

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002862.D
 Acq On : 09 Jun 2020 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 10 05:08:13 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	304064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	446822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	409576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	218186	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	124848	47.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.58%	
35) Dibromofluoromethane	7.72	113	129717	49.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.08%	
50) Toluene-d8	10.18	98	499283	47.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.48	95	175385	48.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	93335	44.611	ug/l	96
3) Chloromethane	2.12	50	104274	45.059	ug/l	99
4) Vinyl Chloride	2.26	62	119345	48.791	ug/l	97
5) Bromomethane	2.65	94	82767	45.153	ug/l	96
6) Chloroethane	2.80	64	73146	46.130	ug/l	99
7) Trichlorofluoromethane	3.13	101	203658	47.011	ug/l	98
8) Diethyl Ether	3.54	74	73892	43.683	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	125514	48.797	ug/l	98
10) Methyl Iodide	4.10	142	170773	47.449	ug/l	100
11) Tert butyl alcohol	4.97	59	66226	232.495	ug/l	99
12) 1,1-Dichloroethene	3.88	96	120819	46.707	ug/l	96
13) Acrolein	3.74	56	69901	225.930	ug/l	97
14) Allyl chloride	4.49	41	179543	48.395	ug/l	100
15) Acrylonitrile	5.17	53	183152	240.003	ug/l	99
16) Acetone	3.96	43	178717	288.684	ug/l	99
17) Carbon Disulfide	4.20	76	338436	43.297	ug/l	99
18) Methyl Acetate	4.49	43	76300	49.100	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	343665	48.125	ug/l	100
20) Methylene Chloride	4.72	84	140866	46.561	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	136401	46.889	ug/l	98
22) Diisopropyl ether	6.13	45	375033	48.646	ug/l	97
23) Vinyl Acetate	6.07	43	1258345	247.220	ug/l	98
24) 1,1-Dichloroethane	6.03	63	218693	48.492	ug/l	98
25) 2-Butanone	6.99	43	240167	249.002	ug/l	98
26) 2,2-Dichloropropane	6.99	77	207949	48.078	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	155217	47.663	ug/l	99
28) Bromochloromethane	7.34	49	91105	49.210	ug/l	99
29) Tetrahydrofuran	7.35	42	147160	234.562	ug/l	99
30) Chloroform	7.52	83	235094	49.125	ug/l	99
31) Cyclohexane	7.79	56	198311	44.289	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	213995	47.986	ug/l	99
36) 1,1-Dichloropropene	7.92	75	180055	47.837	ug/l	100
37) Ethyl Acetate	7.08	43	99062	48.373	ug/l	99
38) Carbon Tetrachloride	7.91	117	201940	48.296	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002862.D
 Acq On : 09 Jun 2020 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 10 05:08:13 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)

39) Methylcyclohexane	9.19	83	231168	46.595	ug/l	99
40) Benzene	8.16	78	536105	48.204	ug/l	98
41) Methacrylonitrile	7.35	41	136949	124.481	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	150340	48.234	ug/l	99
43) Isopropyl Acetate	8.28	43	186512	48.061	ug/l	100
44) Trichloroethene	8.94	130	167877	47.787	ug/l	100
45) 1,2-Dichloropropane	9.22	63	129830	48.679	ug/l	100
46) Dibromomethane	9.31	93	76815	48.496	ug/l	98
47) Bromodichloromethane	9.50	83	184869	49.508	ug/l	98
48) Methyl methacrylate	9.30	41	85477	48.792	ug/l	99
49) 1,4-Dioxane	9.30	88	21740	893.879	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	503554	245.047	ug/l	99
52) Toluene	10.25	92	351201	48.272	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	201125	49.313	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	224600	48.599	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	117204	48.332	ug/l	95
56) Ethyl methacrylate	10.51	69	159586	49.133	ug/l	99
57) 1,3-Dichloropropane	10.79	76	194225	48.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	393712	248.074	ug/l	99
59) 2-Hexanone	10.83	43	361261	247.775	ug/l	100
60) Dibromochloromethane	10.99	129	151657	49.329	ug/l	99
61) 1,2-Dibromoethane	11.09	107	116231	48.589	ug/l	99
64) Tetrachloroethene	10.72	164	172611	46.370	ug/l	98
65) Chlorobenzene	11.52	112	397006	49.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	154039	50.523	ug/l	99
67) Ethyl Benzene	11.60	91	683800	48.724	ug/l	98
68) m/p-Xylenes	11.70	106	533983	98.135	ug/l	100
69) o-Xylene	12.03	106	253909	49.430	ug/l	100
70) Styrene	12.05	104	439761	49.385	ug/l	99
71) Bromoform	12.21	173	103350	50.660	ug/l #	100
73) Isopropylbenzene	12.33	105	696347	49.802	ug/l	100
74) N-amyl acetate	12.14	43	175771	48.994	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	127650	52.033	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	183108	93.137	ug/l #	100
77) Bromobenzene	12.61	156	179021	49.171	ug/l	99
78) n-propylbenzene	12.67	91	809259	50.105	ug/l	100
79) 2-Chlorotoluene	12.76	91	446995	49.337	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	579810	49.664	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	51801	49.640	ug/l	98
82) 4-Chlorotoluene	12.86	91	472475	49.775	ug/l	100
83) tert-Butylbenzene	13.08	119	516801	49.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	582279	49.603	ug/l	100
85) sec-Butylbenzene	13.25	105	711621	49.977	ug/l	100
86) p-Isopropyltoluene	13.37	119	664968	50.189	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	338856	49.135	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	341577	49.513	ug/l	100
89) n-Butylbenzene	13.70	91	599488	49.837	ug/l	100
90) Hexachloroethane	13.96	117	123865	49.938	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	307622	49.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23238	49.234	ug/l	98

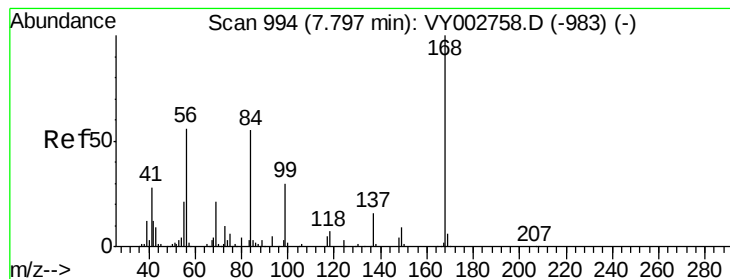
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
Data File : VY002862.D
Acq On : 09 Jun 2020 10:10
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 10 05:08:13 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.01	180	226858	48.122	ug/l	100
94) Hexachlorobutadiene	15.11	225	132454	49.538	ug/l	99
95) Naphthalene	15.23	128	450005	47.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	202653	48.139	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

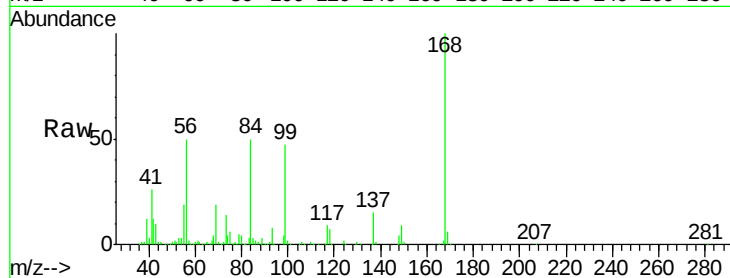
VSTDCCC050

Tot Ion:168 Resp: 304064

Ion Ratio Lower Upper

168 100

99 47.2 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) (-)

7.80

150000

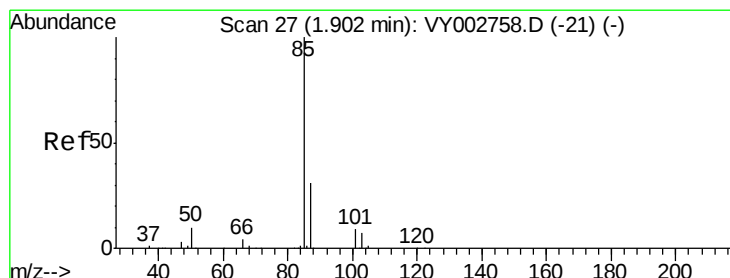
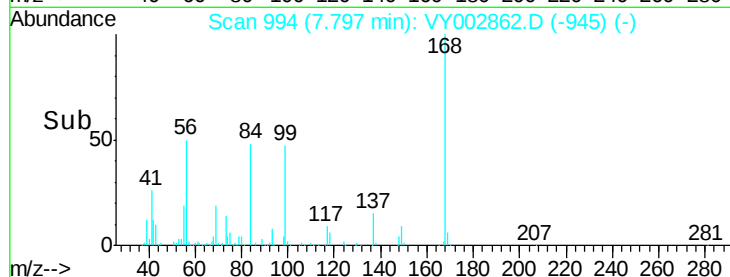
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.611 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002862.D

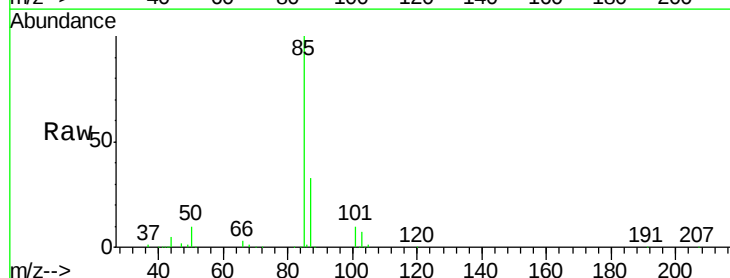
Acq: 09 Jun 2020 10:10

Tgt Ion: 85 Resp: 93335

Ion Ratio Lower Upper

85 100

87 33.0 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) (-)

1.91

80000

60000

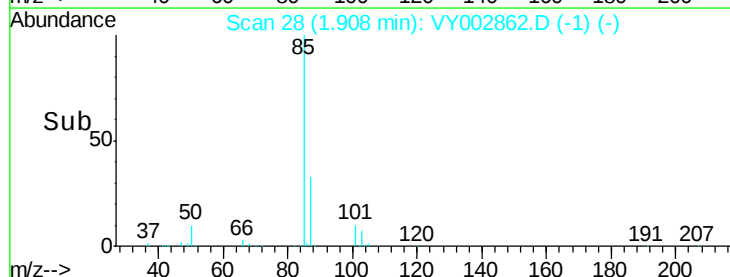
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.059 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

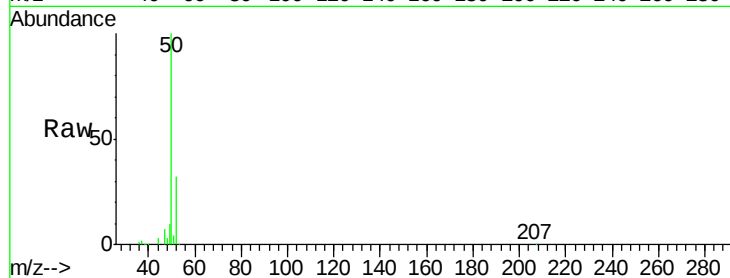
VSTDCCC050

Tot Ion: 50 Resp: 104274

Ion Ratio Lower Upper

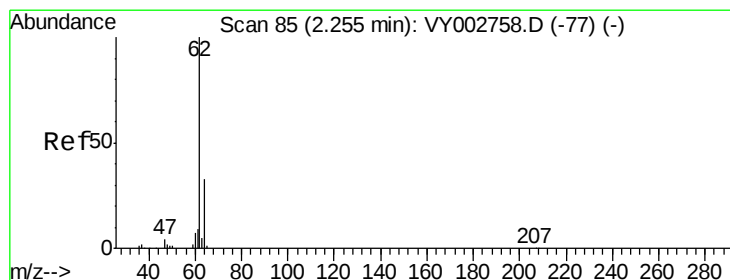
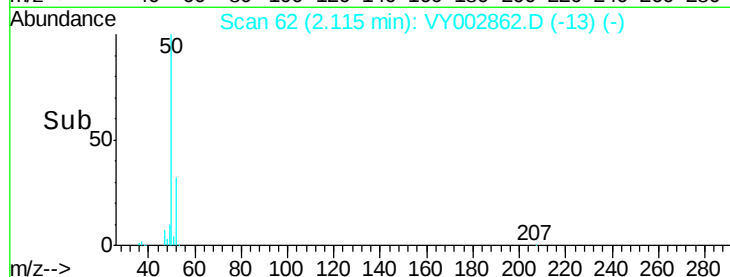
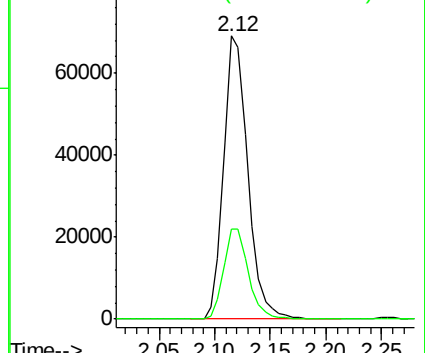
50 100

52 31.8 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: 48.791 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002862.D

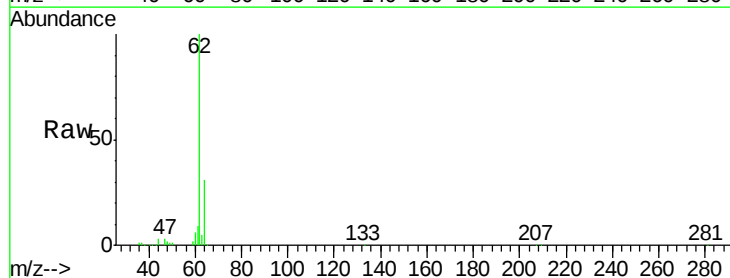
Acq: 09 Jun 2020 10:10

Tgt Ion: 62 Resp: 119345

Ion Ratio Lower Upper

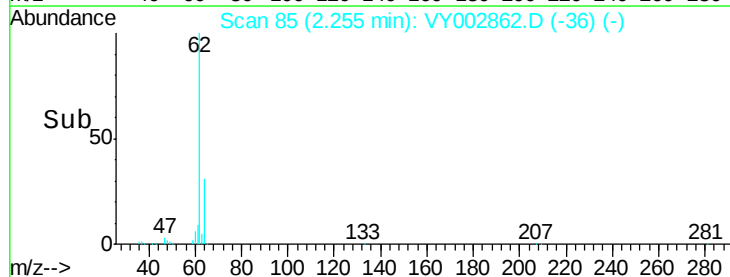
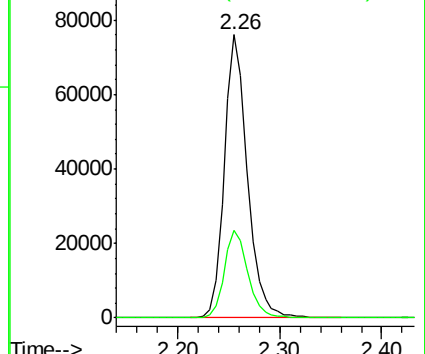
62 100

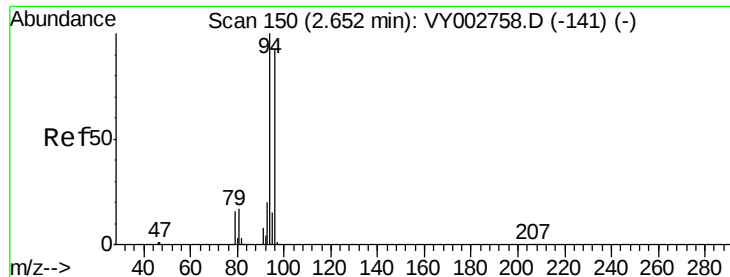
64 30.7 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 45.153 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

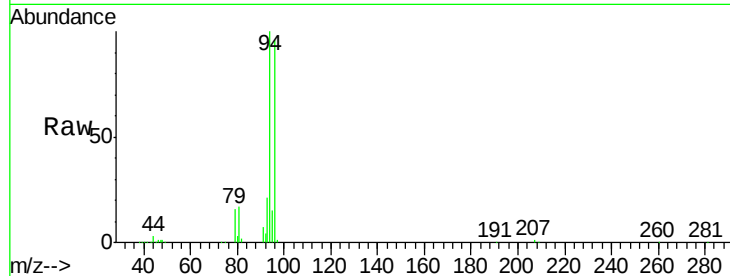
VSTDCCC050

Tot Ion: 94 Resp: 82767

Ion Ratio Lower Upper

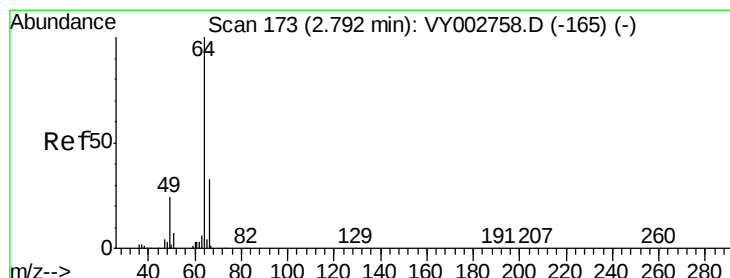
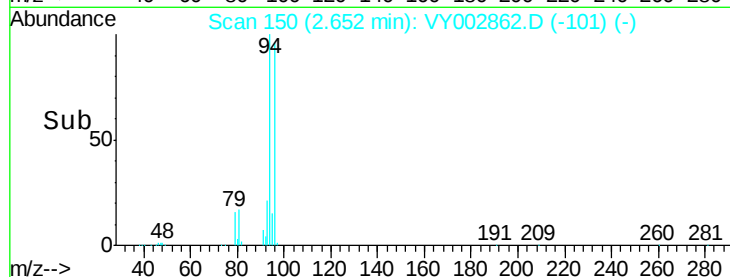
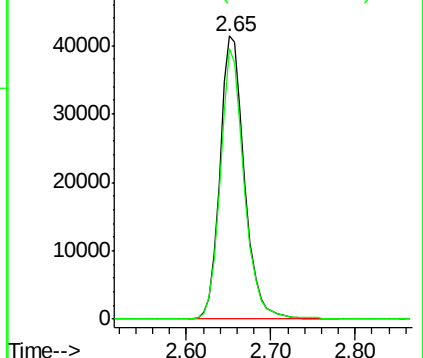
94 100

96 95.7 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: 46.130 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002862.D

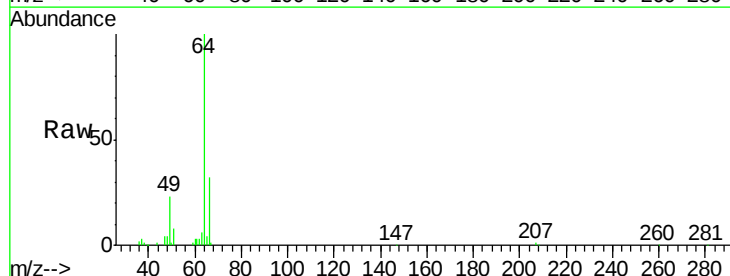
Acq: 09 Jun 2020 10:10

Tgt Ion: 64 Resp: 73146

Ion Ratio Lower Upper

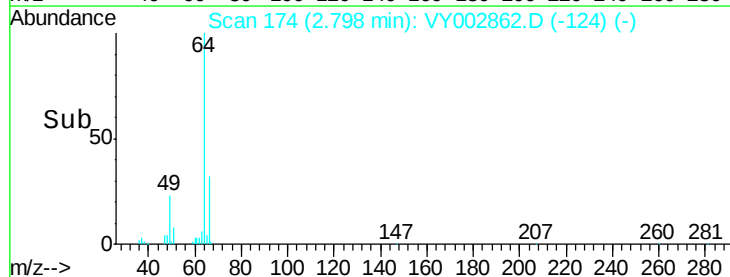
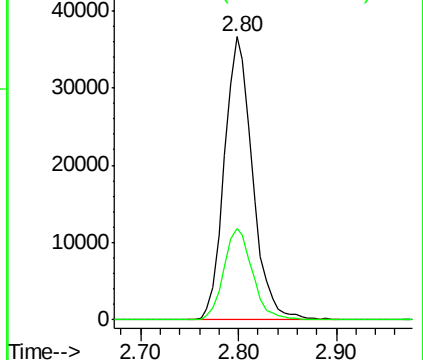
64 100

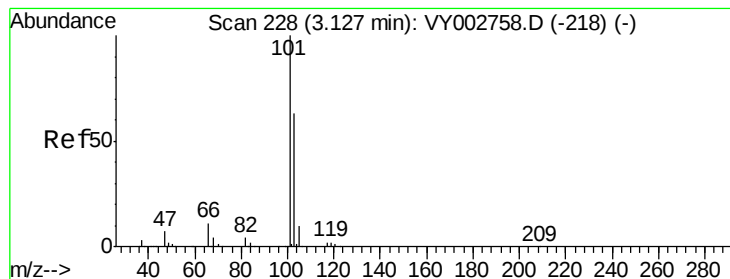
66 32.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



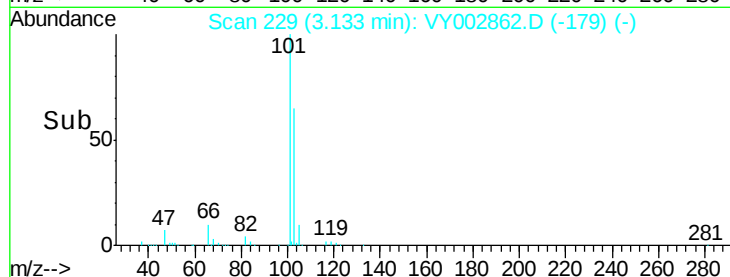
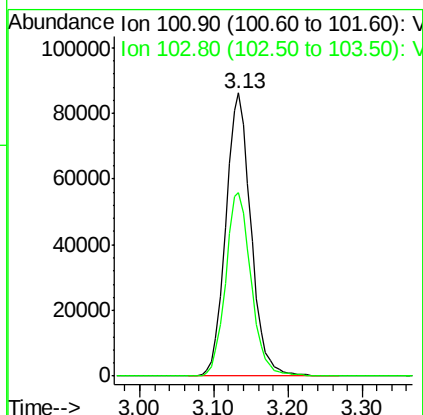
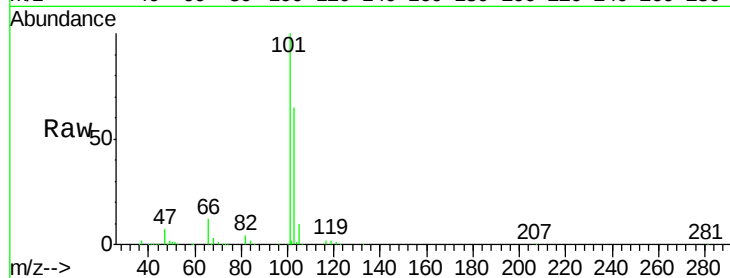


#7

Trichlorofluoromethane
Concen: 47.011 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

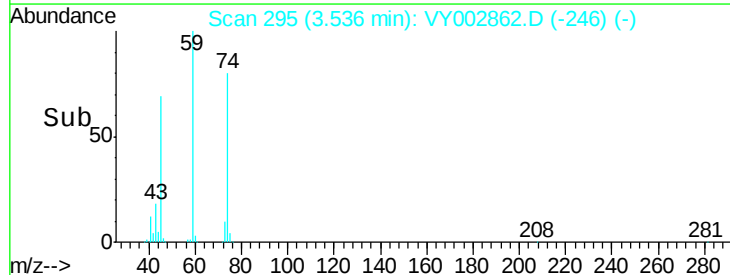
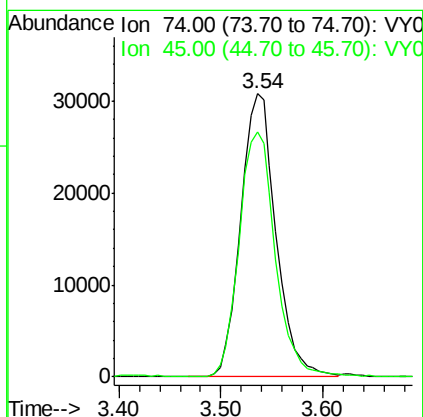
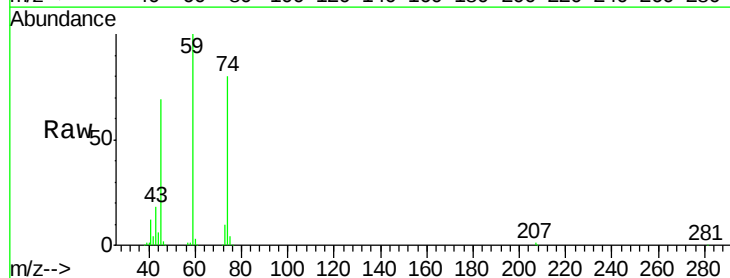
Tot Ion:101 Resp: 203658
Ion Ratio Lower Upper
101 100
103 65.0 50.6 76.0

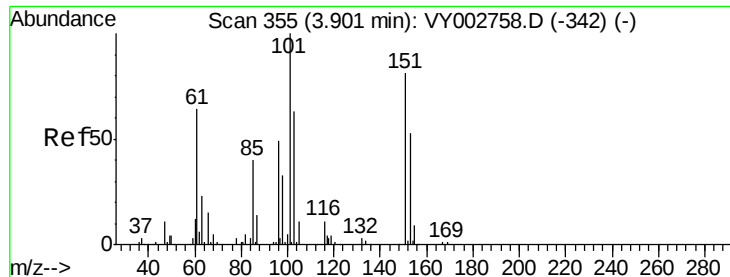


#8

Diethyl Ether
Concen: 43.683 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion: 74 Resp: 73892
Ion Ratio Lower Upper
74 100
45 89.1 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.797 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

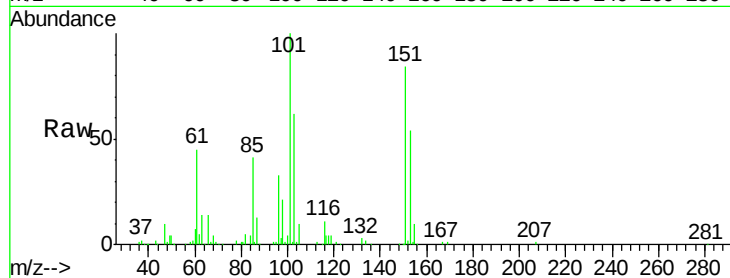
Tot Ion:101 Resp: 125514

Ion Ratio Lower Upper

101 100

85 41.6 32.7 49.1

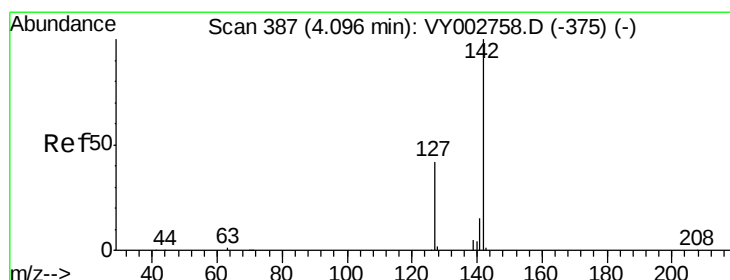
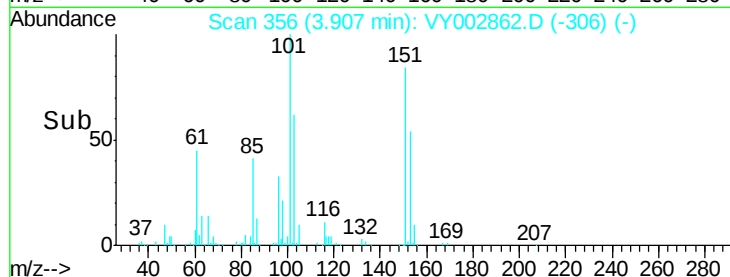
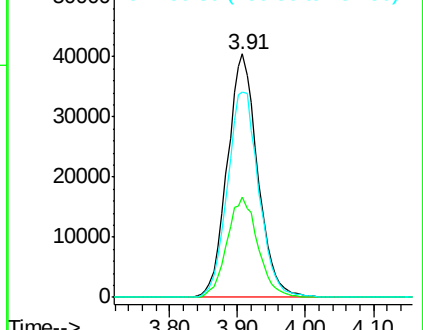
151 87.4 68.0 102.0



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: 47.449 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

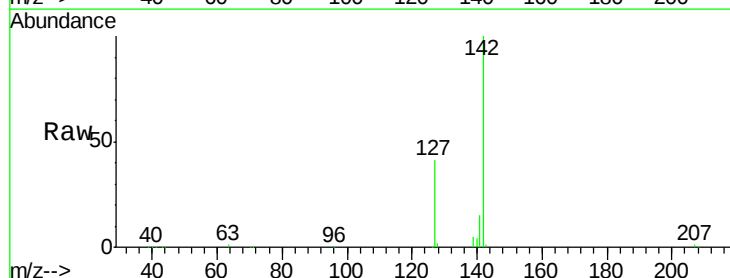
Tgt Ion:142 Resp: 170773

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

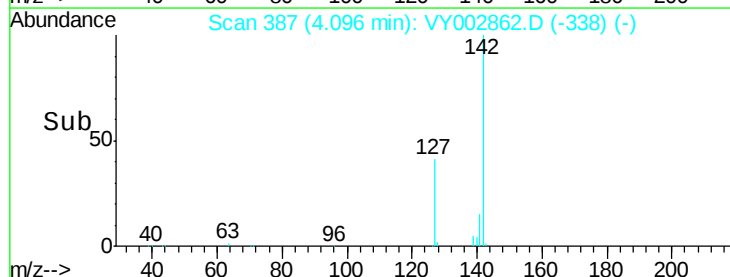
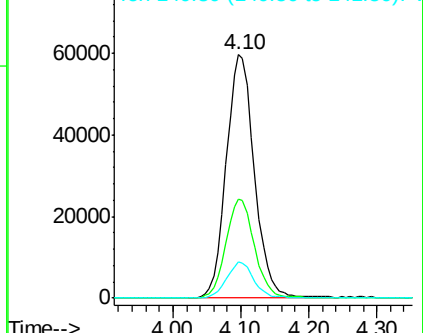
141 14.4 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



