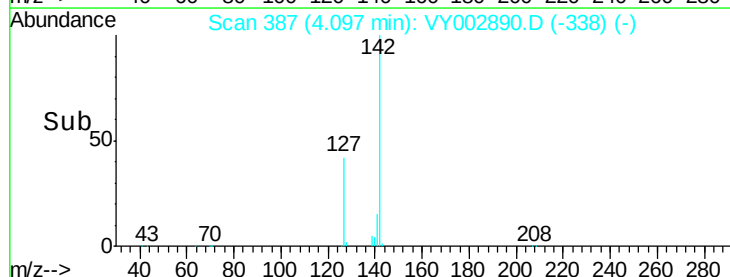
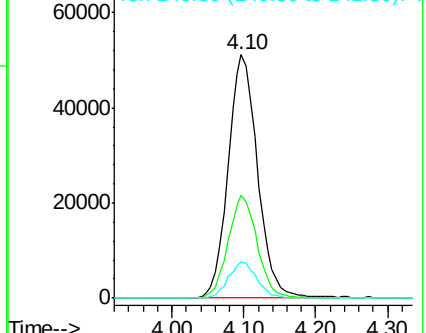
141 14.5 11.5 17.3

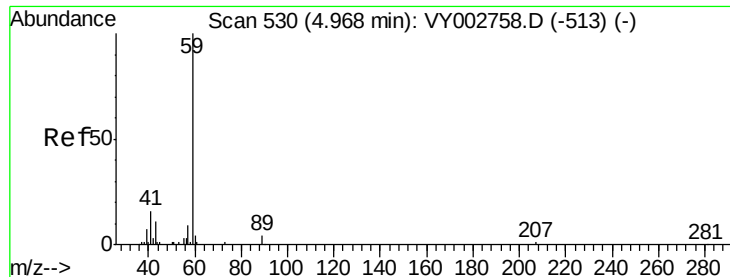


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



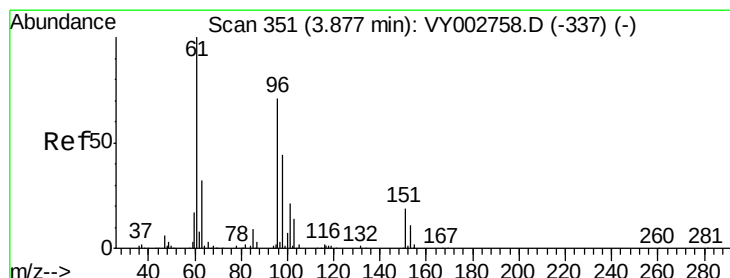
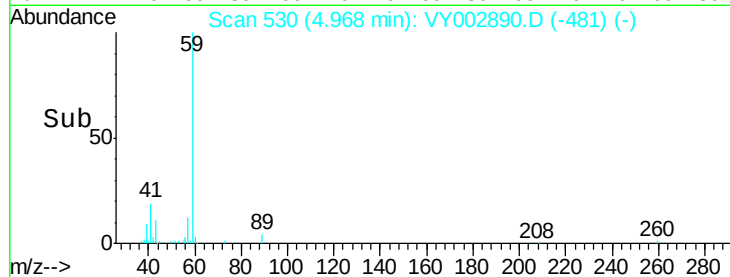
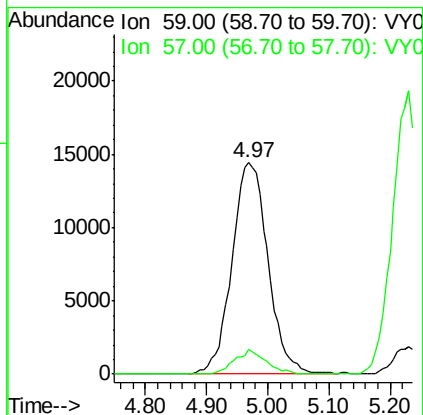
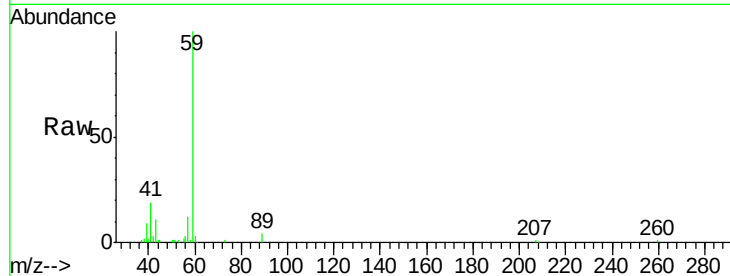


#11

Tert butyl alcohol
 Concen: 237.761 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

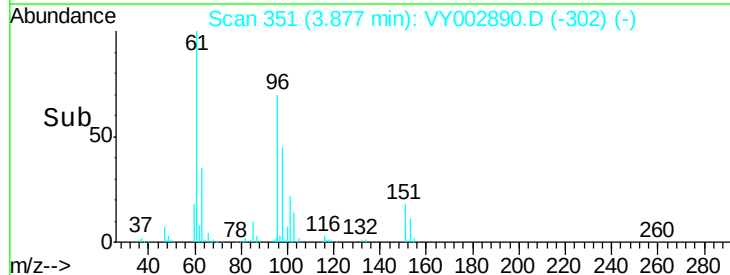
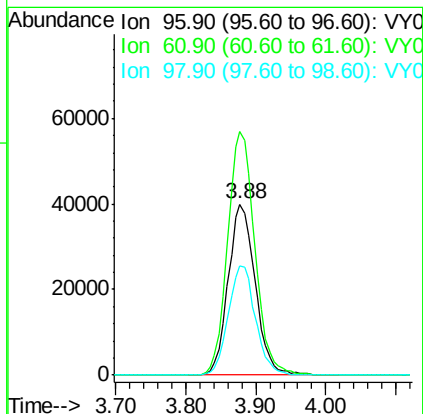
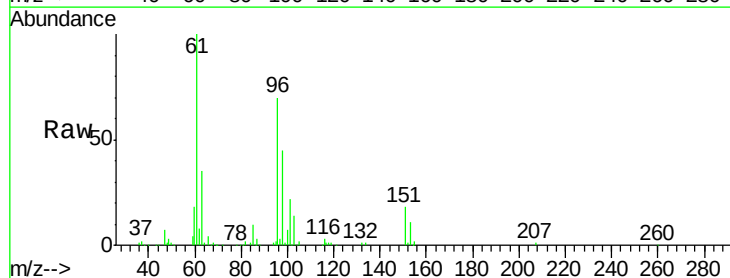
Tot Ion: 59 Resp: 58844
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

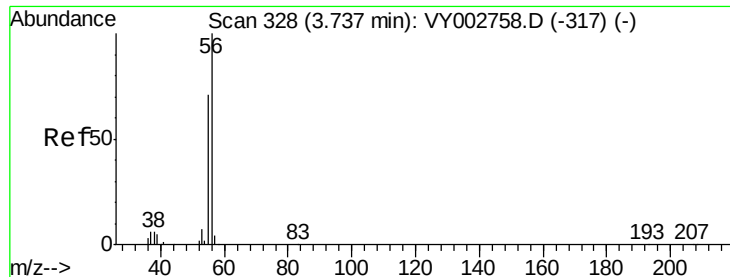


#12

1,1-Dichloroethene
 Concen: 47.681 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Tgt Ion: 96 Resp: 107292
 Ion Ratio Lower Upper
 96 100
 61 142.4 112.6 168.8
 98 63.5 50.0 75.0





#13

Acrolein

Concen: 223.793 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

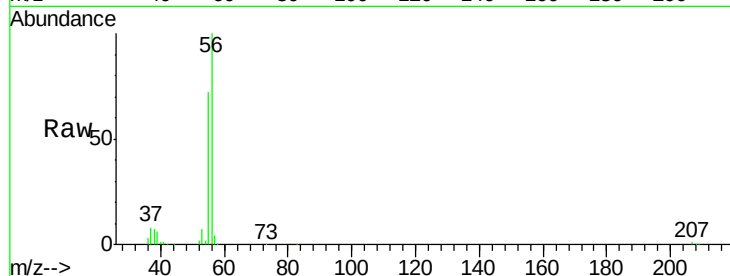
VSTDCCC050EC

Tot Ion: 56 Resp: 60232

Ion Ratio Lower Upper

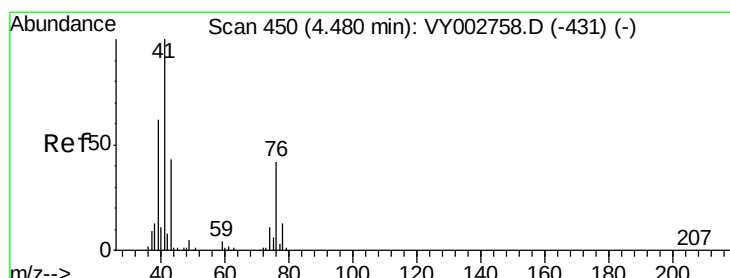
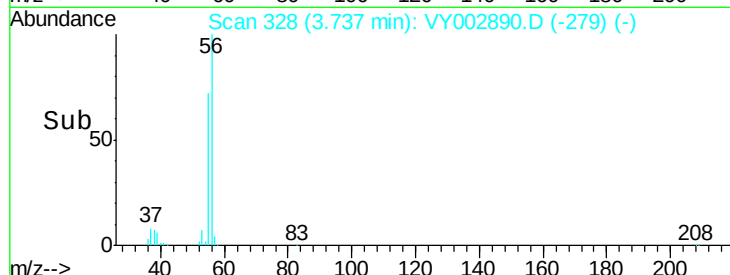
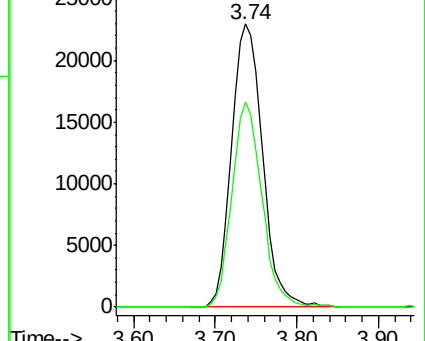
56 100

55 69.6 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 49.041 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

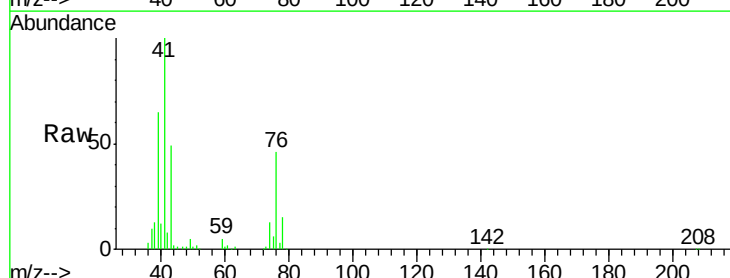
Tgt Ion: 41 Resp: 158270

Ion Ratio Lower Upper

41 100

39 62.2 49.9 74.9

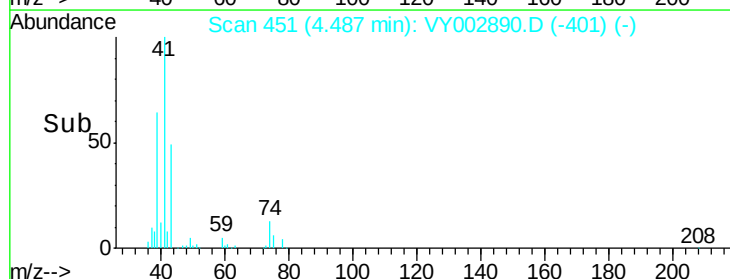
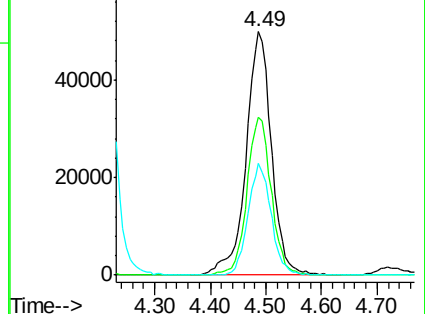
76 41.7 33.2 49.8

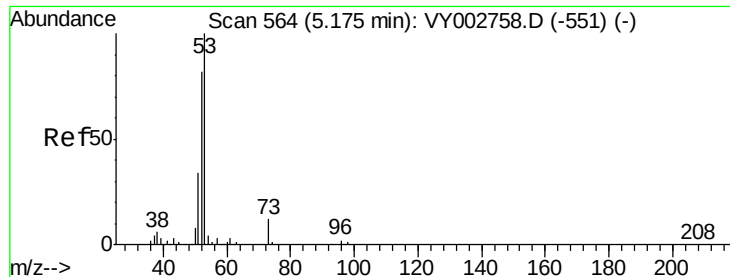


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 258.643 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

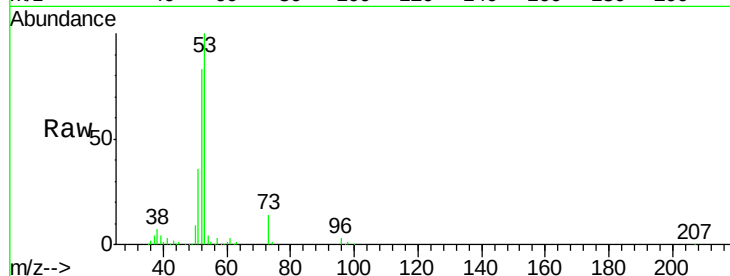
Tot Ion: 53 Resp: 171699

Ion Ratio Lower Upper

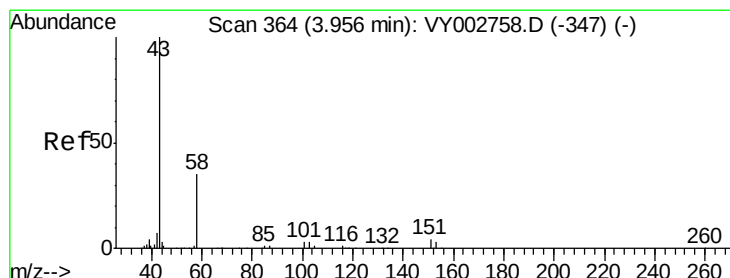
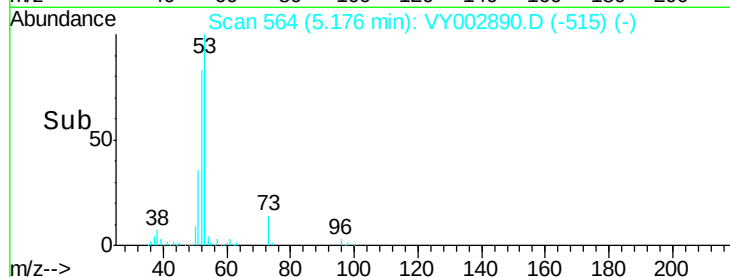
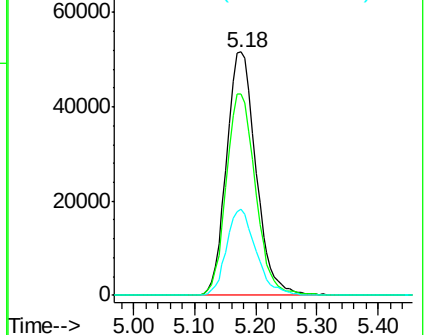
53 100

52 82.0 65.3 97.9

51 35.5 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: 253.385 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002890.D

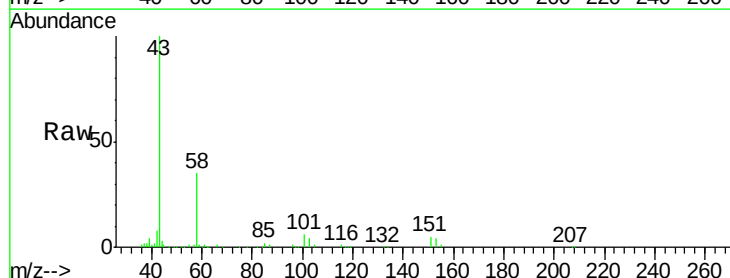
Acq: 11 Jun 2020 15:56

Tgt Ion: 43 Resp: 136457

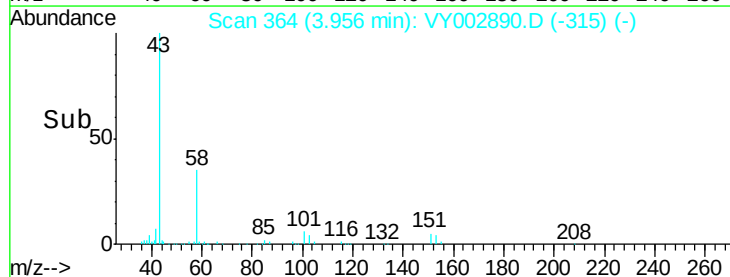
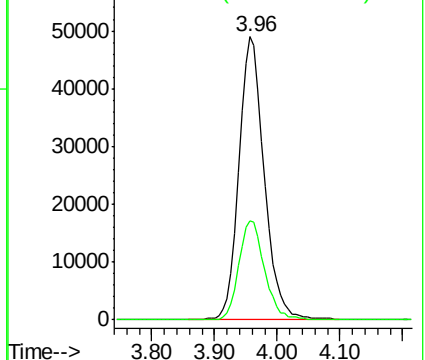
Ion Ratio Lower Upper

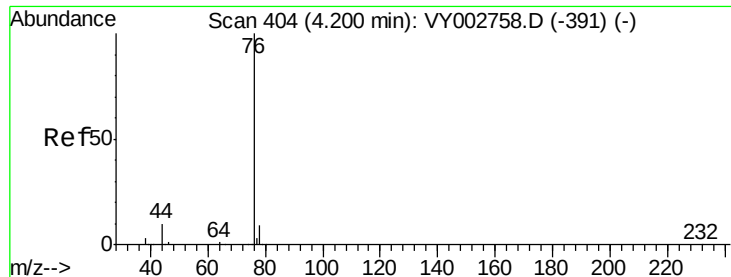
43 100

58 35.0 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: 42.693 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

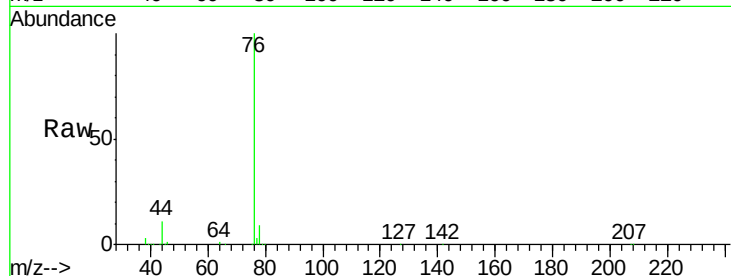
VSTDCCC050EC

Tot Ion: 76 Resp: 290299

Ion Ratio Lower Upper

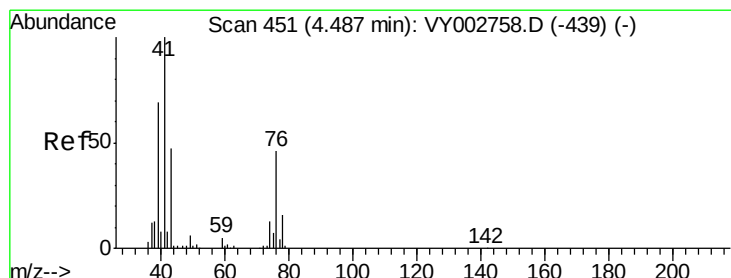
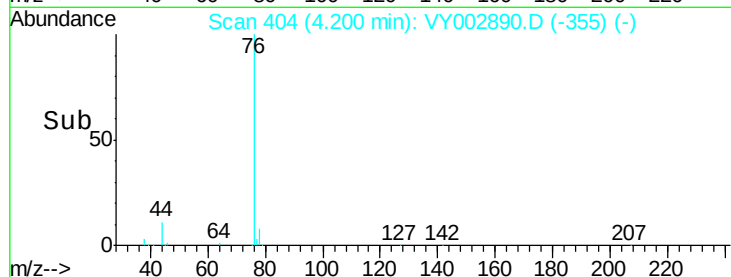
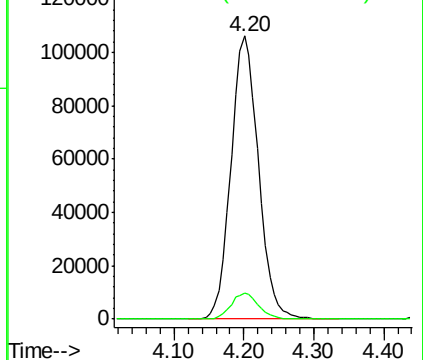
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002890.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY002890.D (-355) (-)



#18

Methyl Acetate

Concen: 53.093 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002890.D

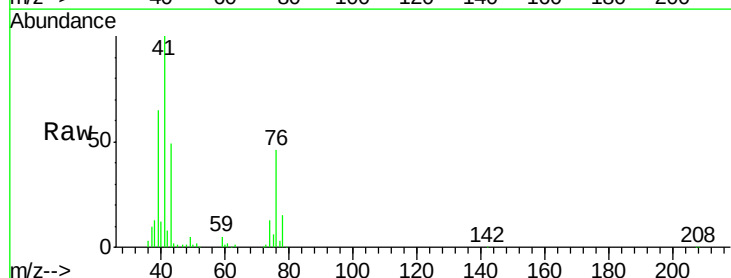
Acq: 11 Jun 2020 15:56

Tgt Ion: 43 Resp: 71665

Ion Ratio Lower Upper

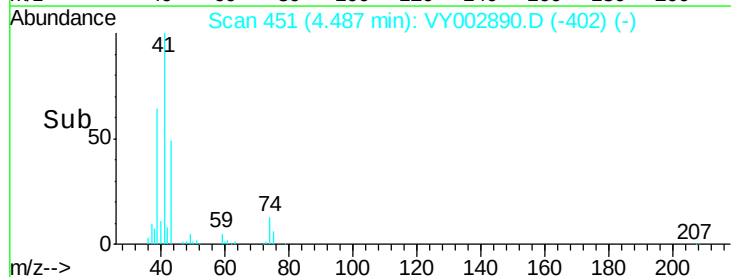
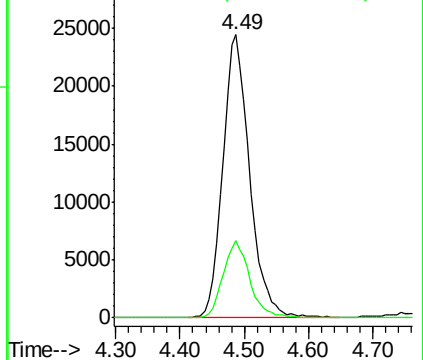
43 100

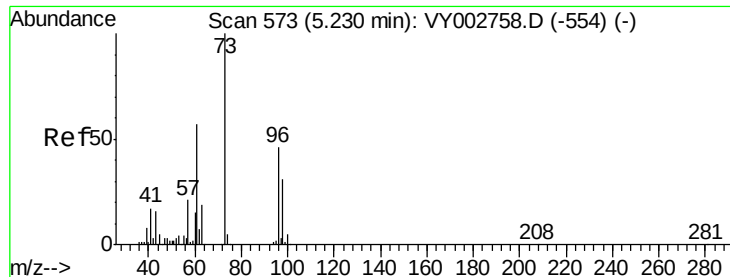
74 27.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY002890.D (-402) (-)

Ion 74.00 (73.70 to 74.70): VY002890.D (-402) (-)

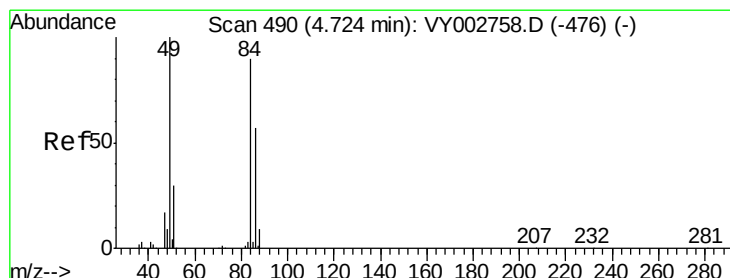
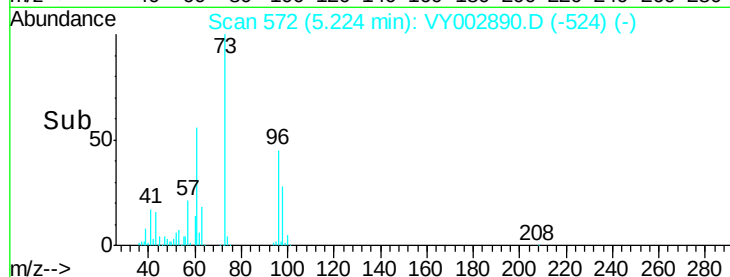
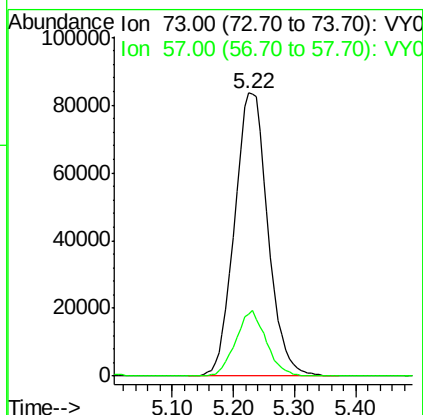
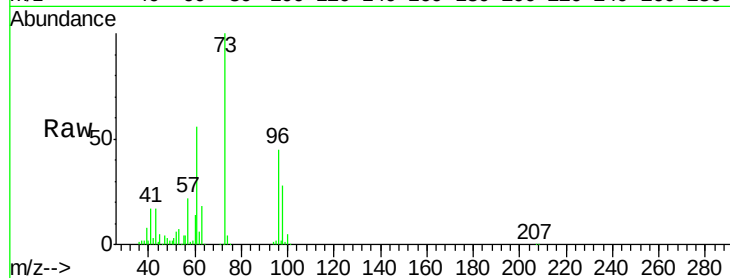




#19
Methyl tert-butyl Ether
Concen: 50.623 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

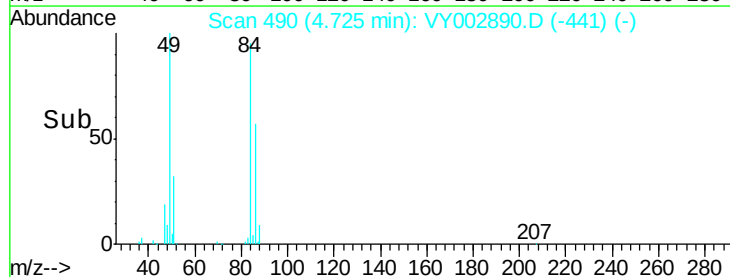
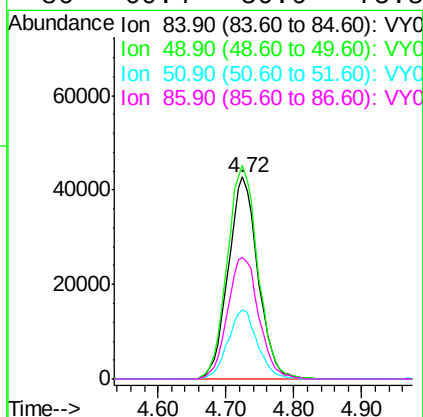
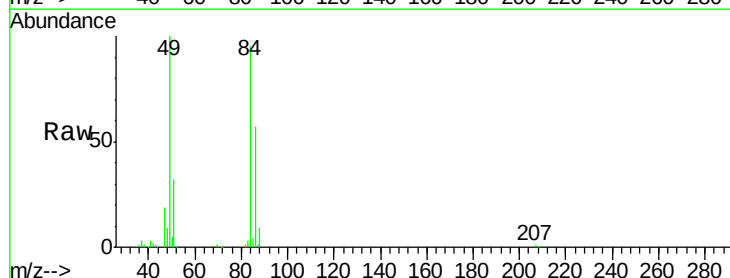
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

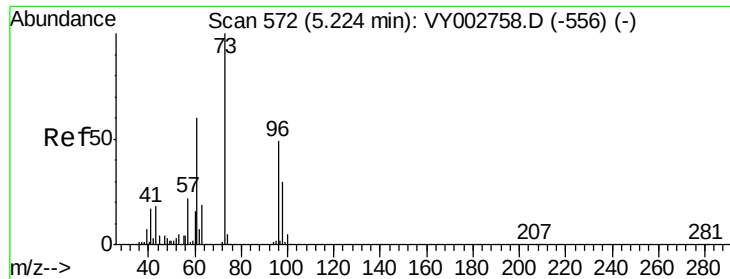
Tot Ion: 73 Resp: 314471
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4



