

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 16:40:59 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	43.23	ug/l	98
3) Chloromethane	2.12	50	89096	44.26	ug/l	98
4) Vinyl Chloride	2.26	62	101925	47.90	ug/l	96
5) Bromomethane	2.65	94	73624	46.17	ug/l	98
6) Chloroethane	2.80	64	64266	46.59	ug/l	100
7) Trichlorofluoromethane	3.13	101	176923	46.95	ug/l	97
8) Diethyl Ether	3.54	74	68481	46.54	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	109242	48.82	ug/l	99
10) Methyl Iodide	4.10	142	145395	46.44	ug/l	100
11) Tert butyl alcohol	4.97	59	58844	237.76	ug/l	99
12) 1,1-Dichloroethene	3.88	96	107292	47.68	ug/l	99
13) Acrolein	3.74	56	60232	223.79	ug/l	100
14) Allyl chloride	4.49	41	158270	49.04	ug/l	100
15) Acrylonitrile	5.18	53	171699	258.64	ug/l	99
16) Acetone	3.96	43	136457	253.38	ug/l	99
17) Carbon Disulfide	4.20	76	290299	42.69	ug/l	99
18) Methyl Acetate	4.49	43	71665	53.09	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	314471	50.62	ug/l	99
20) Methylene Chloride	4.72	84	129721	49.29	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	119007	47.03	ug/l	98
22) Diisopropyl ether	6.13	45	338578	50.48	ug/l	97
23) Vinyl Acetate	6.07	43	1144437	258.47	ug/l	99
24) 1,1-Dichloroethane	6.03	63	196922	50.19	ug/l	99
25) 2-Butanone	7.00	43	209038	249.14	ug/l	100
26) 2,2-Dichloropropane	6.99	77	180424	47.95	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	139508	49.25	ug/l	99
28) Bromochloromethane	7.34	49	81651	50.70	ug/l	99
29) Tetrahydrofuran	7.35	42	138535	253.84	ug/l	99
30) Chloroform	7.52	83	211825	50.88	ug/l	98
31) Cyclohexane	7.79	56	169515	43.52	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	190537	49.12	ug/l	100
36) 1,1-Dichloropropene	7.93	75	156843	47.55	ug/l	99
37) Ethyl Acetate	7.08	43	91682	51.08	ug/l	99
38) Carbon Tetrachloride	7.91	117	178085	48.60	ug/l	98

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

39) Methylcyclohexane	9.19	83	196974	45.30	ug/l	98
40) Benzene	8.16	78	474982	48.73	ug/l	100
41) Methacrylonitrile	7.35	41	126825	131.53	ug/l #	31
42) 1,2-Dichloroethane	8.24	62	135070	49.45	ug/l	100
43) Isopropyl Acetate	8.28	43	172769	50.80	ug/l	100
44) Trichloroethene	8.94	130	146954	47.73	ug/l	100
45) 1,2-Dichloropropane	9.22	63	117312	50.19	ug/l	99
46) Dibromomethane	9.31	93	69490	50.06	ug/l	100
47) Bromodichloromethane	9.50	83	168171	51.39	ug/l	96
48) Methyl methacrylate	9.30	41	77642	50.57	ug/l	99
49) 1,4-Dioxane	9.30	88	20984	984.45	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	467976	259.84	ug/l	100
52) Toluene	10.25	92	310826	48.75	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	182001	50.92	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	204628	50.52	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	107966	50.80	ug/l	94
56) Ethyl methacrylate	10.51	69	145152	50.99	ug/l	99
57) 1,3-Dichloropropane	10.79	76	176747	50.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	370692	266.50	ug/l	100
59) 2-Hexanone	10.83	43	334217	261.55	ug/l	100
60) Dibromochloromethane	10.99	129	137599	51.07	ug/l	100
61) 1,2-Dibromoethane	11.09	107	104287	49.74	ug/l	99
64) Tetrachloroethene	10.72	164	154288	45.93	ug/l	98
65) Chlorobenzene	11.52	112	356566	48.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	138022	50.17	ug/l	100
67) Ethyl Benzene	11.59	91	609585	48.14	ug/l	100
68) m/p-Xylenes	11.70	106	475567	96.86	ug/l	100
69) o-Xylene	12.03	106	228821	49.37	ug/l	99
70) Styrene	12.05	104	400890	49.89	ug/l	99
71) Bromoform	12.20	173	94474	51.32	ug/l #	100
73) Isopropylbenzene	12.33	105	621677	47.98	ug/l	100
74) N-amyl acetate	12.14	43	165371	49.75	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	117796	51.82	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	168550	92.53	ug/l #	100
77) Bromobenzene	12.61	156	161708	47.94	ug/l	99
78) n-propylbenzene	12.67	91	718394	48.00	ug/l	100
79) 2-Chlorotoluene	12.75	91	400143	47.67	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	521872	48.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	47076	48.69	ug/l	96
82) 4-Chlorotoluene	12.86	91	422332	48.02	ug/l	100
83) tert-Butylbenzene	13.08	119	465816	48.27	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	524722	48.24	ug/l	100
85) sec-Butylbenzene	13.25	105	636210	48.22	ug/l	100
86) p-Isopropyltoluene	13.37	119	593354	48.33	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	308633	48.30	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	307371	48.09	ug/l	100
89) n-Butylbenzene	13.70	91	536037	48.09	ug/l	99
90) Hexachloroethane	13.96	117	112695	49.03	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	280133	48.34	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22412	51.25	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

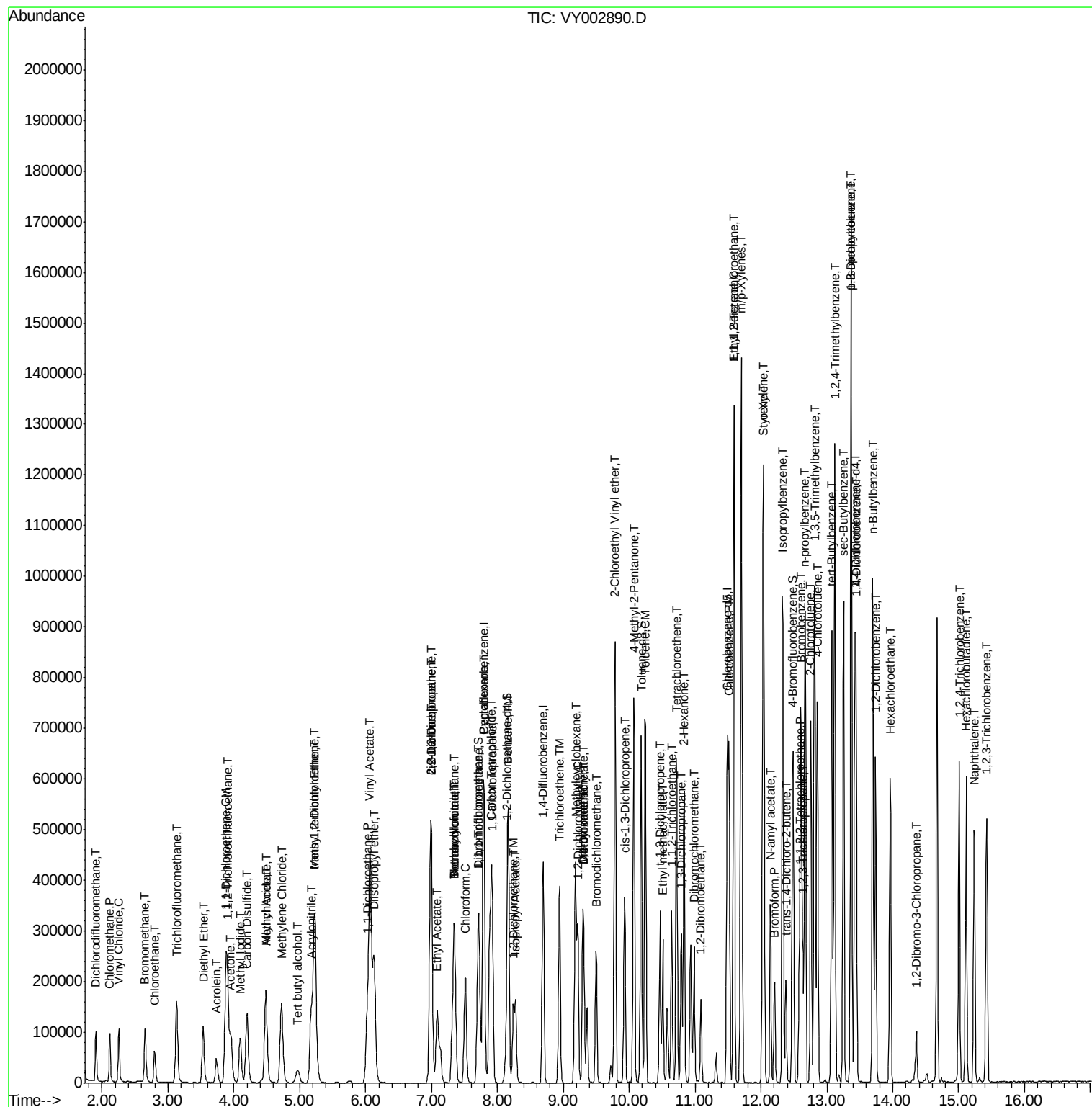
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	209916	48.06	ug/l	100
94) Hexachlorobutadiene	15.11	225	119840	48.37	ug/l	99
95) Naphthalene	15.23	128	427599	48.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	188022	48.20	ug/l	98

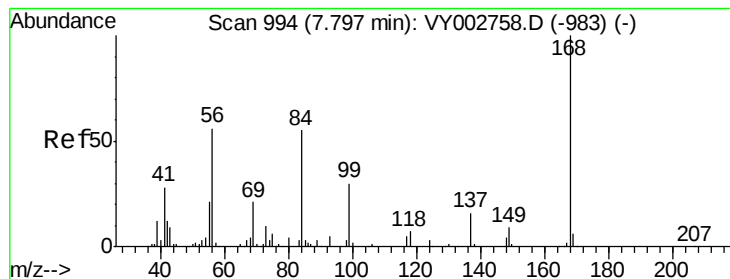
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 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 :

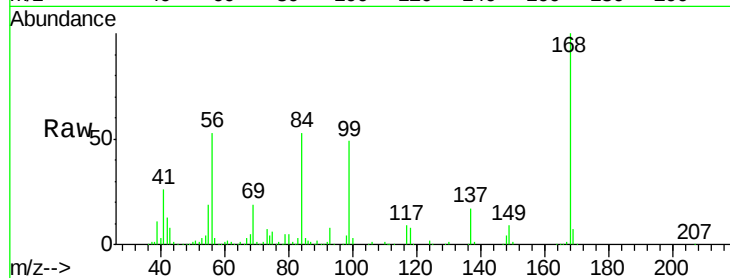
VSTDCCC050EC

Tgt Ion:168 Resp: 264507

Ion Ratio Lower Upper

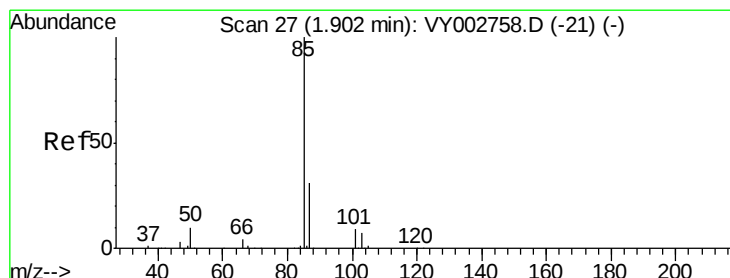
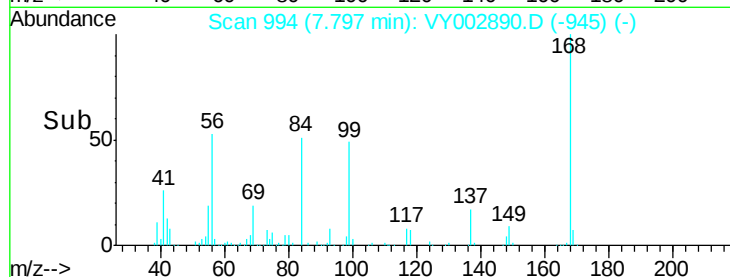
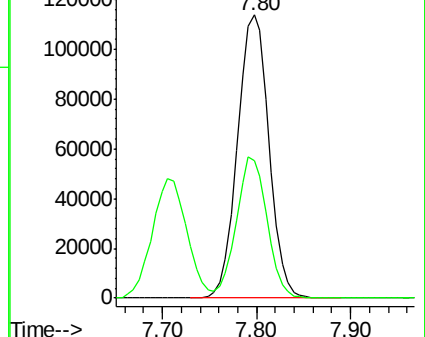
168 100

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: 43.23 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002890.D

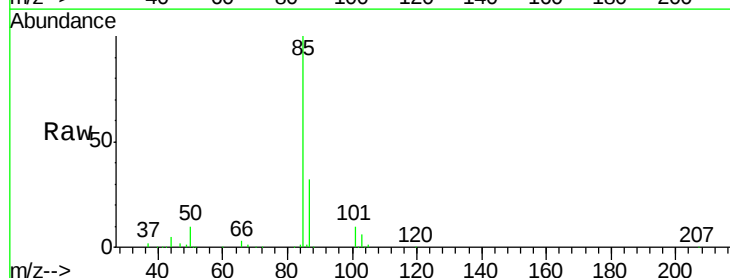
Acq: 11 Jun 2020 15:56

Tgt Ion: 85 Resp: 78684

Ion Ratio Lower Upper

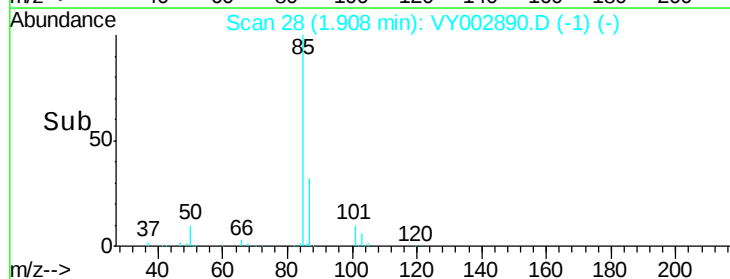
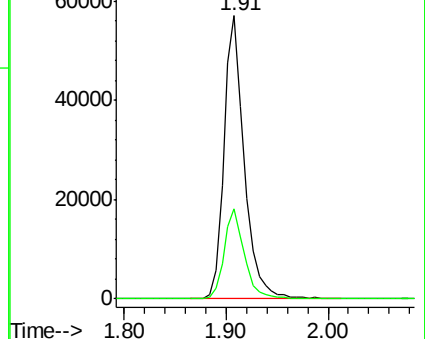
85 100

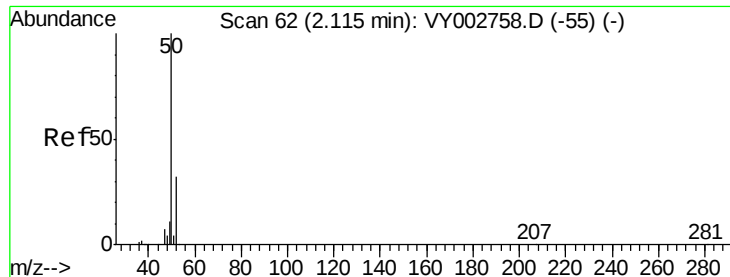
87 32.0 15.5 46.5



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: 44.26 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 :

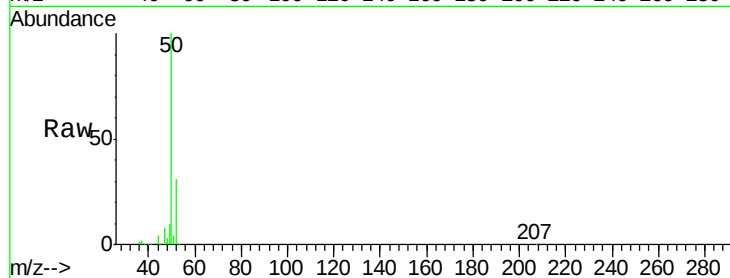
VSTDCCC050EC

Tgt Ion: 50 Resp: 89096

Ion Ratio Lower Upper

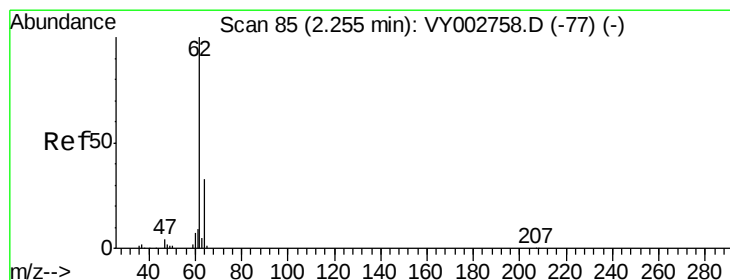
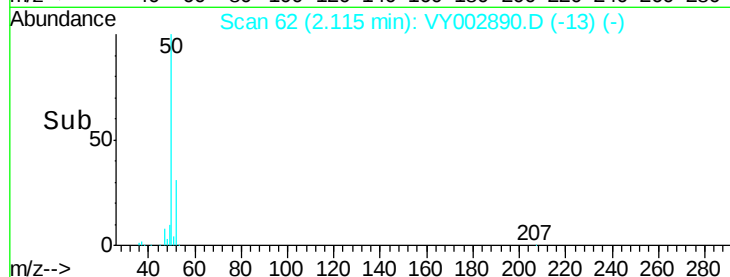
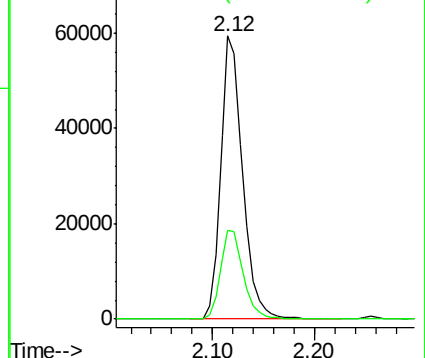
50 100

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: 47.90 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002890.D

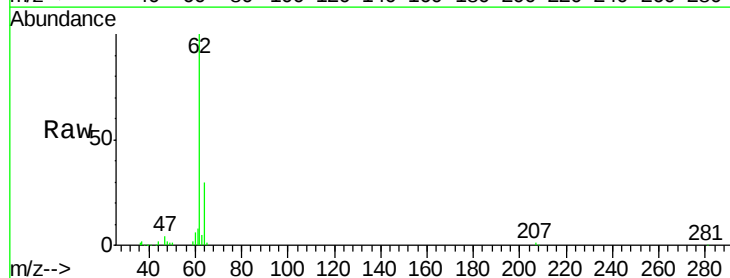
Acq: 11 Jun 2020 15:56

Tgt Ion: 62 Resp: 101925

Ion Ratio Lower Upper

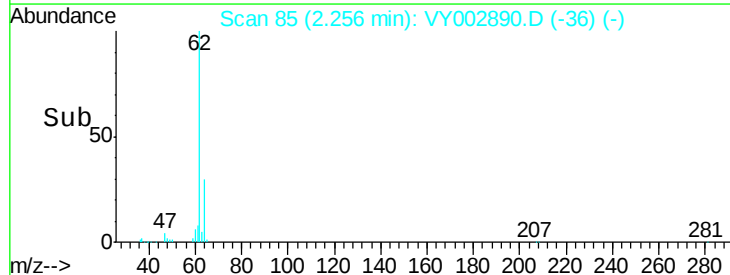
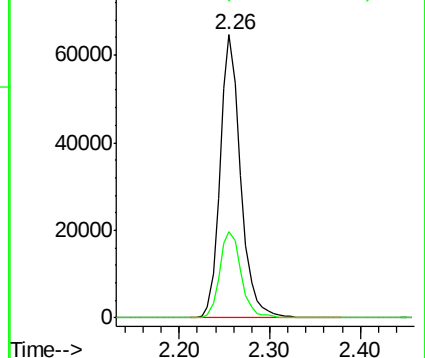
62 100

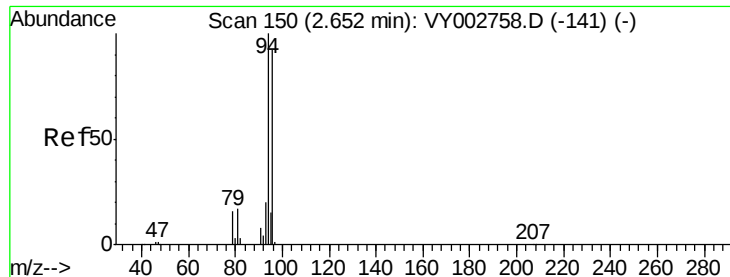
64 30.5 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.17 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 :

MSVOA_Y

ClientSampleId :

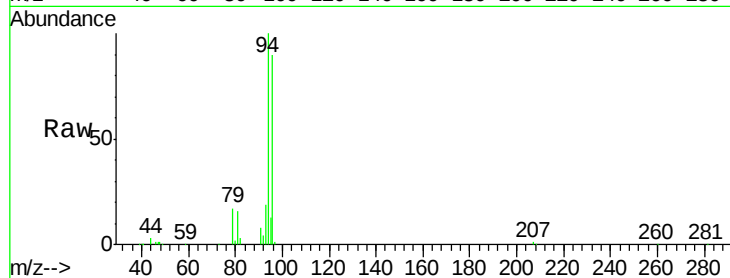
VSTDCCC050EC

Tgt Ion: 94 Resp: 73624

Ion Ratio Lower Upper

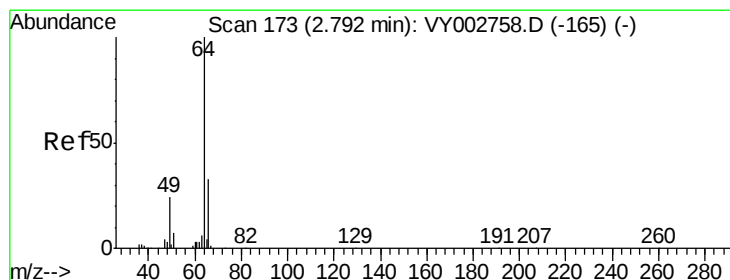
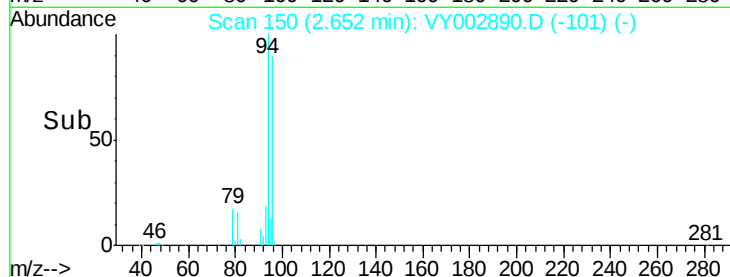
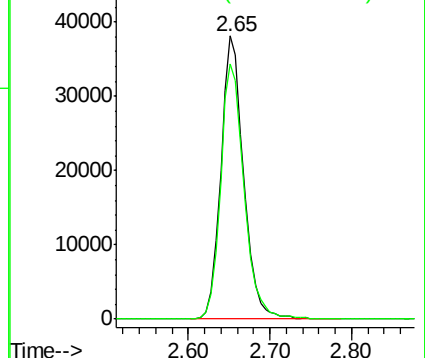
94 100

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: 46.59 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002890.D

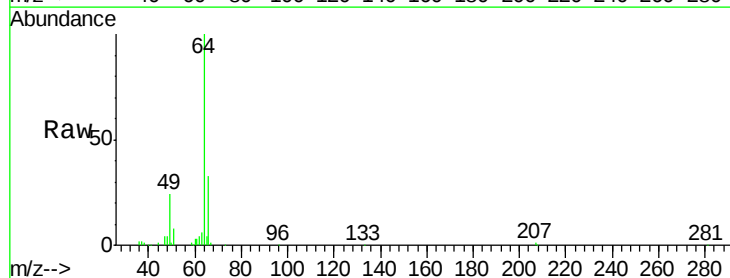
Acq: 11 Jun 2020 15:56

Tgt Ion: 64 Resp: 64266

Ion Ratio Lower Upper

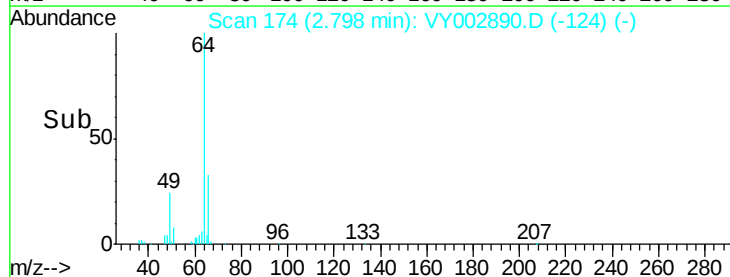
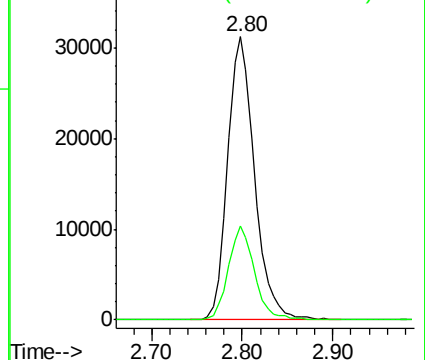
64 100

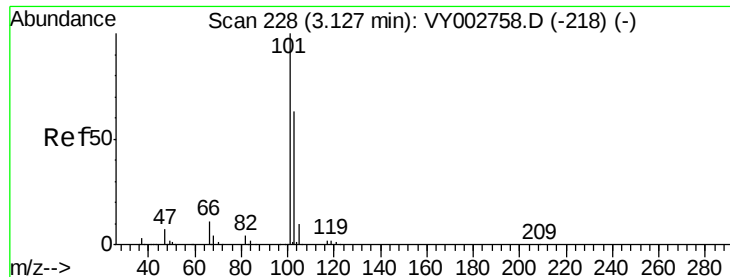
66 33.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



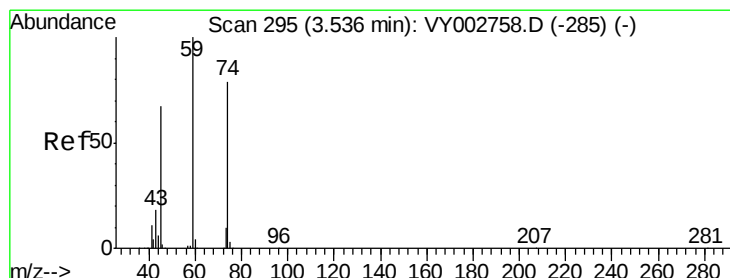
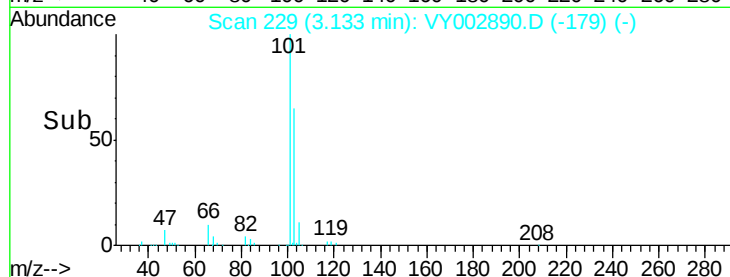
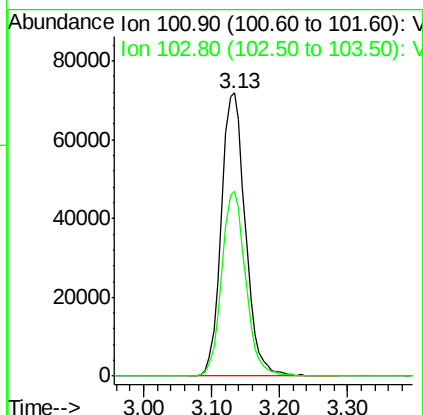
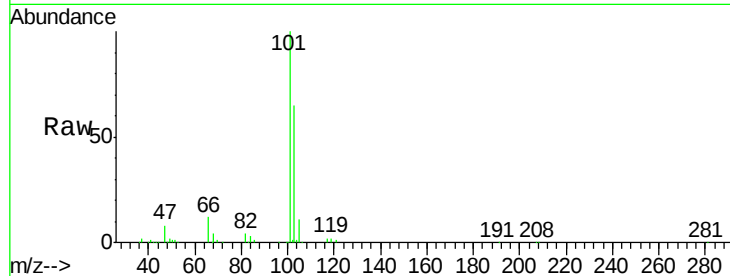


#7

Trichlorofluoromethane
 Concen: 46.95 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

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 VSTDCCC050EC

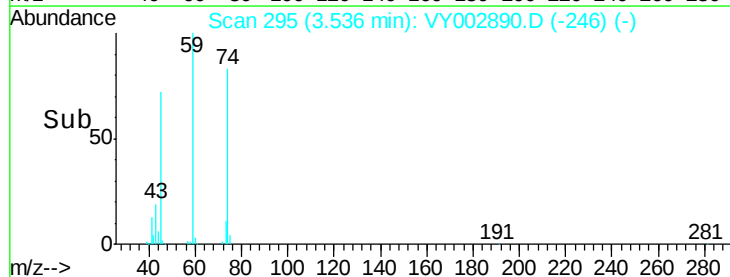
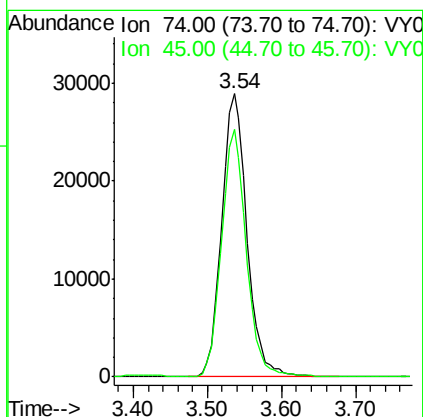
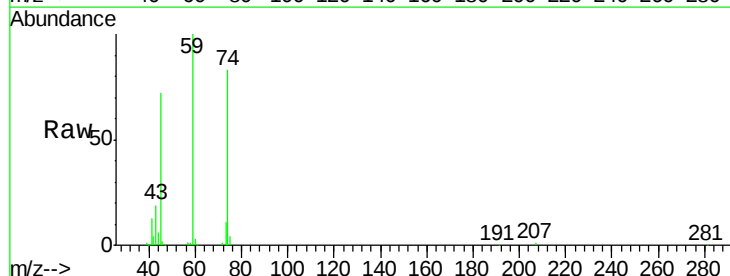
Tgt Ion: 101 Resp: 176923
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.6 76.0

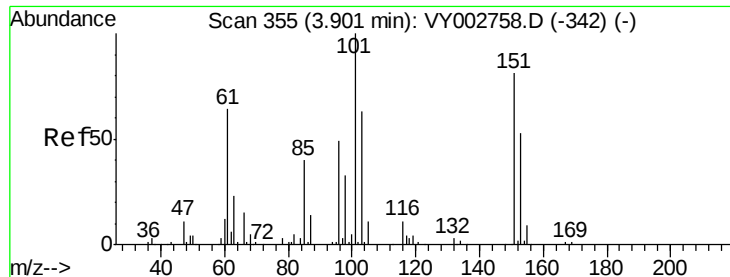


#8

Diethyl Ether
 Concen: 46.54 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: 48.82 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

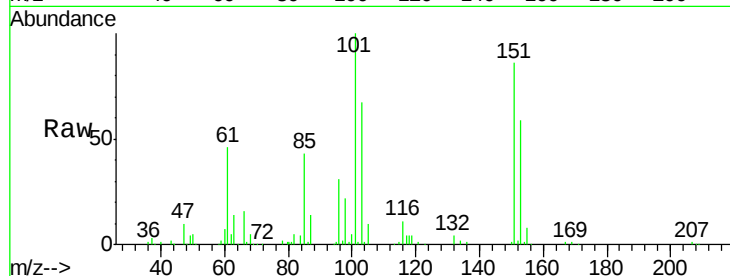
Tgt Ion:101 Resp: 109242

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

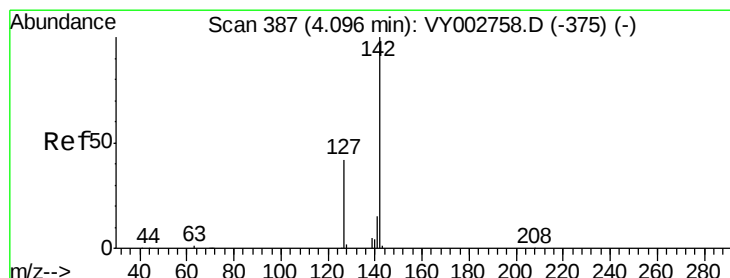
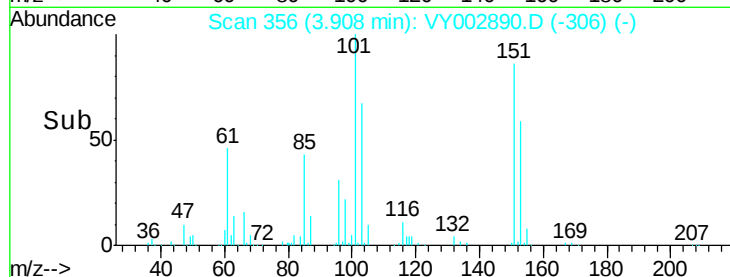
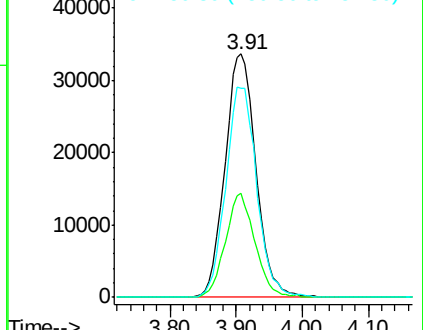
151 86.7 68.0 102.0