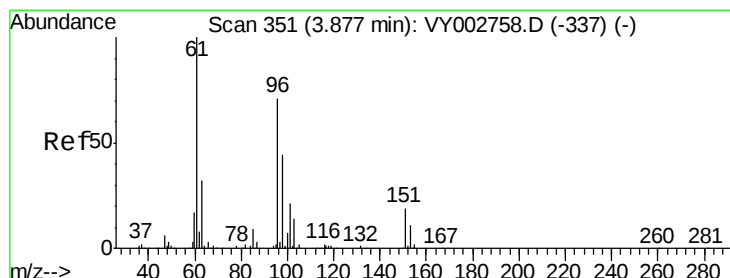
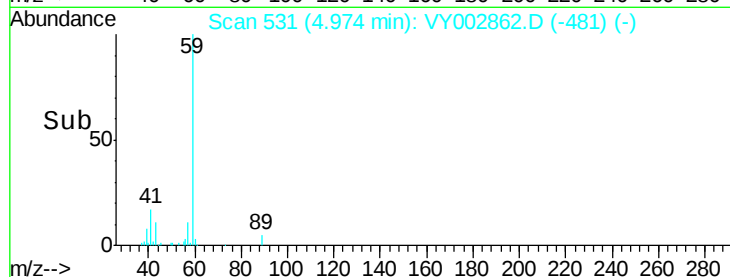
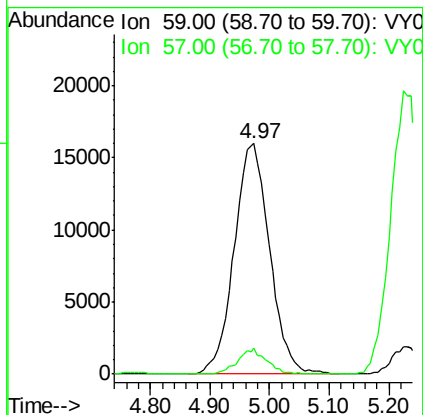
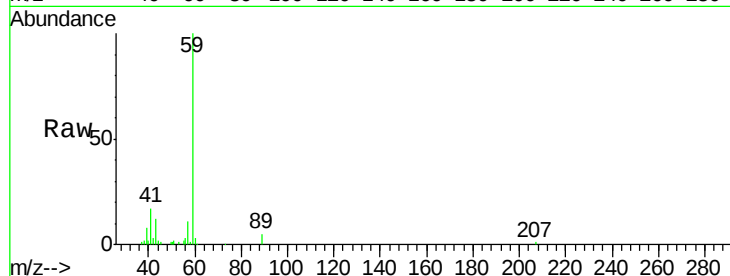


#11

Tert butyl alcohol
Concen: 232.495 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

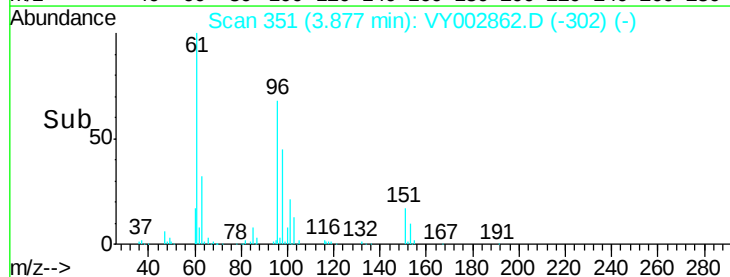
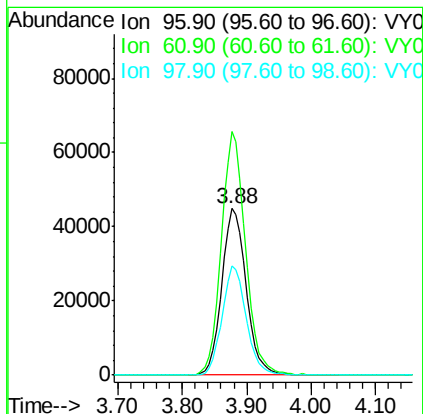
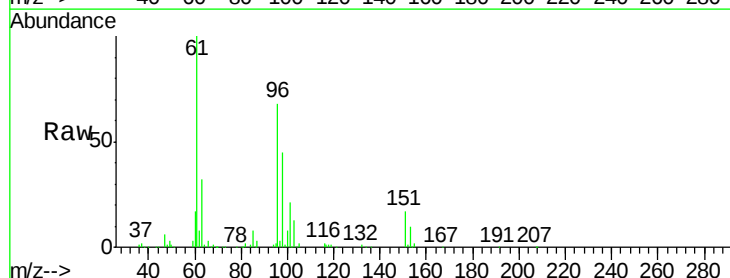
Tot Ion: 59 Resp: 66226
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5

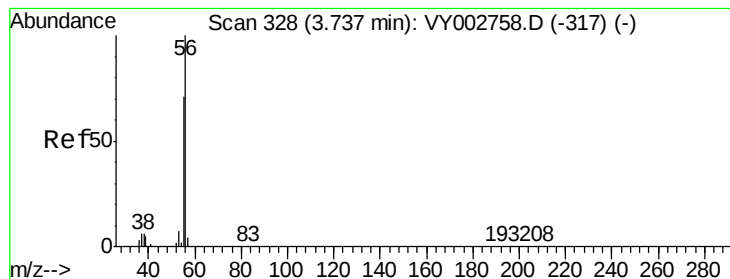


#12

1,1-Dichloroethene
Concen: 46.707 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion: 96 Resp: 120819
Ion Ratio Lower Upper
96 100
61 146.0 112.6 168.8
98 65.3 50.0 75.0





#13

Acrolein

Concen: 225.930 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

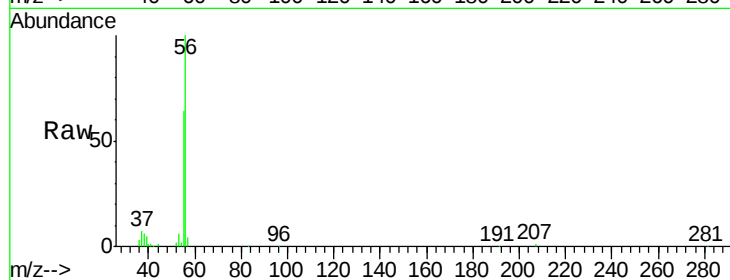
VSTDCCC050

Tot Ion: 56 Resp: 69901

Ion Ratio Lower Upper

56 100

55 67.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

30000

25000

20000

15000

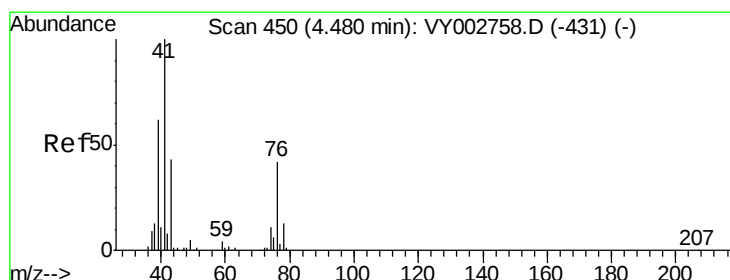
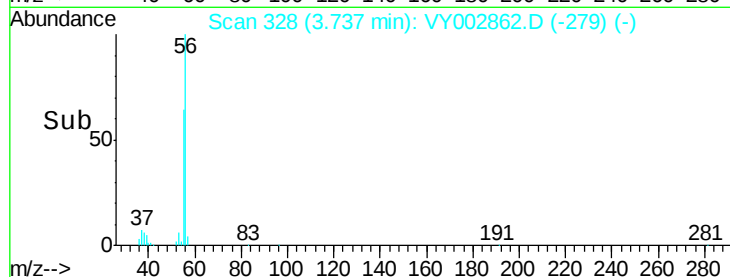
10000

5000

0

3.60 3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 48.395 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

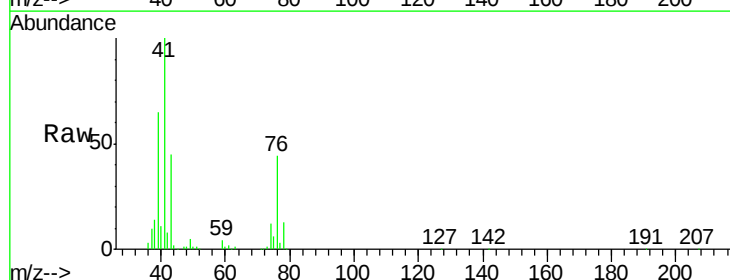
Tgt Ion: 41 Resp: 179543

Ion Ratio Lower Upper

41 100

39 62.5 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

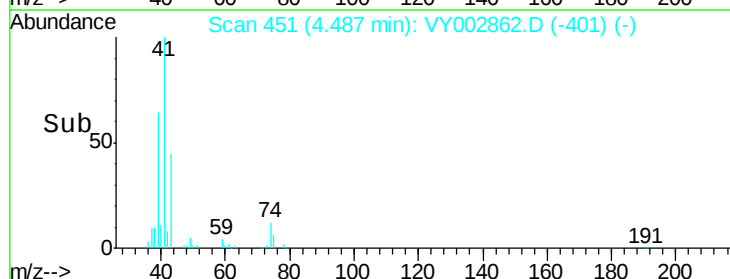
40000

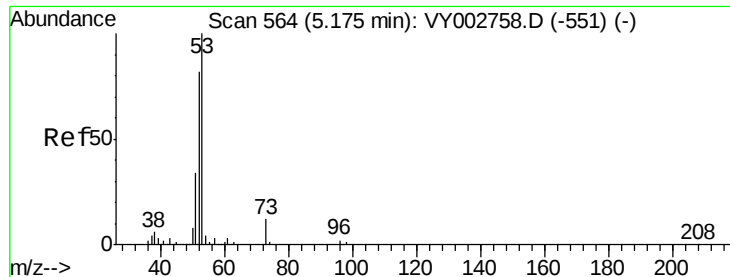
20000

0

4.40 4.49 4.58

Time-->





#15

Acrylonitrile

Concen: 240.003 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

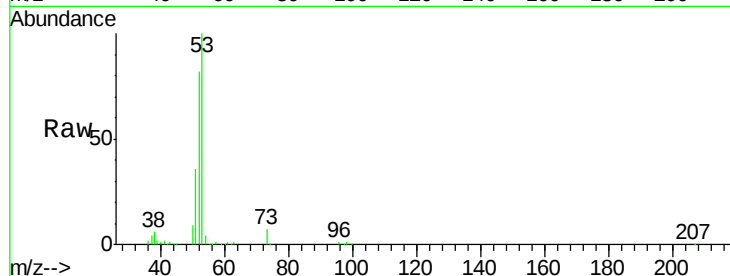
Tot Ion: 53 Resp: 183152

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

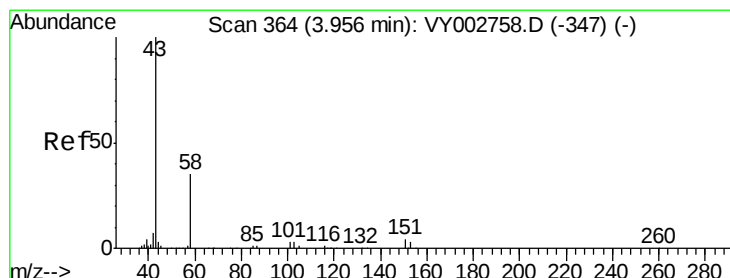
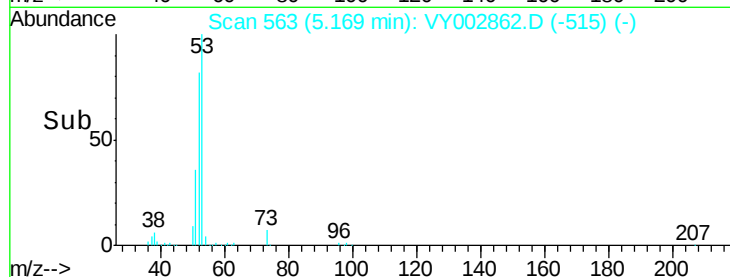
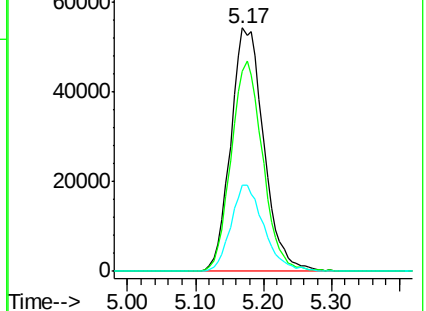
51 35.6 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 288.684 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002862.D

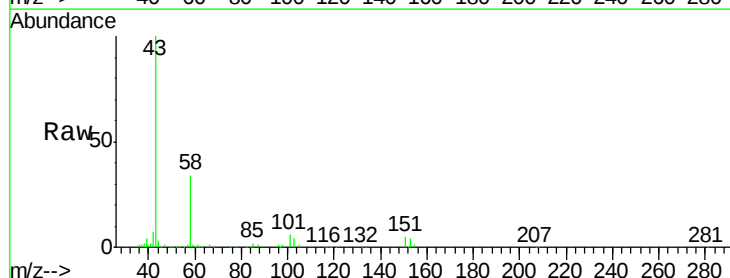
Acq: 09 Jun 2020 10:10

Tgt Ion: 43 Resp: 178717

Ion Ratio Lower Upper

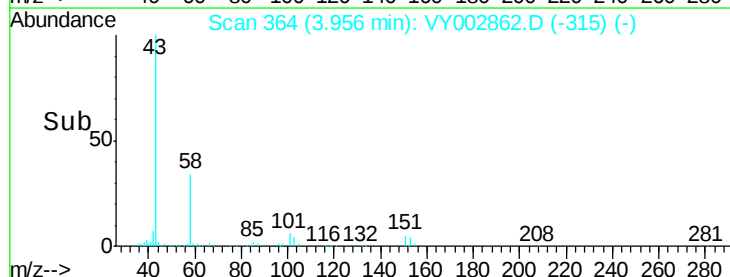
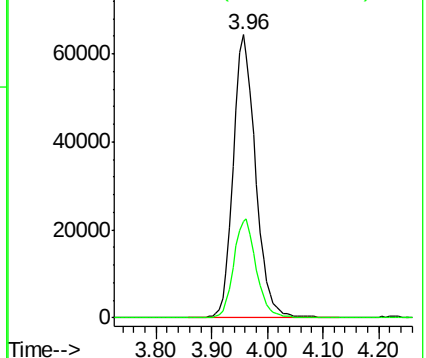
43 100

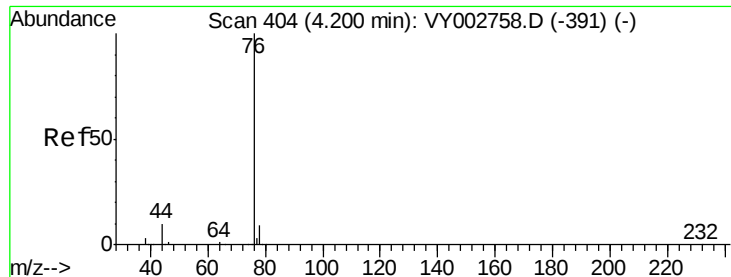
58 34.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 43.297 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

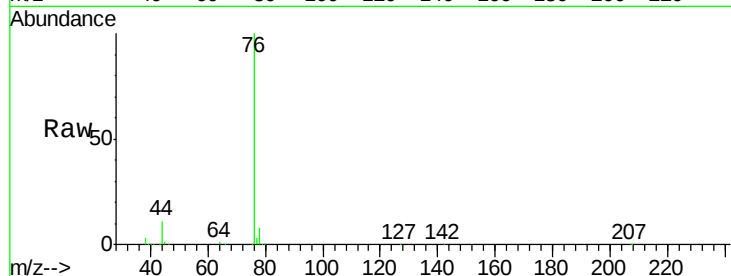
VSTDCCC050

Tot Ion: 76 Resp: 338436

Ion Ratio Lower Upper

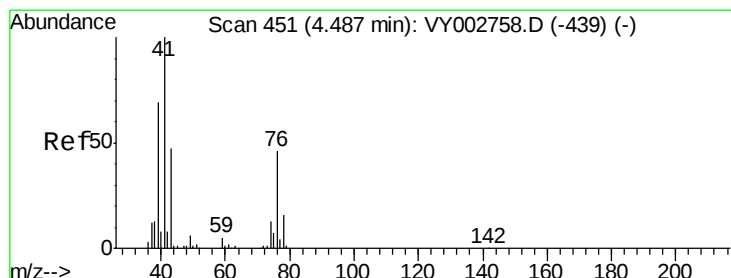
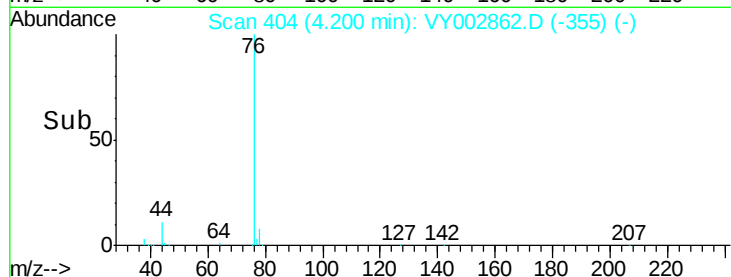
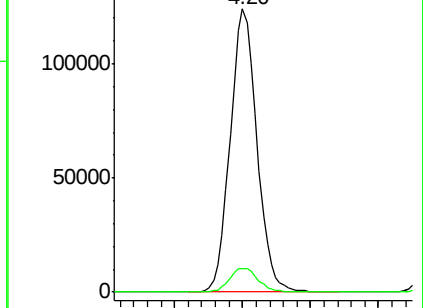
76 100

78 8.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 49.100 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002862.D

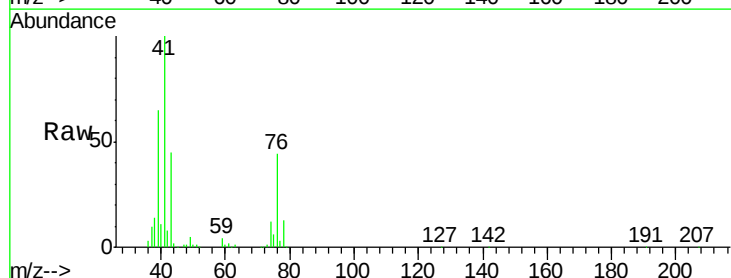
Acq: 09 Jun 2020 10:10

Tgt Ion: 43 Resp: 76300

Ion Ratio Lower Upper

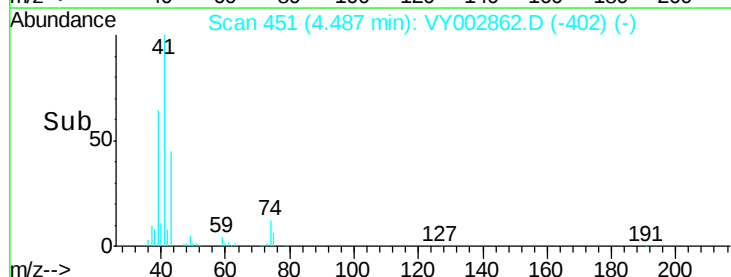
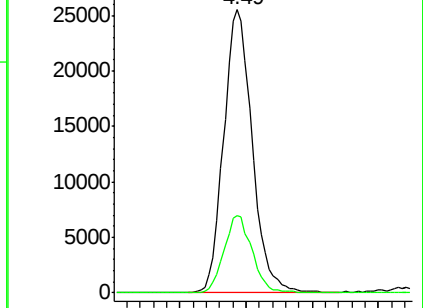
43 100

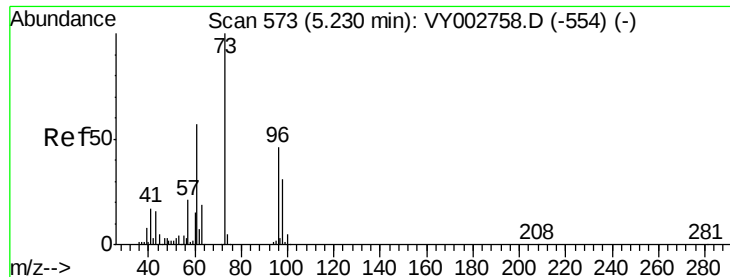
74 26.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

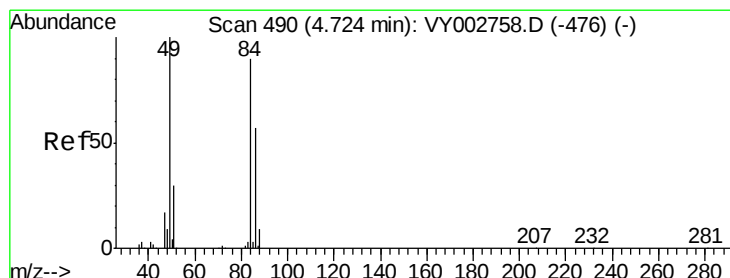
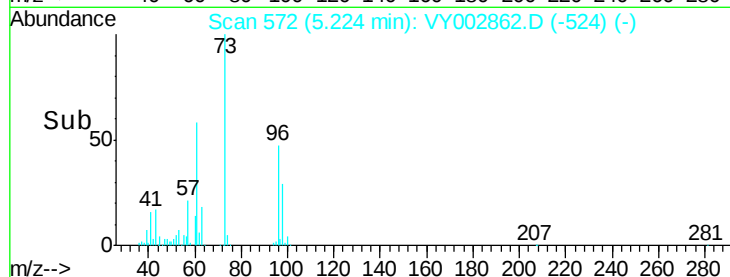
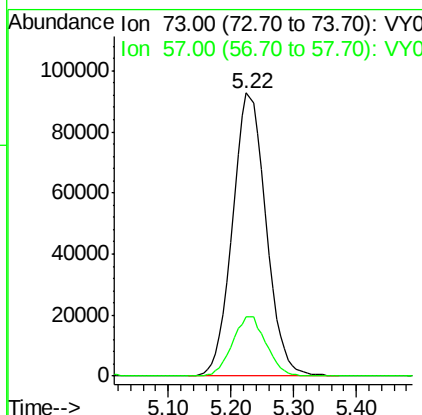
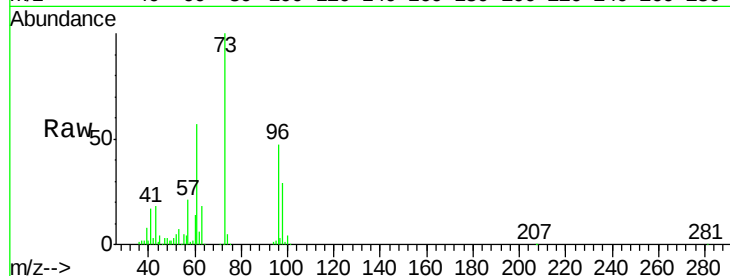




#19
Methvl tert-butvl Ether
Concen: 48.125 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

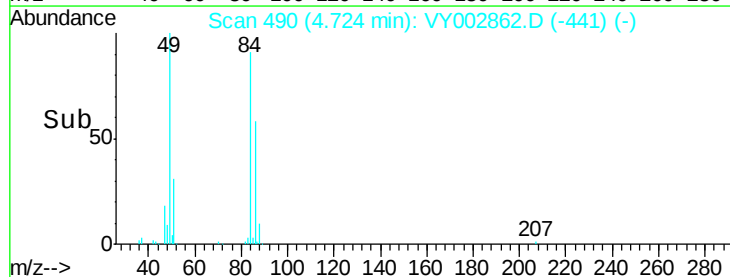
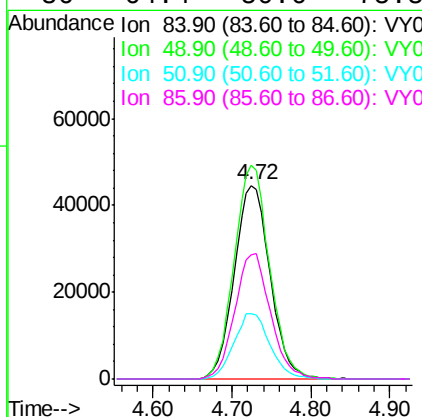
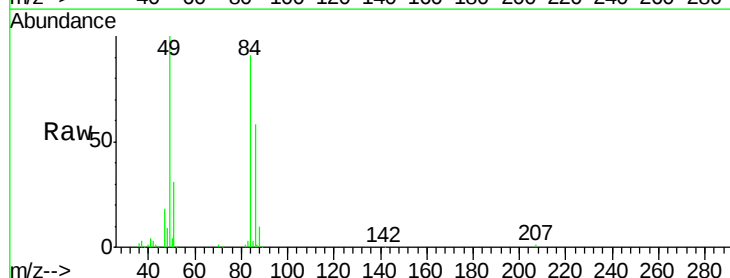
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

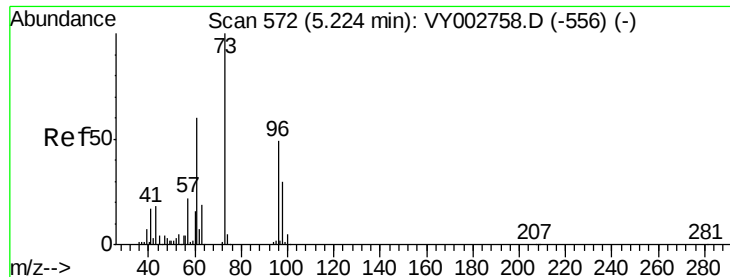
Tot Ion: 73 Resp: 343665
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 46.561 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion: 84 Resp: 140866
Ion Ratio Lower Upper
84 100
49 110.2 88.5 132.7
51 33.9 26.8 40.2
86 64.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 46.889 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

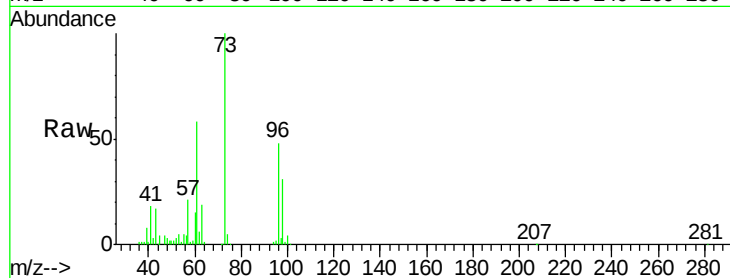
Tot Ion: 96 Resp: 136401

Ion Ratio Lower Upper

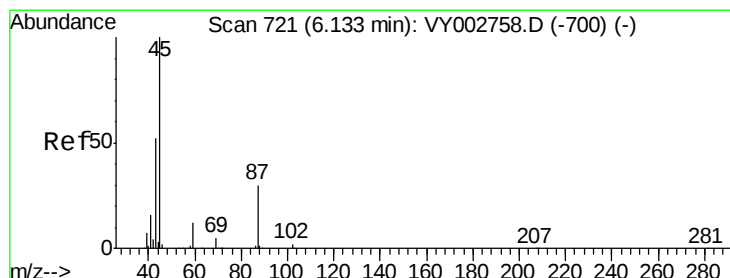
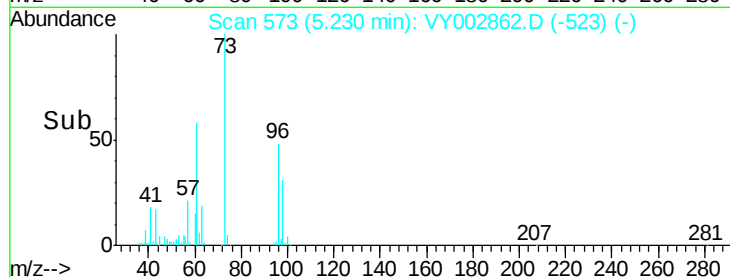
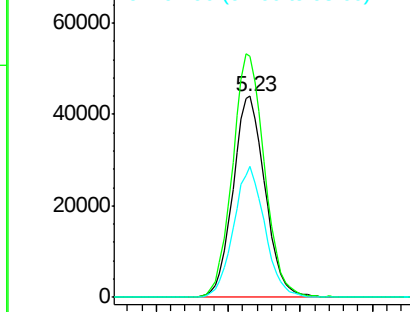
96 100

61 119.7 96.8 145.2

98 65.1 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: 48.646 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Tgt Ion: 45 Resp: 375033

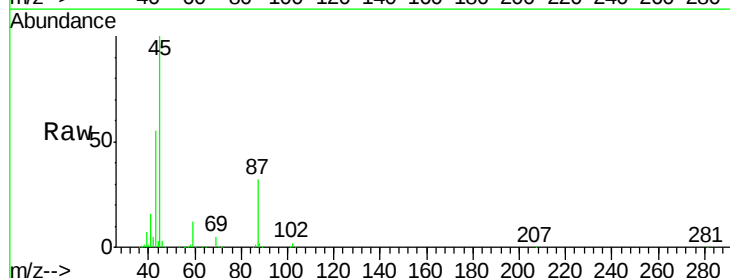
Ion Ratio Lower Upper

45 100

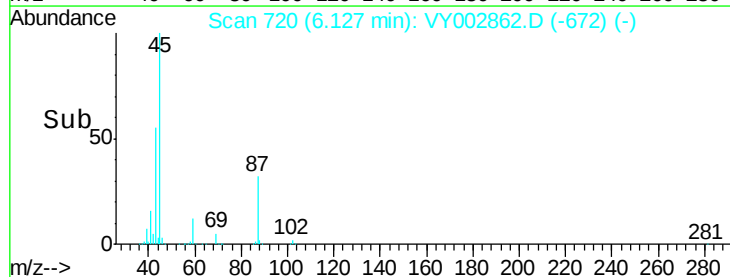
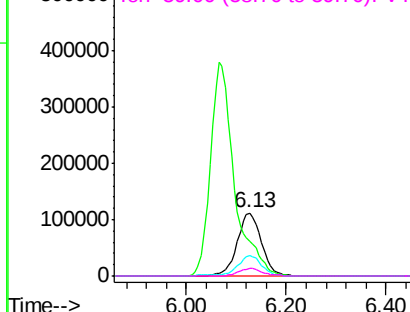
43 55.0 41.7 62.5

87 32.0 24.2 36.2

59 12.1 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 247.220 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