#20
Methylene Chloride
Concen: 49.290 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion: 84 Resp: 129721
Ion Ratio Lower Upper
84 100
49 105.8 88.5 132.7
51 34.3 26.8 40.2
86 60.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 47.028 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

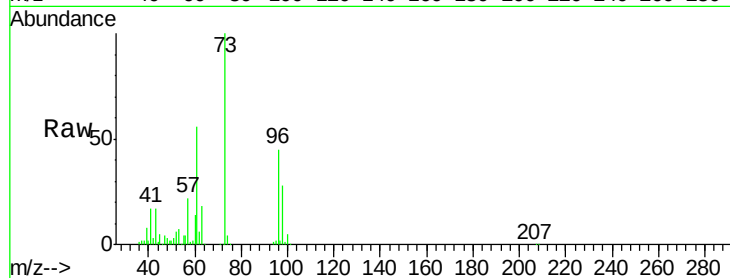
Tot Ion: 96 Resp: 119007

Ion Ratio Lower Upper

96 100

61 124.0 96.8 145.2

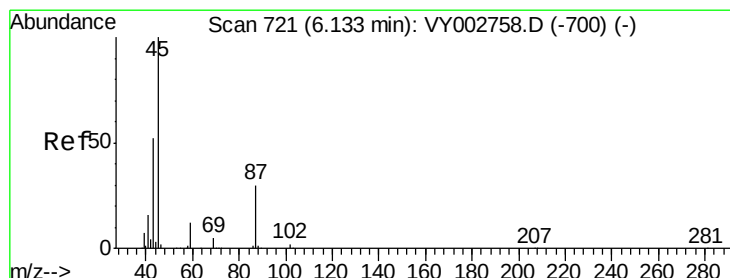
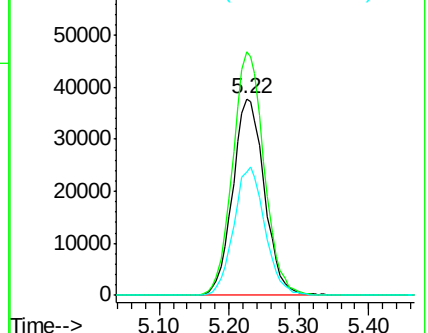
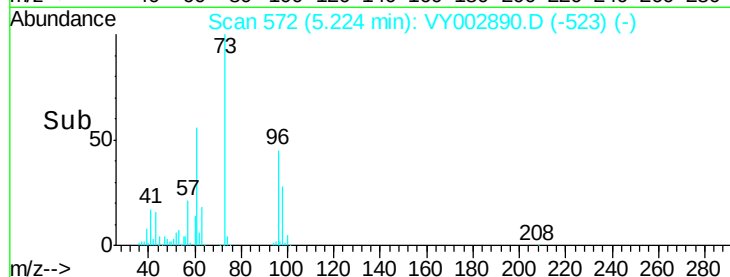
98 62.6 49.4 74.0



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: 50.485 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Tgt Ion: 45 Resp: 338578

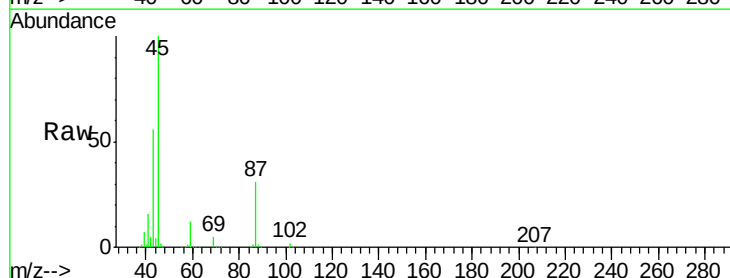
Ion Ratio Lower Upper

45 100

43 56.0 41.7 62.5

87 30.9 24.2 36.2

59 12.4 9.8 14.8

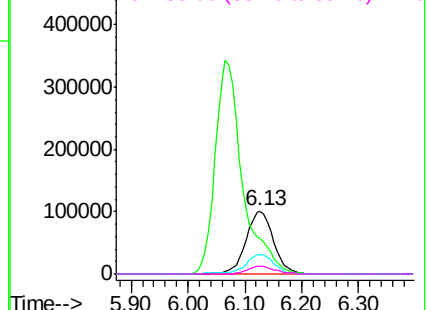
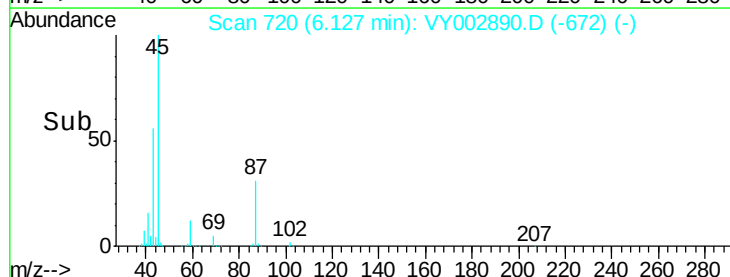


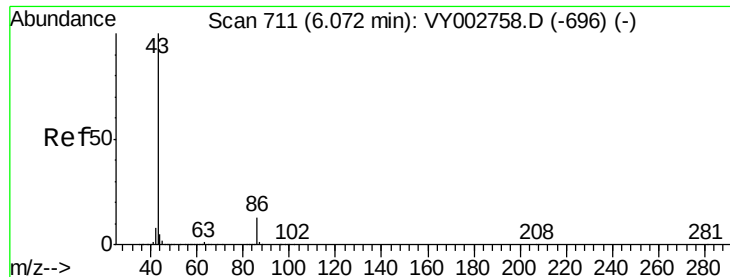
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 258.466 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

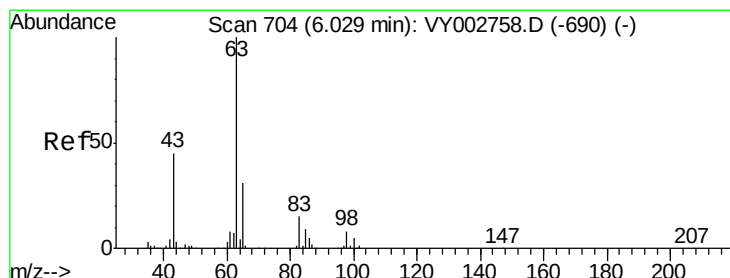
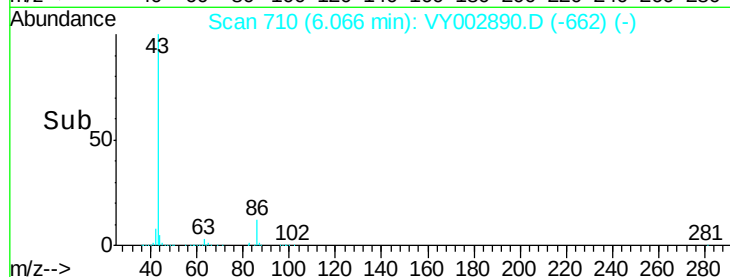
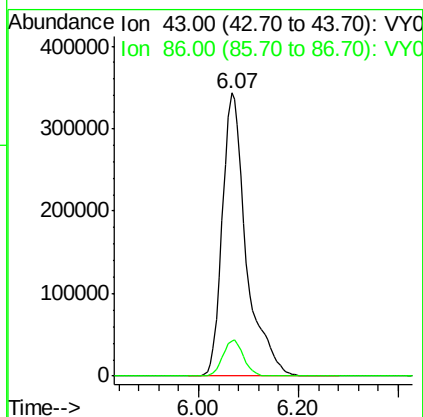
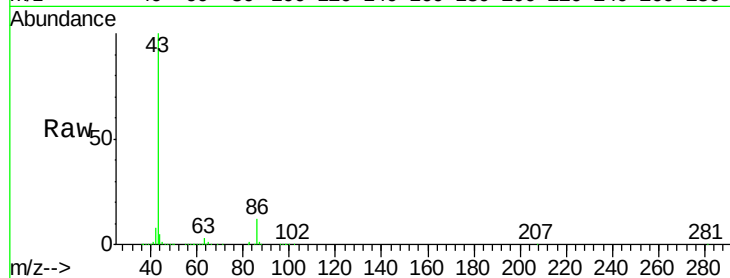
VSTDCCC050EC

Tot Ion: 43 Resp: 1144437

Ion Ratio Lower Upper

43 100

86 12.4 10.2 15.2



#24

1,1-Dichloroethane

Concen: 50.195 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

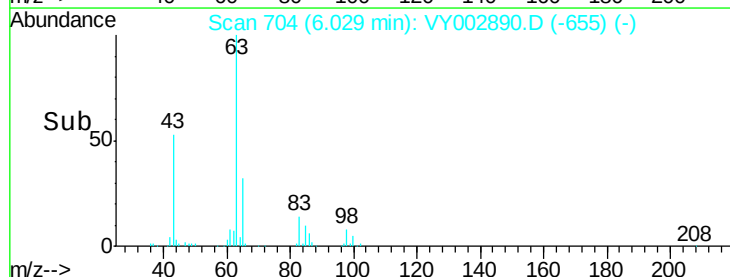
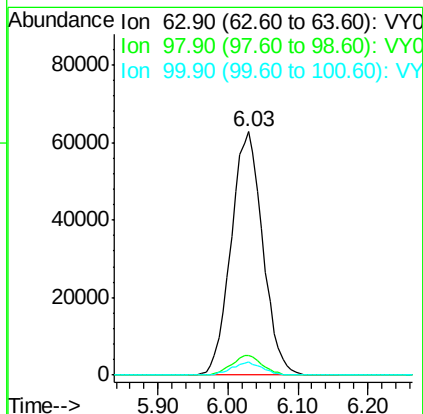
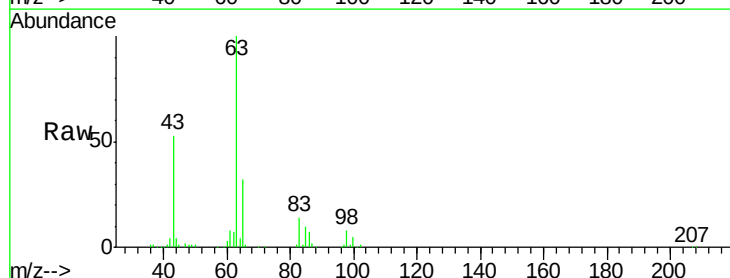
Tgt Ion: 63 Resp: 196922

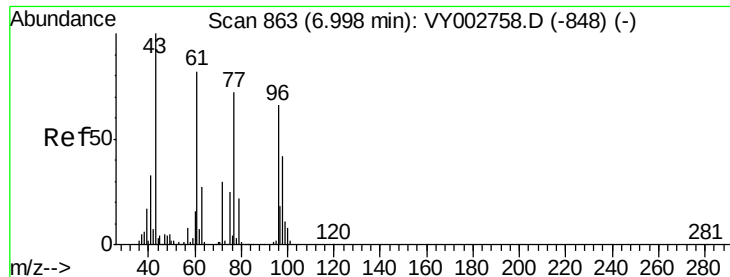
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 249.139 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

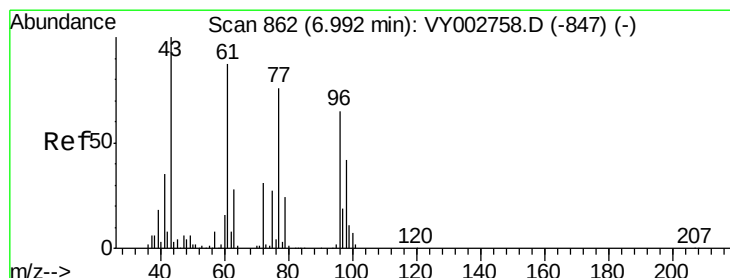
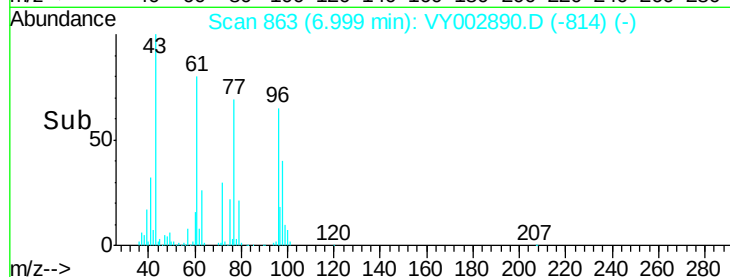
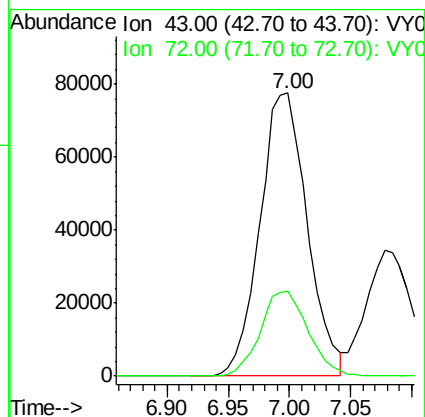
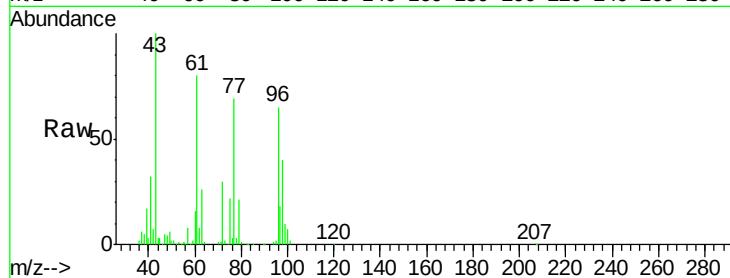
VSTDCCC050EC

Tot Ion: 43 Resp: 209038

Ion Ratio Lower Upper

43 100

72 29.8 23.9 35.9



#26

2,2-Dichloropropane

Concen: 47.953 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002890.D

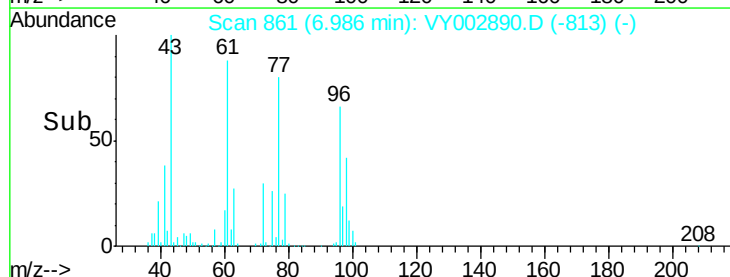
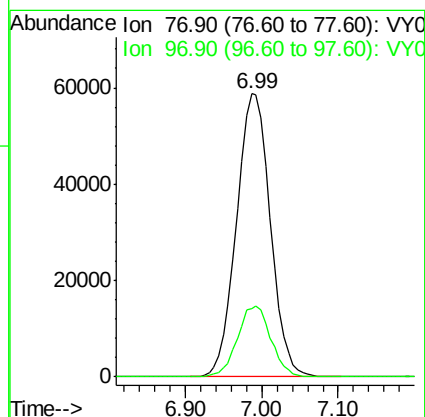
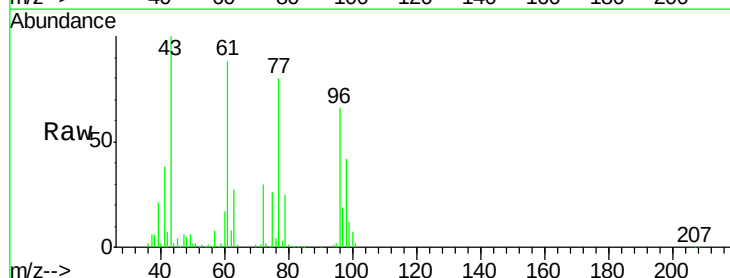
Acq: 11 Jun 2020 15:56

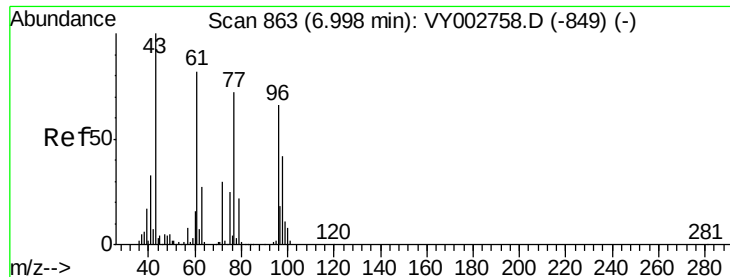
Tgt Ion: 77 Resp: 180424

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6



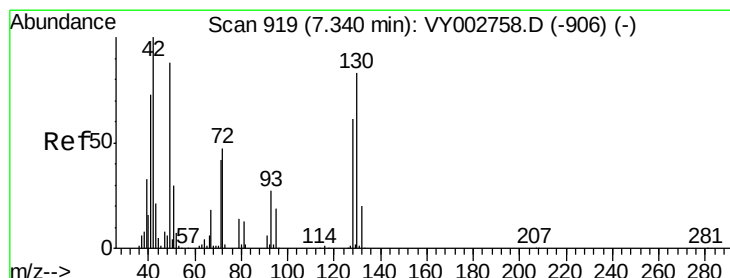
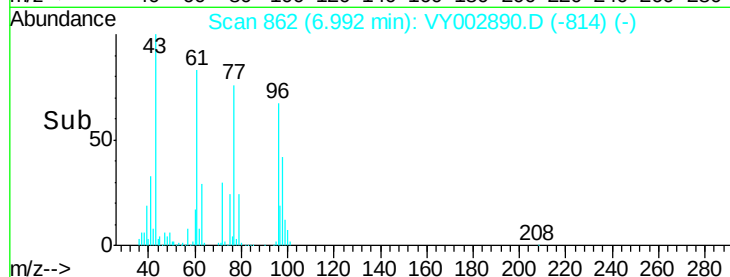
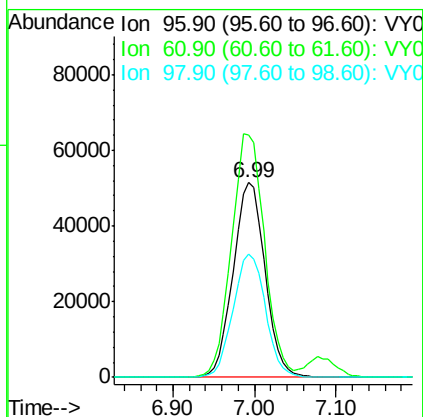
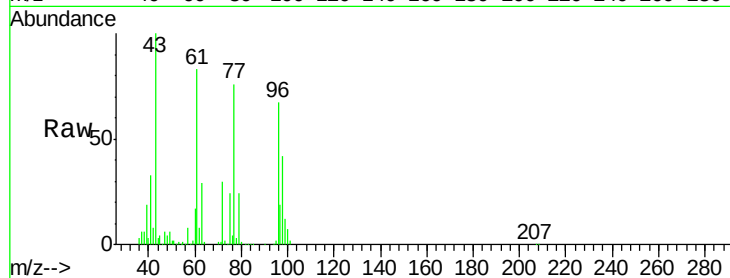


#27

cis-1,2-Dichloroethene
 Concen: 49.246 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

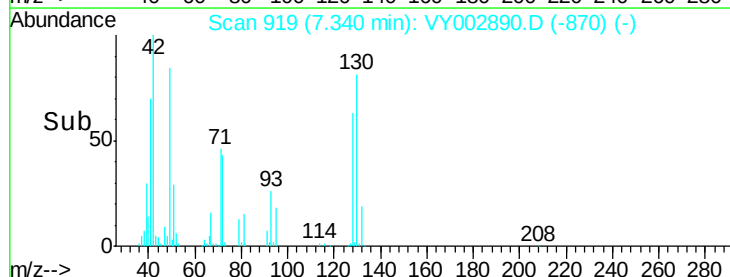
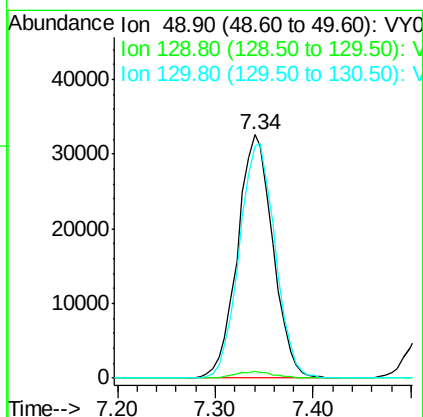
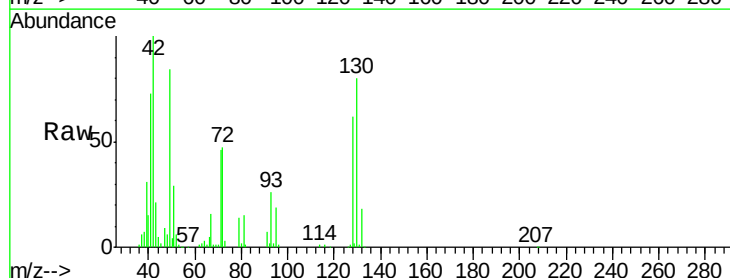
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	260.2
98	64.3	0.0	128.2

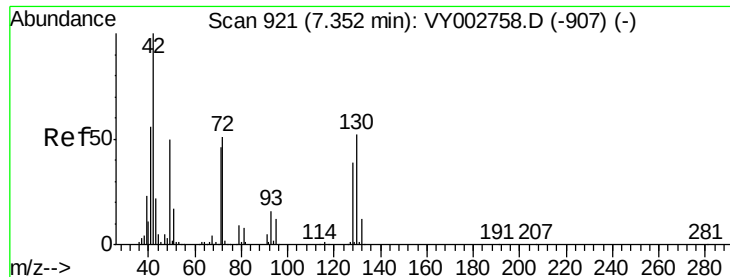


#28

Bromochloromethane
 Concen: 50.699 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	97.8	77.1	115.7

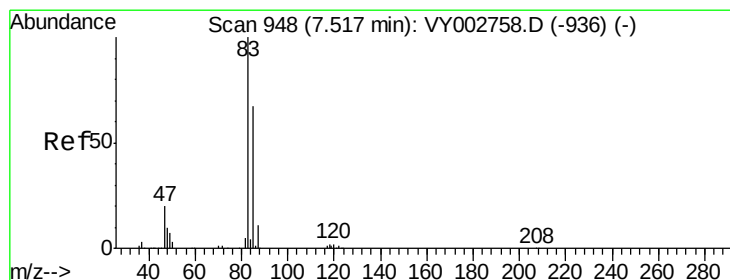
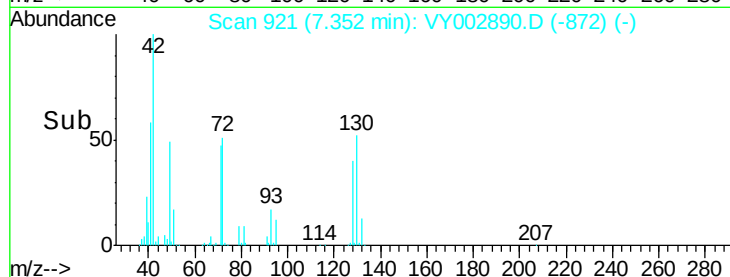
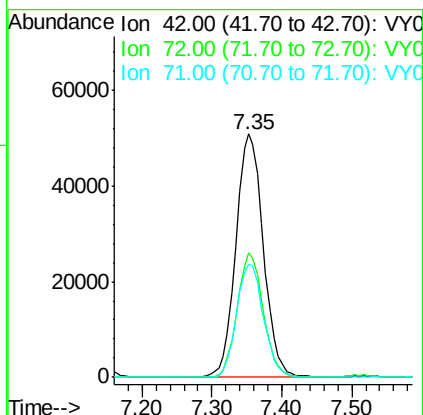
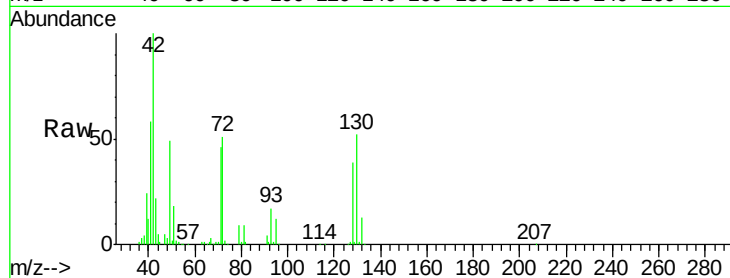




#29
Tetrahydrofuran
Concen: 253.837 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

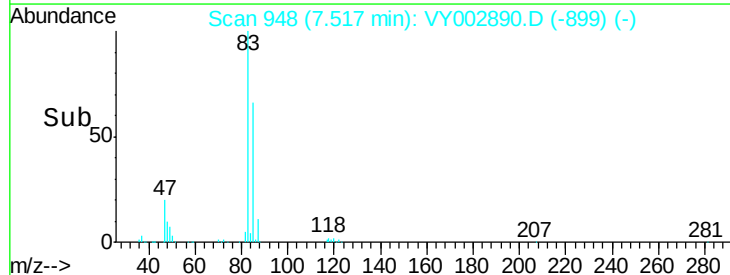
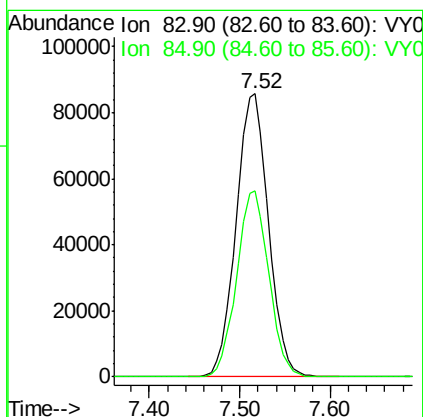
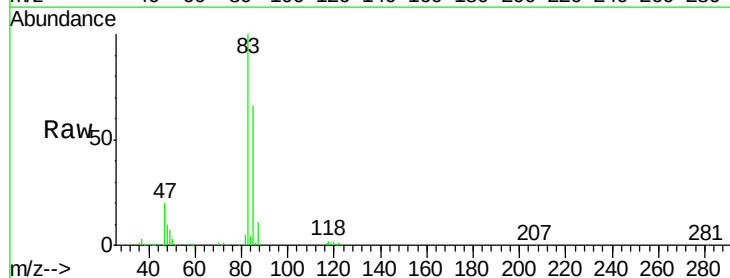
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050EC

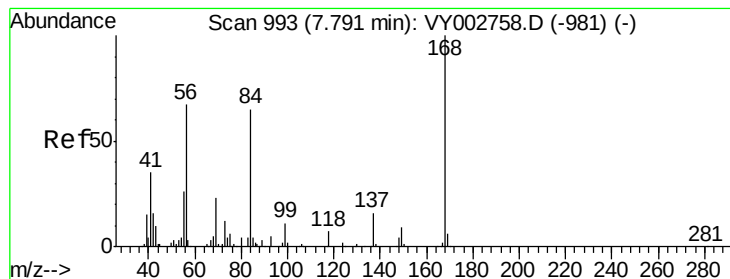
Tot Ion: 42 Resp: 138535
Ion Ratio Lower Upper
42 100
72 48.4 38.6 58.0
71 45.5 35.8 53.8



#30
Chloroform
Concen: 50.883 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion: 83 Resp: 211825
Ion Ratio Lower Upper
83 100
85 65.6 53.8 80.8





