

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002892.D
 Acq On : 15 Jun 2020 09:58
 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 16 01:56:10 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	280904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	406720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207886	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	118712	48.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.34%	
35) Dibromofluoromethane	7.72	113	124181	52.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.20%	
50) Toluene-d8	10.18	98	477774	49.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.48	95	170056	51.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	86775	44.895	ug/l	100
3) Chloromethane	2.12	50	95505	44.672	ug/l	97
4) Vinyl Chloride	2.26	62	108013	47.799	ug/l	99
5) Bromomethane	2.66	94	74784	44.162	ug/l	97
6) Chloroethane	2.80	64	66841	45.629	ug/l	95
7) Trichlorofluoromethane	3.13	101	188701	47.150	ug/l	98
8) Diethyl Ether	3.54	74	67696	43.319	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	113523	47.774	ug/l	98
10) Methyl Iodide	4.10	142	154460	46.454	ug/l	98
11) Tert butyl alcohol	4.98	59	56376	213.176	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	110180	46.106	ug/l	97
13) Acrolein	3.74	56	55816	195.280	ug/l	99
14) Allyl chloride	4.49	41	158426	46.224	ug/l	97
15) Acrylonitrile	5.18	53	163328	231.671	ug/l	99
16) Acetone	3.96	43	168208	294.110	ug/l	100
17) Carbon Disulfide	4.20	76	297184	41.154	ug/l	98
18) Methyl Acetate	4.49	43	67960	47.304	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	317073	48.062	ug/l	99
20) Methylene Chloride	4.72	84	127059	45.460	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	122089	45.429	ug/l	97
22) Diisopropyl ether	6.13	45	335640	47.126	ug/l	96
23) Vinyl Acetate	6.07	43	1121226	238.442	ug/l	100
24) 1,1-Dichloroethane	6.03	63	198149	47.559	ug/l	99
25) 2-Butanone	7.00	43	219608	246.459	ug/l	98
26) 2,2-Dichloropropane	6.99	77	190246	47.612	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	140109	46.571	ug/l	98
28) Bromochloromethane	7.34	49	83450	48.791	ug/l	96
29) Tetrahydrofuran	7.35	42	129867	224.065	ug/l	97
30) Chloroform	7.52	83	213989	48.402	ug/l	95
31) Cyclohexane	7.78	56	176809	42.742	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	199248	48.363	ug/l	99
36) 1,1-Dichloropropene	7.93	75	159637	46.594	ug/l	99
37) Ethyl Acetate	7.08	43	88165	47.297	ug/l	98
38) Carbon Tetrachloride	7.91	117	188509	49.529	ug/l	98

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

39) Methylcyclohexane	9.19	83	207905	46.038	ug/l	97
40) Benzene	8.16	78	481346	47.548	ug/l	100
41) Methacrylonitrile	7.35	41	120861	120.690	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	135317	47.695	ug/l	99
43) Isopropyl Acetate	8.28	43	167672	47.467	ug/l	99
44) Trichloroethene	8.94	130	151162	47.272	ug/l	98
45) 1,2-Dichloropropane	9.22	63	116321	47.914	ug/l	99
46) Dibromomethane	9.31	93	69318	48.078	ug/l	100
47) Bromodichloromethane	9.50	83	169405	49.840	ug/l	99
48) Methyl methacrylate	9.30	41	75307	47.225	ug/l	99
49) 1,4-Dioxane	9.31	88	19467	879.341	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	447962	239.488	ug/l	99
52) Toluene	10.24	92	319646	48.266	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	184170	49.608	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	205255	48.792	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	107762	48.820	ug/l	95
56) Ethyl methacrylate	10.51	69	145662	49.268	ug/l	99
57) 1,3-Dichloropropane	10.79	76	173084	47.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	378091	261.721	ug/l	99
59) 2-Hexanone	10.83	43	331656	249.898	ug/l	99
60) Dibromochloromethane	10.99	129	141052	50.403	ug/l	100
61) 1,2-Dibromoethane	11.09	107	104591	48.034	ug/l	100
64) Tetrachloroethene	10.72	164	157987	46.039	ug/l	98
65) Chlorobenzene	11.52	112	361176	48.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	140820	50.103	ug/l	99
67) Ethyl Benzene	11.60	91	628315	48.565	ug/l	98
68) m/p-Xylenes	11.70	106	489440	97.574	ug/l	100
69) o-Xylene	12.03	106	231070	48.796	ug/l	99
70) Styrene	12.04	104	406075	49.467	ug/l	99
71) Bromoform	12.20	173	95016	50.523	ug/l #	100
73) Isopropylbenzene	12.33	105	638391	47.919	ug/l	100
74) N-amyl acetate	12.14	43	161347	47.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	116328	49.767	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	166988	89.146	ug/l #	100
77) Bromobenzene	12.61	156	166219	47.917	ug/l	98
78) n-propylbenzene	12.67	91	744260	48.364	ug/l	100
79) 2-Chlorotoluene	12.75	91	412246	47.756	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	538590	48.419	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	48039	48.316	ug/l	98
82) 4-Chlorotoluene	12.85	91	432991	47.875	ug/l	100
83) tert-Butylbenzene	13.08	119	482330	48.611	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	539351	48.222	ug/l	99
85) sec-Butylbenzene	13.25	105	656672	48.403	ug/l	100
86) p-Isopropyltoluene	13.37	119	613089	48.566	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	315546	48.022	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	314640	47.868	ug/l	100
89) n-Butylbenzene	13.69	91	557617	48.653	ug/l	100
90) Hexachloroethane	13.96	117	115655	48.938	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	287800	48.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21469	47.740	ug/l	97

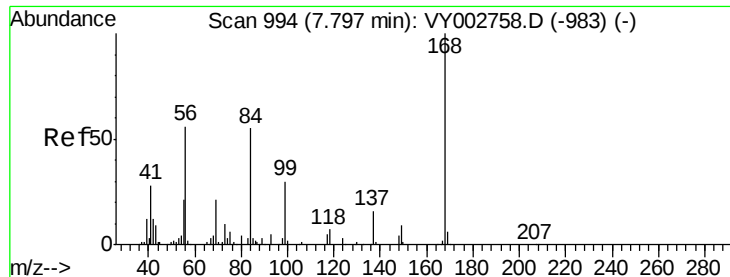
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	213252	47.477	ug/l	99
94) Hexachlorobutadiene	15.11	225	125972	49.448	ug/l	99
95) Naphthalene	15.23	128	420873	46.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	190931	47.602	ug/l	98

(#) = 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: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

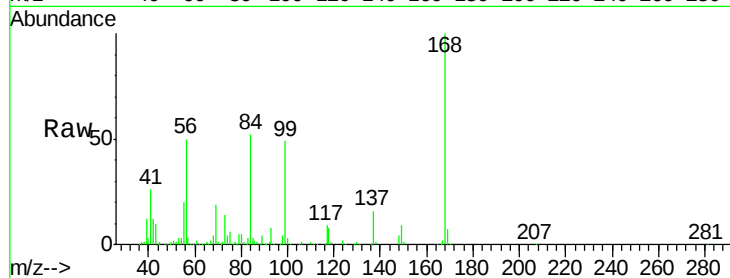
VSTDCCC050

Tot Ion:168 Resp: 280904

Ion Ratio Lower Upper

168 100

99 49.5 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

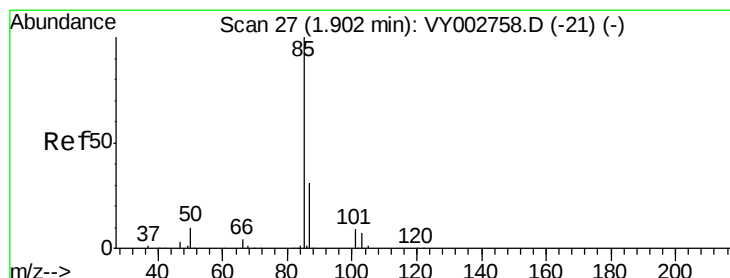
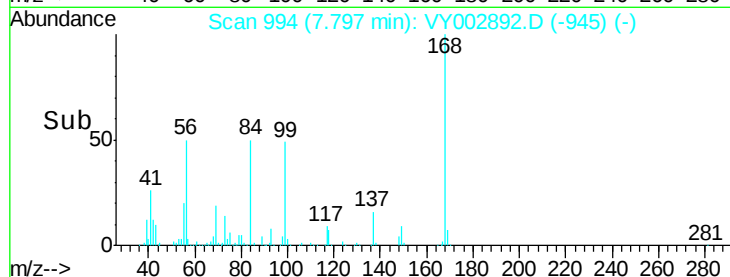
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.895 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002892.D

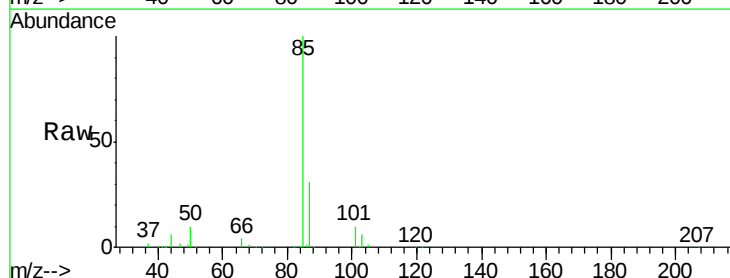
Acq: 15 Jun 2020 09:58

Tgt Ion: 85 Resp: 86775

Ion Ratio Lower Upper

85 100

87 31.0 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

60000

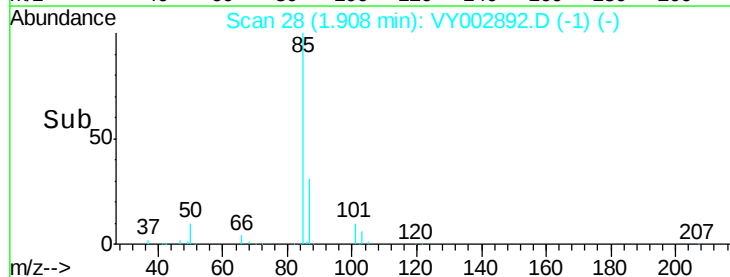
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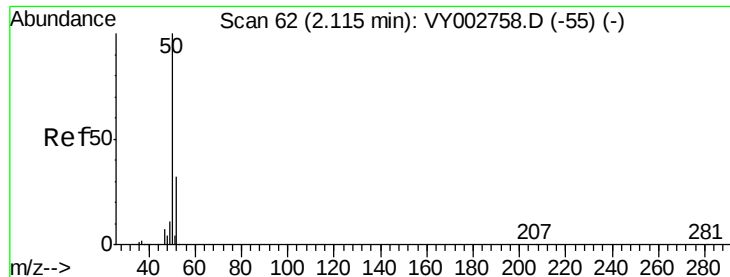
20000

0

1.80 1.90 2.00

Time-->

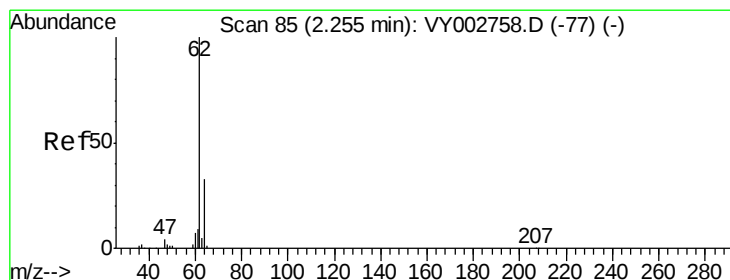
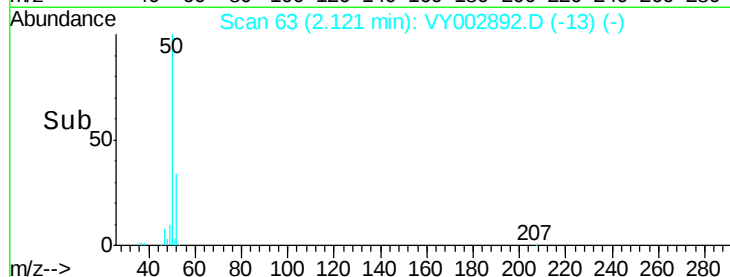
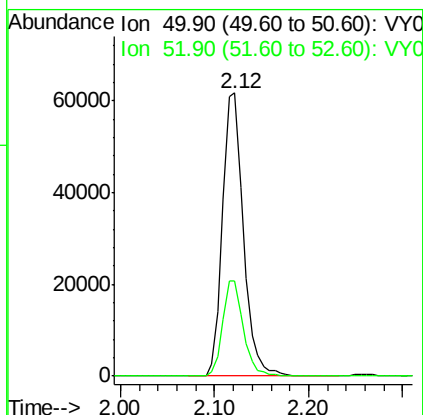
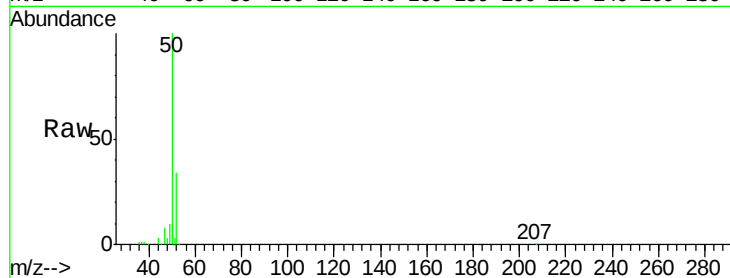




#3
Chloromethane
Concen: 44.672 ug/l
RT: 2.12 min Scan# 63
Delta R.T. 0.01 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

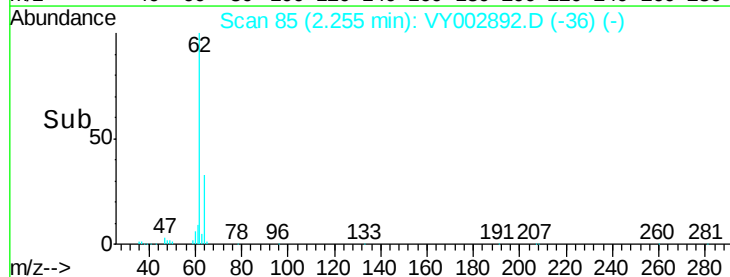
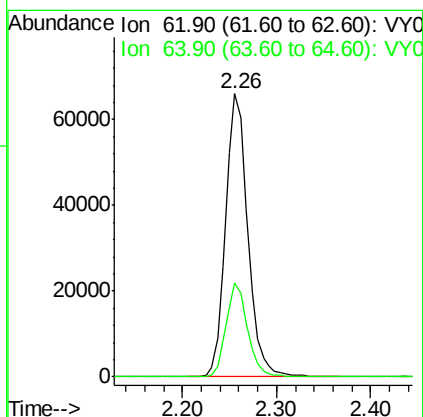
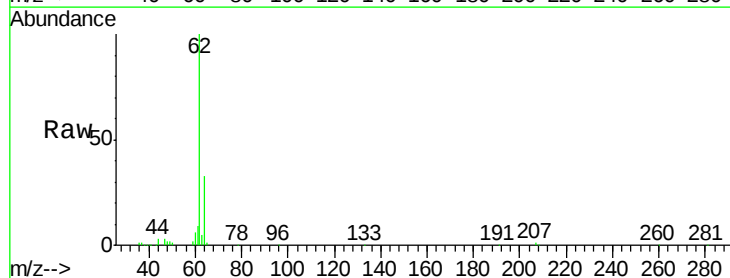
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

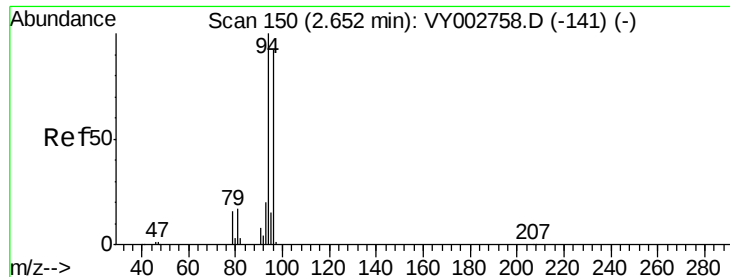
Tot Ion: 50 Resp: 95505
Ion Ratio Lower Upper
50 100
52 33.6 25.8 38.6



#4
Vinyl Chloride
Concen: 47.799 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion: 62 Resp: 108013
Ion Ratio Lower Upper
62 100
64 33.0 26.1 39.1





#5

Bromomethane

Concen: 44.162 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

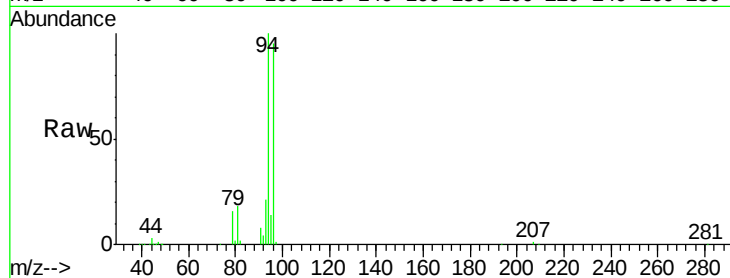
VSTDCCC050

Tot Ion: 94 Resp: 74784

Ion Ratio Lower Upper

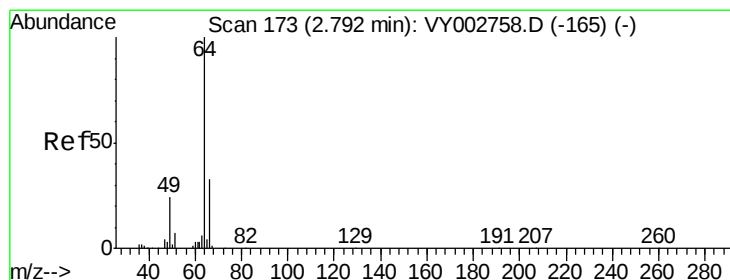
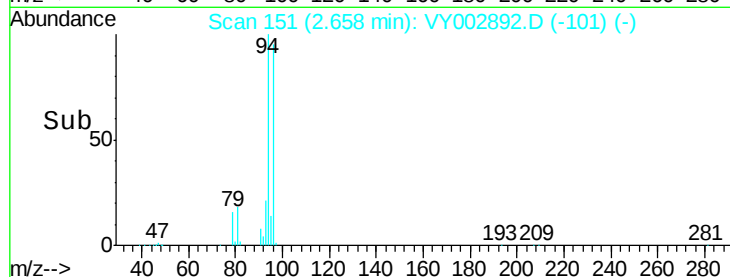
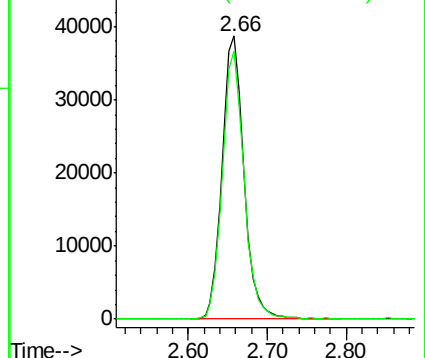
94 100

96 94.9 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: 45.629 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002892.D

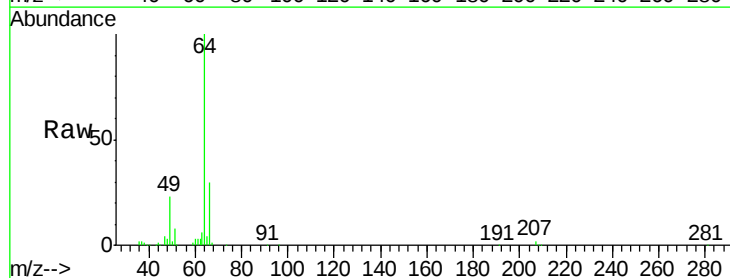
Acq: 15 Jun 2020 09:58

Tgt Ion: 64 Resp: 66841

Ion Ratio Lower Upper

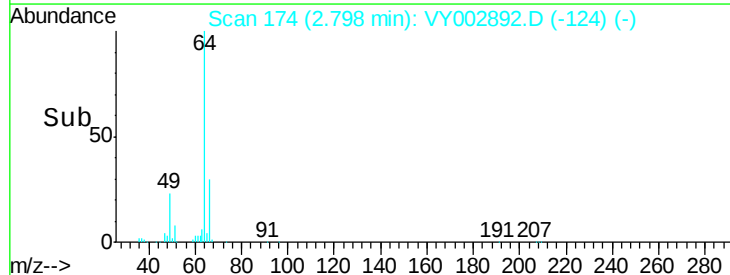
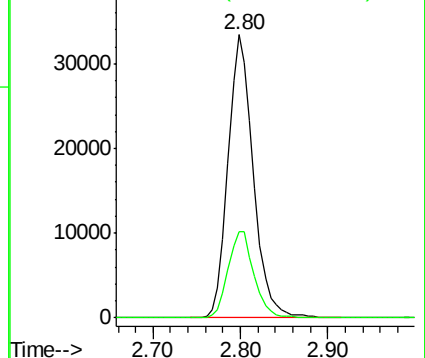
64 100