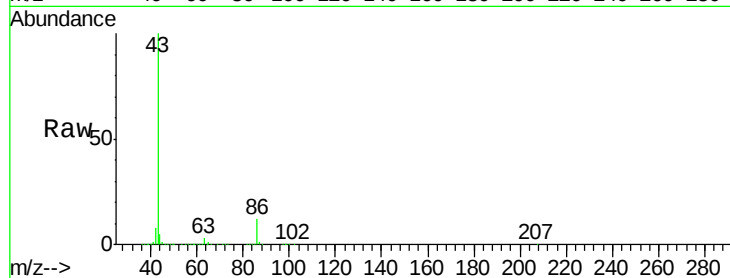
VSTDCCC050

Tot Ion: 43 Resp: 1258345

Ion Ratio Lower Upper

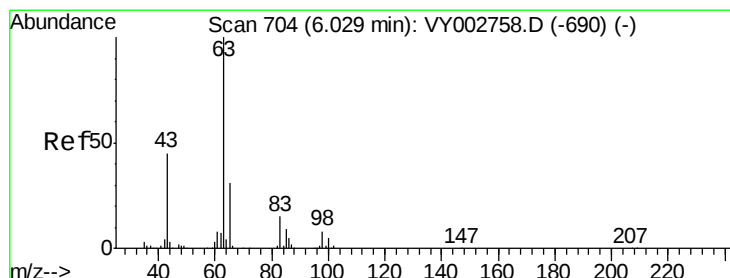
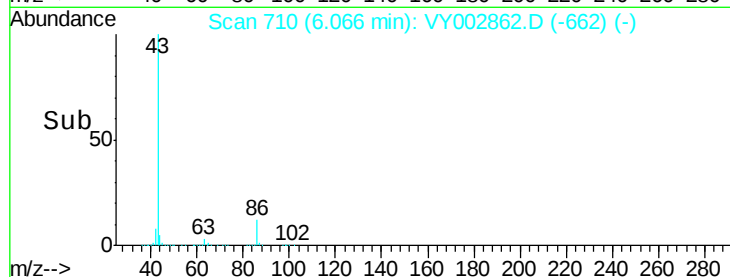
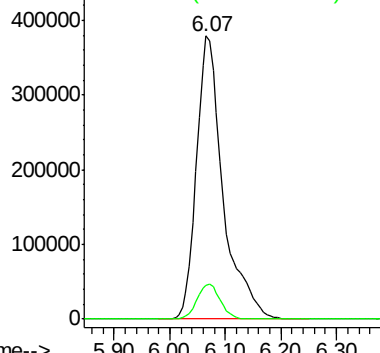
43 100

86 11.8 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.492 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

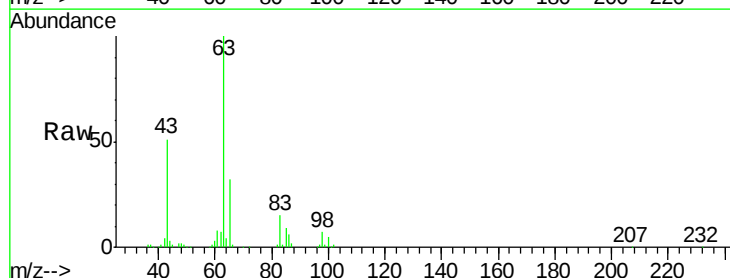
Tgt Ion: 63 Resp: 218693

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

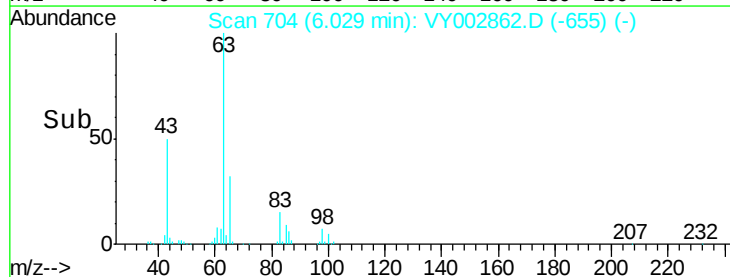
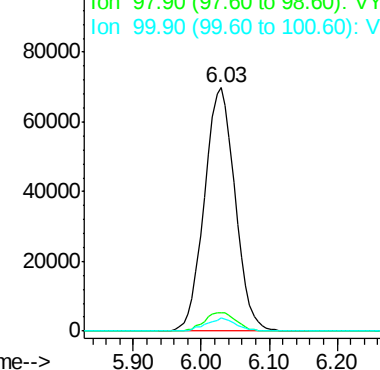
100 5.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

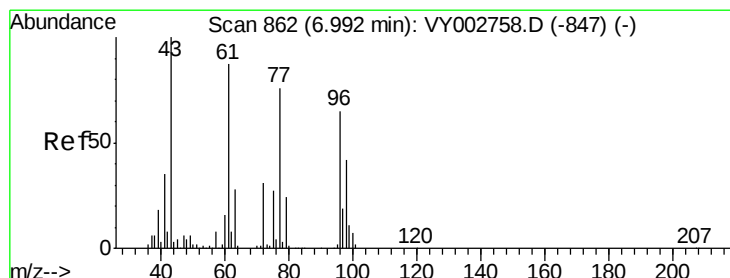
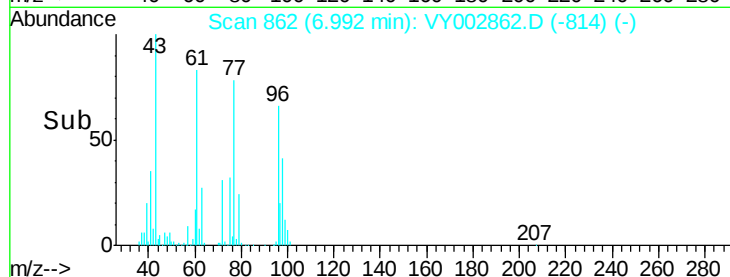
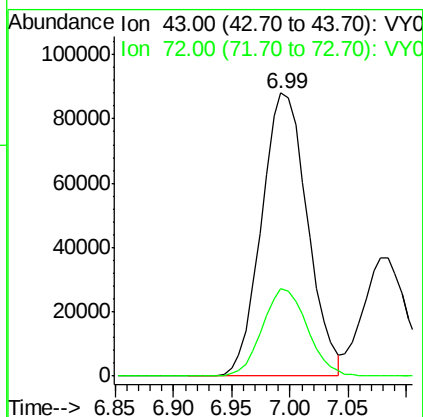
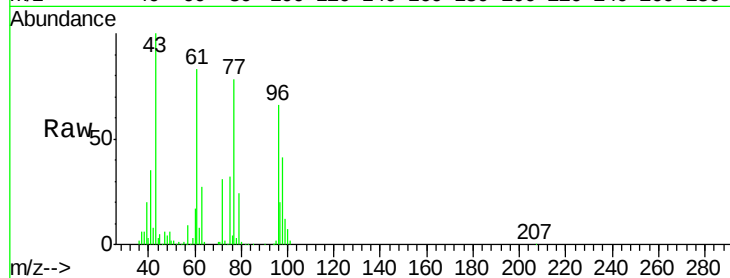




#25
2-Butanone
Concen: 249.002 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

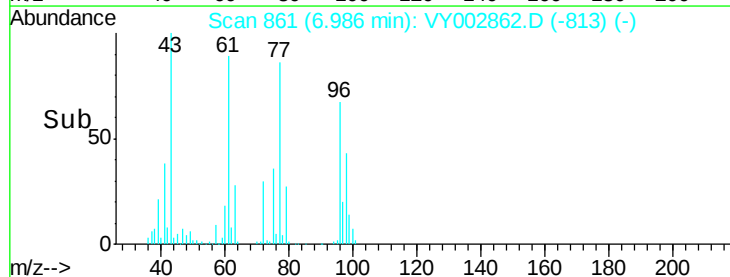
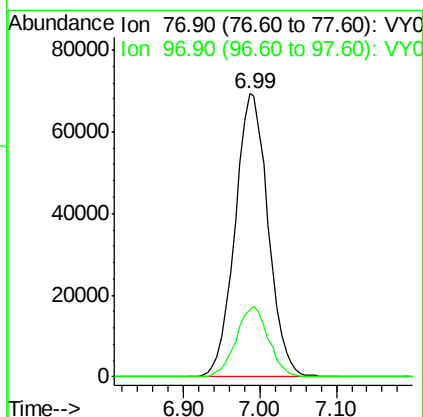
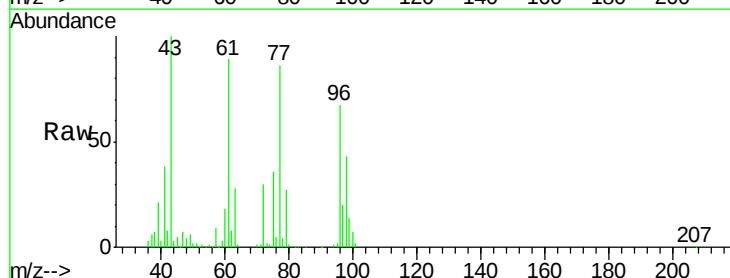
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 240167
Ion Ratio Lower Upper
43 100
72 31.0 23.9 35.9



#26
2,2-Dichloropropane
Concen: 48.078 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion: 77 Resp: 207949
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6



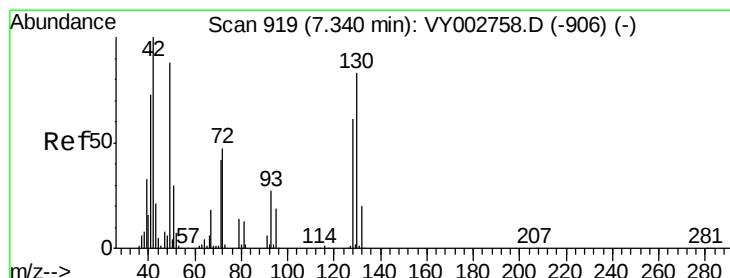
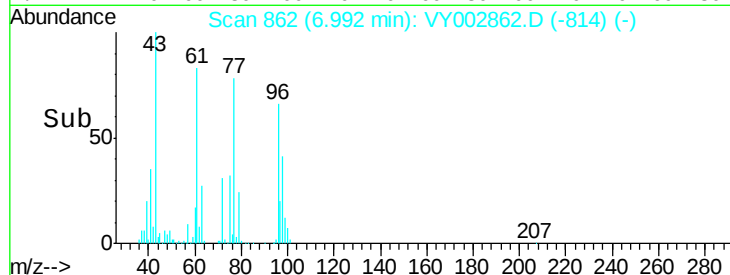
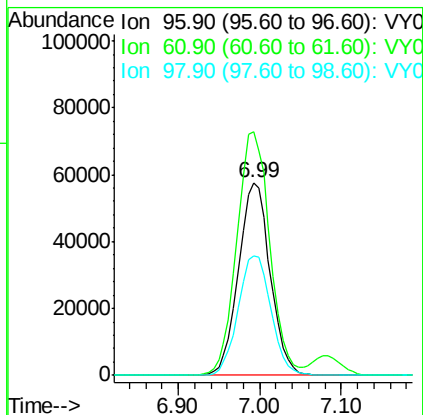
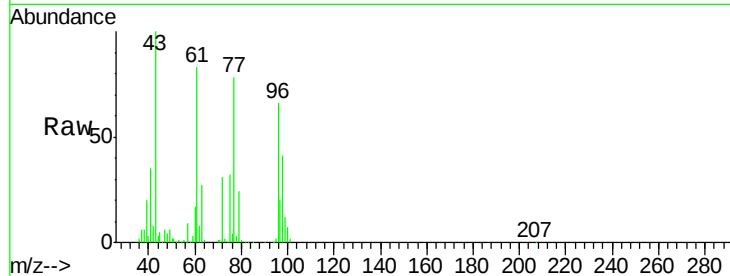


#27

cis-1,2-Dichloroethene
 Concen: 47.663 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

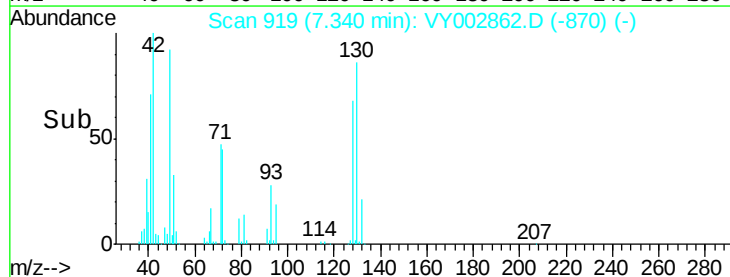
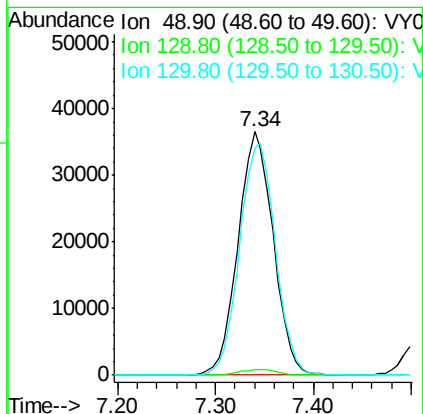
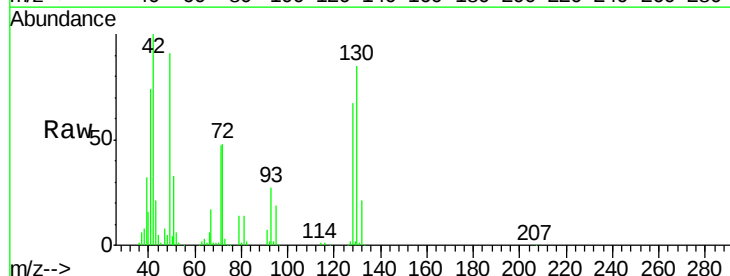
Tot Ion	96	Resp	155217
Ion Ratio	Lower	Upper	
96	100		
61	131.4	0.0	260.2
98	64.5	0.0	128.2

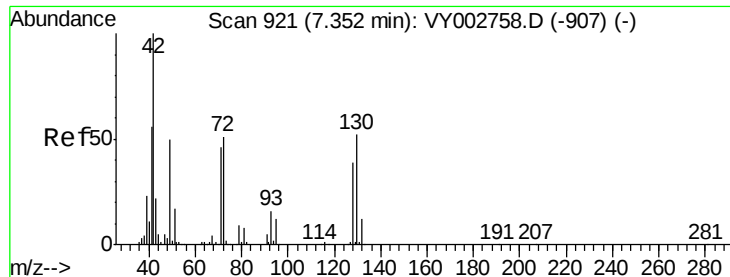


#28

Bromochloromethane
 Concen: 49.210 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion	49	Resp	91105
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	5.2
130	97.0	77.1	115.7





#29

Tetrahydrofuran

Concen: 234.562 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

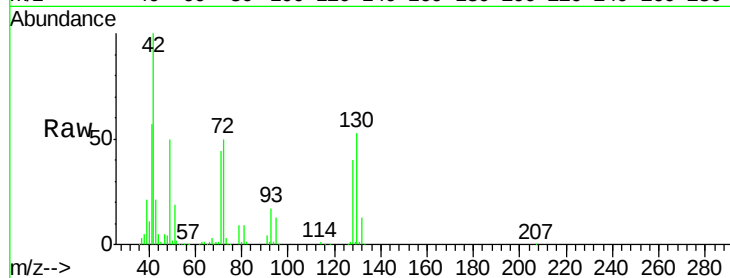
Tot Ion: 42 Resp: 147160

Ion Ratio Lower Upper

42 100

72 49.2 38.6 58.0

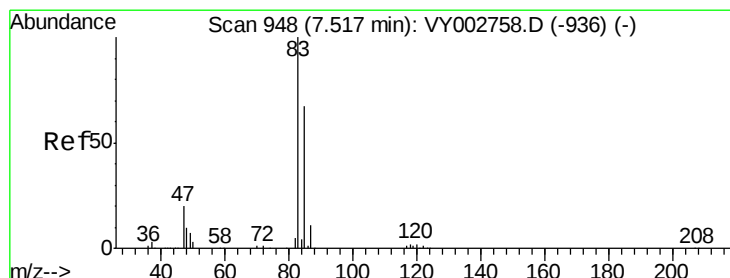
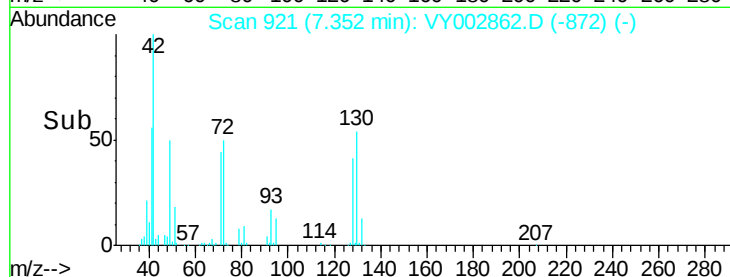
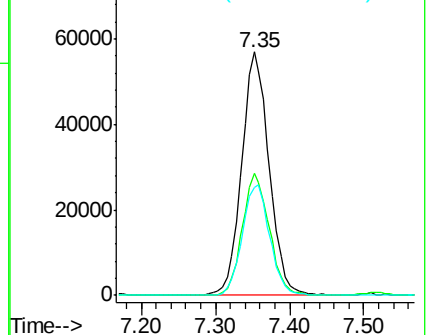
71 45.6 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY002862.D (-872) (-)

Ion 72.00 (71.70 to 72.70): VY002862.D (-872) (-)

Ion 71.00 (70.70 to 71.70): VY002862.D (-872) (-)



#30

Chloroform

Concen: 49.125 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002862.D

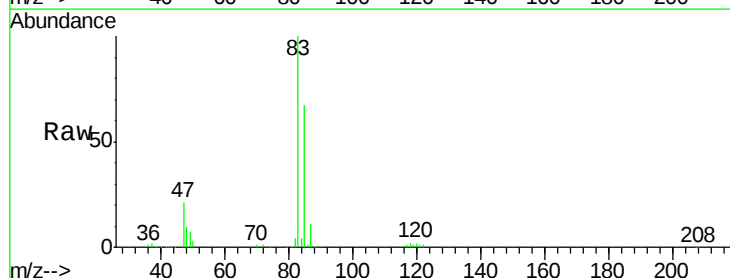
Acq: 09 Jun 2020 10:10

Tgt Ion: 83 Resp: 235094

Ion Ratio Lower Upper

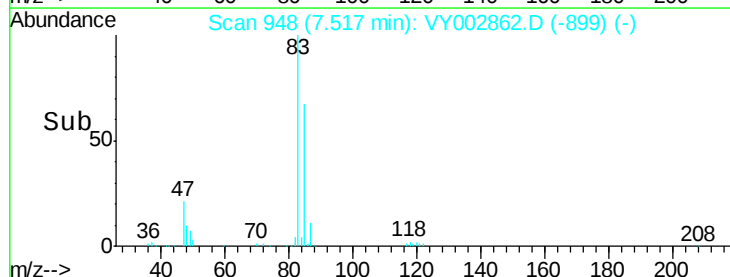
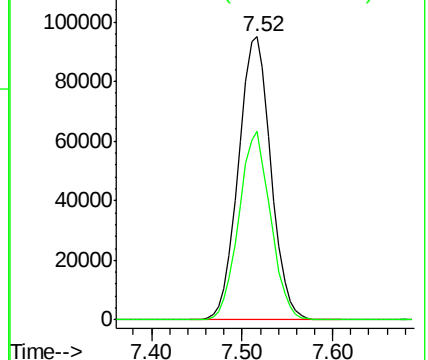
83 100

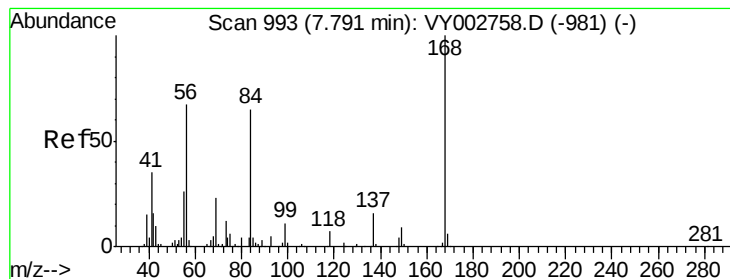
85 66.7 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY002862.D (-899) (-)

Ion 84.90 (84.60 to 85.60): VY002862.D (-899) (-)





#31

Cyclohexane

Concen: 44.289 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

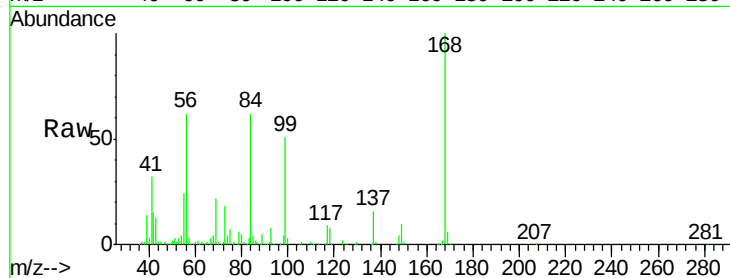
Tot Ion: 56 Resp: 198311

Ion Ratio Lower Upper

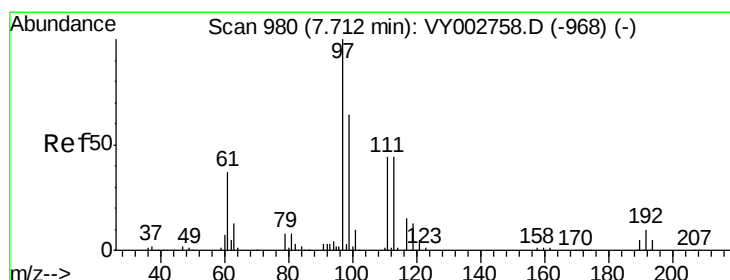
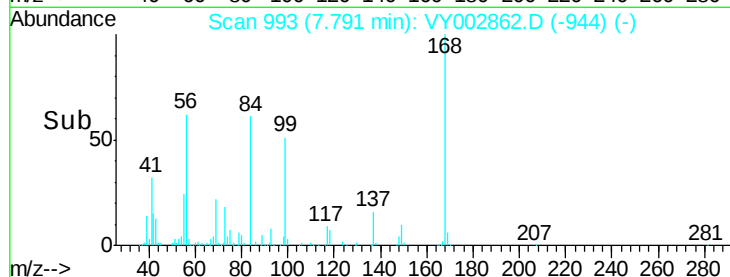
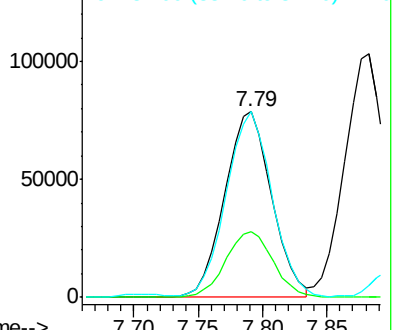
56 100

69 35.5 28.0 42.0

84 98.6 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: 47.986 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

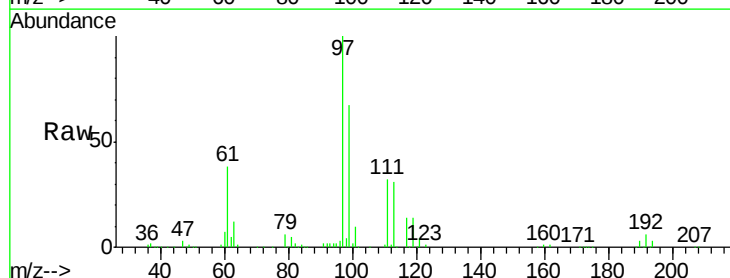
Tgt Ion: 97 Resp: 213995

Ion Ratio Lower Upper

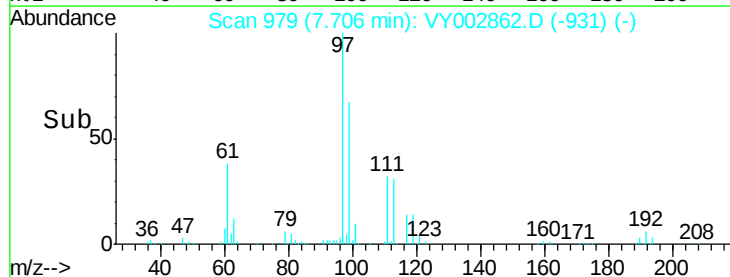
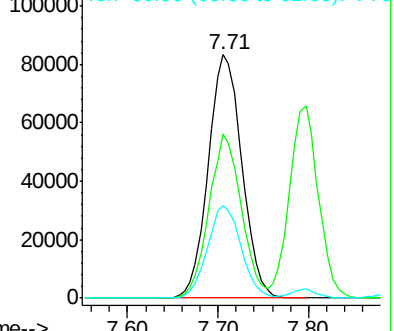
97 100

99 65.1 51.4 77.0

61 38.1 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

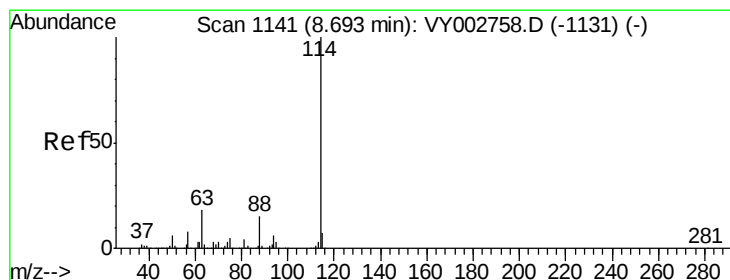
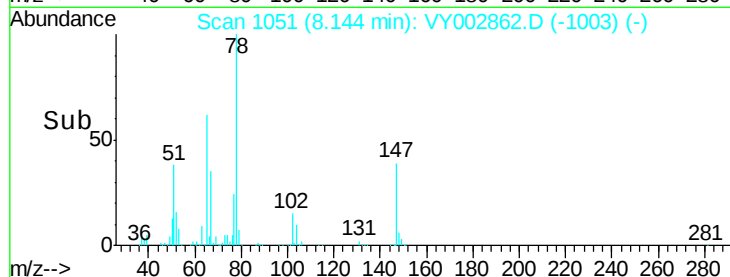
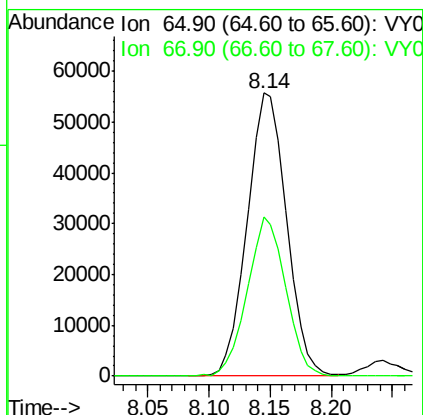
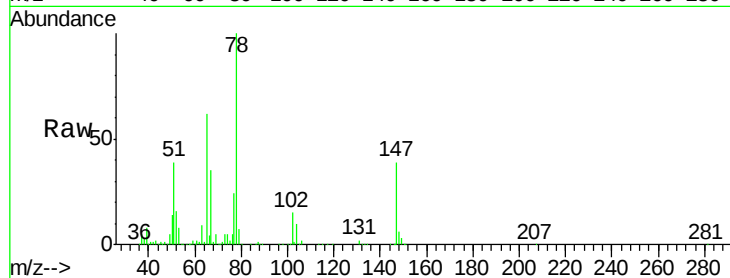




#33
 1,2-Dichloroethane-d4
 Concen: 47.289 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

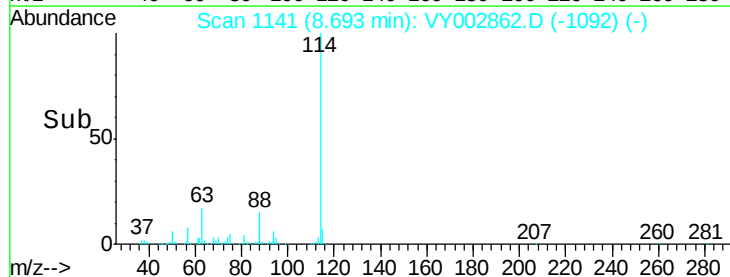
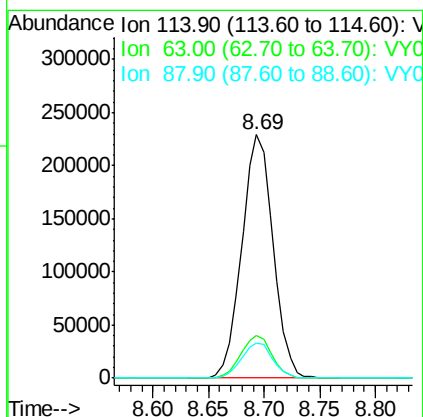
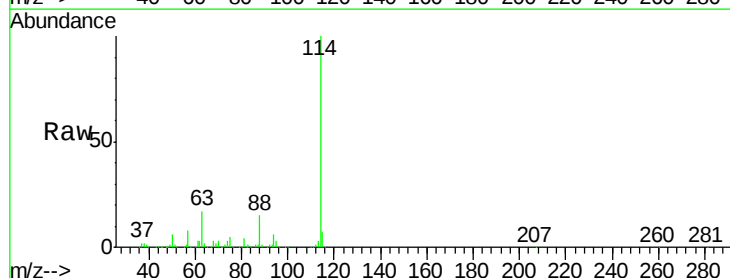
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 124848
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion: 114 Resp: 446822
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.6 0.0 29.2

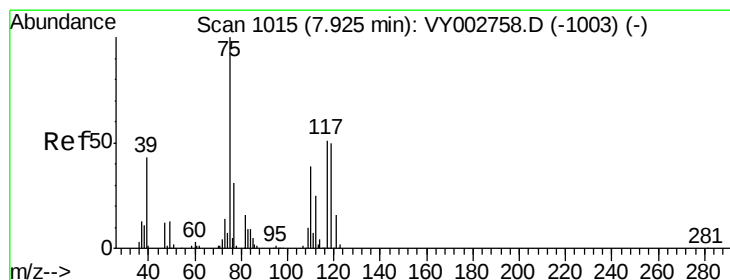
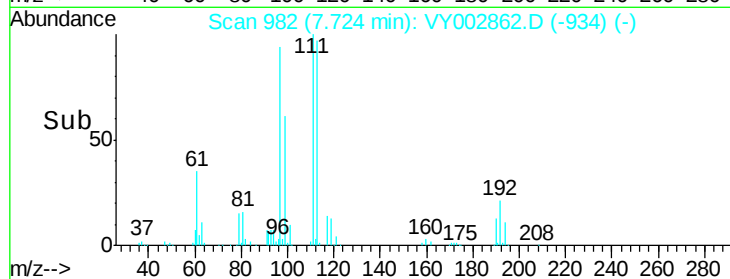
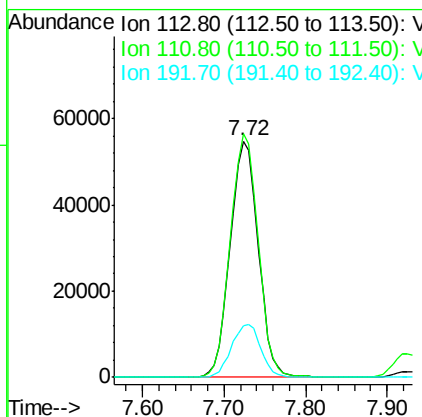
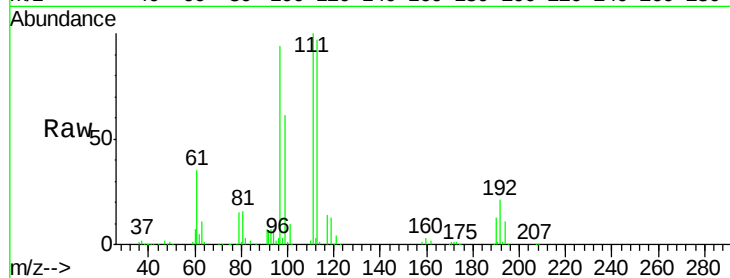