#31

Cyclohexane

Concen: 43.520 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

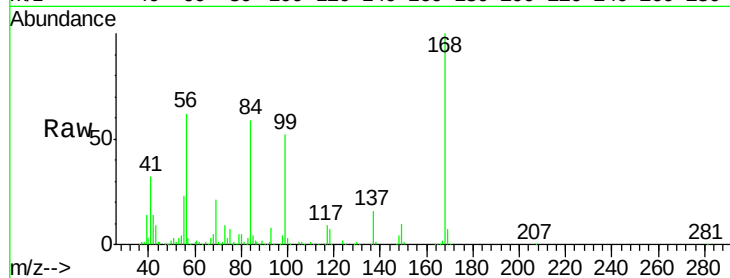
Tot Ion: 56 Resp: 169515

Ion Ratio Lower Upper

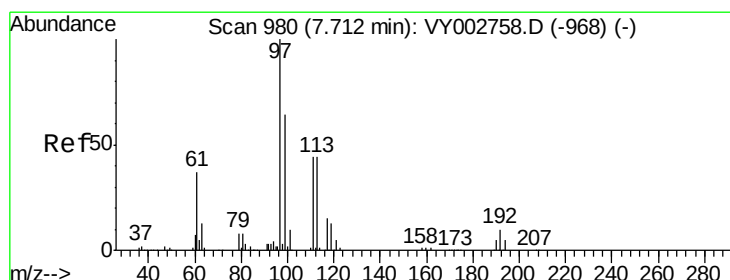
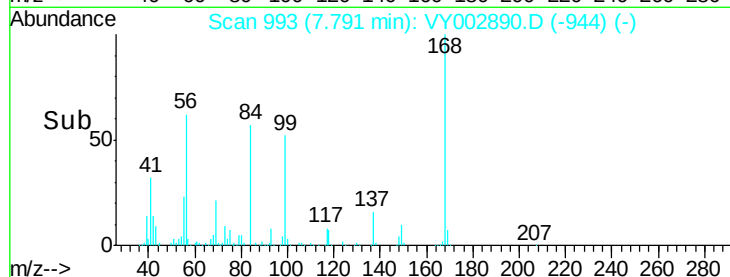
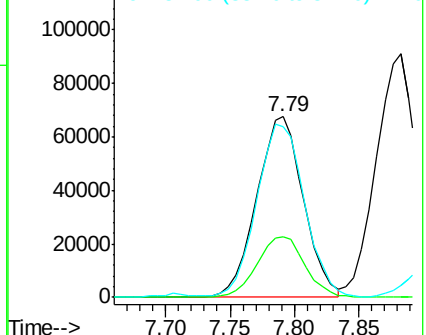
56 100

69 34.0 28.0 42.0

84 93.6 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: 49.116 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

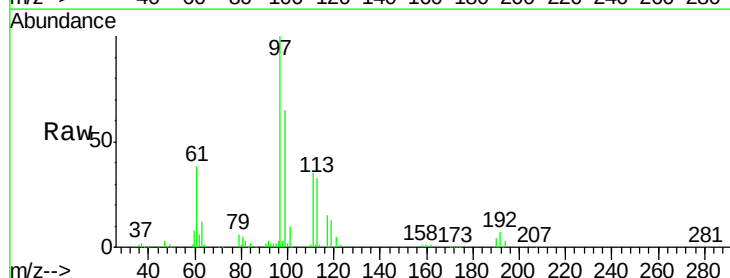
Tgt Ion: 97 Resp: 190537

Ion Ratio Lower Upper

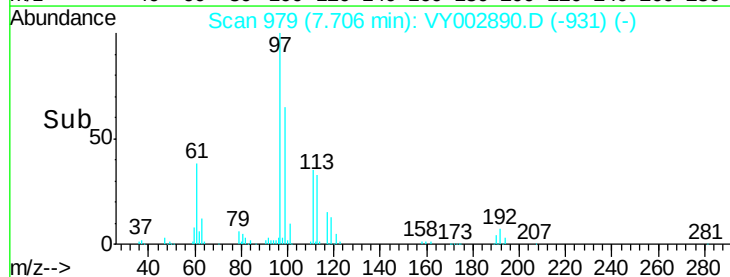
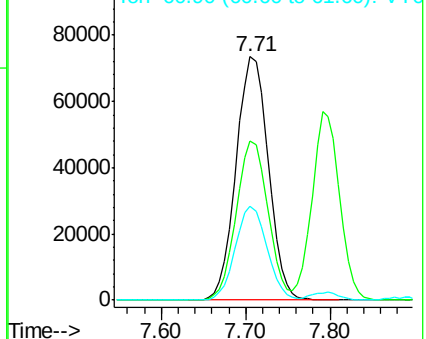
97 100

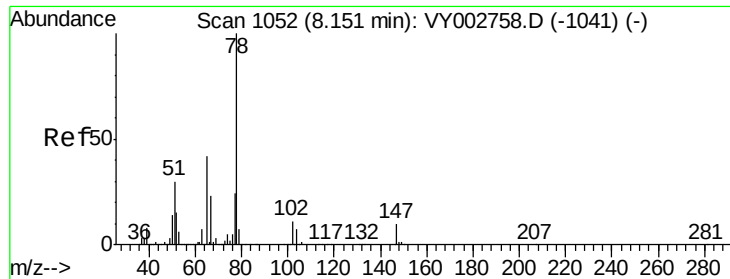
99 64.6 51.4 77.0

61 37.8 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

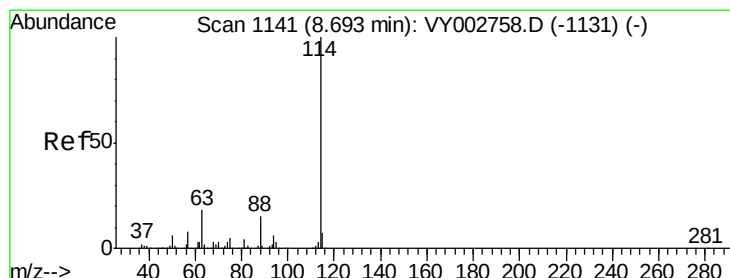
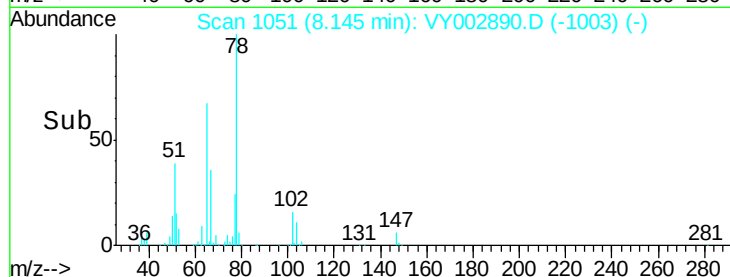
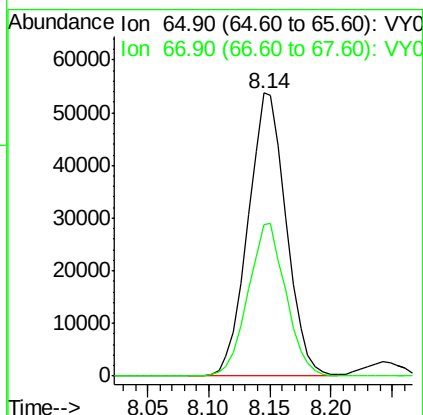
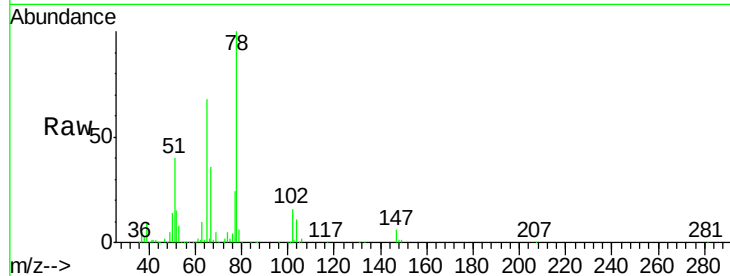




#33
 1,2-Dichloroethane-d4
 Concen: 50.771 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

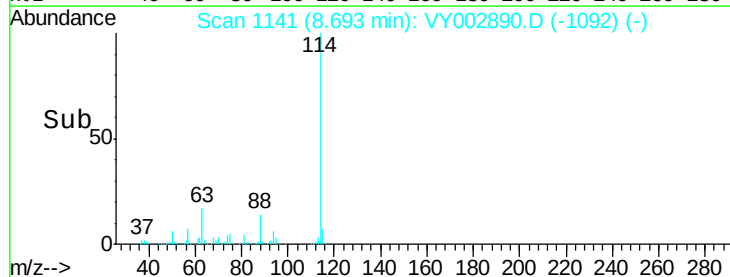
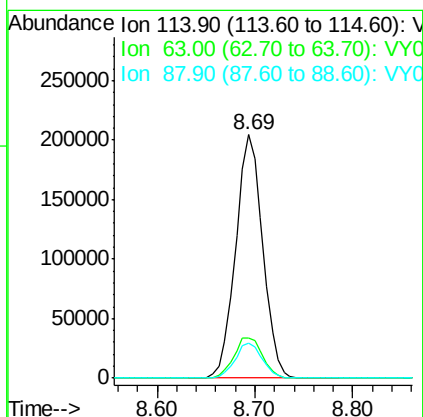
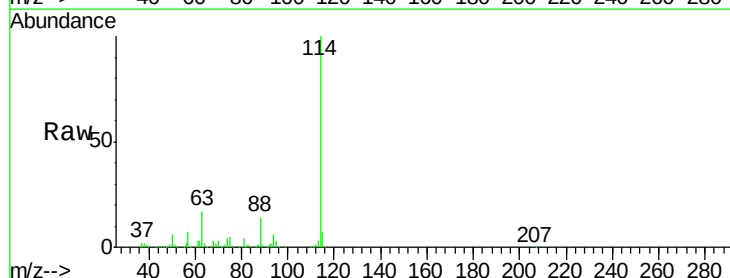
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

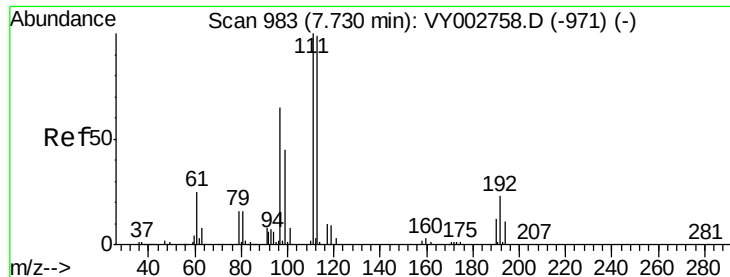
Tot Ion: 65 Resp: 116604
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Tgt Ion: 114 Resp: 391607
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.2
 88 14.3 0.0 29.2

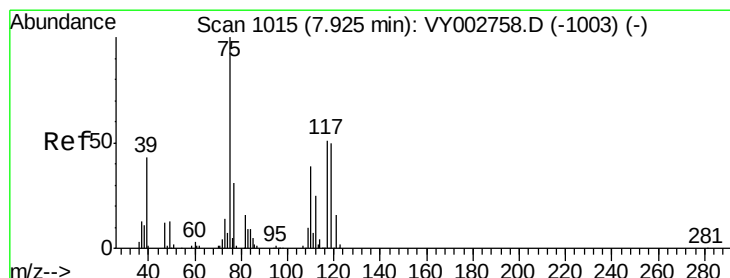
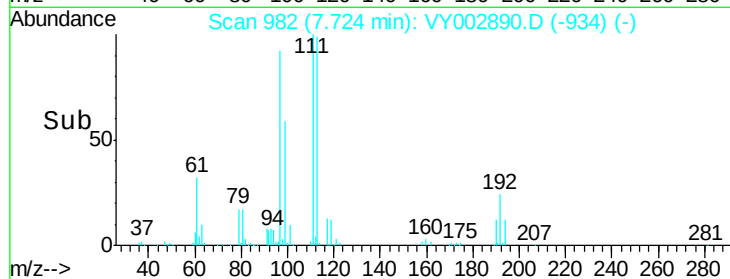
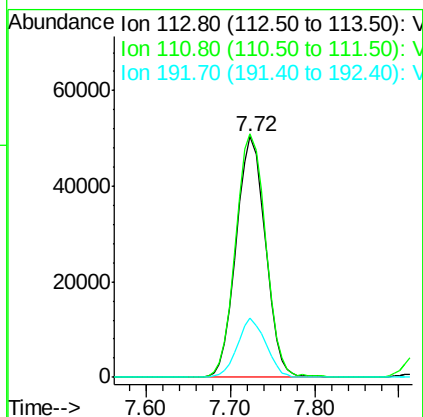
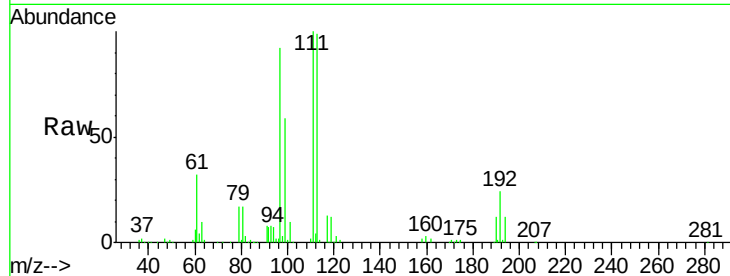




#35
 Dibromofluoromethane
 Concen: 51.495 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

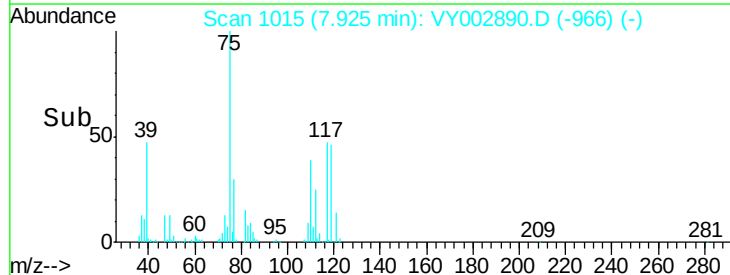
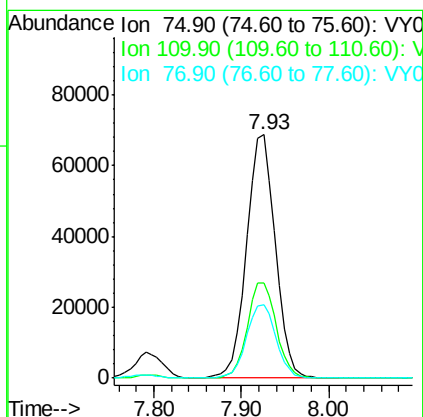
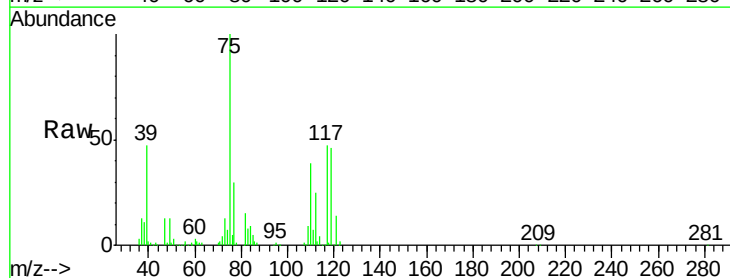
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

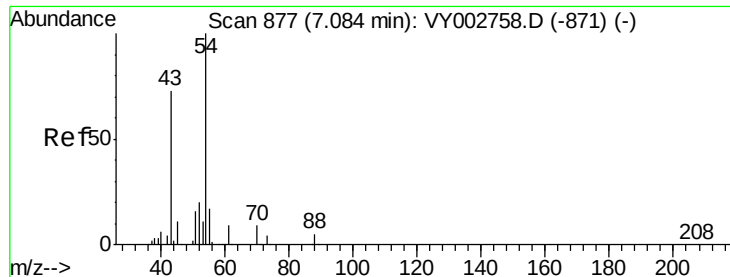
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	23.6	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 47.546 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	19.3	57.9
77	31.1	24.8	37.2

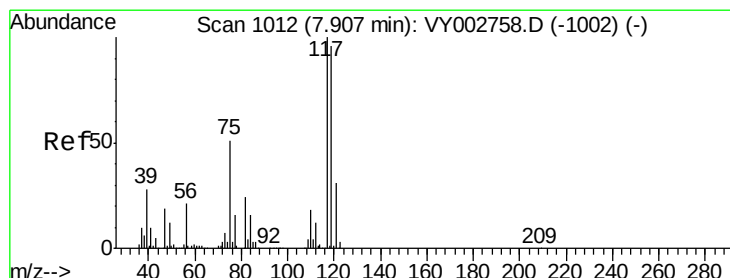
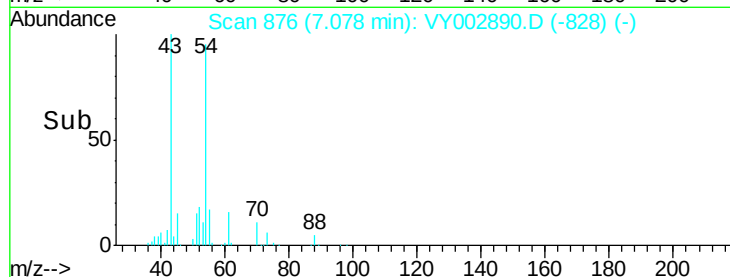
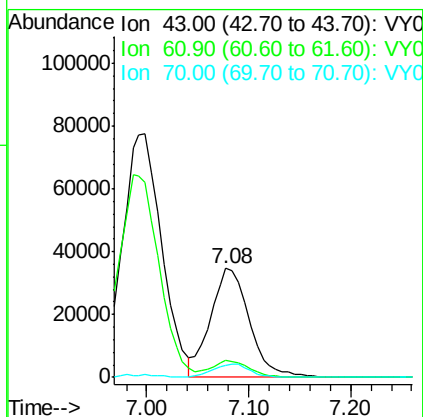
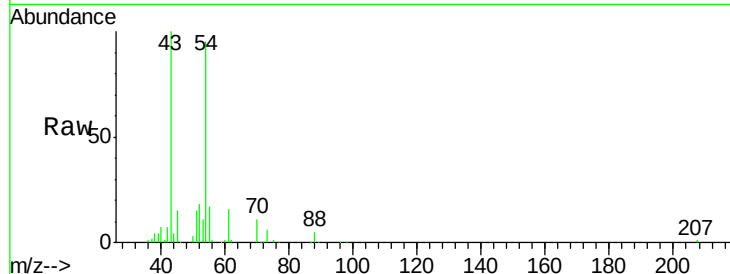




#37
Ethyl Acetate
Concen: 51.082 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

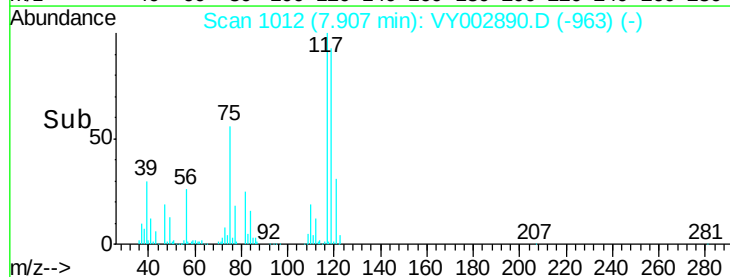
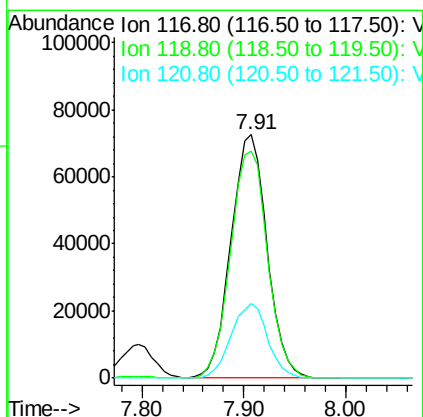
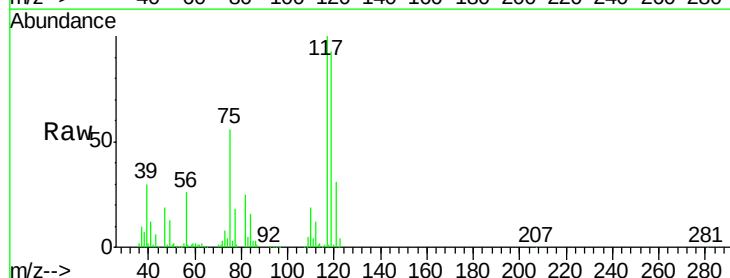
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

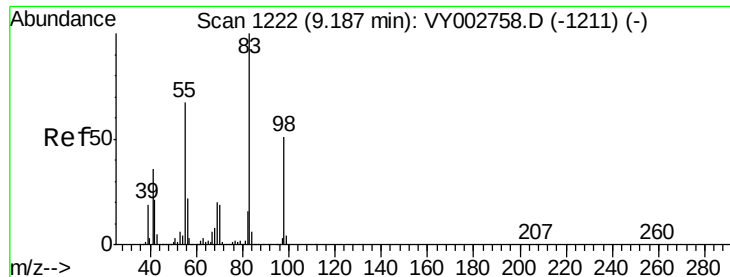
Tot Ion: 43 Resp: 91682
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 48.596 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion: 117 Resp: 178085
Ion Ratio Lower Upper
117 100
119 93.5 76.8 115.2
121 30.8 24.8 37.2

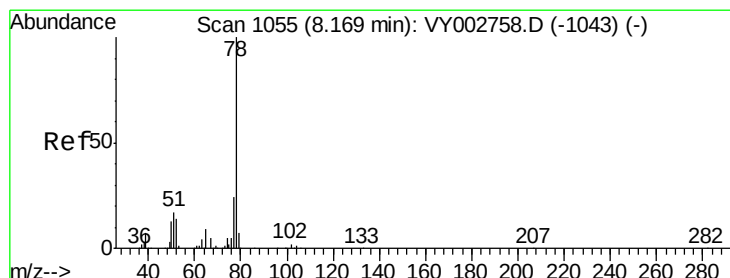
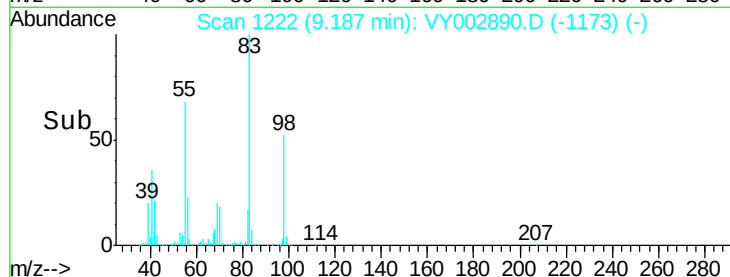
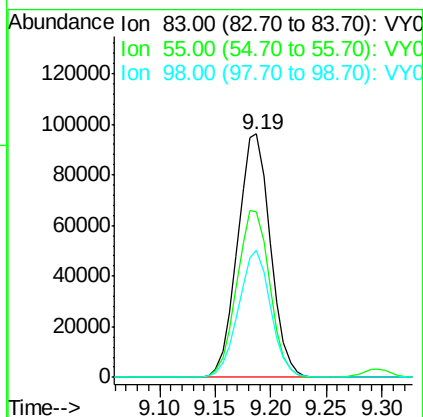
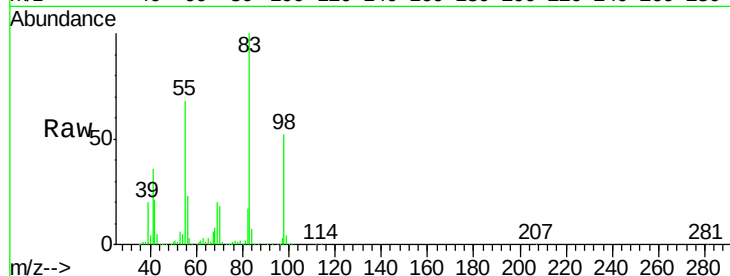




#39
Methylvlcyclohexane
Concen: 45.301 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

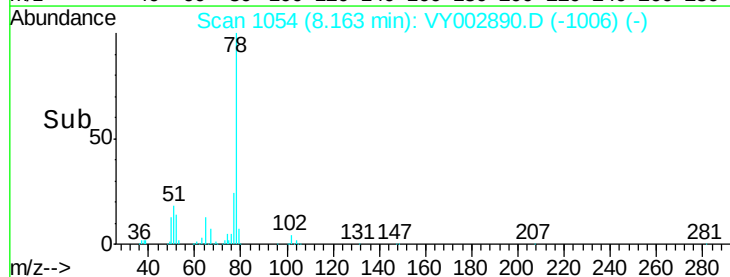
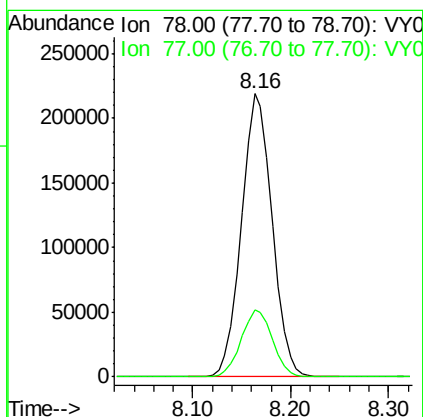
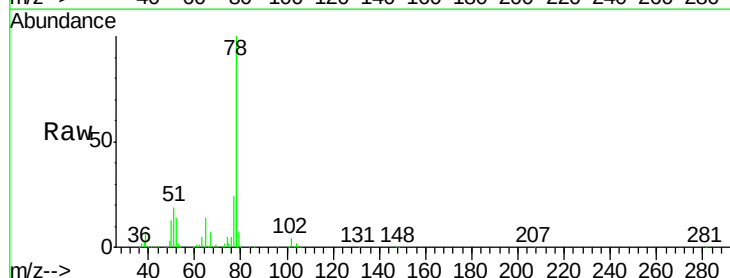
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

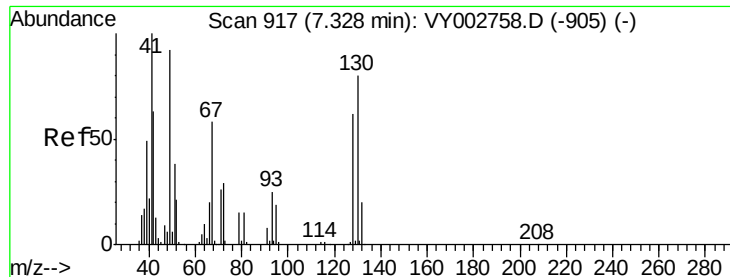
Tot Ion: 83 Resp: 196974
Ion Ratio Lower Upper
83 100
55 68.2 53.3 79.9
98 52.3 41.1 61.7



#40
Benzene
Concen: 48.730 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion: 78 Resp: 474982
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

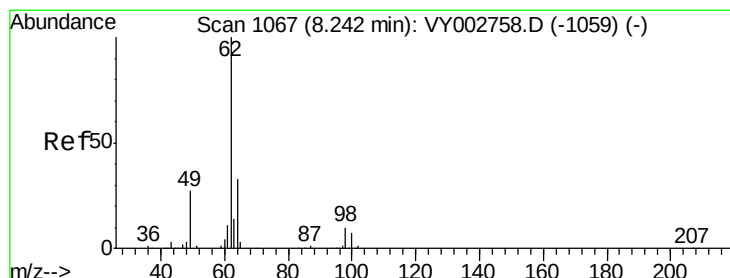
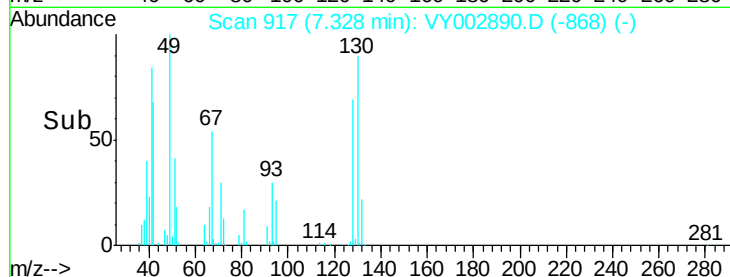
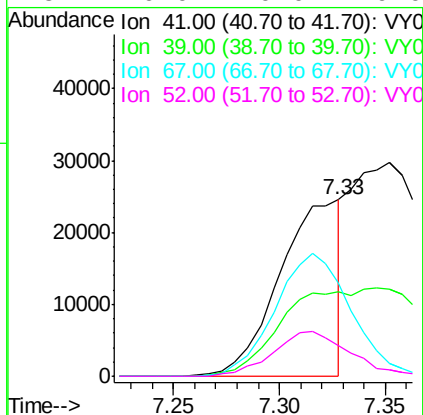
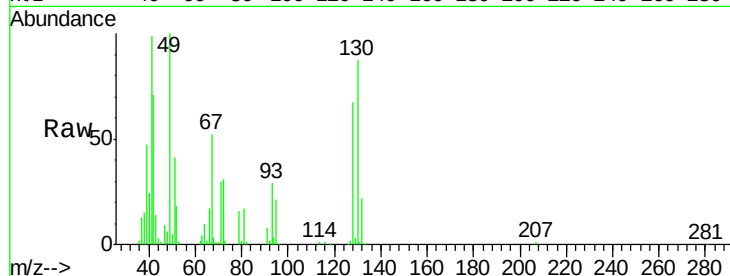




#41
Methacrylonitrile
Concen: 51.641 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