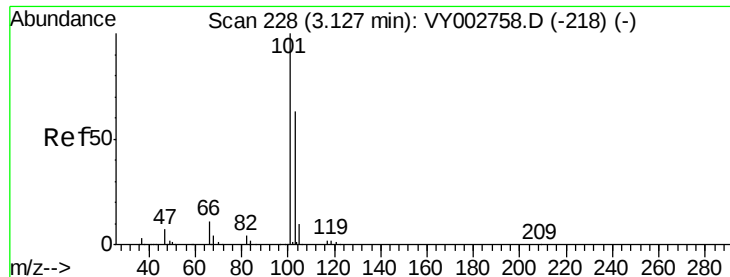
66 30.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



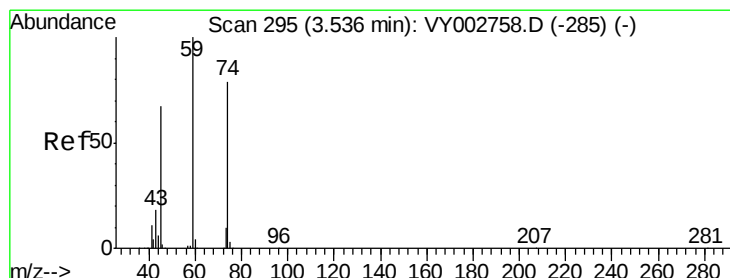
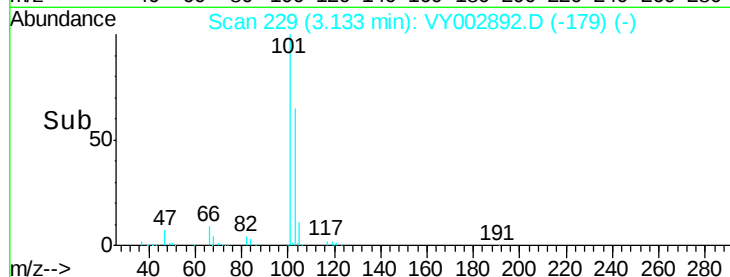
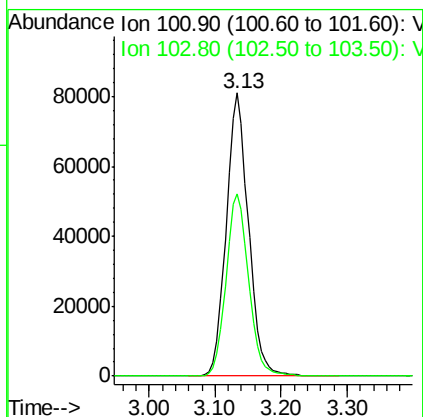
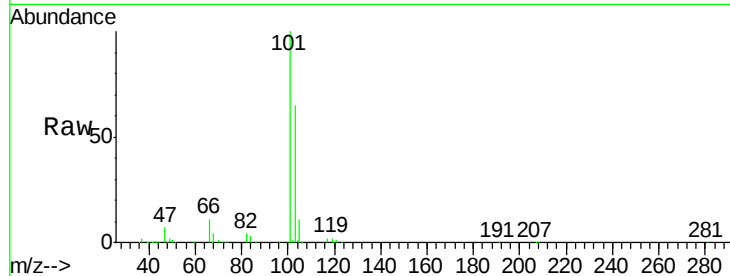


#7

Trichlorofluoromethane
 Concen: 47.150 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Instrument :
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 ClientSampleId :
 VSTDCCC050

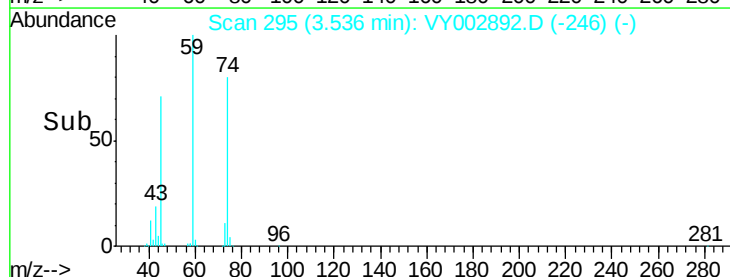
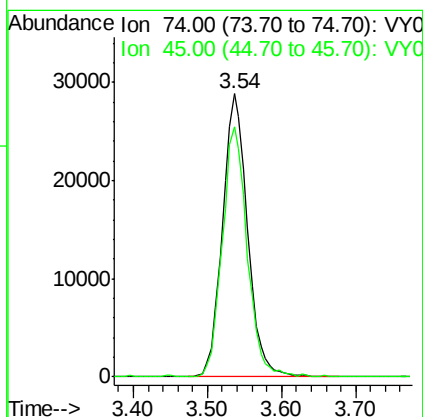
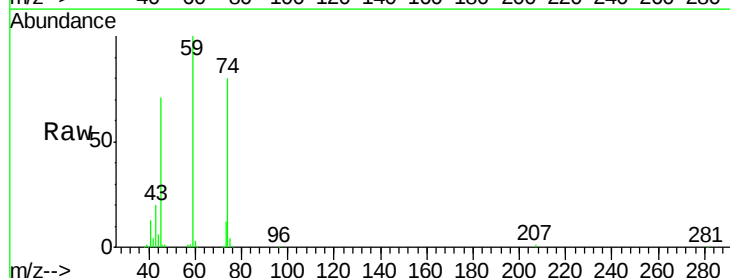
Tot Ion:101 Resp: 188701
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0

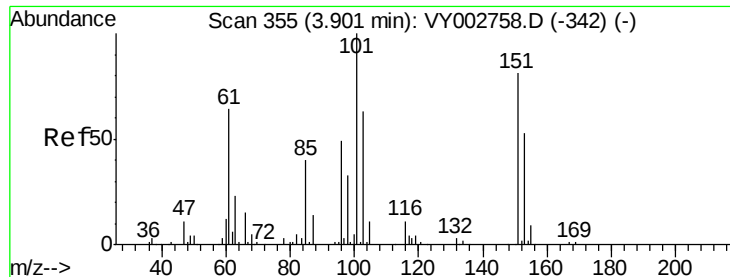


#8

Diethyl Ether
 Concen: 43.319 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion: 74 Resp: 67696
 Ion Ratio Lower Upper
 74 100
 45 88.0 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.774 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

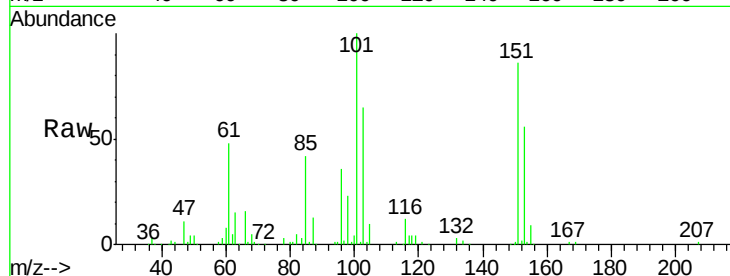
Tot Ion:101 Resp: 113523

Ion Ratio Lower Upper

101 100

85 41.8 32.7 49.1

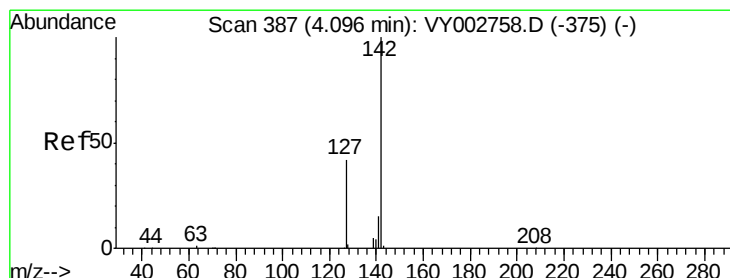
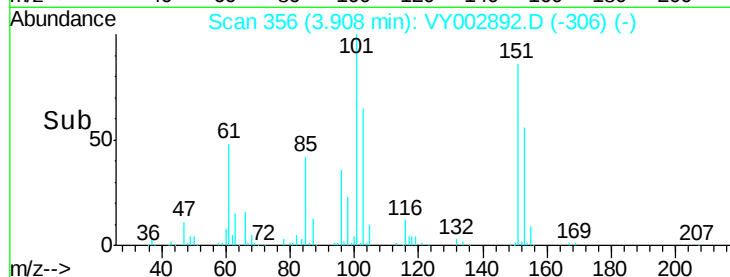
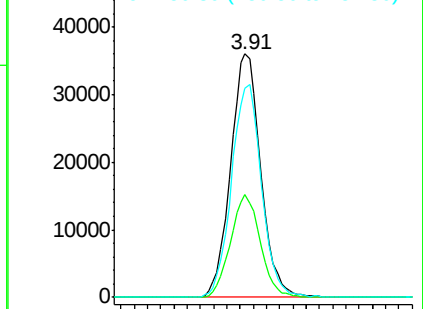
151 87.6 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.454 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

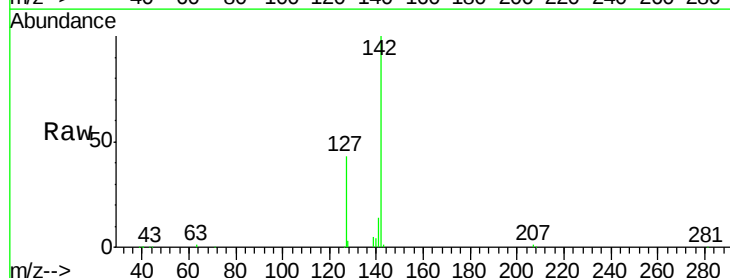
Tgt Ion:142 Resp: 154460

Ion Ratio Lower Upper

142 100

127 42.9 33.3 49.9

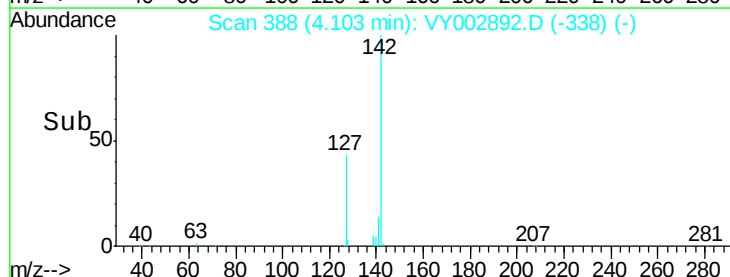
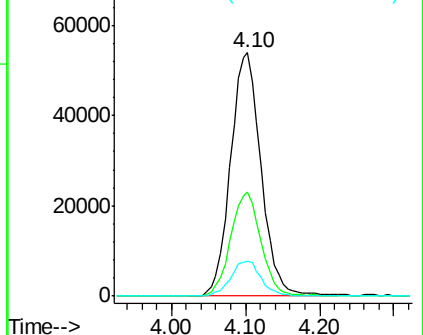
141 14.5 11.5 17.3

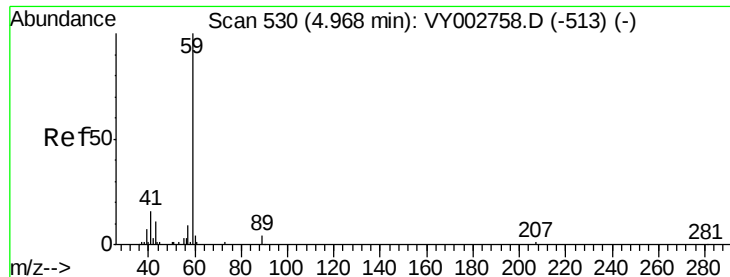


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



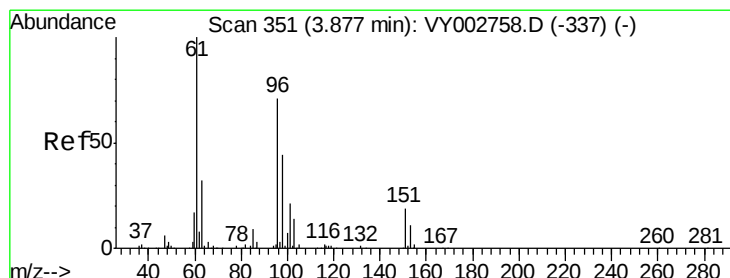
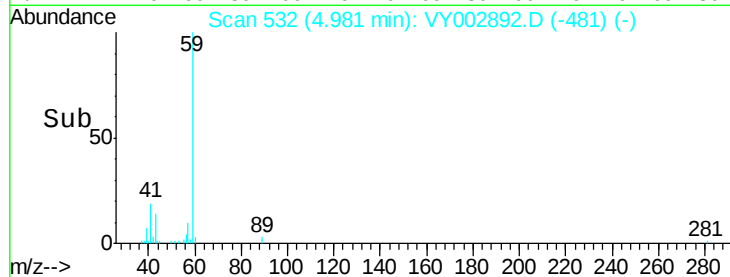
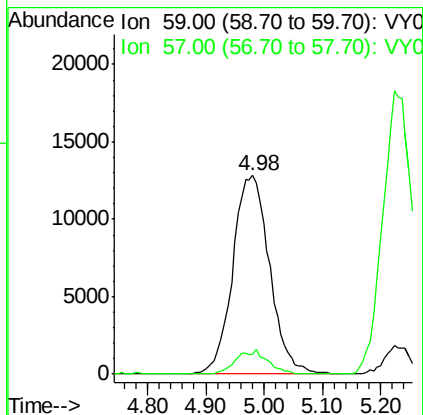
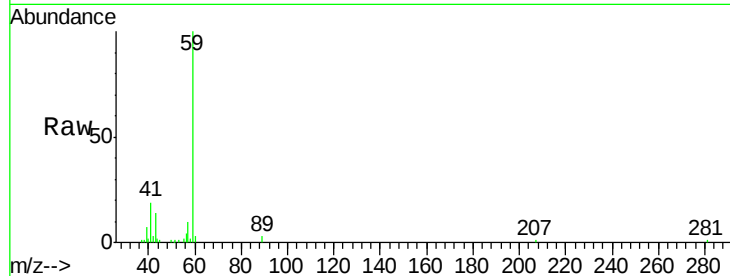


#11

Tert butyl alcohol
 Concen: 213.176 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

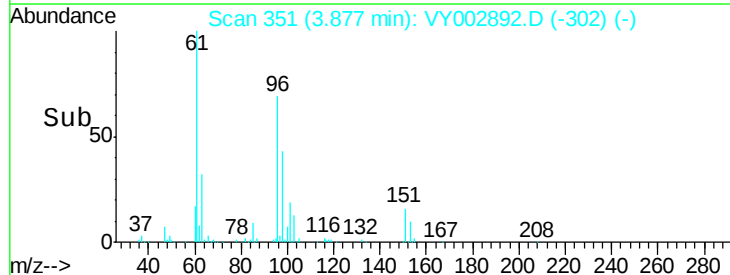
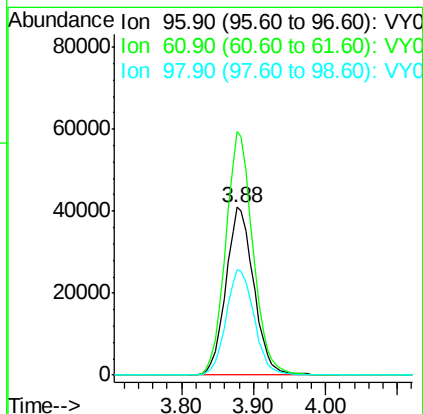
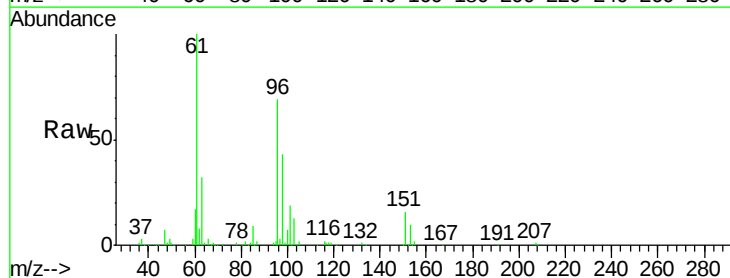
Tot Ion: 59 Resp: 56376
 Ion Ratio Lower Upper
 59 100
 57 4.9 7.7 11.5#

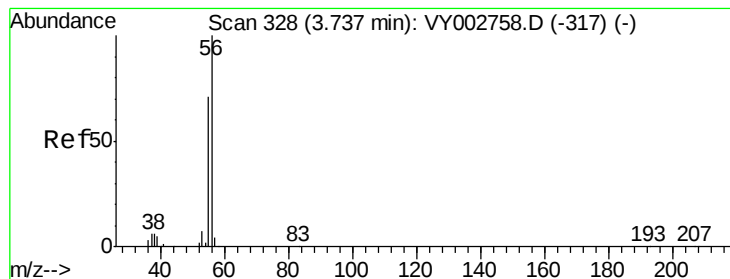


#12

1,1-Dichloroethene
 Concen: 46.106 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion: 96 Resp: 110180
 Ion Ratio Lower Upper
 96 100
 61 145.3 112.6 168.8
 98 62.9 50.0 75.0





#13

Acrolein

Concen: 195.280 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

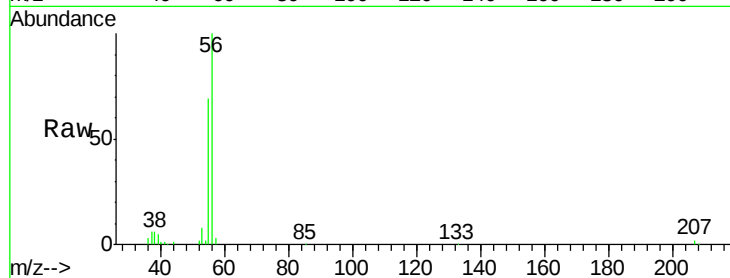
VSTDCCC050

Tot Ion: 56 Resp: 55816

Ion Ratio Lower Upper

56 100

55 69.5 56.0 84.0

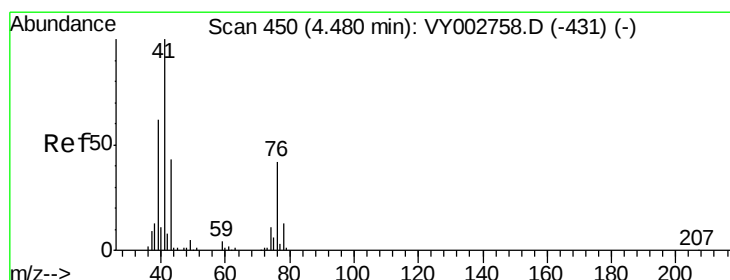
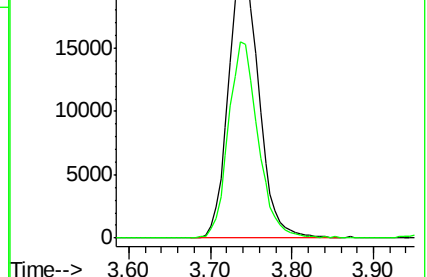
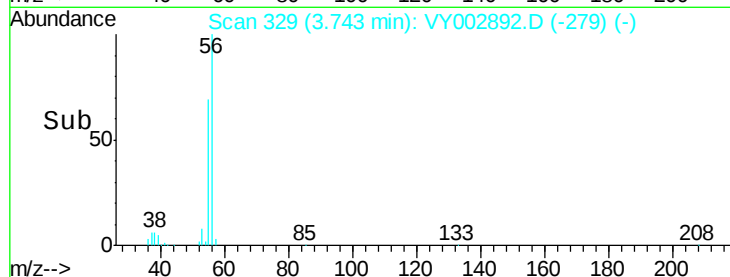