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: 46.44 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

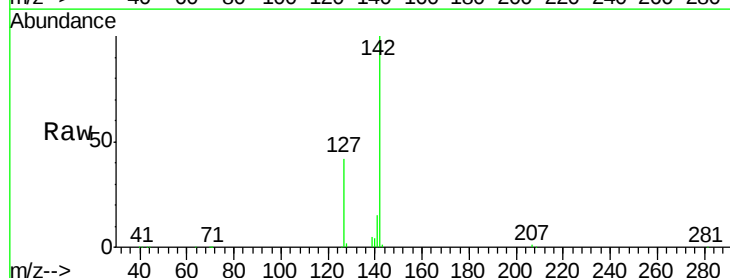
Tgt Ion:142 Resp: 145395

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

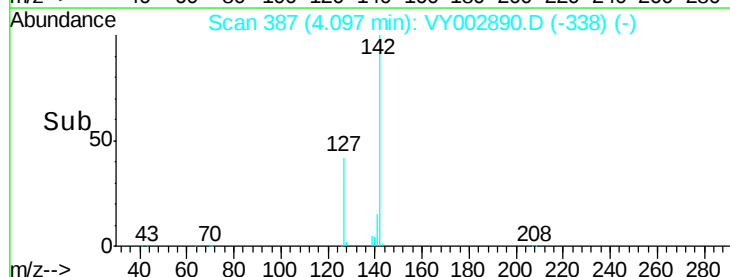
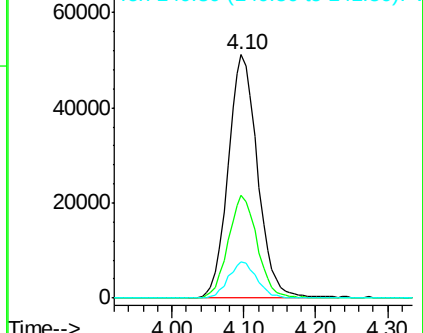
141 14.5 11.5 17.3

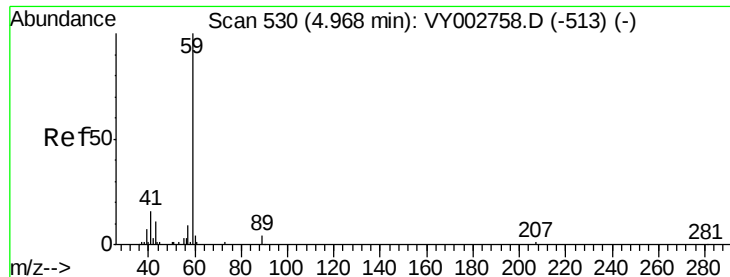


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 237.76 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 :

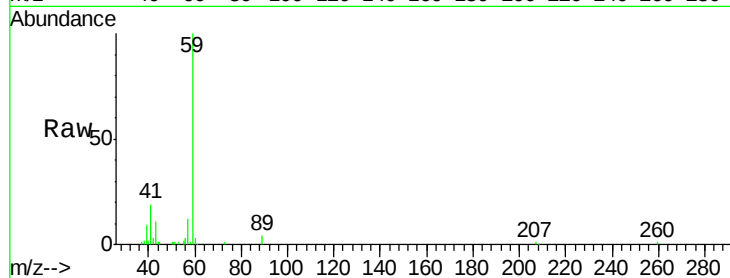
VSTDCCC050EC

Tgt Ion: 59 Resp: 58844

Ion Ratio Lower Upper

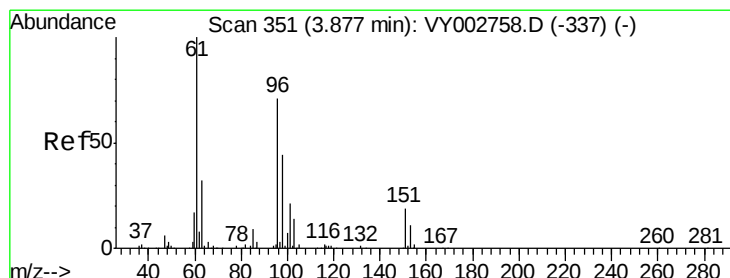
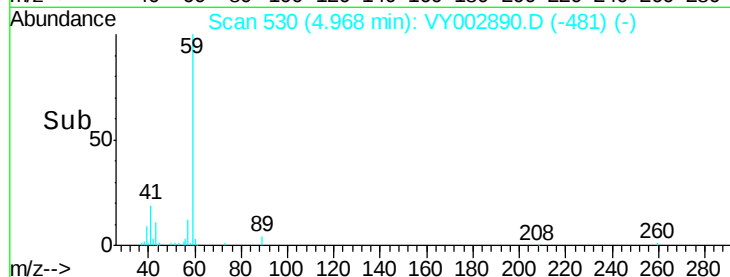
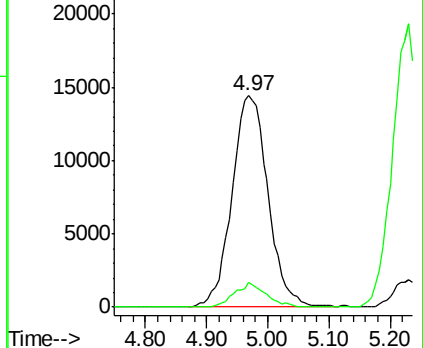
59 100

57 10.0 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 47.68 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

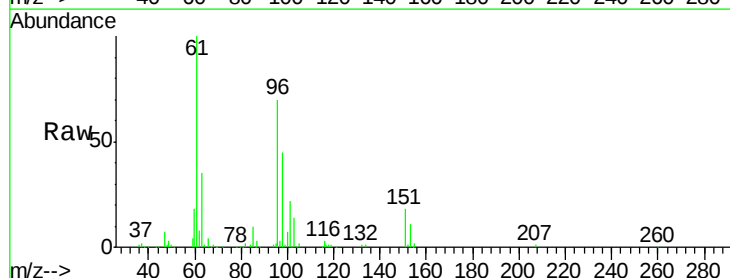
Tgt Ion: 96 Resp: 107292

Ion Ratio Lower Upper

96 100

61 142.4 112.6 168.8

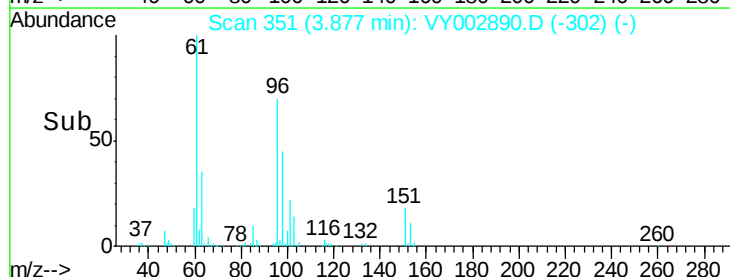
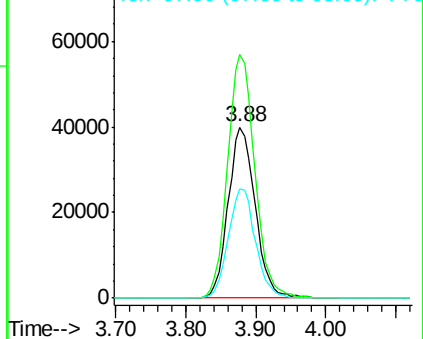
98 63.5 50.0 75.0

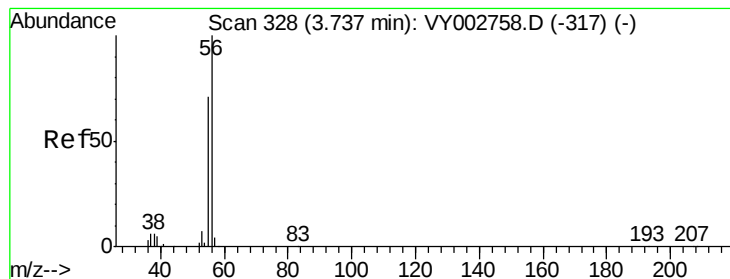


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 223.79 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 :

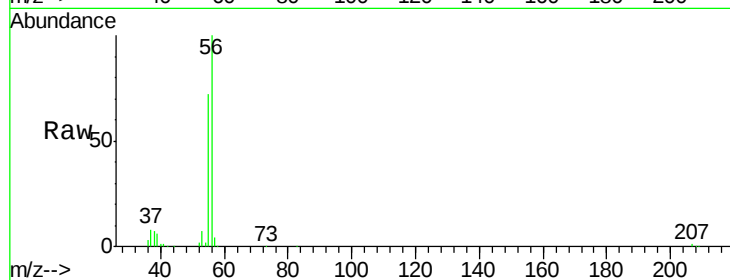
VSTDCCC050EC

Tgt 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

3.74

25000

20000

15000

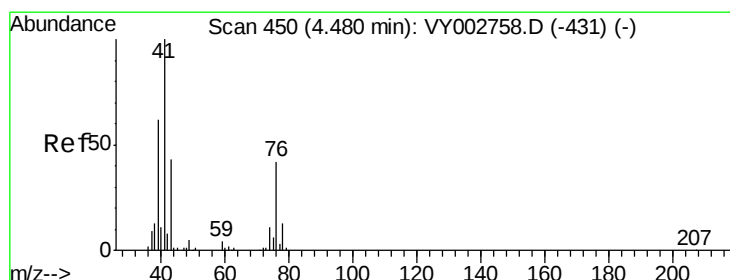
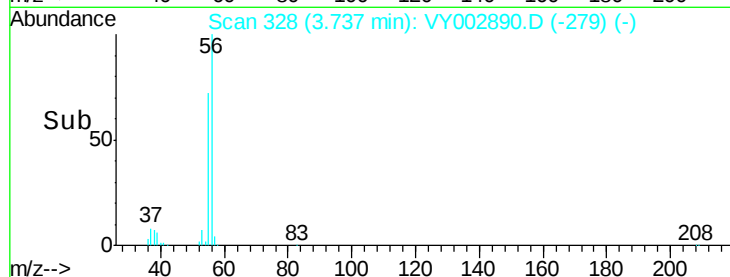
10000

5000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 49.04 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

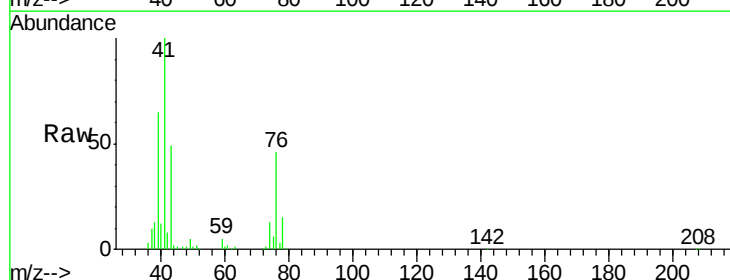
Tgt Ion: 41 Resp: 158270

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

60000

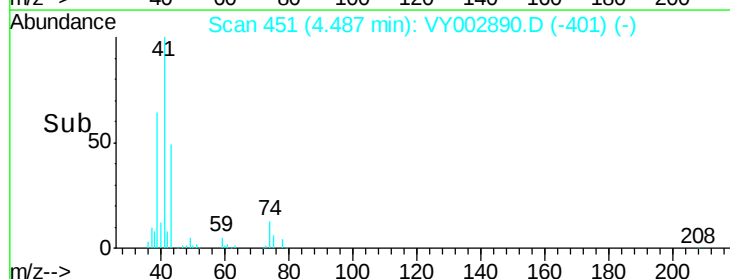
40000

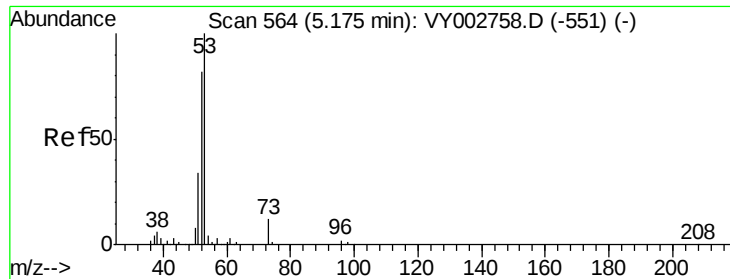
20000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 258.64 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

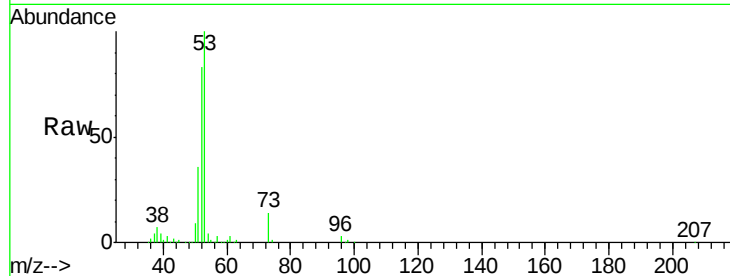
Tgt Ion: 53 Resp: 171699

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

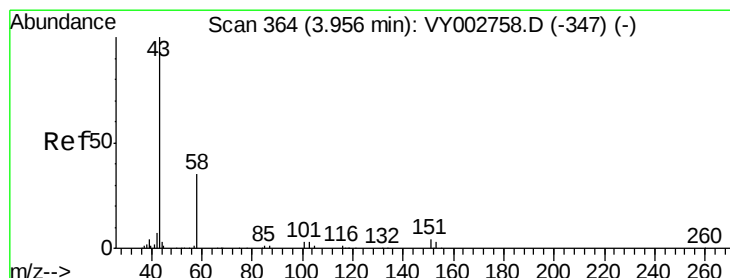
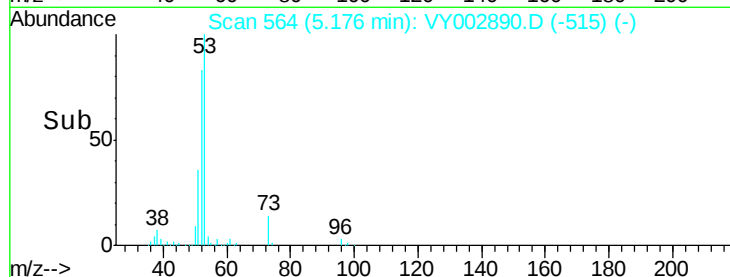
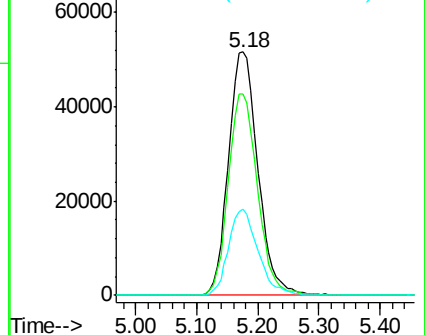
51 35.5 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002890.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002890.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002890.D (-515) (-)



#16

Acetone

Concen: 253.38 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002890.D

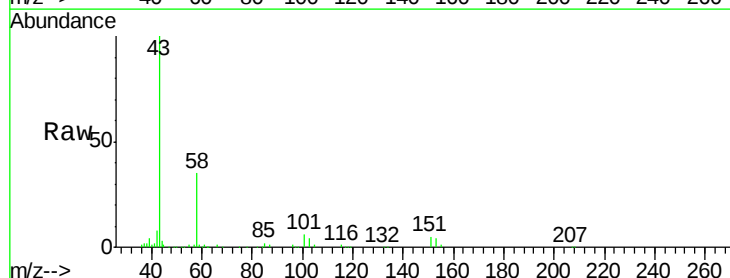
Acq: 11 Jun 2020 15:56

Tgt Ion: 43 Resp: 136457

Ion Ratio Lower Upper

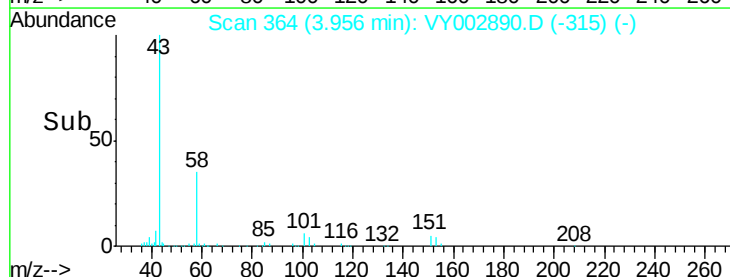
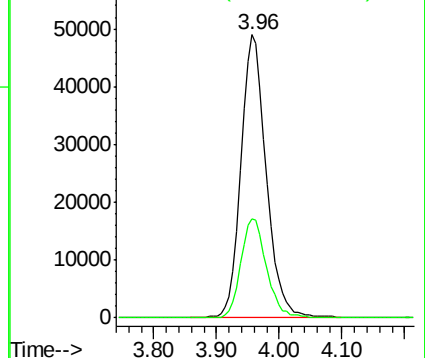
43 100

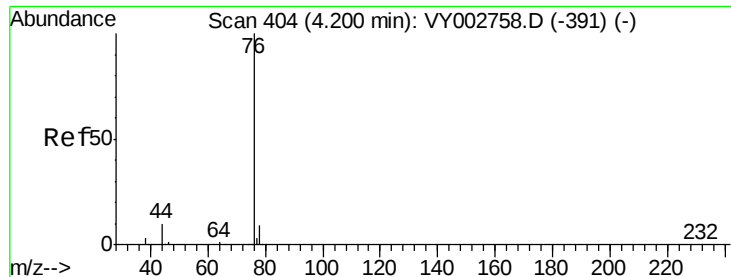
58 35.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002890.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002890.D (-315) (-)





#17

Carbon Disulfide

Concen: 42.69 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 :

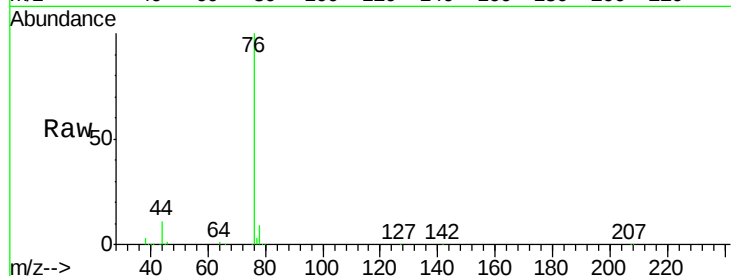
VSTDCCC050EC

Tgt Ion: 76 Resp: 290299

Ion Ratio Lower Upper

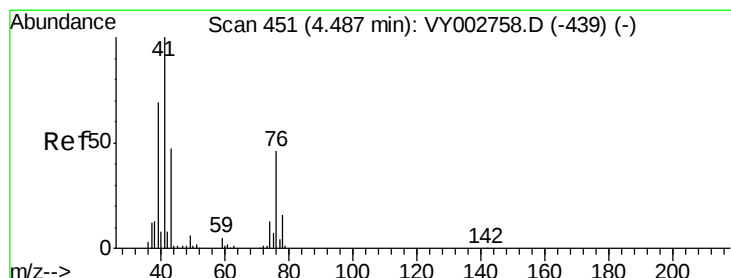
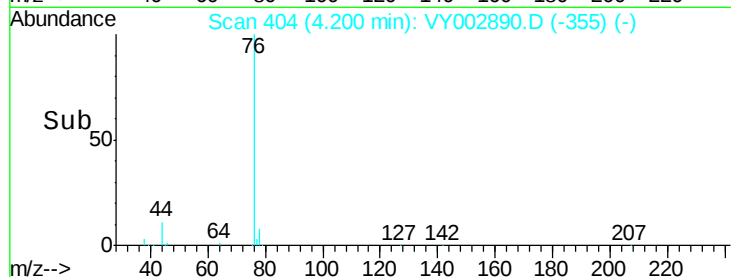
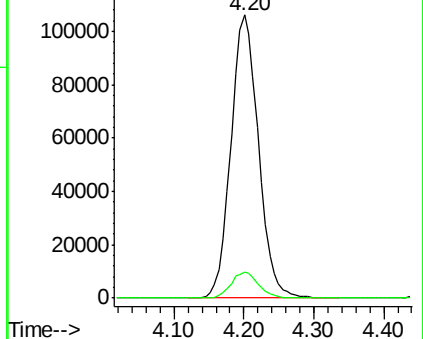
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002890.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY002890.D (-391) (-)



#18

Methyl Acetate

Concen: 53.09 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002890.D

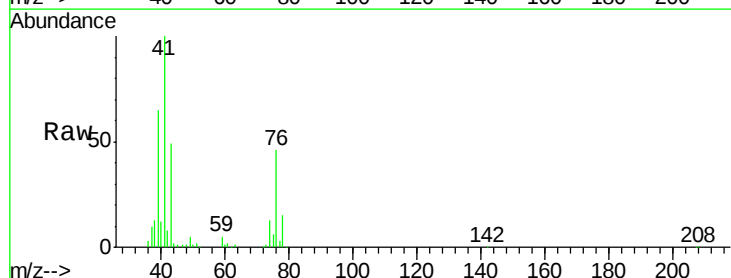
Acq: 11 Jun 2020 15:56

Tgt Ion: 43 Resp: 71665

Ion Ratio Lower Upper

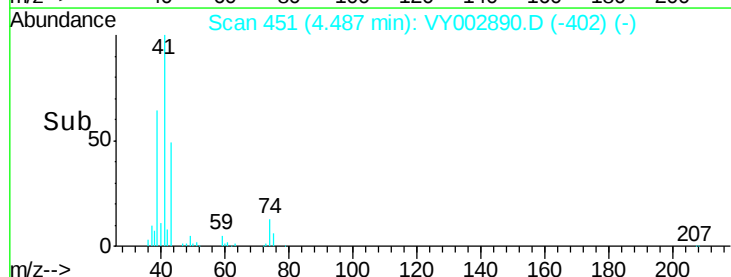
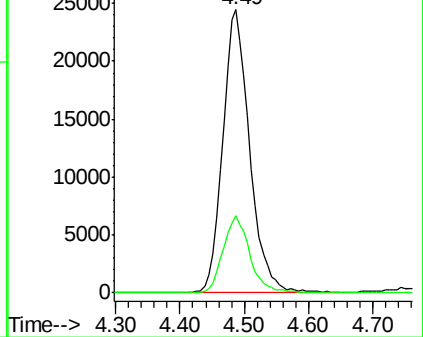
43 100

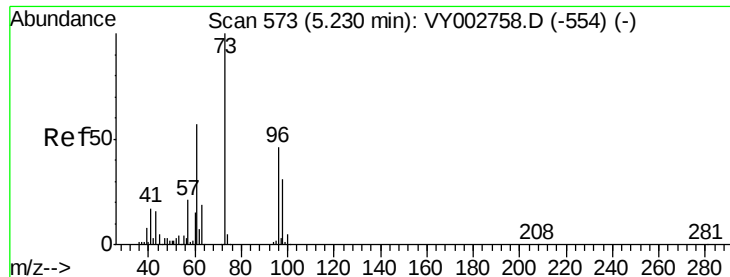
74 27.0 21.4 32.0



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

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

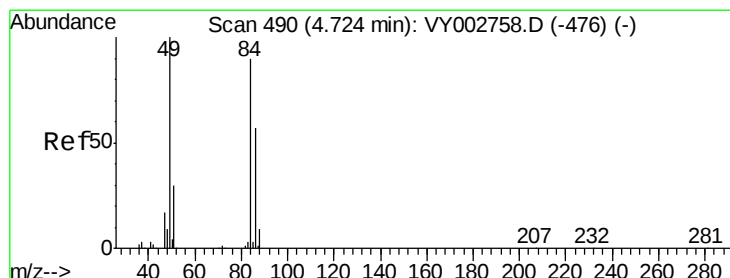
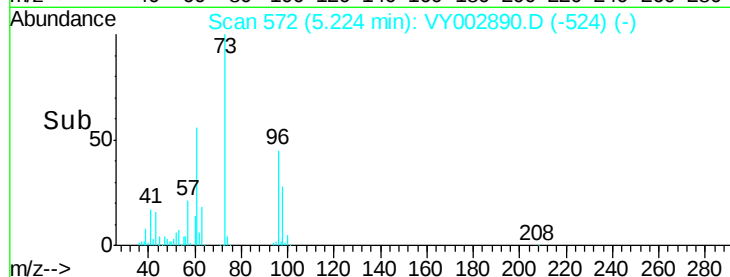
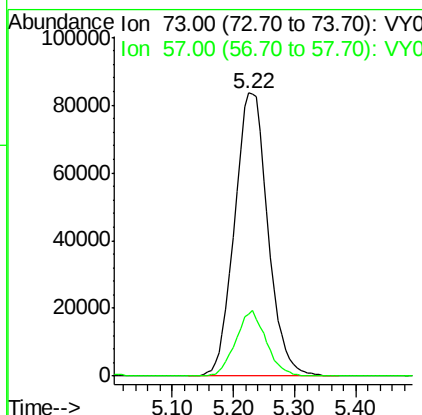
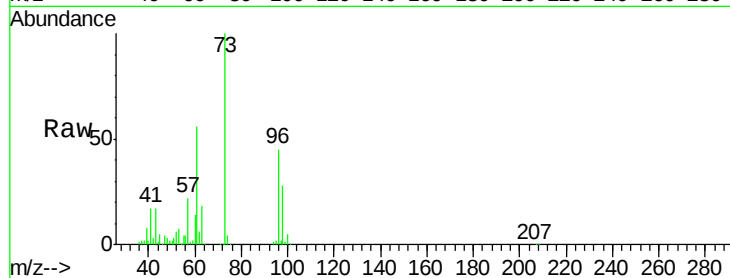




#19
Methyl tert-butyl Ether
Concen: 50.62 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

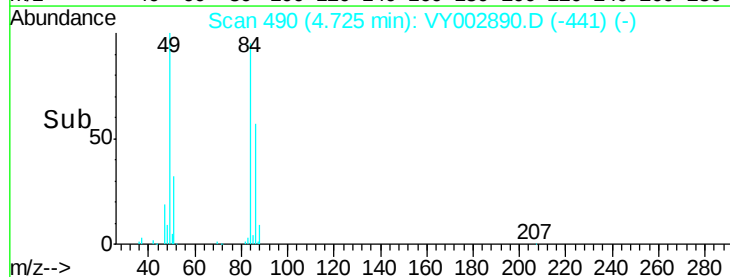
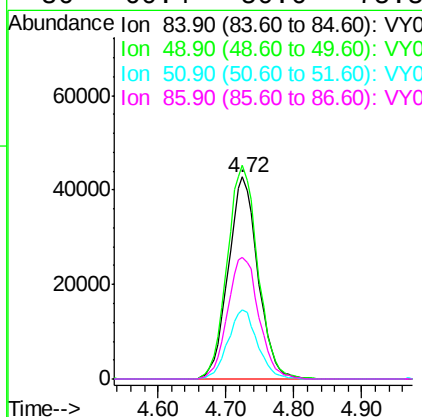
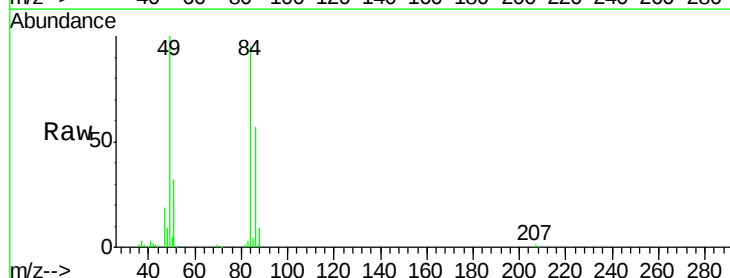
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

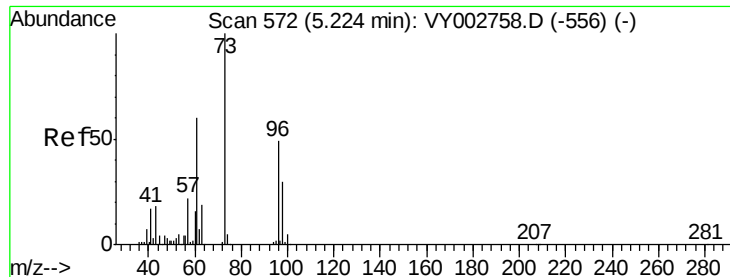
Tgt Ion: 73 Resp: 314471
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4



#20
Methylene Chloride
Concen: 49.29 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: 47.03 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

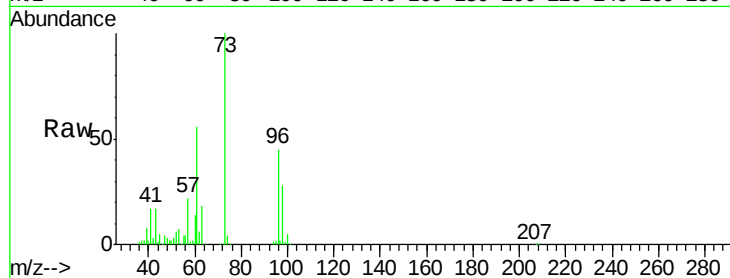
Tgt Ion: 96 Resp: 119007

Ion Ratio Lower Upper

96 100

61 124.0 96.8 145.2

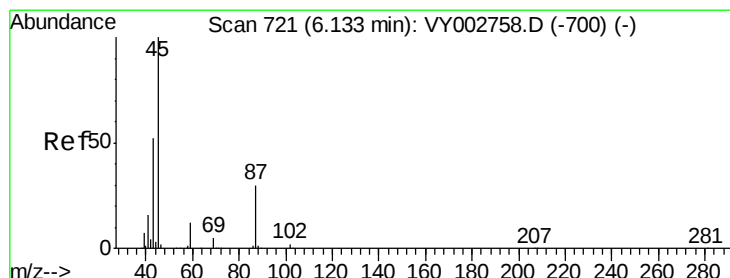
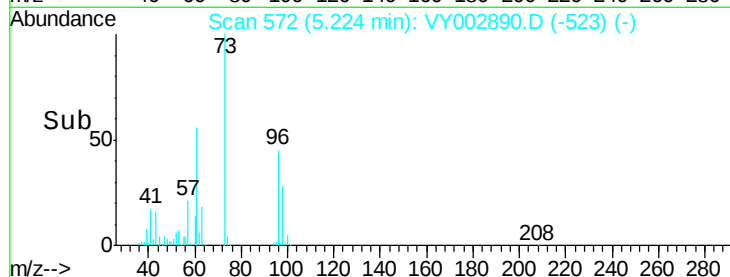
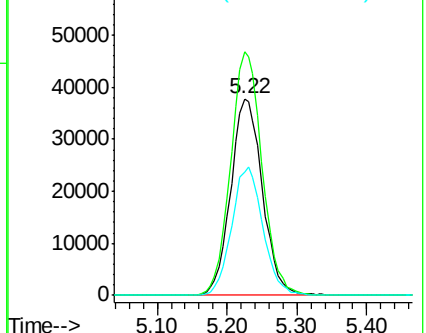
98 62.6 49.4 74.0



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: 50.48 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