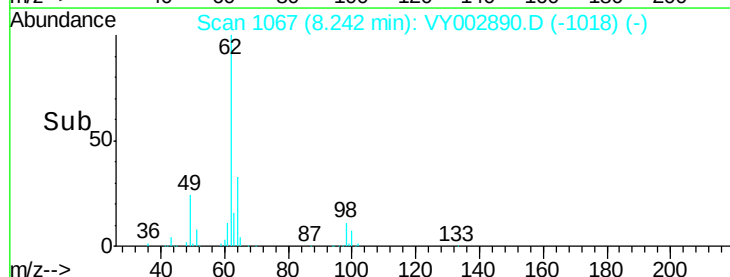
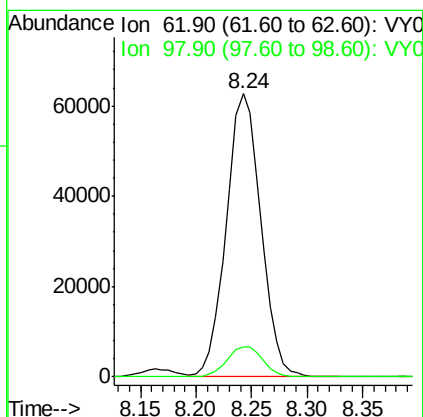
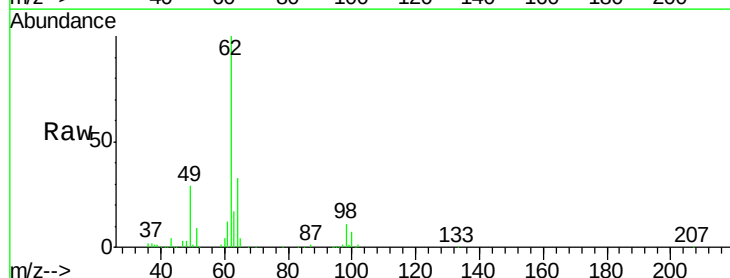
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

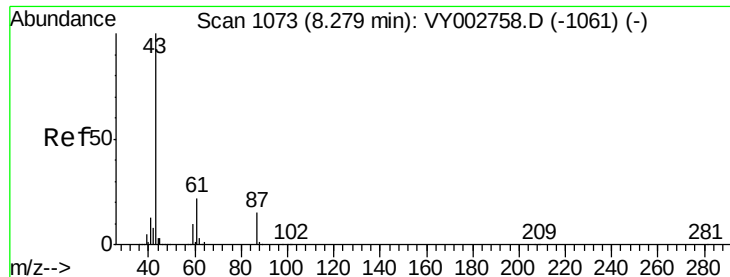
Tot Ion:	41	Resp:	49793
Ion	Ratio	Lower	Upper
41	100		
39	114.3	97.6	146.4
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.445 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion:	62	Resp:	135070
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6





#43

Isopropyl Acetate

Concen: 50.797 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

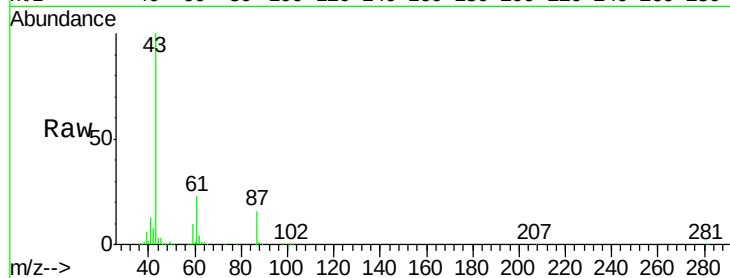
Tot Ion: 43 Resp: 172769

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

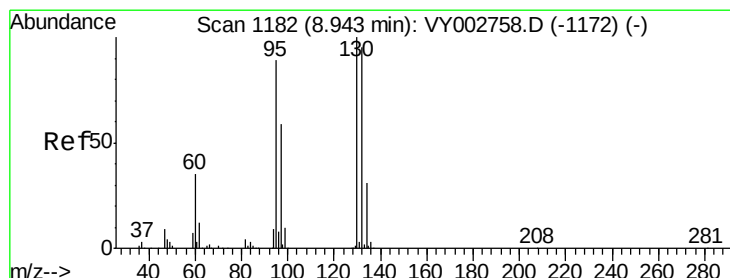
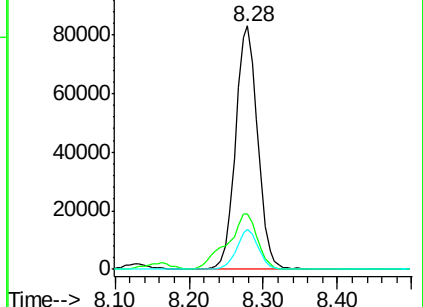
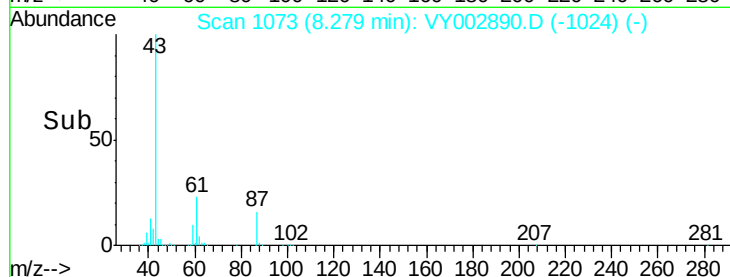
87 16.0 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002890.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002890.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002890.D (-1024) (-)



#44

Trichloroethene

Concen: 47.730 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002890.D

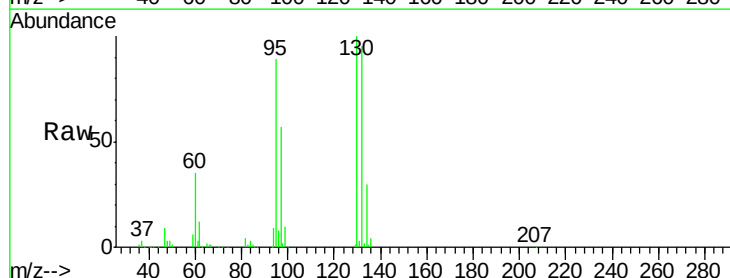
Acq: 11 Jun 2020 15:56

Tgt Ion:130 Resp: 146954

Ion Ratio Lower Upper

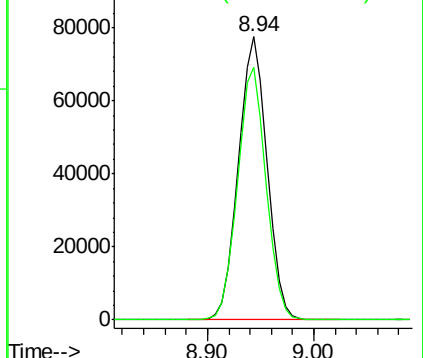
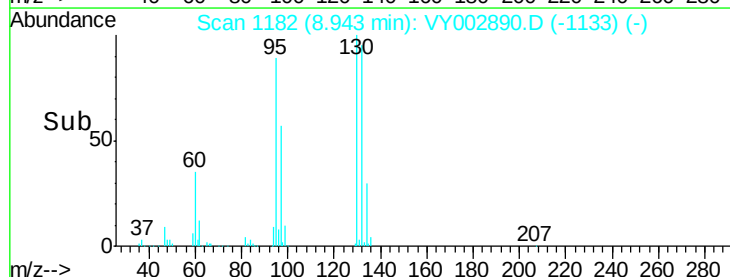
130 100

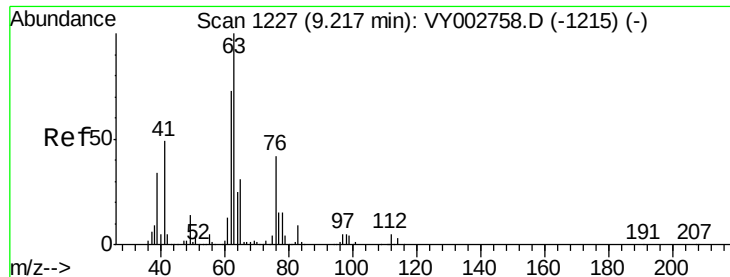
95 89.4 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002890.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002890.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 50.187 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

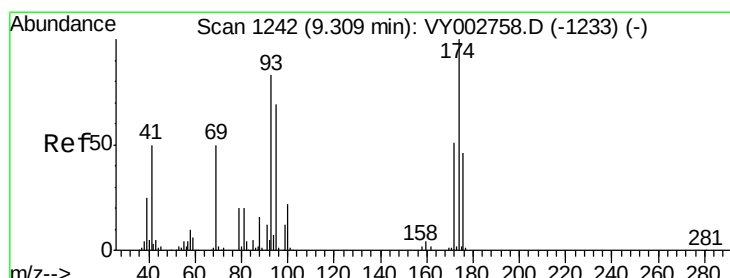
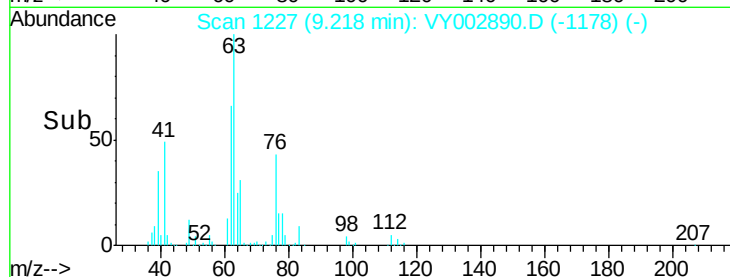
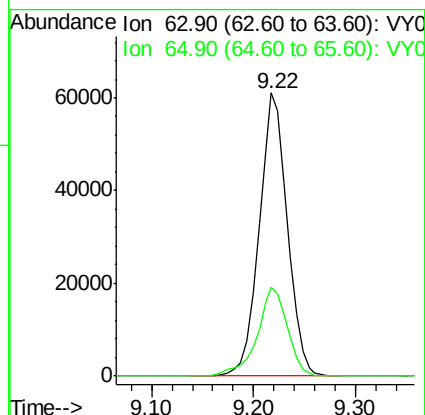
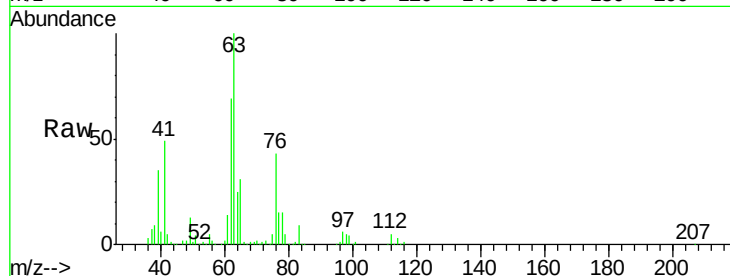
VSTDCCC050EC

Tot Ion: 63 Resp: 117312

Ion Ratio Lower Upper

63 100

65 31.4 24.8 37.2



#46

Dibromomethane

Concen: 50.057 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

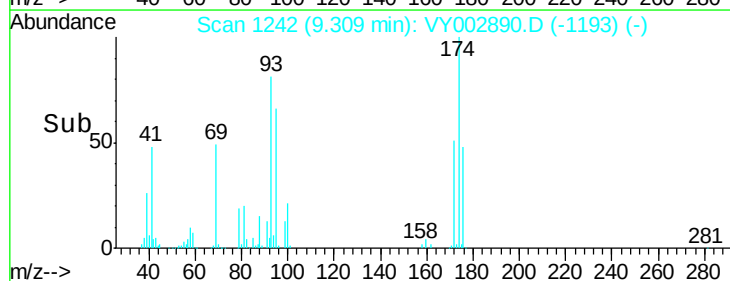
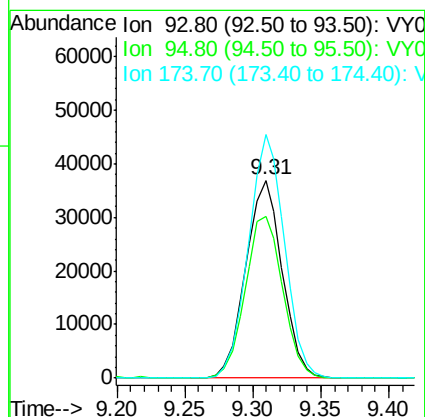
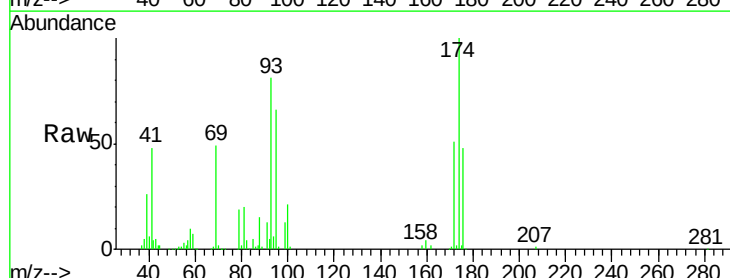
Tgt Ion: 93 Resp: 69490

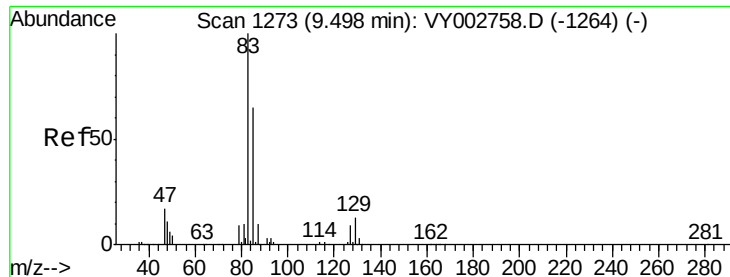
Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

174 121.5 97.7 146.5





#47

Bromodichloromethane

Concen: 51.387 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

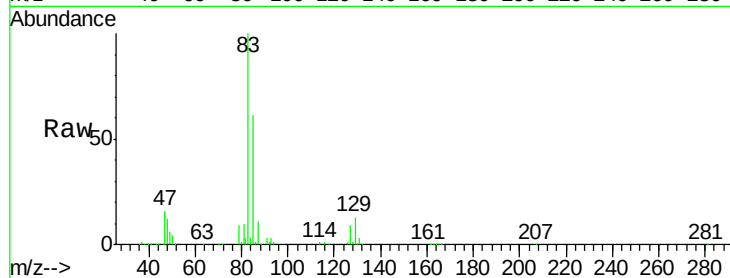
Tot Ion: 83 Resp: 168171

Ion Ratio Lower Upper

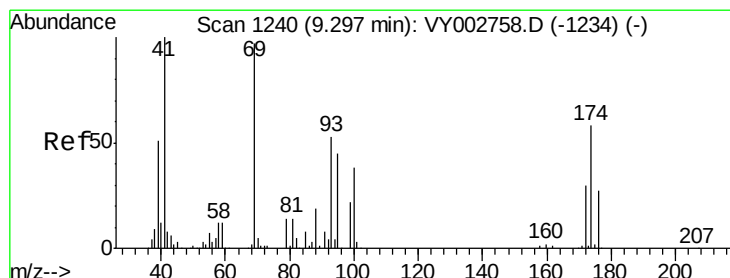
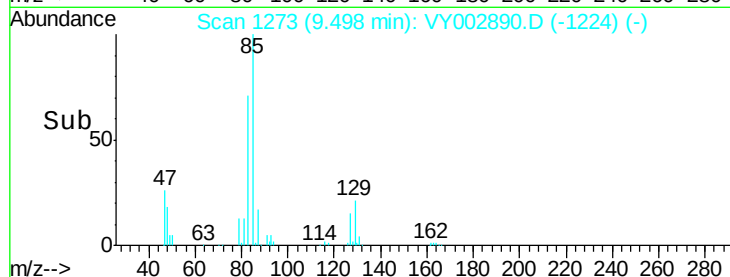
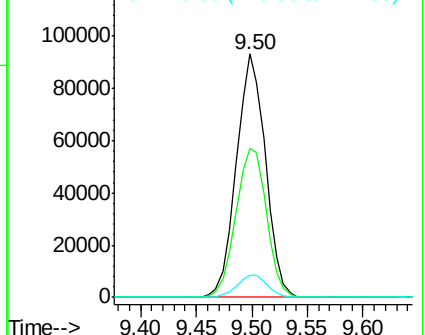
83 100

85 61.2 51.9 77.9

127 9.0 7.1 10.7



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



#48

Methyl methacrylate

Concen: 50.569 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

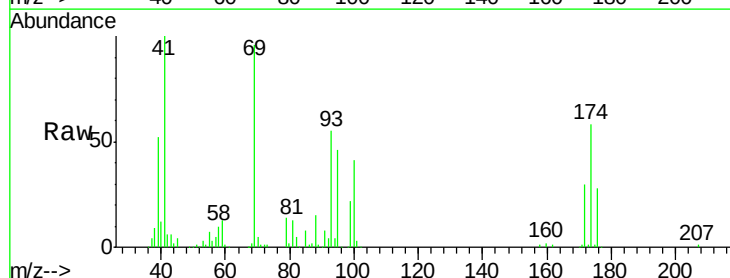
Tgt Ion: 41 Resp: 77642

Ion Ratio Lower Upper

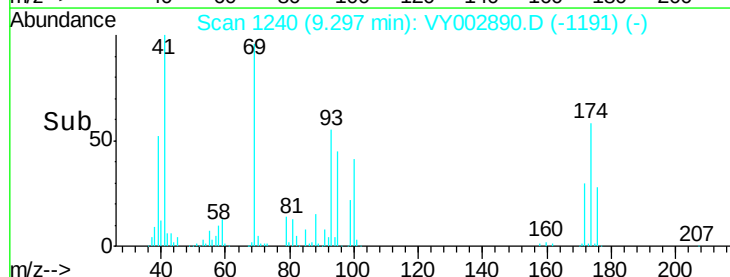
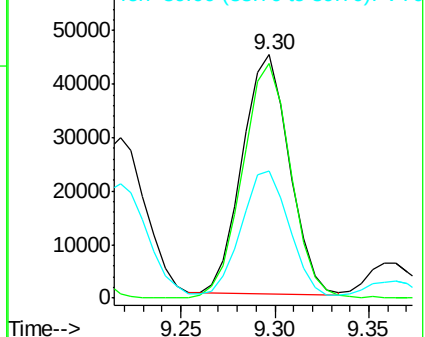
41 100

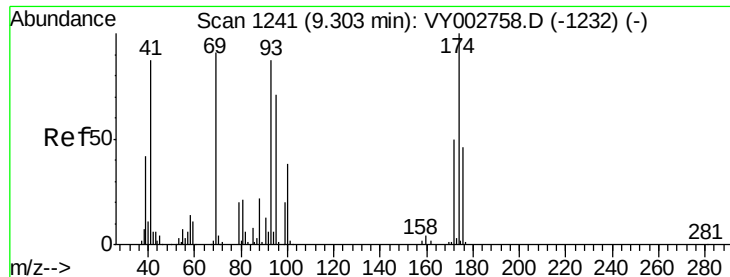
69 100.3 79.7 119.5

39 55.1 43.3 64.9



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

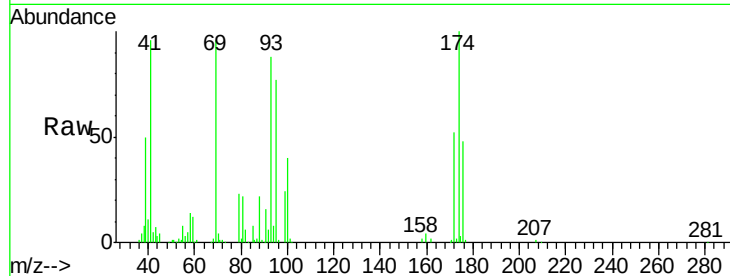




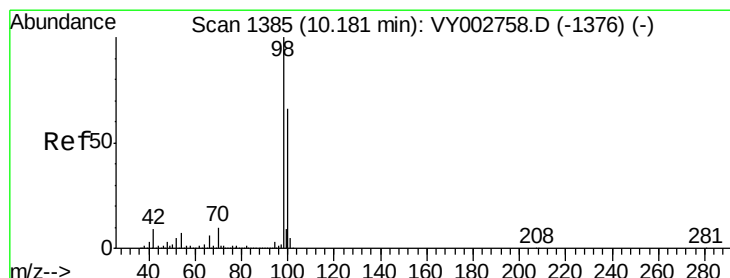
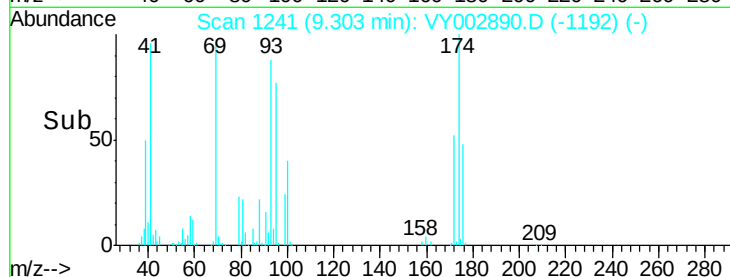
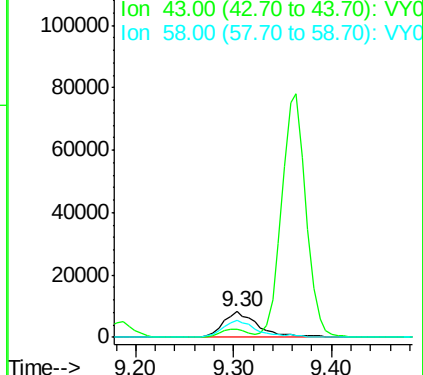
#49
1,4-Dioxane
Concen: 984.445 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 20984
Ion Ratio Lower Upper
88 100
43 25.6 21.3 31.9
58 66.6 52.2 78.2

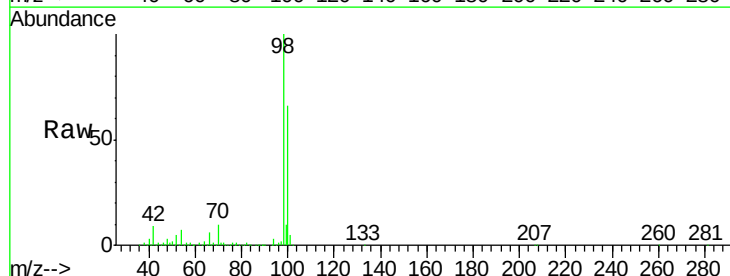


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

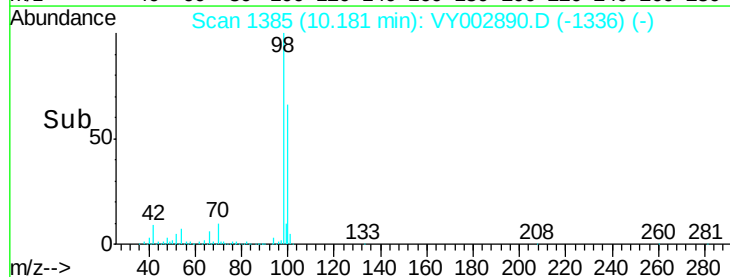
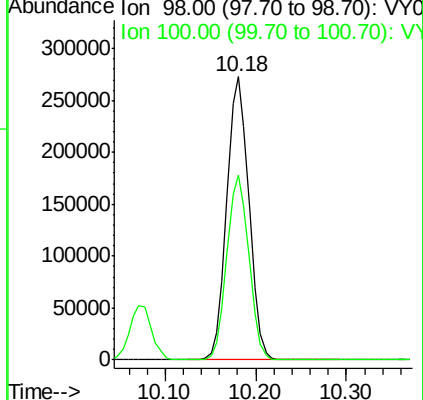


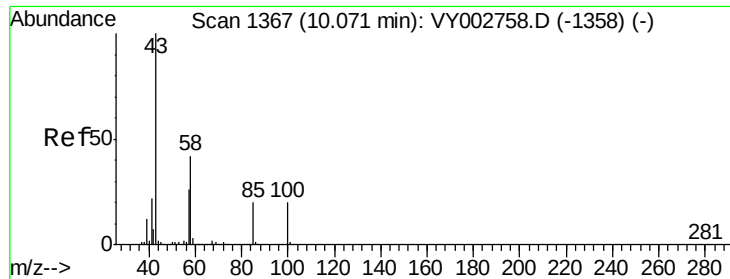
#50
Toluene-d8
Concen: 49.687 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion: 98 Resp: 461060
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 259.843 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

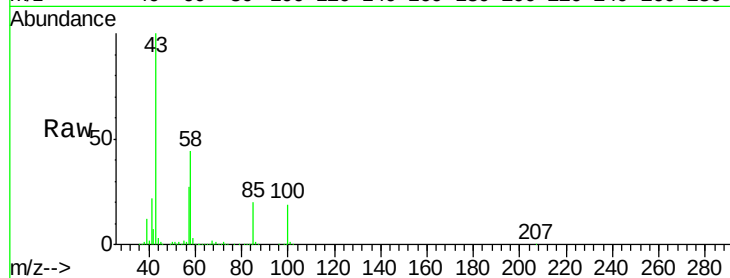
VSTDCCC050EC

Tot Ion: 43 Resp: 467976

Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-1358) (-)

10.07

250000

200000

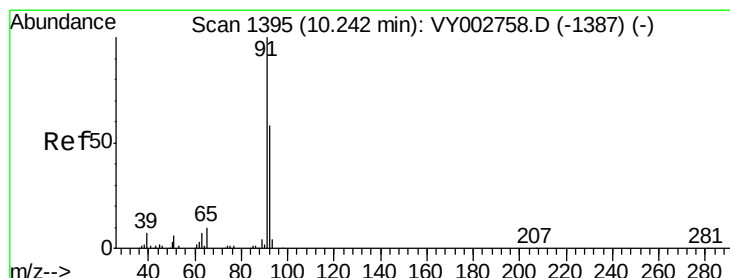
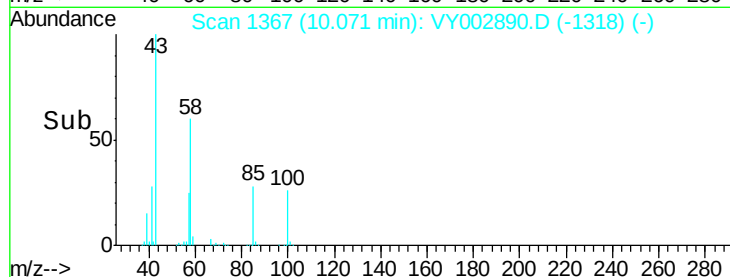
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 48.746 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002890.D

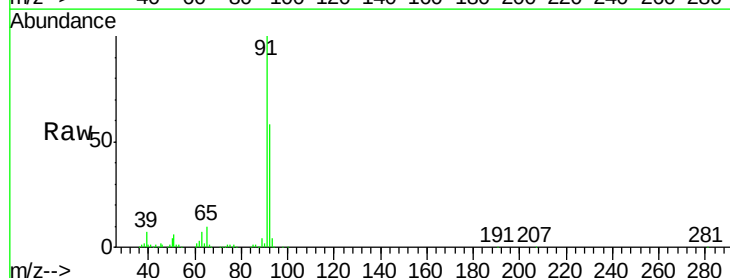
Acq: 11 Jun 2020 15:56

Tgt Ion: 92 Resp: 310826

Ion Ratio Lower Upper

92 100

91 174.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY002890.D (-1346) (-)

Ion 91.00 (90.70 to 91.70): VY002890.D (-1346) (-)

10.25

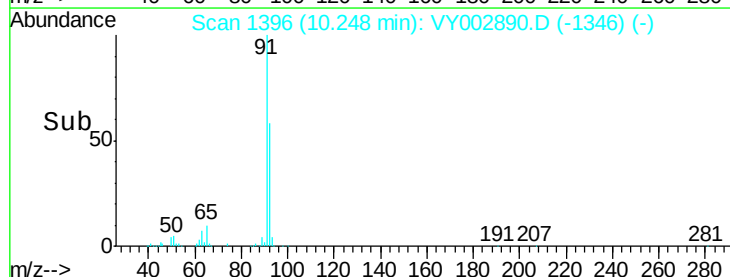
300000

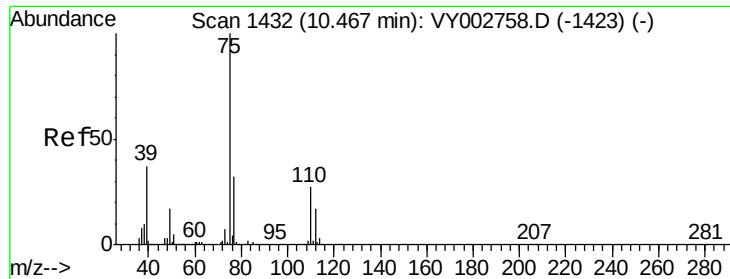
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.916 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