Abundance Ion 56.00 (55.70 to 56.70): VY002892.D (-317) (-)

Ion 55.00 (54.70 to 55.70): VY002892.D (-317) (-)

3.74

Time-->



#14

Allyl chloride

Concen: 46.224 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

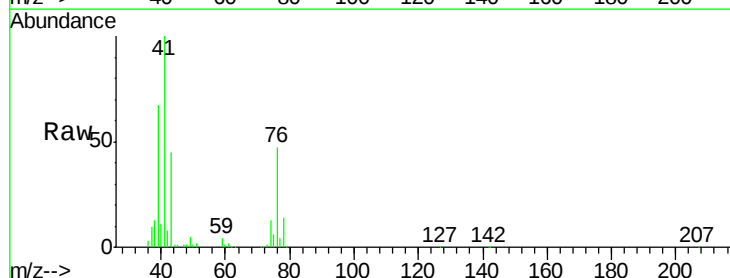
Tgt Ion: 41 Resp: 158426

Ion Ratio Lower Upper

41 100

39 64.5 49.9 74.9

76 43.2 33.2 49.8



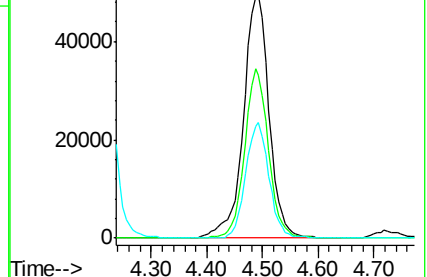
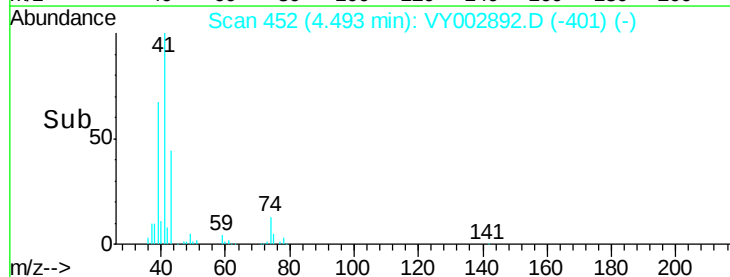
Abundance Ion 41.00 (40.70 to 41.70): VY002892.D (-431) (-)

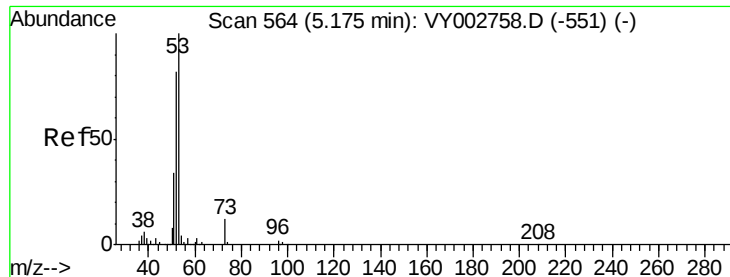
Ion 39.00 (38.70 to 39.70): VY002892.D (-431) (-)

Ion 75.90 (75.60 to 76.60): VY002892.D (-431) (-)

4.49

Time-->





#15

Acrylonitrile

Concen: 231.671 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

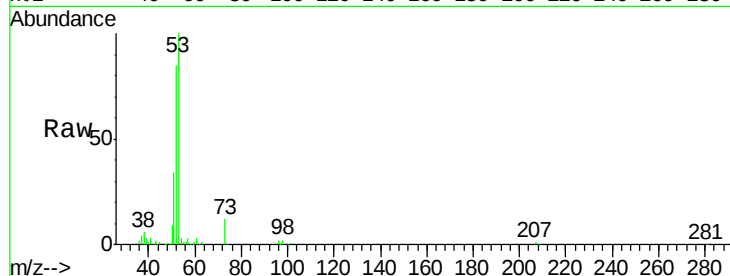
Tot Ion: 53 Resp: 163328

Ion Ratio Lower Upper

53 100

52 81.3 65.3 97.9

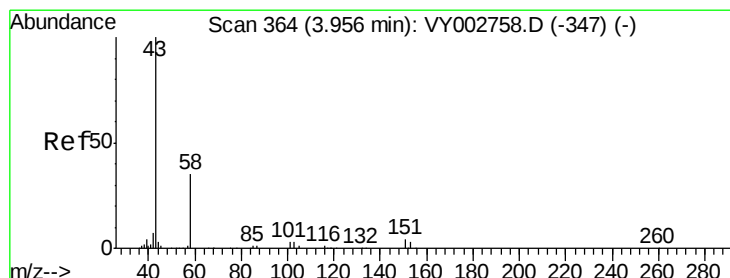
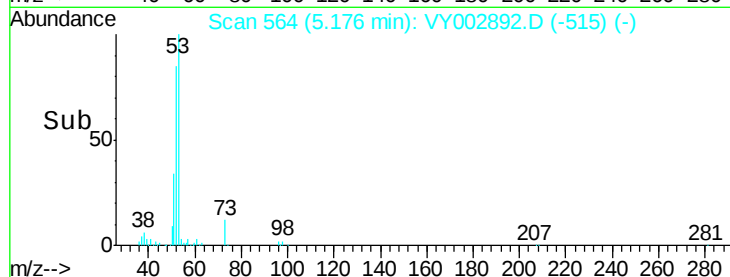
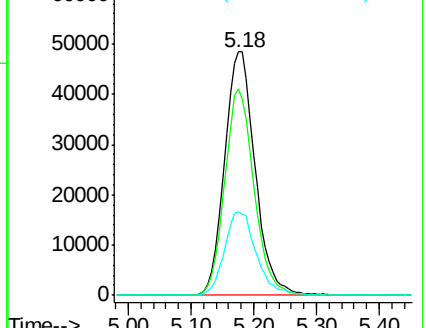
51 35.8 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 294.110 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002892.D

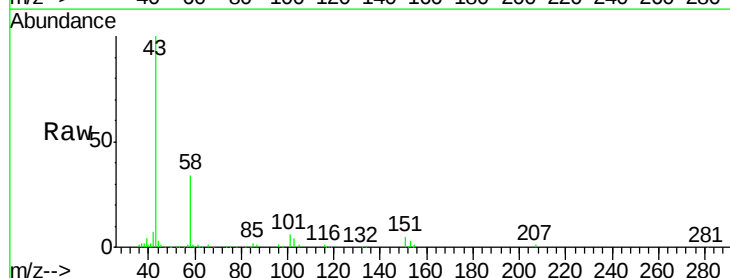
Acq: 15 Jun 2020 09:58

Tgt Ion: 43 Resp: 168208

Ion Ratio Lower Upper

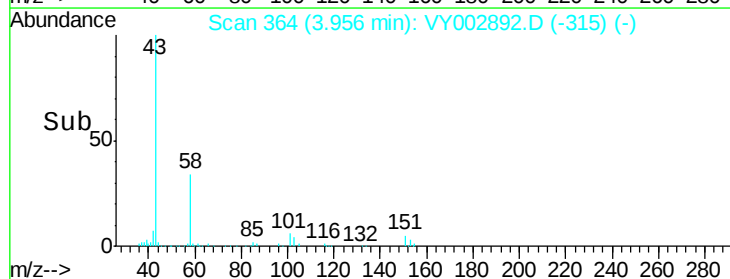
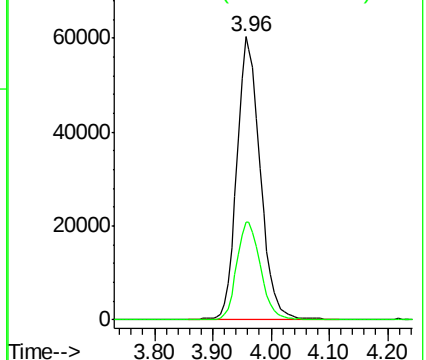
43 100

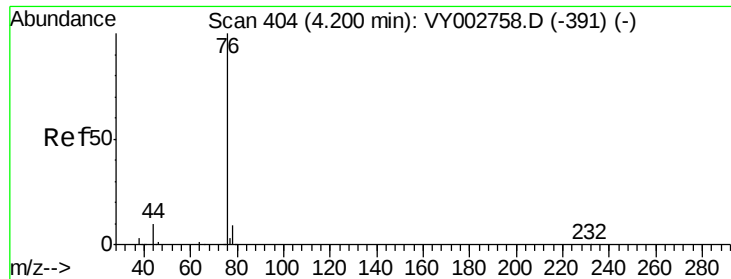
58 34.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

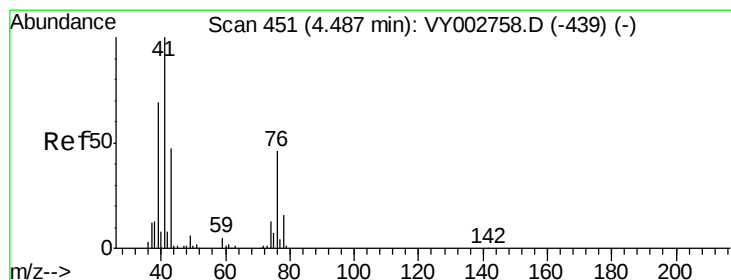
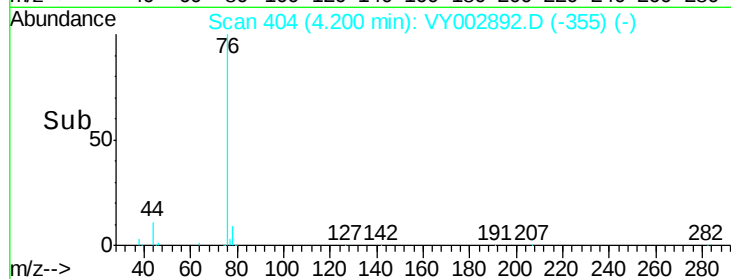
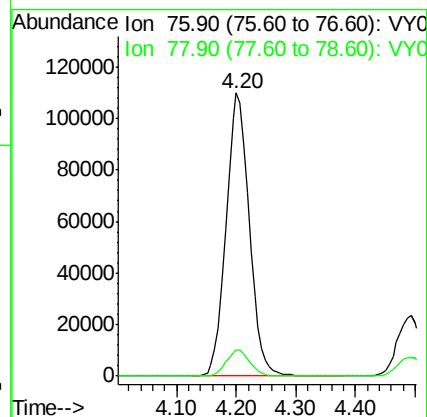
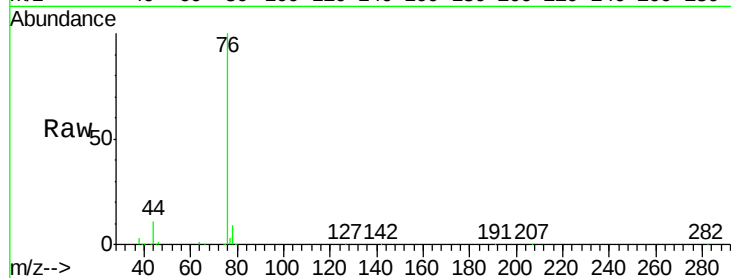




#17
Carbon Disulfide
Concen: 41.154 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

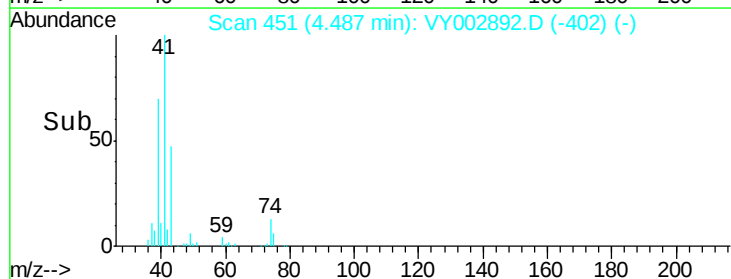
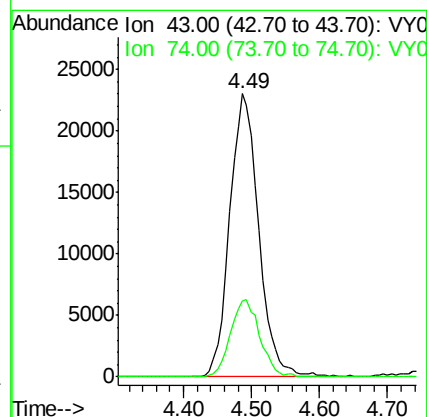
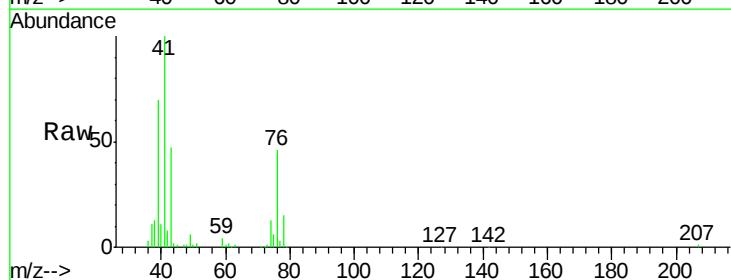
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

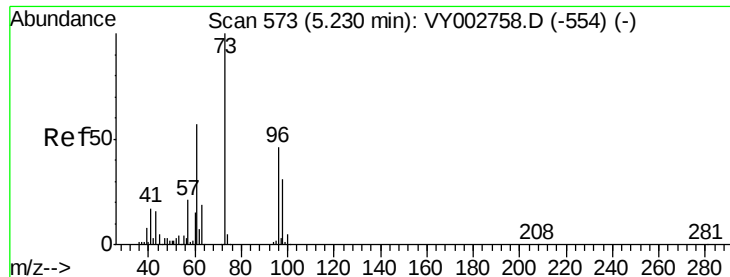
Tot Ion: 76 Resp: 297184
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 47.304 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion: 43 Resp: 67960
Ion Ratio Lower Upper
43 100
74 27.6 21.4 32.0

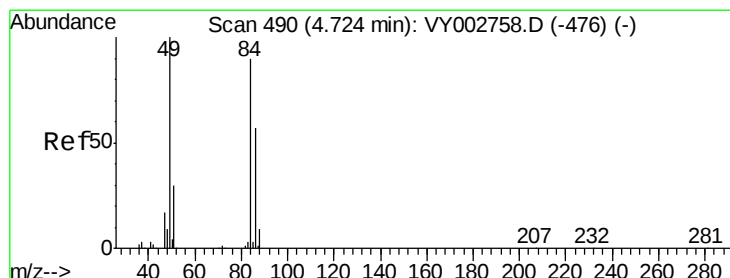
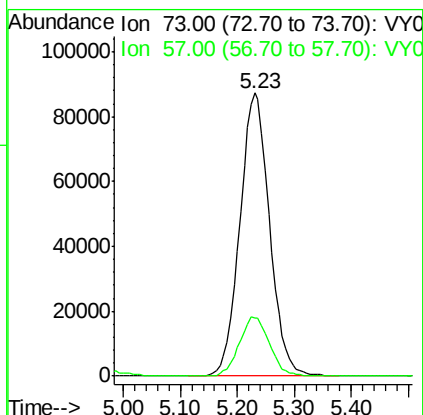
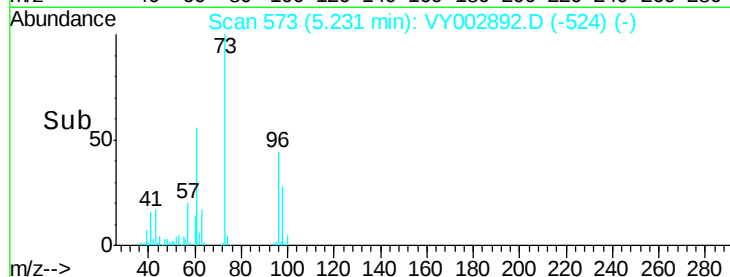
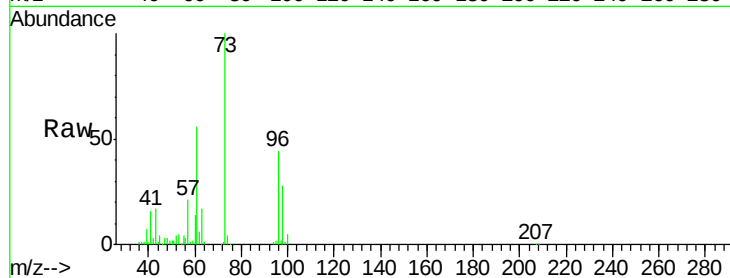




#19
Methvl tert-butvl Ether
Concen: 48.062 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

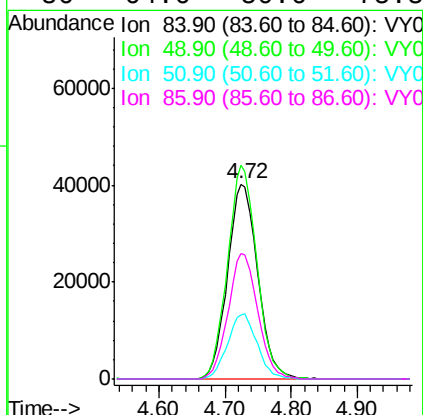
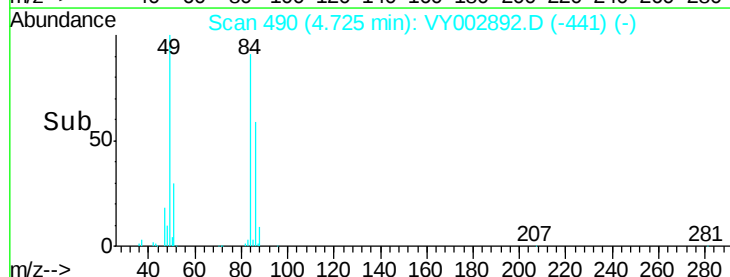
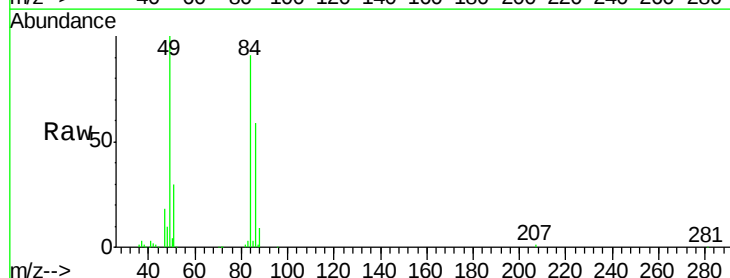
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

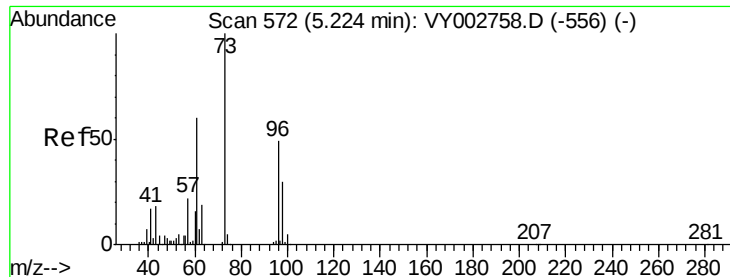
Tot Ion: 73 Resp: 317073
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.4



#20
Methylene Chloride
Concen: 45.460 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion: 84 Resp: 127059
Ion Ratio Lower Upper
84 100
49 109.5 88.5 132.7
51 33.0 26.8 40.2
86 64.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 45.429 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