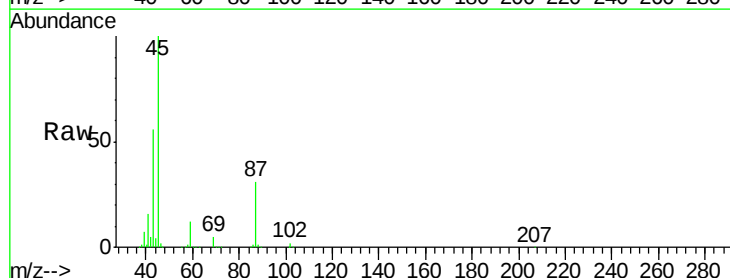
Ion Ratio Lower Upper

45 100

43 56.0 41.7 62.5

87 30.9 24.2 36.2

59 12.4 9.8 14.8

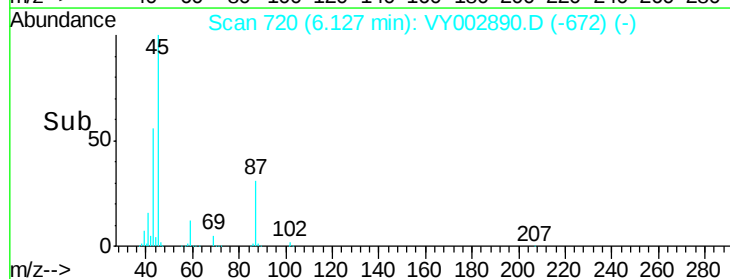
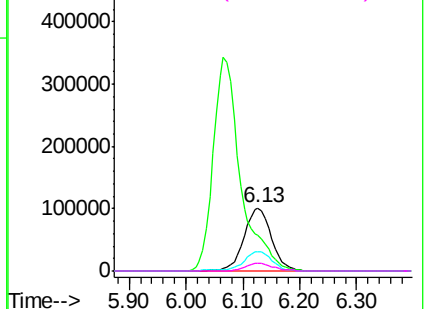


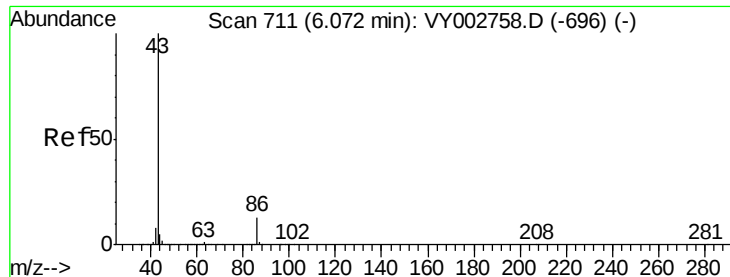
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 258.47 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 :

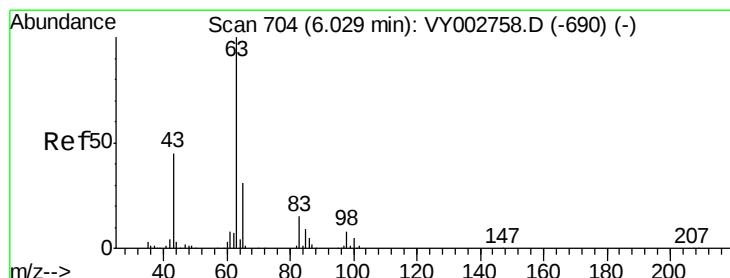
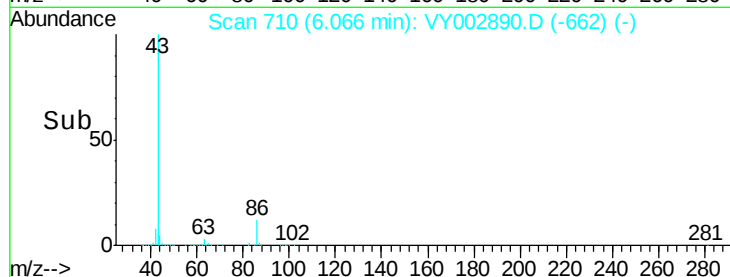
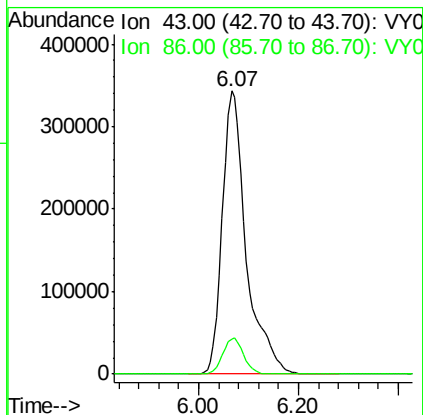
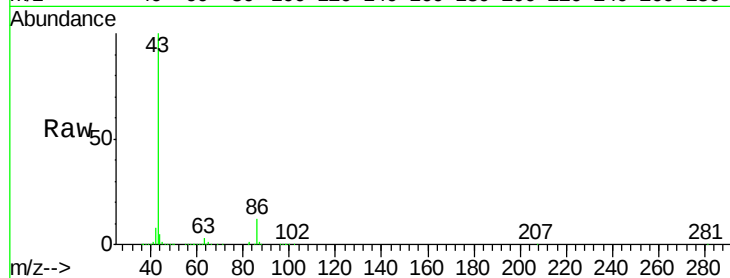
VSTDCCC050EC

Tgt Ion: 43 Resp: 1144437

Ion Ratio Lower Upper

43 100

86 12.4 10.2 15.2



#24

1,1-Dichloroethane

Concen: 50.19 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

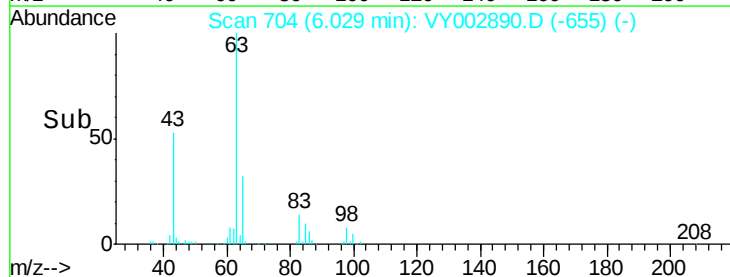
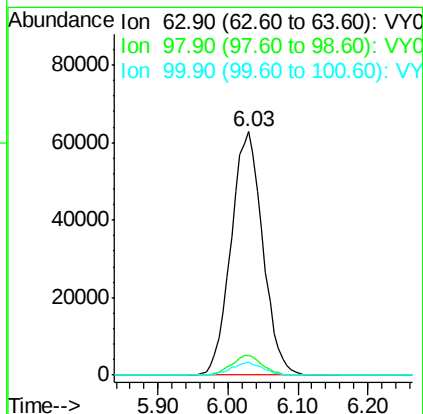
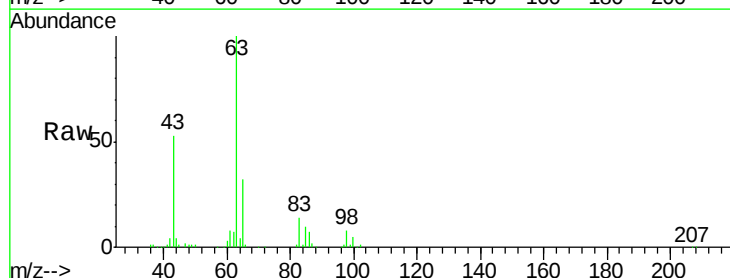
Tgt Ion: 63 Resp: 196922

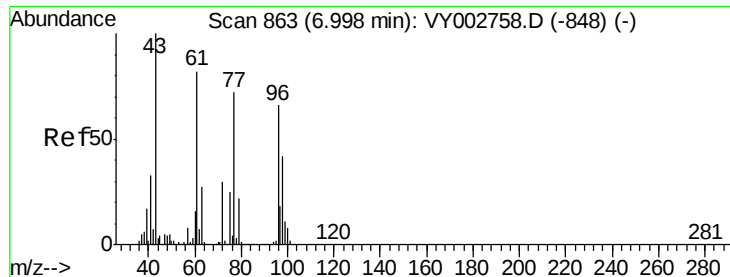
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

100 5.3 2.4 7.1

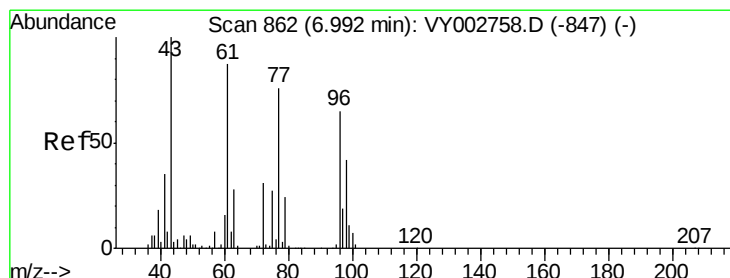
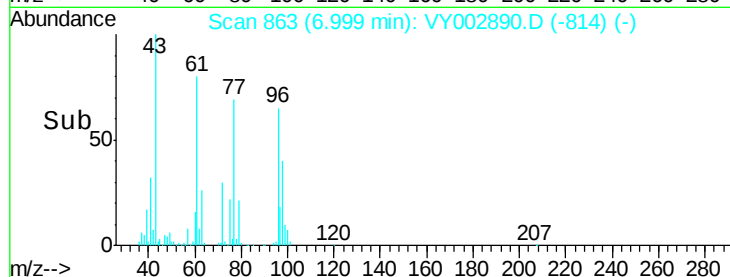
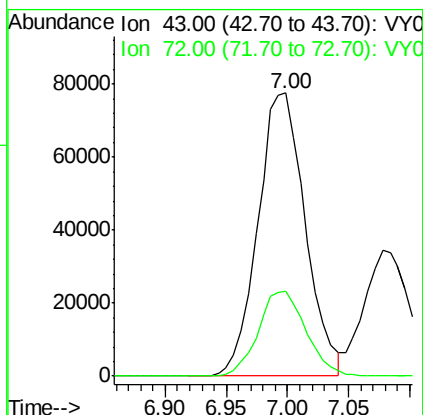
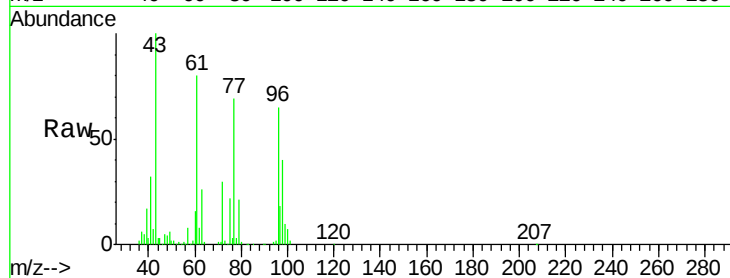




#25
2-Butanone
Concen: 249.14 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

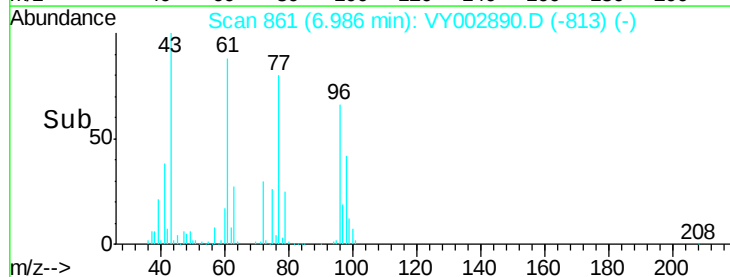
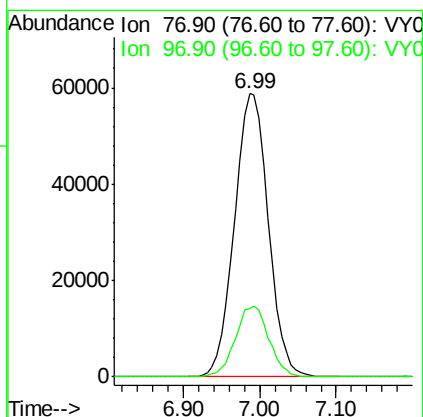
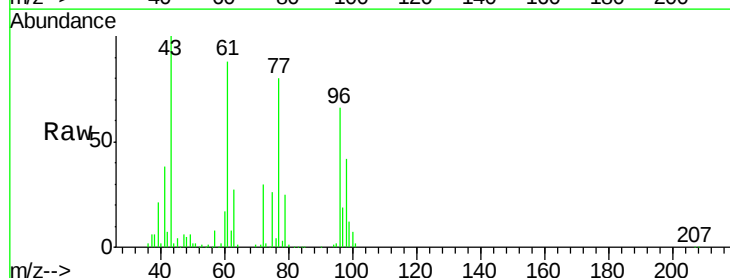
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

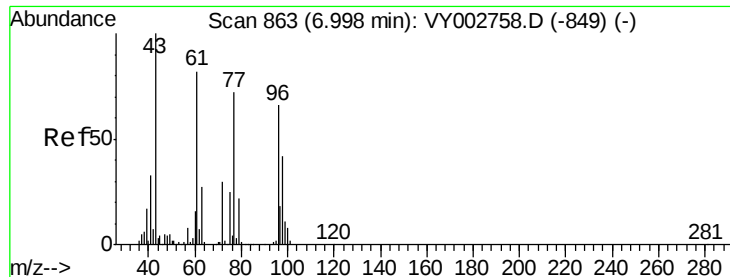
Tgt Ion: 43 Resp: 209038
Ion Ratio Lower Upper
43 100
72 29.8 23.9 35.9



#26
2,2-Dichloropropane
Concen: 47.95 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



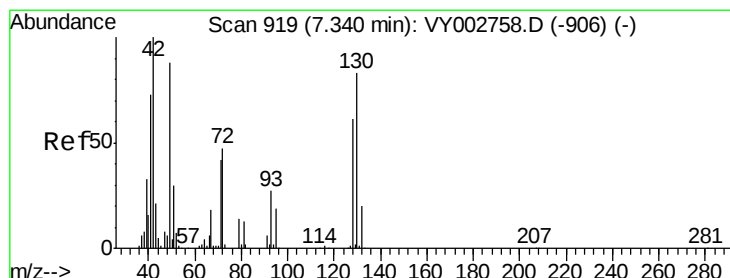
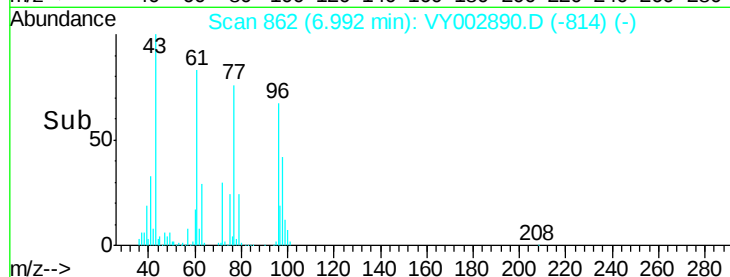
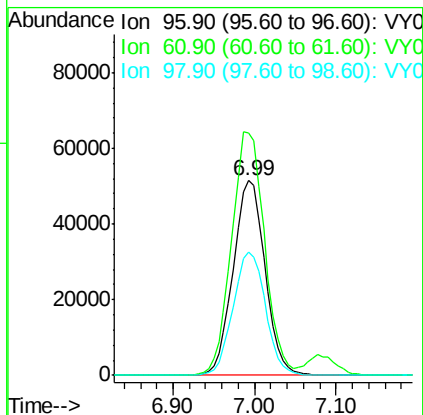
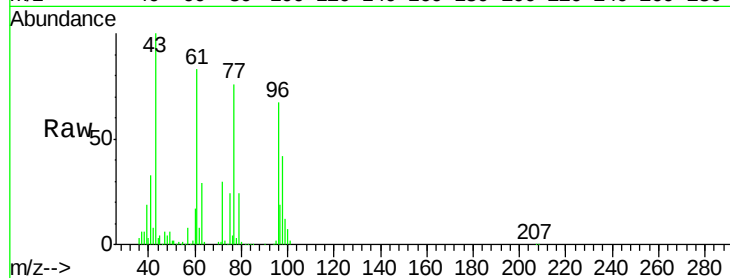


#27

cis-1,2-Dichloroethene
 Concen: 49.25 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

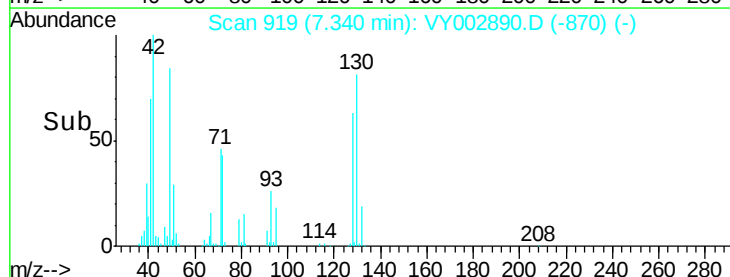
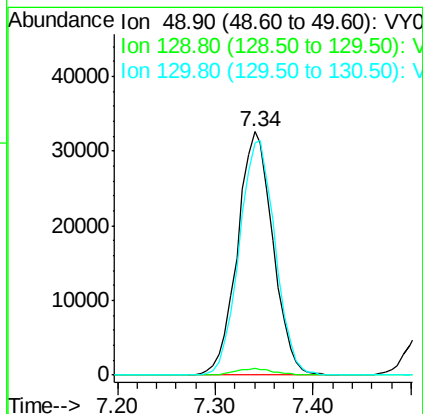
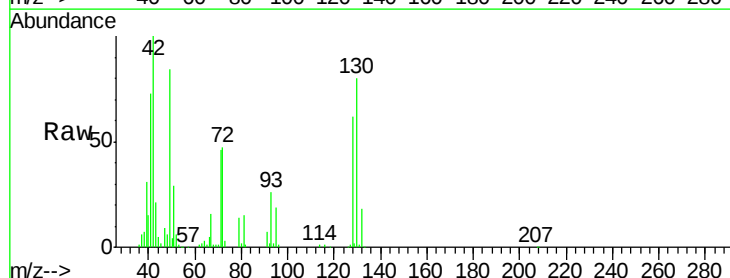
Tgt Ion: 96 Resp: 139508
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 260.2
 98 64.3 0.0 128.2

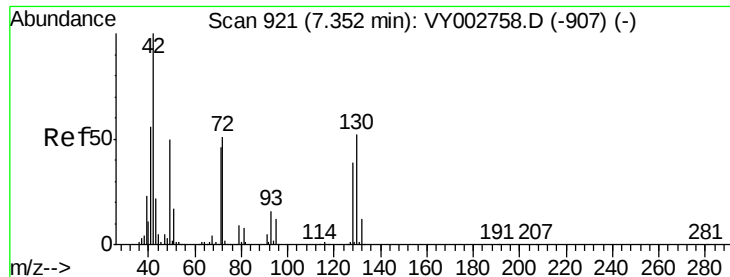


#28

Bromochloromethane
 Concen: 50.70 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: 49 Resp: 81651
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.2
 130 97.8 77.1 115.7





#29

Tetrahydrofuran

Concen: 253.84 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

ClientSampleId :

VSTDCCC050EC

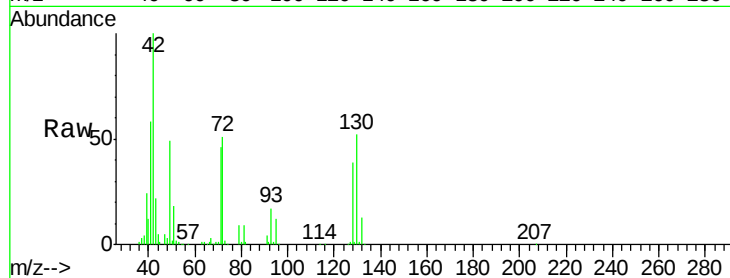
Tgt Ion: 42 Resp: 138535

Ion Ratio Lower Upper

42 100

72 48.4 38.6 58.0

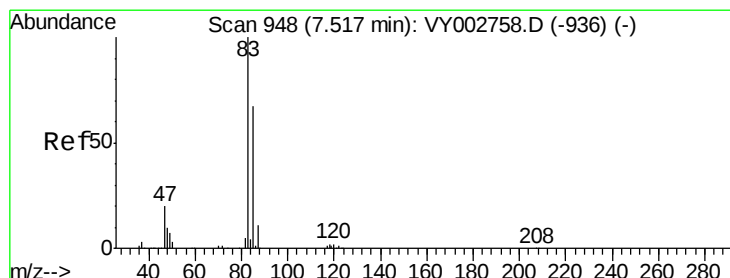
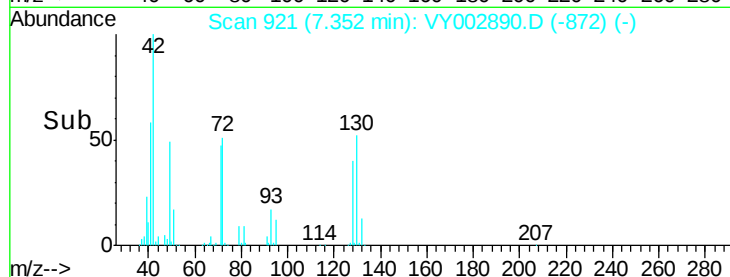
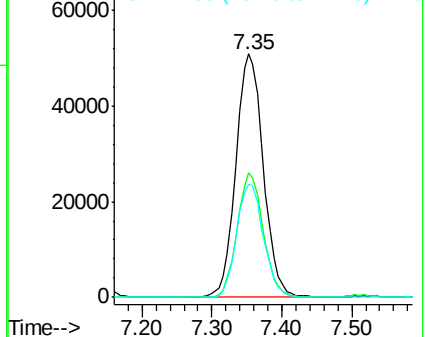
71 45.5 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY002890.D (-872) (-)

Ion 72.00 (71.70 to 72.70): VY002890.D (-872) (-)

Ion 71.00 (70.70 to 71.70): VY002890.D (-872) (-)



#30

Chloroform

Concen: 50.88 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002890.D

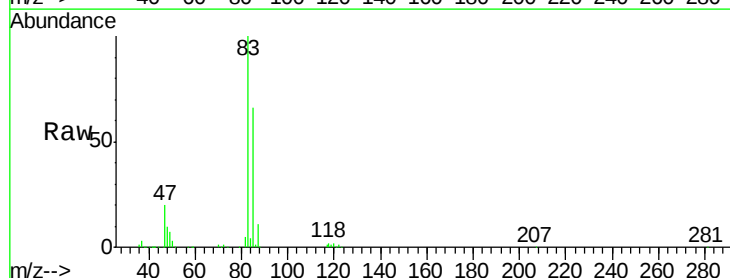
Acq: 11 Jun 2020 15:56

Tgt Ion: 83 Resp: 211825

Ion Ratio Lower Upper

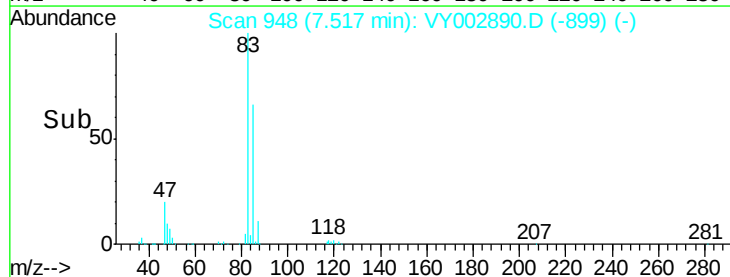
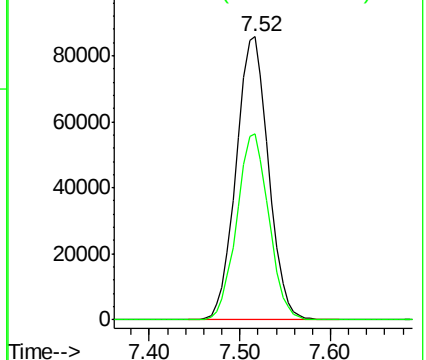
83 100

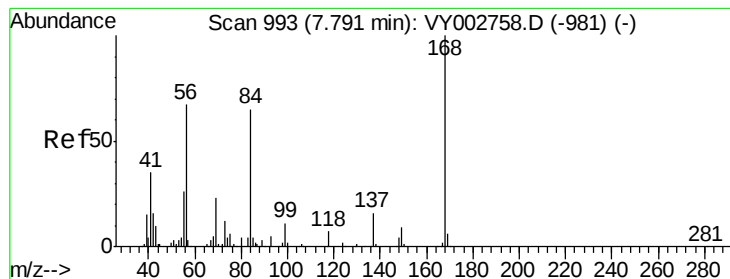
85 65.6 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY002890.D (-899) (-)

Ion 84.90 (84.60 to 85.60): VY002890.D (-899) (-)





#31

Cyclohexane

Concen: 43.52 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

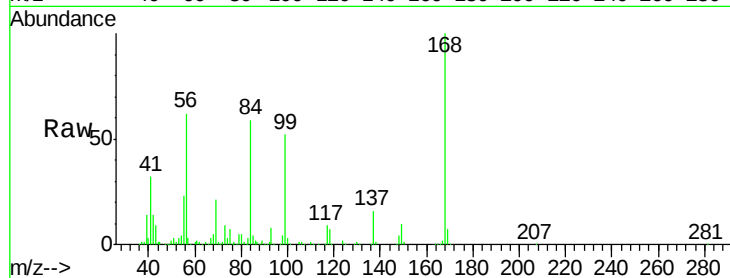
Tgt Ion: 56 Resp: 169515

Ion Ratio Lower Upper

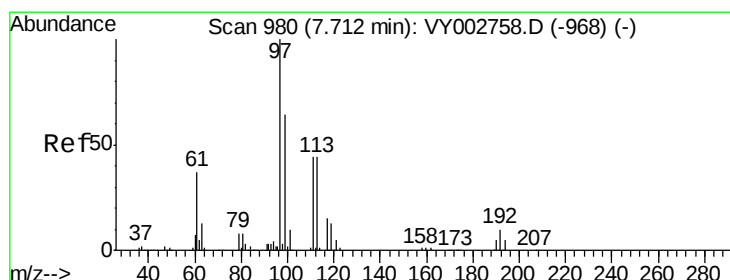
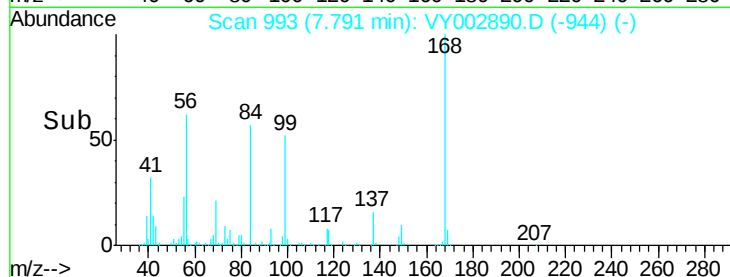
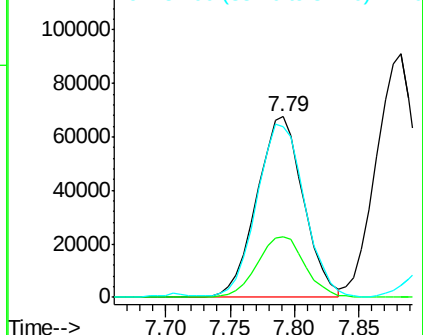
56 100

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: 49.12 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

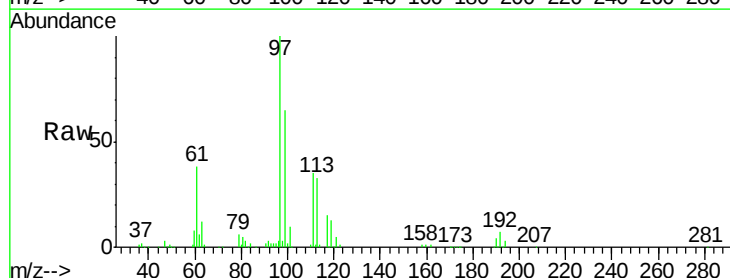
Tgt Ion: 97 Resp: 190537

Ion Ratio Lower Upper

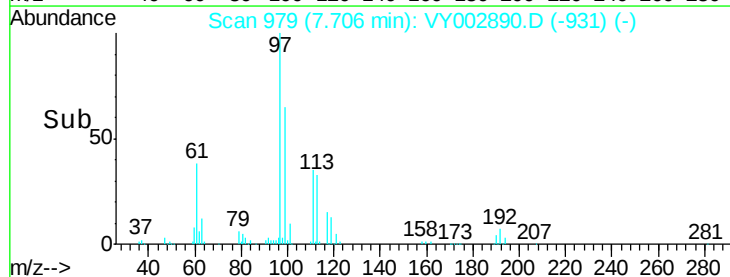
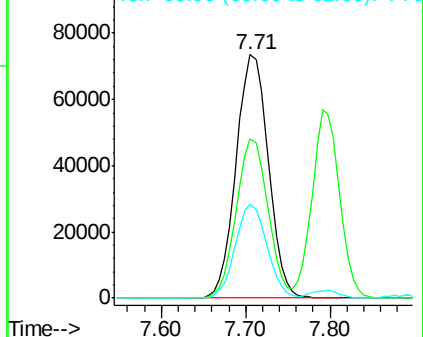
97 100

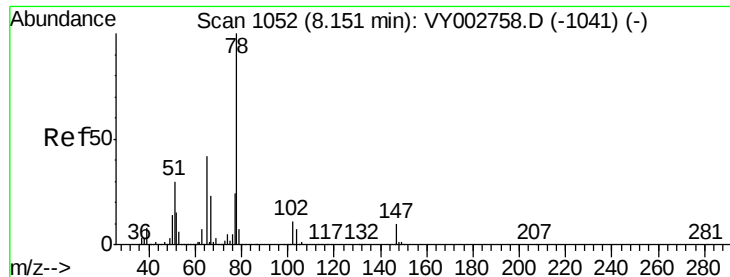
99 64.6 51.4 77.0

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

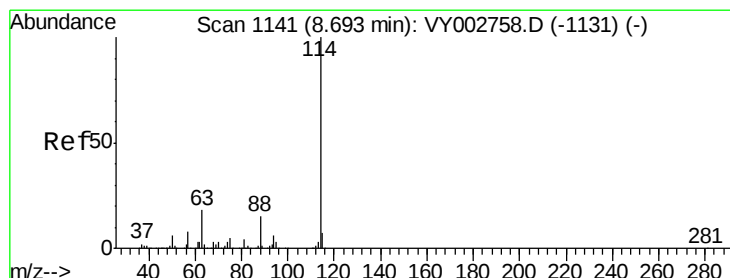
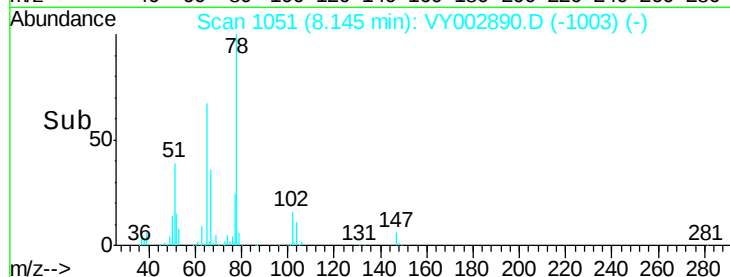
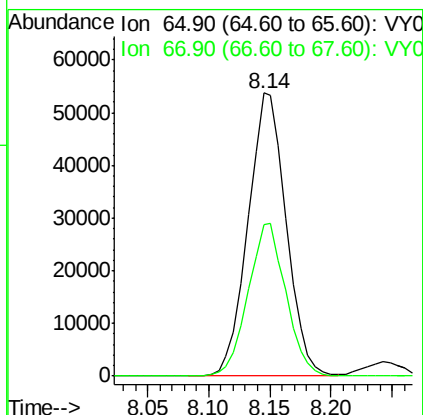
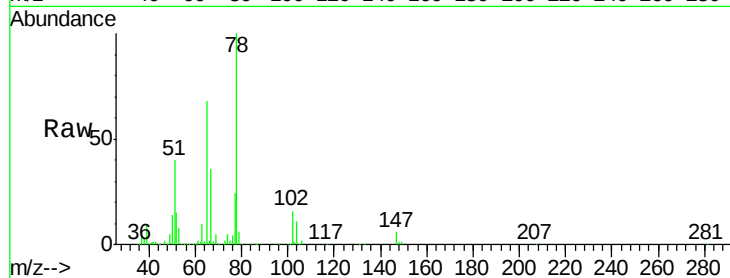




#33
 1,2-Dichloroethane-d4
 Concen: 50.77 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