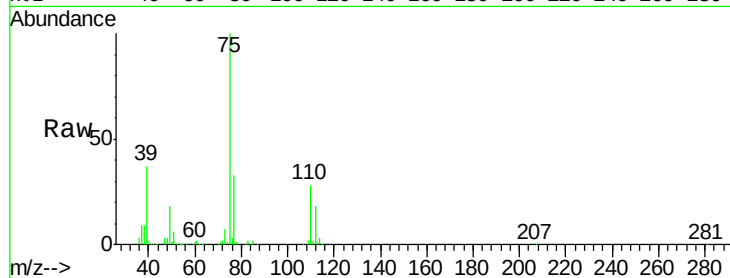
VSTDCCC050EC

Tot Ion: 75 Resp: 182001

Ion Ratio Lower Upper

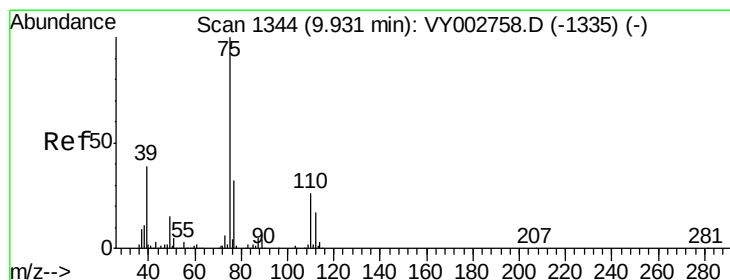
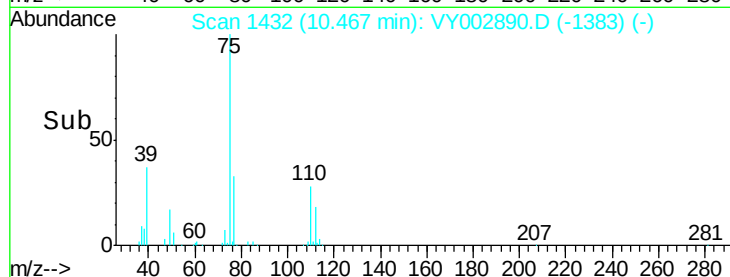
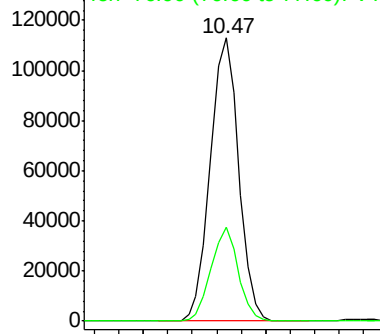
75 100

77 33.3 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 50.520 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

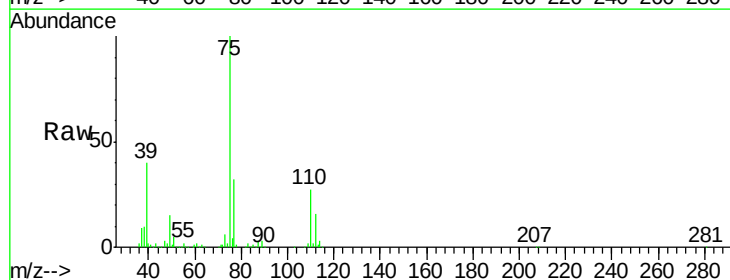
Tgt Ion: 75 Resp: 204628

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

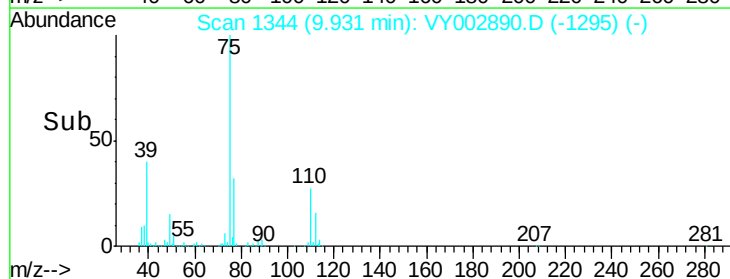
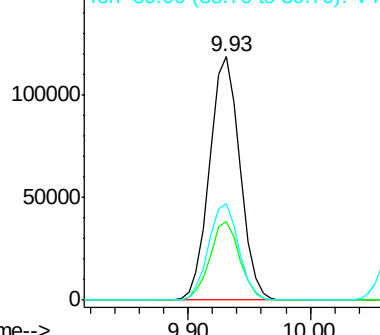
39 39.5 31.3 46.9

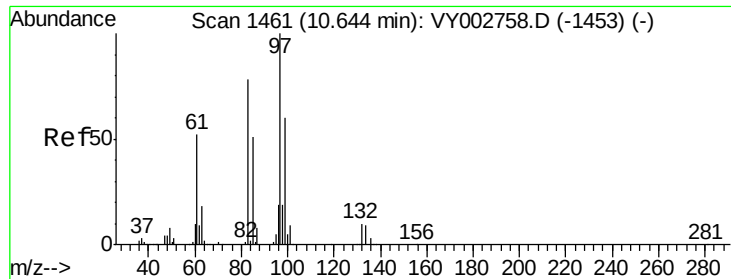


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

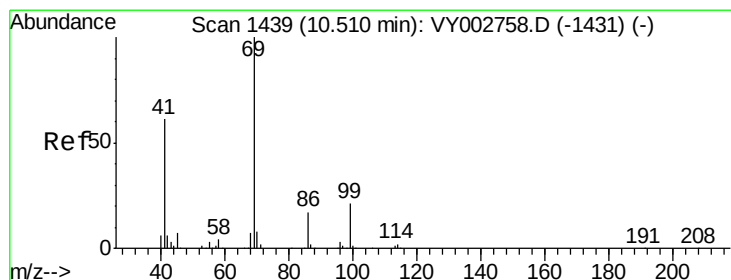
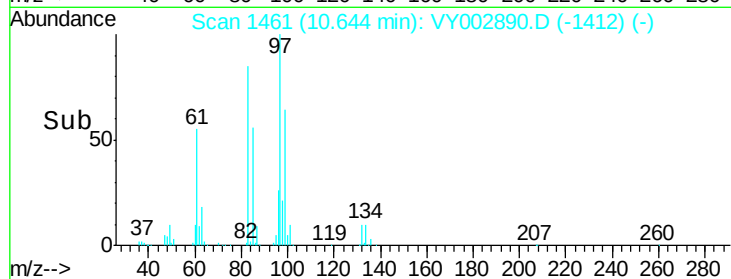
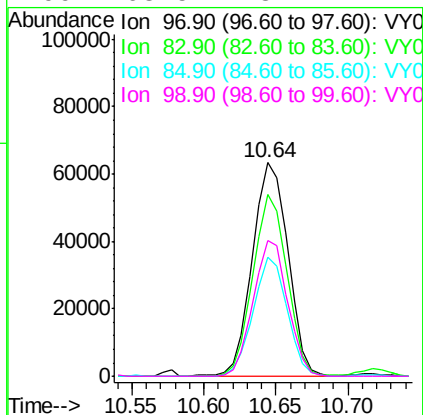
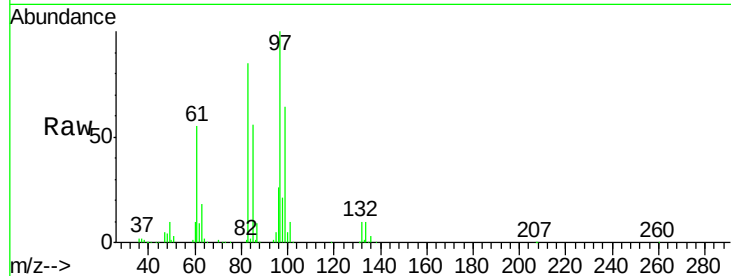




#55
 1,1,2-Trichloroethane
 Concen: 50.800 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

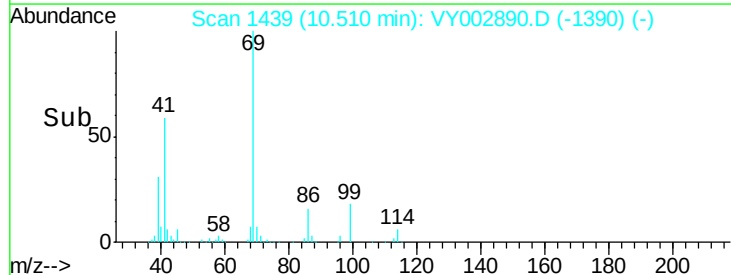
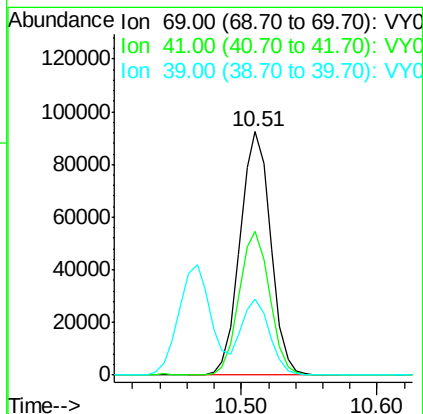
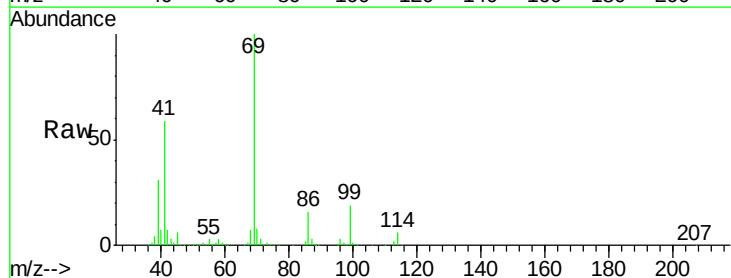
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

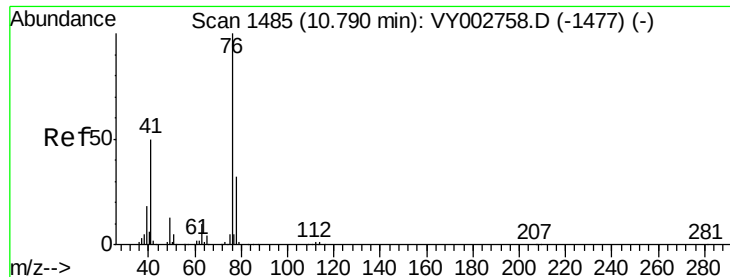
Tot Ion:	97	Resp:	107966
Ion	Ratio	Lower	Upper
97	100		
83	84.8	62.7	94.1
85	55.7	40.6	60.8
99	63.5	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 50.990 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Tgt Ion:	69	Resp:	145152
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.0	70.4
39	28.9	22.0	33.0





#57

1,3-Dichloropropane

Concen: 50.562 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

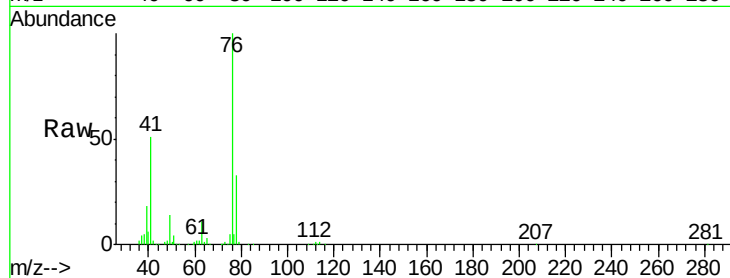
VSTDCCC050EC

Tot Ion: 76 Resp: 176747

Ion Ratio Lower Upper

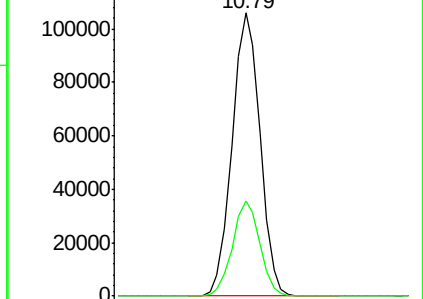
76 100

78 32.8 26.1 39.1

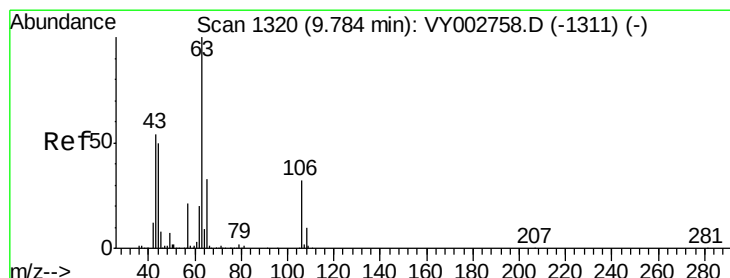
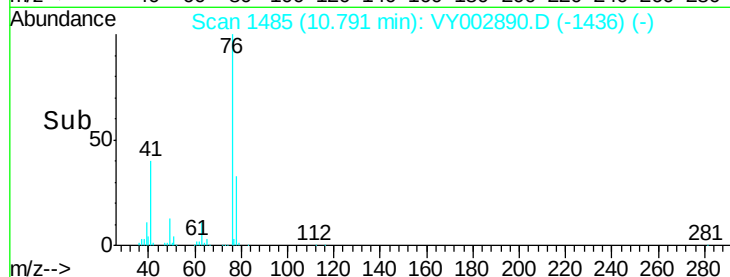


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.502 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002890.D

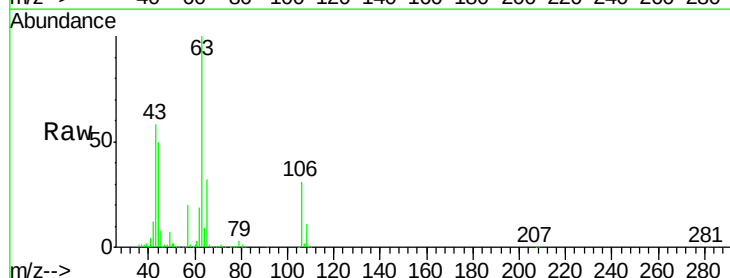
Acq: 11 Jun 2020 15:56

Tgt Ion: 63 Resp: 370692

Ion Ratio Lower Upper

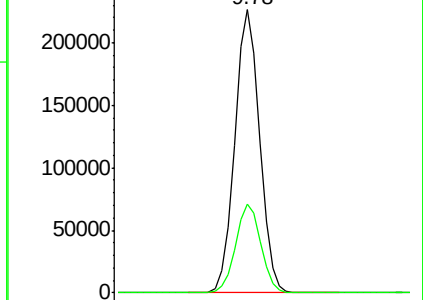
63 100

106 31.8 25.4 38.2

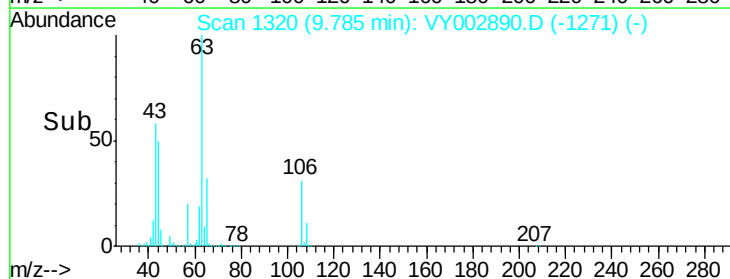


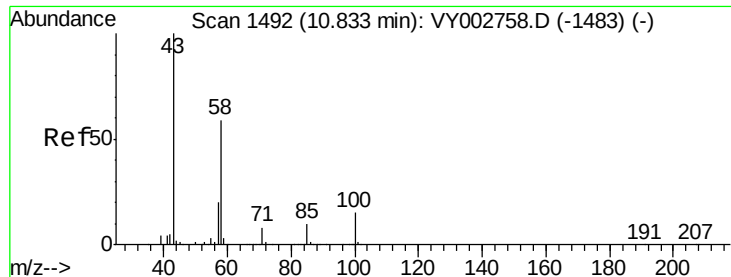
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

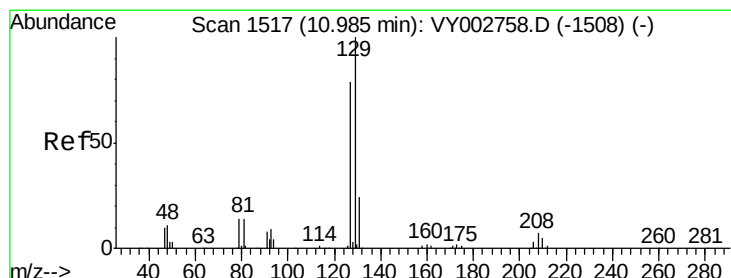
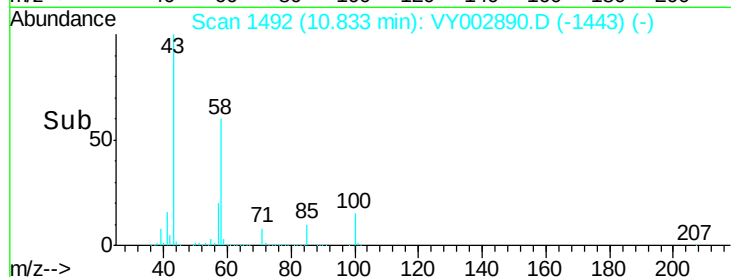
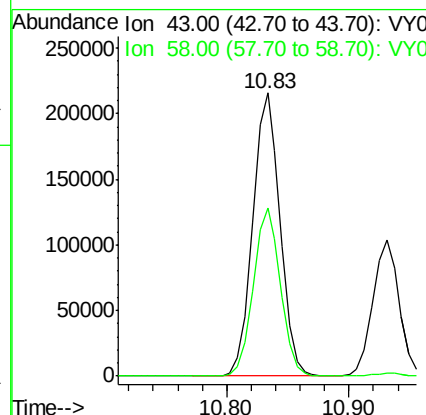
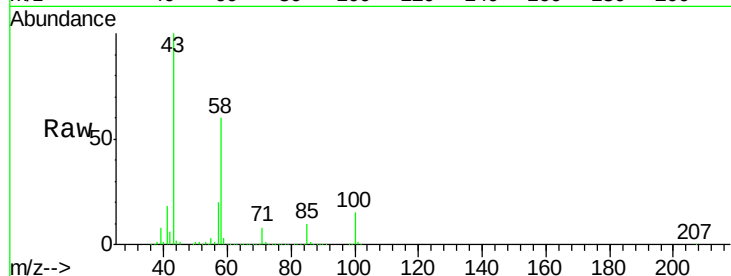




#59
2-Hexanone
Concen: 261.546 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

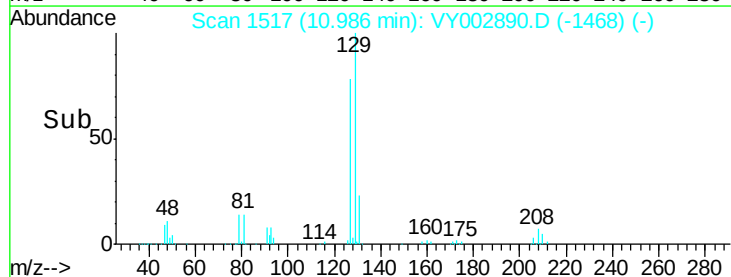
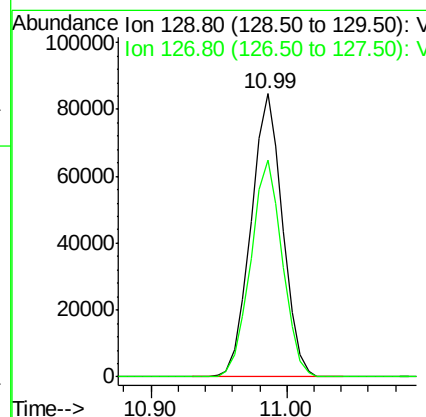
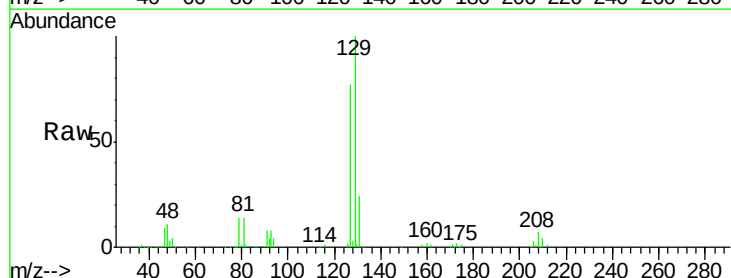
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

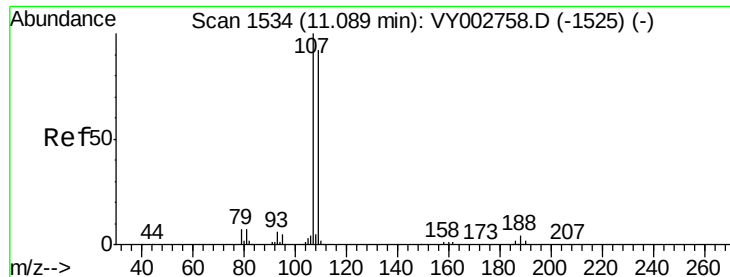
Tot Ion: 43 Resp: 334217
Ion Ratio Lower Upper
43 100
58 58.9 29.5 88.5



#60
Dibromochloromethane
Concen: 51.067 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion: 129 Resp: 137599
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3

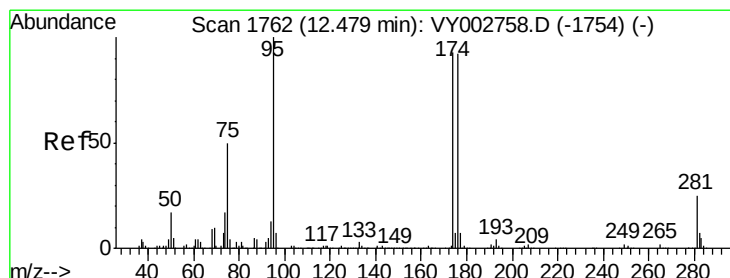
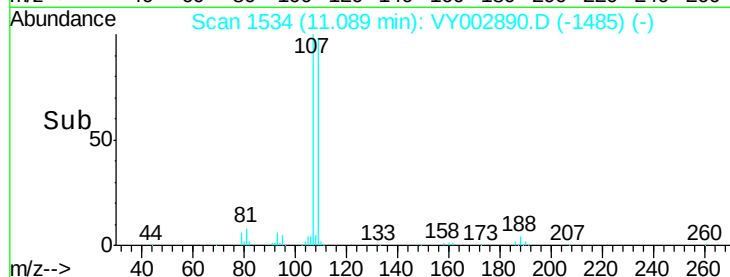
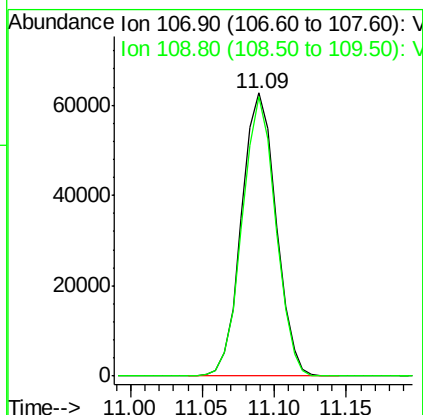
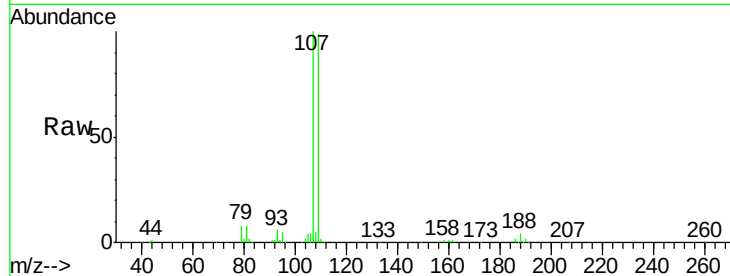




#61
 1,2-Dibromoethane
 Concen: 49.743 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

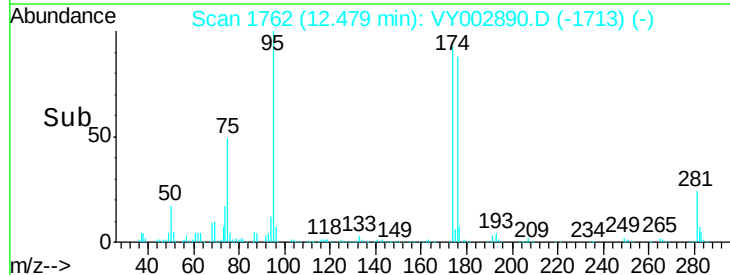
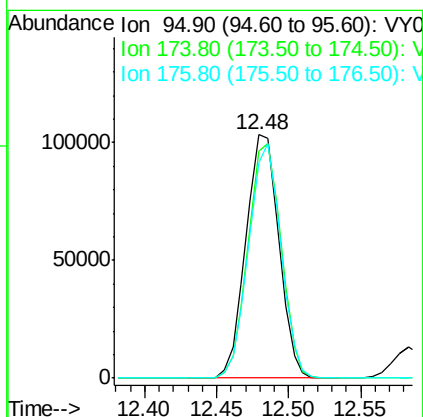
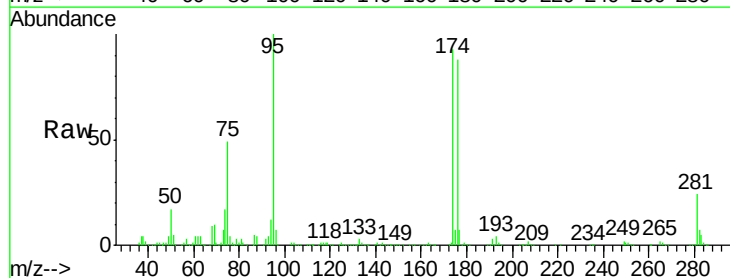
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

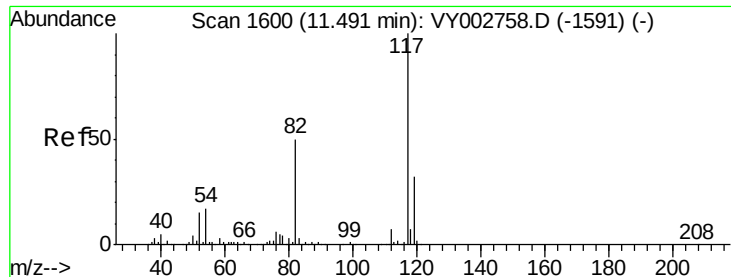
Tot Ion:107 Resp: 104287
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.693 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Tgt Ion: 95 Resp: 163929
 Ion Ratio Lower Upper
 95 100
 174 96.5 0.0 191.2
 176 93.7 0.0 188.8

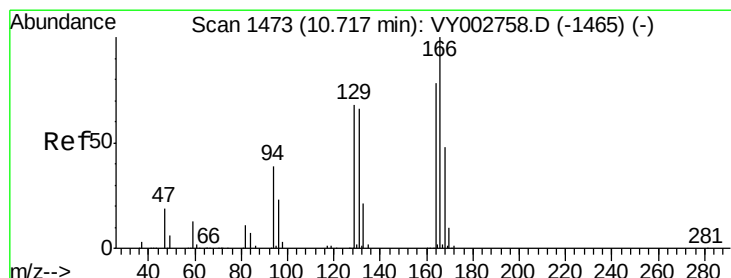
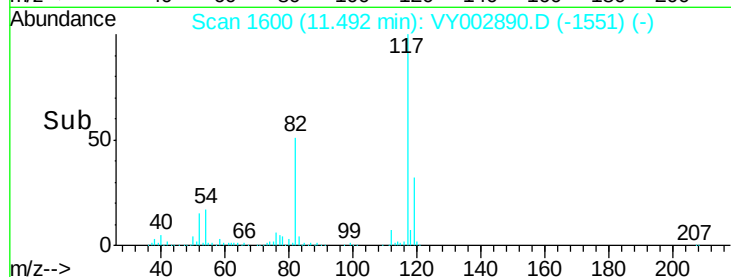
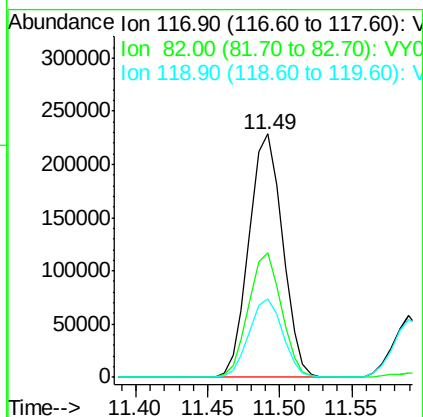
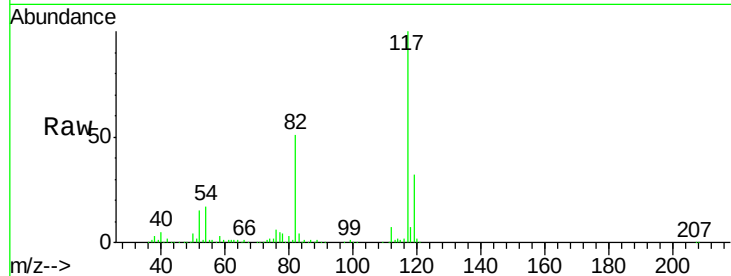