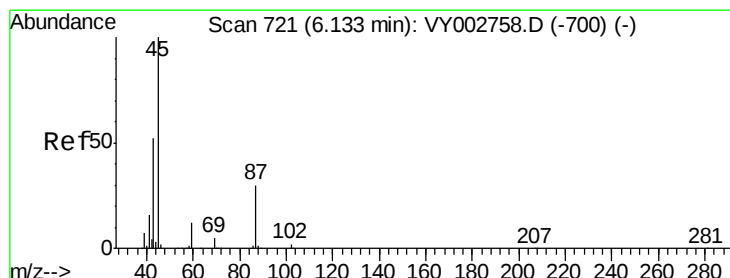
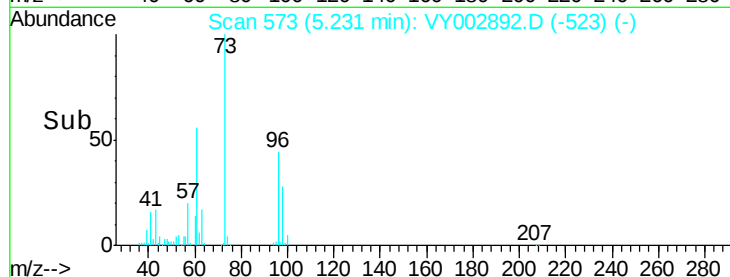
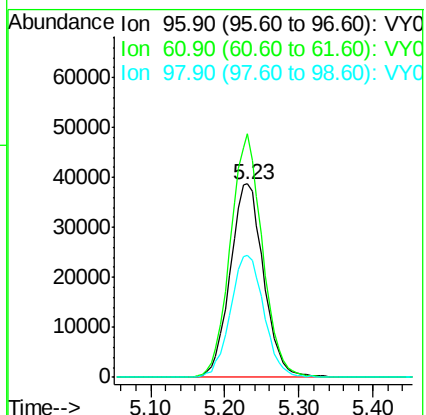
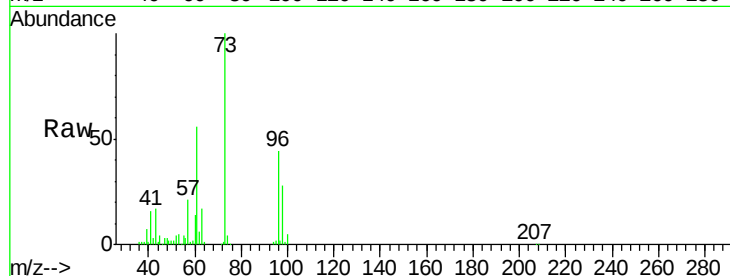
Tot Ion: 96 Resp: 122089

Ion Ratio Lower Upper

96 100

61 125.9 96.8 145.2

98 62.9 49.4 74.0



#22

Diisopropyl ether

Concen: 47.126 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Tgt Ion: 45 Resp: 335640

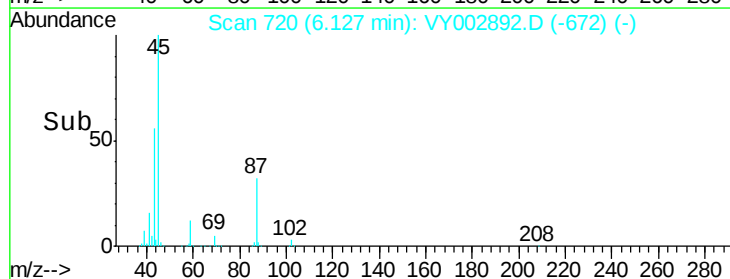
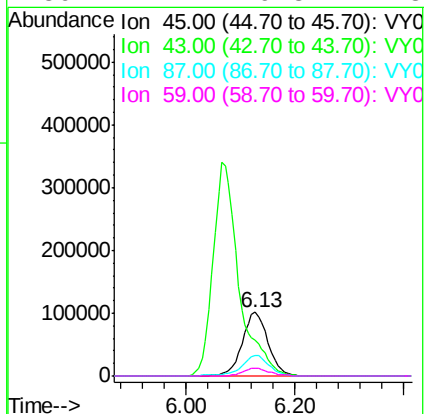
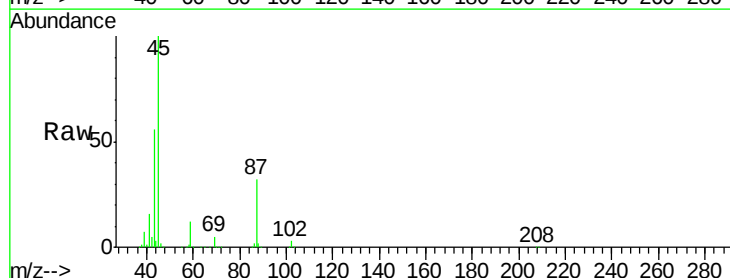
Ion Ratio Lower Upper

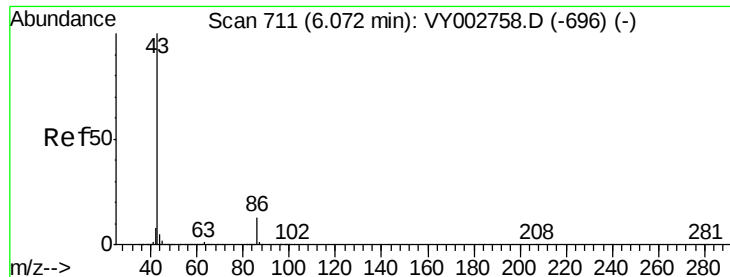
45 100

43 55.7 41.7 62.5

87 32.2 24.2 36.2

59 12.2 9.8 14.8

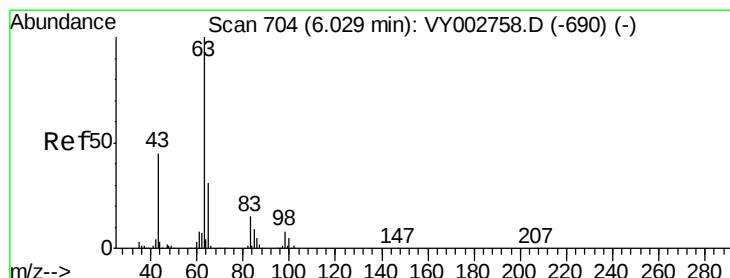
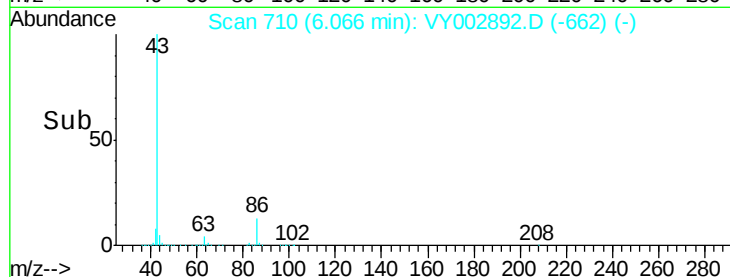
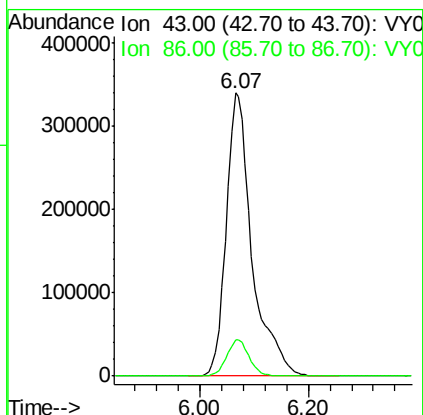
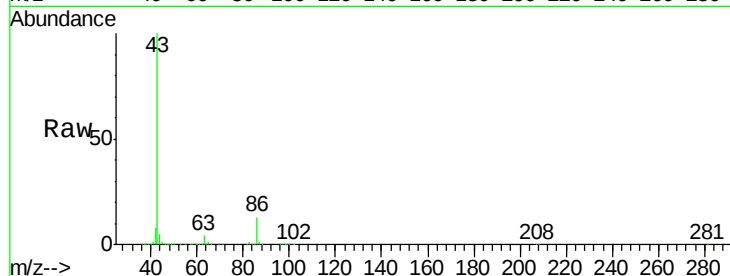




#23
 Vinyl Acetate
 Concen: 238.442 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

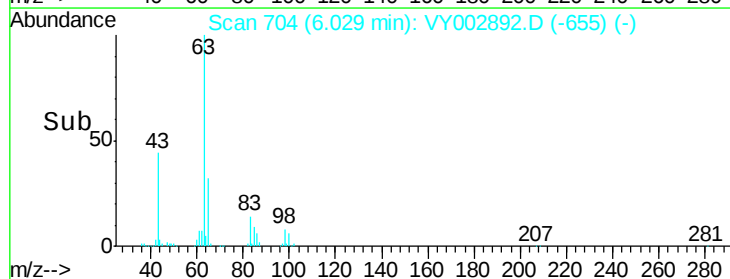
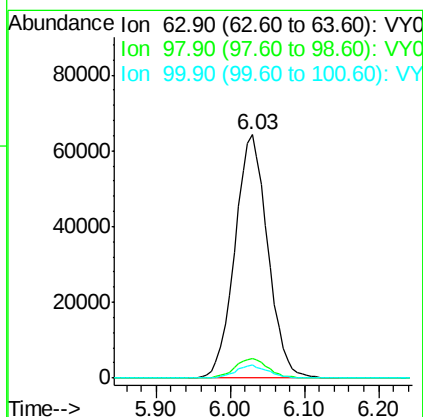
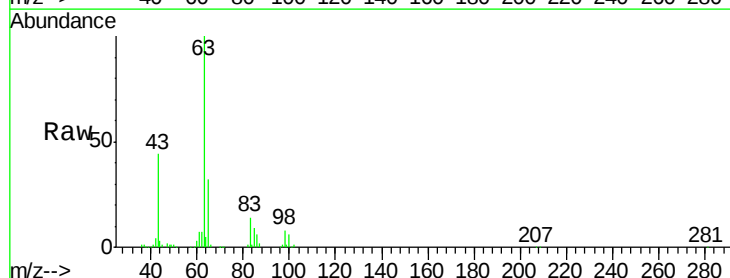
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

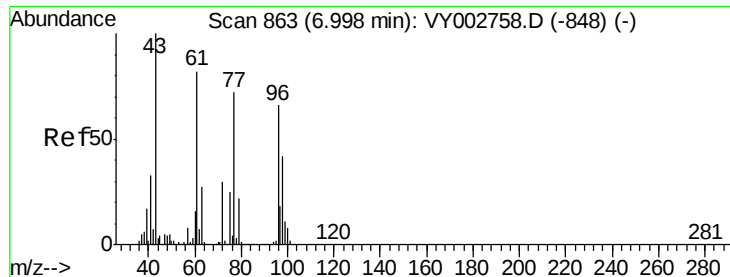
Tot Ion: 43 Resp: 1121226
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 47.559 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion: 63 Resp: 198149
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.6 2.4 7.1

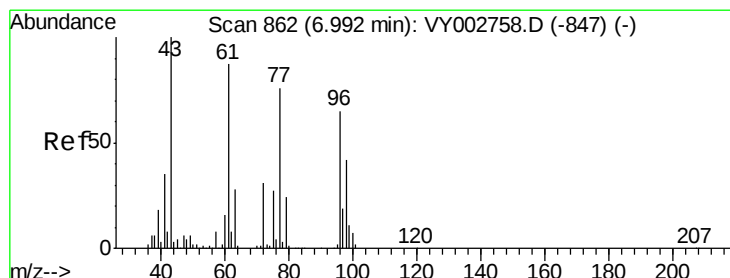
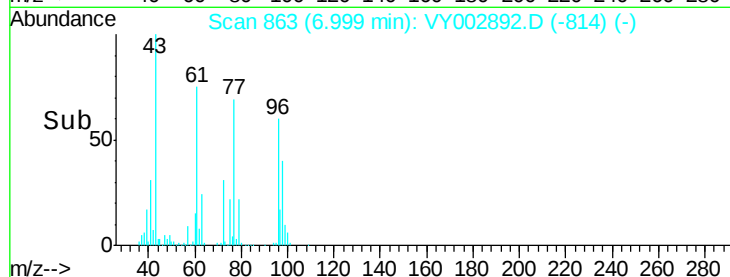
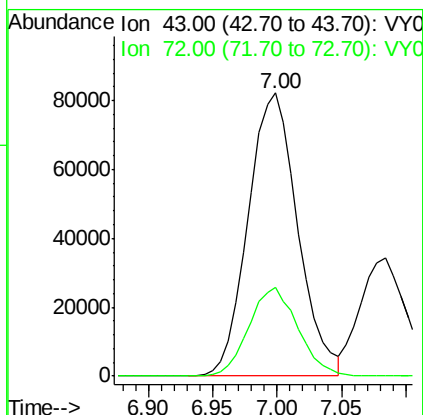
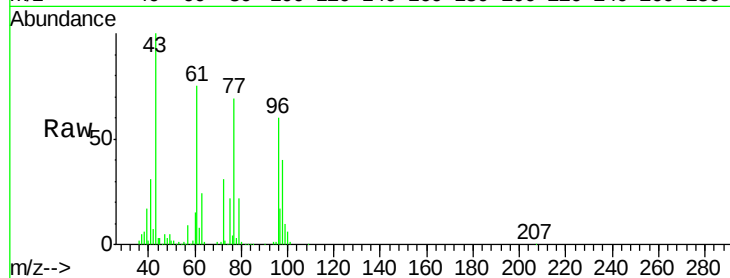




#25
2-Butanone
Concen: 246.459 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

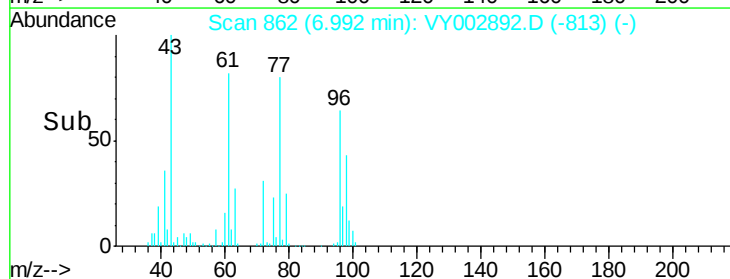
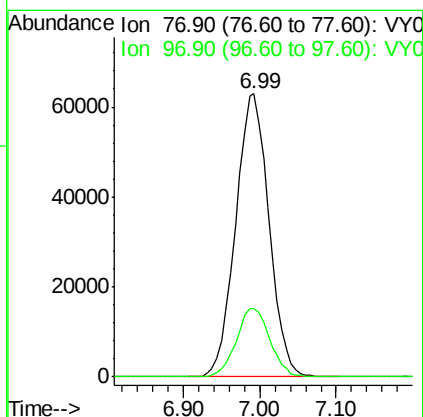
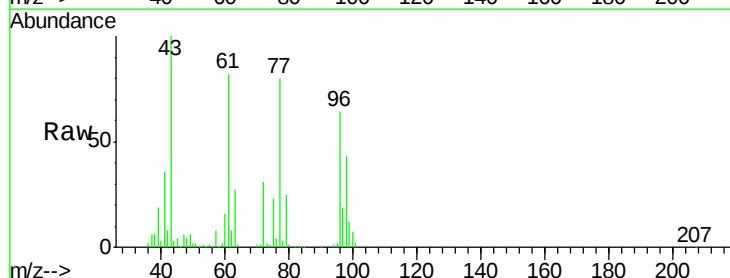
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

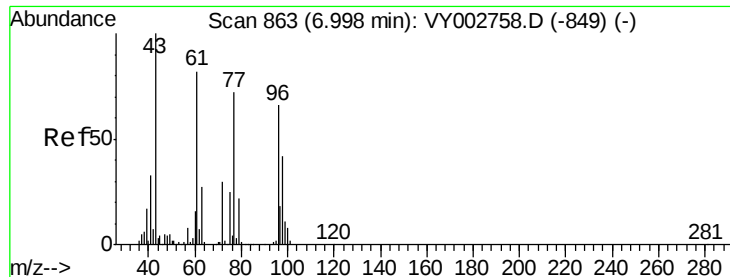
Tot Ion: 43 Resp: 219608
Ion Ratio Lower Upper
43 100
72 31.2 23.9 35.9



#26
2,2-Dichloropropane
Concen: 47.612 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion: 77 Resp: 190246
Ion Ratio Lower Upper
77 100
97 24.2 12.2 36.6



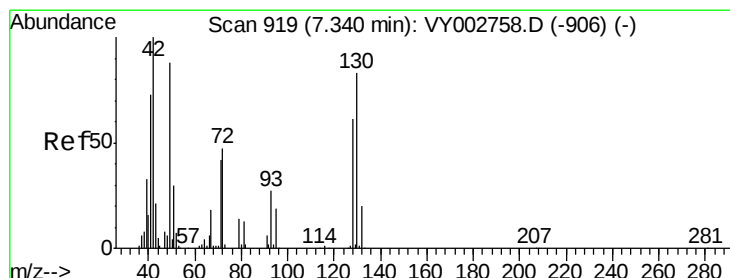
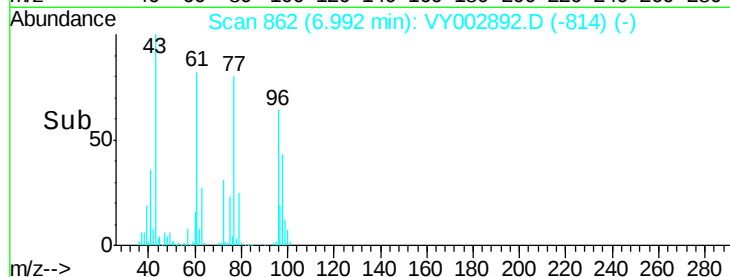
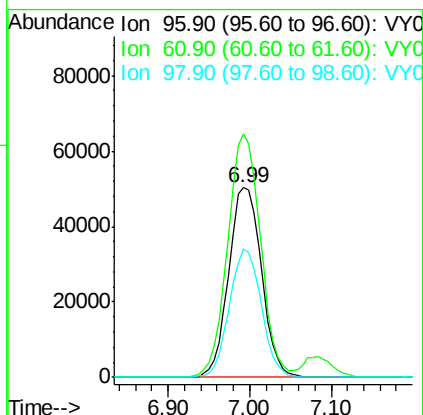
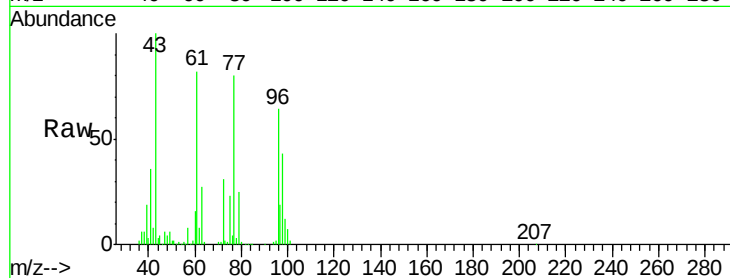


#27

cis-1,2-Dichloroethene
 Concen: 46.571 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

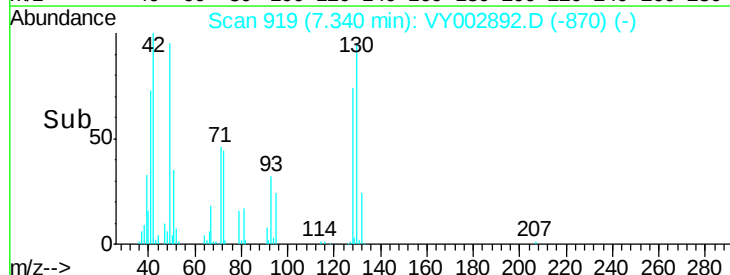
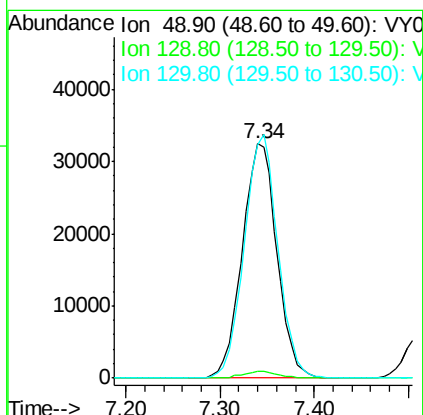
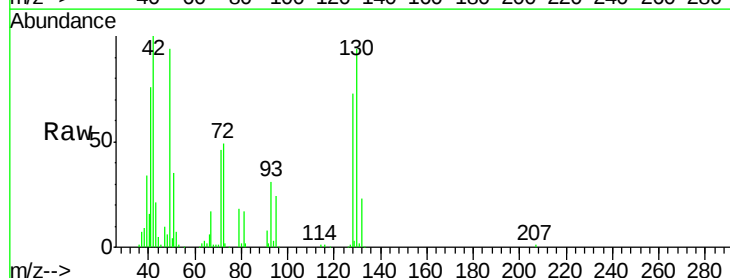
Tot Ion	96	Resp	140109
Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	260.2
98	65.7	0.0	128.2