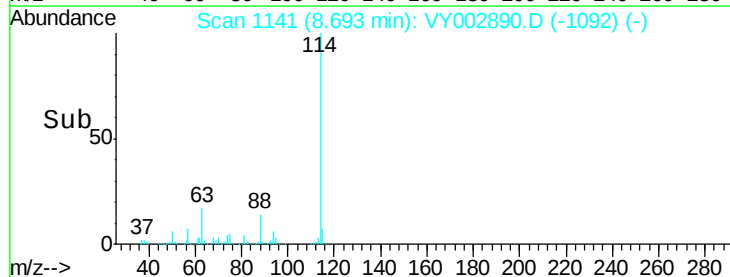
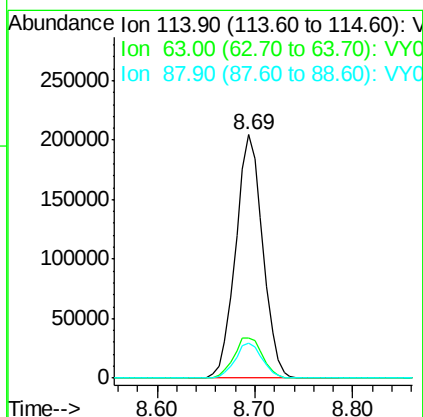
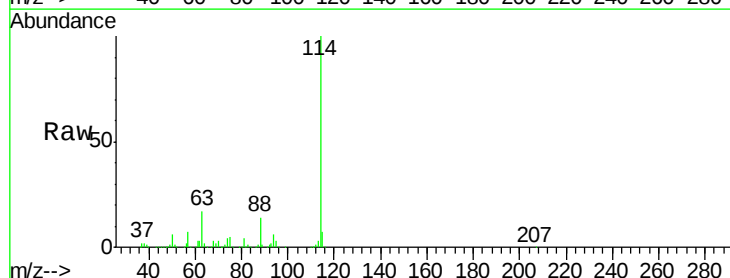
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

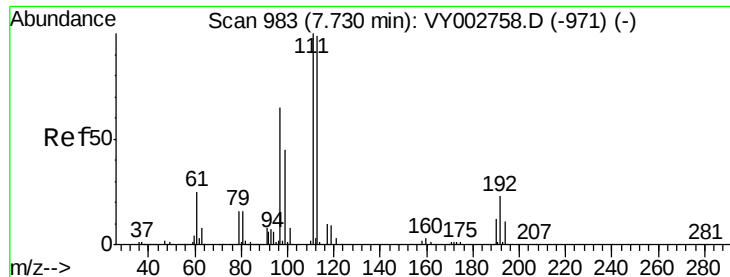
Tgt Ion: 65 Resp: 116604
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: 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

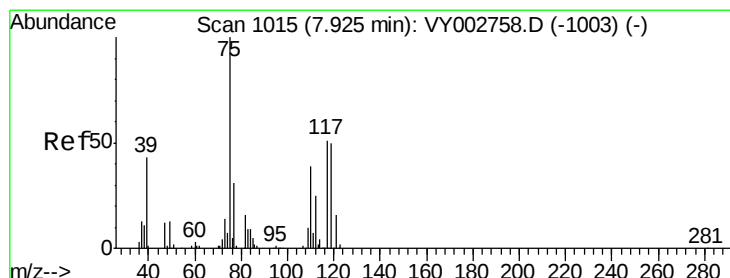
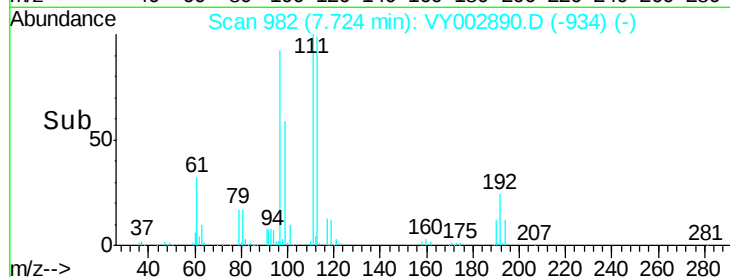
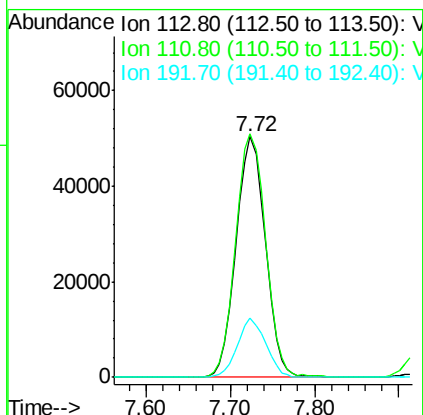
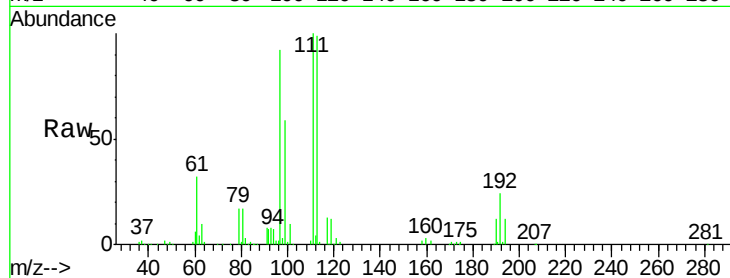




#35
 Dibromofluoromethane
 Concen: 51.50 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

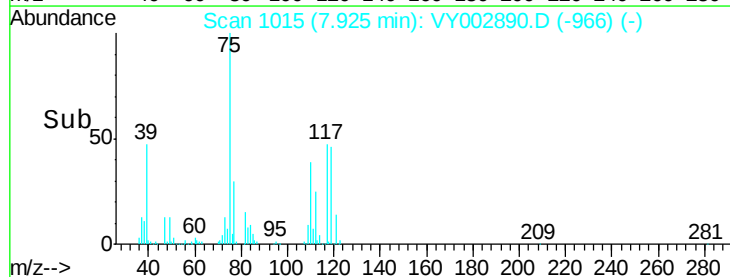
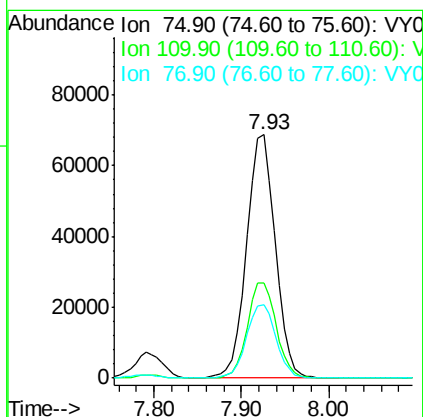
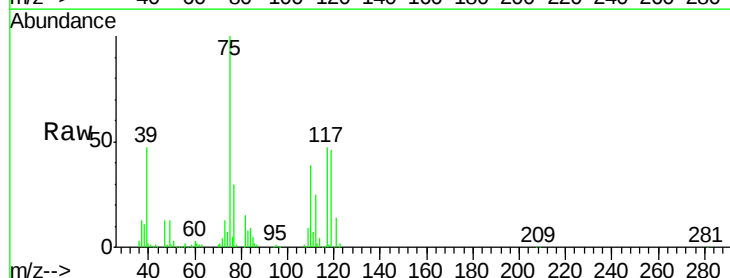
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

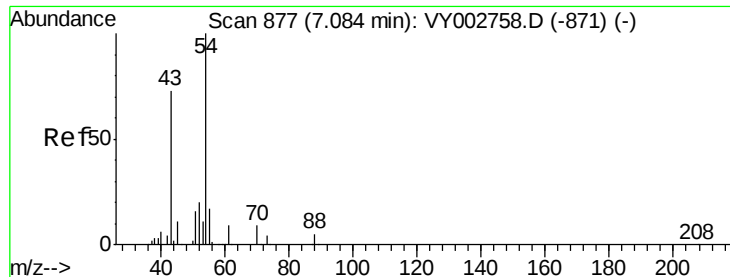
Tgt Ion:113 Resp: 118182
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.0 123.0
 192 23.6 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 47.55 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: 75 Resp: 156843
 Ion Ratio Lower Upper
 75 100
 110 39.3 19.3 57.9
 77 31.1 24.8 37.2

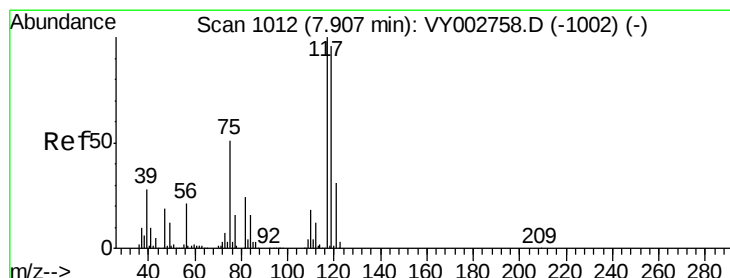
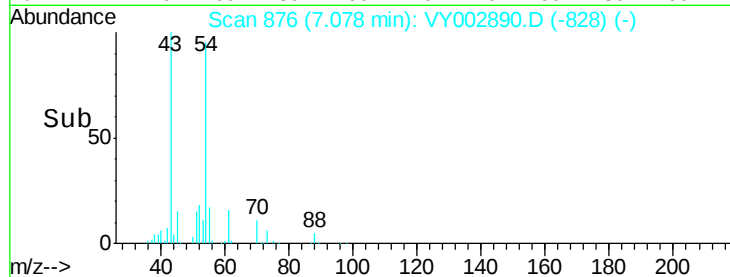
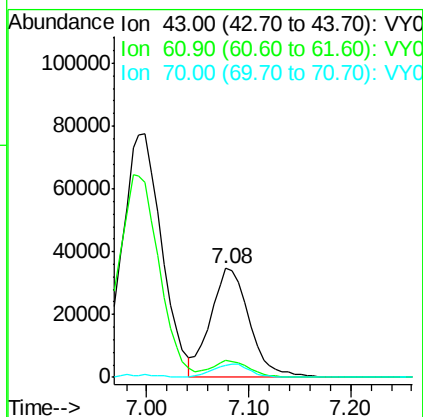
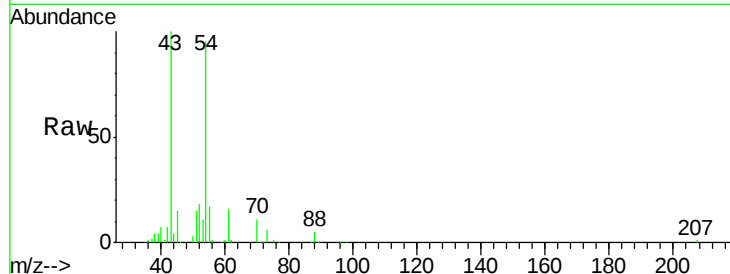




#37
Ethyl Acetate
Concen: 51.08 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

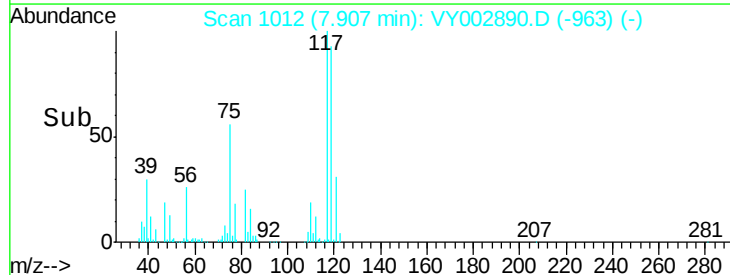
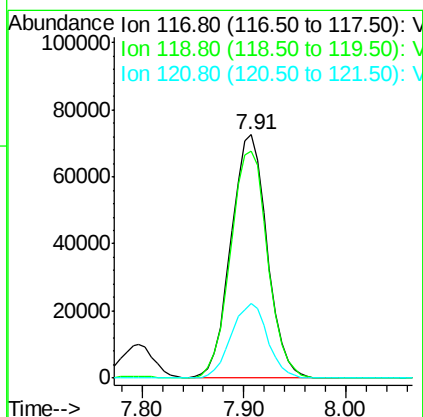
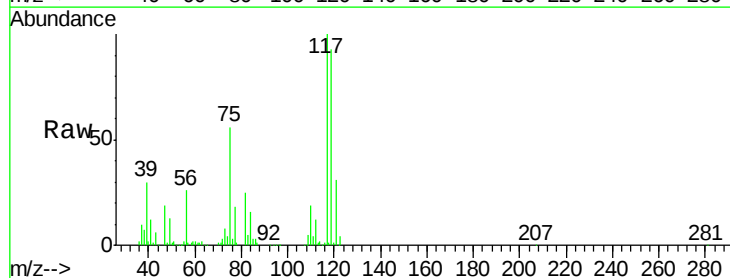
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

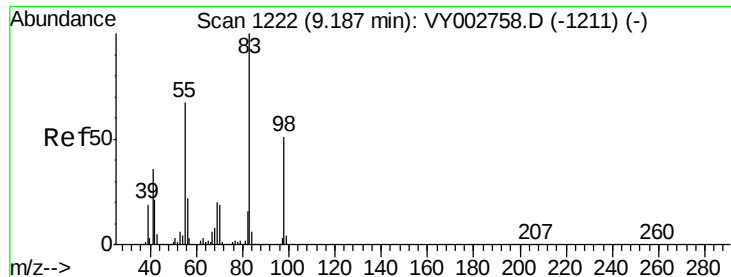
Tgt Ion: 43 Resp: 91682
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 48.60 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

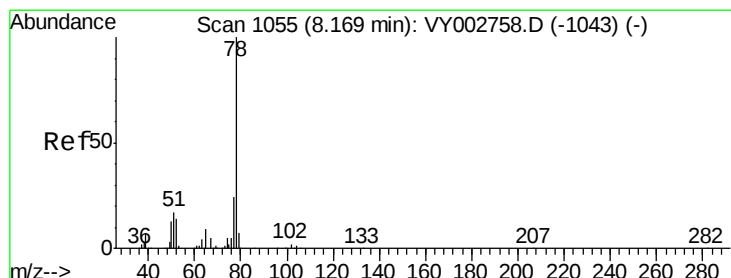
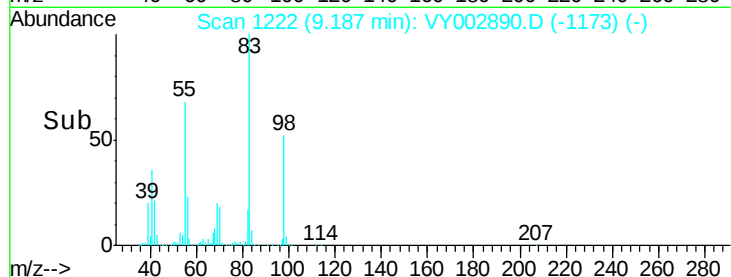
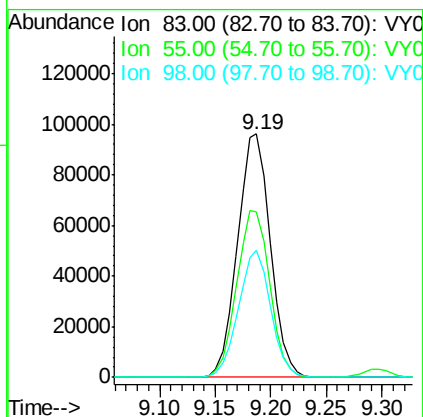
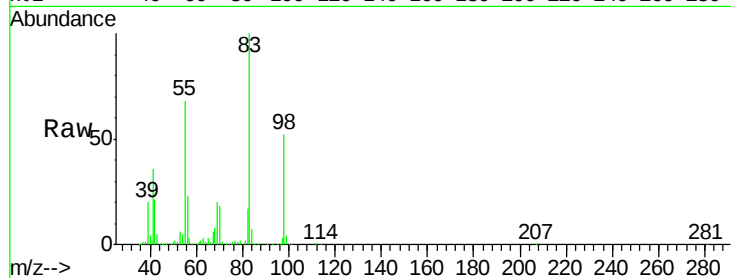




#39
Methylcyclohexane
Concen: 45.30 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

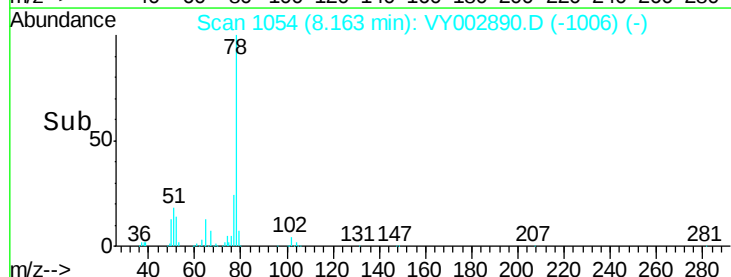
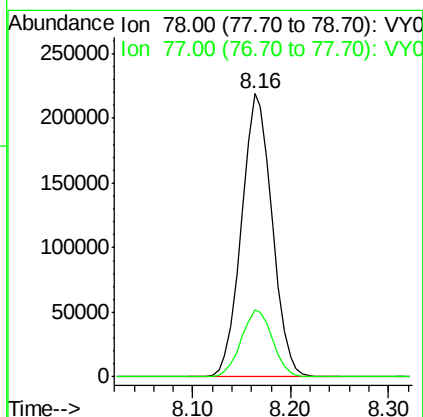
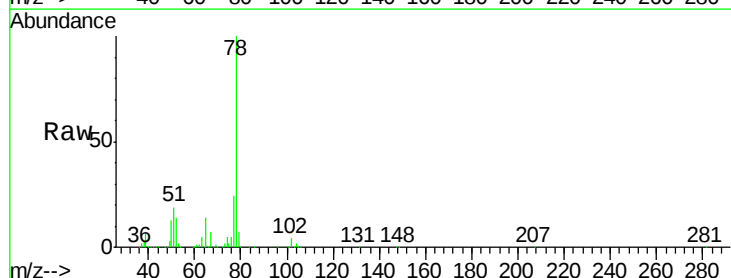
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

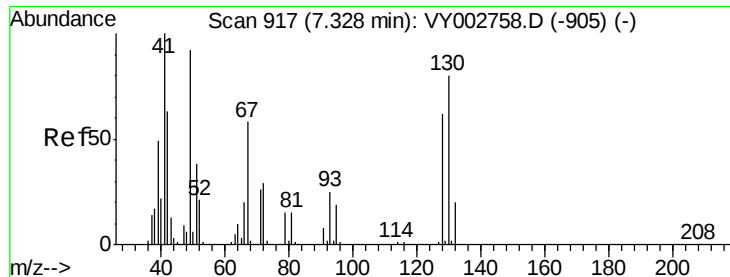
Tgt Ion: 83 Resp: 196974
Ion Ratio Lower Upper
83 100
55 68.2 53.3 79.9
98 52.3 41.1 61.7



#40
Benzene
Concen: 48.73 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: 131.53 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 126825

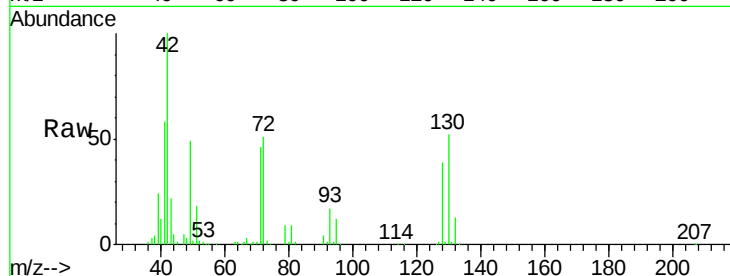
Ion Ratio Lower Upper

41 100

39 44.9 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

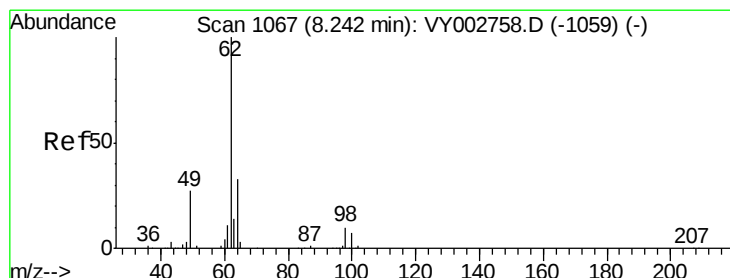
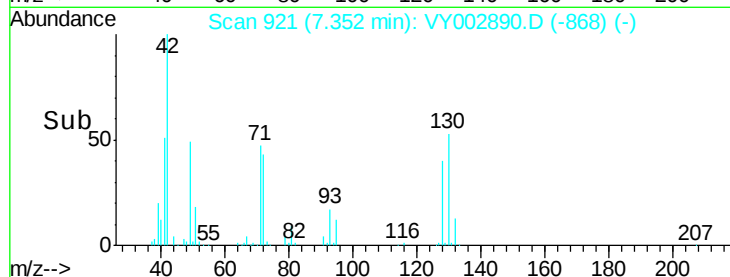
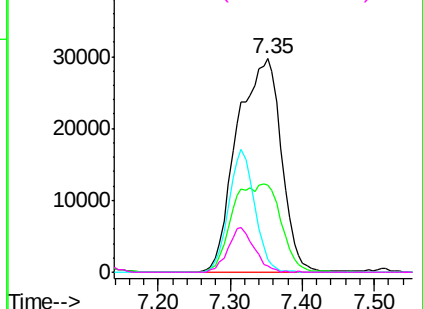


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.45 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002890.D

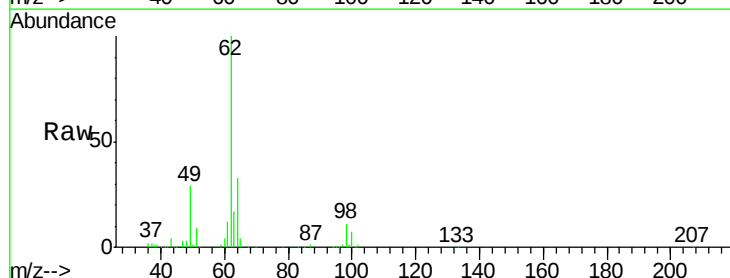
Acq: 11 Jun 2020 15:56

Tgt Ion: 62 Resp: 135070

Ion Ratio Lower Upper

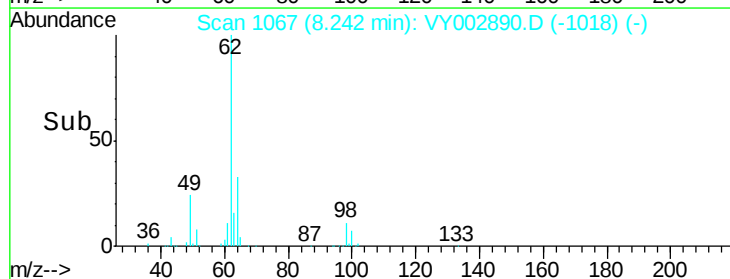
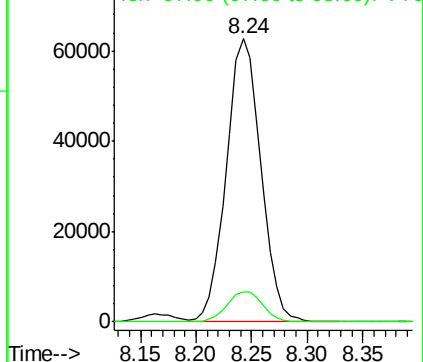
62 100

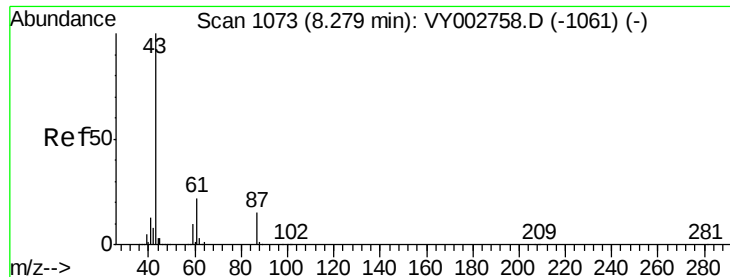
98 11.1 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



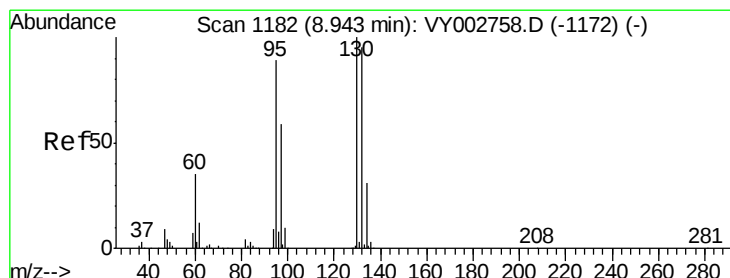
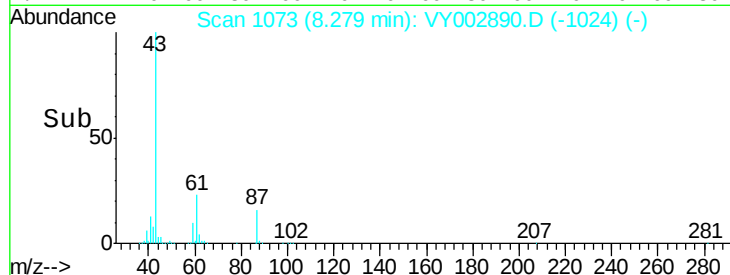
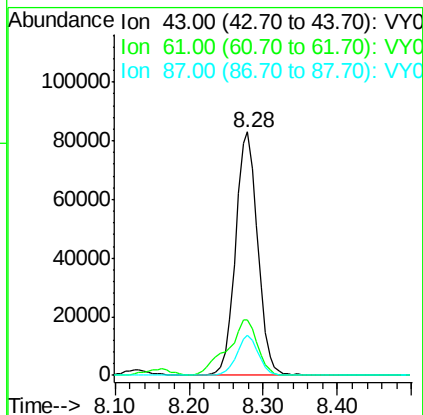
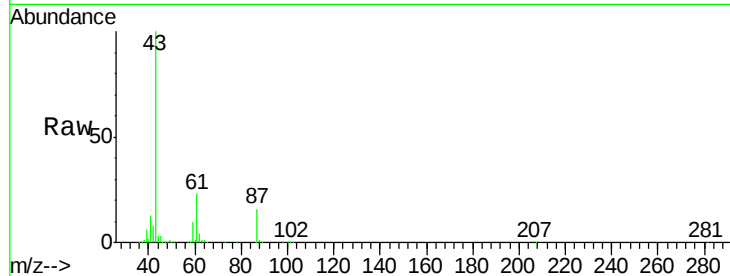


#43

Isopropyl Acetate
 Concen: 50.80 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

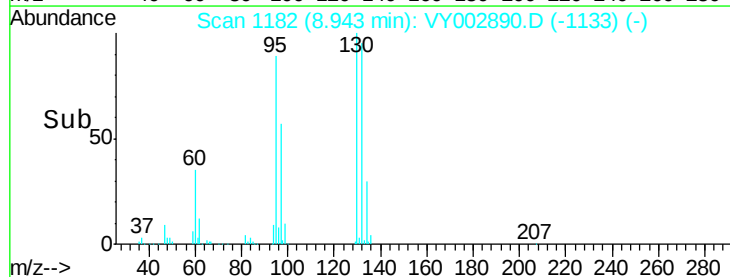
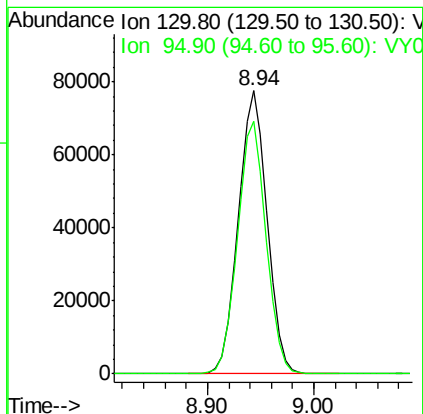
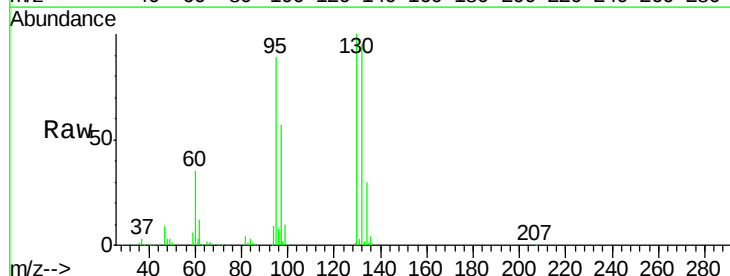
Tgt Ion: 43 Resp: 172769
 Ion Ratio Lower Upper
 43 100
 61 31.0 24.8 37.2
 87 16.0 12.4 18.6

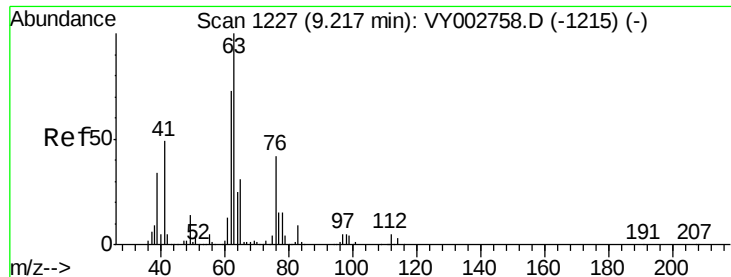


#44

Trichloroethene
 Concen: 47.73 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

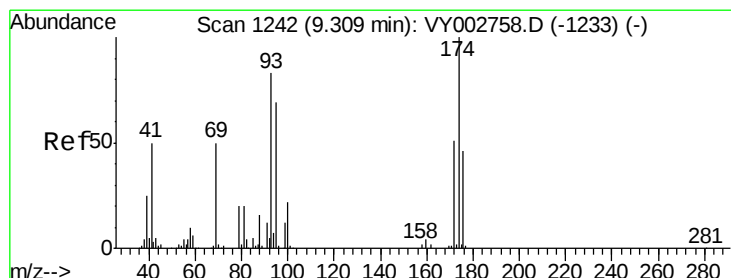
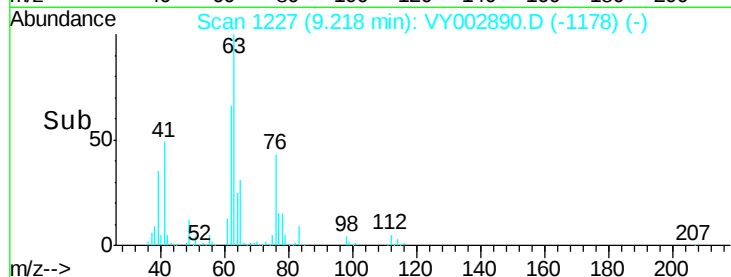
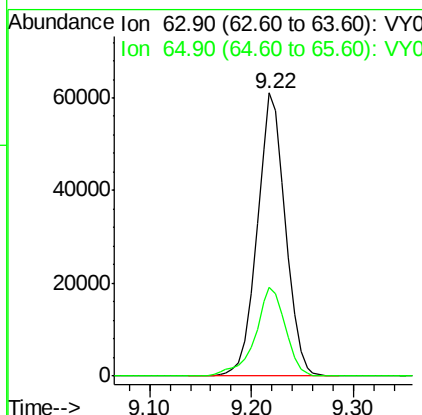
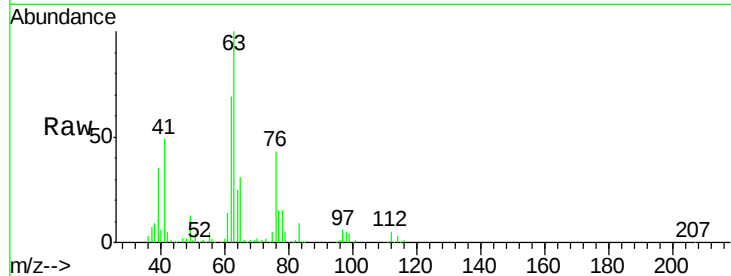




#45
 1,2-Dichloropropane
 Concen: 50.19 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

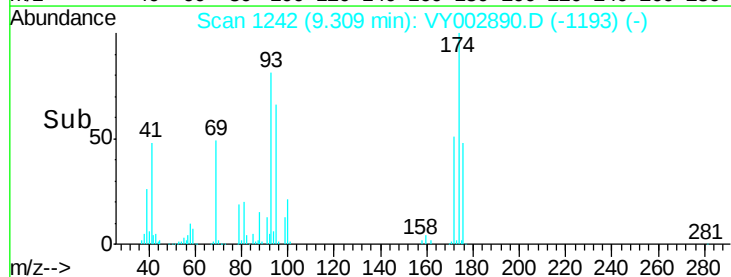
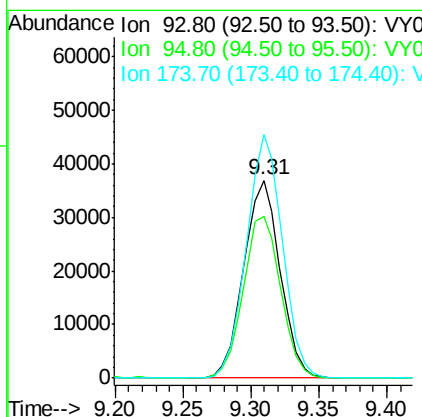
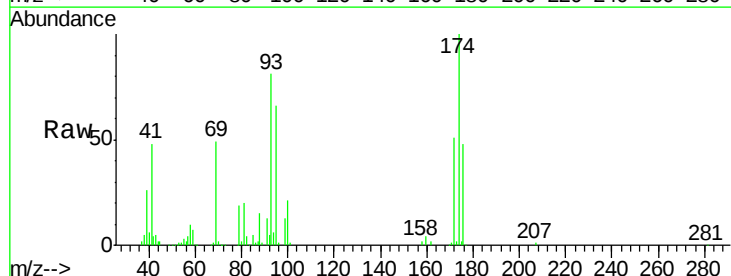
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