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

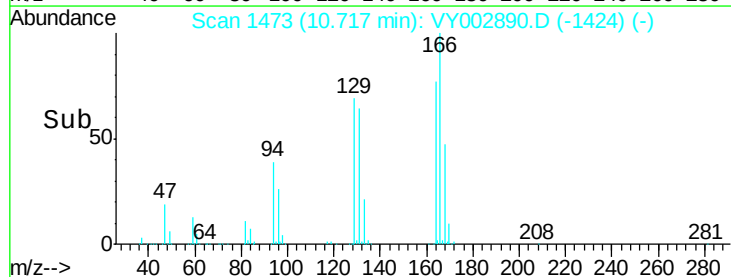
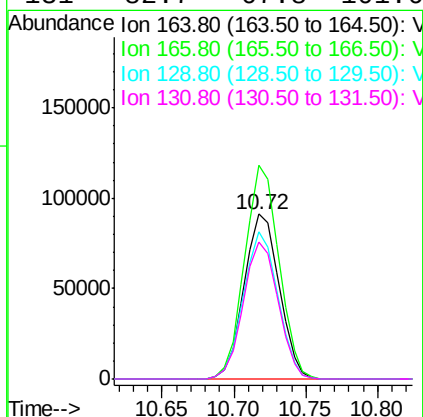
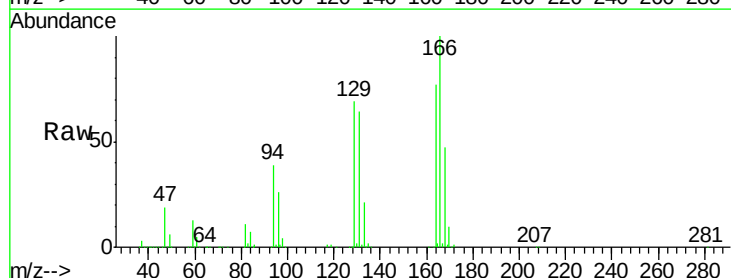
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

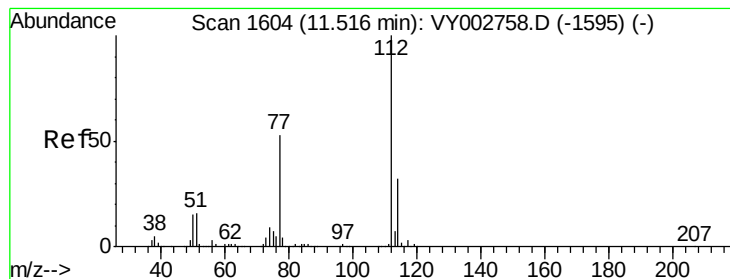
Tot Ion:117 Resp: 369570
Ion Ratio Lower Upper
117 100
82 51.2 40.2 60.4
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 45.935 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion:164 Resp: 154288
Ion Ratio Lower Upper
164 100
166 129.5 102.3 153.5
129 89.0 69.4 104.2
131 82.7 67.8 101.6





#65

Chlorobenzene

Concen: 48.814 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

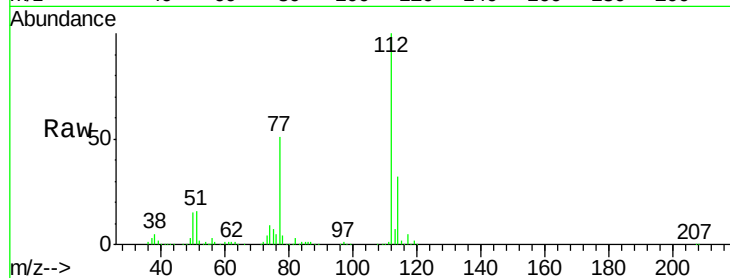
VSTDCCC050EC

Tot Ion:112 Resp: 356566

Ion Ratio Lower Upper

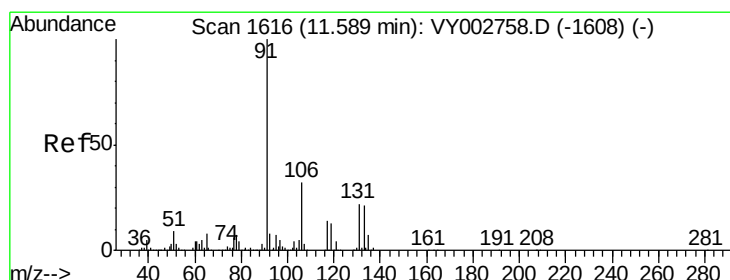
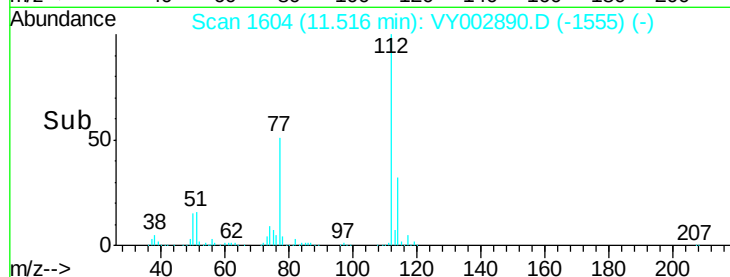
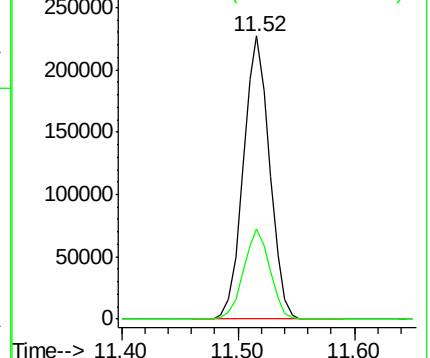
112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.171 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

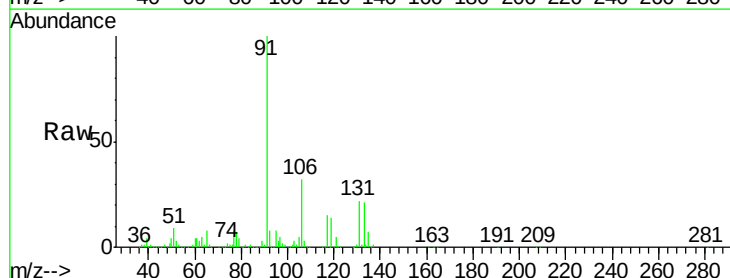
Tgt Ion:131 Resp: 138022

Ion Ratio Lower Upper

131 100

133 95.6 47.6 142.8

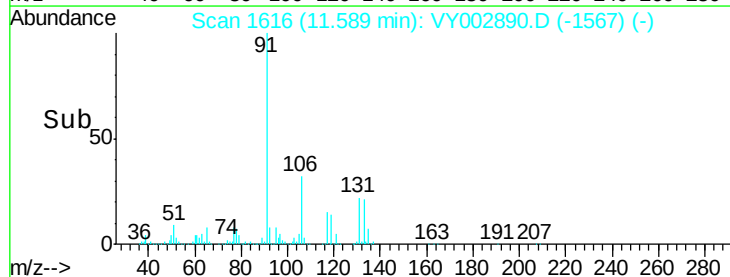
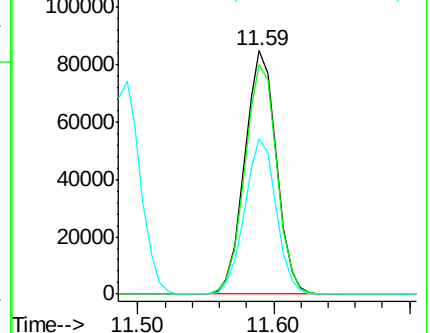
119 63.5 31.7 95.1

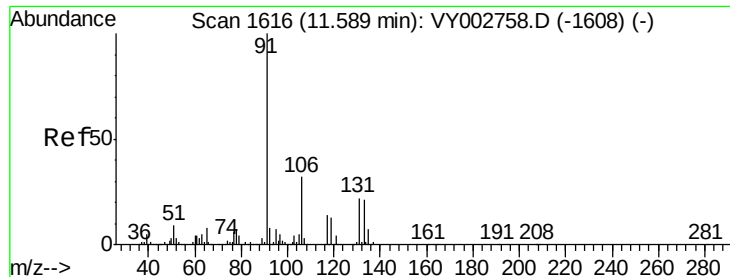


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.138 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

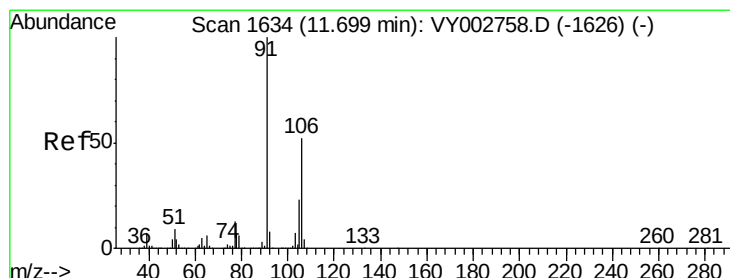
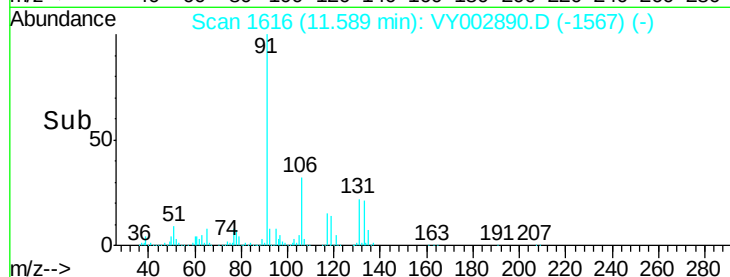
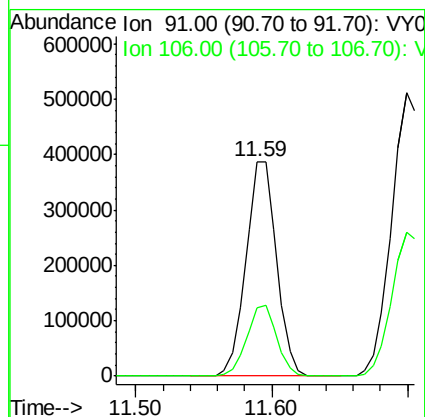
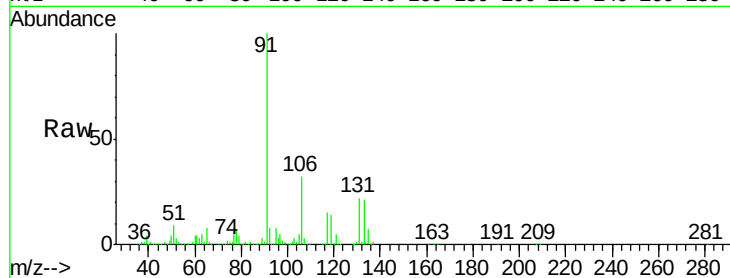
VSTDCCC050EC

Tot Ion: 91 Resp: 609585

Ion Ratio Lower Upper

91 100

106 32.0 25.7 38.5



#68

m/p-Xylenes

Concen: 96.861 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002890.D

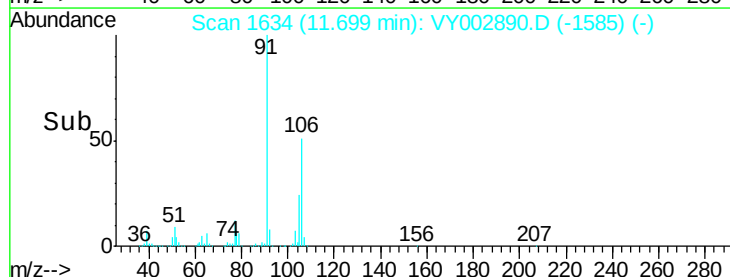
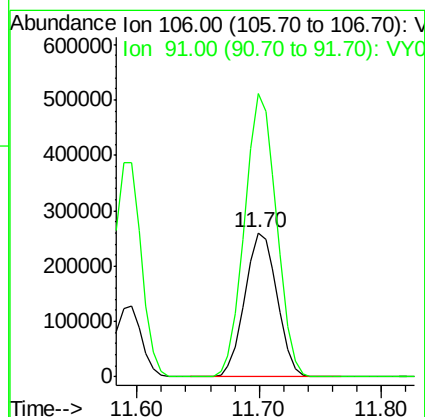
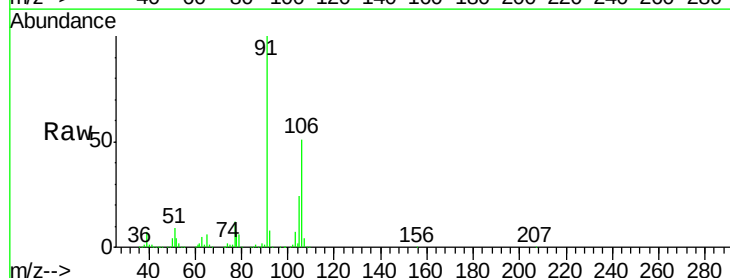
Acq: 11 Jun 2020 15:56

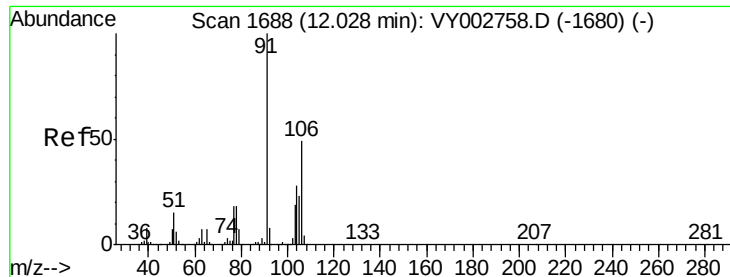
Tgt Ion: 106 Resp: 475567

Ion Ratio Lower Upper

106 100

91 194.5 156.0 234.0

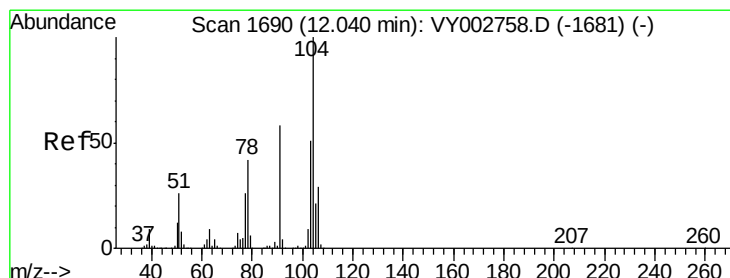
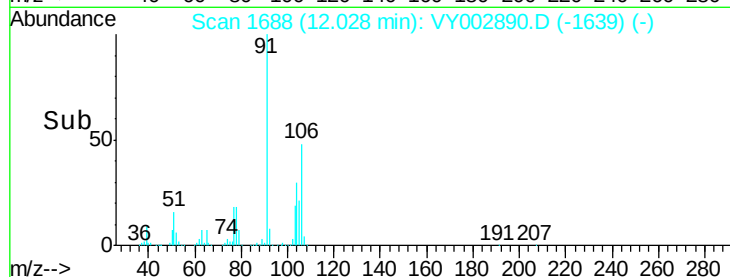
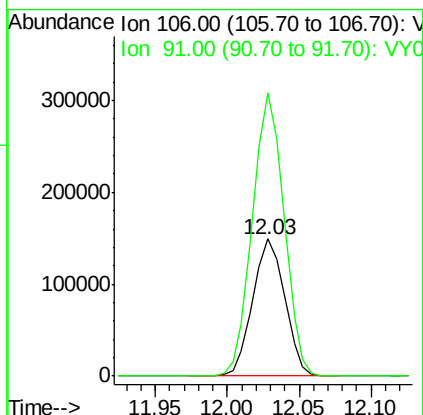
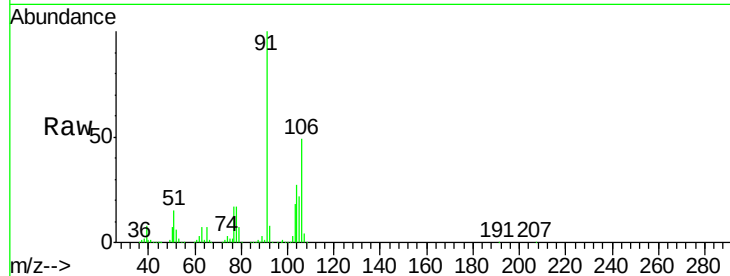




#69
o-Xylene
Concen: 49.368 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

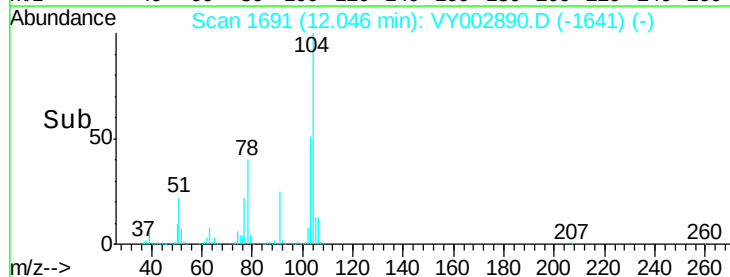
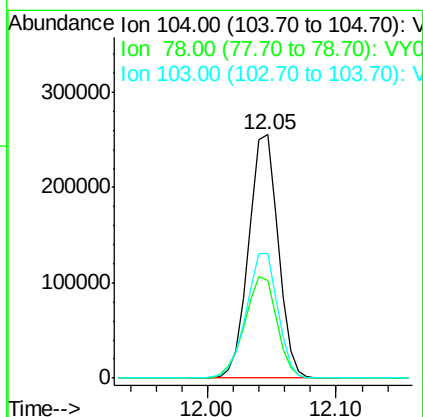
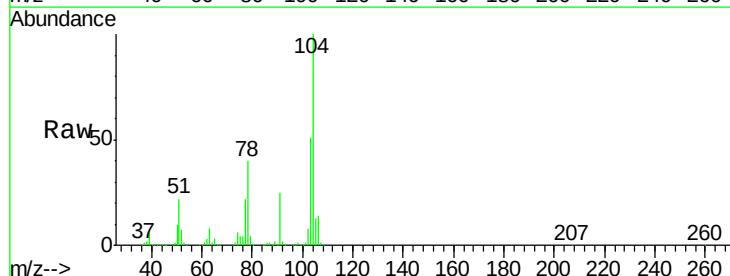
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

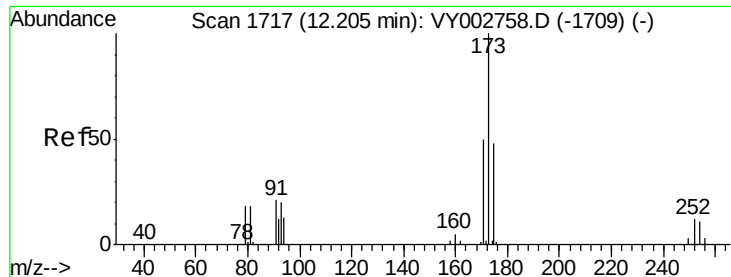
Tot Ion:106 Resp: 228821
Ion Ratio Lower Upper
106 100
91 203.9 102.4 307.1



#70
Styrene
Concen: 49.893 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion:104 Resp: 400890
Ion Ratio Lower Upper
104 100
78 45.6 36.2 54.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 51.322 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

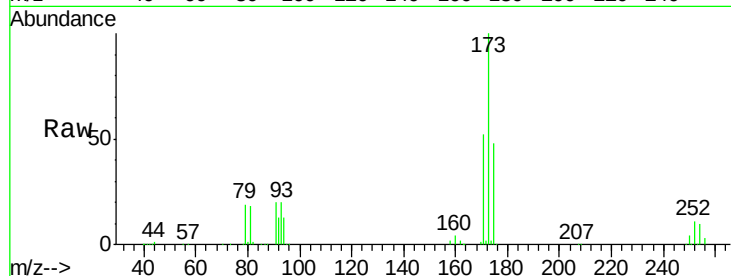
Tot Ion:173 Resp: 94474

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

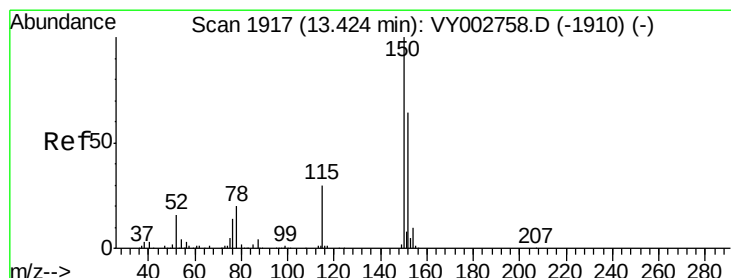
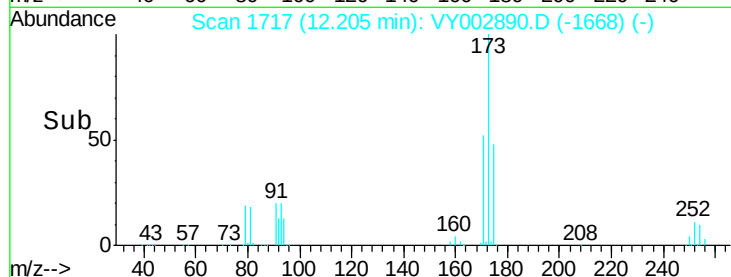
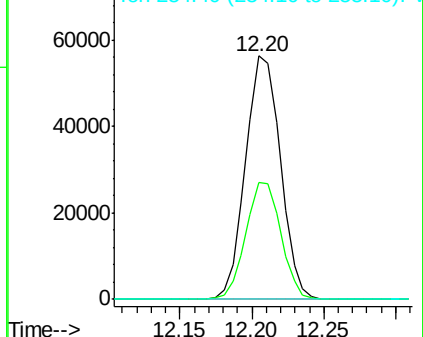
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

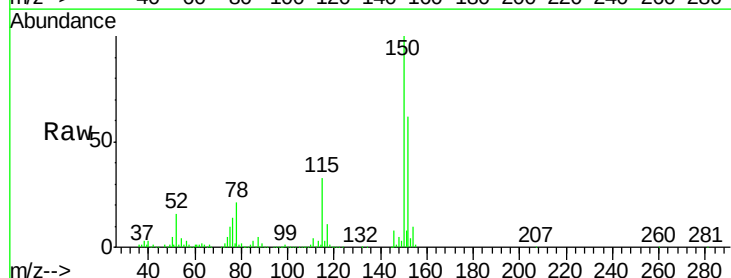
Tgt Ion:152 Resp: 202167

Ion Ratio Lower Upper

152 100

115 53.2 27.0 81.0

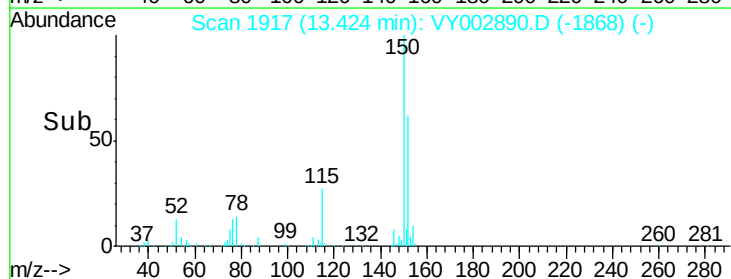
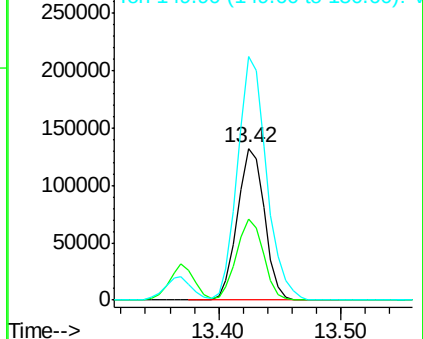
150 171.9 0.0 344.8

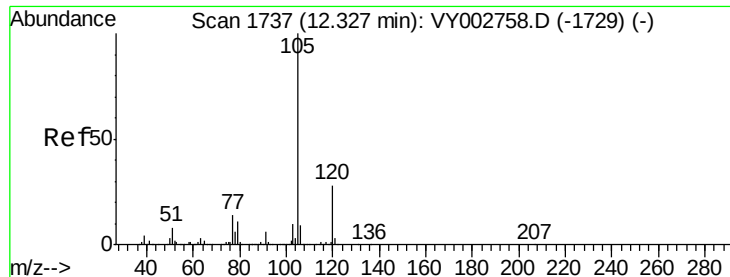


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.985 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

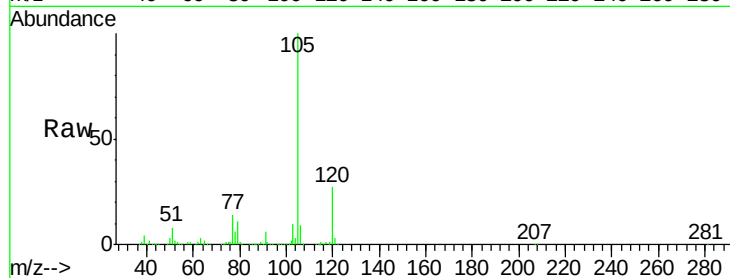
VSTDCCC050EC

Tot Ion: 105 Resp: 621677

Ion Ratio Lower Upper

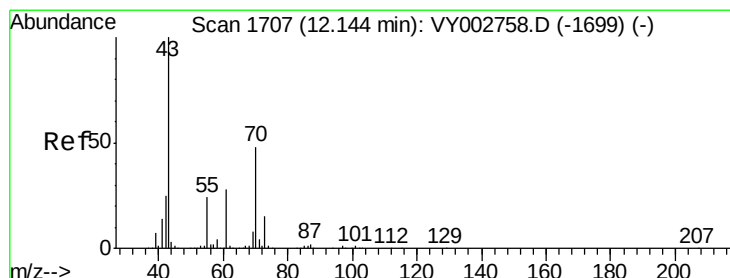
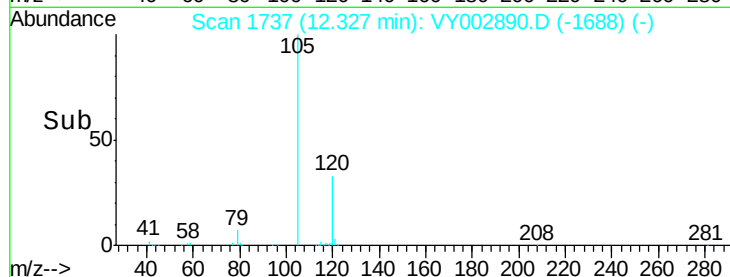
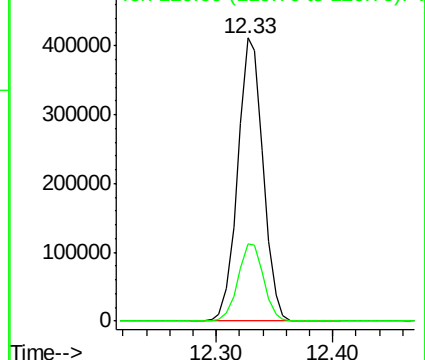
105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.748 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Tgt Ion: 43 Resp: 165371

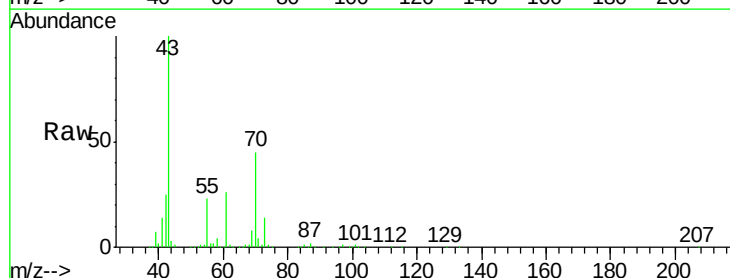
Ion Ratio Lower Upper

43 100

70 46.7 37.7 56.5

55 24.4 19.8 29.6

61 26.5 21.7 32.5

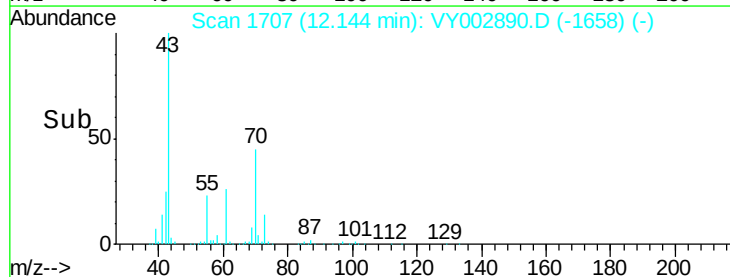
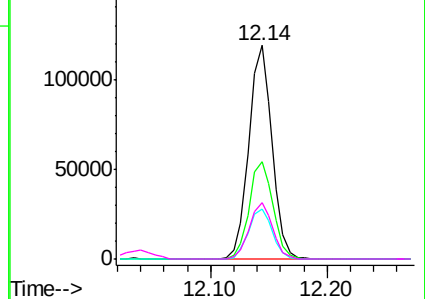