#35
 Dibromofluoromethane
 Concen: 49.537 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

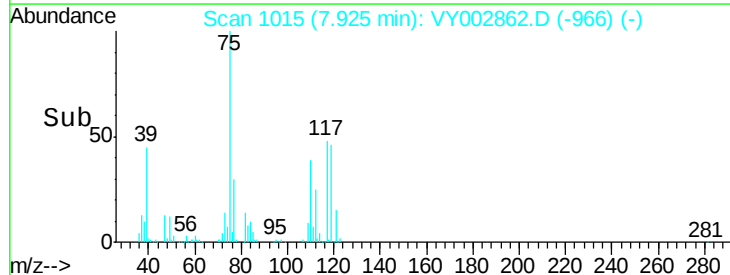
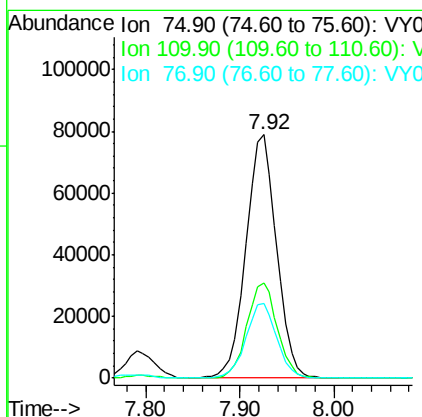
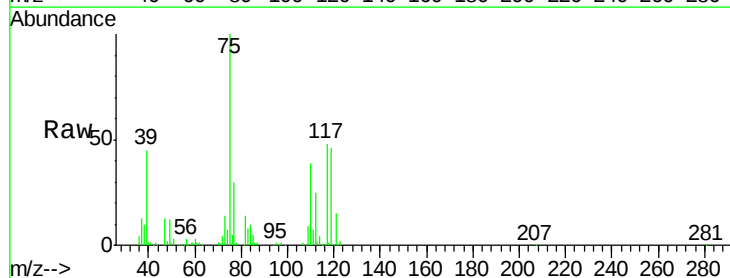
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

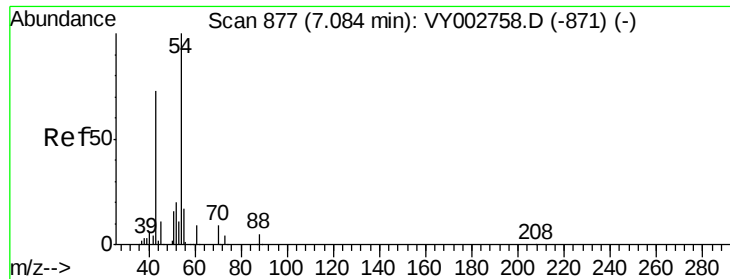
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 47.837 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.3	57.9
77	30.8	24.8	37.2

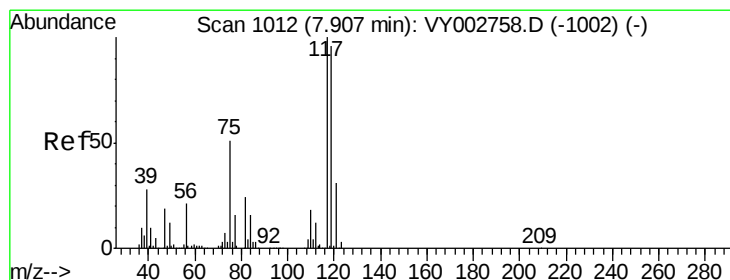
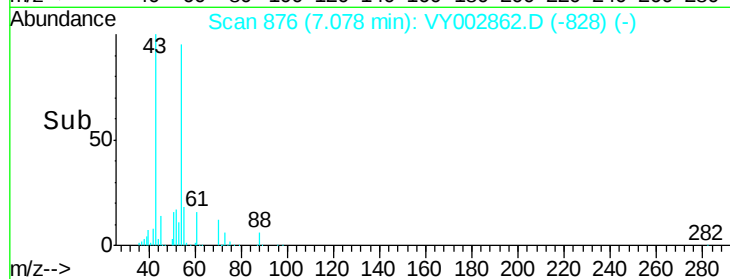
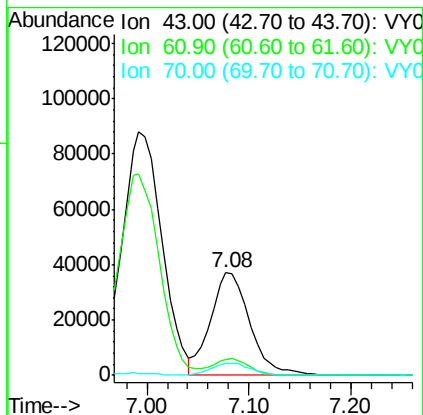
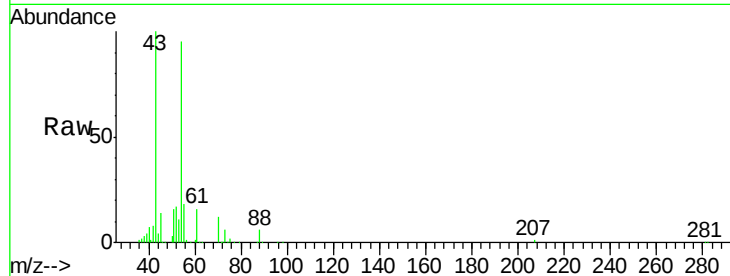




#37
Ethyl Acetate
Concen: 48.373 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

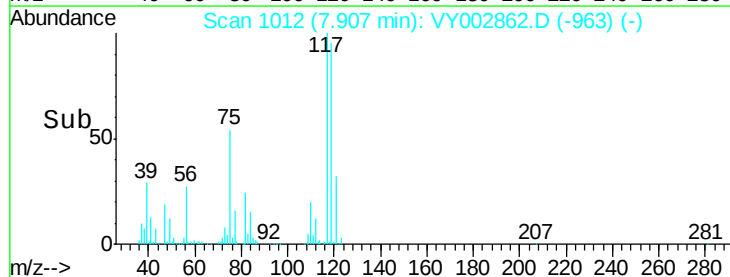
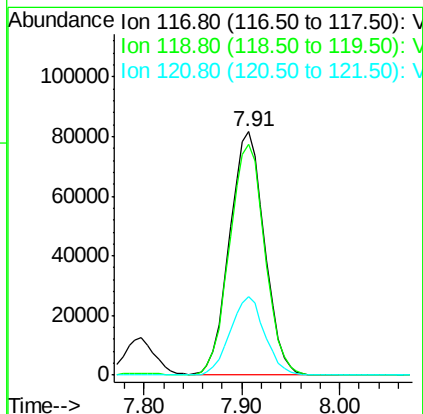
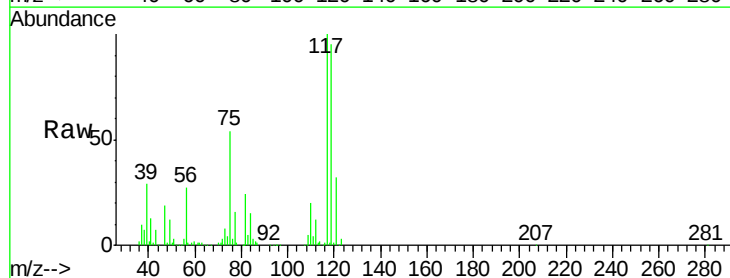
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

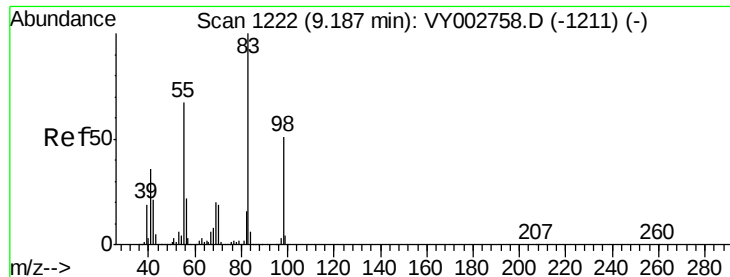
Tot Ion: 43 Resp: 99062
Ion Ratio Lower Upper
43 100
61 14.8 11.9 17.9
70 12.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 48.296 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion: 117 Resp: 201940
Ion Ratio Lower Upper
117 100
119 94.7 76.8 115.2
121 32.4 24.8 37.2

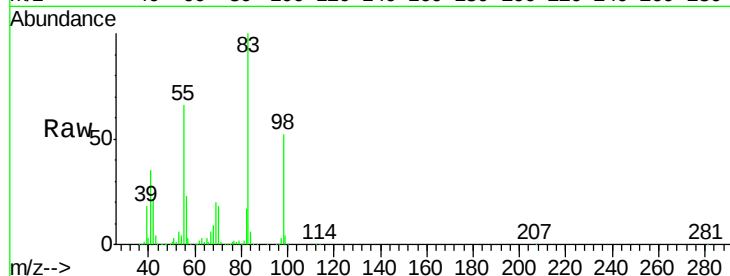




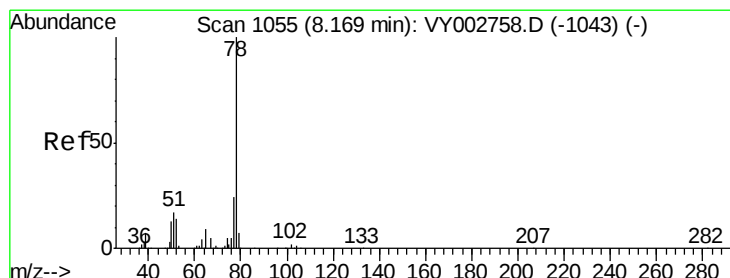
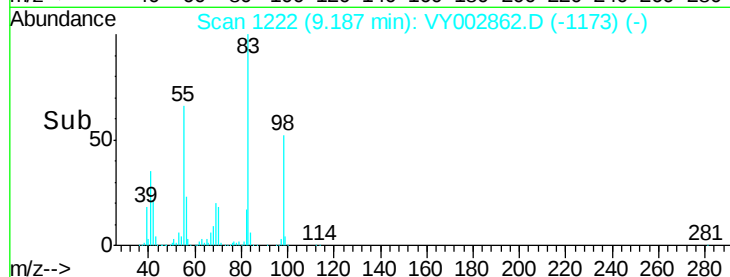
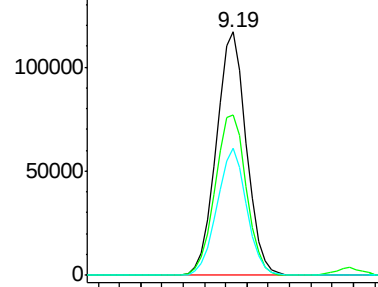
#39
Methvlcvclohexane
Concen: 46.595 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 231168
Ion Ratio Lower Upper
83 100
55 66.1 53.3 79.9
98 52.2 41.1 61.7

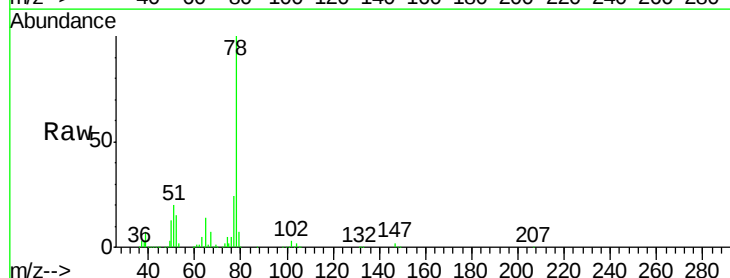


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

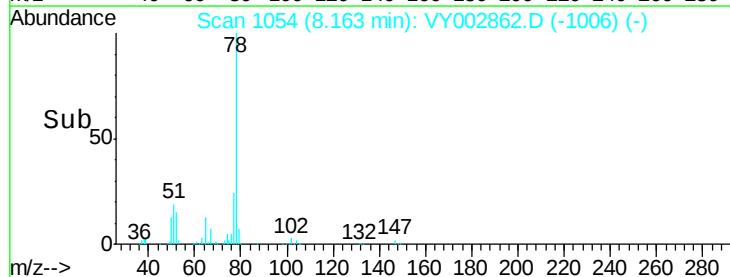
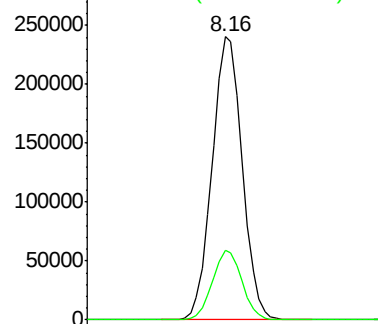


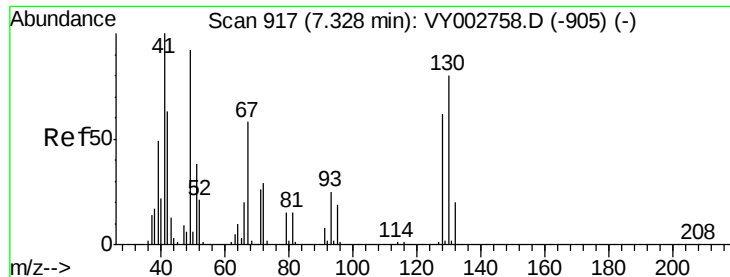
#40
Benzene
Concen: 48.204 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion: 78 Resp: 536105
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2



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

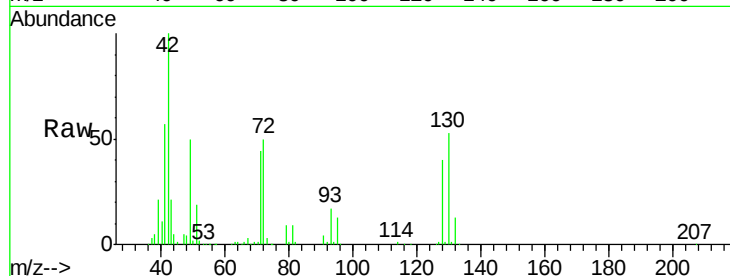




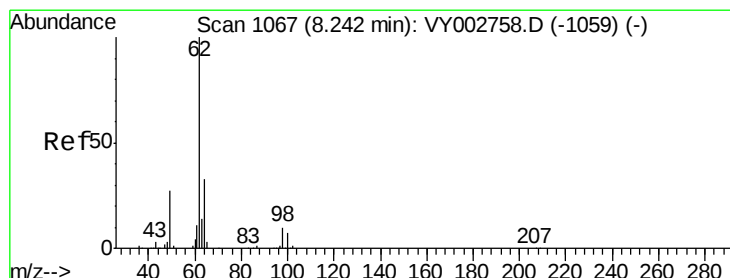
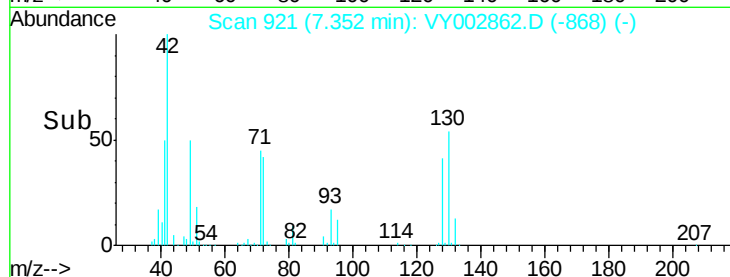
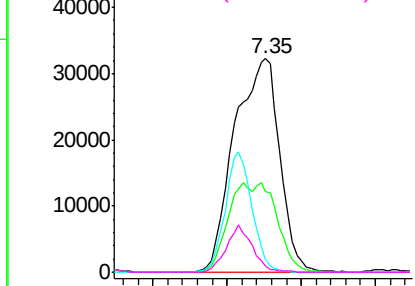
#41
Methacrylonitrile
Concen: 124.481 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	136949
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

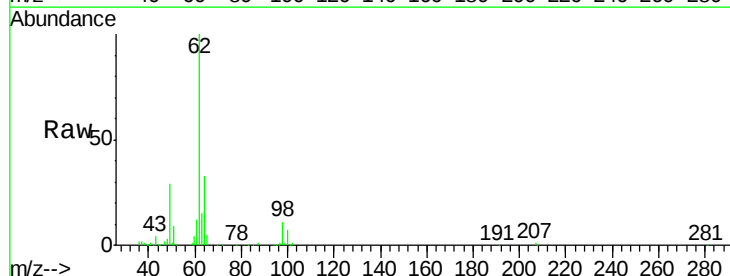


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

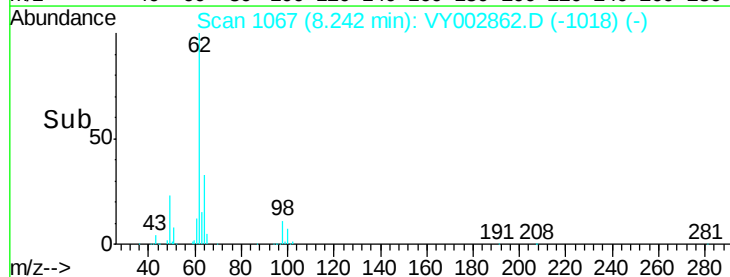
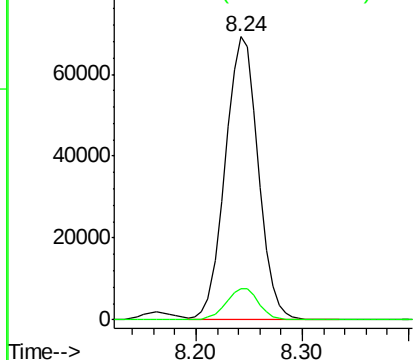


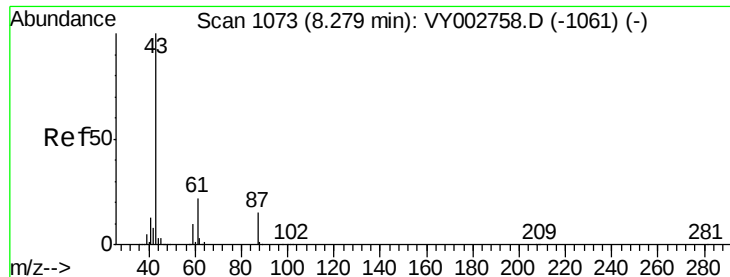
#42
1,2-Dichloroethane
Concen: 48.234 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion:	62	Resp:	150340
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.6



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



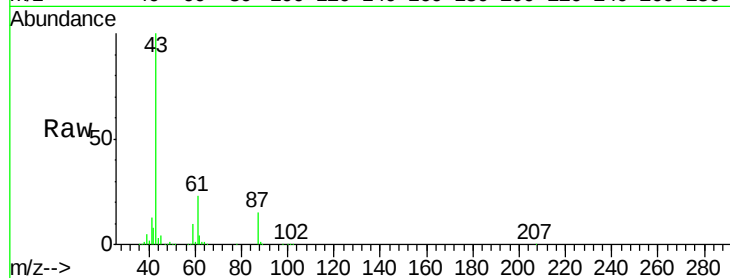


#43

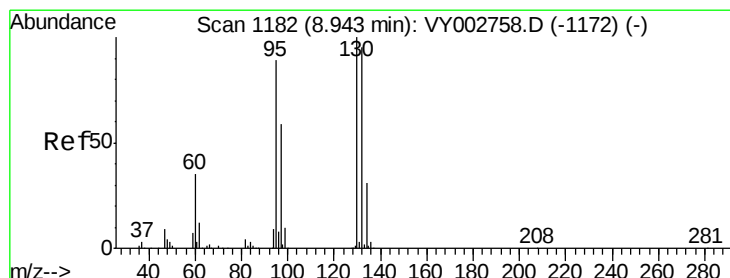
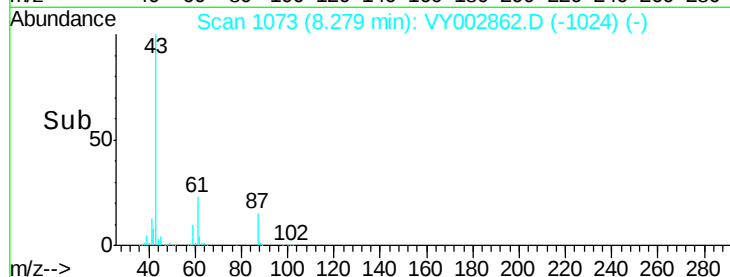
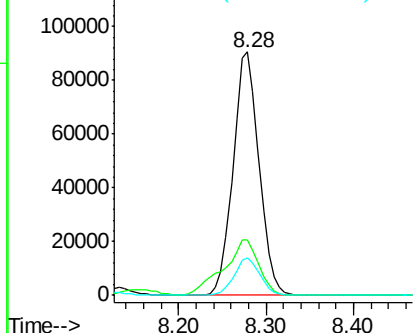
Isopropyl Acetate
 Concen: 48.061 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 186512
 Ion Ratio Lower Upper
 43 100
 61 31.3 24.8 37.2
 87 15.4 12.4 18.6



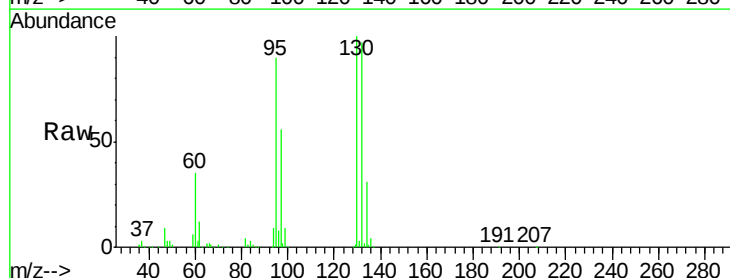
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



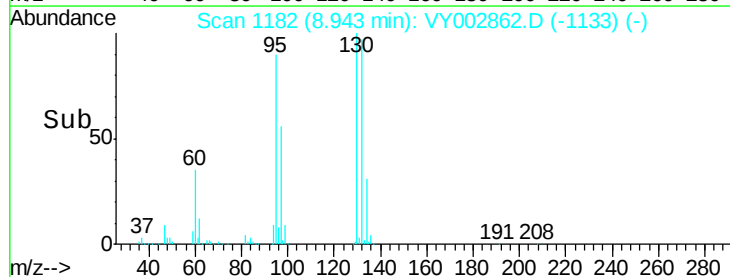
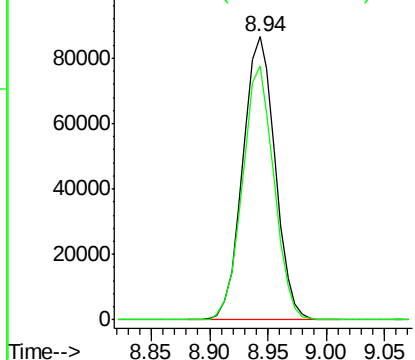
#44

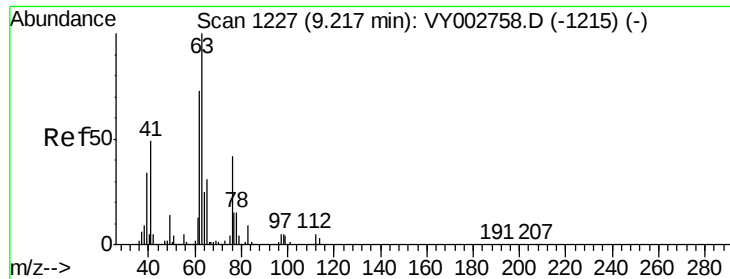
Trichloroethene
 Concen: 47.787 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion: 130 Resp: 167877
 Ion Ratio Lower Upper
 130 100
 95 89.7 0.0 178.8



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





#45

1,2-Dichloropropane

Concen: 48.679 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

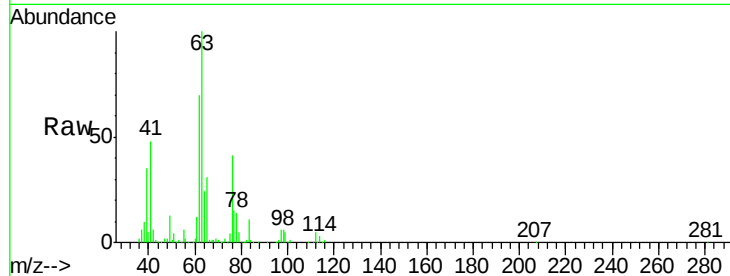
VSTDCCC050

Tot Ion: 63 Resp: 129830

Ion Ratio Lower Upper

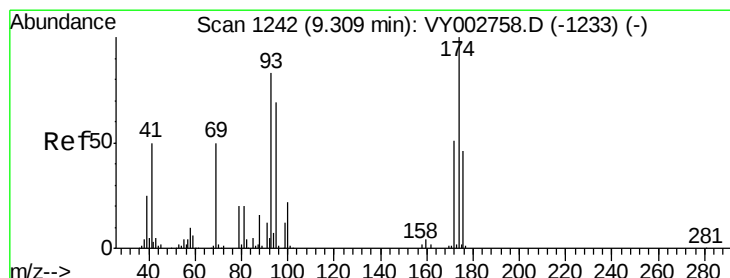
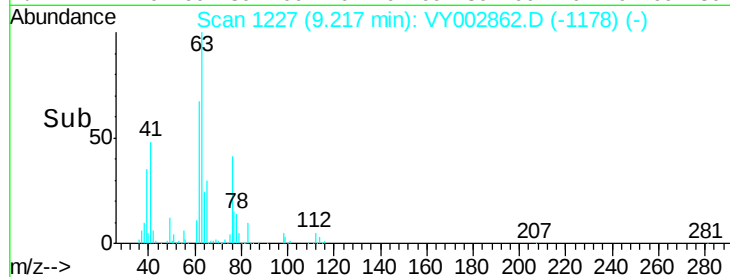
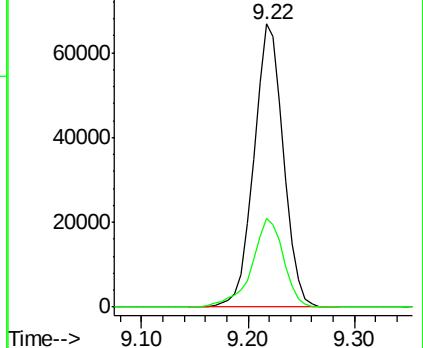
63 100

65 31.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 48.496 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

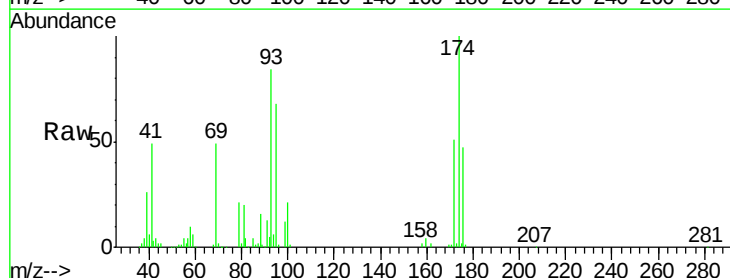
Tgt Ion: 93 Resp: 76815

Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

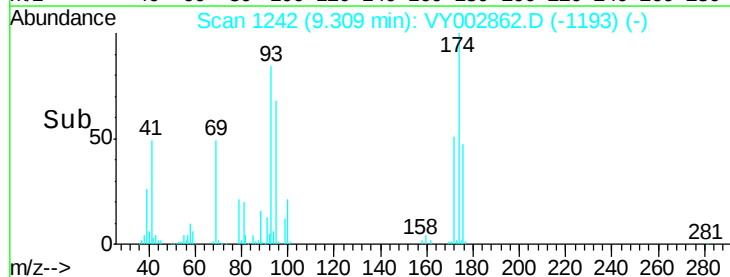
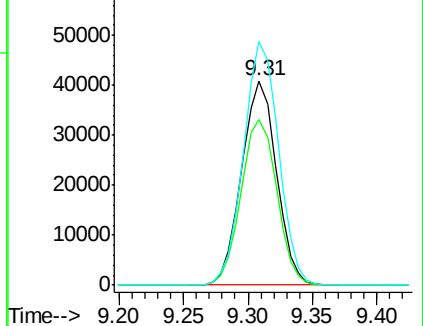
174 119.6 97.7 146.5



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.508 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

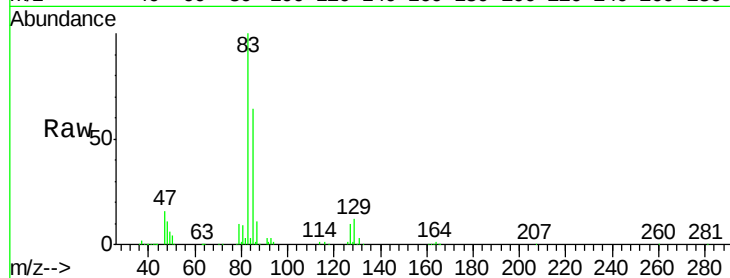
Tot Ion: 83 Resp: 184869

Ion Ratio Lower Upper

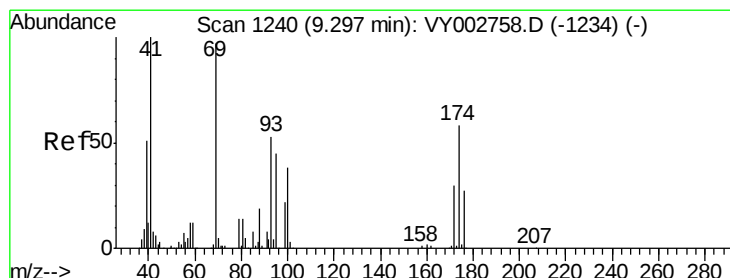
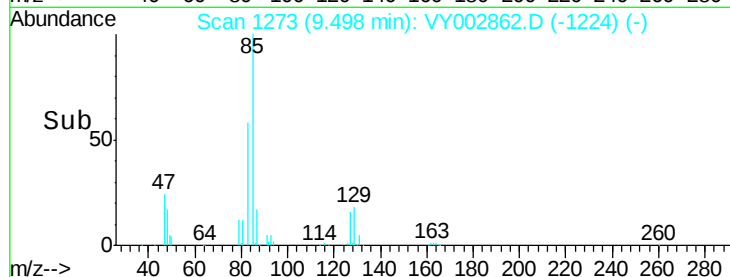
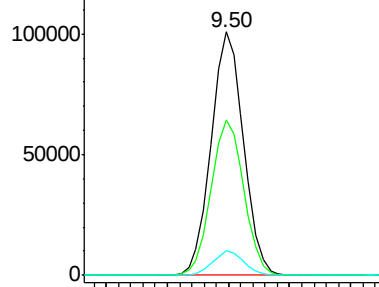
83 100