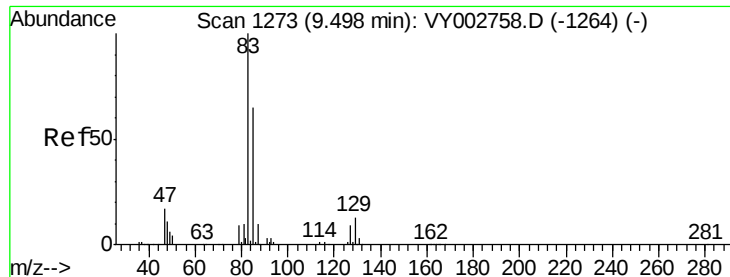
Tgt Ion: 63 Resp: 117312
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2



#46
 Dibromomethane
 Concen: 50.06 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: 51.39 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

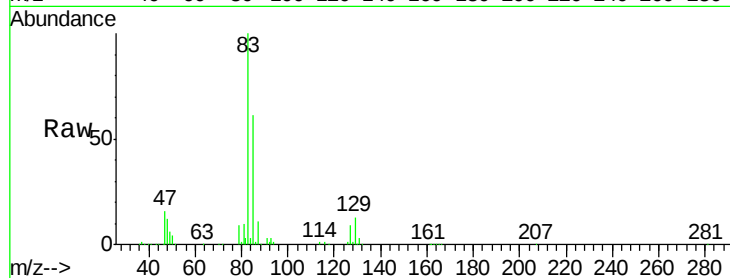
Tgt Ion: 83 Resp: 168171

Ion Ratio Lower Upper

83 100

85 61.2 51.9 77.9

127 9.0 7.1 10.7

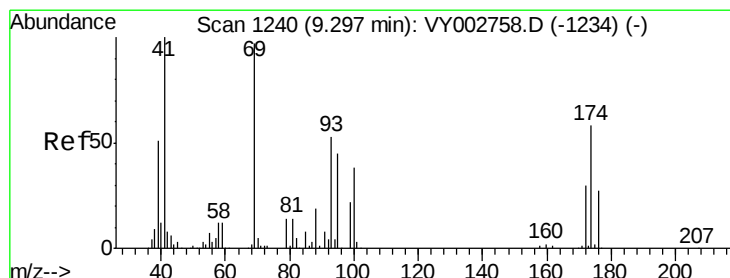
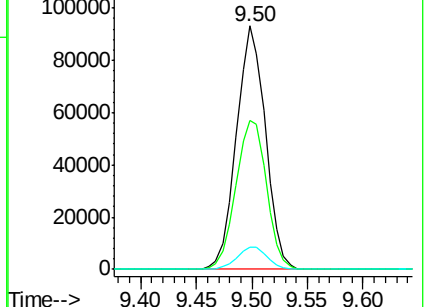
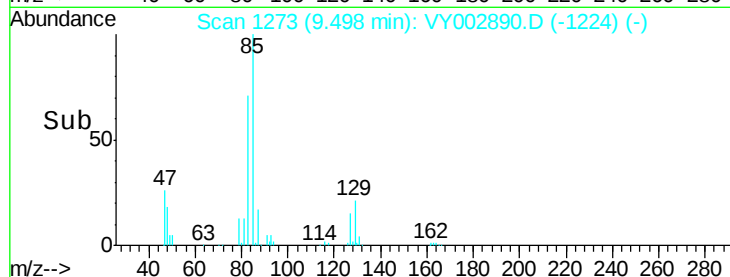


Abundance Ion 82.90 (82.60 to 83.60): VY002890.D (-1224) (-)

Ion 84.90 (84.60 to 85.60): VY002890.D (-1224) (-)

Ion 126.80 (126.50 to 127.50): VY002890.D (-1224) (-)

Time-->



#48

Methyl methacrylate

Concen: 50.57 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

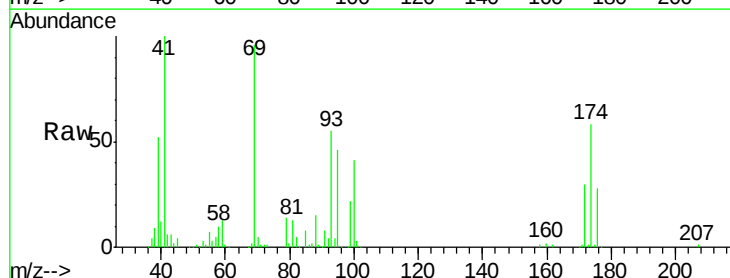
Tgt Ion: 41 Resp: 77642

Ion Ratio Lower Upper

41 100

69 100.3 79.7 119.5

39 55.1 43.3 64.9

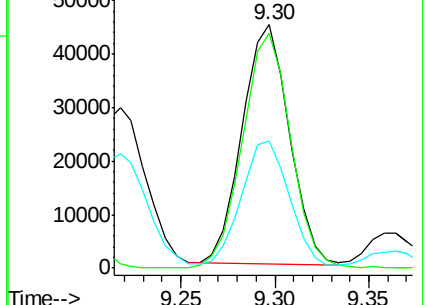
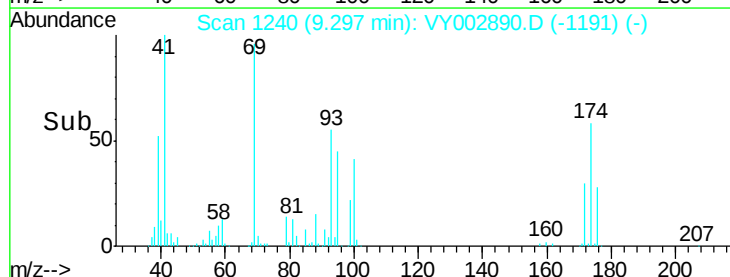


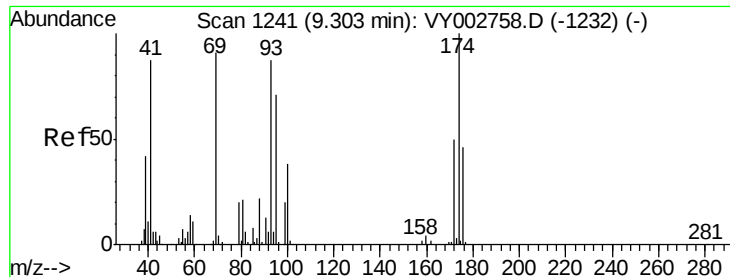
Abundance Ion 41.00 (40.70 to 41.70): VY002890.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY002890.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY002890.D (-1191) (-)

Time-->

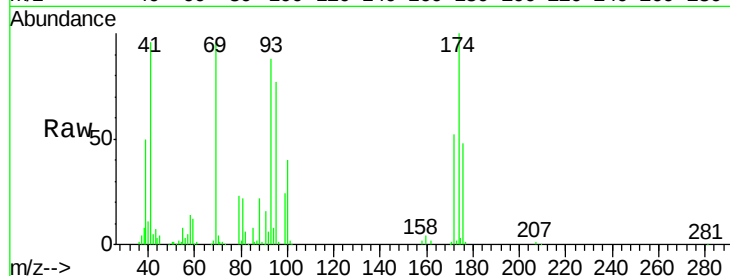




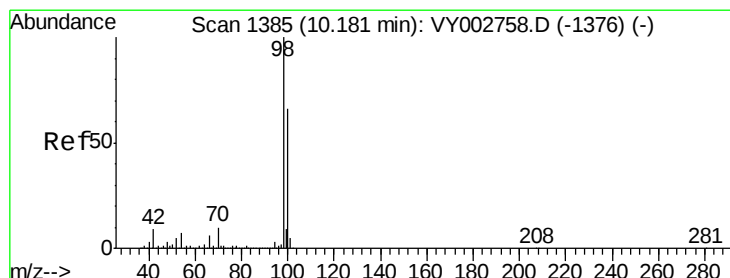
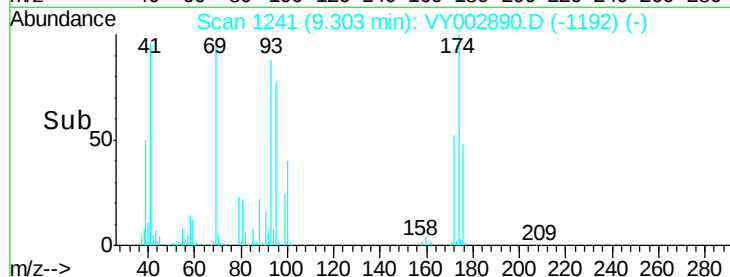
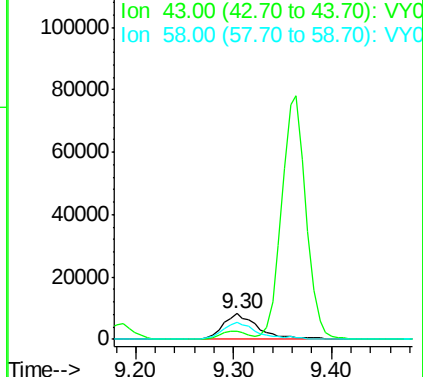
#49
1,4-Dioxane
Concen: 984.45 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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

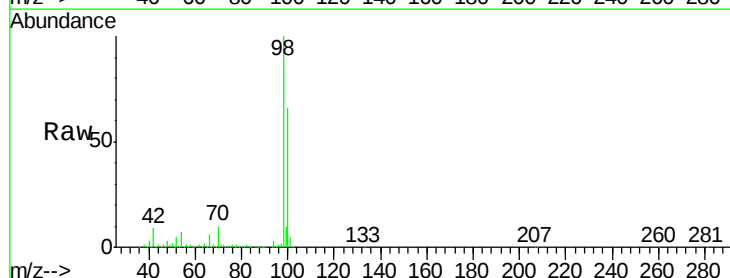


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

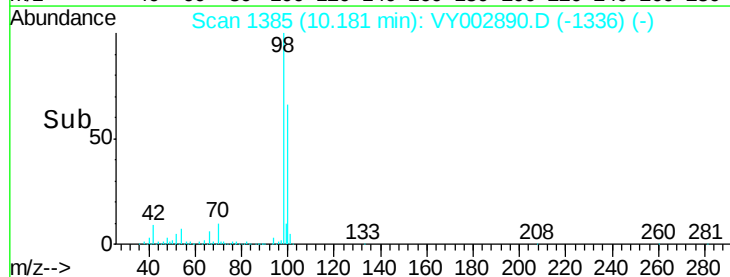
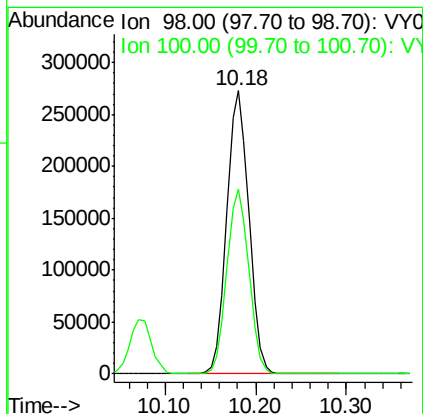


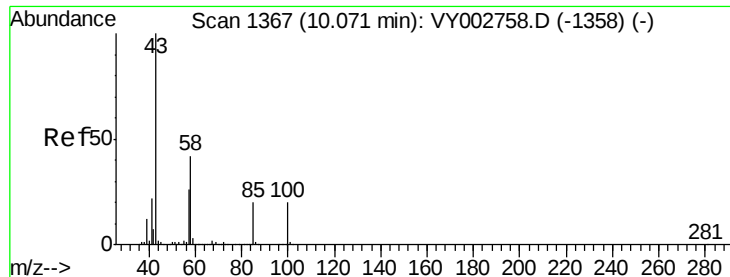
#50
Toluene-d8
Concen: 49.69 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

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

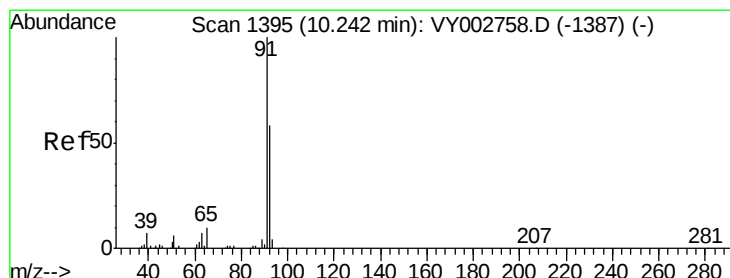
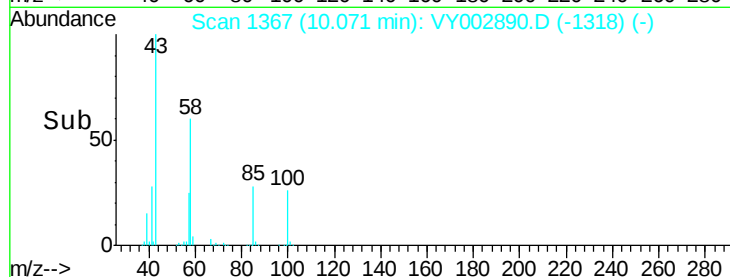
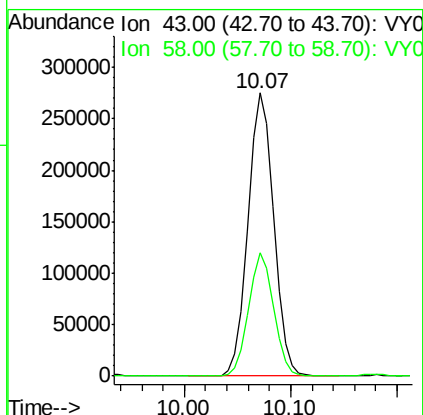
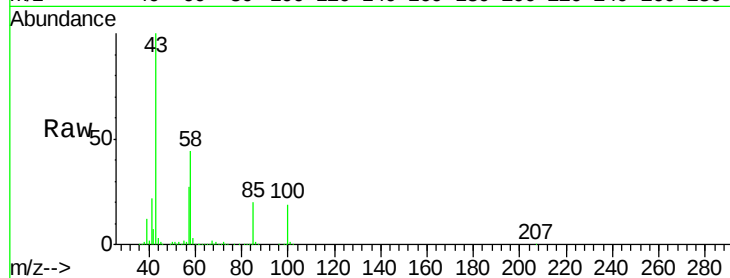




#51
4-Methyl-2-Pentanone
Concen: 259.84 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

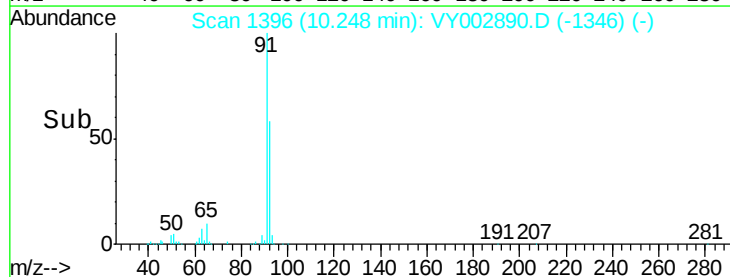
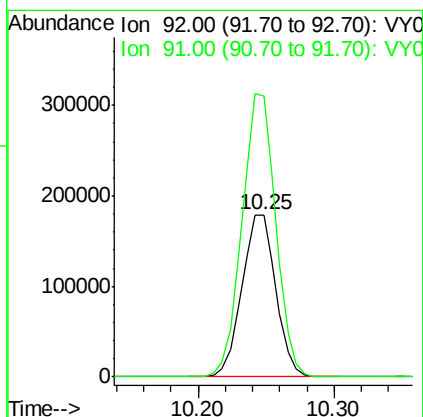
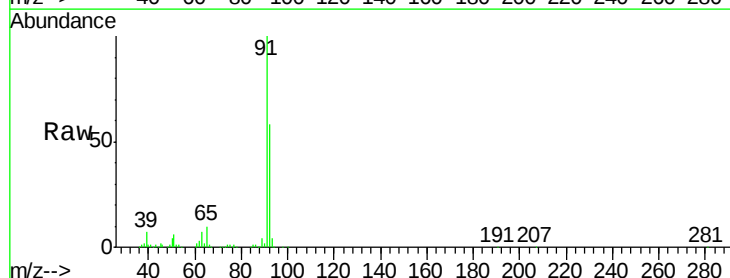
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

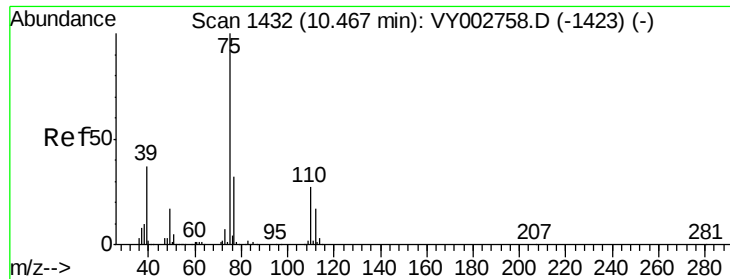
Tgt Ion: 43 Resp: 467976
Ion Ratio Lower Upper
43 100
58 42.6 34.2 51.2



#52
Toluene
Concen: 48.75 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

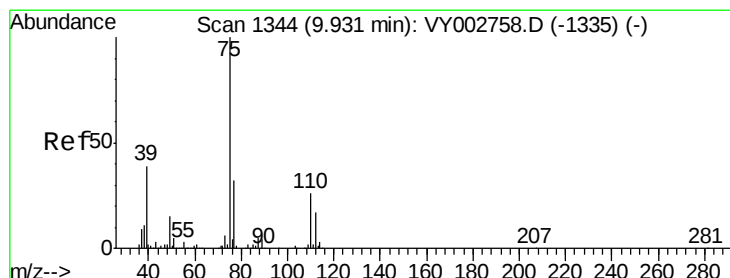
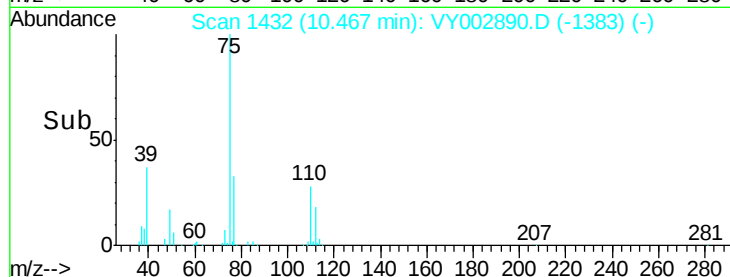
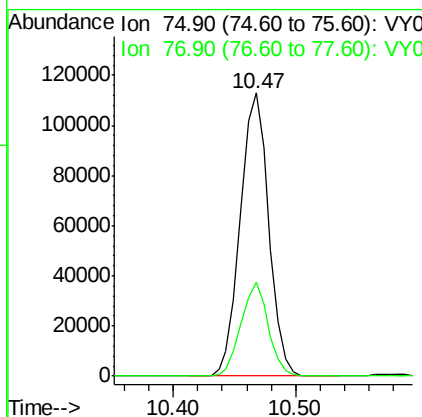
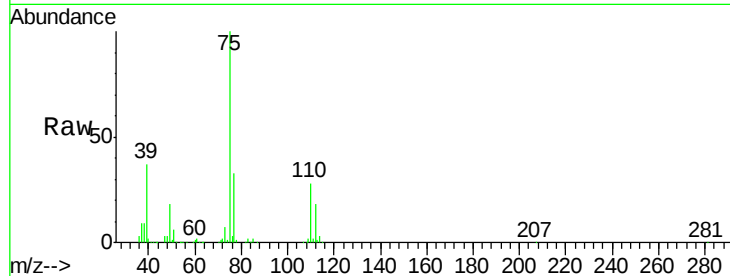




#53
t-1,3-Dichloropropene
Concen: 50.92 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

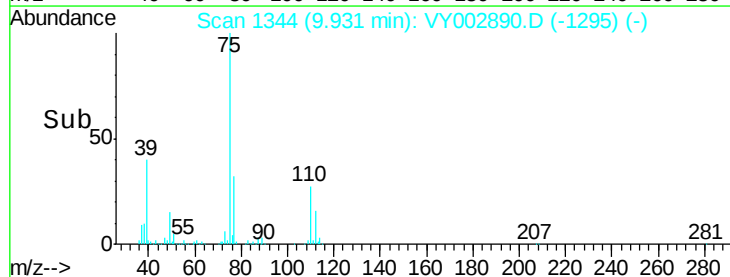
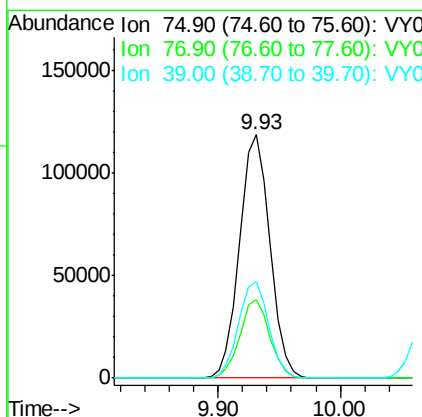
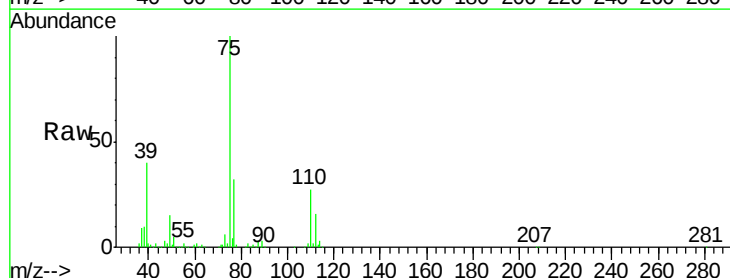
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

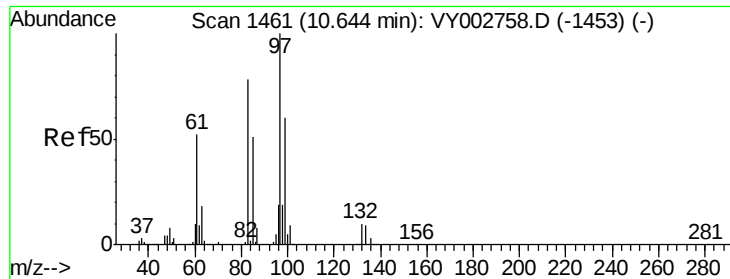
Tgt Ion: 75 Resp: 182001
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.52 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

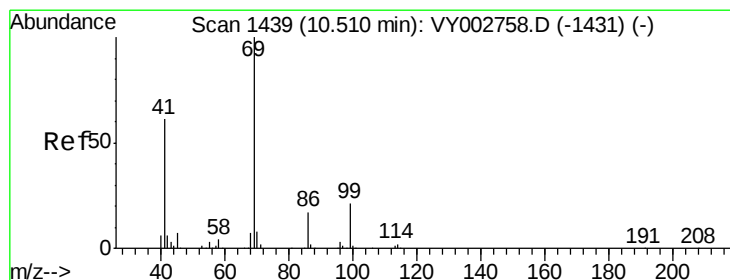
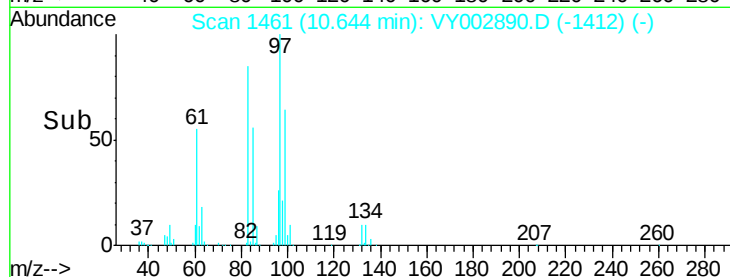
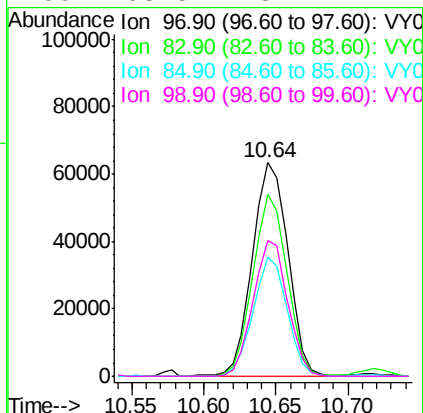
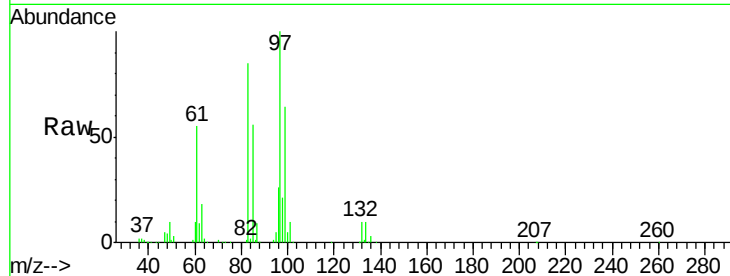




#55
 1,1,2-Trichloroethane
 Concen: 50.80 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

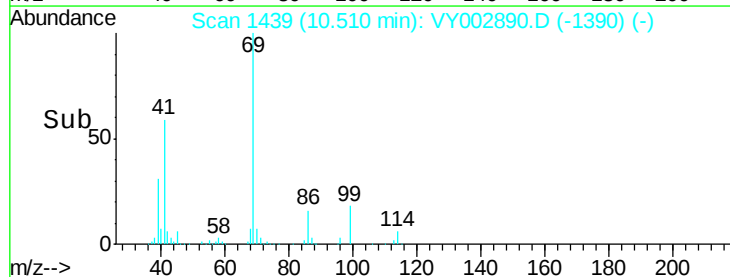
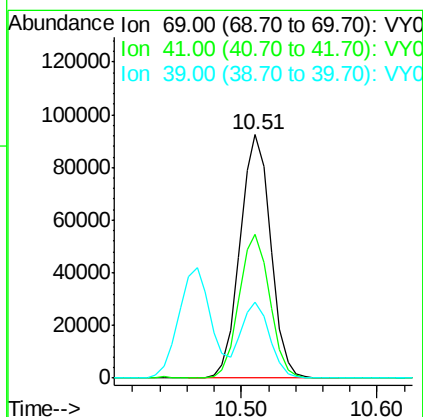
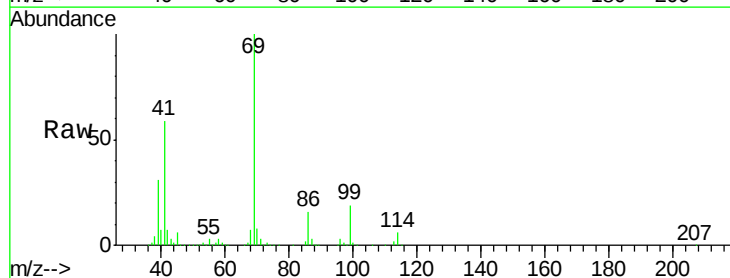
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

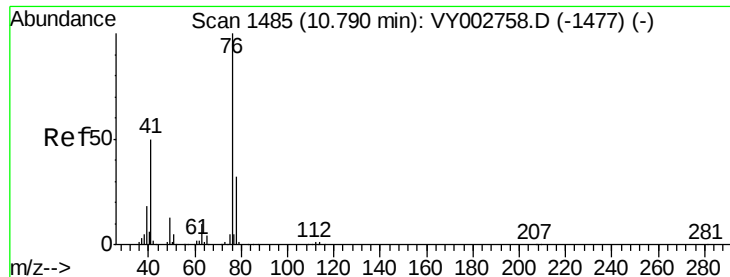
Tgt Ion:	97	Resp:	107966
Ion	Ratio	Lower	Upper
97	100		
83	84.8	62.7	94.1
85	55.7	40.6	60.8
99	63.5	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 50.99 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: 50.56 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 :

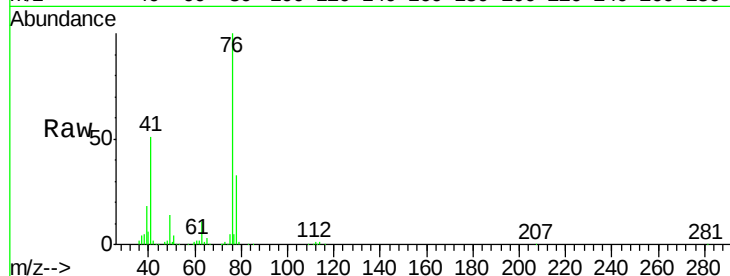
VSTDCCC050EC

Tgt Ion: 76 Resp: 176747

Ion Ratio Lower Upper

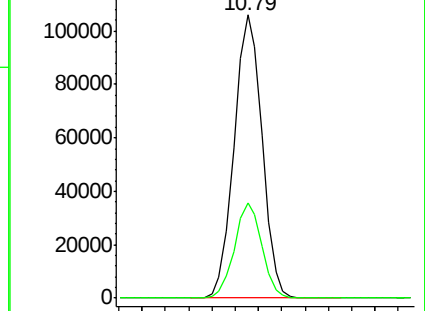
76 100

78 32.8 26.1 39.1

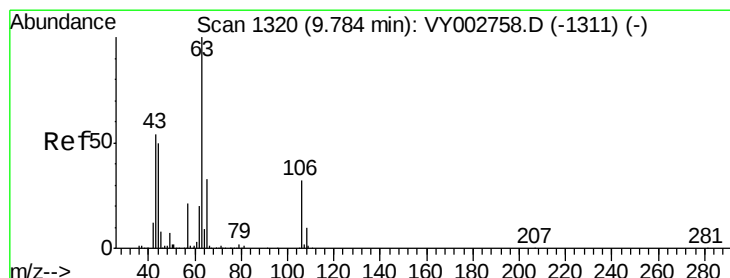
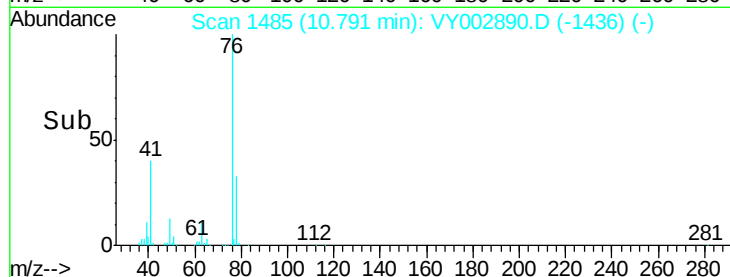


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.50 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002890.D

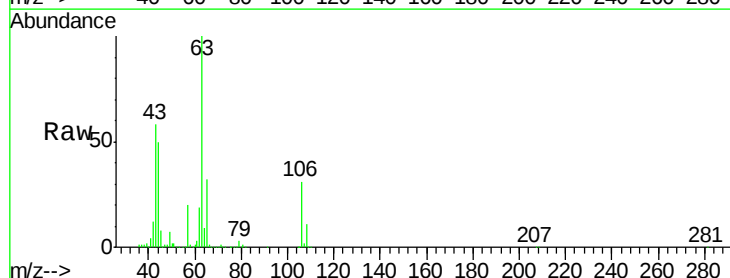
Acq: 11 Jun 2020 15:56

Tgt Ion: 63 Resp: 370692

Ion Ratio Lower Upper

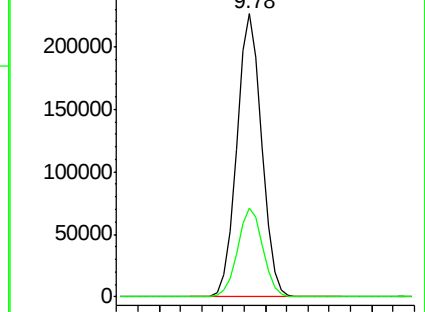
63 100

106 31.8 25.4 38.2

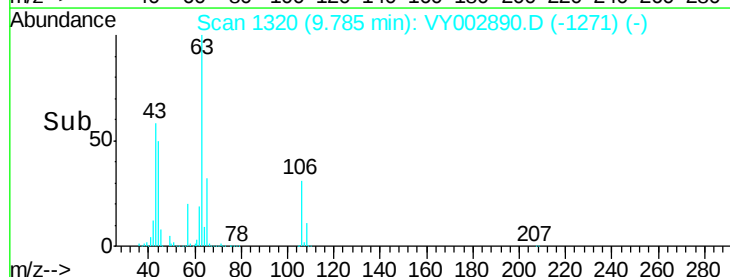


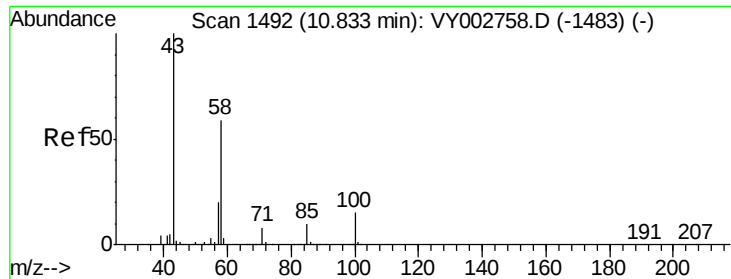
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