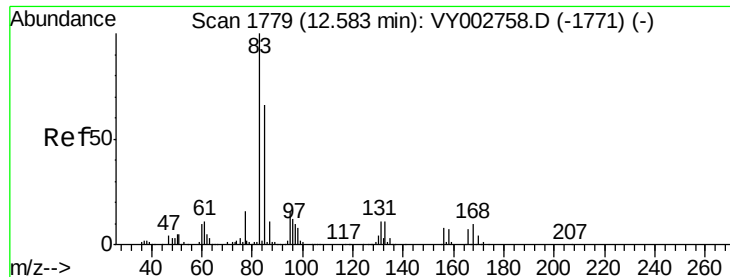
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.821 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

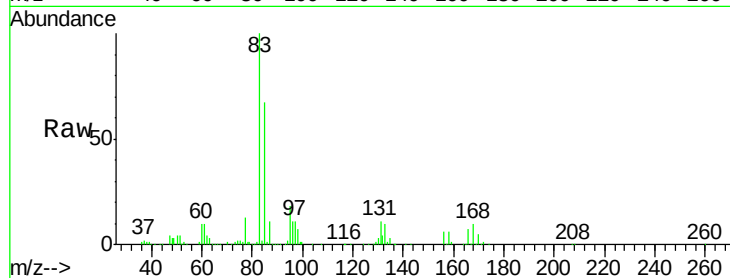
Tot Ion: 83 Resp: 117796

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

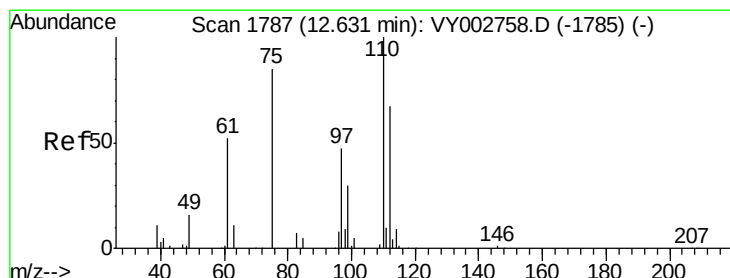
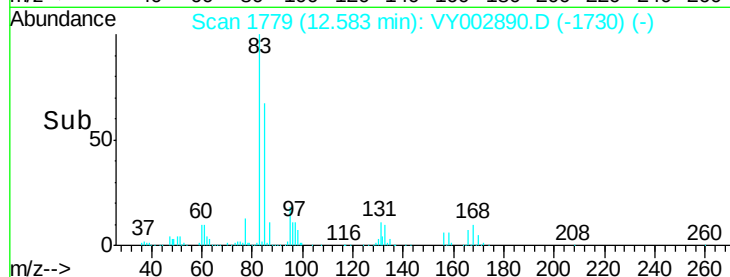
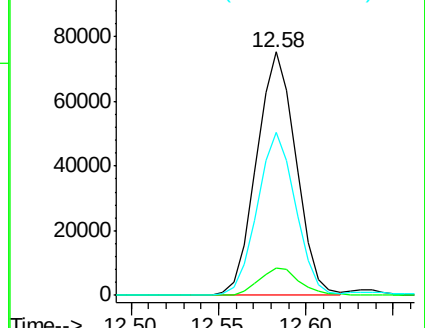
85 65.2 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002890.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002890.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002890.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 51.815 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY002890.D

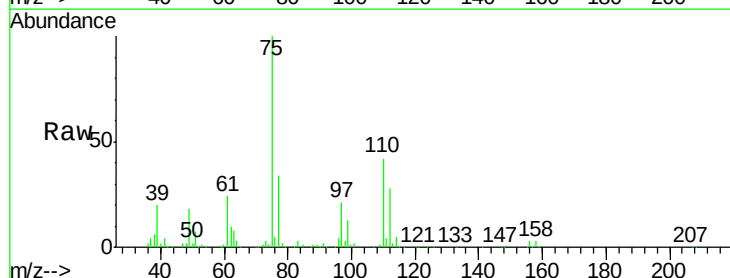
Acq: 11 Jun 2020 15:56

Tgt Ion: 75 Resp: 94390

Ion Ratio Lower Upper

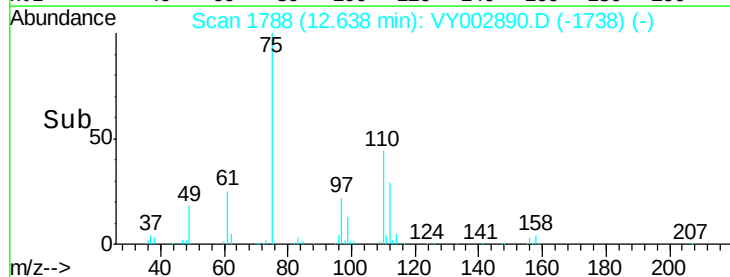
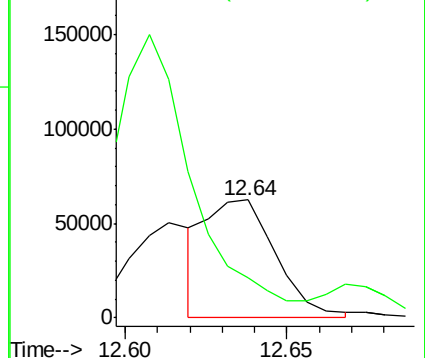
75 100

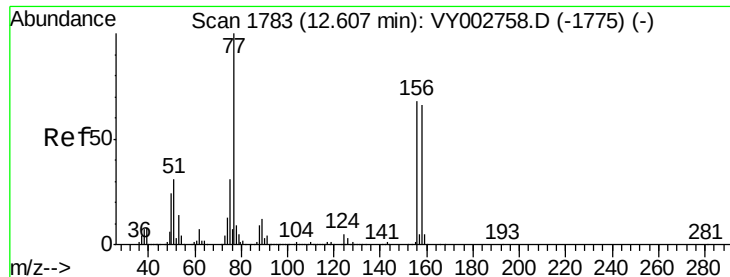
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002890.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002890.D (-1738) (-)





#77

Bromobenzene

Concen: 47.935 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

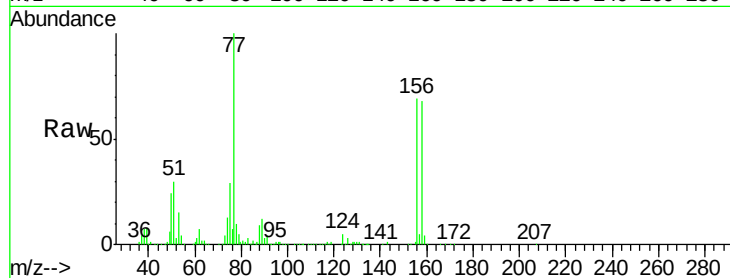
Tot Ion:156 Resp: 161708

Ion Ratio Lower Upper

156 100

77 164.5 81.4 244.2

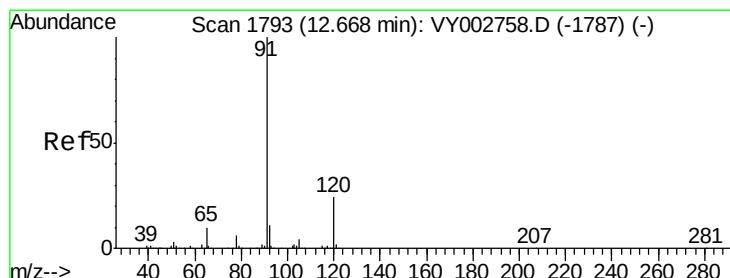
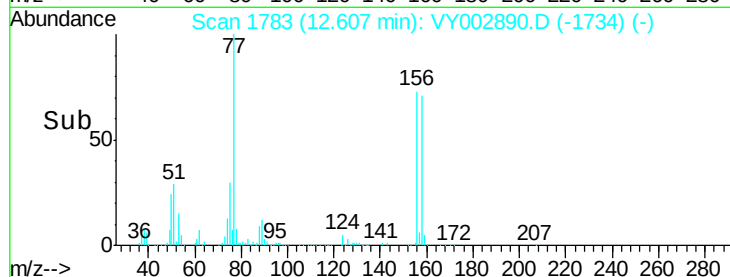
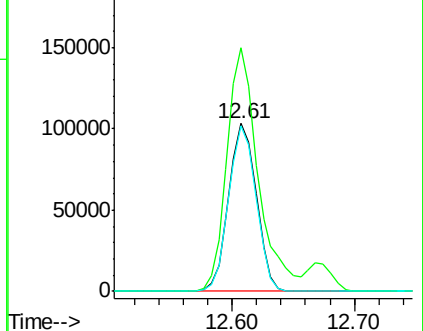
158 97.6 48.5 145.6



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: 48.004 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002890.D

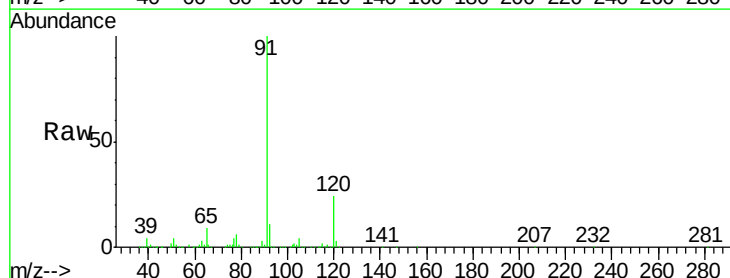
Acq: 11 Jun 2020 15:56

Tgt Ion: 91 Resp: 718394

Ion Ratio Lower Upper

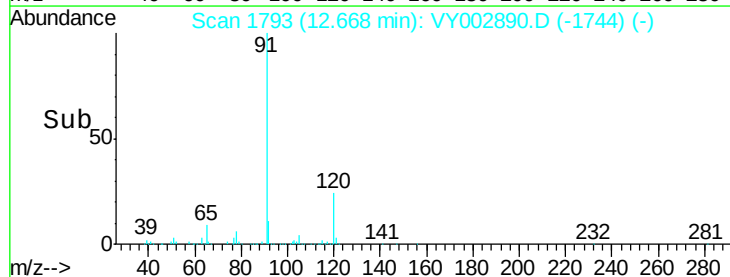
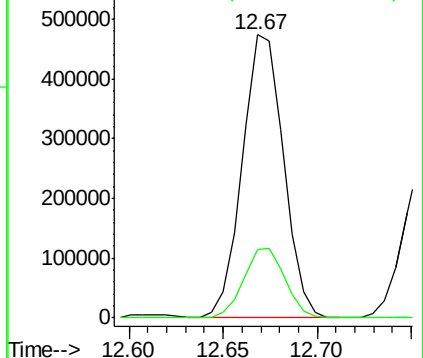
91 100

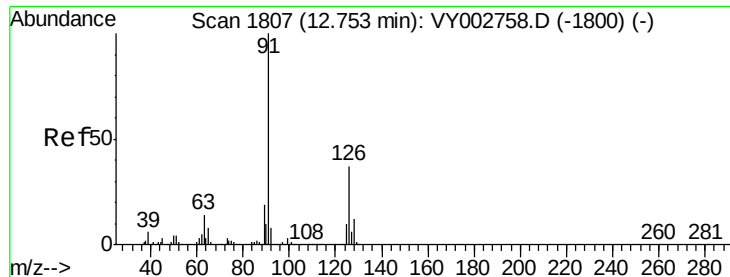
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.666 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

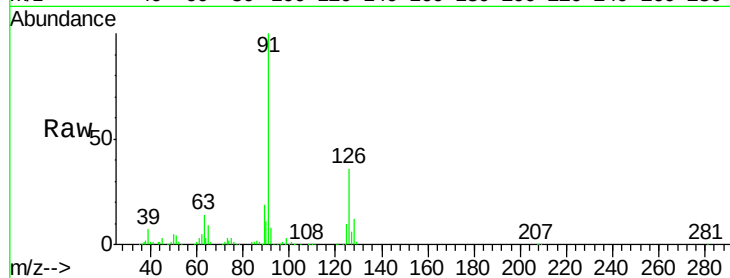
VSTDCCC050EC

Tot Ion: 91 Resp: 400143

Ion Ratio Lower Upper

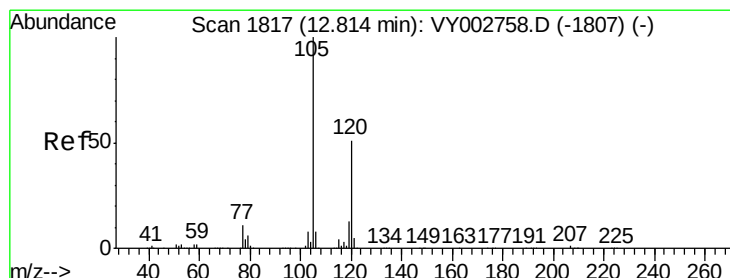
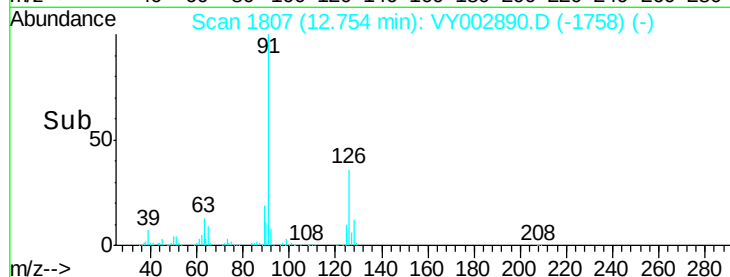
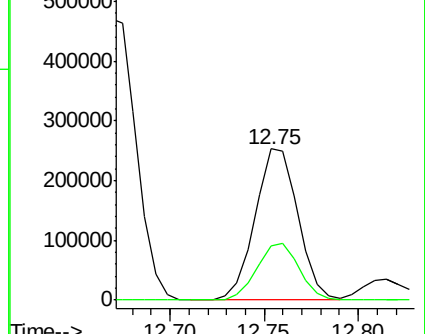
91 100

126 37.1 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.244 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002890.D

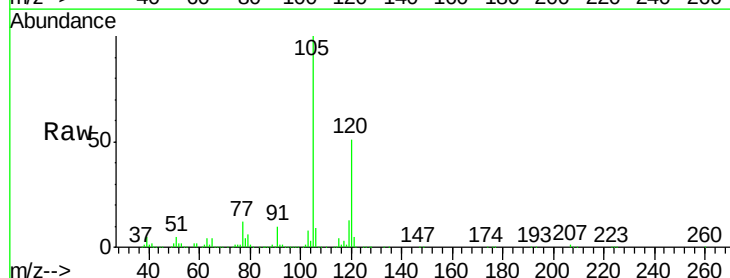
Acq: 11 Jun 2020 15:56

Tgt Ion: 105 Resp: 521872

Ion Ratio Lower Upper

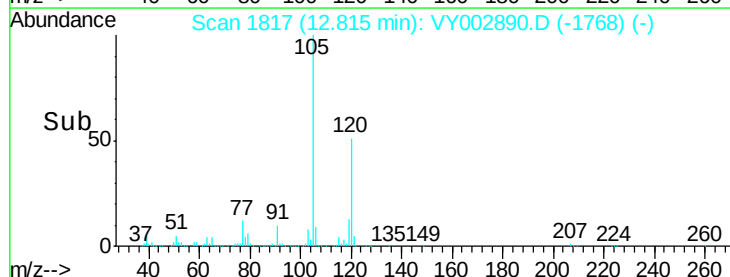
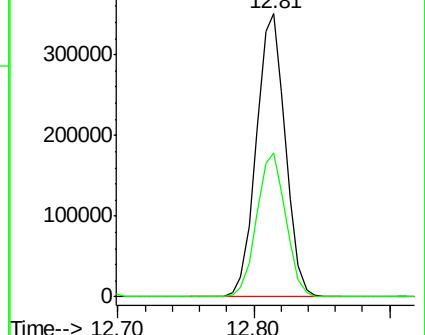
105 100

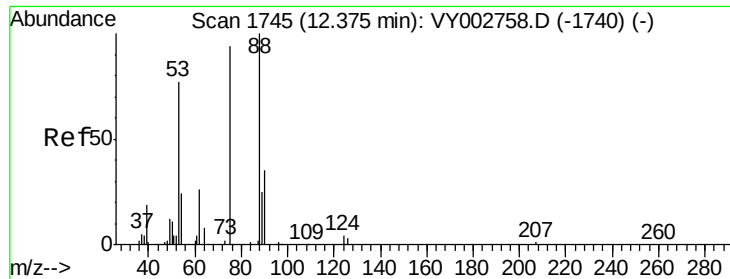
120 51.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

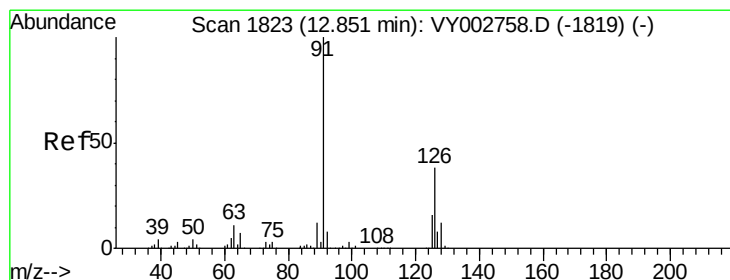
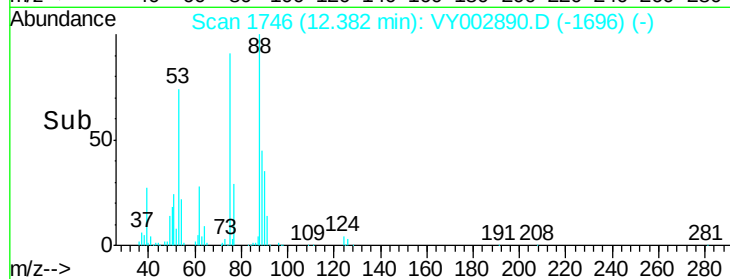
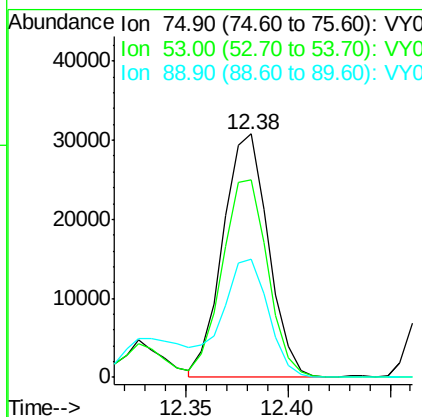
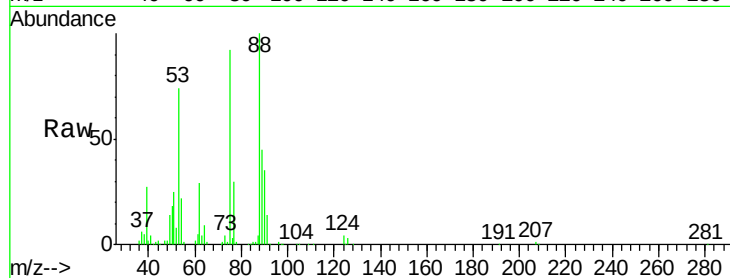




#81
trans-1,4-Dichloro-2-butene
Concen: 48.687 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

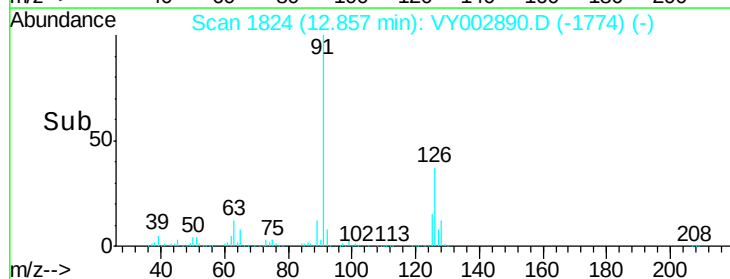
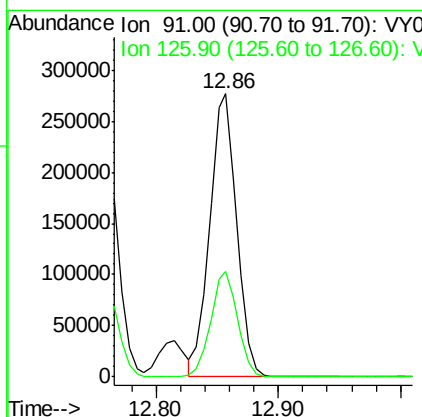
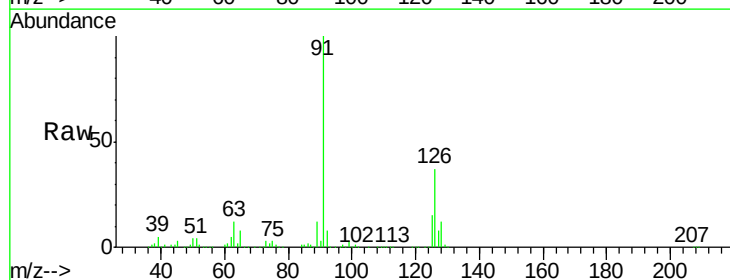
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

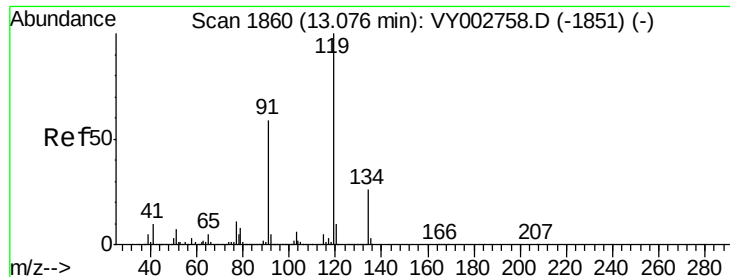
Tot Ion: 75 Resp: 47076
Ion Ratio Lower Upper
75 100
53 82.5 64.0 96.0
89 50.9 37.4 56.2



#82
4-Chlorotoluene
Concen: 48.018 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion: 91 Resp: 422332
Ion Ratio Lower Upper
91 100
126 37.3 18.5 55.5





#83

tert-Butylbenzene

Concen: 48.275 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

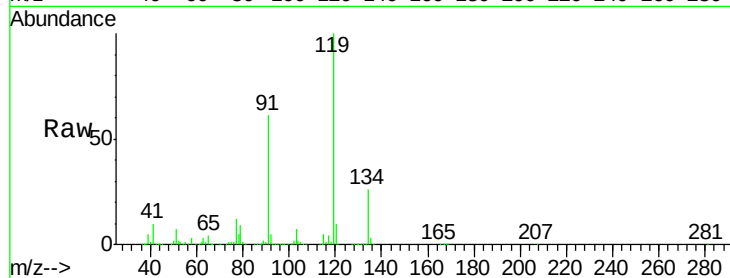
Tot Ion:119 Resp: 465816

Ion Ratio Lower Upper

119 100

91 59.2 29.8 89.4

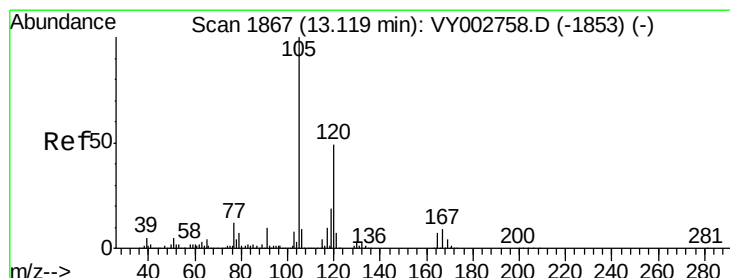
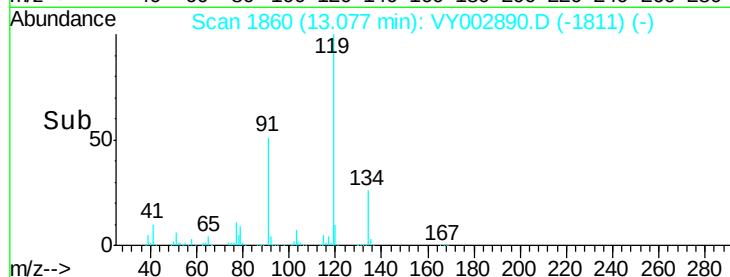
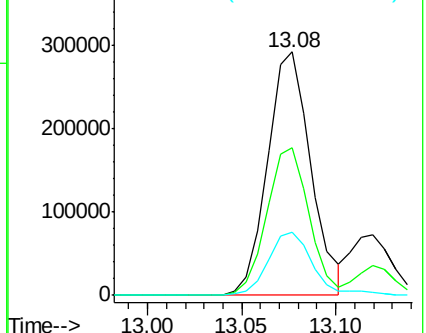
134 27.0 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.242 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002890.D

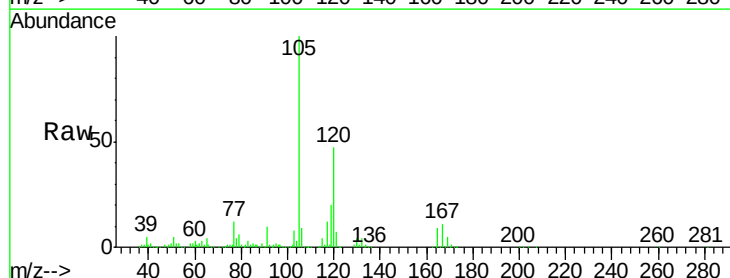
Acq: 11 Jun 2020 15:56

Tgt Ion:105 Resp: 524722

Ion Ratio Lower Upper

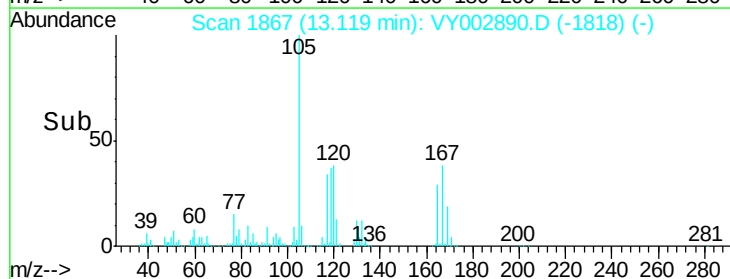
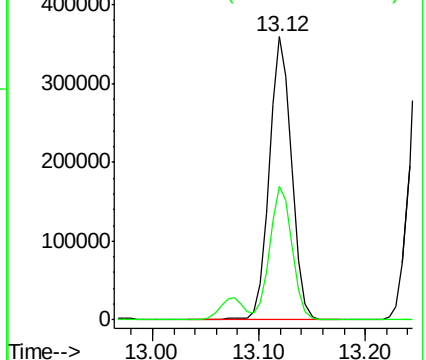
105 100

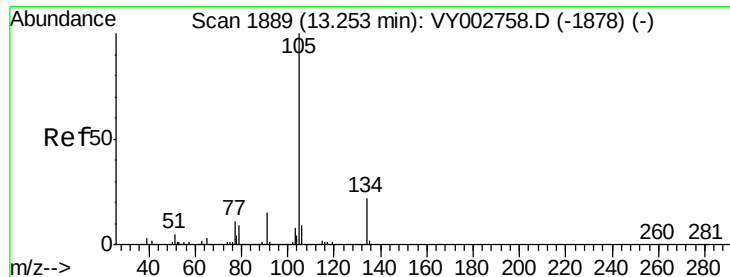
120 47.0 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.221 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