85 63.7 51.9 77.9

127 10.1 7.1 10.7



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



#48

Methyl methacrylate

Concen: 48.792 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

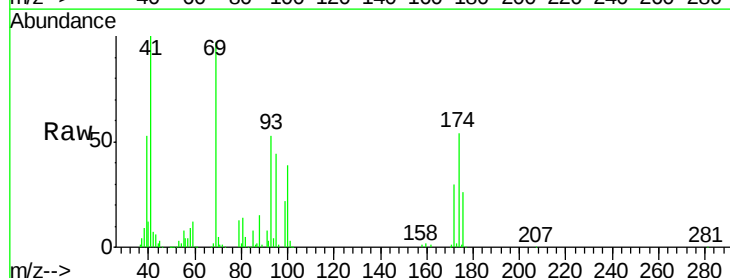
Tgt Ion: 41 Resp: 85477

Ion Ratio Lower Upper

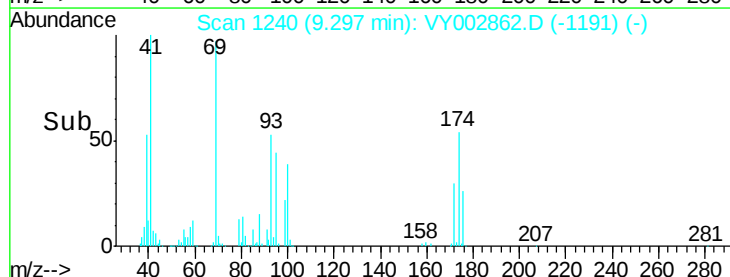
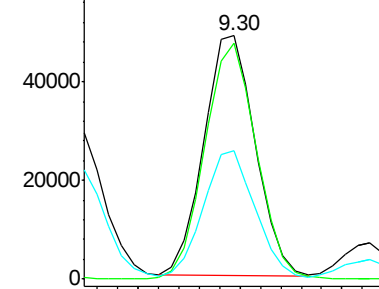
41 100

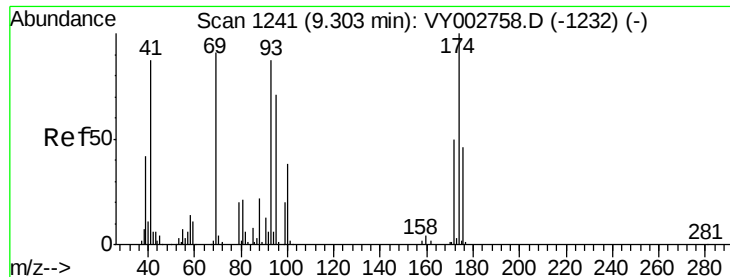
69 98.4 79.7 119.5

39 54.3 43.3 64.9



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

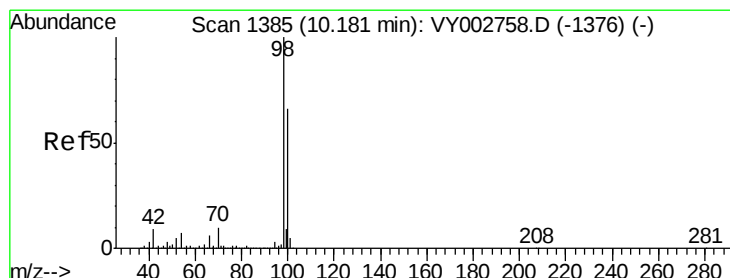
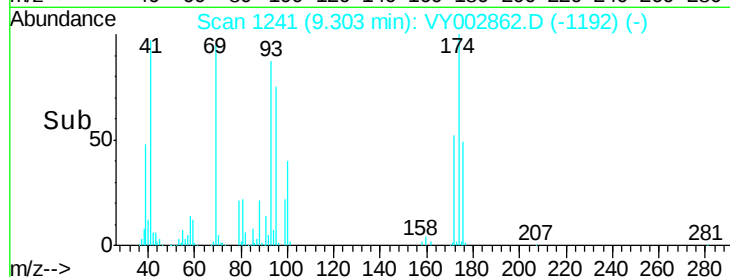
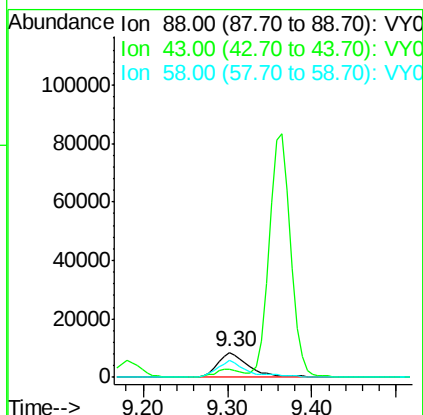
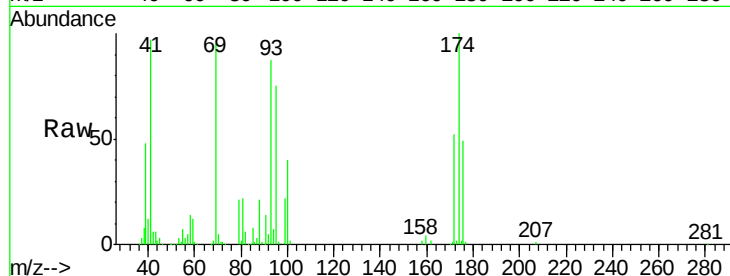




#49
 1,4-Dioxane
 Concen: 893.879 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

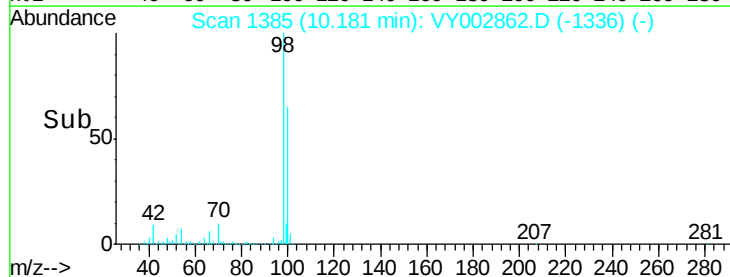
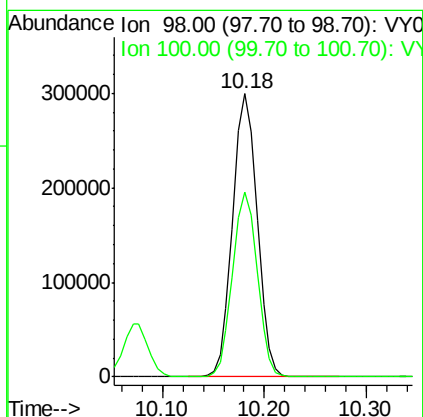
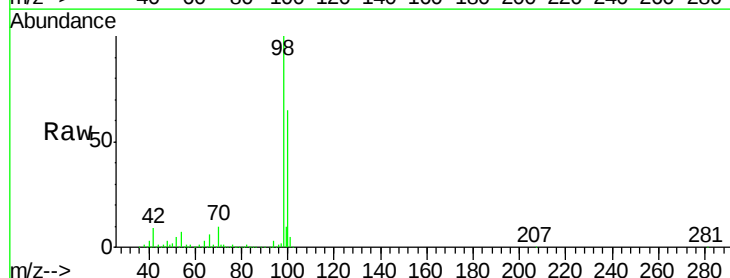
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

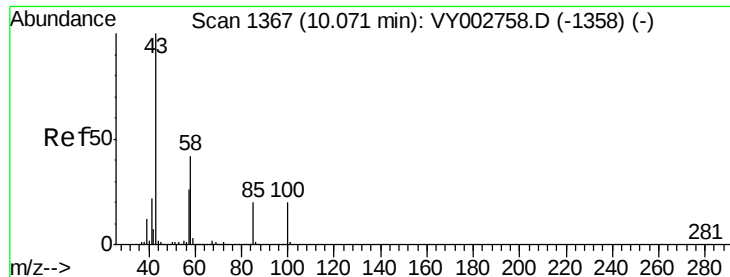
Tot Ion: 88 Resp: 21740
 Ion Ratio Lower Upper
 88 100
 43 25.0 21.3 31.9
 58 66.0 52.2 78.2



#50
 Toluene-d8
 Concen: 47.157 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion: 98 Resp: 499283
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.2 78.2

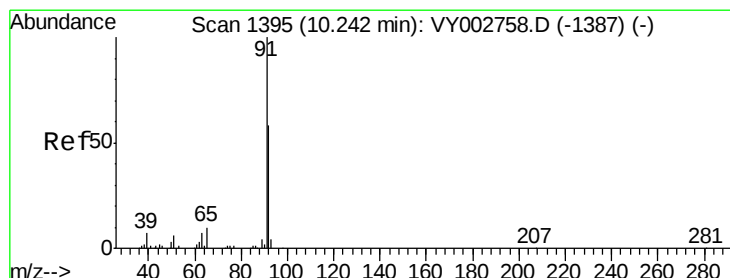
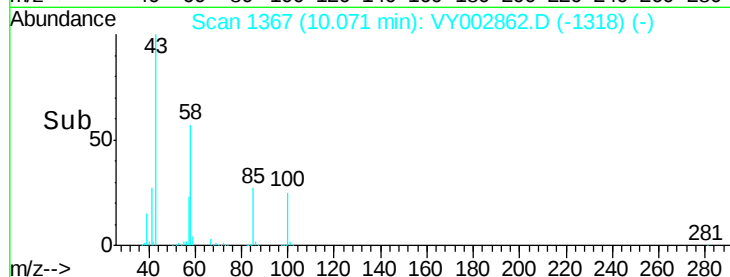
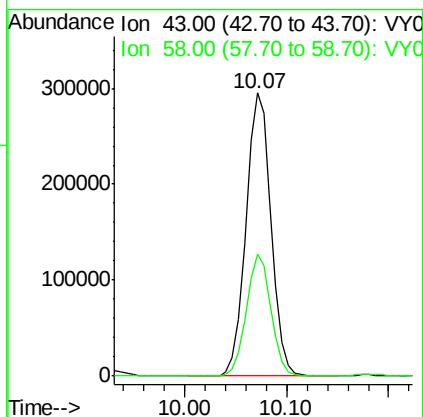
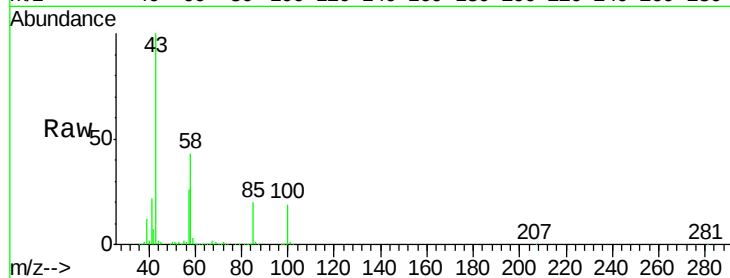




#51
 4-Methyl-2-Pentanone
 Concen: 245.047 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

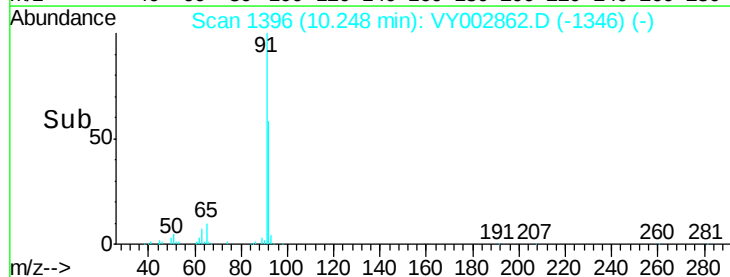
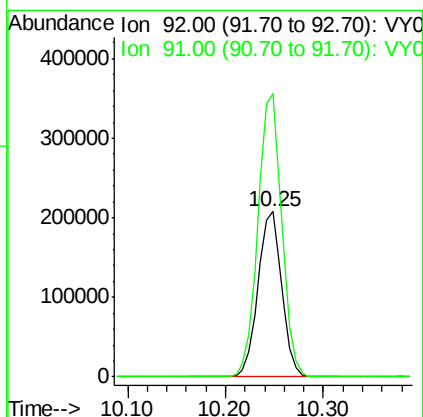
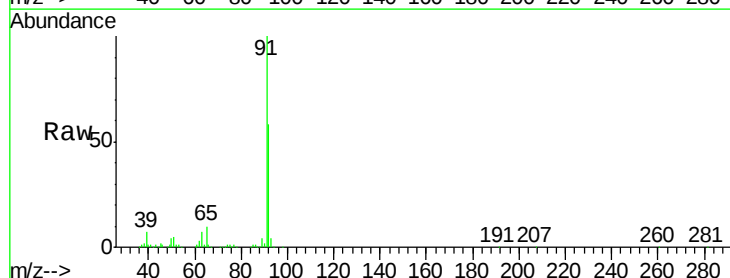
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

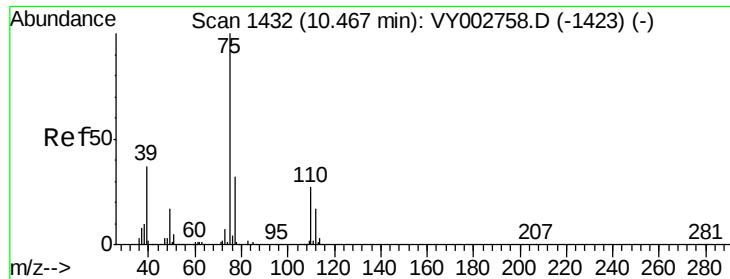
Tot Ion: 43 Resp: 503554
 Ion Ratio Lower Upper
 43 100
 58 42.2 34.2 51.2



#52
 Toluene
 Concen: 48.272 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion: 92 Resp: 351201
 Ion Ratio Lower Upper
 92 100
 91 172.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.313 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

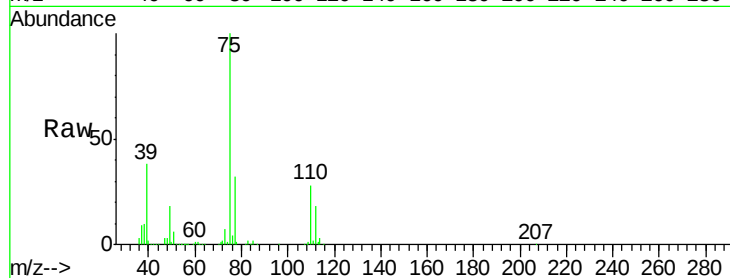
VSTDCCC050

Tot Ion: 75 Resp: 201125

Ion Ratio Lower Upper

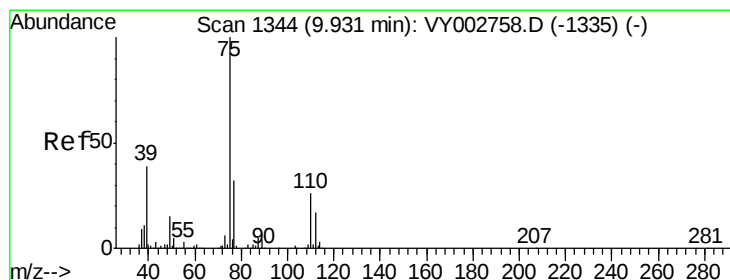
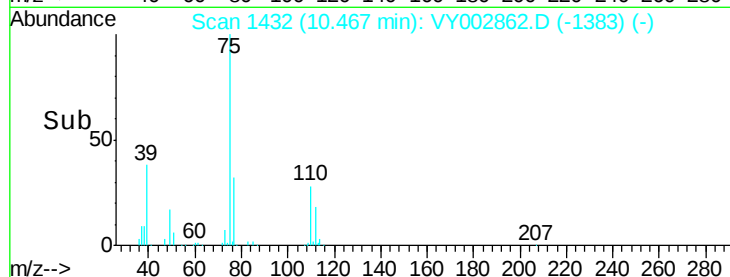
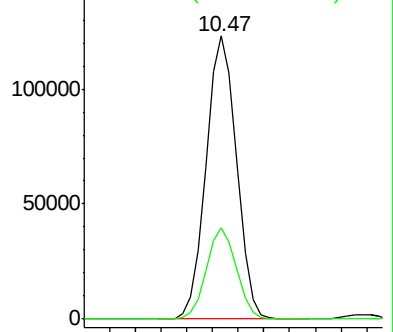
75 100

77 32.1 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 48.599 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

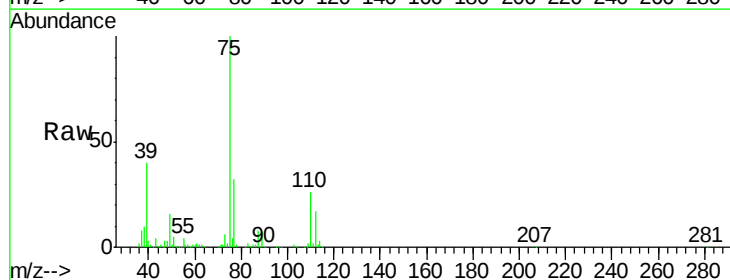
Tgt Ion: 75 Resp: 224600

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

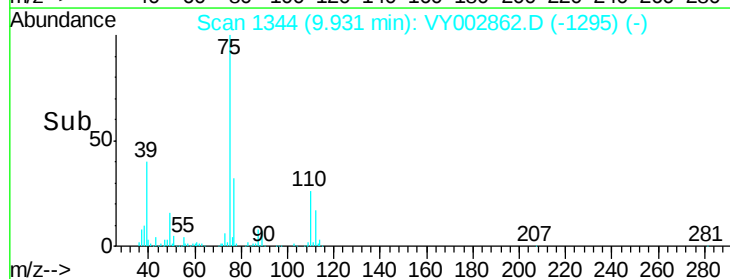
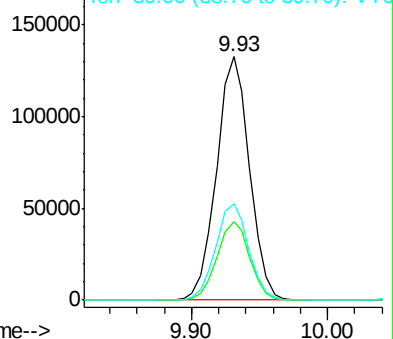
39 39.7 31.3 46.9

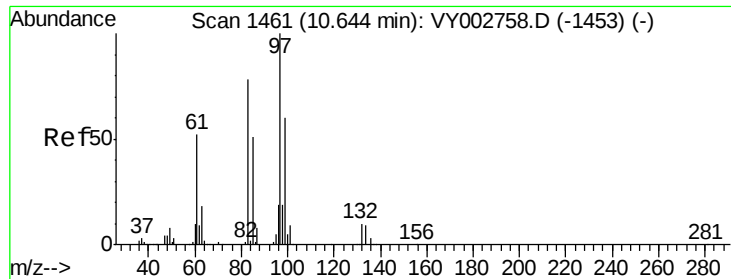


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

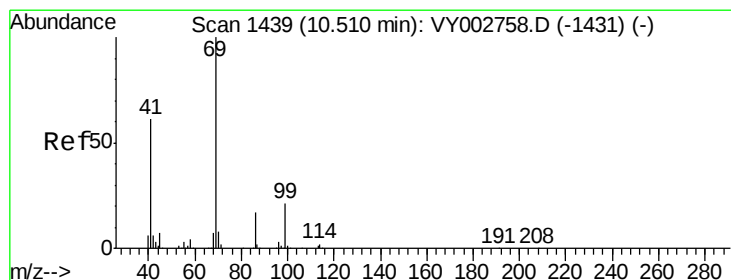
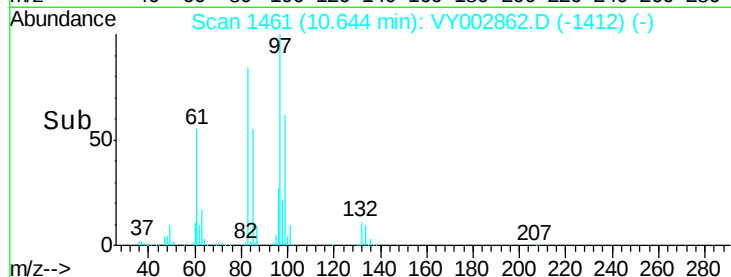
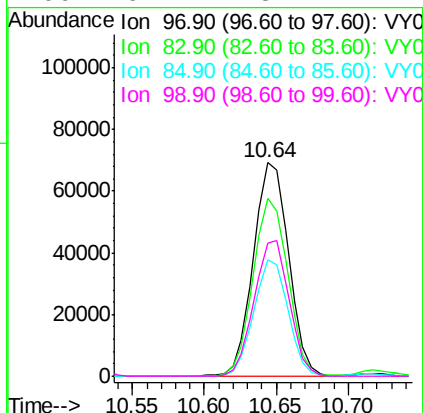
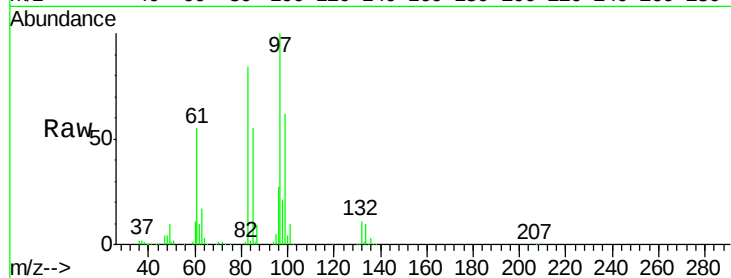




#55
 1,1,2-Trichloroethane
 Concen: 48.332 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

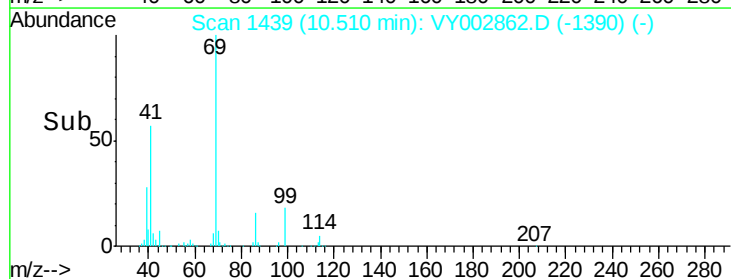
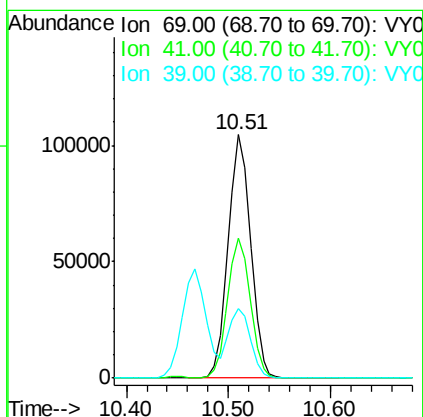
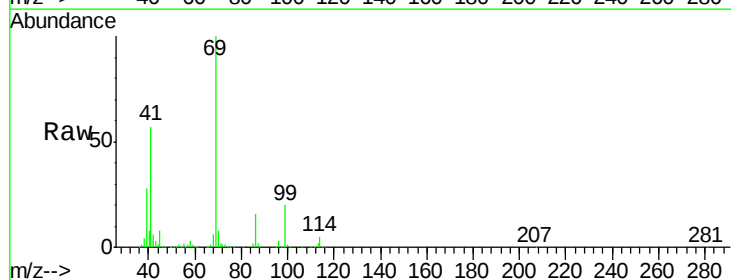
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	117204
Ion	Ratio	Lower	Upper
97	100		
83	83.5	62.7	94.1
85	54.6	40.6	60.8
99	62.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 49.133 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion:	69	Resp:	159586
Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.0	70.4
39	27.8	22.0	33.0





#57

1,3-Dichloropropane

Concen: 48.696 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

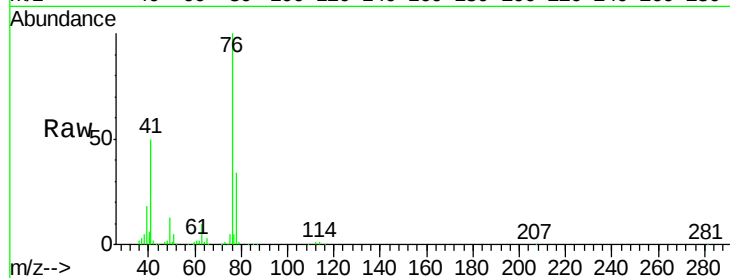
VSTDCCC050

Tot Ion: 76 Resp: 194225

Ion Ratio Lower Upper

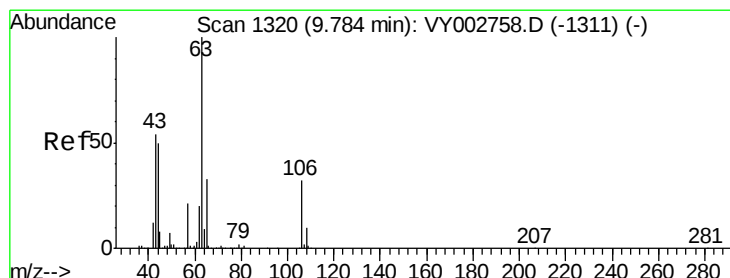
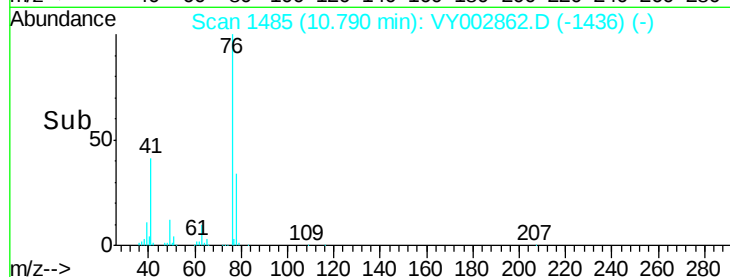
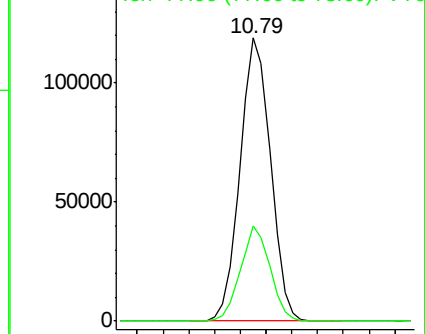
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 248.074 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002862.D

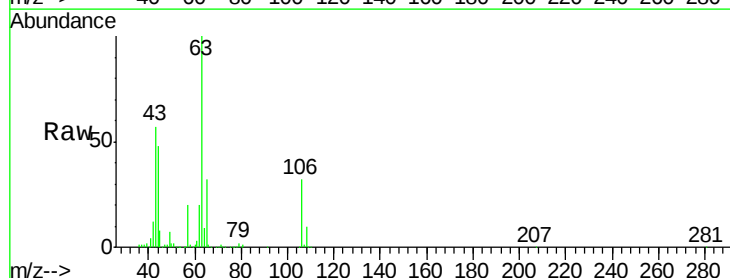
Acq: 09 Jun 2020 10:10

Tgt Ion: 63 Resp: 393712

Ion Ratio Lower Upper

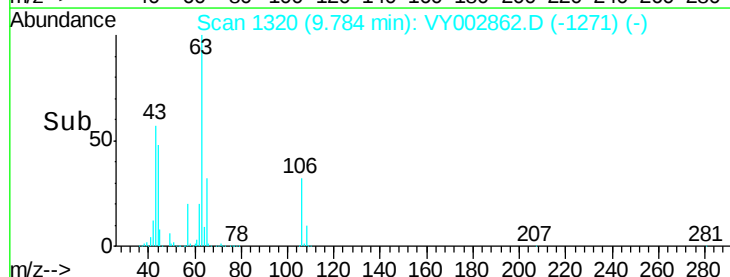
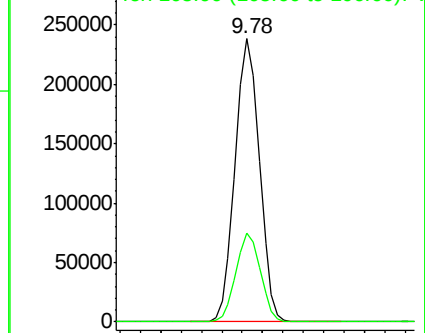
63 100

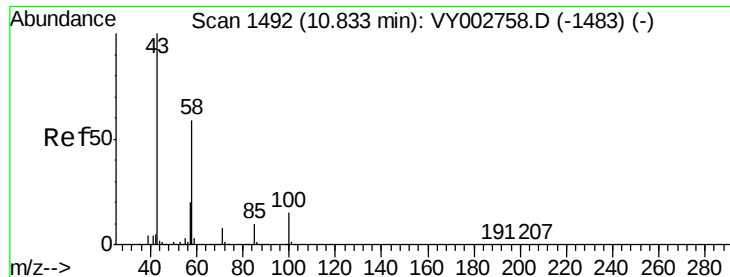
106 31.5 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

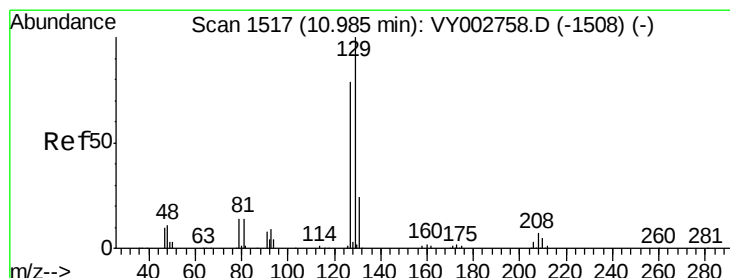
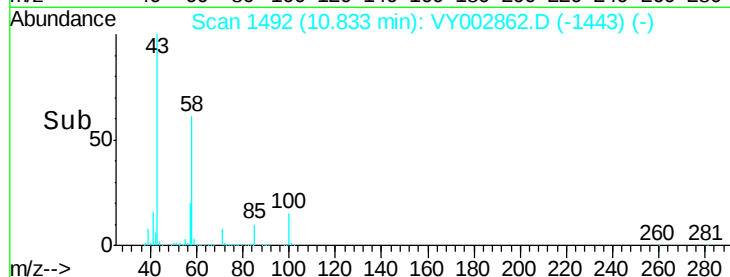
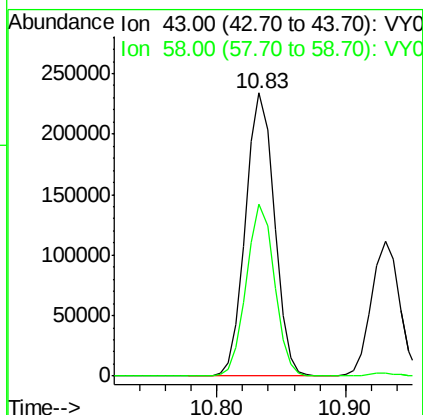
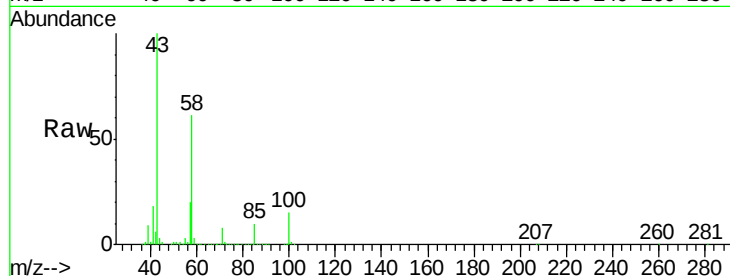