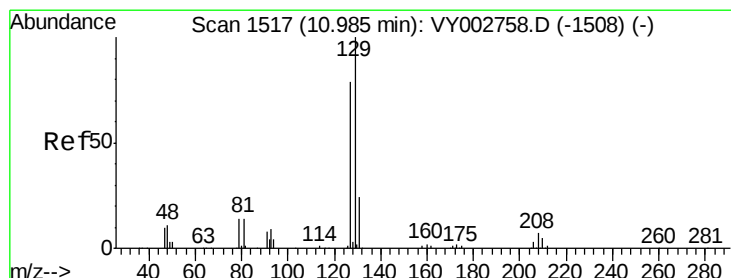
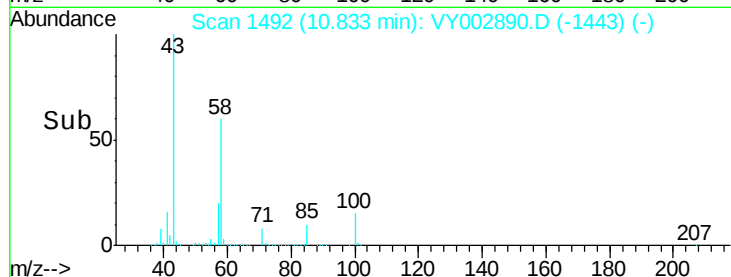
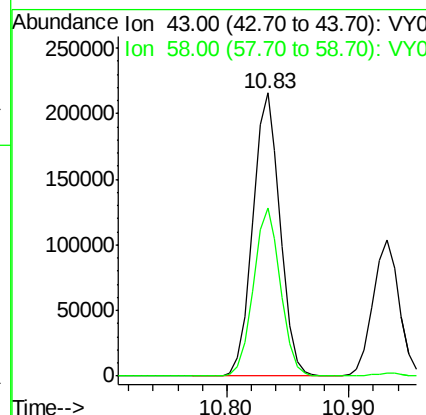
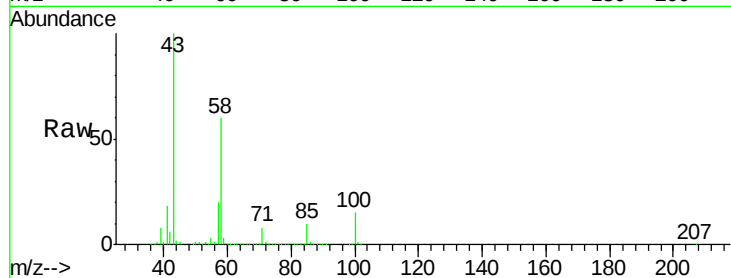




#59
2-Hexanone
Concen: 261.55 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

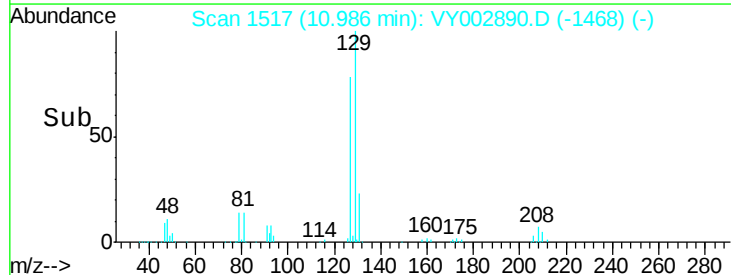
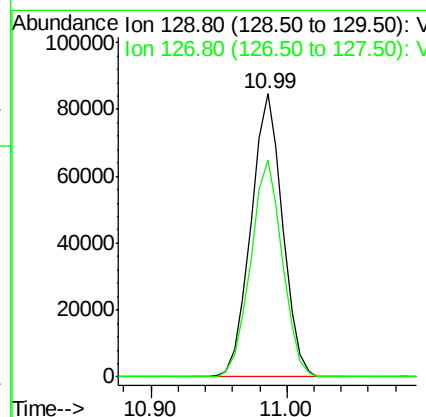
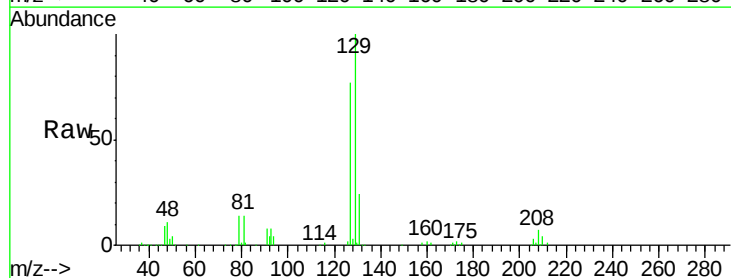
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

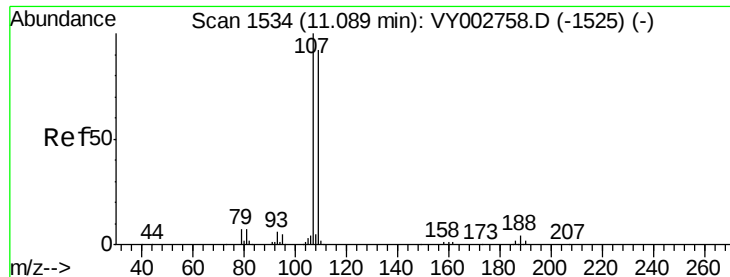
Tgt Ion: 43 Resp: 334217
Ion Ratio Lower Upper
43 100
58 58.9 29.5 88.5



#60
Dibromochloromethane
Concen: 51.07 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

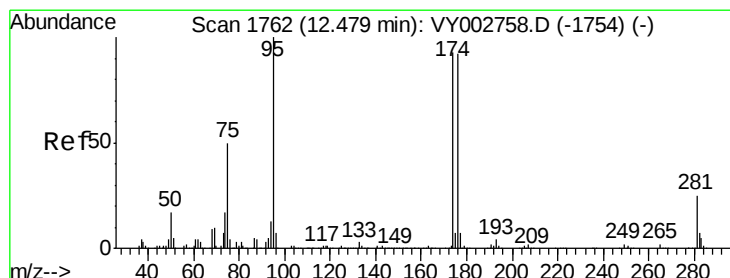
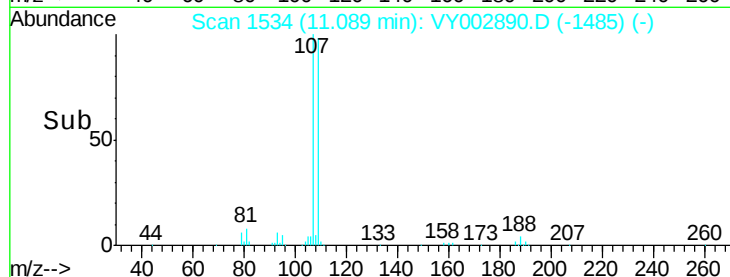
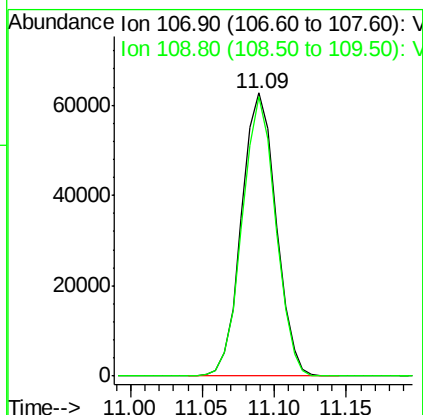
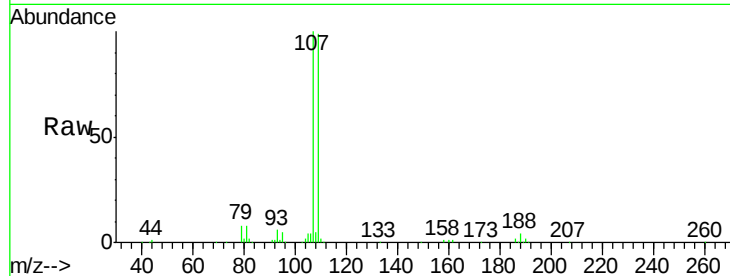




#61
 1,2-Dibromoethane
 Concen: 49.74 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

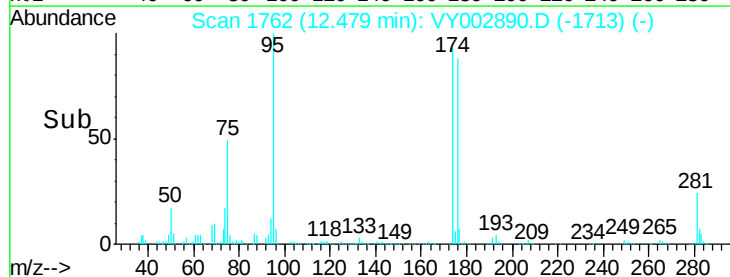
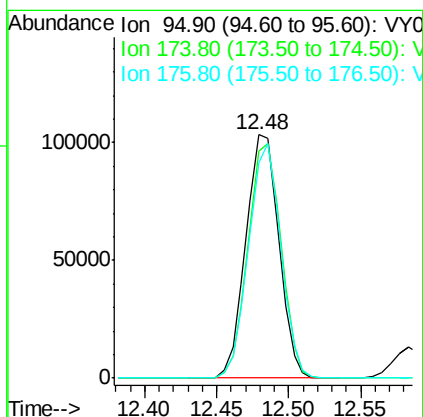
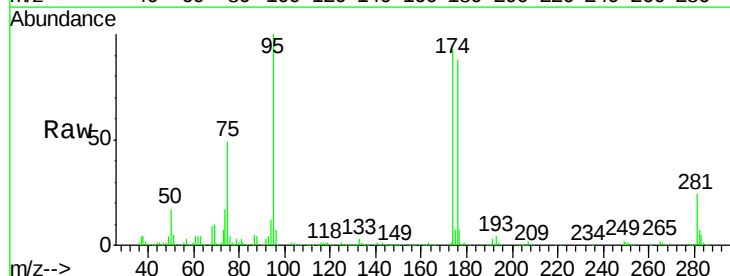
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

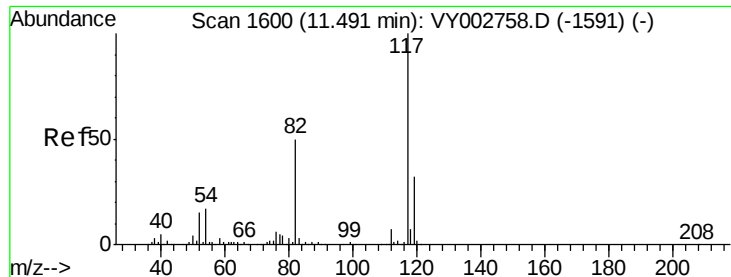
Tgt Ion: 107 Resp: 104287
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.69 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

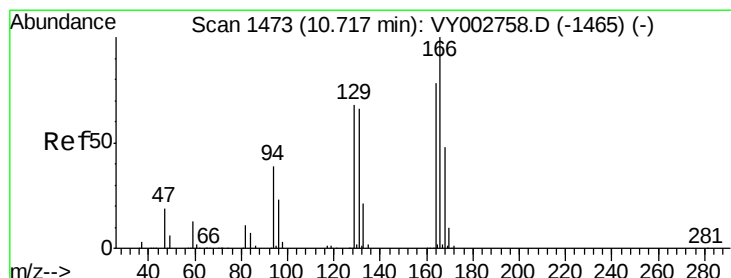
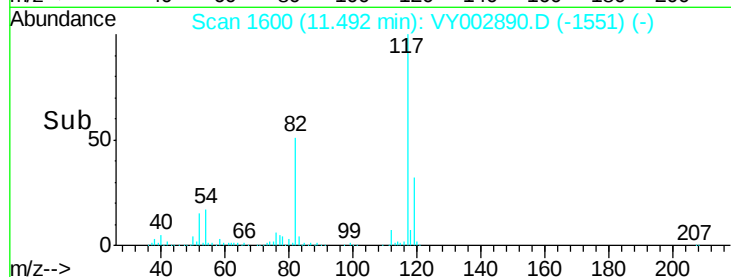
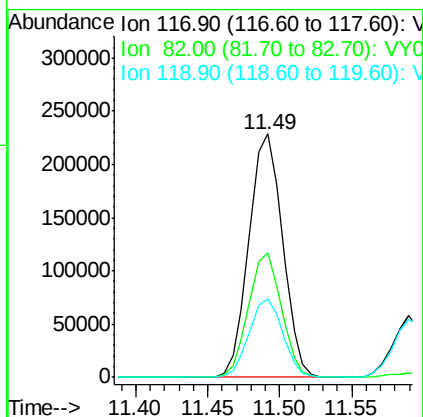
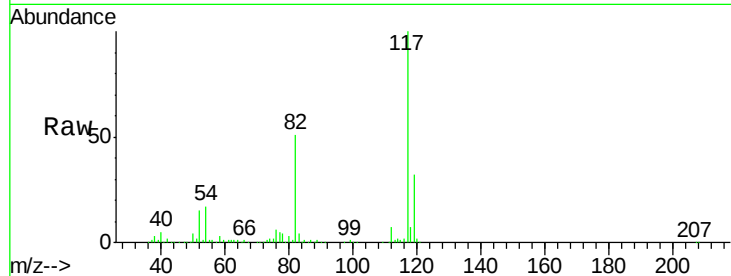




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

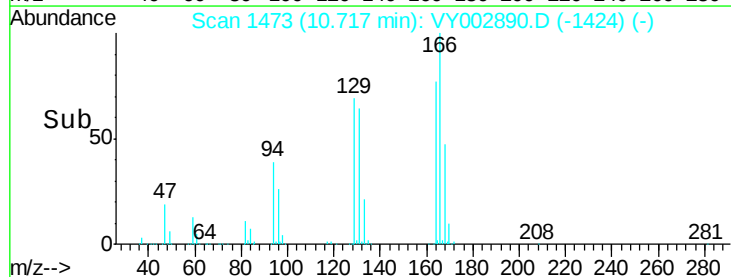
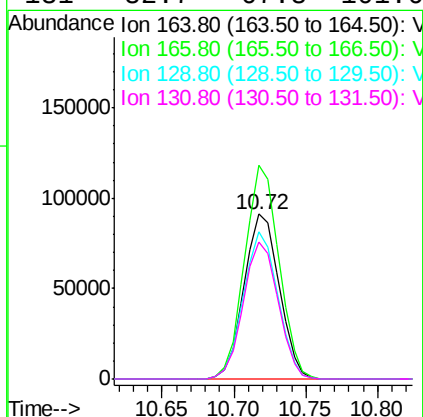
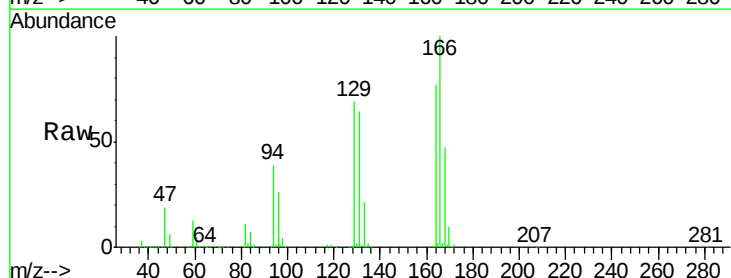
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

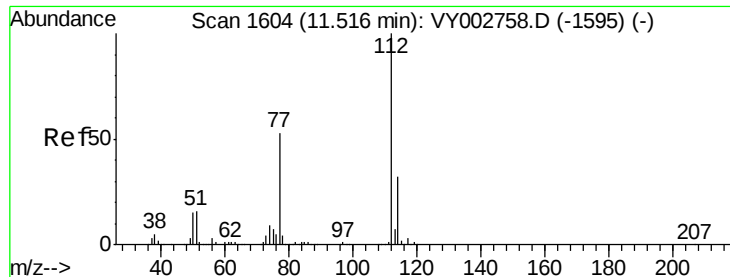
Tgt Ion:117 Resp: 369570
Ion Ratio Lower Upper
117 100
82 51.2 40.2 60.4
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 45.93 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

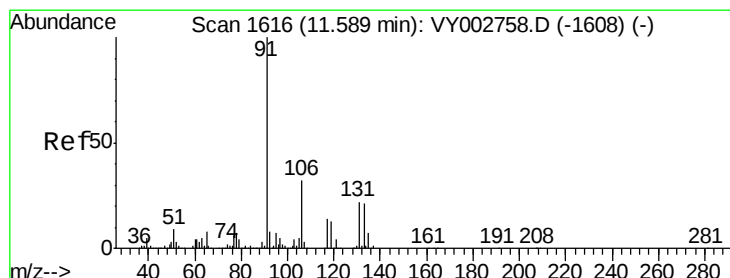
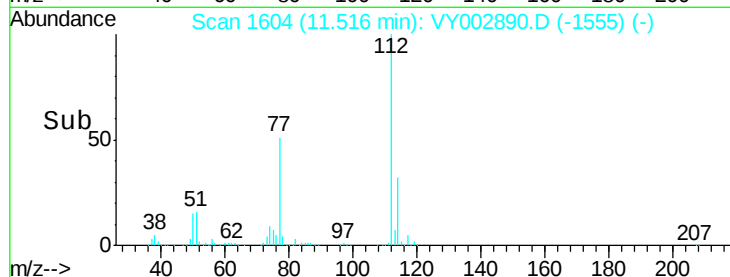
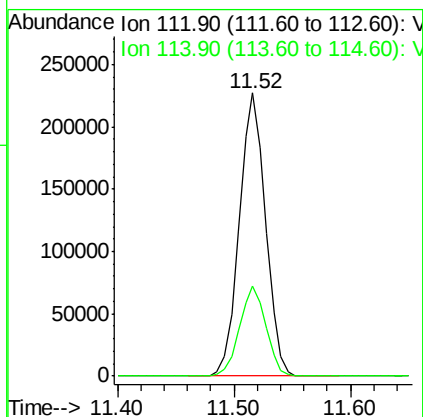
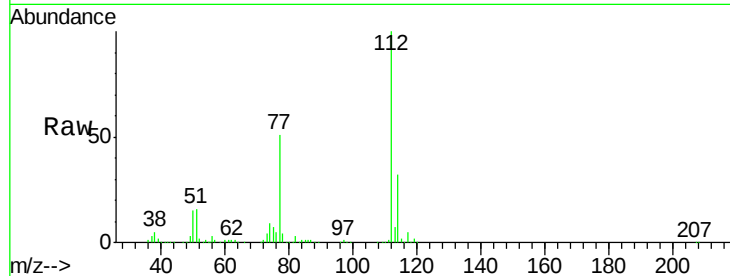




#65
Chlorobenzene
Concen: 48.81 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

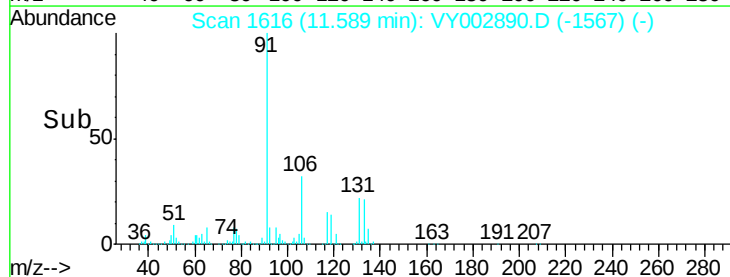
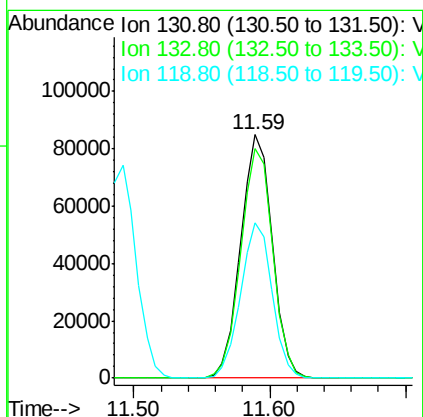
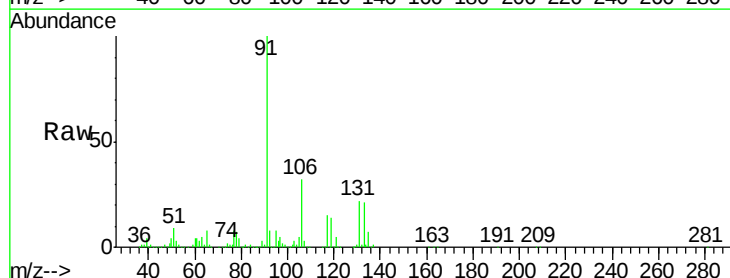
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

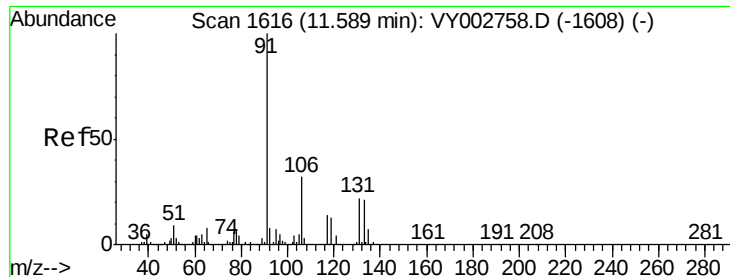
Tgt Ion:112 Resp: 356566
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.17 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

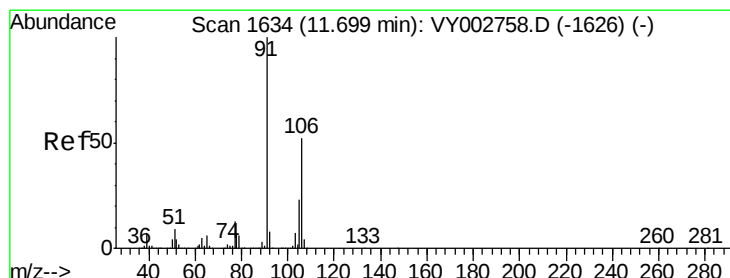
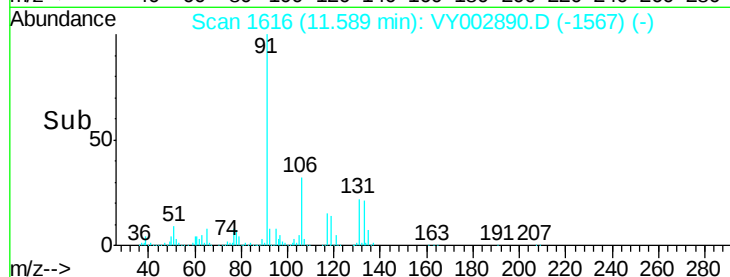
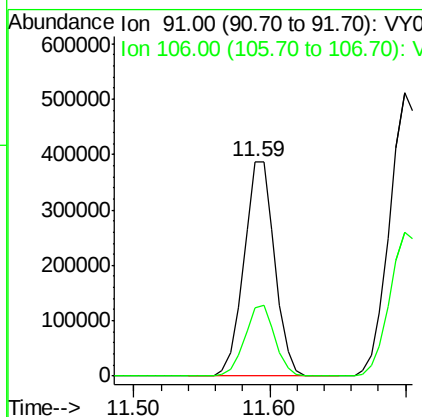
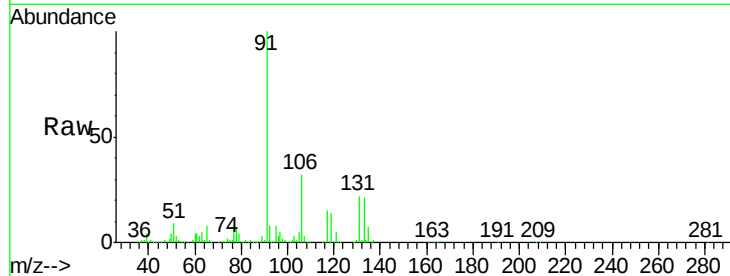




#67
Ethyl Benzene
Concen: 48.14 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

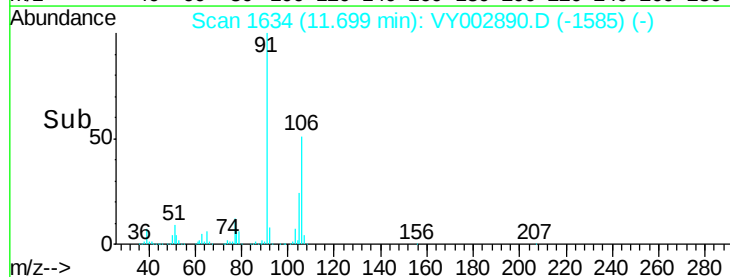
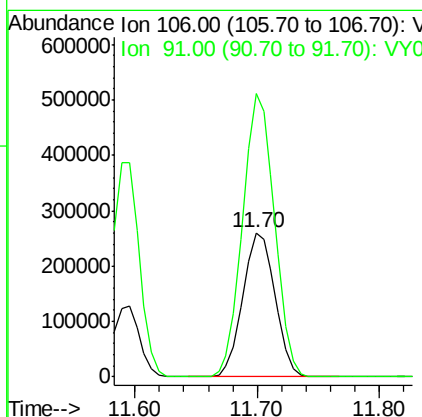
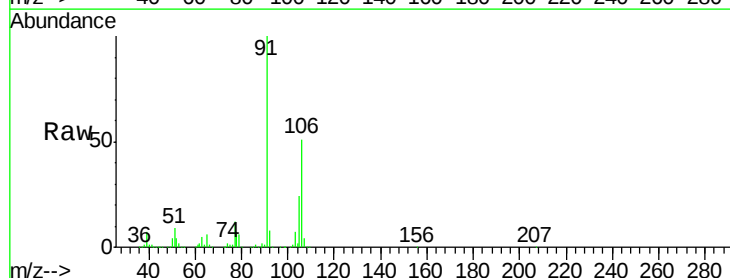
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

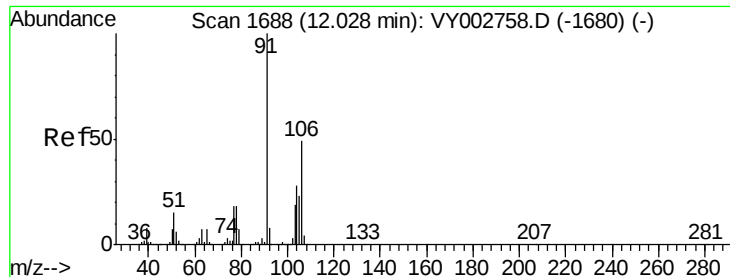
Tgt Ion: 91 Resp: 609585
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5



#68
m/p-Xylenes
Concen: 96.86 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

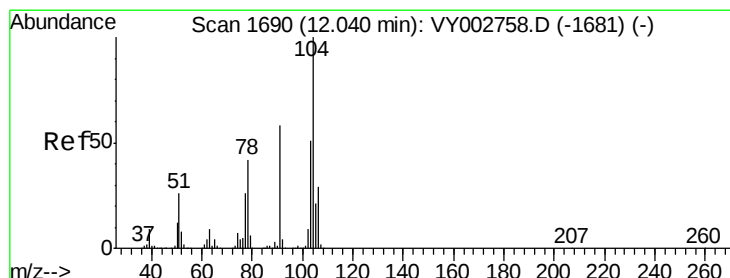
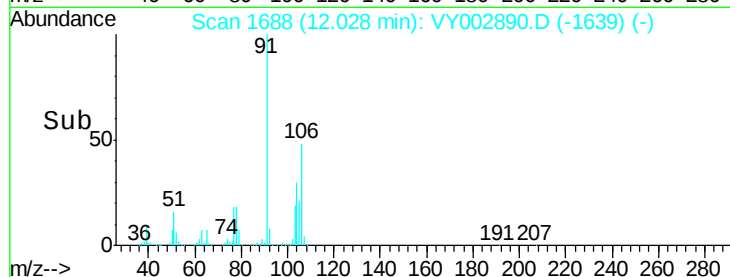
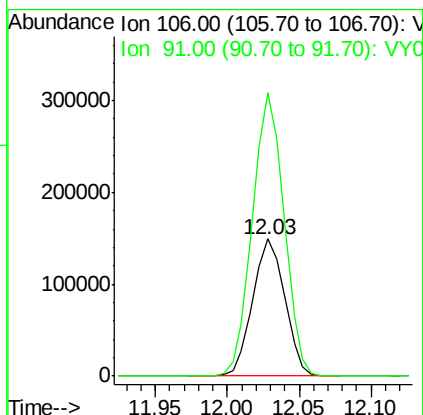
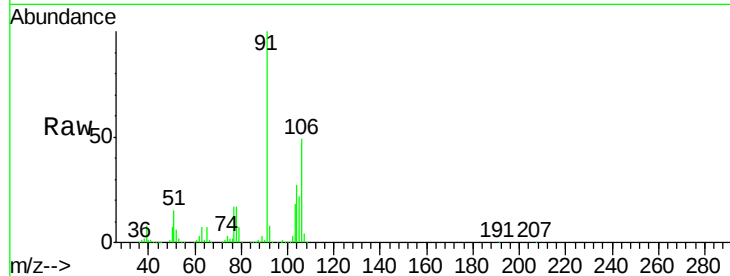




#69
o-Xylene
Concen: 49.37 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

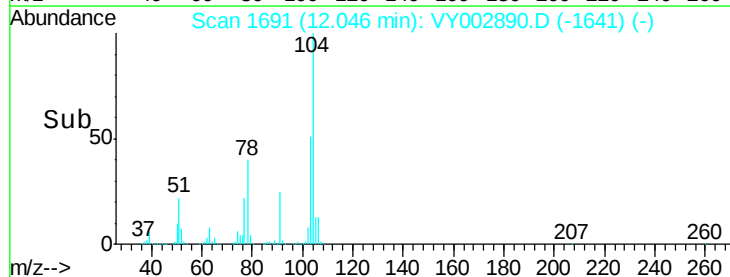
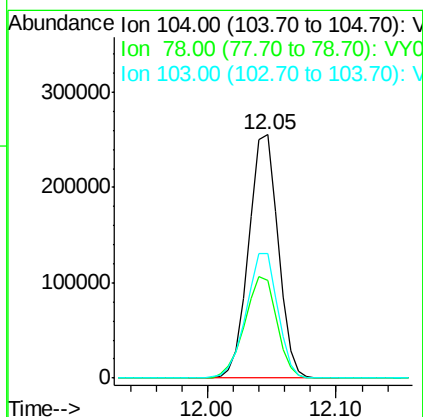
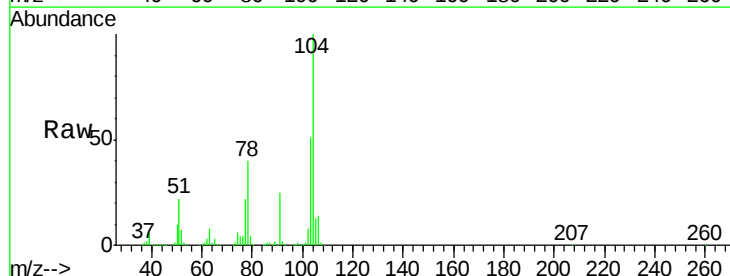
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

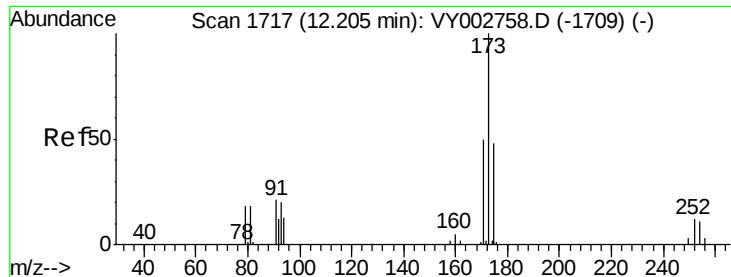
Tgt Ion:106 Resp: 228821
Ion Ratio Lower Upper
106 100
91 203.9 102.4 307.1