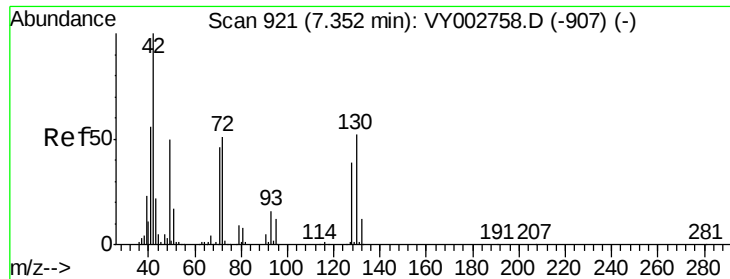


#28

Bromochloromethane
 Concen: 48.791 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion	49	Resp	83450
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	100.9	77.1	115.7





#29

Tetrahydrofuran

Concen: 224.065 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

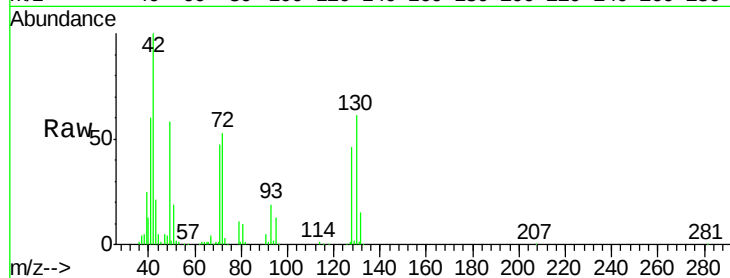
Tot Ion: 42 Resp: 129867

Ion Ratio Lower Upper

42 100

72 50.7 38.6 58.0

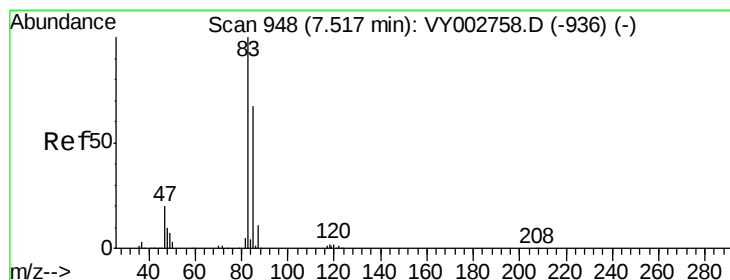
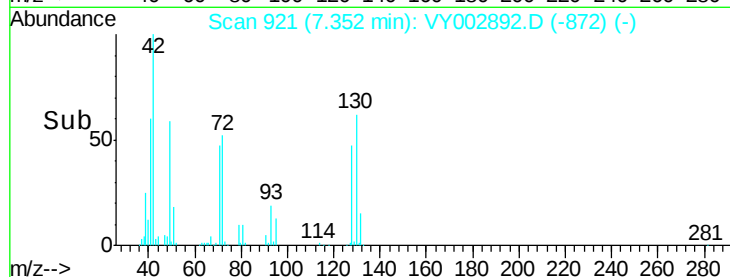
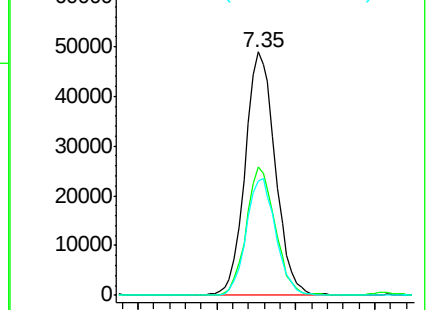
71 47.0 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY002892.D (-872) (-)

Ion 72.00 (71.70 to 72.70): VY002892.D (-872) (-)

Ion 71.00 (70.70 to 71.70): VY002892.D (-872) (-)



#30

Chloroform

Concen: 48.402 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002892.D

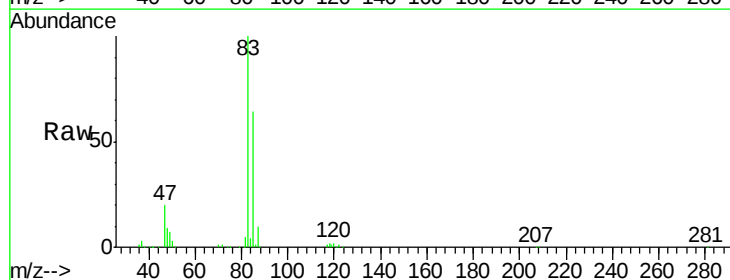
Acq: 15 Jun 2020 09:58

Tgt Ion: 83 Resp: 213989

Ion Ratio Lower Upper

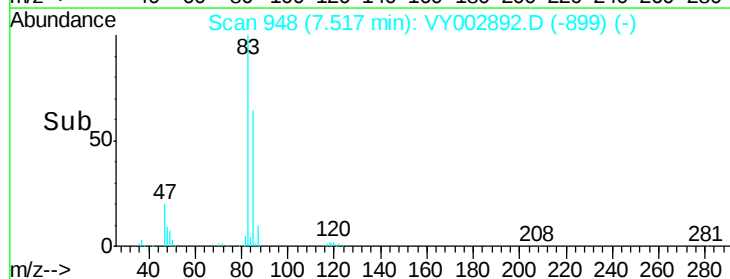
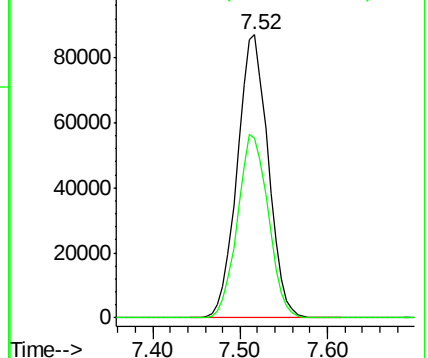
83 100

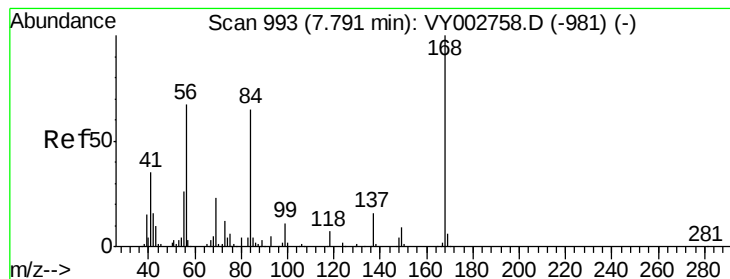
85 63.7 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY002892.D (-899) (-)

Ion 84.90 (84.60 to 85.60): VY002892.D (-899) (-)





#31

Cyclohexane

Concen: 42.742 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

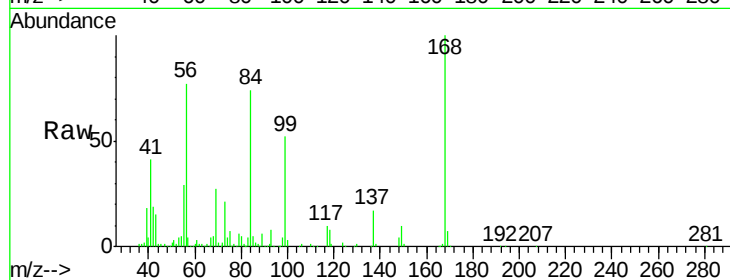
Tot Ion: 56 Resp: 176809

Ion Ratio Lower Upper

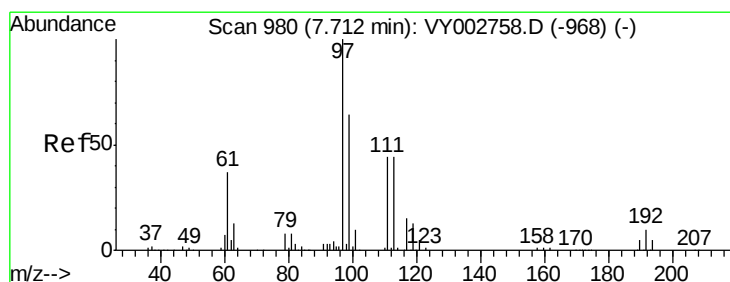
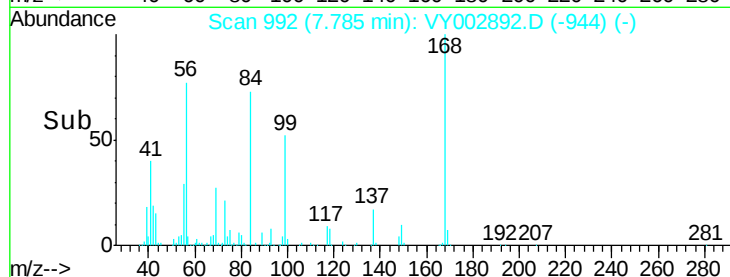
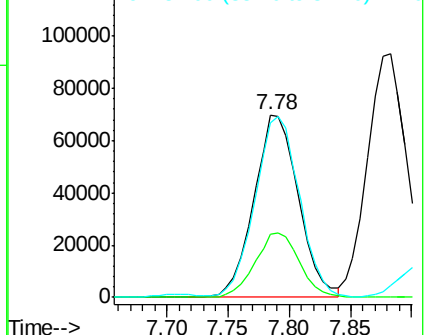
56 100

69 34.9 28.0 42.0

84 94.6 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: 48.363 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

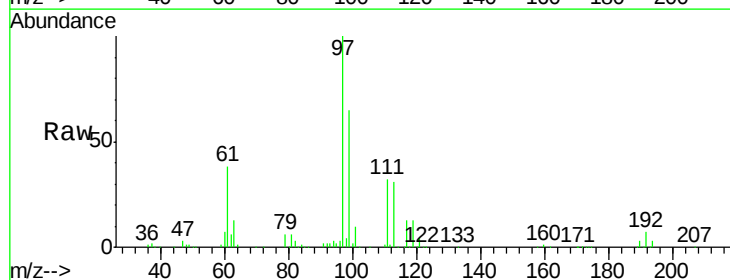
Tgt Ion: 97 Resp: 199248

Ion Ratio Lower Upper

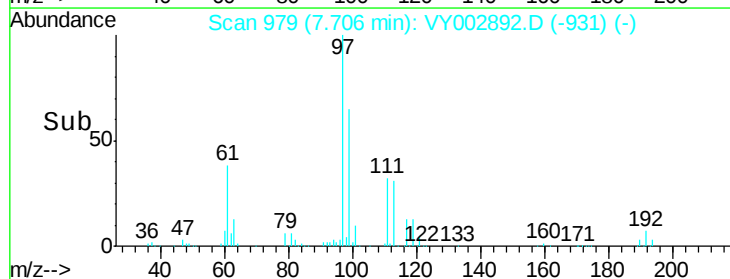
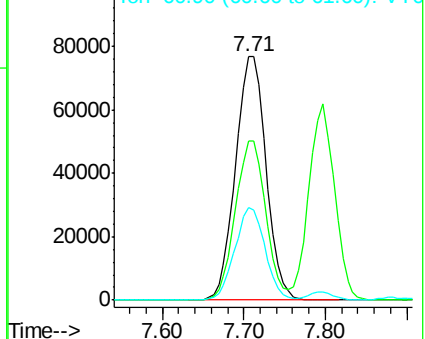
97 100

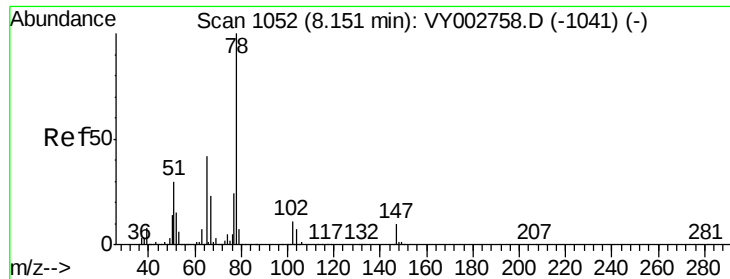
99 65.3 51.4 77.0

61 37.6 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

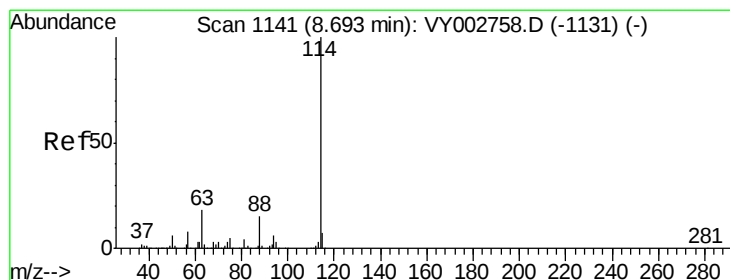
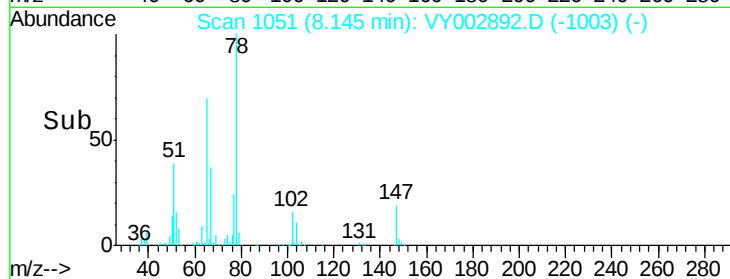
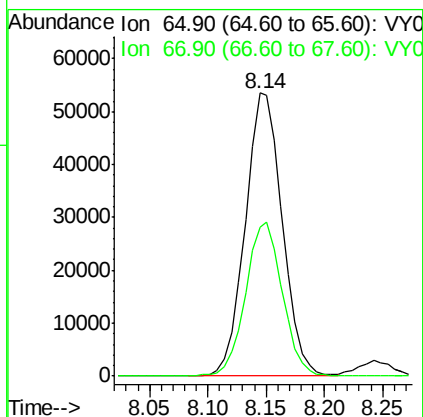
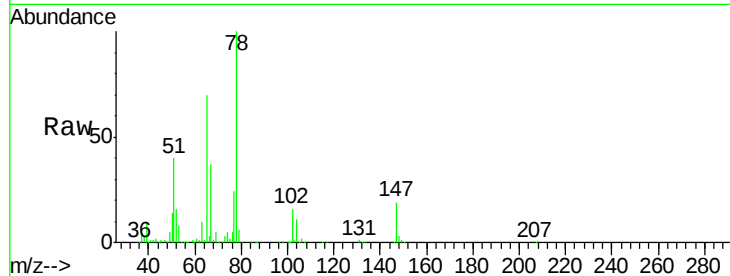




#33
 1,2-Dichloroethane-d4
 Concen: 48.672 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

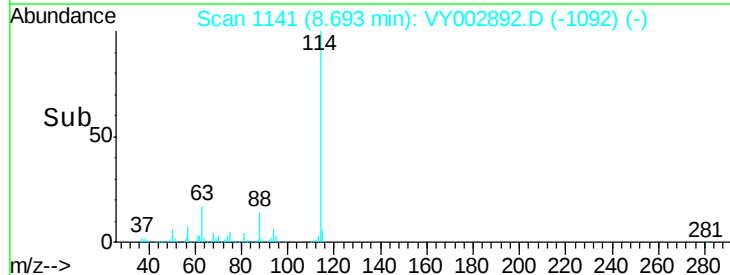
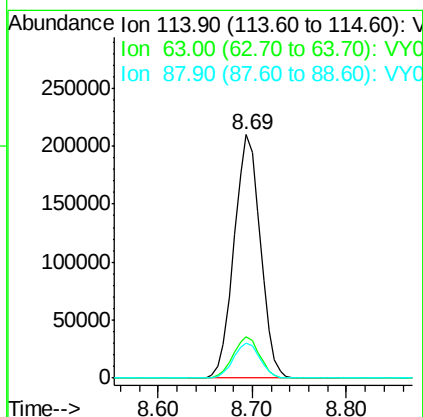
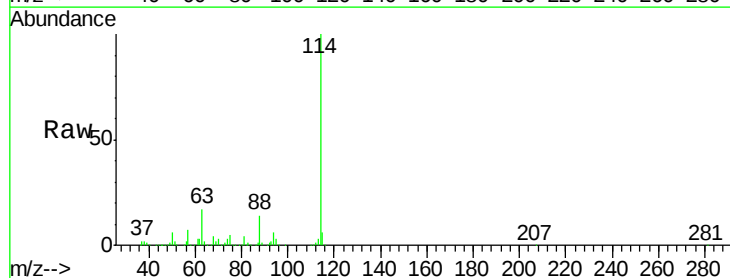
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

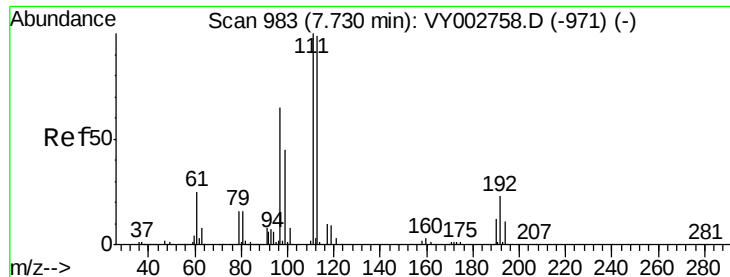
Tot Ion: 65 Resp: 118712
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion: 114 Resp: 406720
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 14.5 0.0 29.2

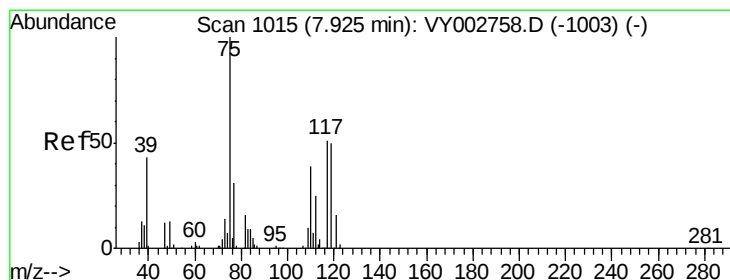
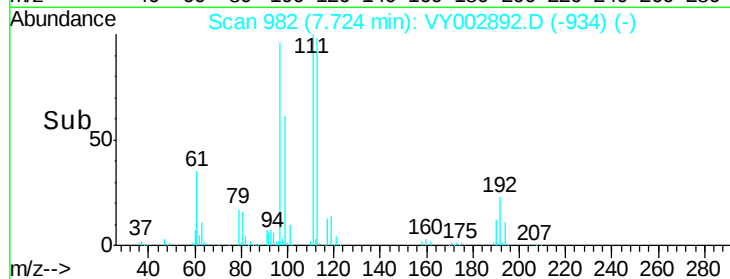
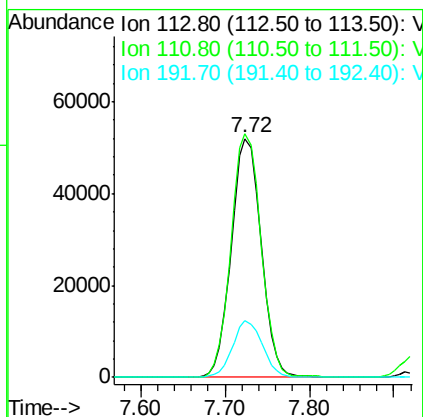
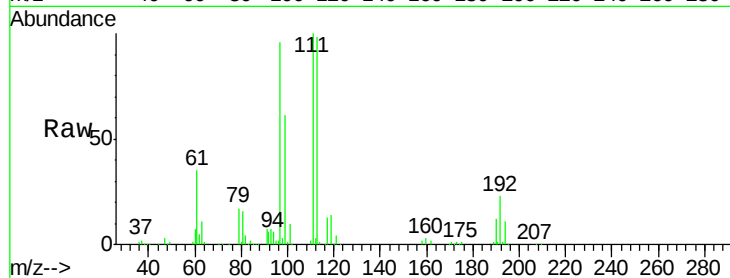




#35
 Dibromofluoromethane
 Concen: 52.098 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