#59
2-Hexanone
Concen: 247.775 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

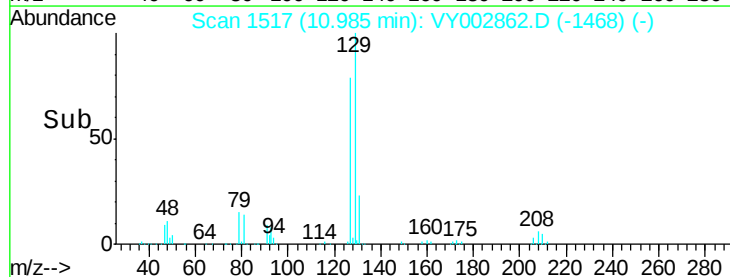
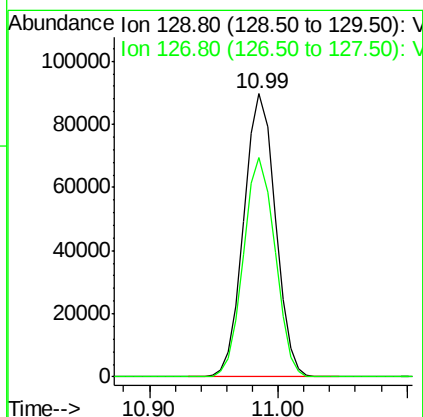
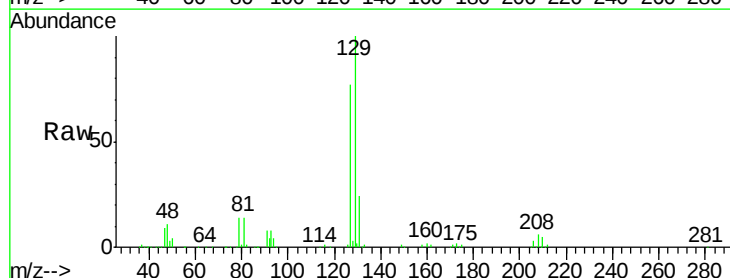
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

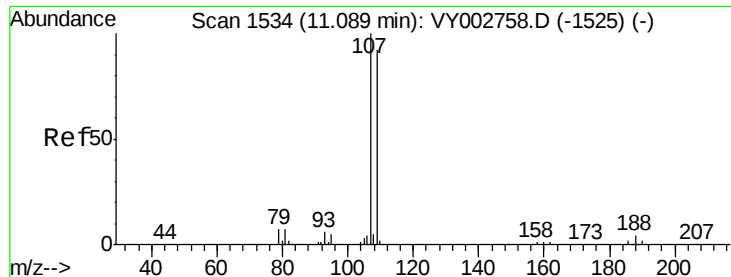
Tot Ion: 43 Resp: 361261
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 49.329 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion: 129 Resp: 151657
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

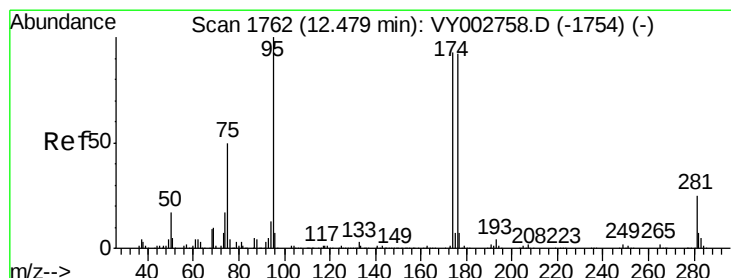
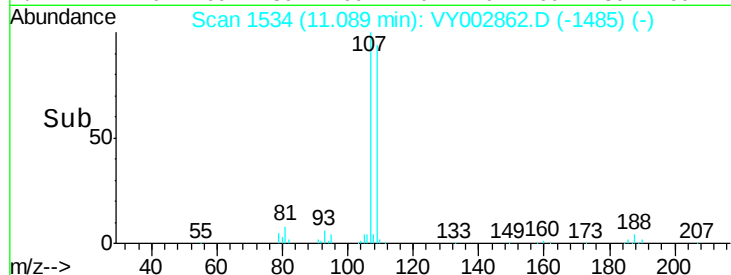
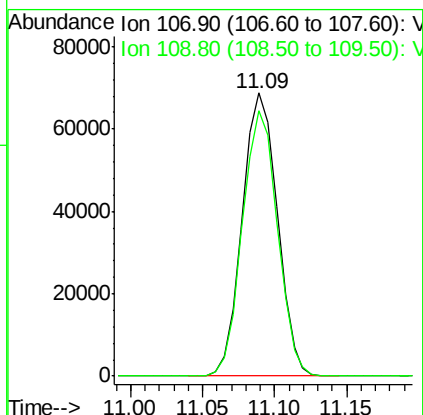
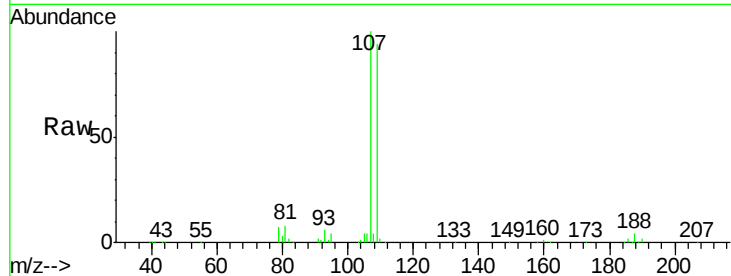




#61
 1,2-Dibromoethane
 Concen: 48.589 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

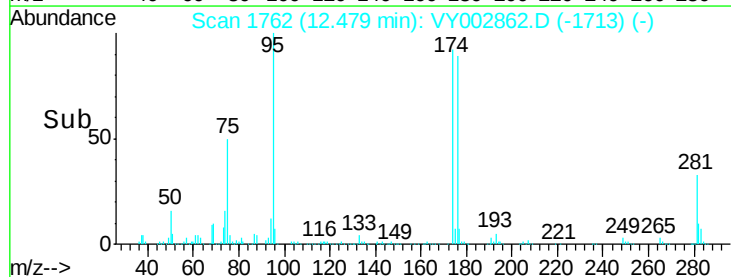
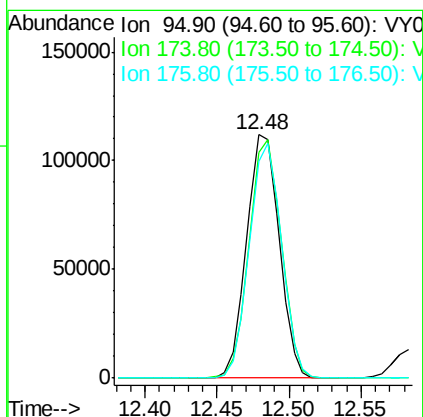
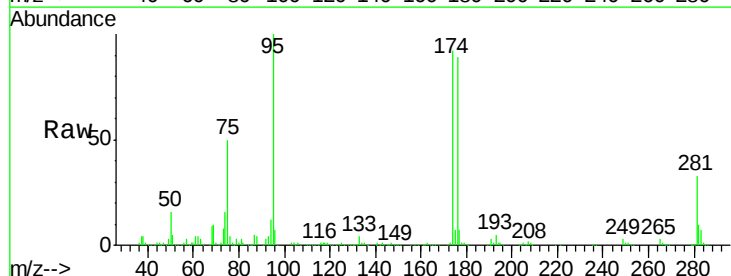
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

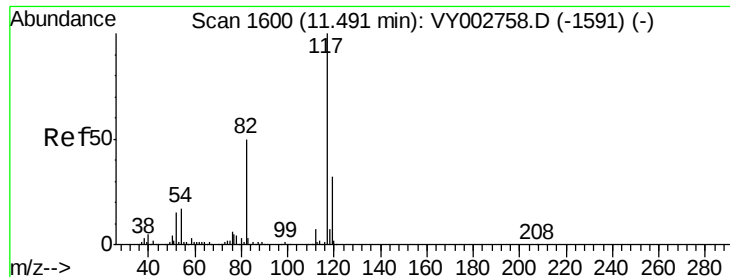
Tot Ion:107 Resp: 116231
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.471 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion: 95 Resp: 175385
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 191.2
 176 95.2 0.0 188.8

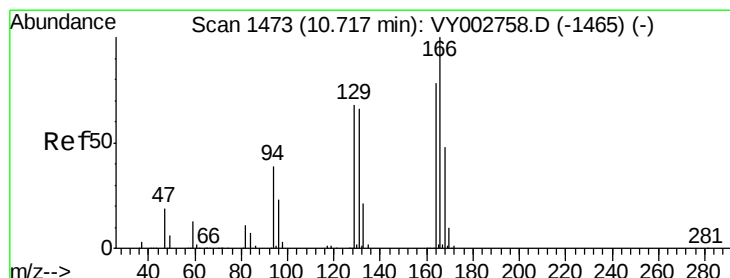
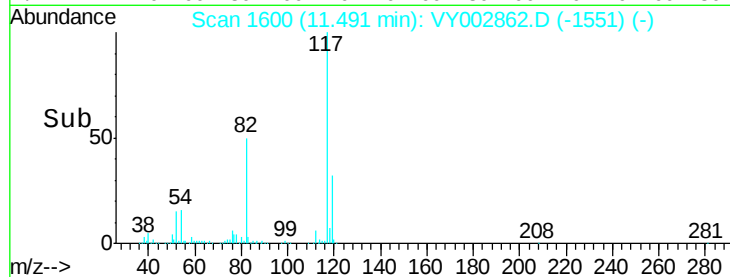
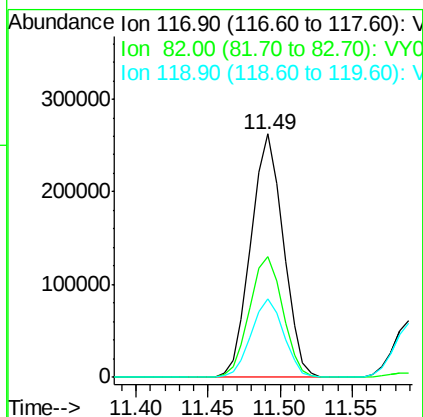
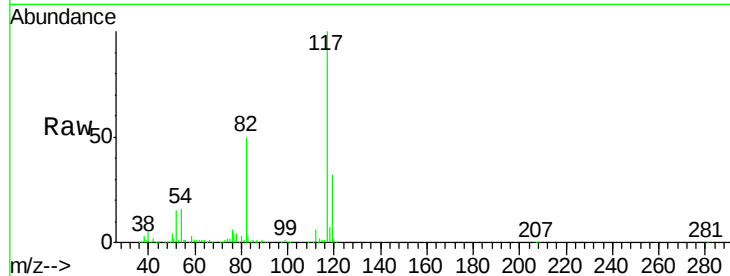




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

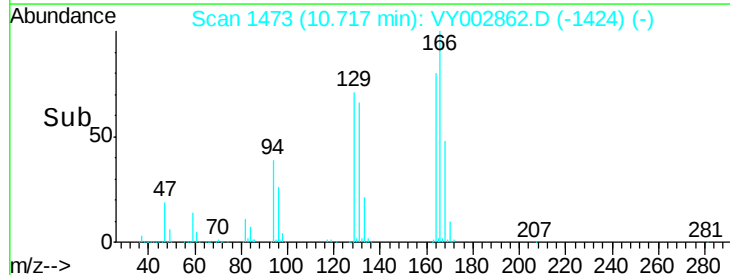
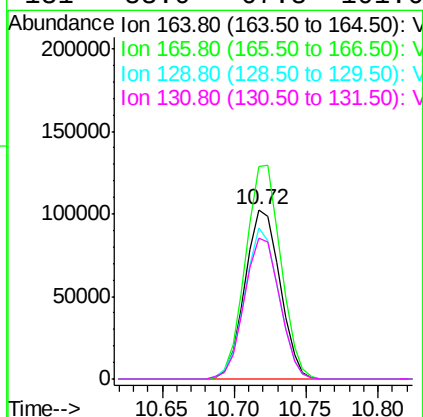
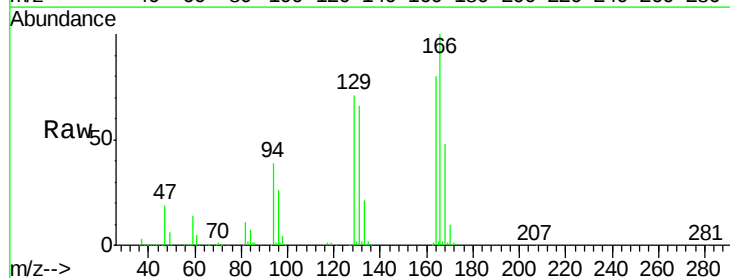
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

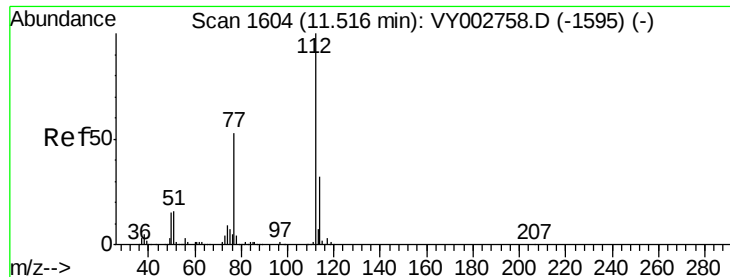
Tot Ion:117 Resp: 409576
Ion Ratio Lower Upper
117 100
82 49.6 40.2 60.4
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 46.370 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion:164 Resp: 172611
Ion Ratio Lower Upper
164 100
166 125.7 102.3 153.5
129 89.5 69.4 104.2
131 83.0 67.8 101.6

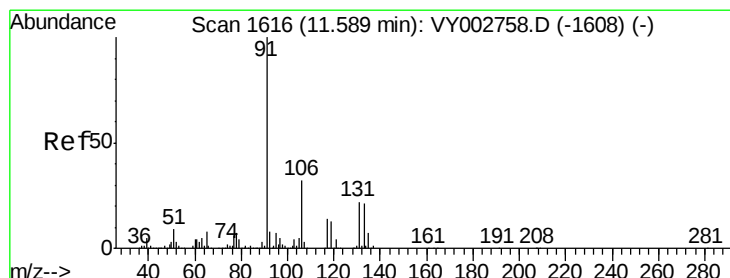
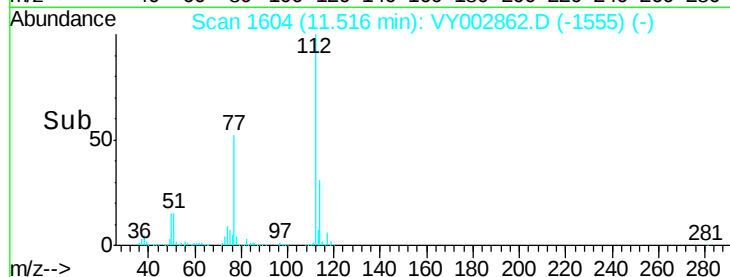
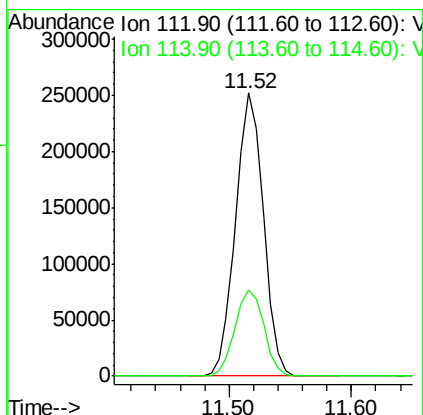
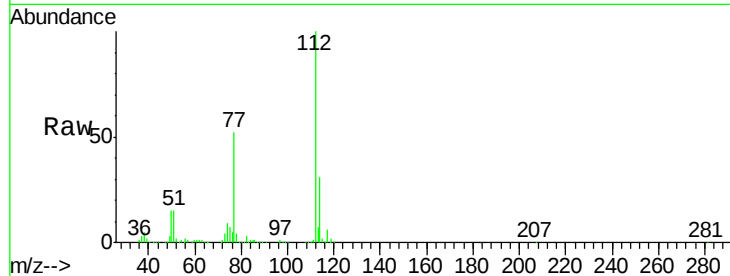




#65
Chlorobenzene
Concen: 49.042 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

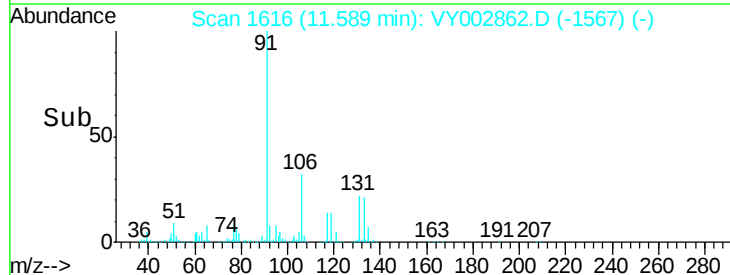
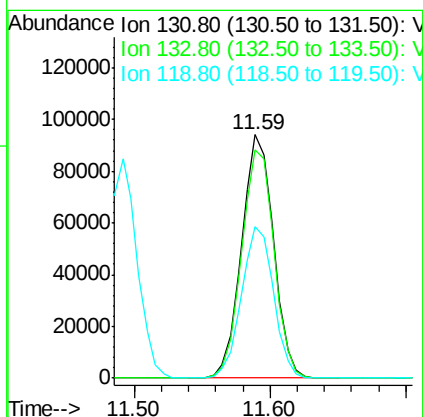
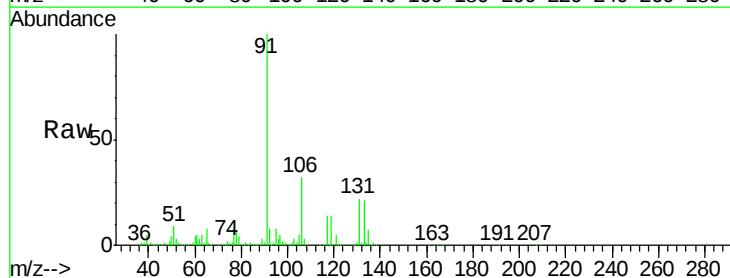
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 397006
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.523 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion:131 Resp: 154039
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.8
119 62.7 31.7 95.1

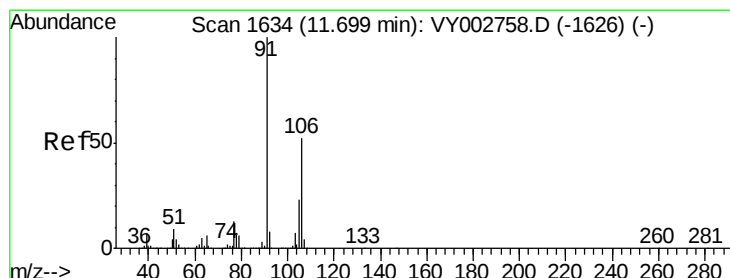
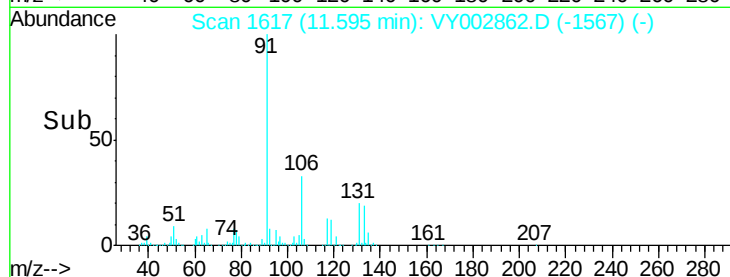
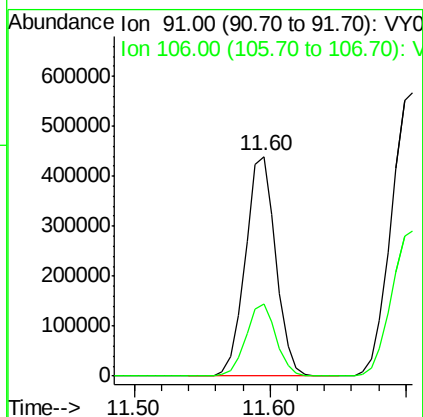
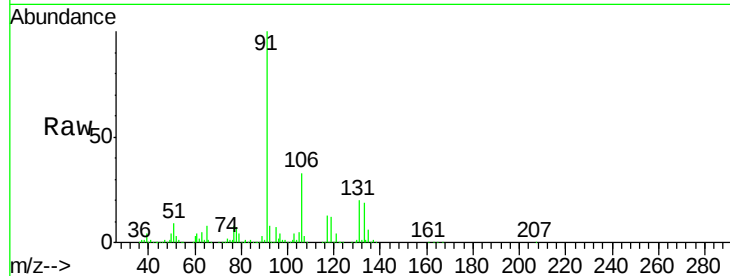




#67
Ethyl Benzene
Concen: 48.724 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

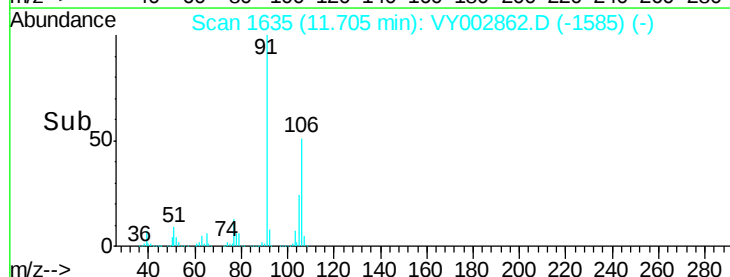
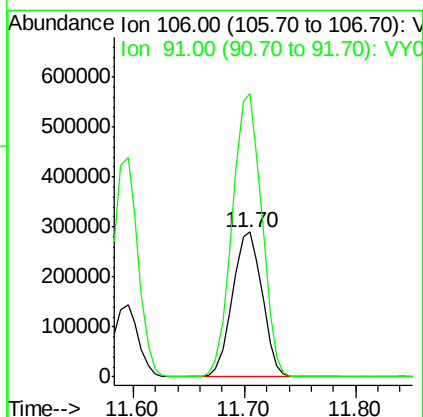
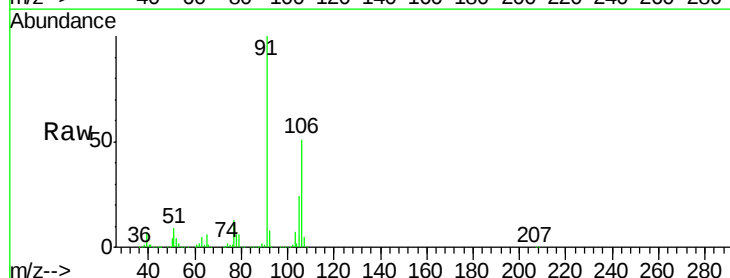
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 683800
Ion Ratio Lower Upper
91 100
106 33.1 25.7 38.5



#68
m/p-Xylenes
Concen: 98.135 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion: 106 Resp: 533983
Ion Ratio Lower Upper
106 100
91 194.7 156.0 234.0

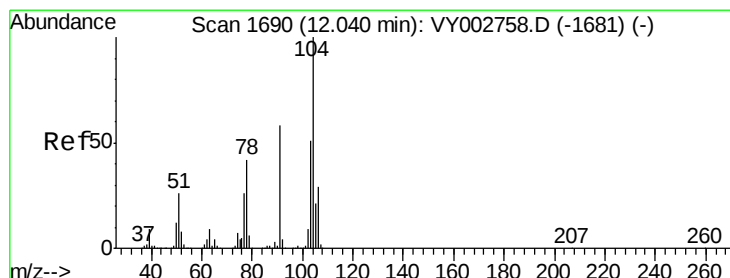
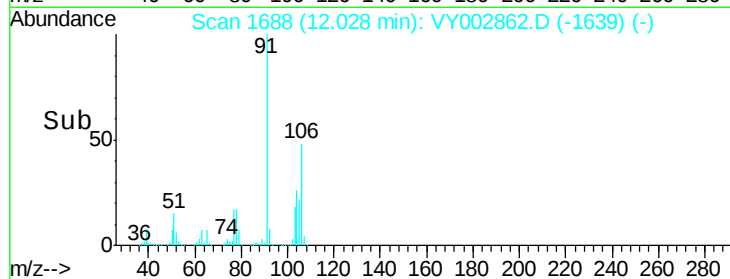
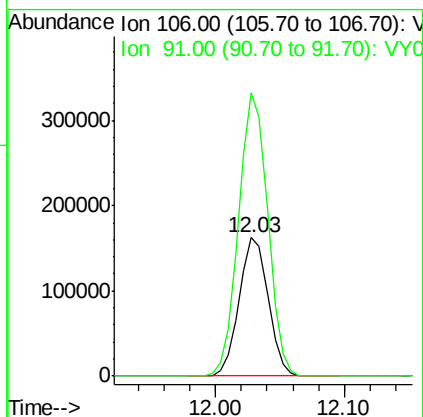
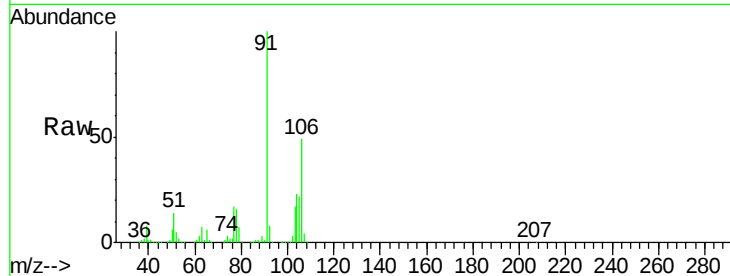




#69
o-Xylene
Concen: 49.430 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

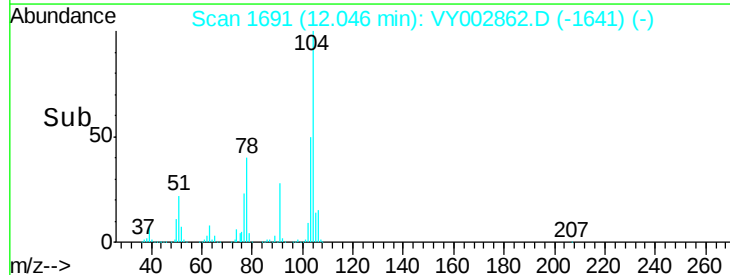
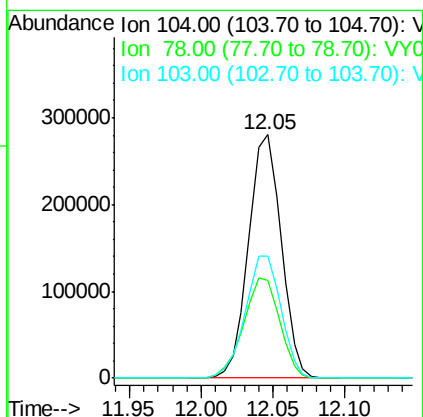
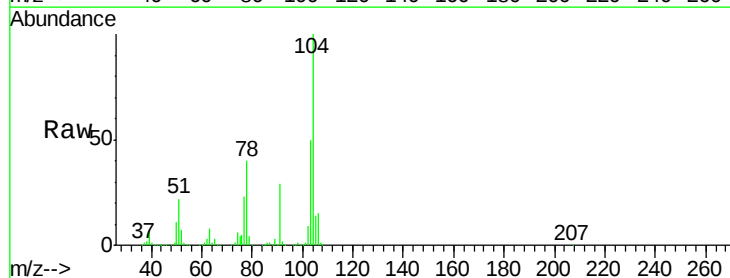
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

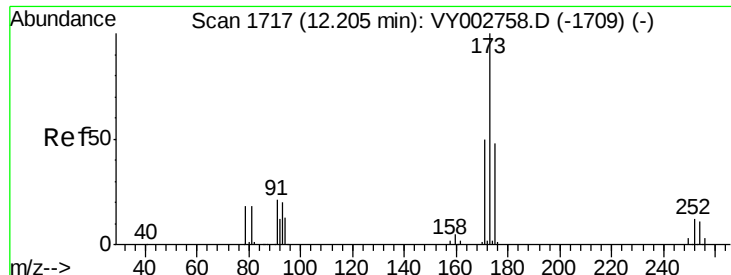
Tot Ion:106 Resp: 253909
Ion Ratio Lower Upper
106 100
91 204.5 102.4 307.1



#70
Styrene
Concen: 49.385 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion:104 Resp: 439761
Ion Ratio Lower Upper
104 100
78 45.7 36.2 54.4
103 55.1 43.6 65.4





#71

Bromoform

Concen: 50.660 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

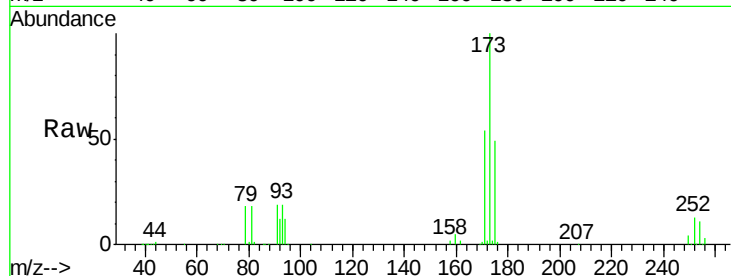
Tot Ion:173 Resp: 103350

Ion Ratio Lower Upper

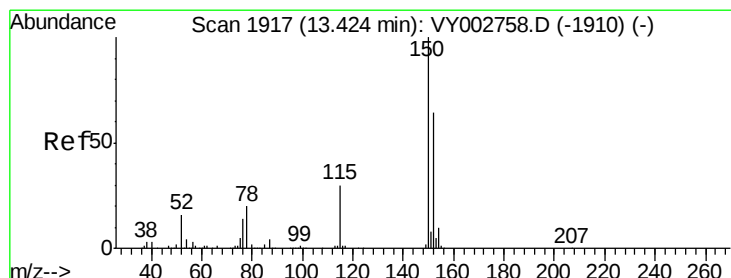
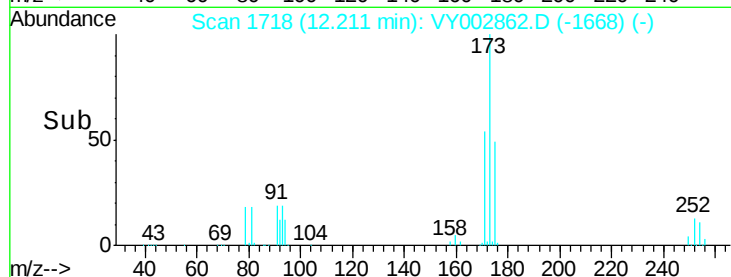
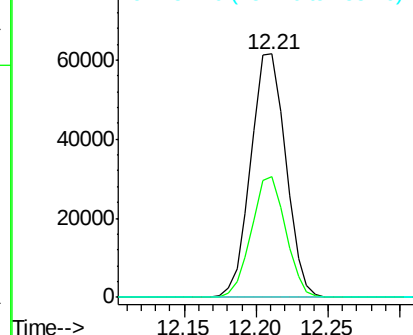
173 100