#70
Styrene
Concen: 49.89 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: 51.32 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

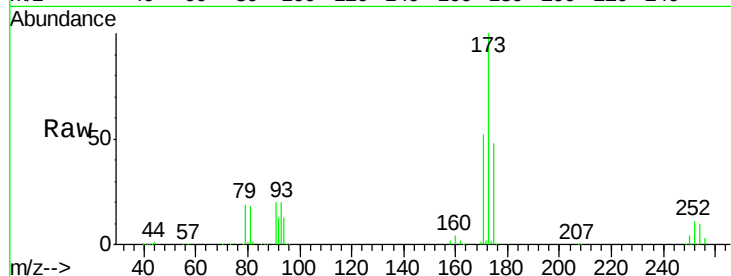
Tgt Ion:173 Resp: 94474

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

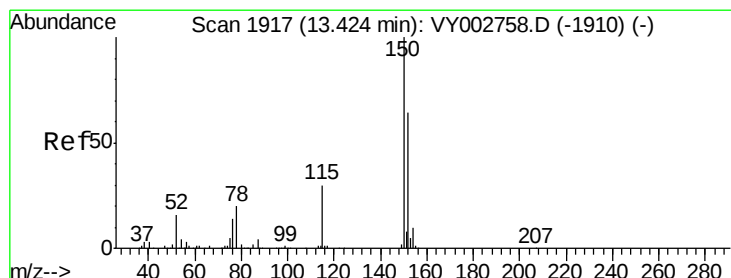
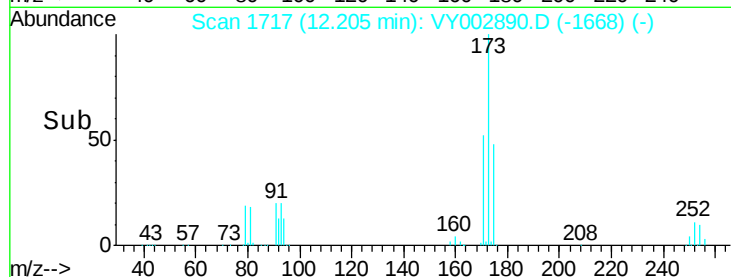
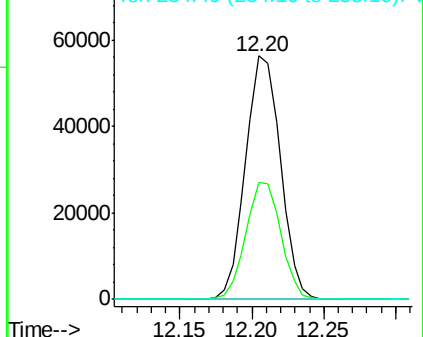
254 0.1 0.1 0.1#



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: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

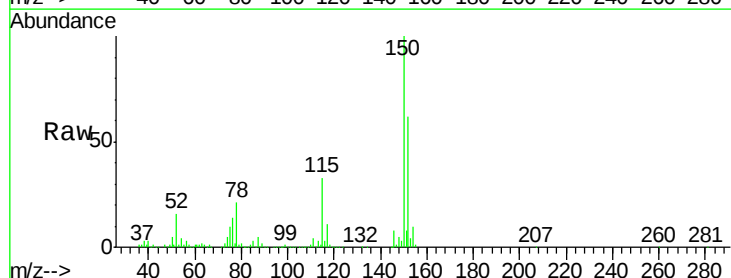
Tgt Ion:152 Resp: 202167

Ion Ratio Lower Upper

152 100

115 53.2 27.0 81.0

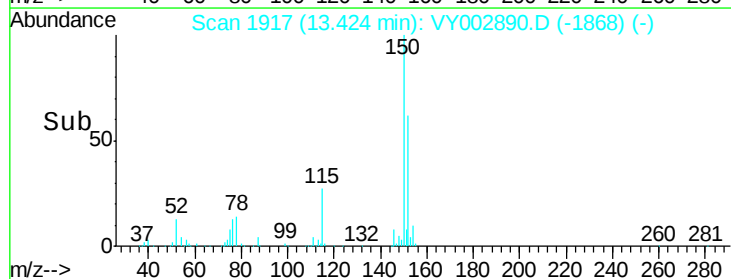
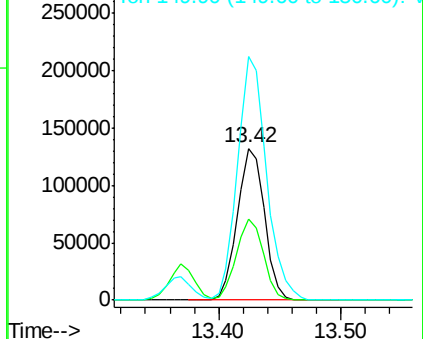
150 171.9 0.0 344.8

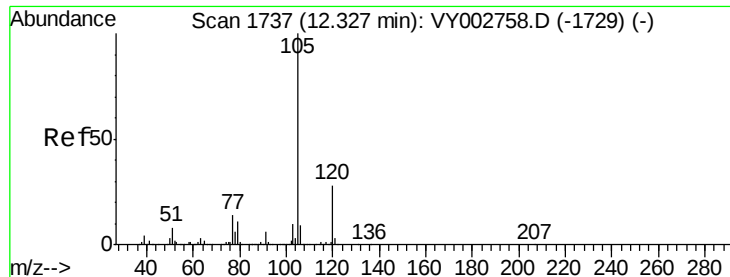


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.98 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 :

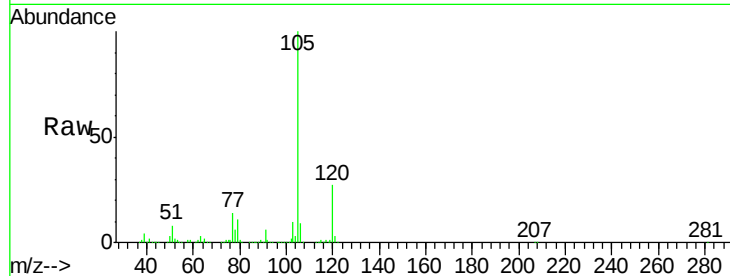
VSTDCCC050EC

Tgt Ion: 105 Resp: 621677

Ion Ratio Lower Upper

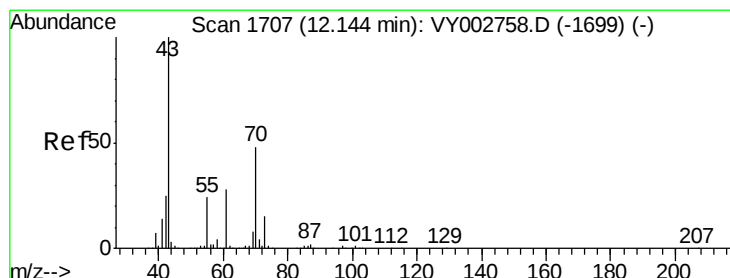
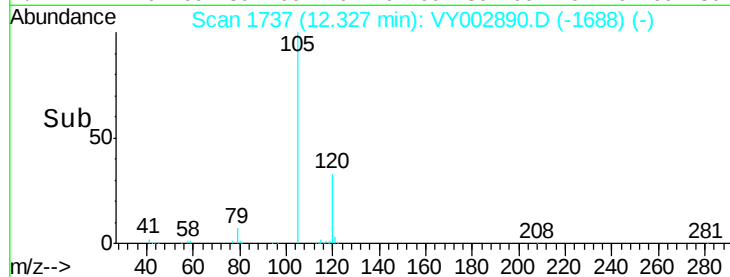
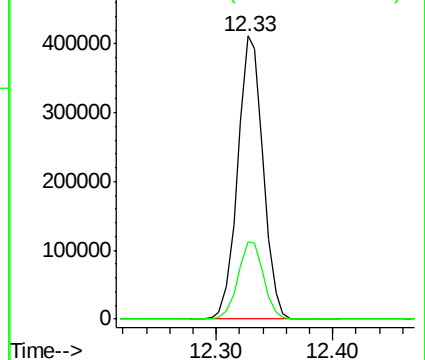
105 100

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: 49.75 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

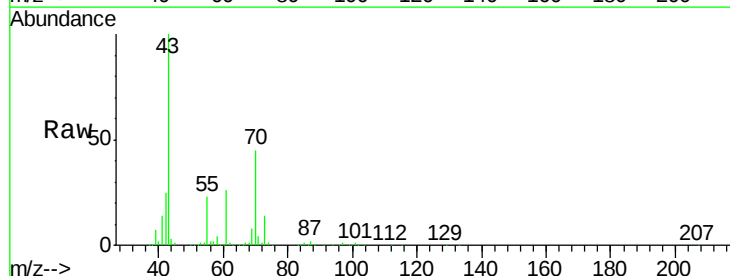
Ion Ratio Lower Upper

43 100

70 46.7 37.7 56.5

55 24.4 19.8 29.6

61 26.5 21.7 32.5

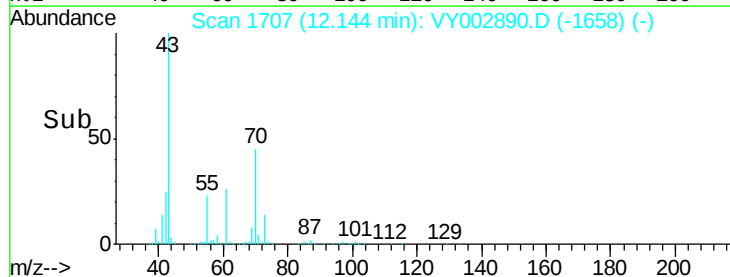
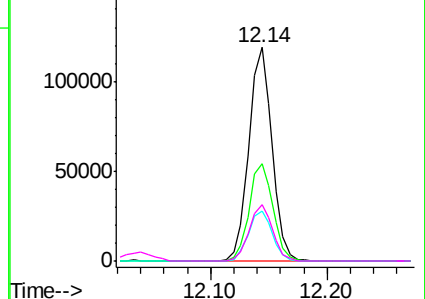


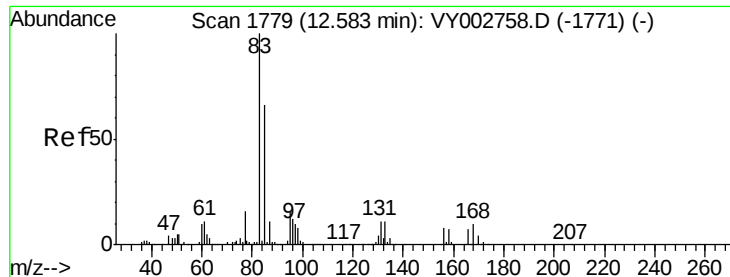
Abundance Ion 43.00 (42.70 to 43.70): VY0

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

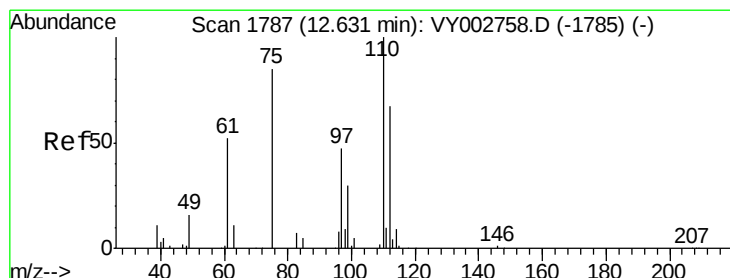
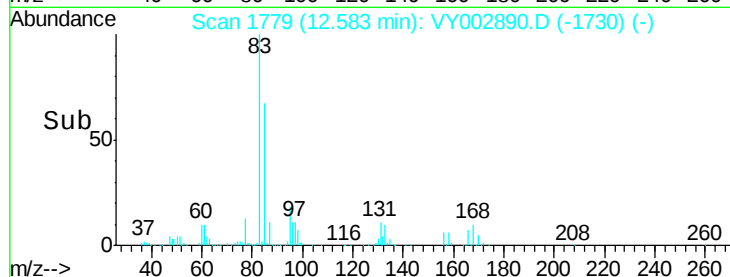
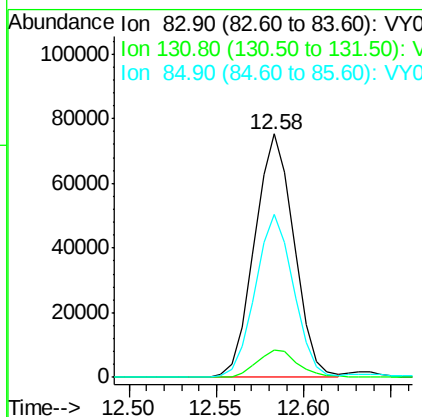
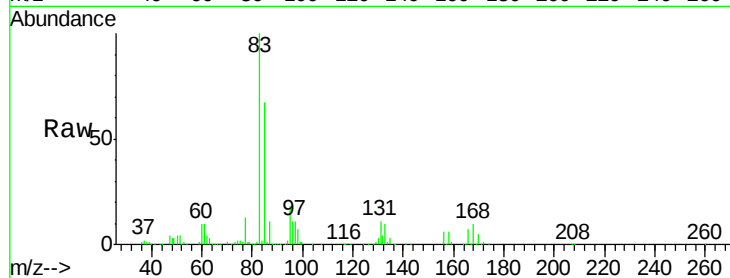




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.82 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

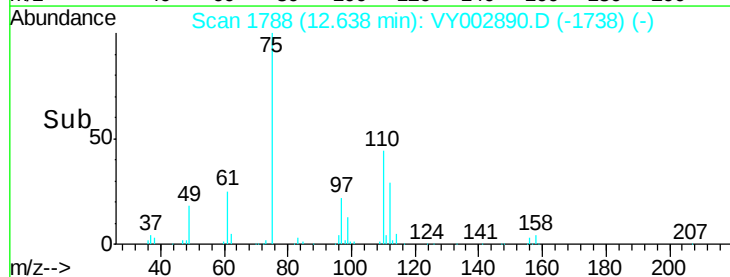
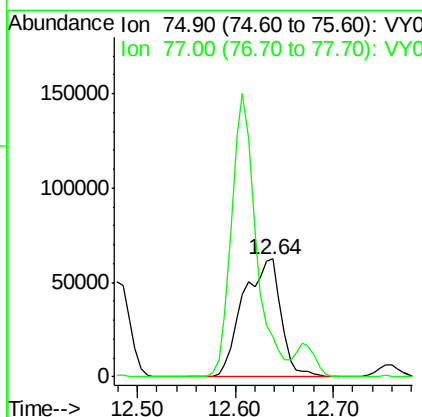
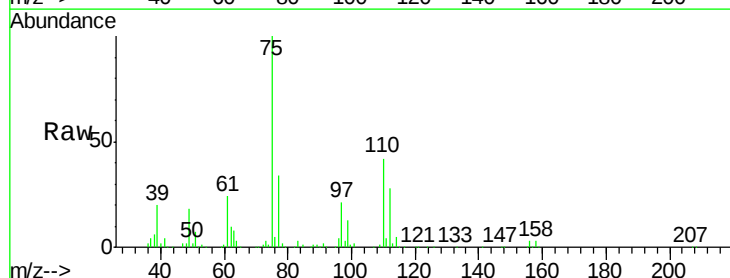
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

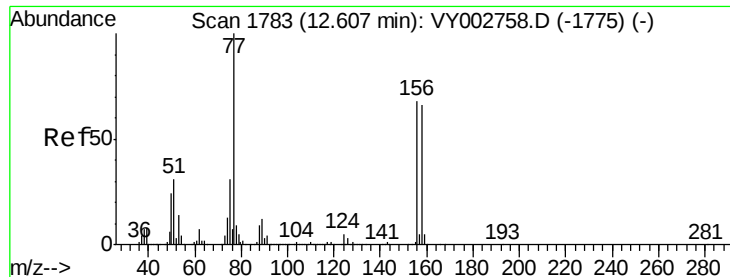
Tgt Ion: 83 Resp: 117796
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.8 17.4
 85 65.2 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 92.53 ug/l
 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: 168550
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.94 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

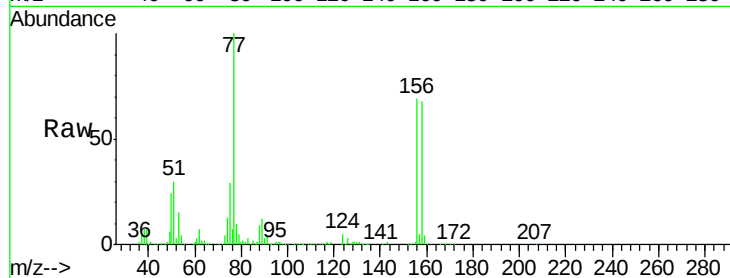
Tgt Ion:156 Resp: 161708

Ion Ratio Lower Upper

156 100

77 164.5 81.4 244.2

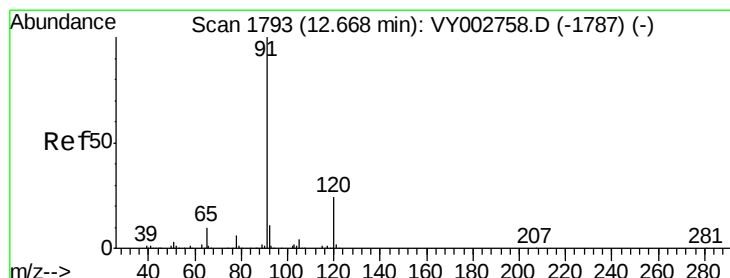
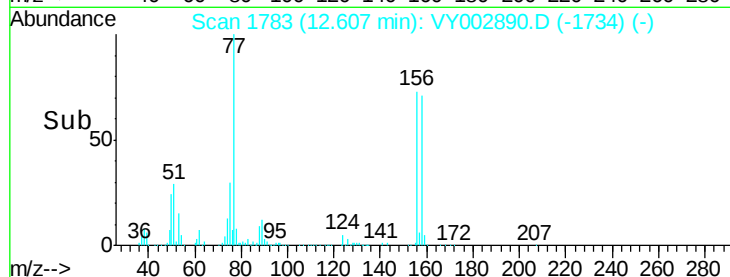
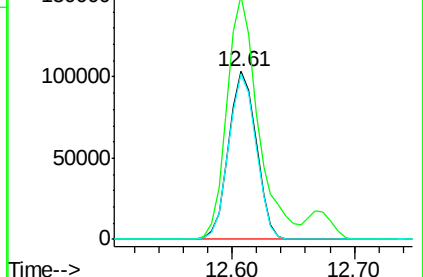
158 97.6 48.5 145.6



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: 48.00 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002890.D

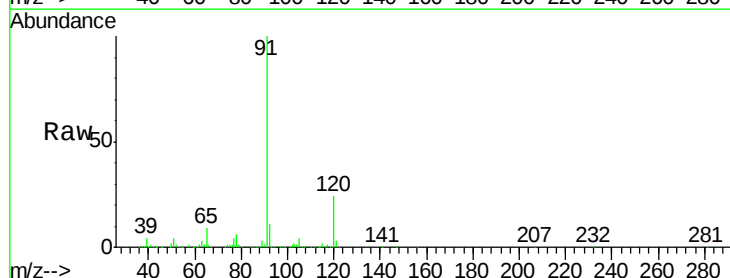
Acq: 11 Jun 2020 15:56

Tgt Ion: 91 Resp: 718394

Ion Ratio Lower Upper

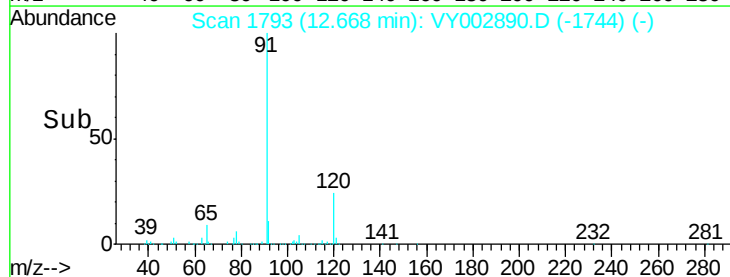
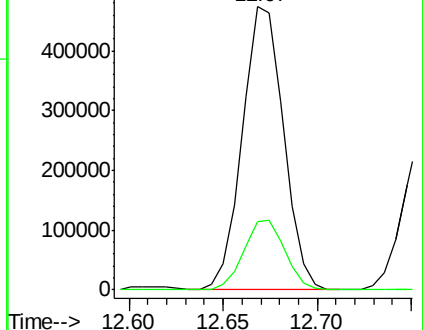
91 100

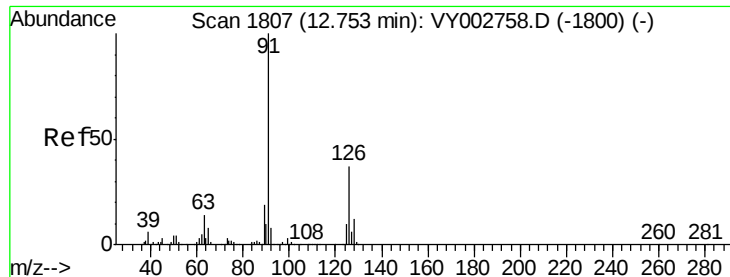
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.67 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 :

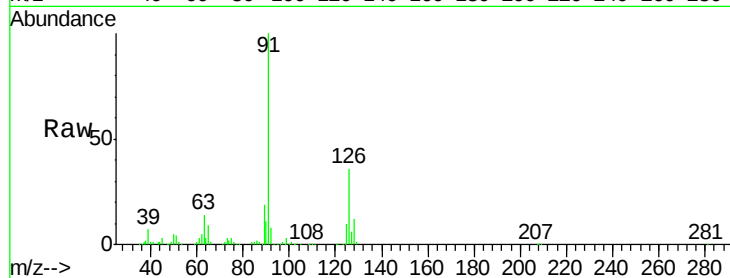
VSTDCCC050EC

Tgt Ion: 91 Resp: 400143

Ion Ratio Lower Upper

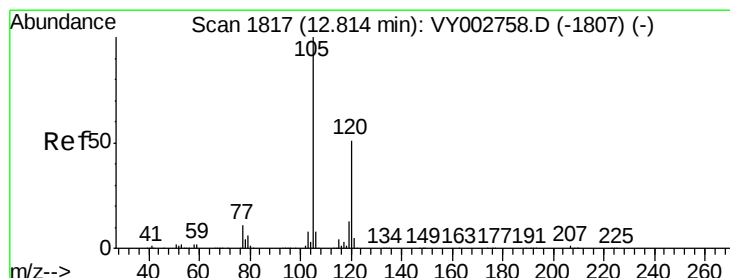
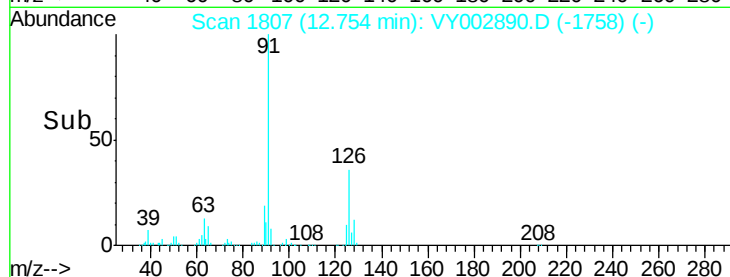
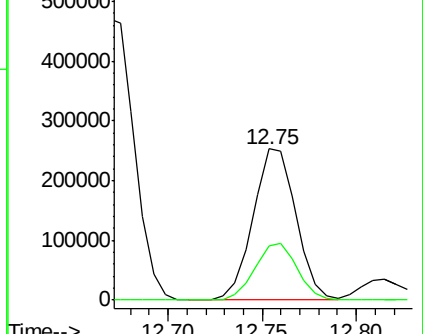
91 100

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: 48.24 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002890.D

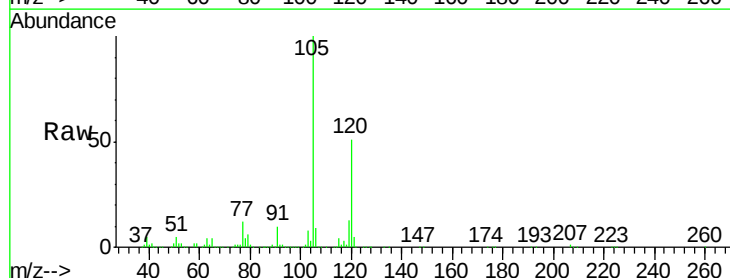
Acq: 11 Jun 2020 15:56

Tgt Ion: 105 Resp: 521872

Ion Ratio Lower Upper

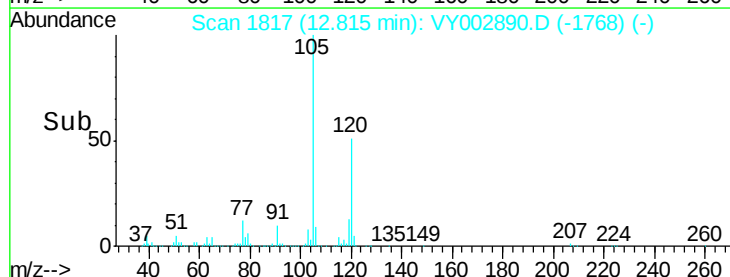
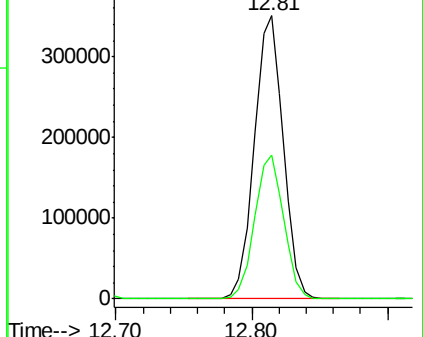
105 100

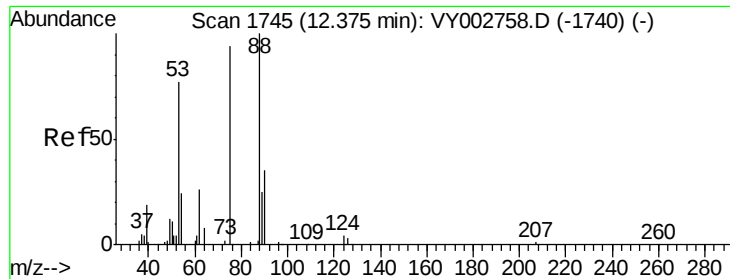
120 51.2 25.3 75.8



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: 48.69 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

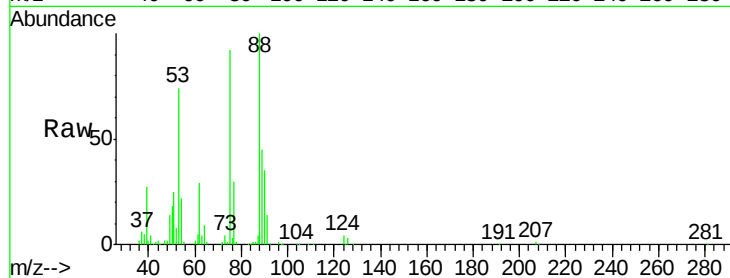
Tgt Ion: 75 Resp: 47076

Ion Ratio Lower Upper

75 100

53 82.5 64.0 96.0

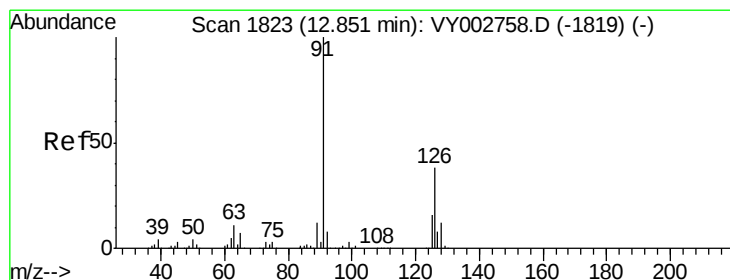
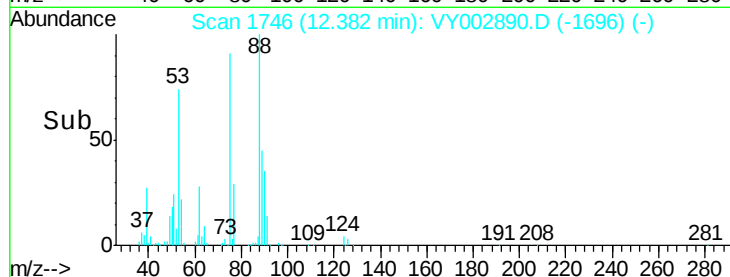
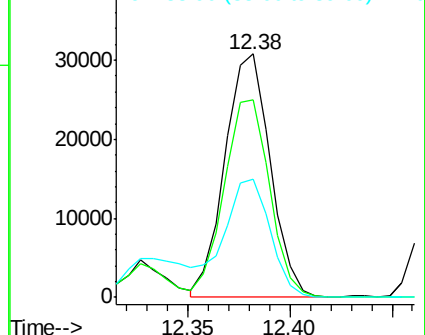
89 50.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY002890.D (-1696) (-)

Ion 53.00 (52.70 to 53.70): VY002890.D (-1696) (-)

Ion 88.90 (88.60 to 89.60): VY002890.D (-1696) (-)



#82

4-Chlorotoluene

Concen: 48.02 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002890.D

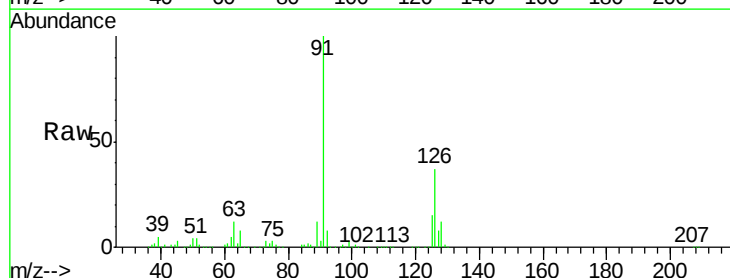
Acq: 11 Jun 2020 15:56

Tgt Ion: 91 Resp: 422332

Ion Ratio Lower Upper

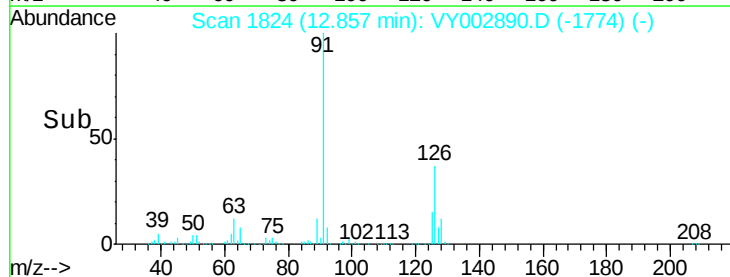
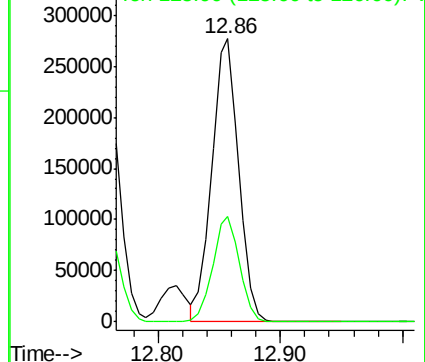
91 100

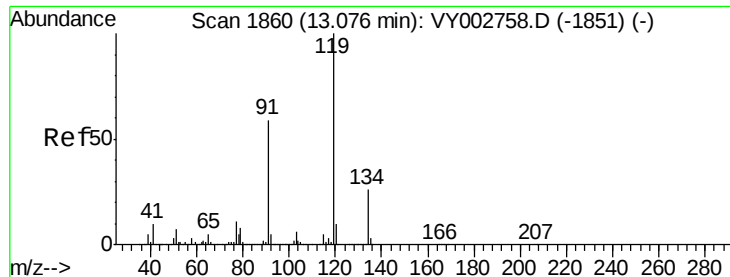
126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002890.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VY002890.D (-1774) (-)

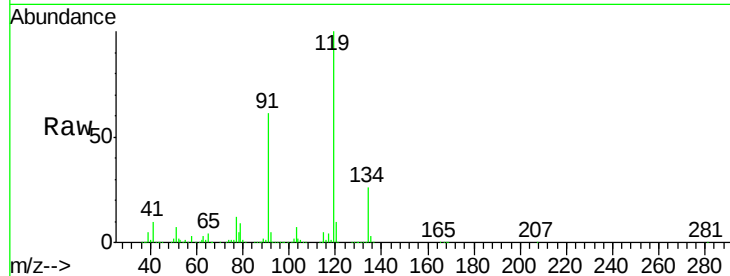




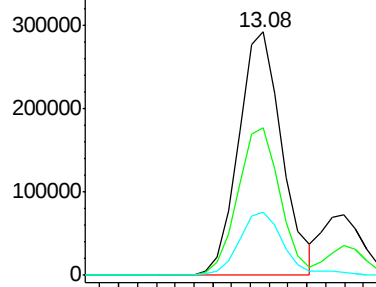
#83
 tert-Butylbenzene
 Concen: 48.27 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