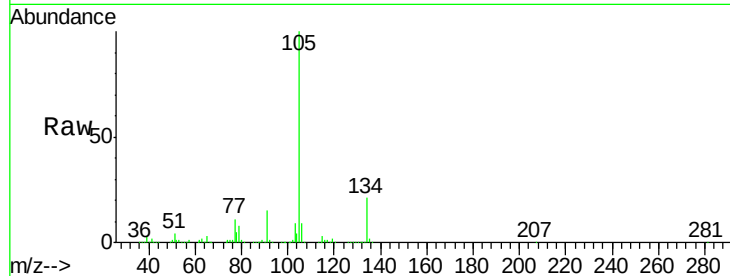
VSTDCCC050EC

Tot Ion:105 Resp: 636210

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

13.25

400000

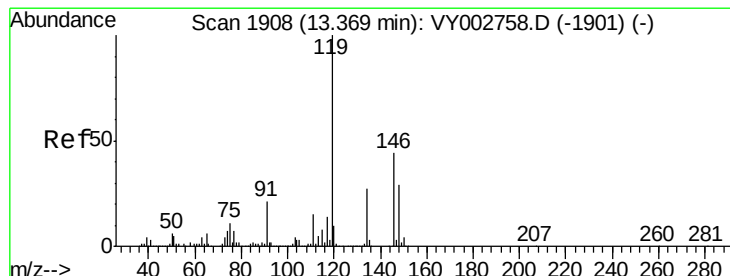
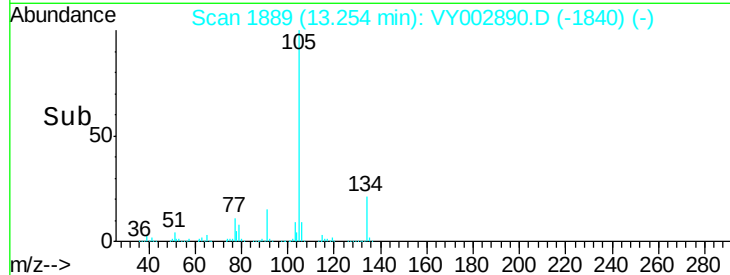
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.332 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

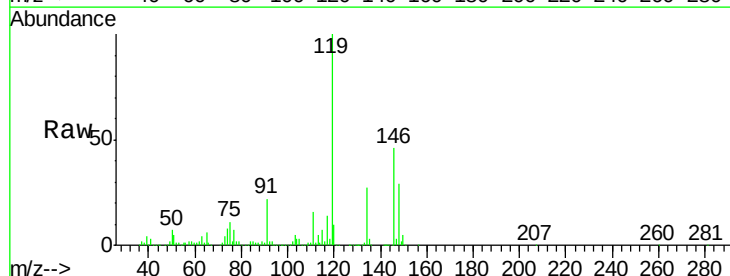
Tgt Ion:119 Resp: 593354

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 21.6 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

13.37

400000

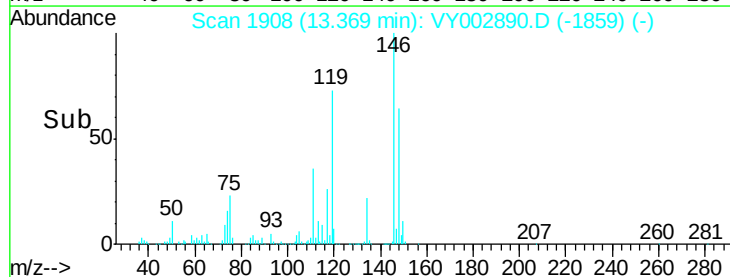
300000

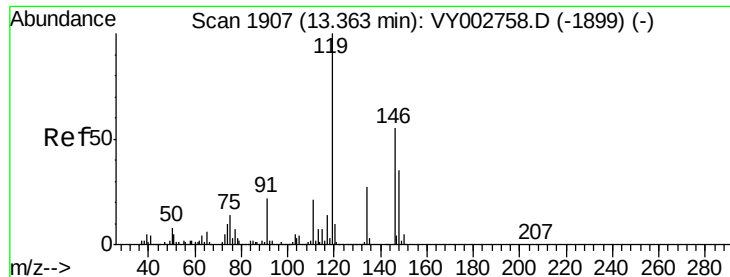
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.299 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

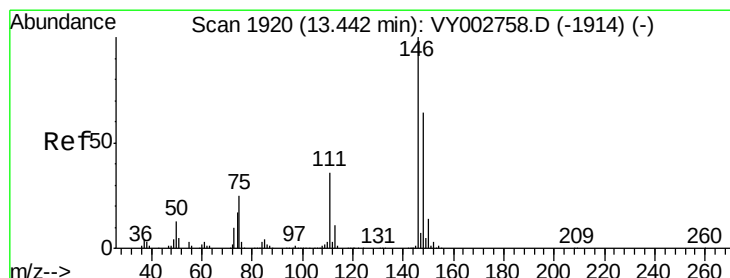
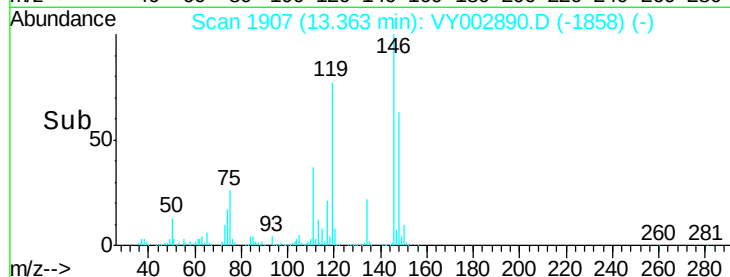
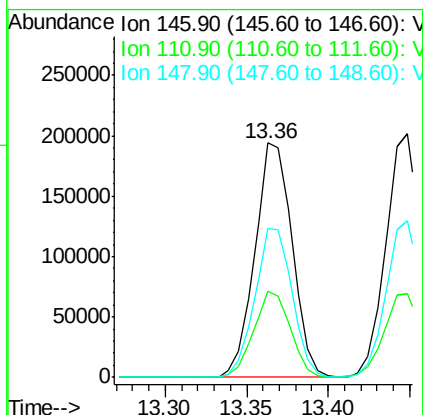
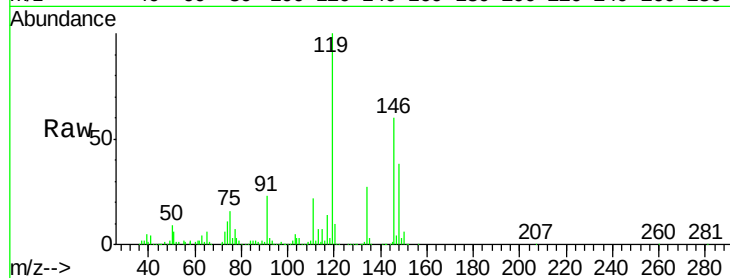
Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 308633

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.0
148	63.7	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 48.085 ug/l

RT: 13.45 min Scan# 1921

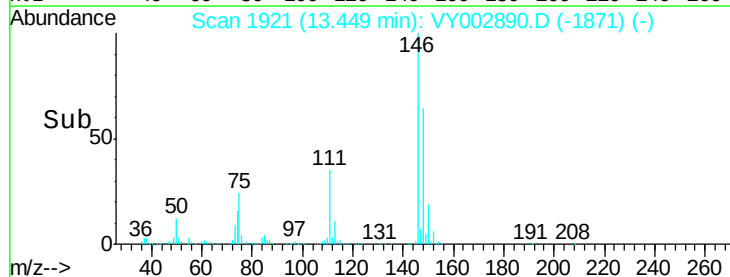
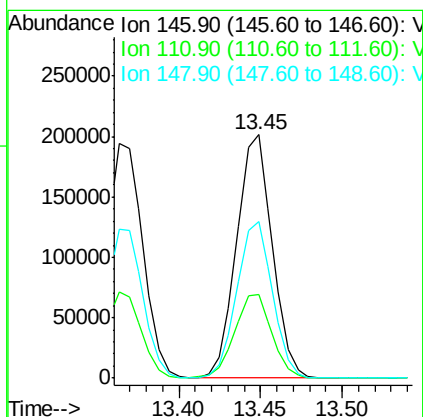
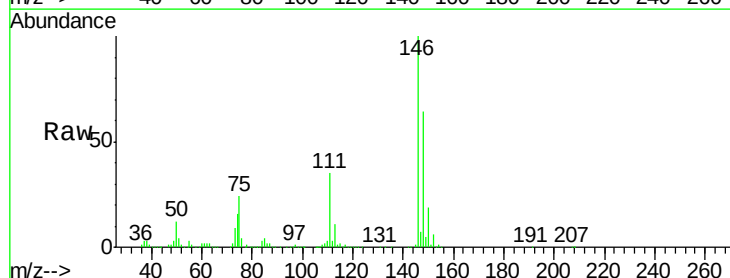
Delta R.T. 0.01 min

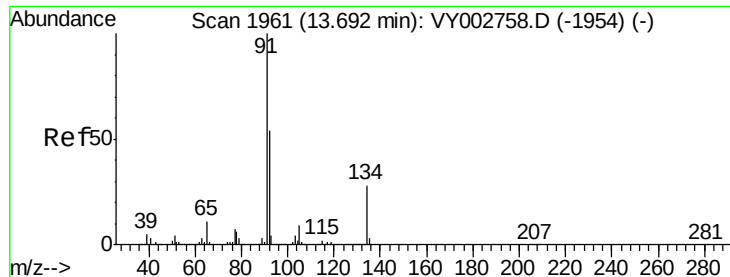
Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Tgt Ion:146 Resp: 307371

Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.3
148	64.2	32.1	96.3

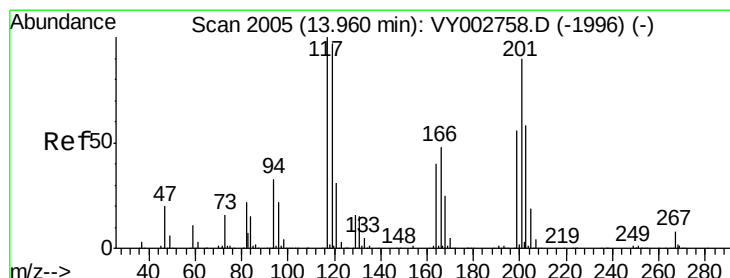
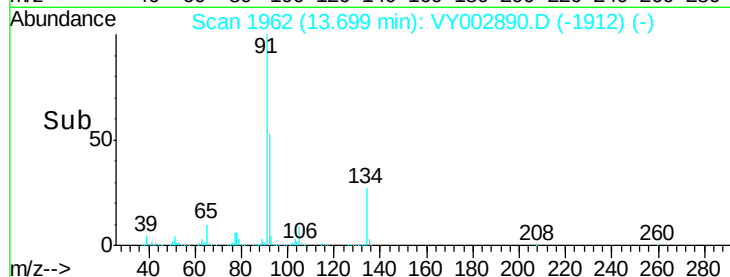
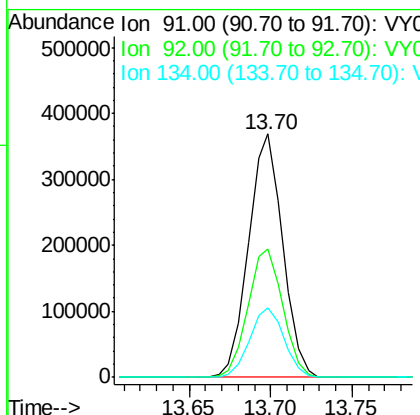
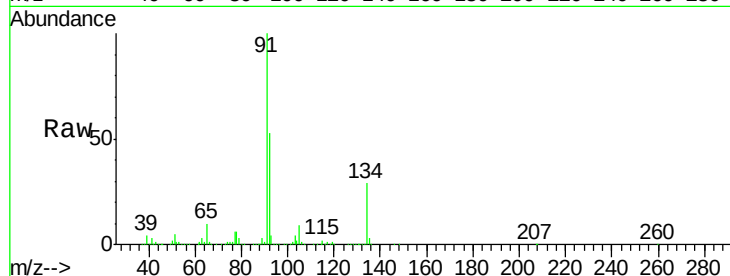




#89
n-Butylbenzene
Concen: 48.093 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

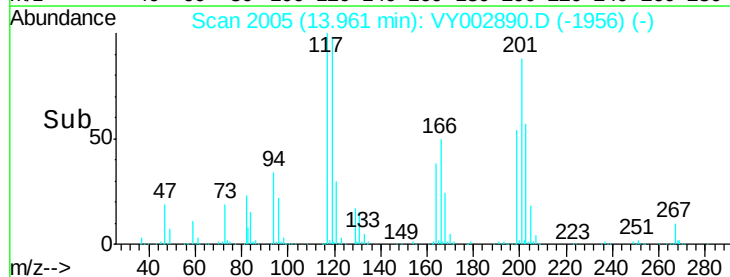
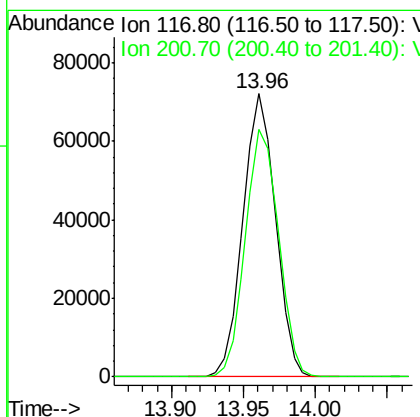
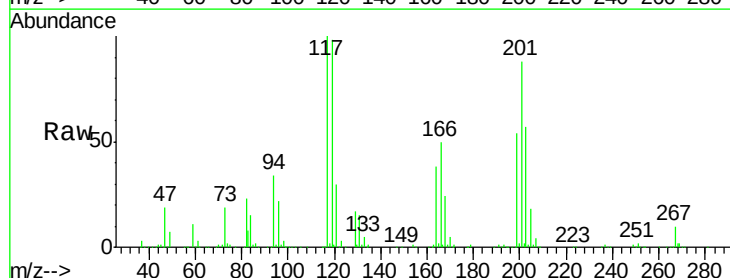
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

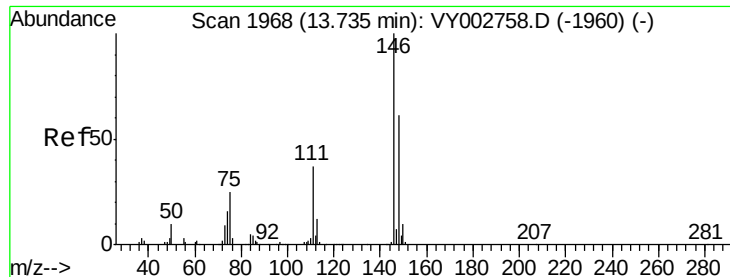
Tot Ion: 91 Resp: 536037
Ion Ratio Lower Upper
91 100
92 53.8 27.1 81.2
134 28.9 14.3 42.9



#90
Hexachloroethane
Concen: 49.034 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Tgt Ion: 117 Resp: 112695
Ion Ratio Lower Upper
117 100
201 89.1 43.9 131.6

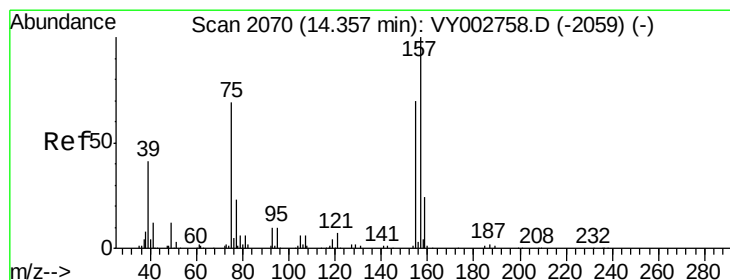
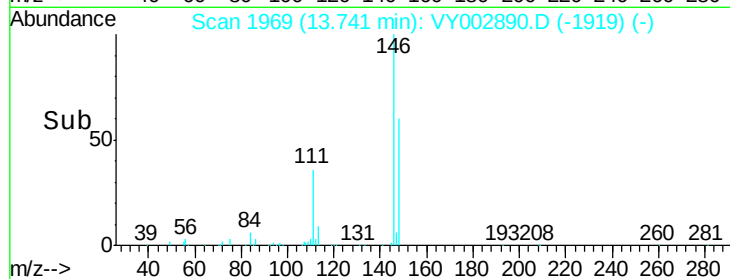
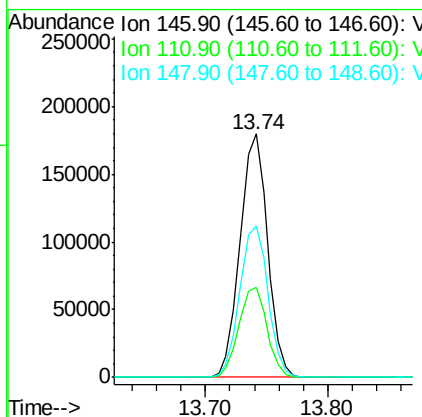
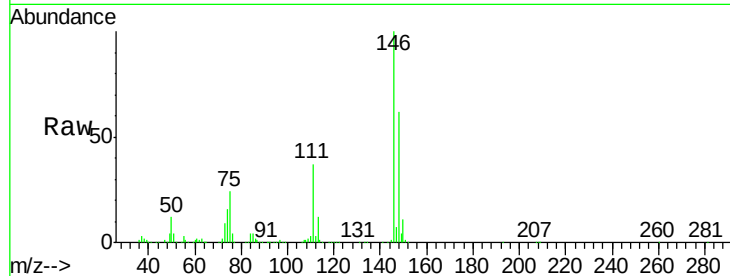




#91
 1,2-Dichlorobenzene
 Concen: 48.339 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

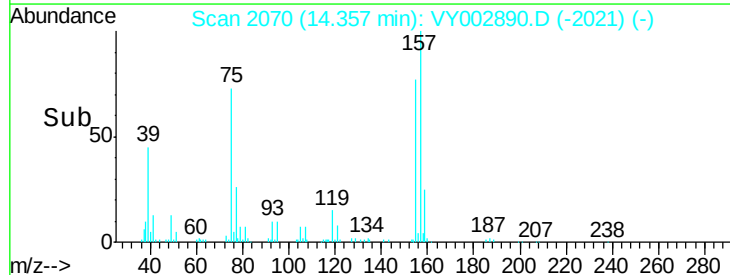
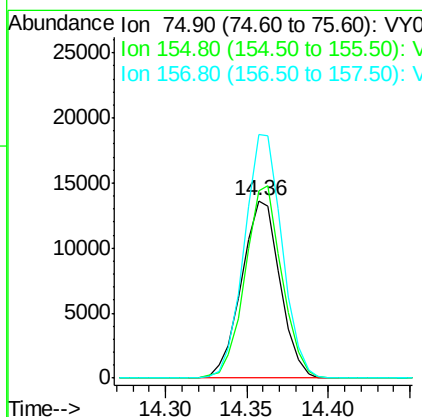
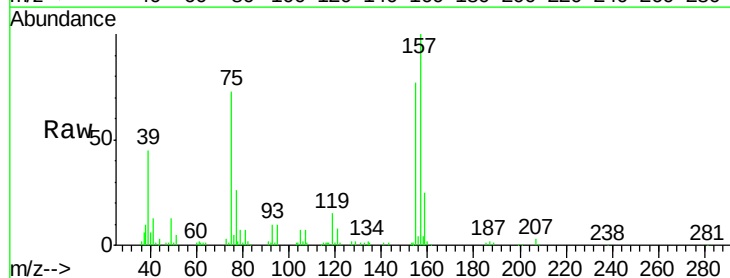
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

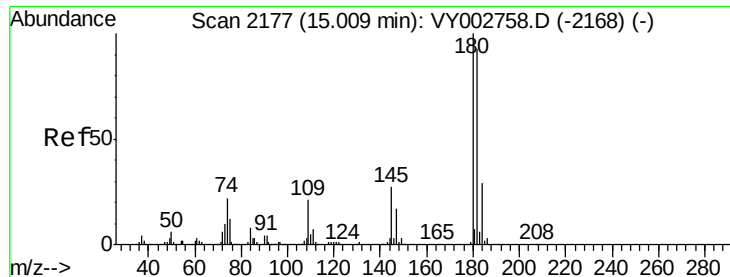
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.247 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.5	53.5	160.5
157	134.1	69.9	209.7

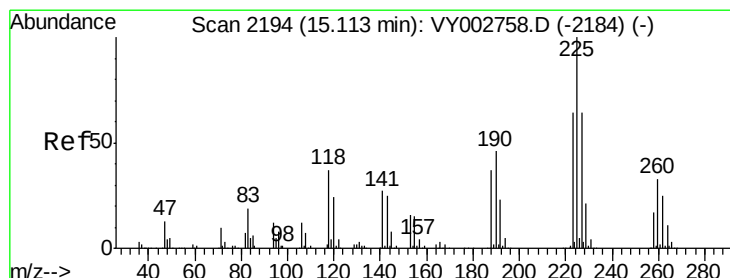
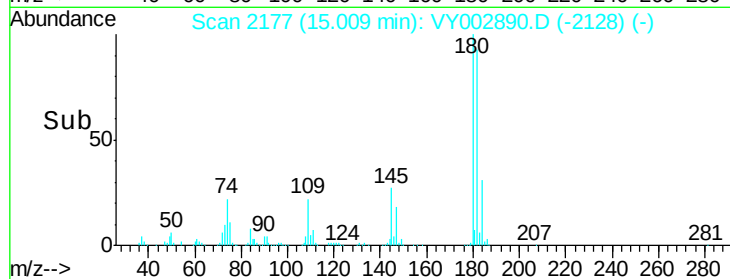
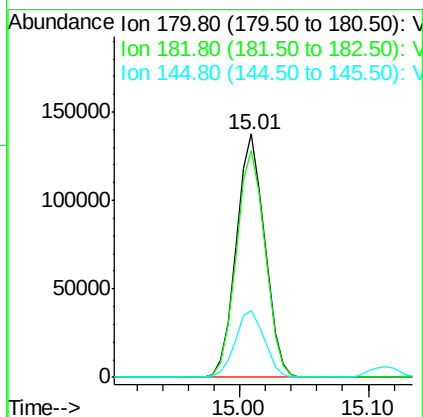
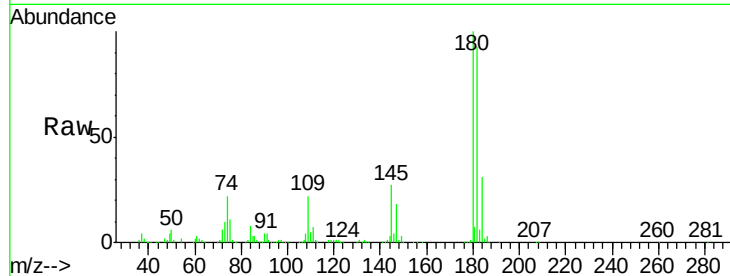




#93
 1,2,4-Trichlorobenzene
 Concen: 48.057 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

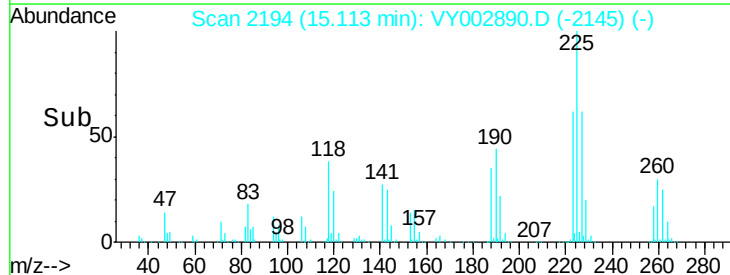
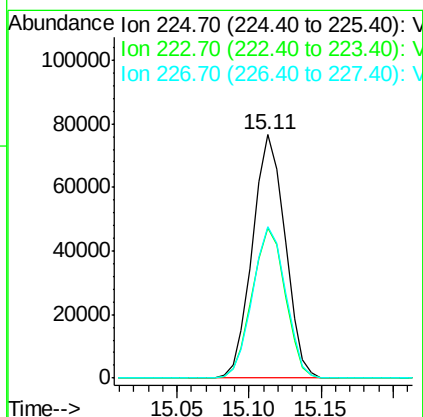
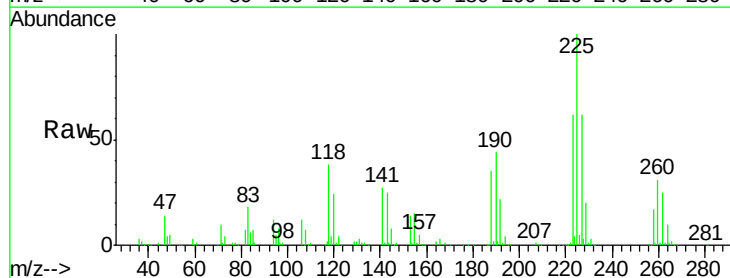
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

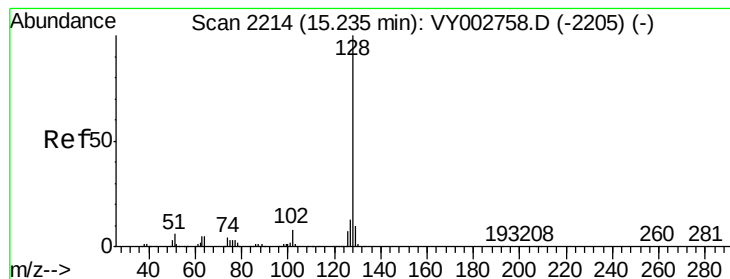
Tot Ion:180 Resp: 209916
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 141.9
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 48.372 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Tgt Ion:225 Resp: 119840
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 63.2 32.3 96.9





#95

Naphthalene

Concen: 48.823 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

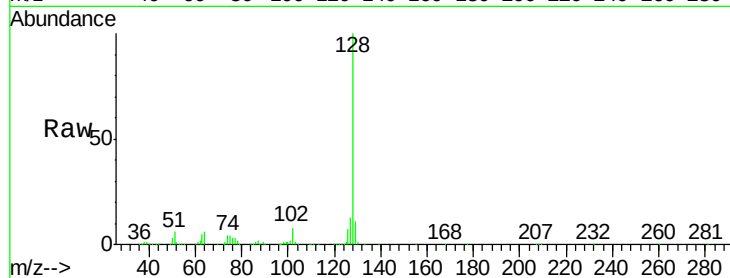
Tot Ion:128 Resp: 427599

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

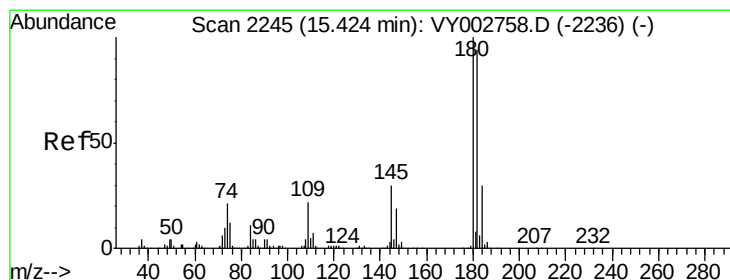
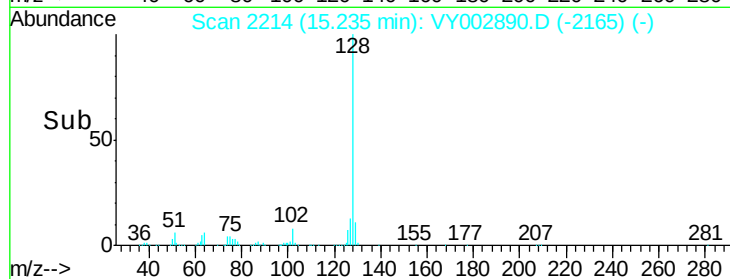
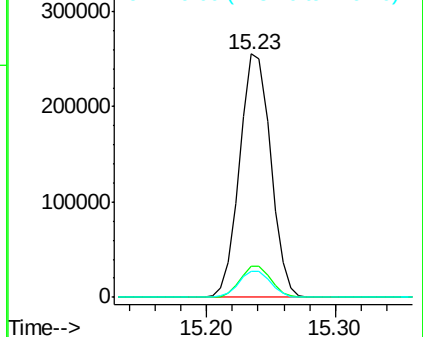
129 10.9 8.7 13.1



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: 48.203 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

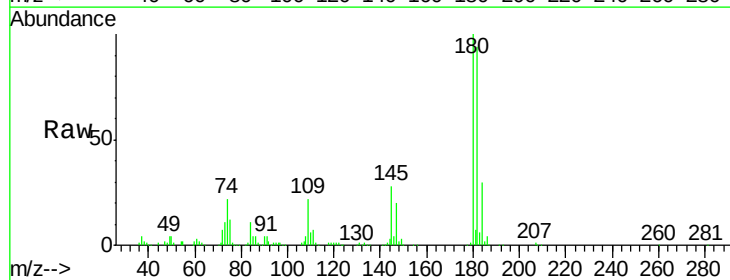
Tgt Ion:180 Resp: 188022

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.4

145 29.2 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