175 48.5 24.3 72.8

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

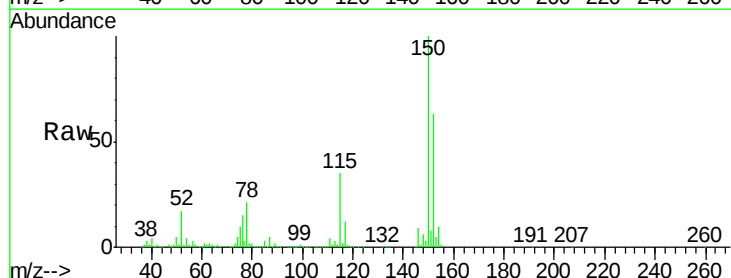
Tgt Ion:152 Resp: 218186

Ion Ratio Lower Upper

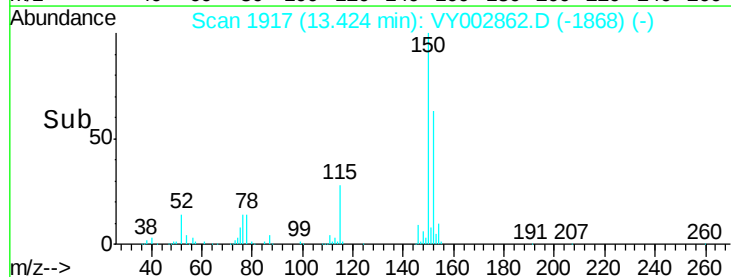
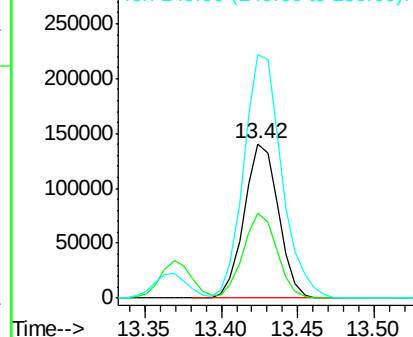
152 100

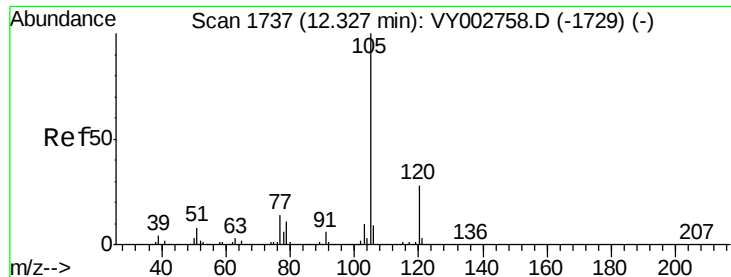
115 54.5 27.0 81.0

150 174.5 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: 49.802 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

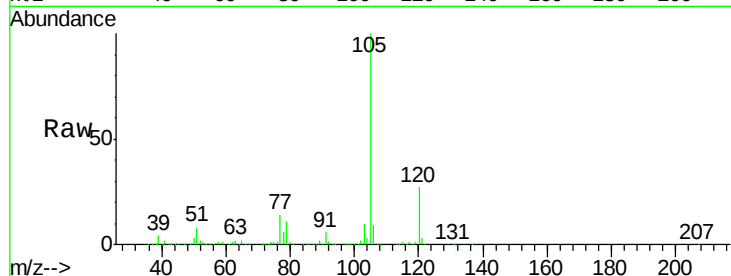
VSTDCCC050

Tot Ion:105 Resp: 696347

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

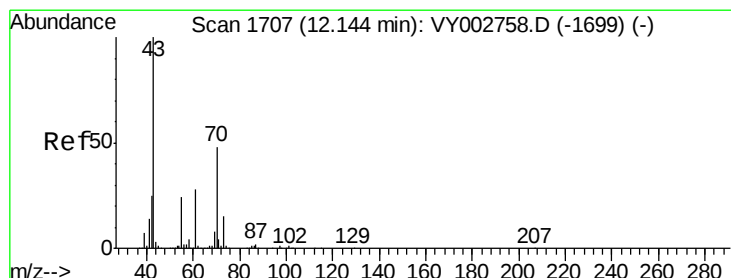
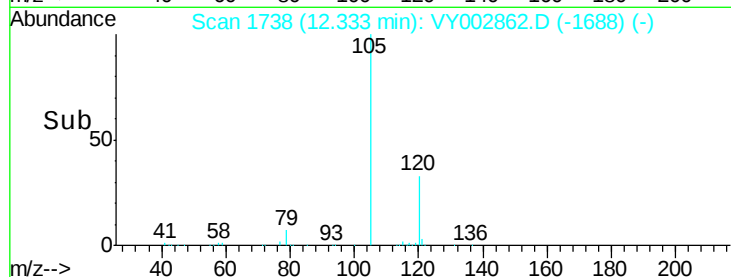
300000

200000

100000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 48.994 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Tgt Ion: 43 Resp: 175771

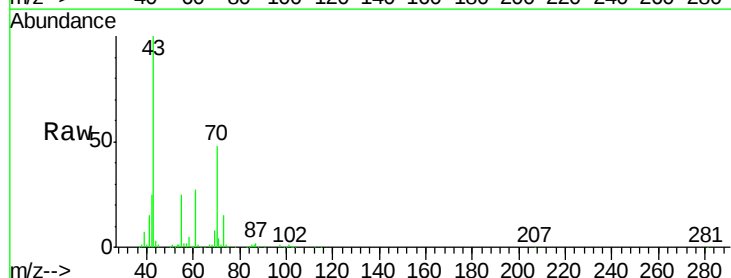
Ion Ratio Lower Upper

43 100

70 48.3 37.7 56.5

55 25.0 19.8 29.6

61 26.7 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

12.14

200000

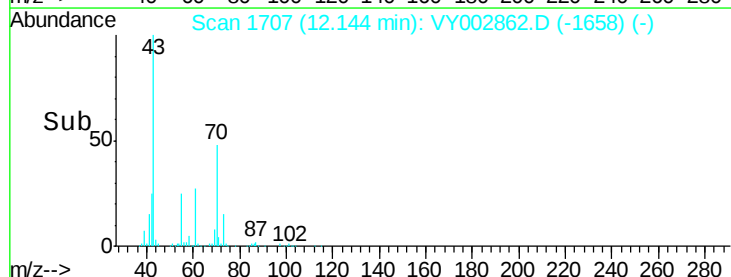
150000

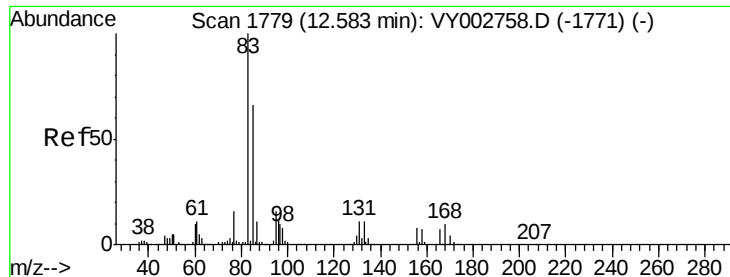
100000

50000

0

Time--> 12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 52.033 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

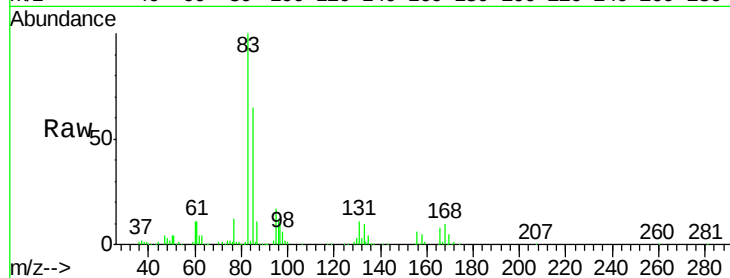
Tot Ion: 83 Resp: 127650

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

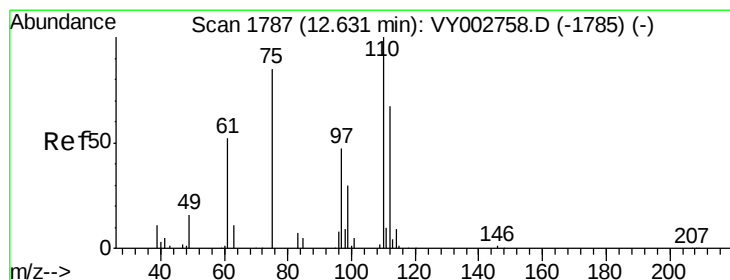
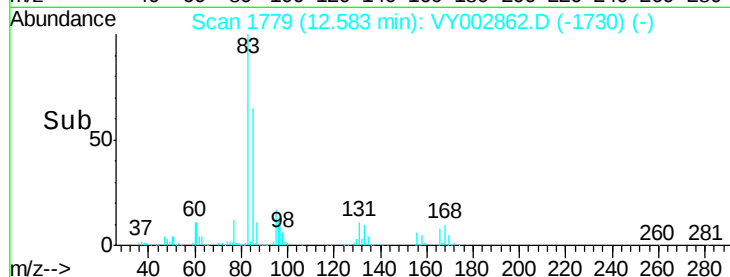
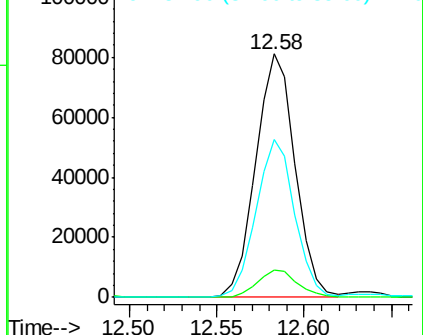
85 63.6 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002862.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002862.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002862.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 93.137 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002862.D

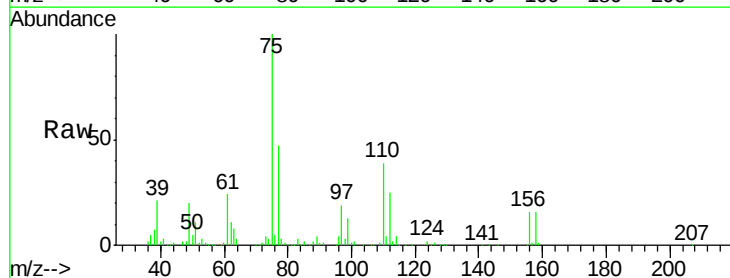
Acq: 09 Jun 2020 10:10

Tgt Ion: 75 Resp: 183108

Ion Ratio Lower Upper

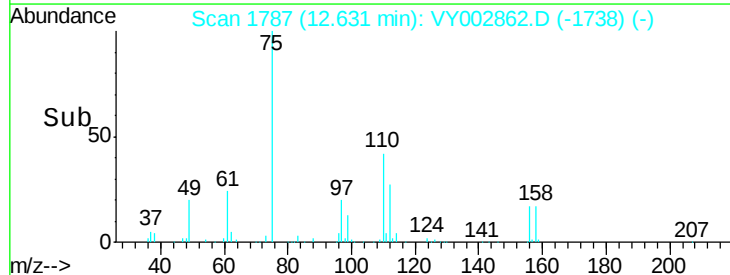
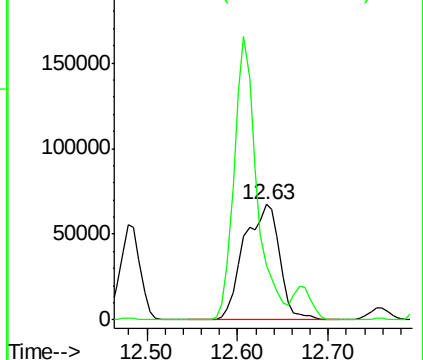
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002862.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002862.D (-1738) (-)





#77

Bromobenzene

Concen: 49.171 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

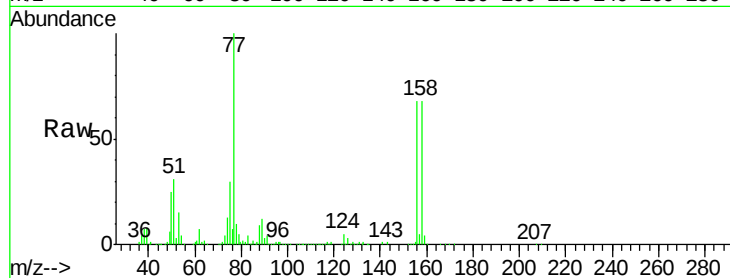
Tot Ion:156 Resp: 179021

Ion Ratio Lower Upper

156 100

77 161.0 81.4 244.2

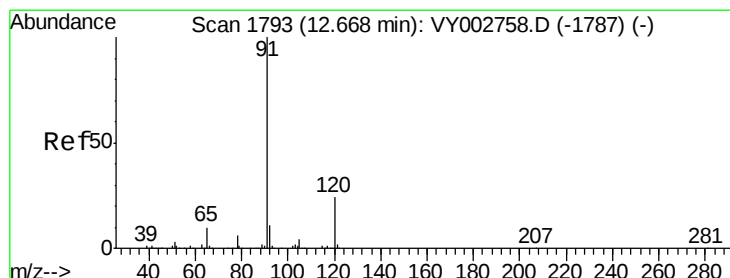
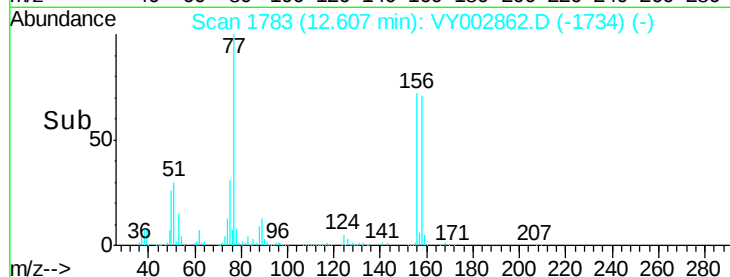
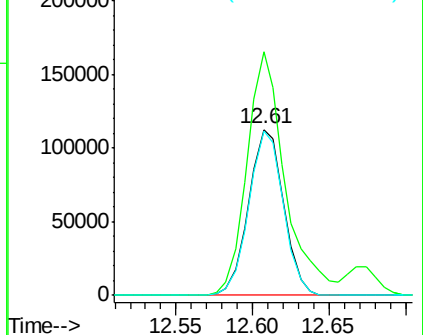
158 97.5 48.5 145.6



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: 50.105 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002862.D

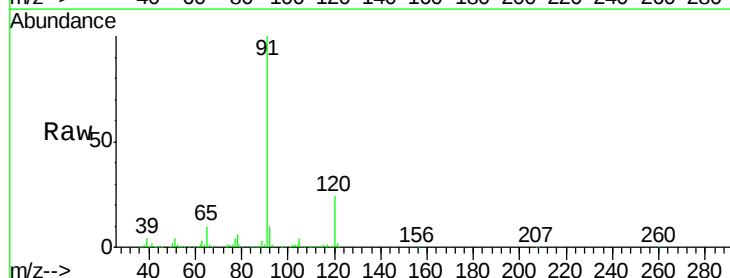
Acq: 09 Jun 2020 10:10

Tgt Ion: 91 Resp: 809259

Ion Ratio Lower Upper

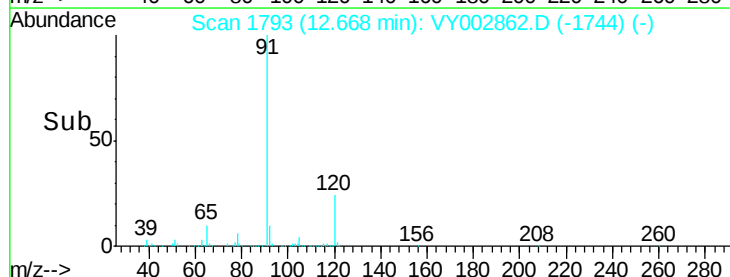
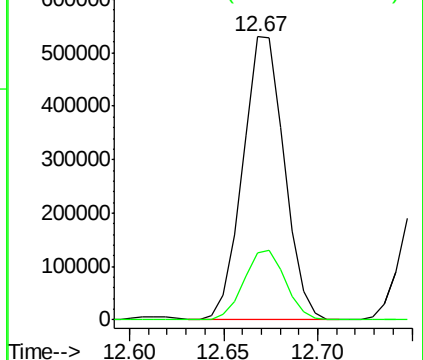
91 100

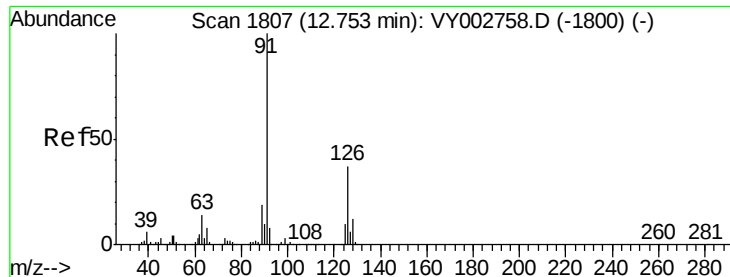
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

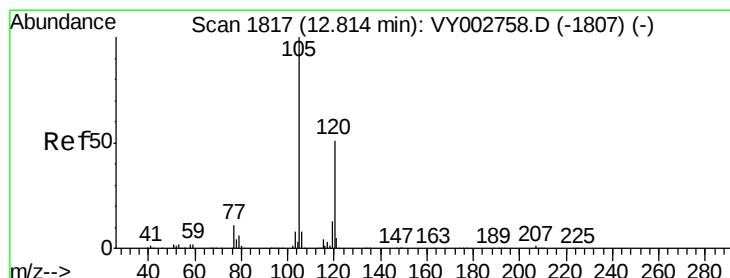
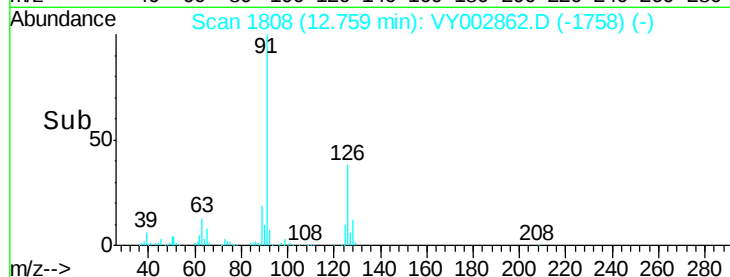
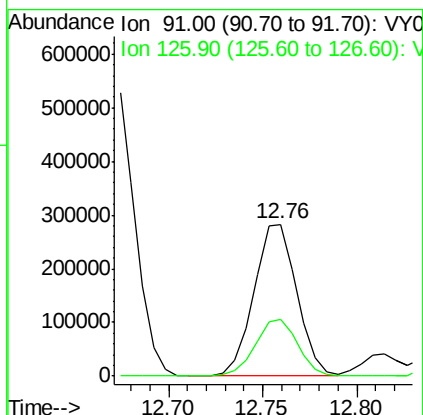
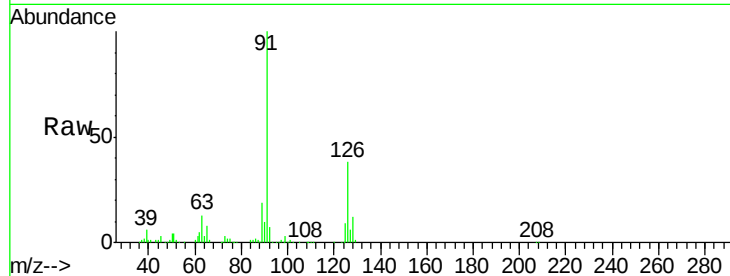




#79
 2-Chlorotoluene
 Concen: 49.337 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

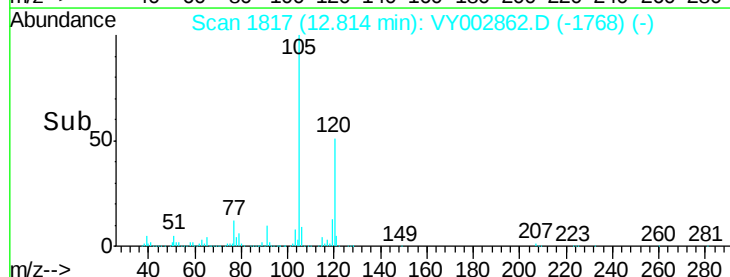
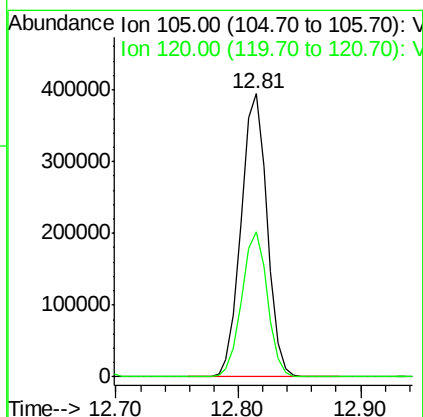
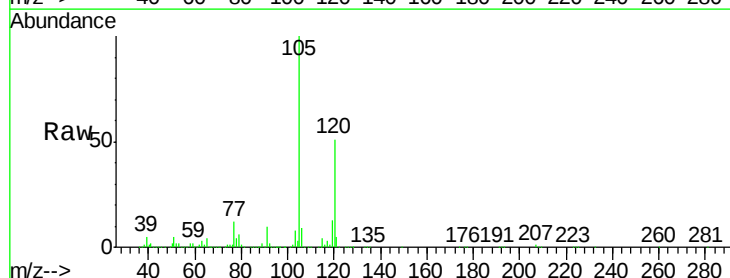
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

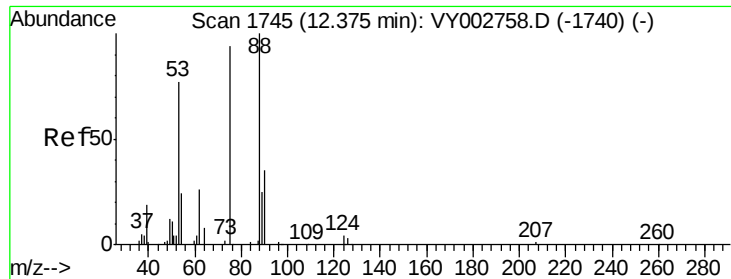
Tot Ion: 91 Resp: 446995
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.664 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion: 105 Resp: 579810
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.640 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

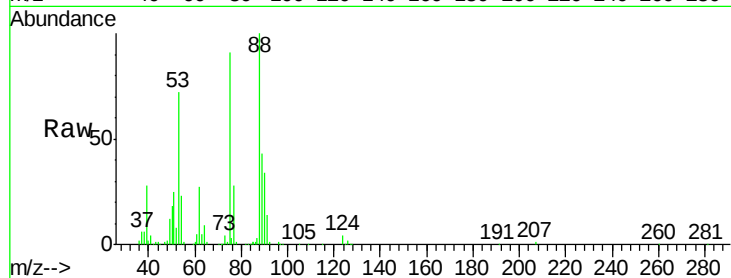
Tot Ion: 75 Resp: 51801

Ion Ratio Lower Upper

75 100

53 81.0 64.0 96.0

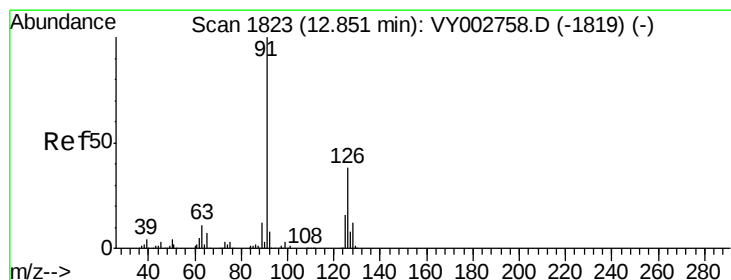
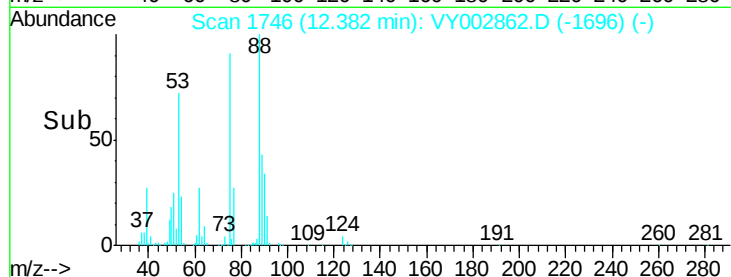
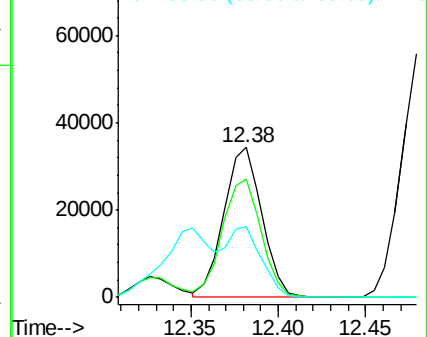
89 44.5 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 49.775 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002862.D

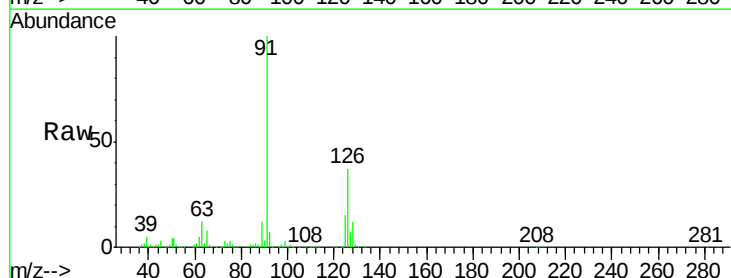
Acq: 09 Jun 2020 10:10

Tgt Ion: 91 Resp: 472475

Ion Ratio Lower Upper

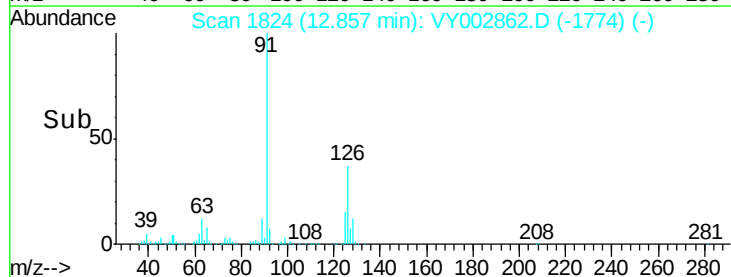
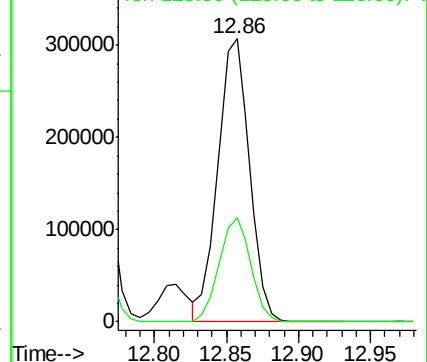
91 100

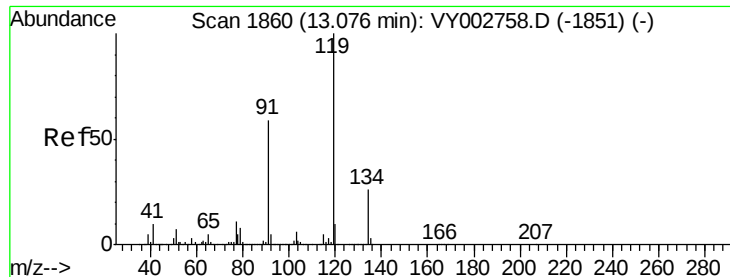
126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.626 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

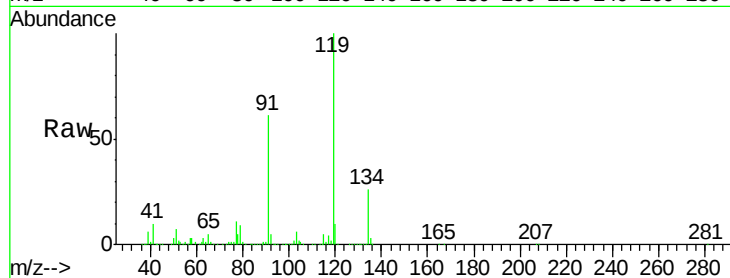
Tot Ion:119 Resp: 516801

Ion Ratio Lower Upper

119 100

91 59.8 29.8 89.4

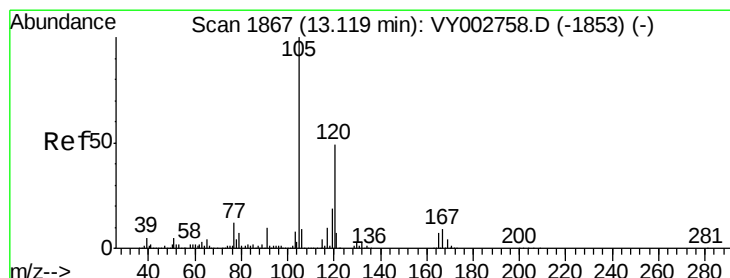
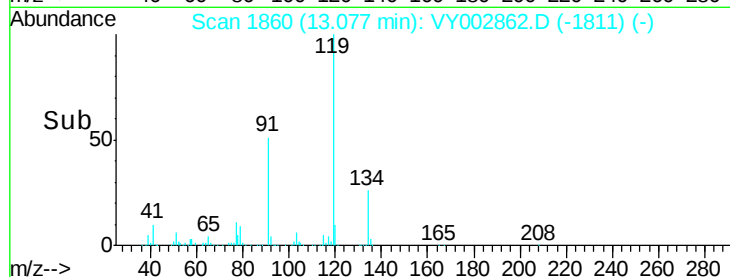
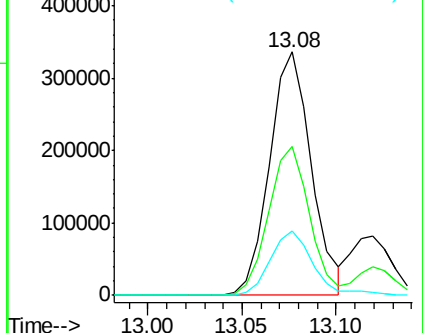
134 27.2 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.603 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002862.D