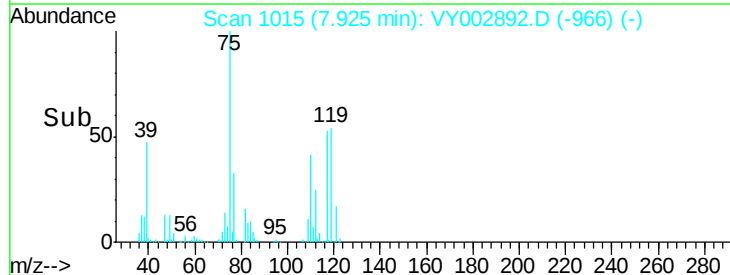
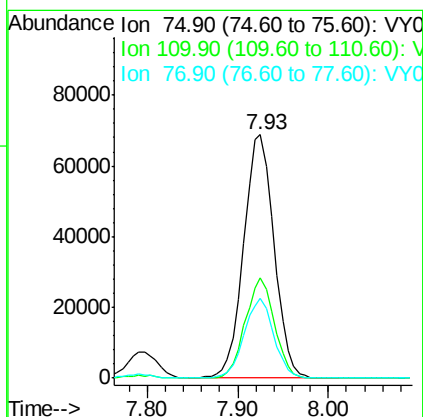
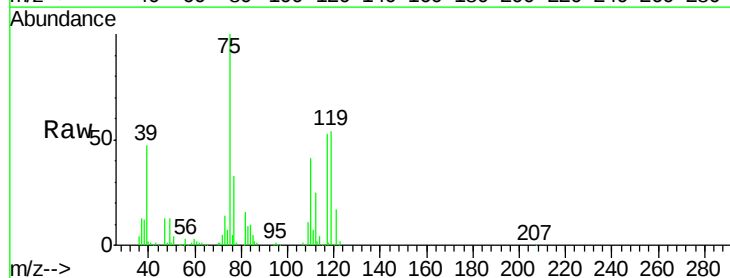
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

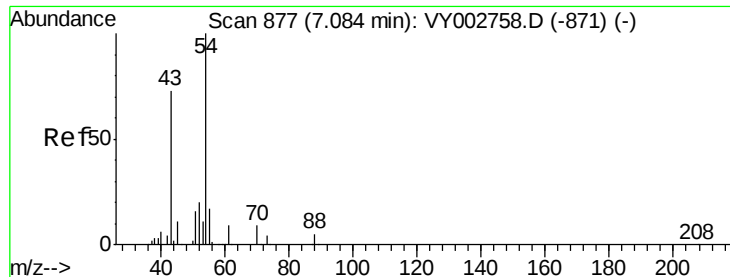
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.6	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 46.594 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	19.3	57.9
77	31.8	24.8	37.2

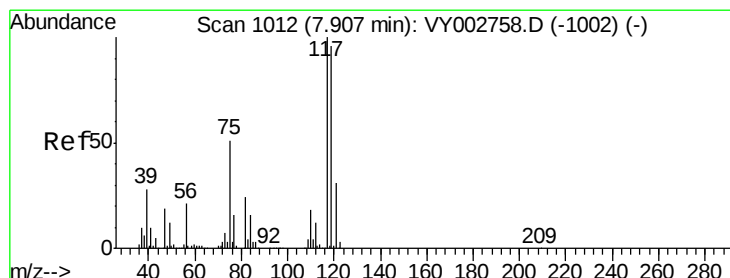
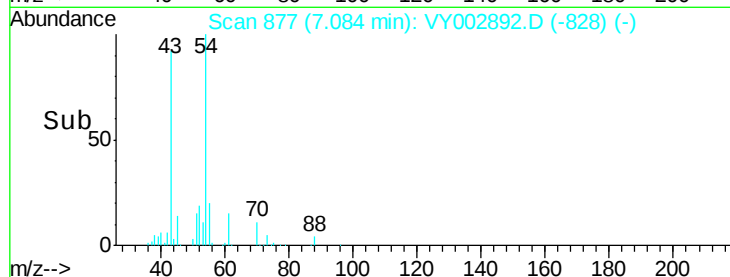
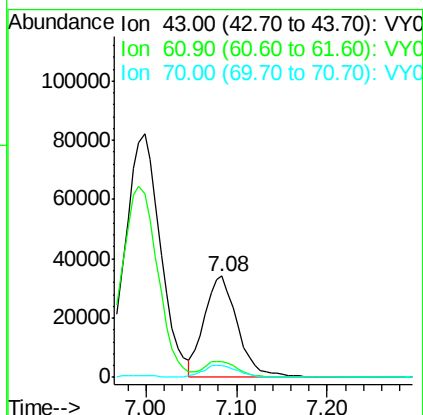
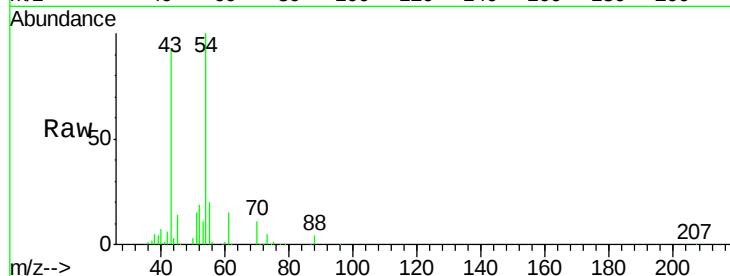




#37
Ethyl Acetate
Concen: 47.297 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

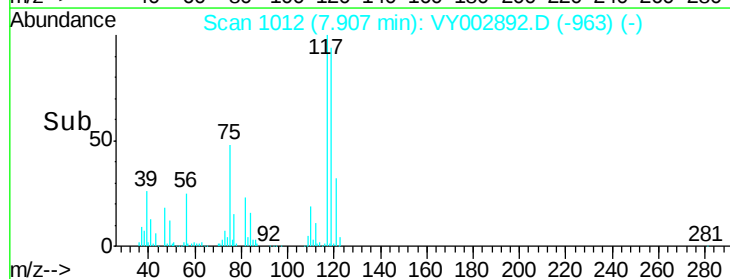
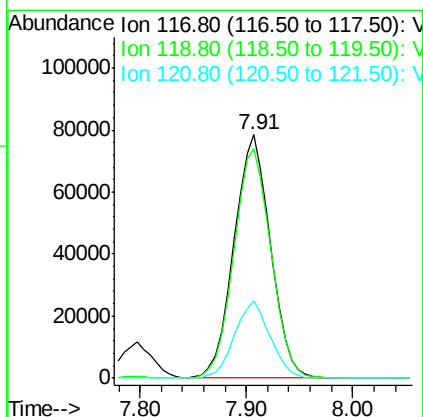
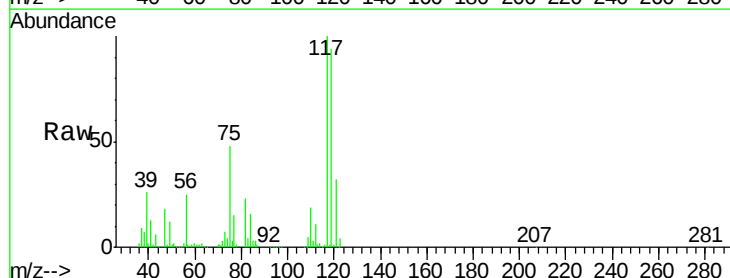
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

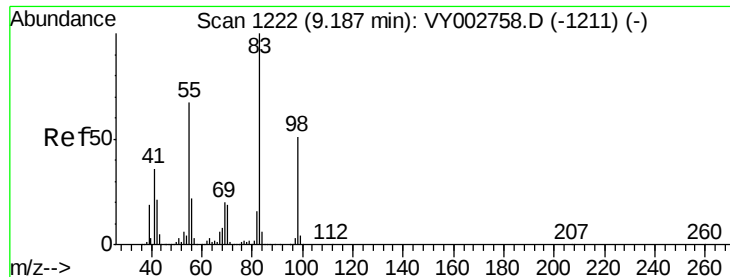
Tot Ion: 43 Resp: 88165
Ion Ratio Lower Upper
43 100
61 15.8 11.9 17.9
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.529 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion: 117 Resp: 188509
Ion Ratio Lower Upper
117 100
119 94.4 76.8 115.2
121 31.8 24.8 37.2

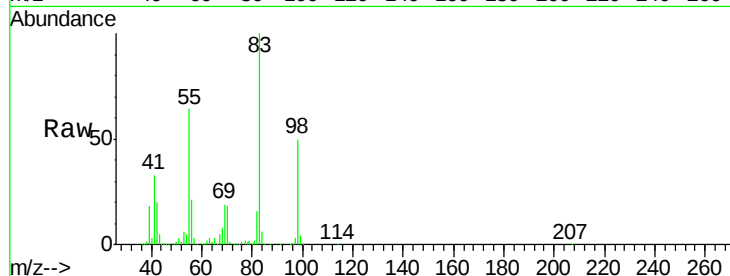




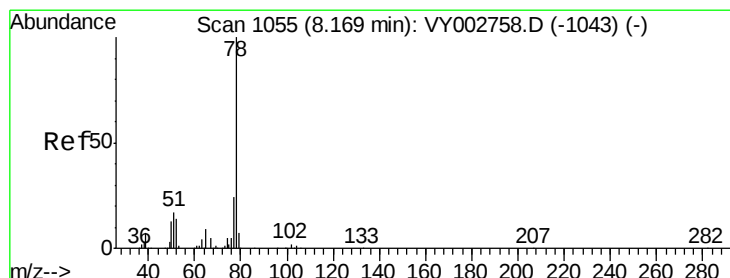
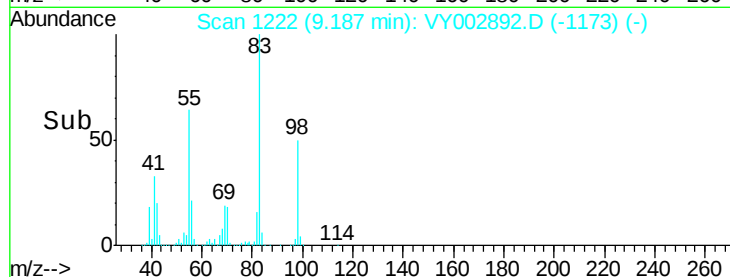
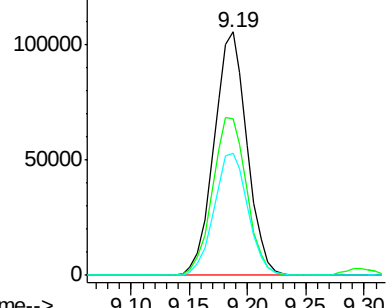
#39
Methvlcvclohexane
Concen: 46.038 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	207	905
Ion Ratio	100			
Lower	53.3			
Upper	79.9			
83	50.1	41.1	61.7	

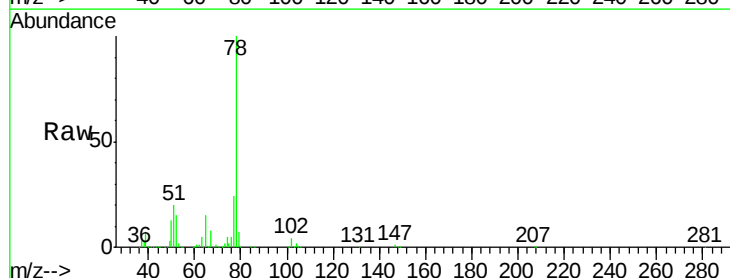


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

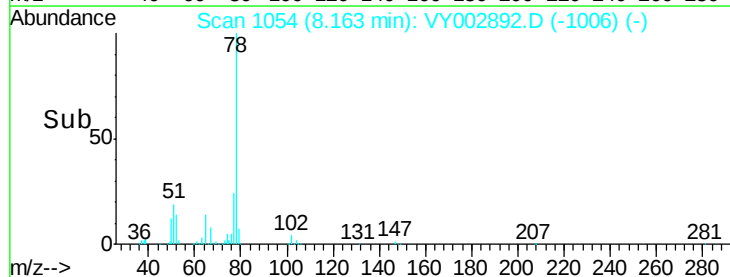
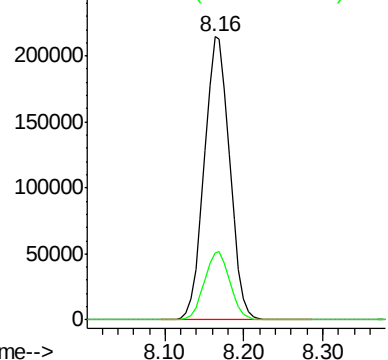


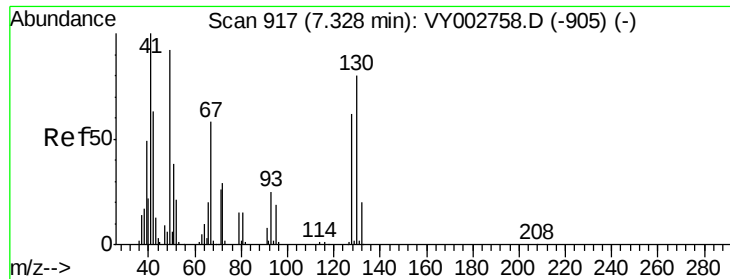
#40
Benzene
Concen: 47.548 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion	78	Resp	481	346
Ion Ratio	100			
Lower	18.8			
Upper	28.2			
78	23.7	18.8	28.2	



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

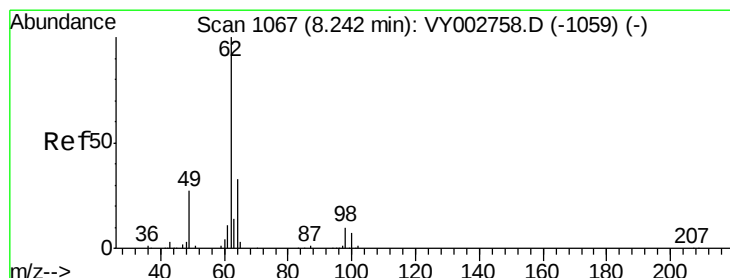
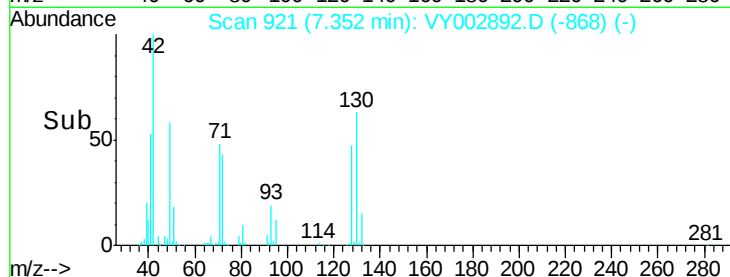
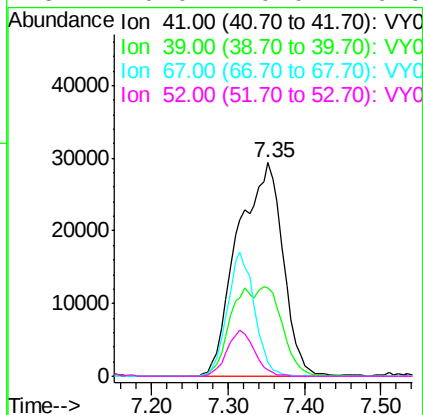
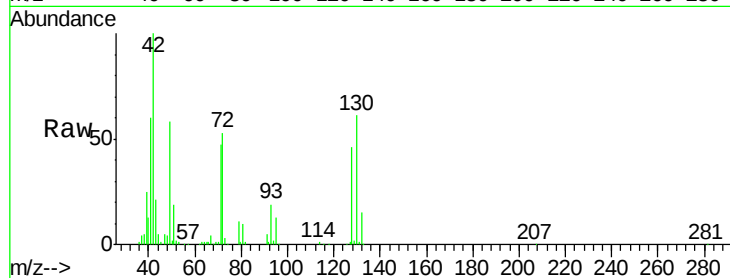




#41
Methacrylonitrile
Concen: 120.690 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

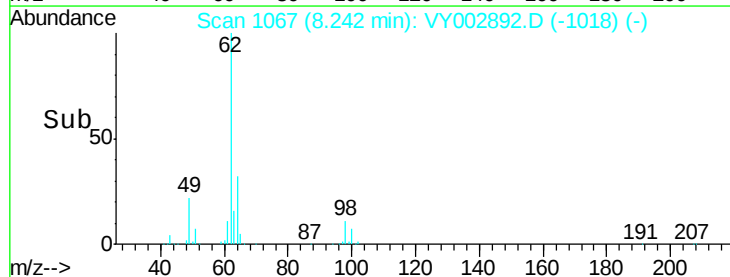
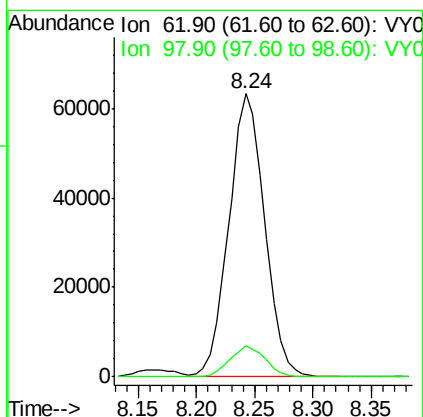
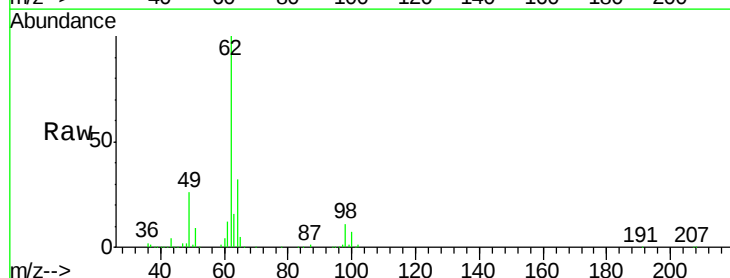
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

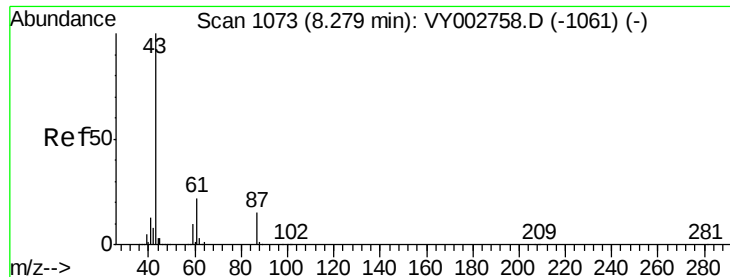
Tot Ion:	41	Resp:	120861
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.695 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion:	62	Resp:	135317
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.6



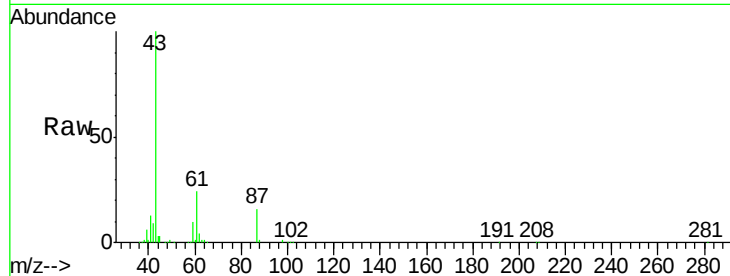


#43

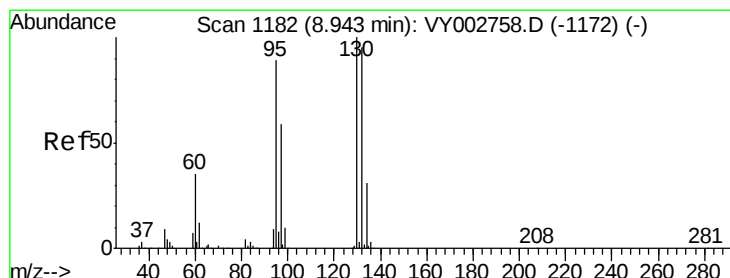
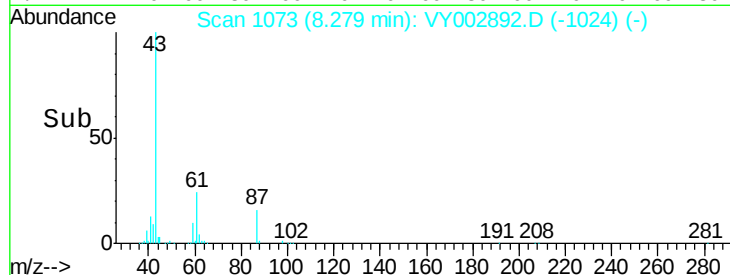
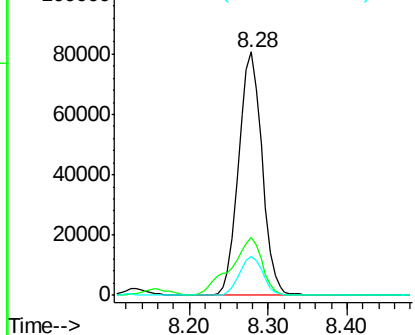
Isopropyl Acetate
 Concen: 47.467 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 167672
 Ion Ratio Lower Upper
 43 100
 61 31.5 24.8 37.2
 87 16.2 12.4 18.6