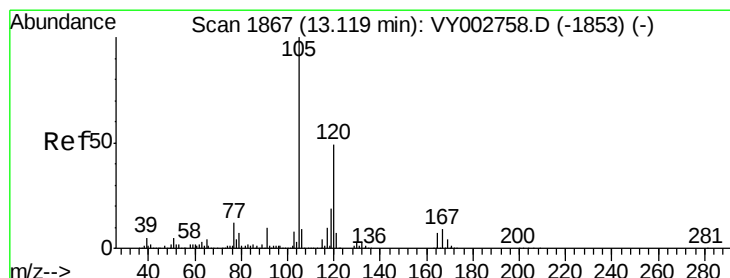
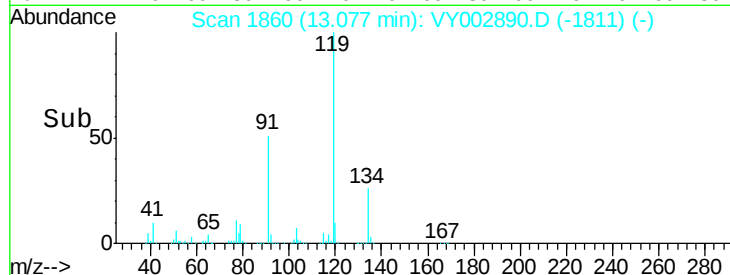
Tgt Ion:119 Resp: 465816
 Ion Ratio Lower Upper
 119 100
 91 59.2 29.8 89.4
 134 27.0 13.3 39.8



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

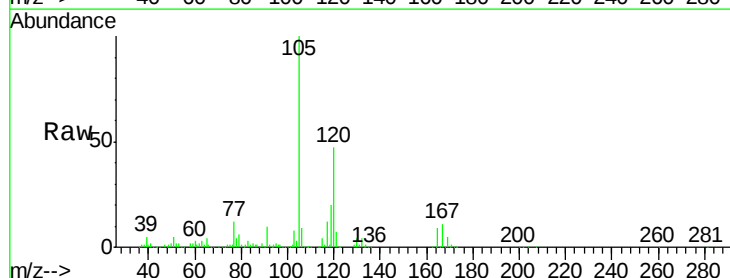


Time-->

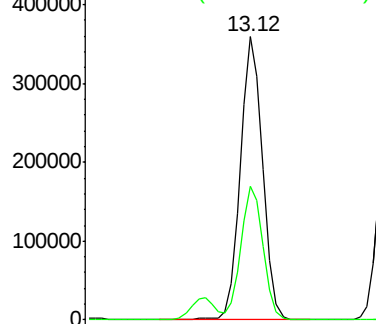


#84
 1,2,4-Trimethylbenzene
 Concen: 48.24 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

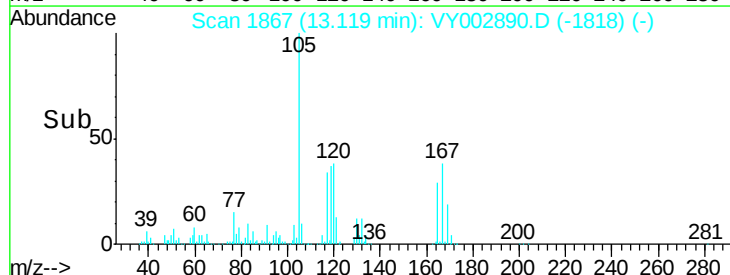
Tgt Ion:105 Resp: 524722
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.6 70.8

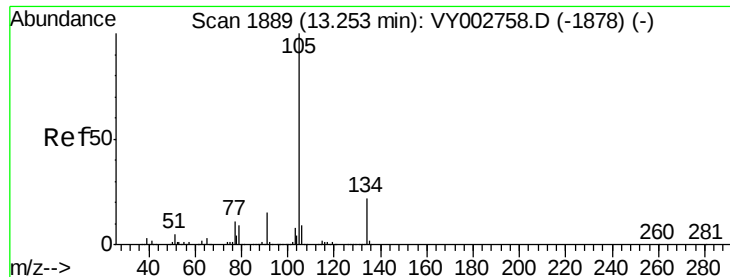


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 48.22 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 :

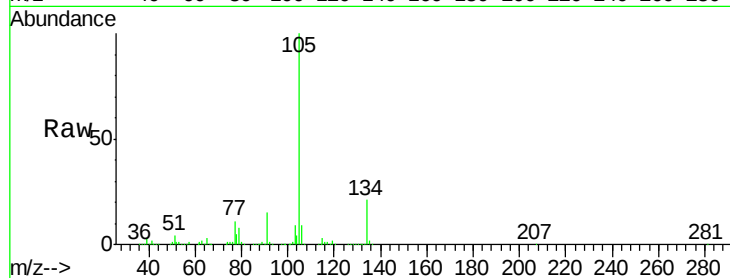
VSTDCCC050EC

Tgt 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

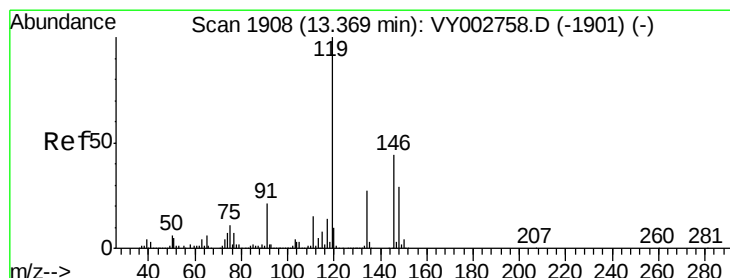
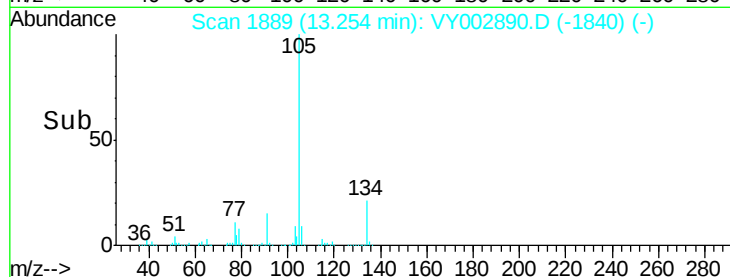
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.33 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002890.D

Acq: 11 Jun 2020 15:56

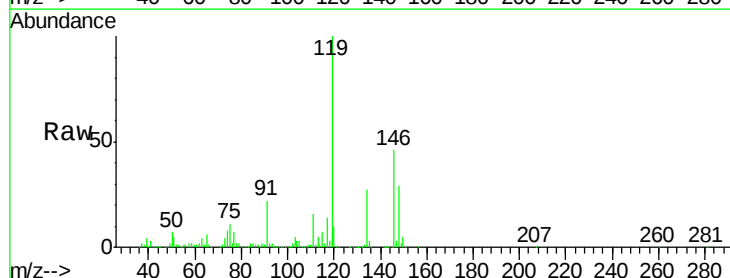
Tgt Ion:119 Resp: 593354

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

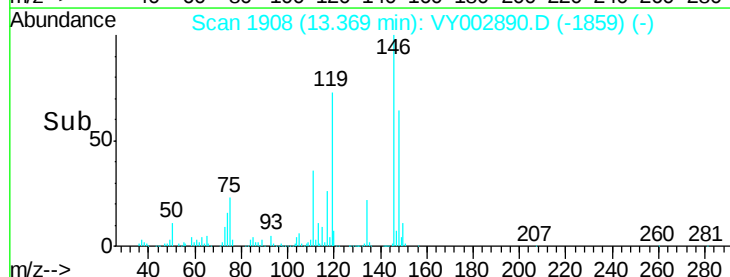
300000

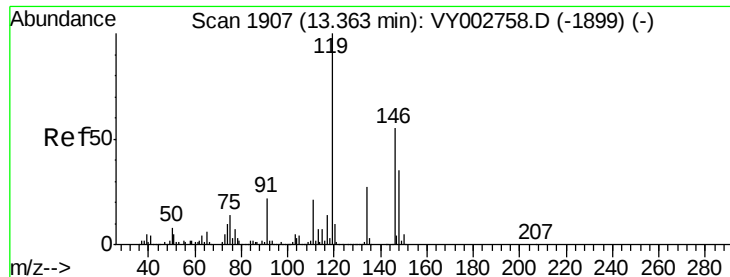
200000

100000

0

Time-->

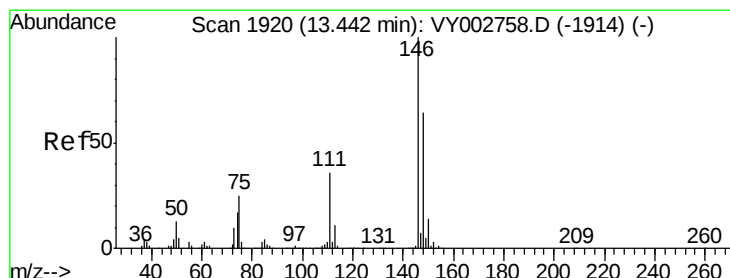
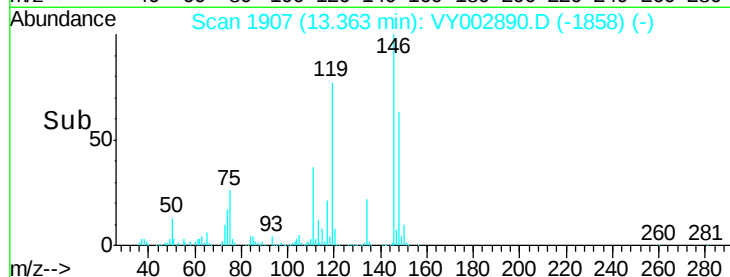
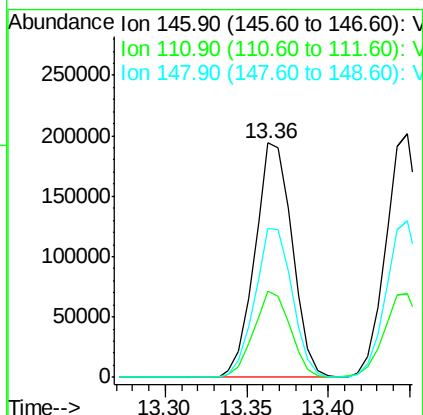
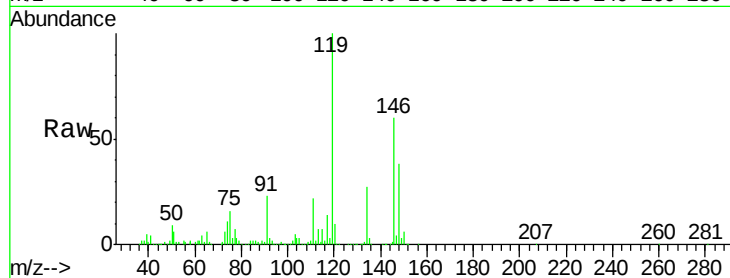




#87
 1,3-Dichlorobenzene
 Concen: 48.30 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

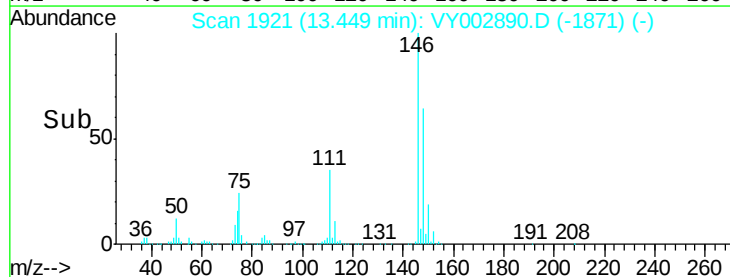
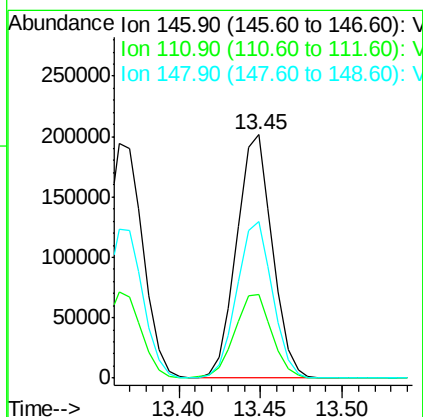
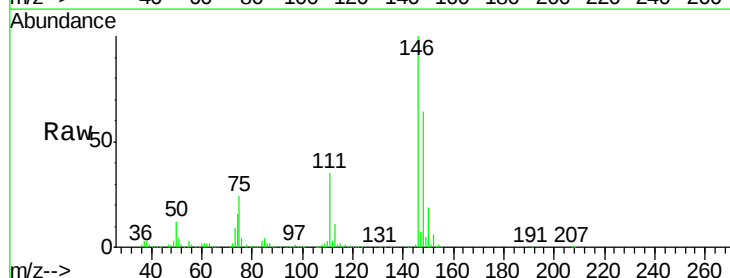
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

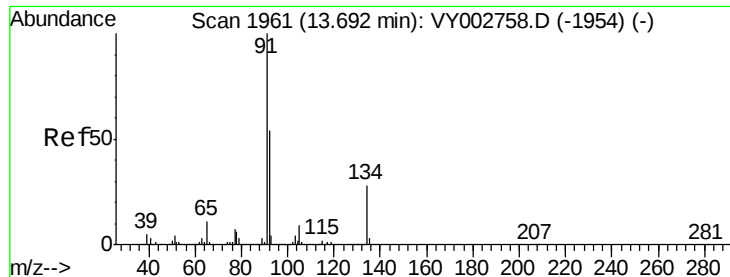
Tgt Ion:146 Resp: 308633
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.4 55.0
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.09 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: 48.09 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

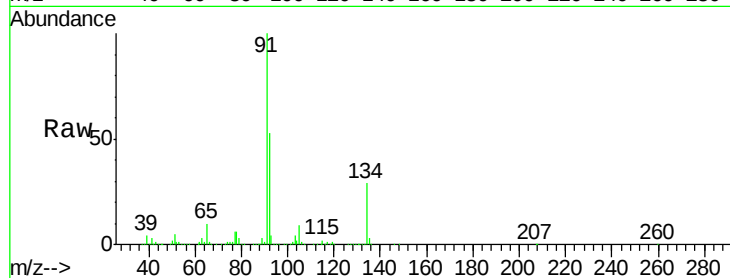
Tgt Ion: 91 Resp: 536037

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

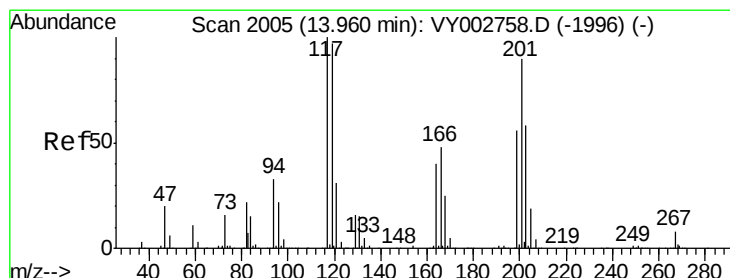
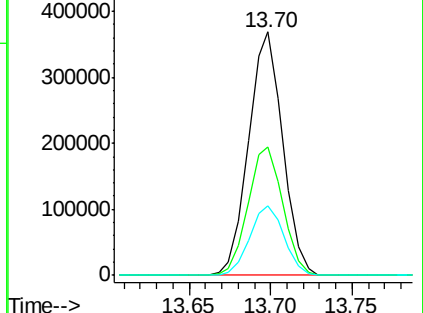
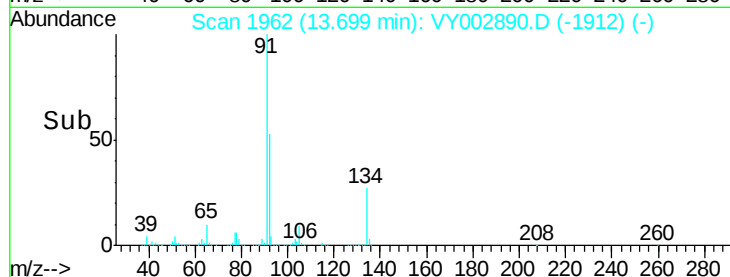
134 28.9 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002890.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002890.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002890.D (-1912) (-)



#90

Hexachloroethane

Concen: 49.03 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002890.D

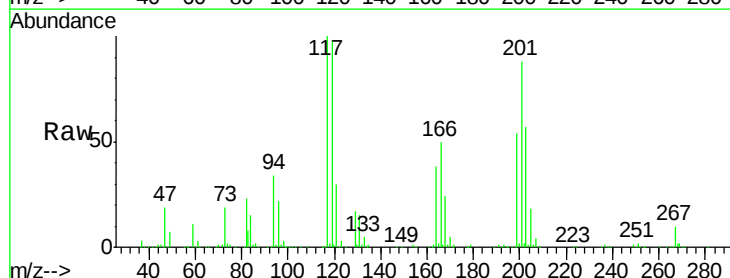
Acq: 11 Jun 2020 15:56

Tgt Ion: 117 Resp: 112695

Ion Ratio Lower Upper

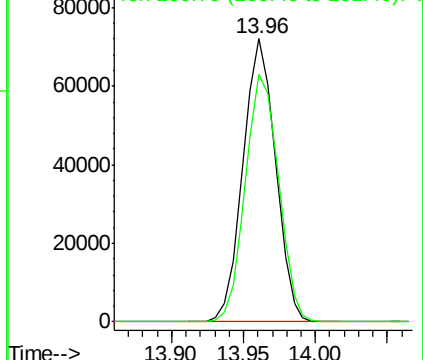
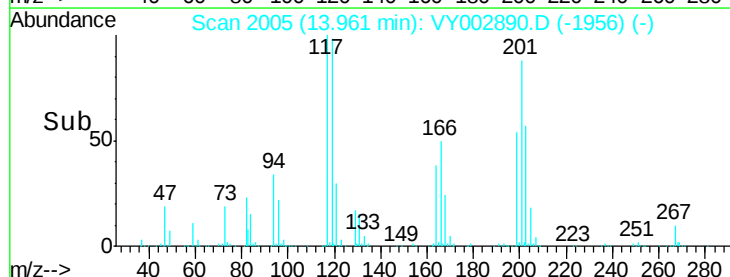
117 100

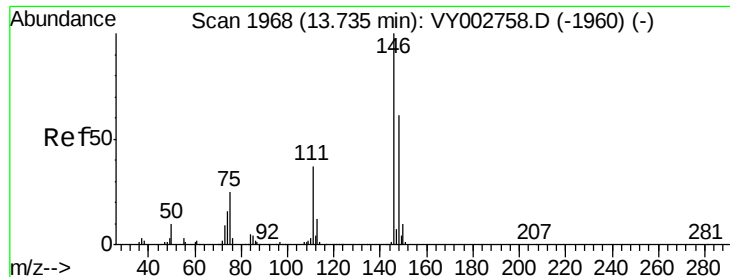
201 89.1 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002890.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002890.D (-1956) (-)

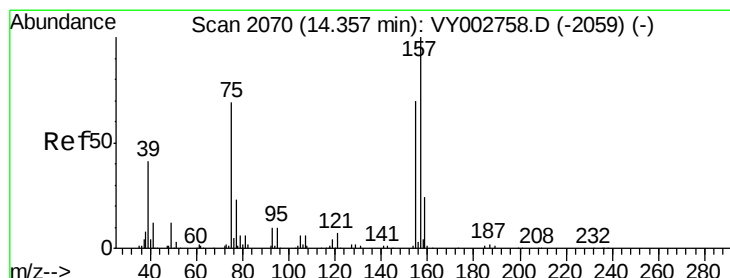
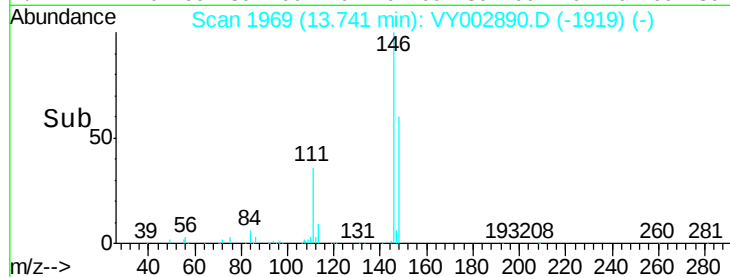
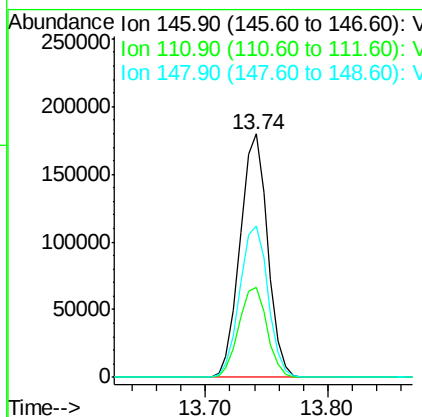
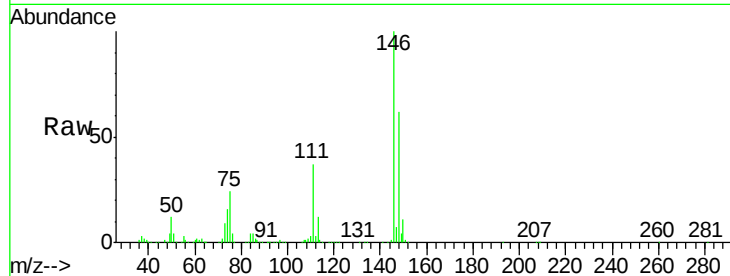




#91
 1,2-Dichlorobenzene
 Concen: 48.34 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

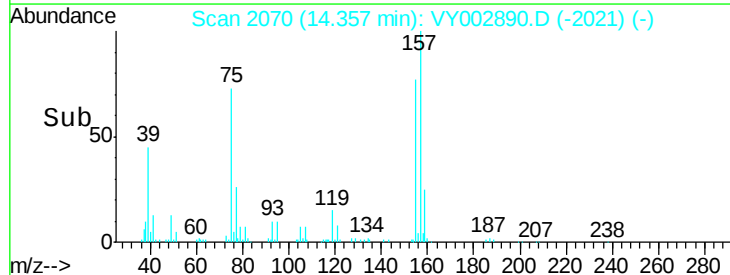
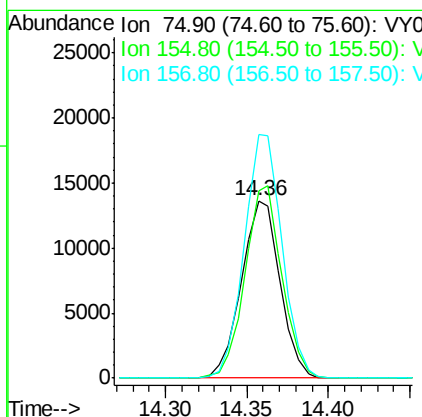
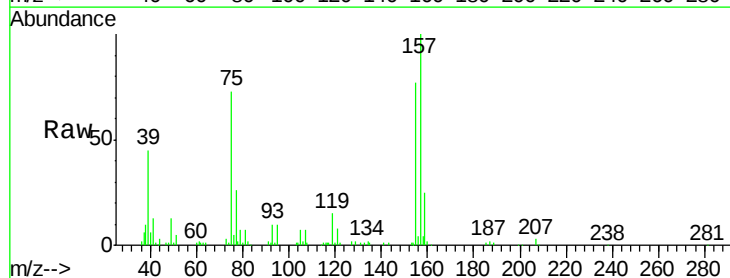
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

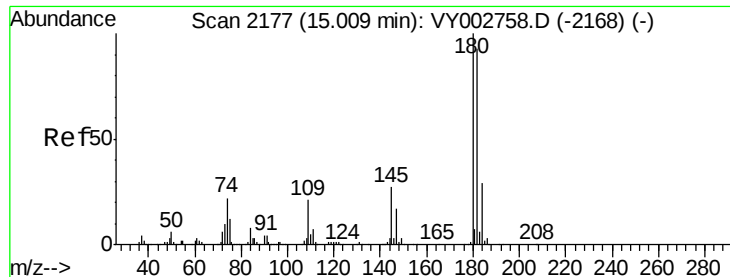
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.25 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

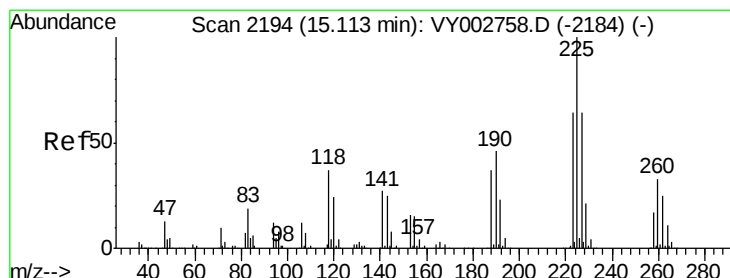
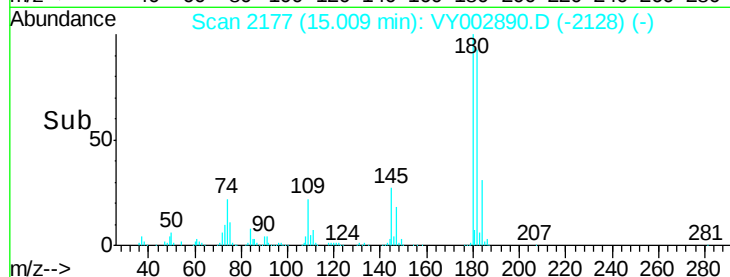
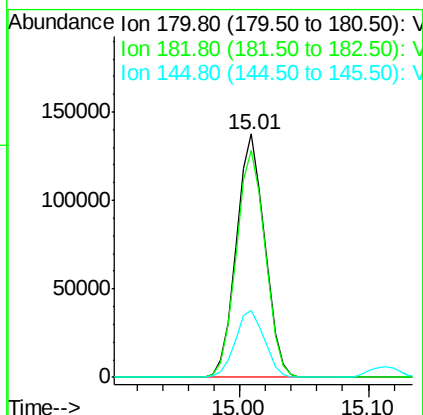
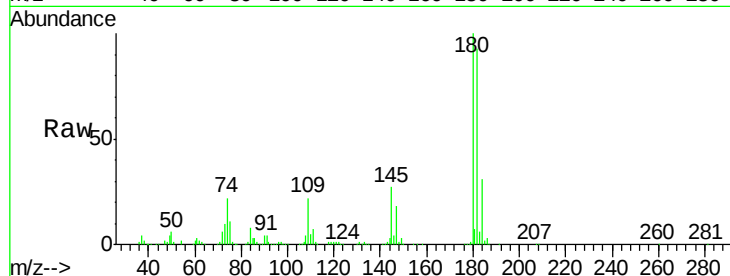




#93
 1,2,4-Trichlorobenzene
 Concen: 48.06 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002890.D
 Acq: 11 Jun 2020 15:56

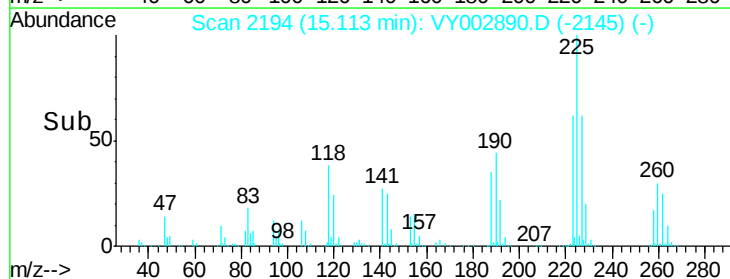
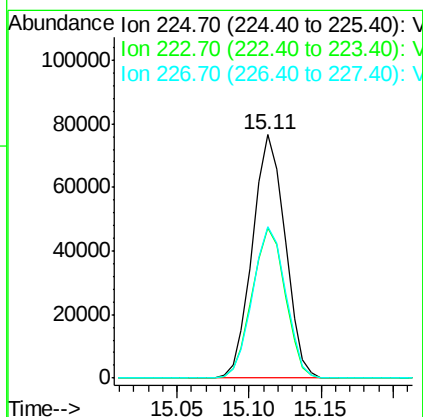
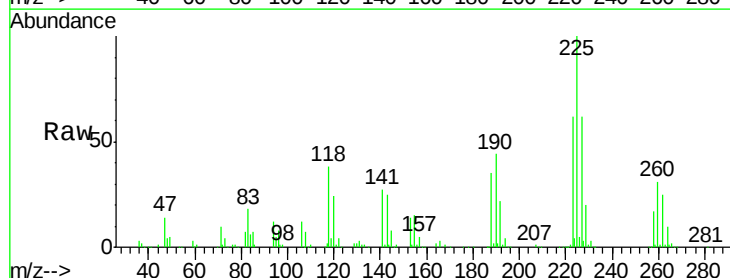
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

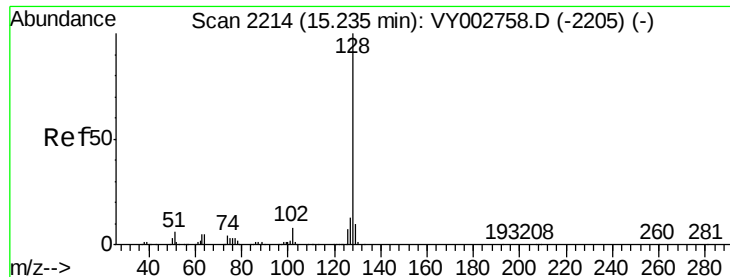
Tgt Ion:180 Resp: 209916
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 141.9
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 48.37 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

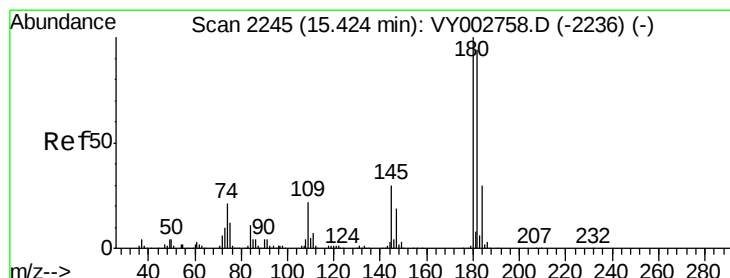
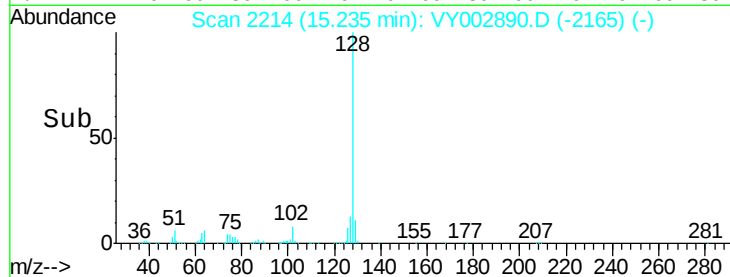
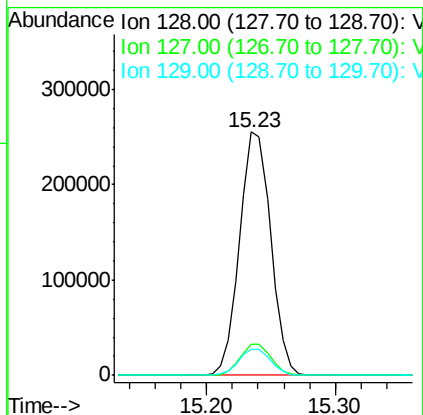
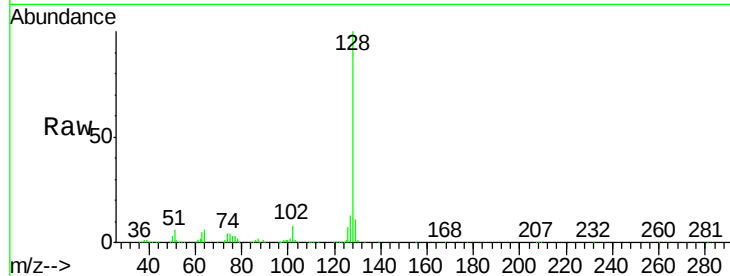




#95
Naphthalene
Concen: 48.82 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002890.D
Acq: 11 Jun 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 427599
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.20 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