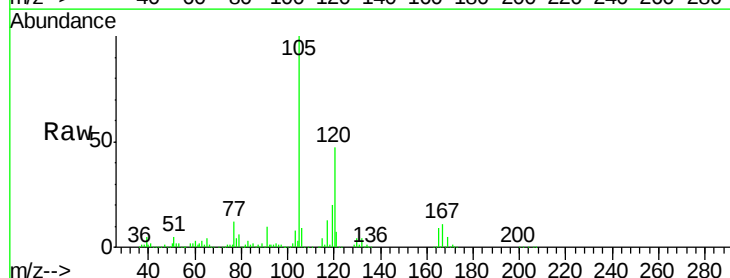
Acq: 09 Jun 2020 10:10

Tgt Ion:105 Resp: 582279

Ion Ratio Lower Upper

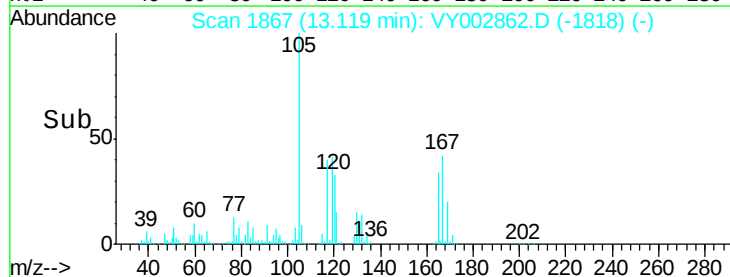
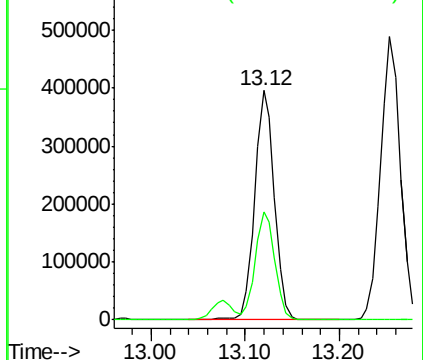
105 100

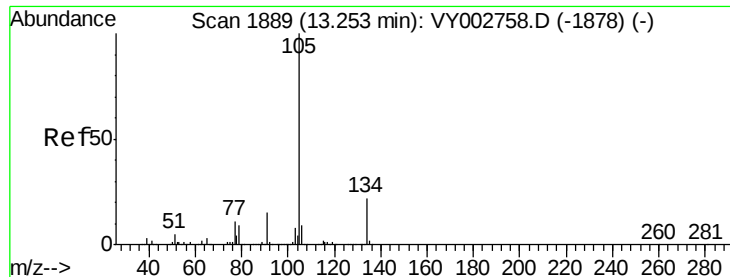
120 47.1 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.977 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :

MSVOA_Y

ClientSampled :

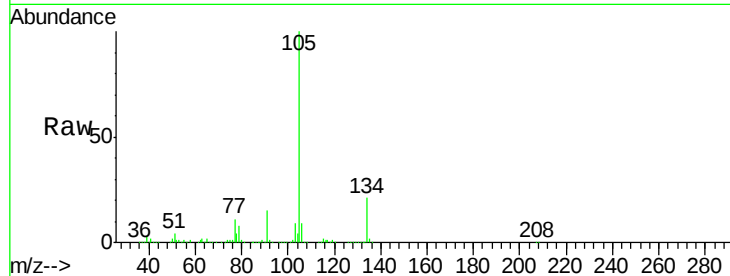
VSTDCCC050

Tot Ion:105 Resp: 711621

Ion Ratio Lower Upper

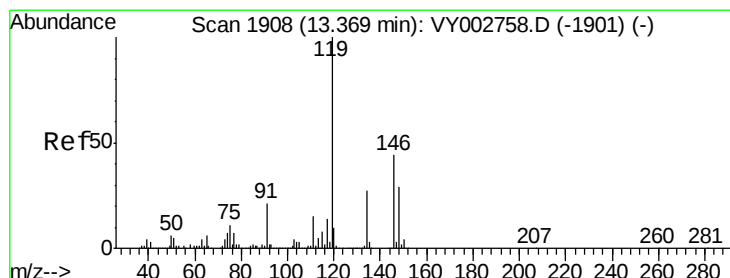
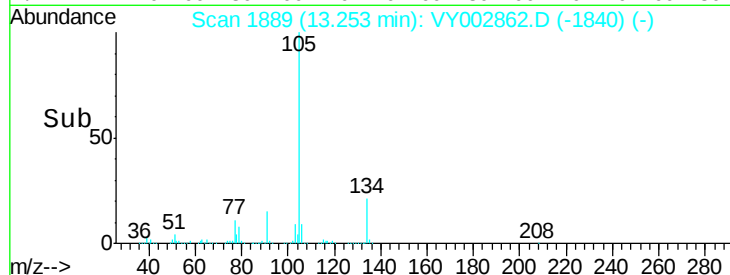
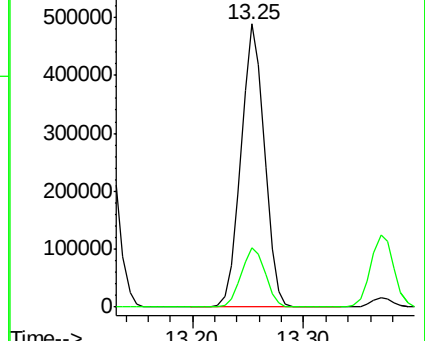
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.189 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

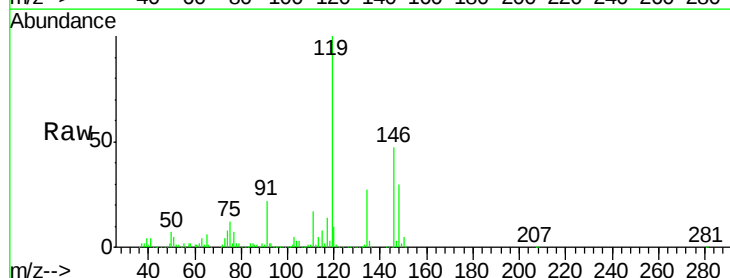
Tgt Ion:119 Resp: 664968

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

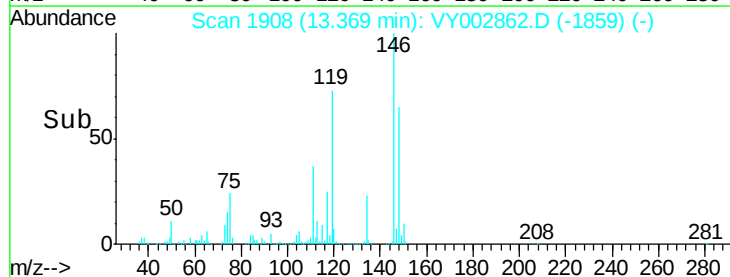
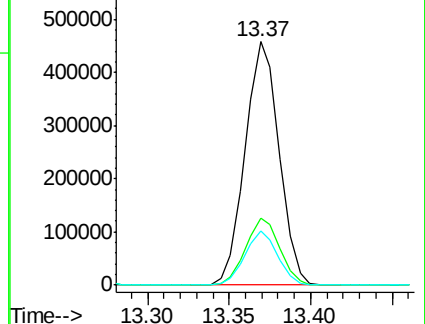
91 21.5 10.8 32.4

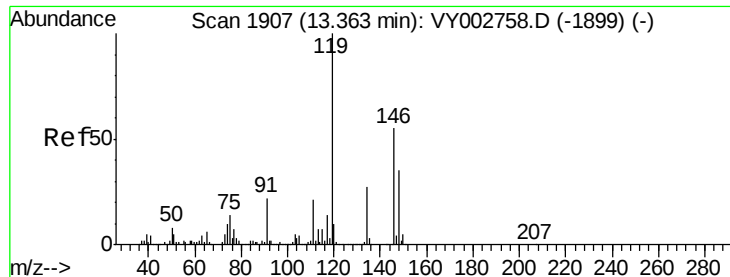


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 49.135 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

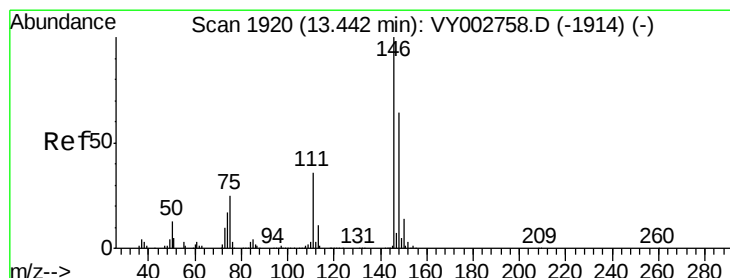
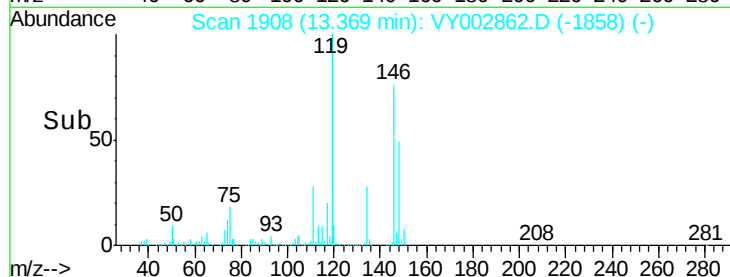
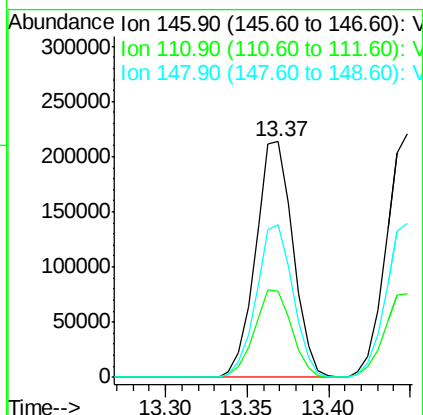
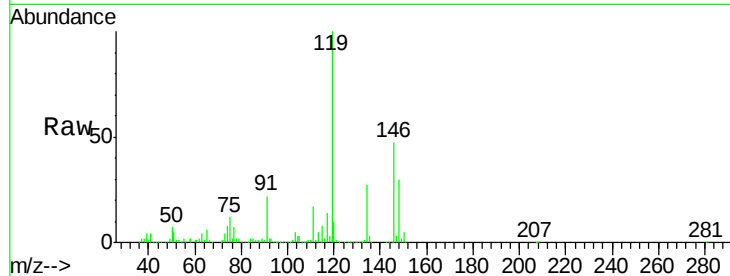
Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 338856

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.0
148	63.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 49.513 ug/l

RT: 13.45 min Scan# 1921

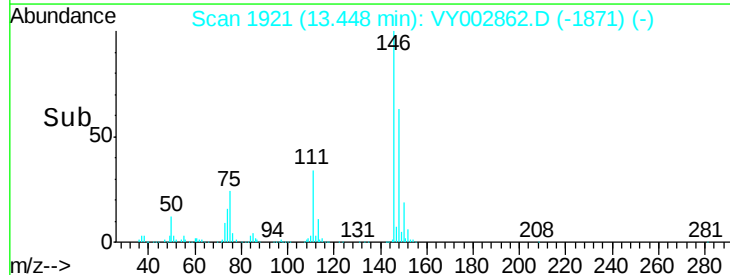
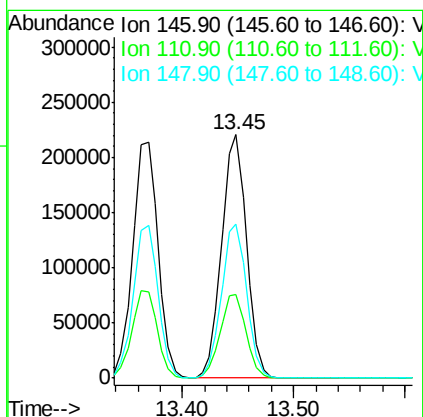
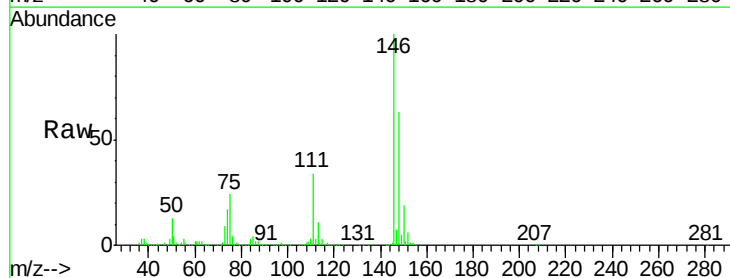
Delta R.T. 0.01 min

Lab File: VY002862.D

Acq: 09 Jun 2020 10:10

Tgt Ion:146 Resp: 341577

Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.3
148	64.0	32.1	96.3

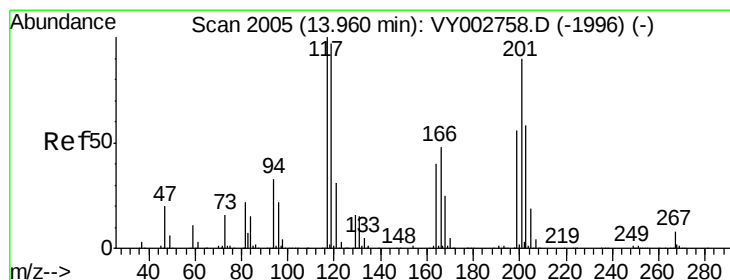
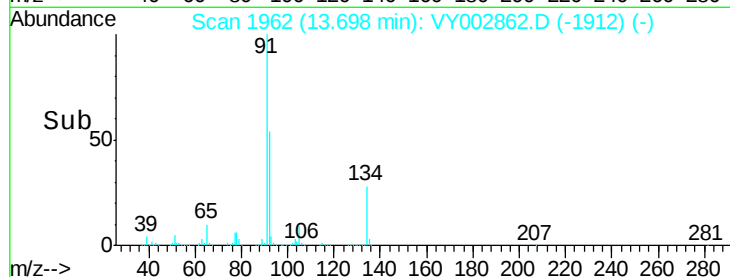
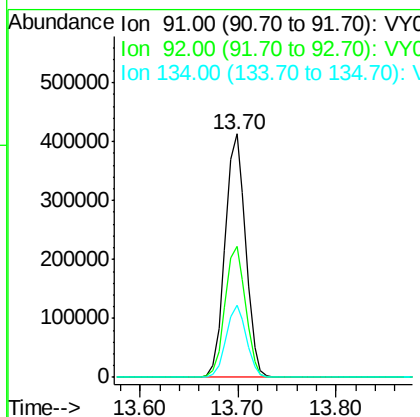
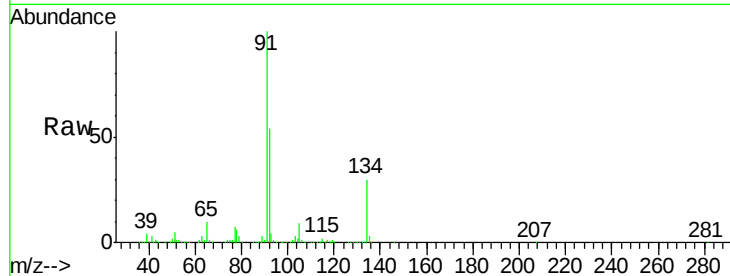




#89
n-Butylbenzene
Concen: 49.837 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

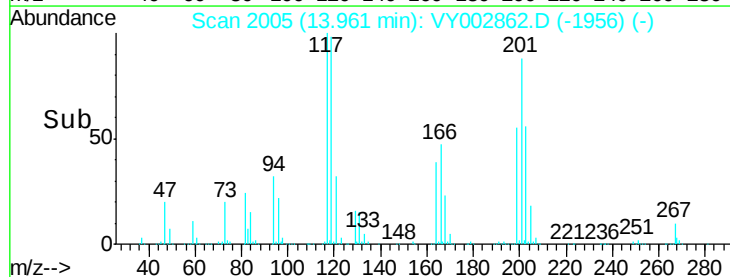
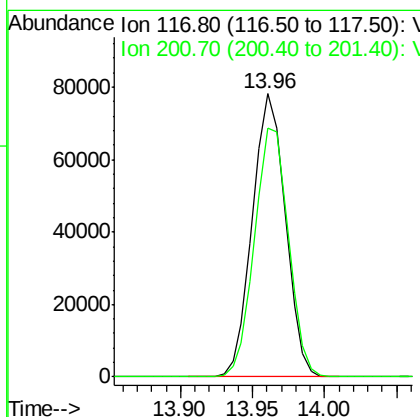
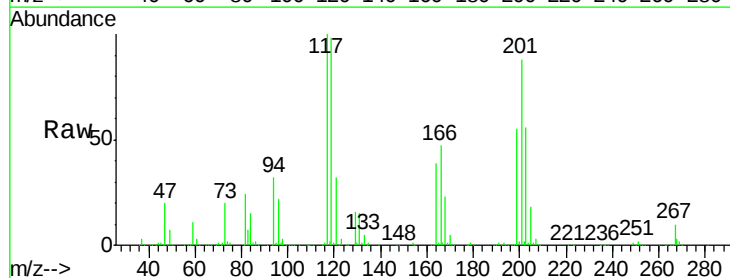
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 599488
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 29.1 14.3 42.9



#90
Hexachloroethane
Concen: 49.938 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion: 117 Resp: 123865
Ion Ratio Lower Upper
117 100
201 90.2 43.9 131.6

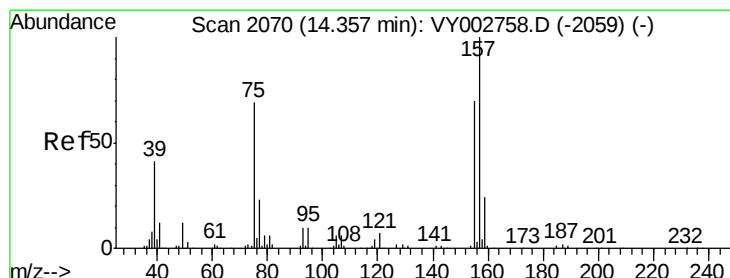
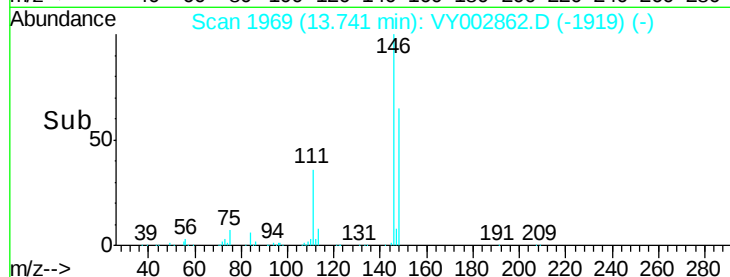
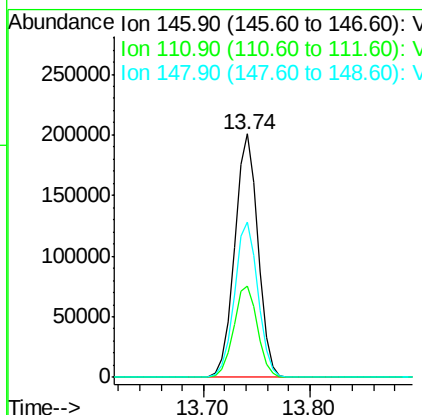
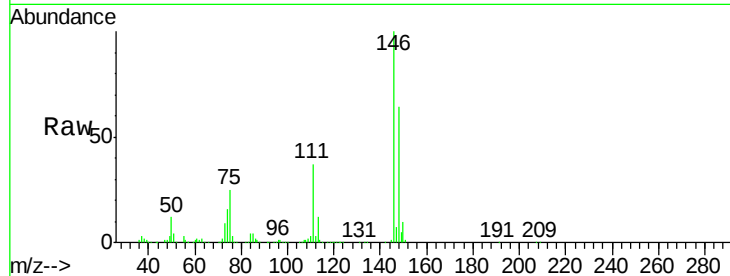




#91
 1,2-Dichlorobenzene
 Concen: 49.185 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

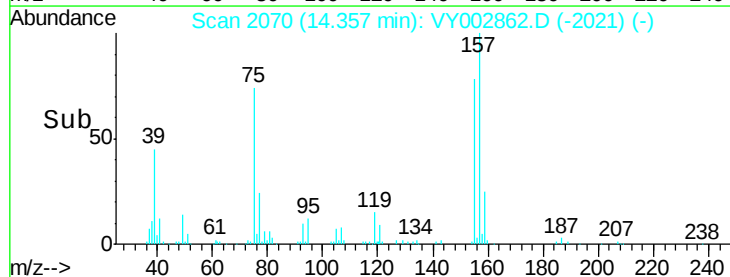
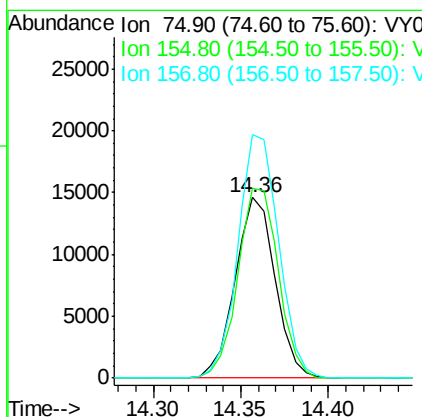
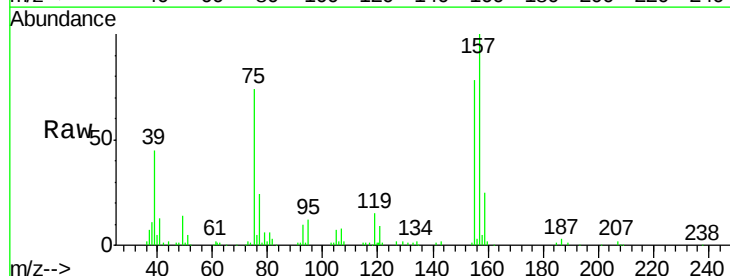
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

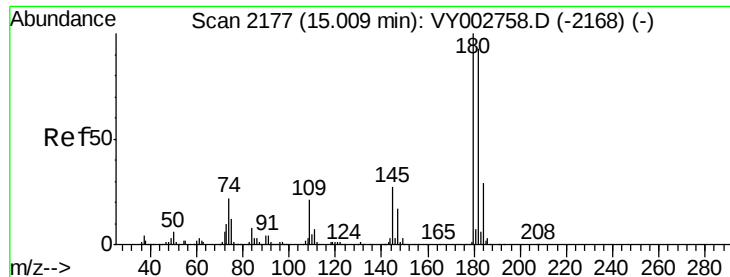
Tot Ion:146 Resp: 307622
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 64.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.234 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion: 75 Resp: 23238
 Ion Ratio Lower Upper
 75 100
 155 106.6 53.5 160.5
 157 136.7 69.9 209.7

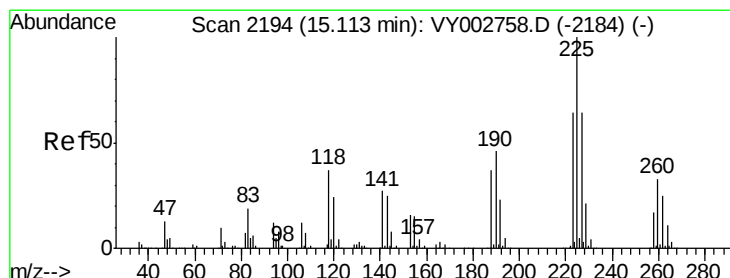
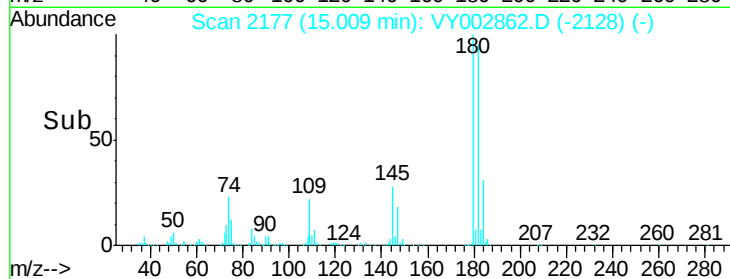
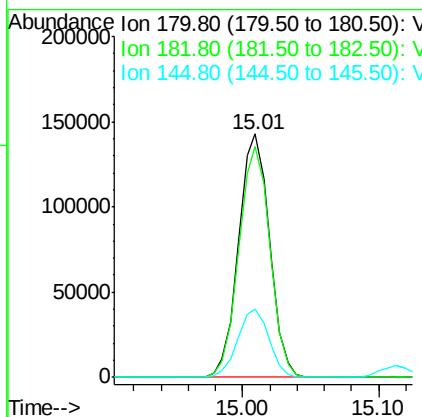
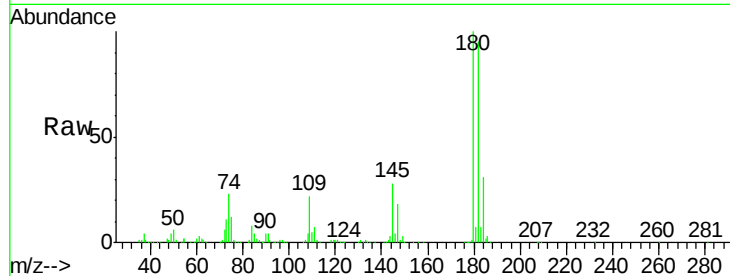




#93
 1,2,4-Trichlorobenzene
 Concen: 48.122 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

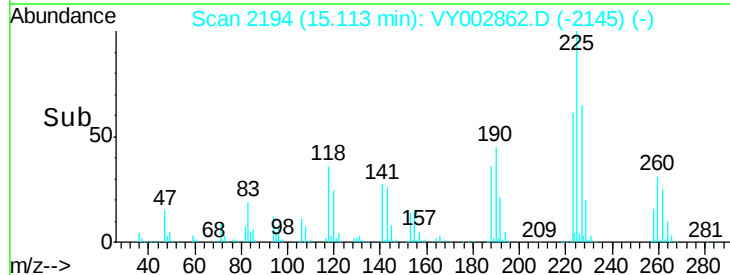
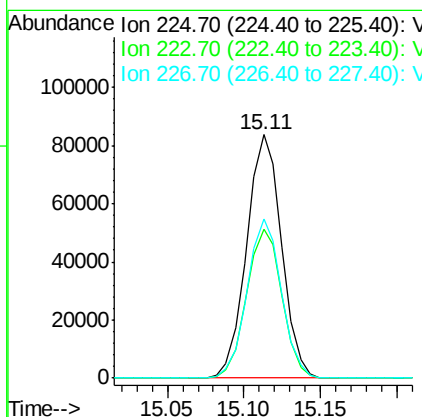
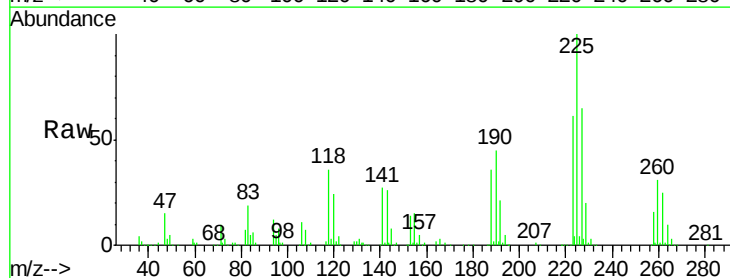
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

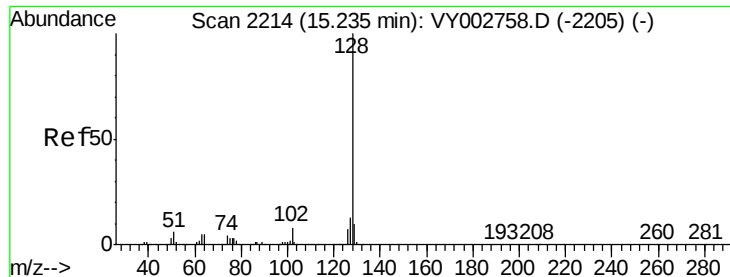
Tot Ion:180 Resp: 226858
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 141.9
 145 28.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 49.538 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002862.D
 Acq: 09 Jun 2020 10:10

Tgt Ion:225 Resp: 132454
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 95.0
 227 64.2 32.3 96.9

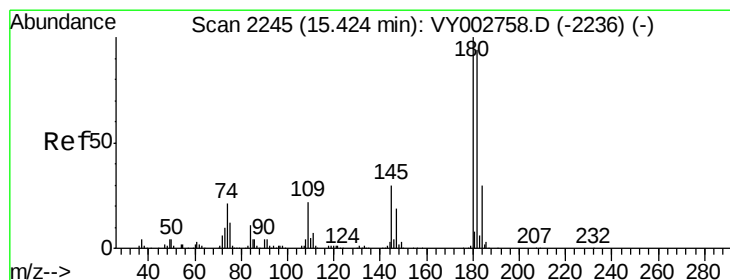
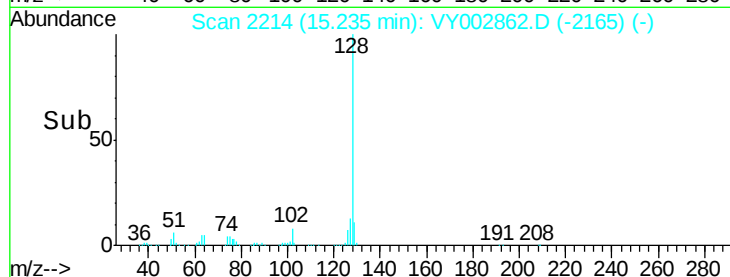
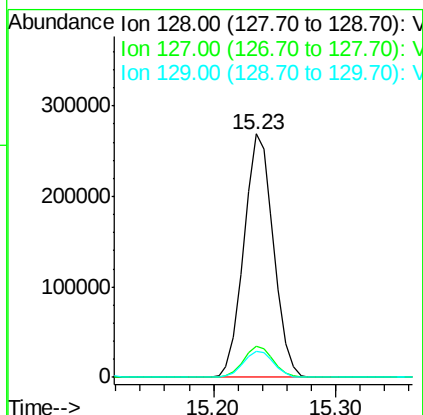
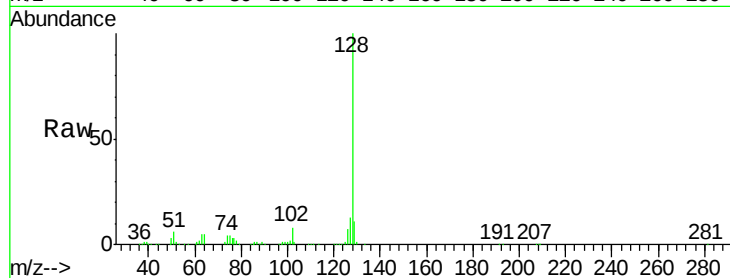




#95
Naphthalene
Concen: 47.609 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 450005
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.139 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002862.D
Acq: 09 Jun 2020 10:10

Tgt Ion:180 Resp: 202653
Ion Ratio Lower Upper
180 100
182 94.9 48.1 144.4
145 29.9 15.1 45.3