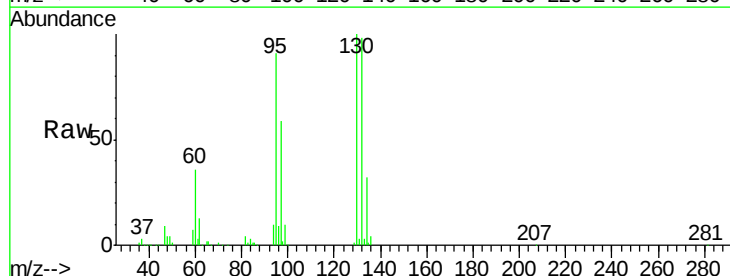
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



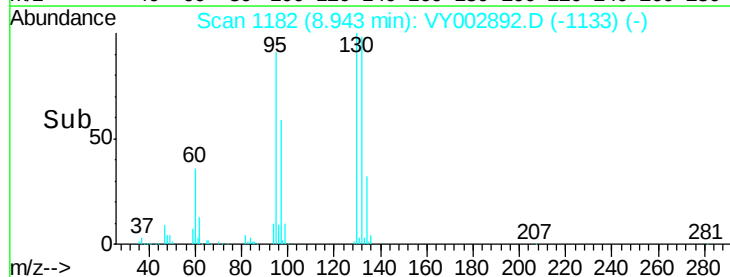
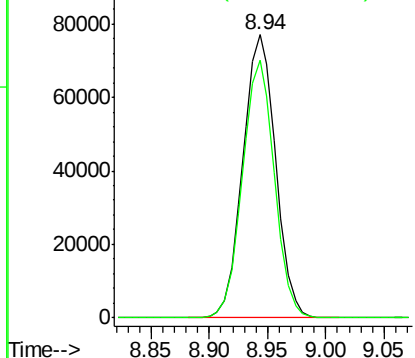
#44

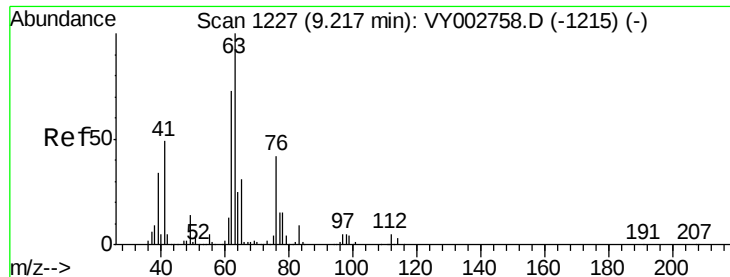
Trichloroethene
 Concen: 47.272 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion: 130 Resp: 151162
 Ion Ratio Lower Upper
 130 100
 95 91.0 0.0 178.8



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

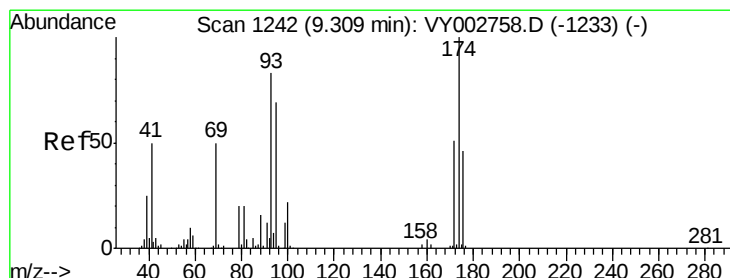
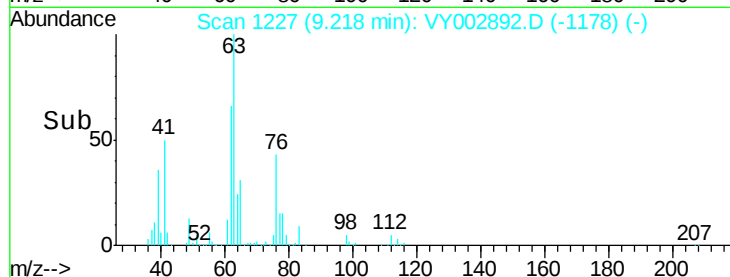
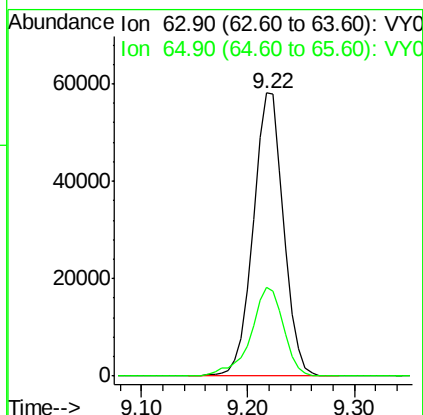
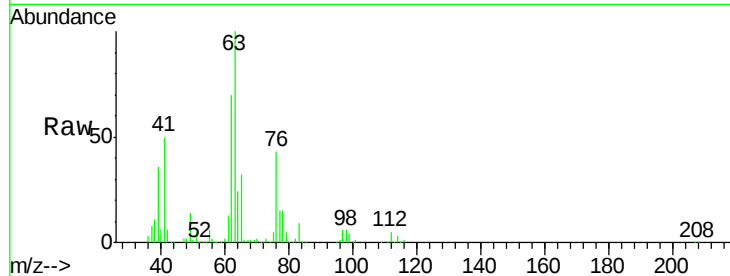




#45
 1,2-Dichloropropane
 Concen: 47.914 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

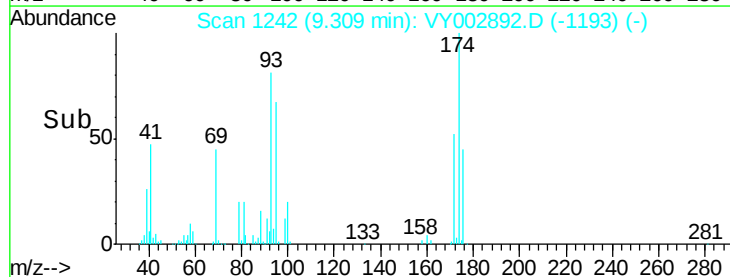
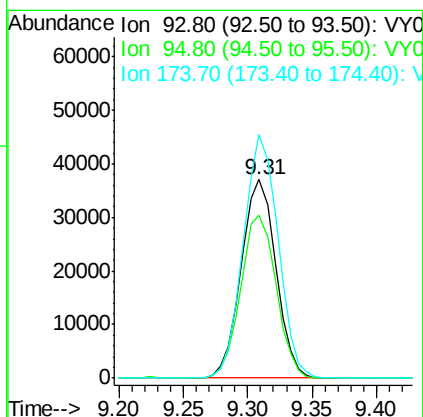
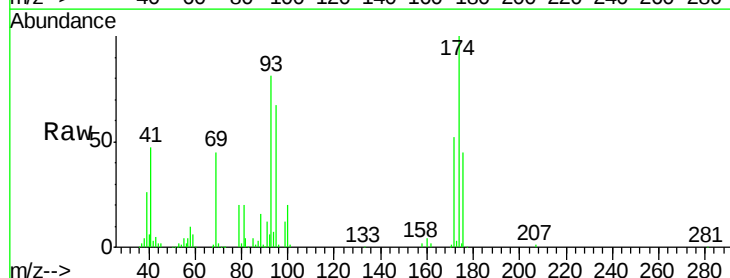
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

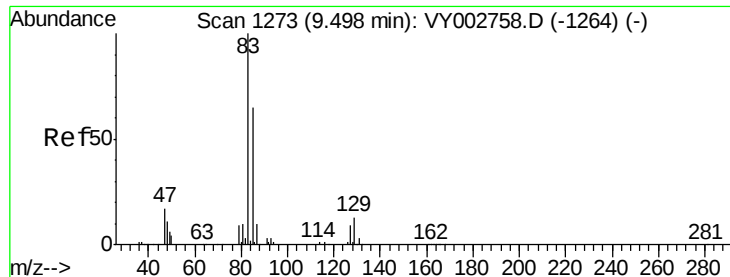
Tot Ion: 63 Resp: 116321
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 48.078 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion: 93 Resp: 69318
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.9 100.3
 174 122.5 97.7 146.5





#47

Bromodichloromethane

Concen: 49.840 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

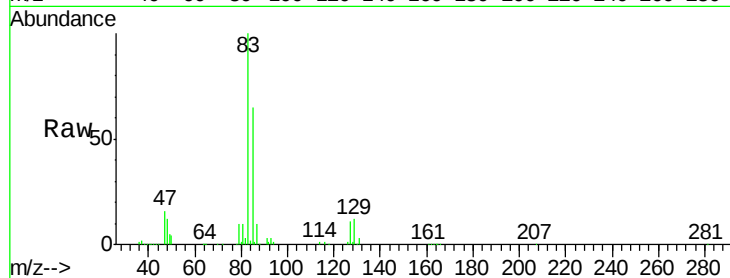
Tot Ion: 83 Resp: 169405

Ion Ratio Lower Upper

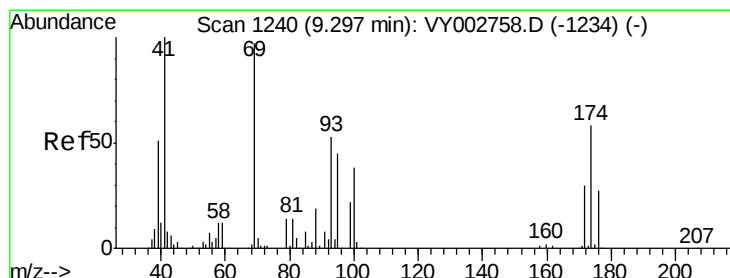
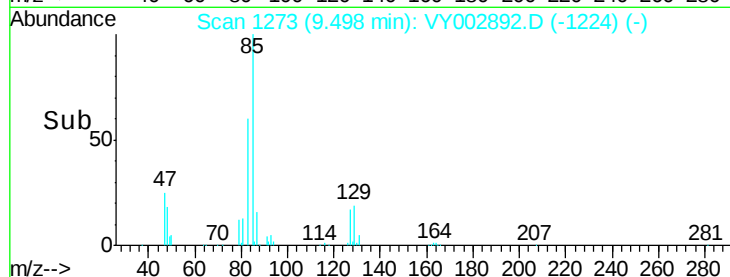
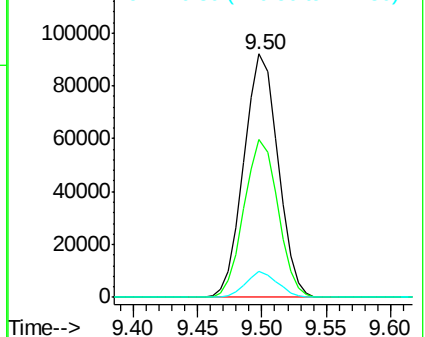
83 100

85 64.6 51.9 77.9

127 10.6 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: 47.225 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

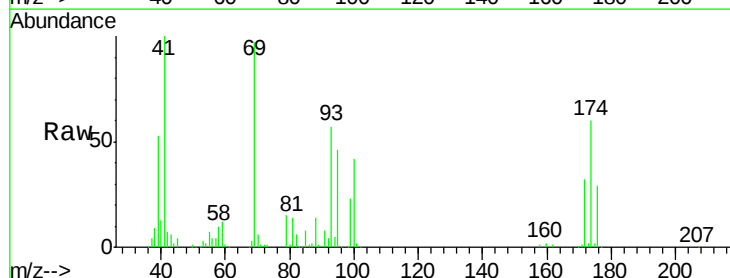
Tgt Ion: 41 Resp: 75307

Ion Ratio Lower Upper

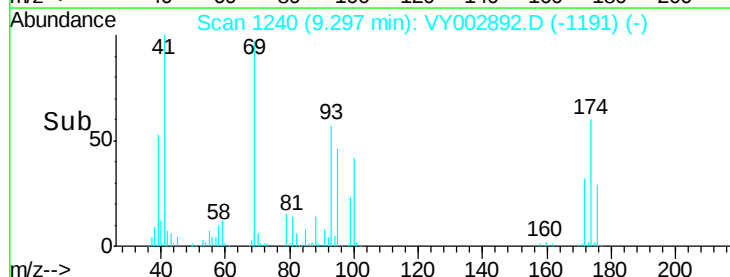
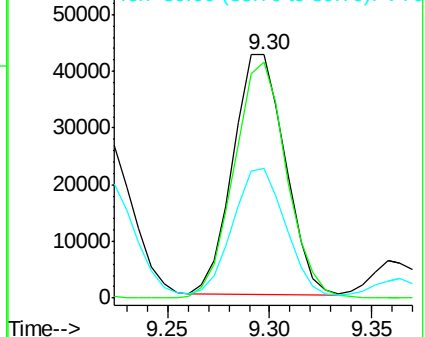
41 100

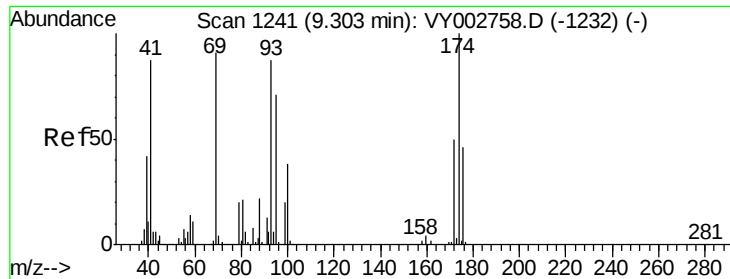
69 98.9 79.7 119.5

39 55.6 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

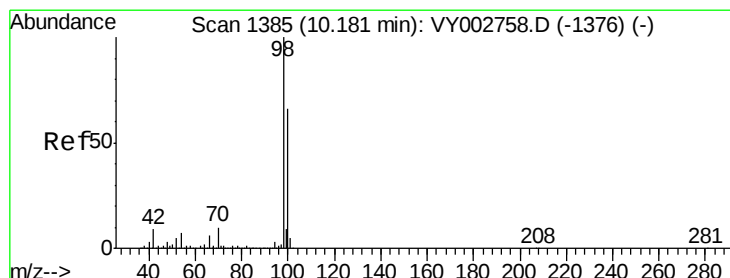
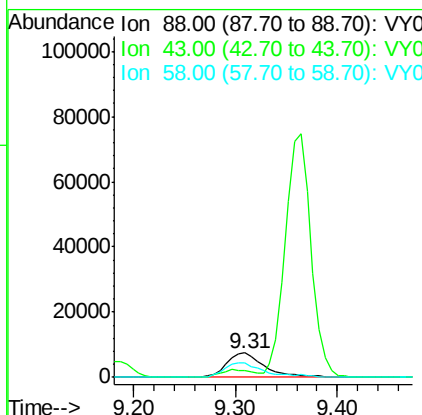
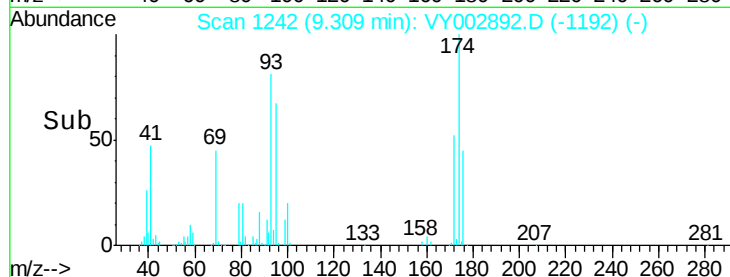
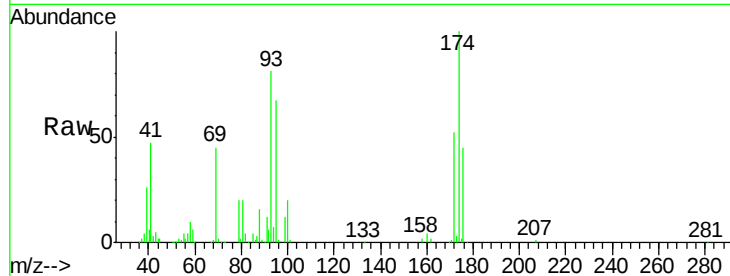




#49
1,4-Dioxane
Concen: 879.341 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

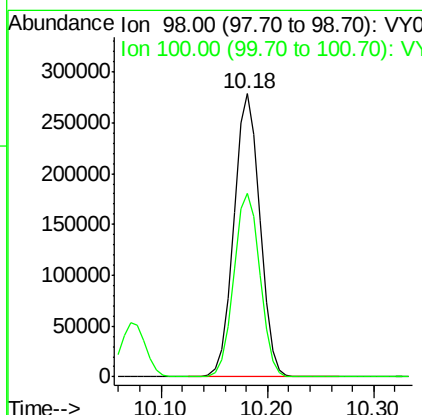
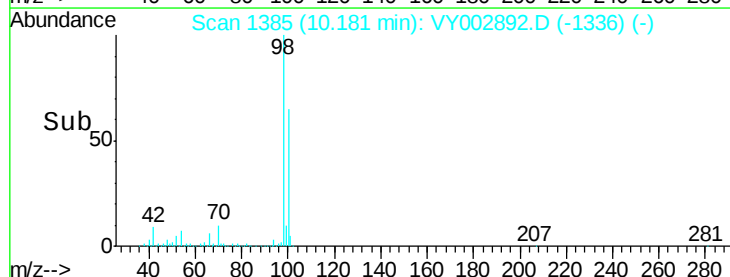
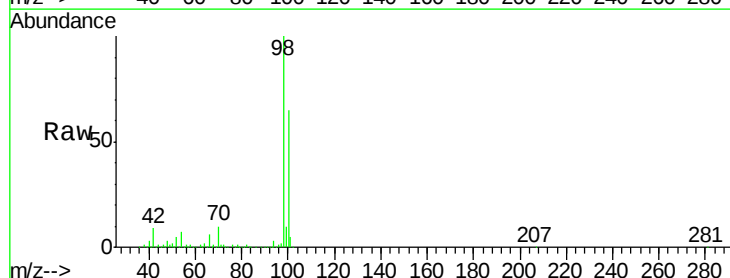
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

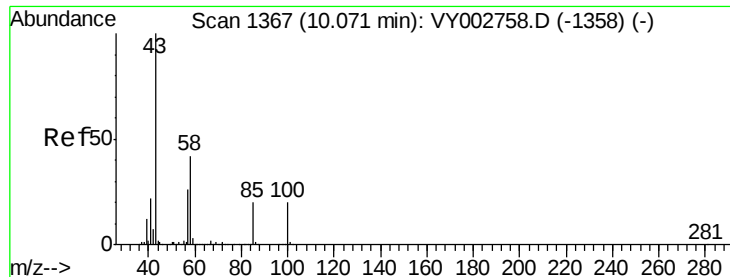
Tot Ion: 88 Resp: 19467
Ion Ratio Lower Upper
88 100
43 25.3 21.3 31.9
58 64.4 52.2 78.2



#50
Toluene-d8
Concen: 49.575 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion: 98 Resp: 477774
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

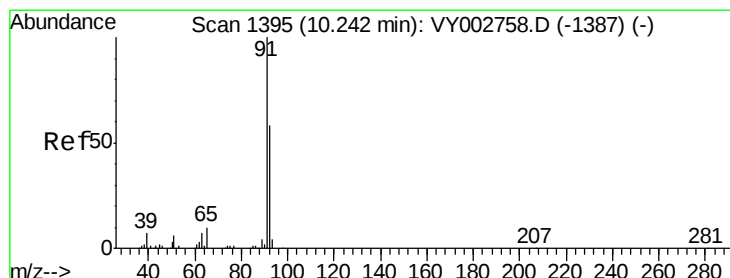
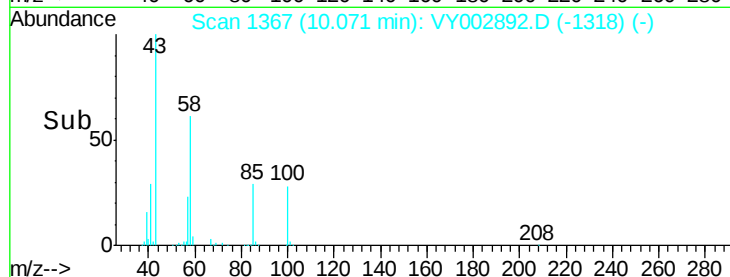
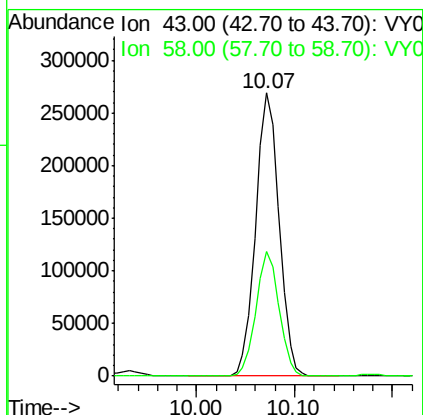
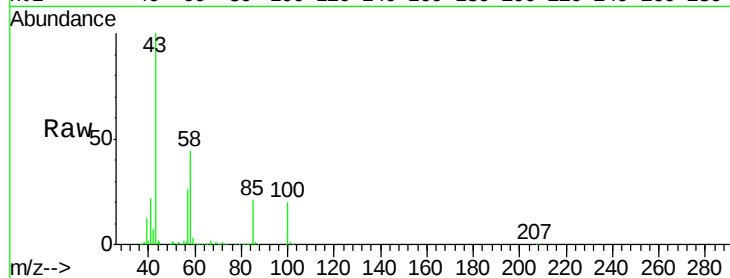




#51
 4-Methyl-2-Pentanone
 Concen: 239.488 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

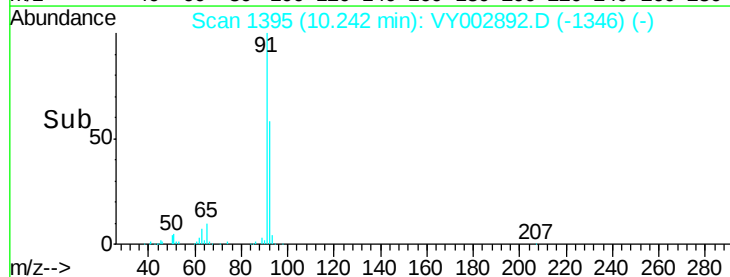
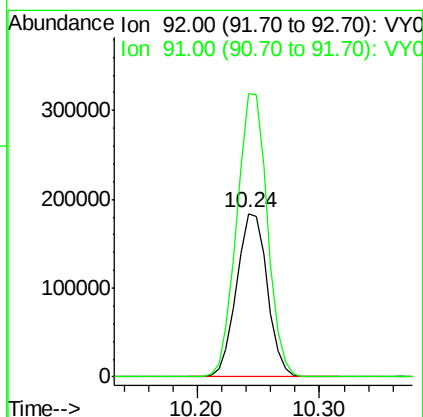
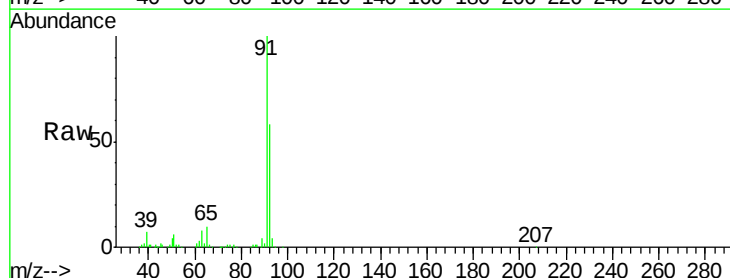
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

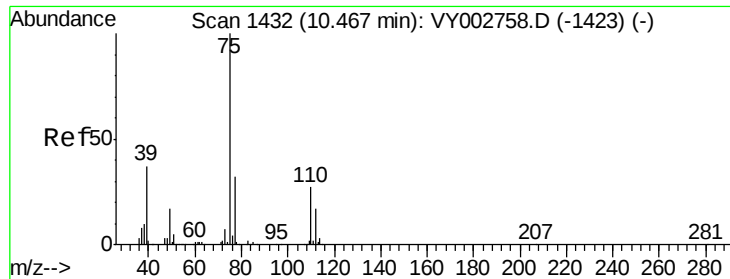
Tot Ion: 43 Resp: 447962
 Ion Ratio Lower Upper
 43 100
 58 43.4 34.2 51.2



#52
 Toluene
 Concen: 48.266 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion: 92 Resp: 319646
 Ion Ratio Lower Upper
 92 100
 91 173.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.608 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

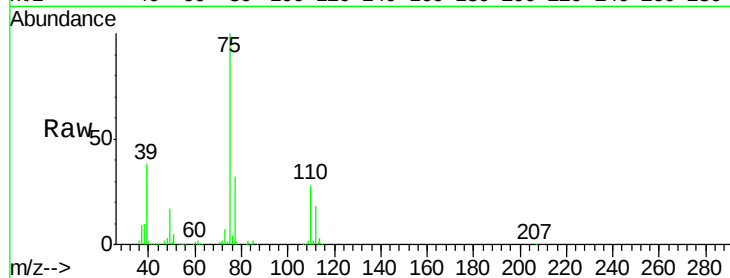
VSTDCCC050

Tot Ion: 75 Resp: 184170

Ion Ratio Lower Upper

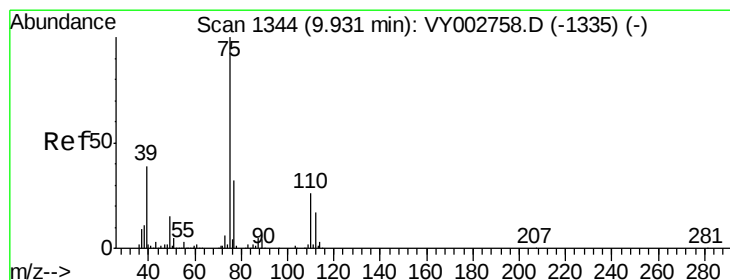
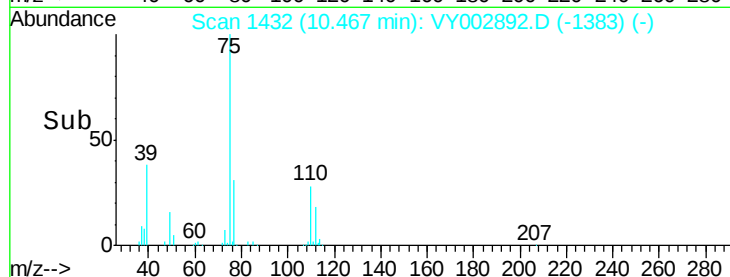
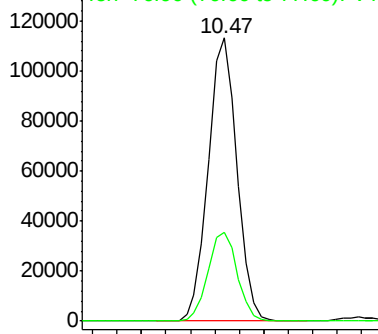
75 100

77 31.5 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: 48.792 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

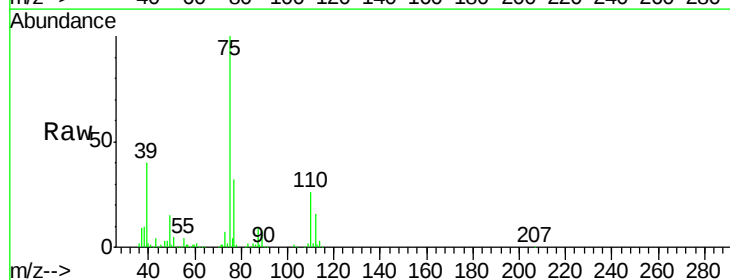
Tgt Ion: 75 Resp: 205255

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

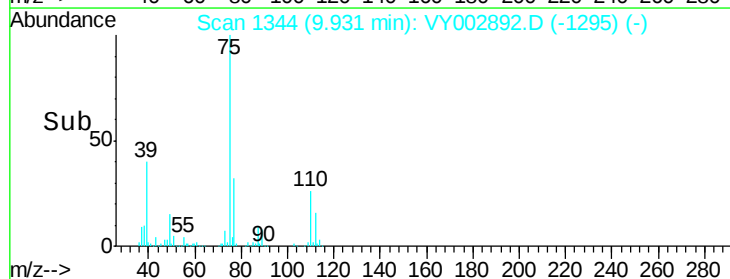
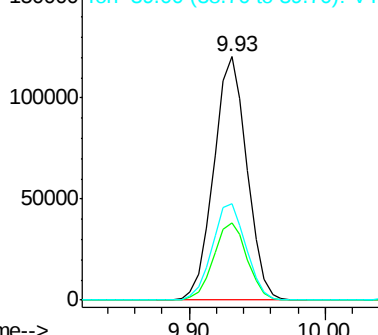
39 39.6 31.3 46.9

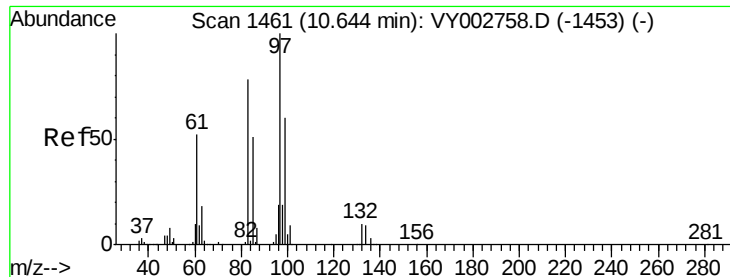


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

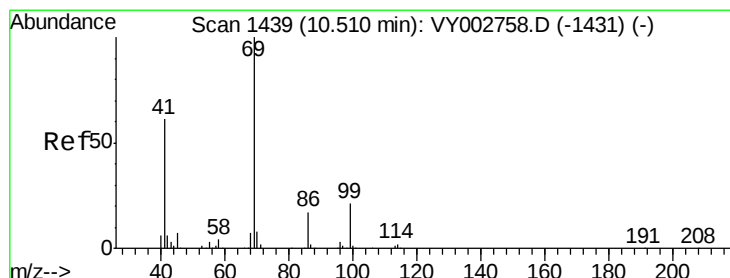
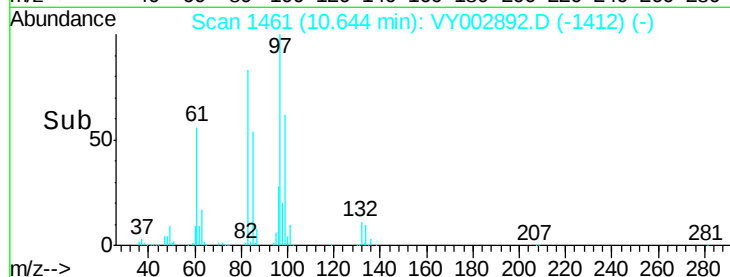
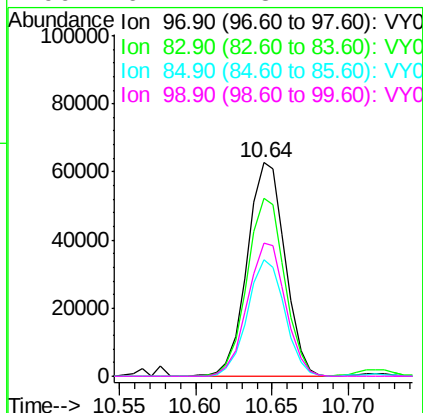
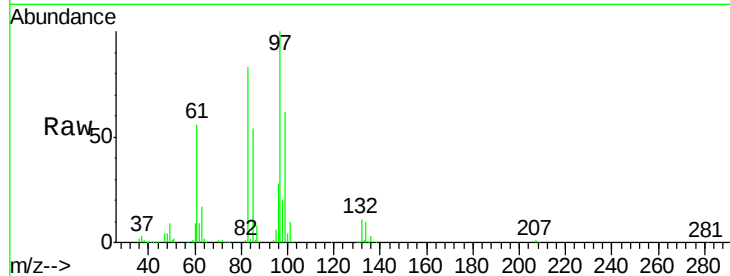




#55
 1,1,2-Trichloroethane
 Concen: 48.820 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

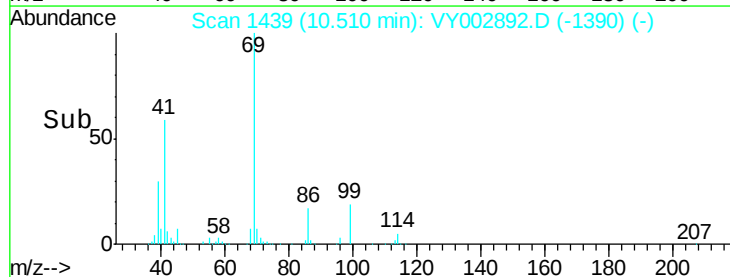
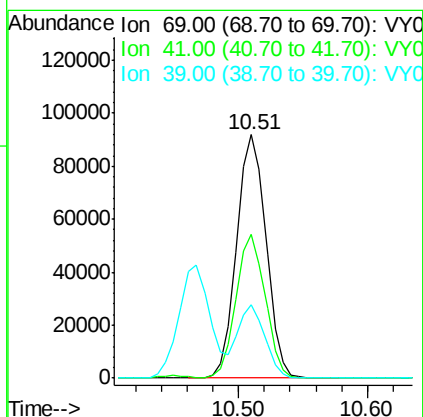
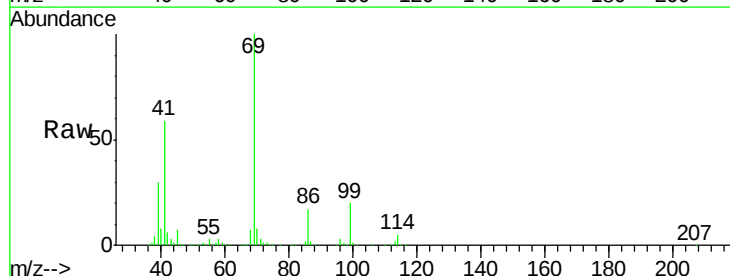
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

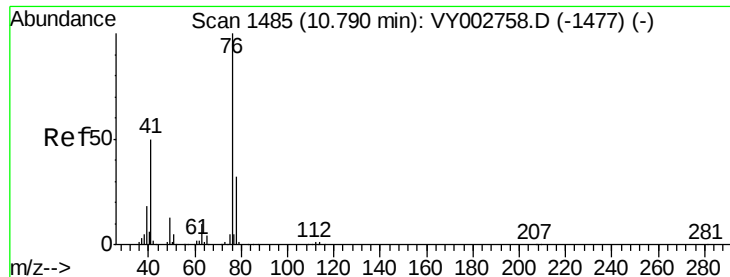
Tot Ion:	97	Resp:	107762
Ion	Ratio	Lower	Upper
97	100		
83	83.4	62.7	94.1
85	54.5	40.6	60.8
99	62.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 49.268 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion:	69	Resp:	145662
Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.0	70.4
39	27.0	22.0	33.0





#57

1,3-Dichloropropane

Concen: 47.674 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

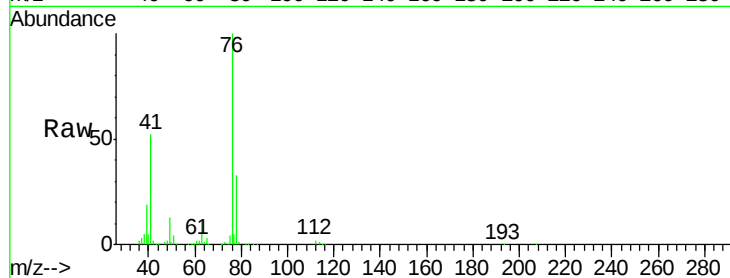
VSTDCCC050

Tot Ion: 76 Resp: 173084

Ion Ratio Lower Upper

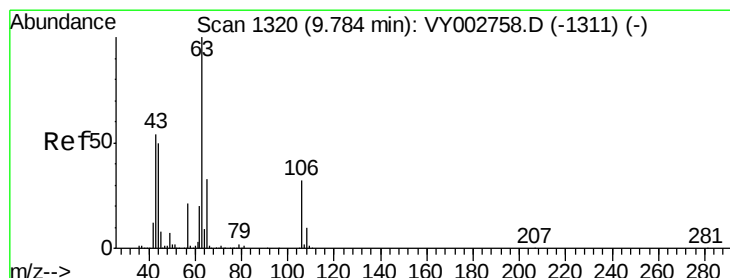
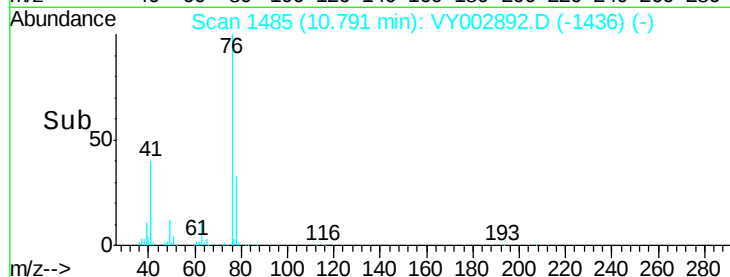
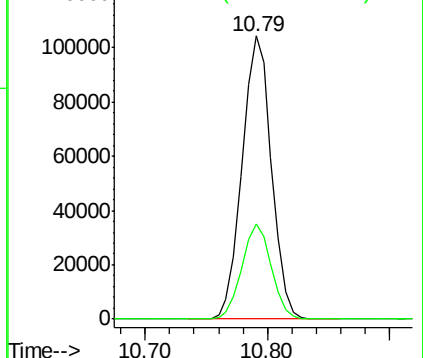
76 100

78 33.7 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: 261.721 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002892.D

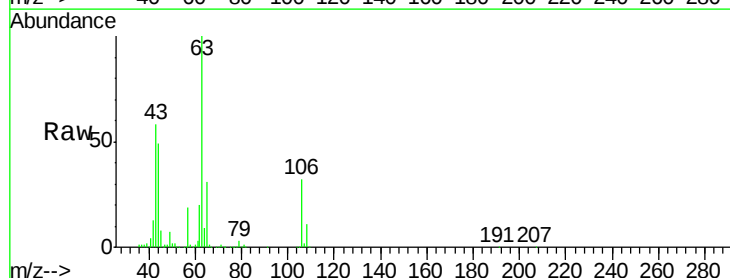
Acq: 15 Jun 2020 09:58

Tgt Ion: 63 Resp: 378091

Ion Ratio Lower Upper

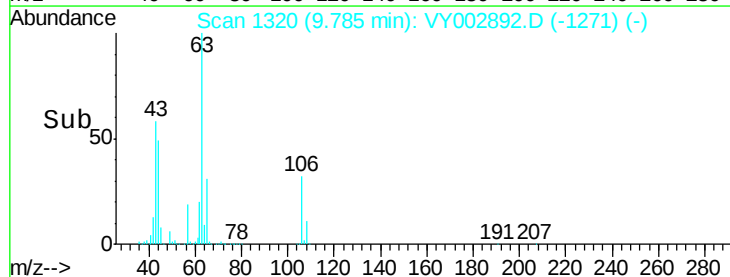
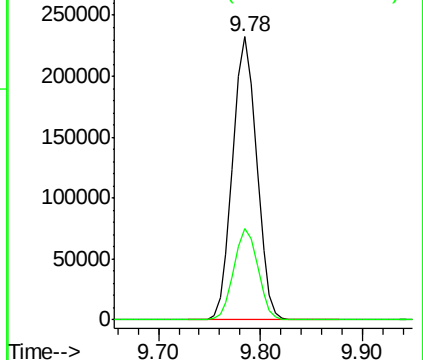
63 100

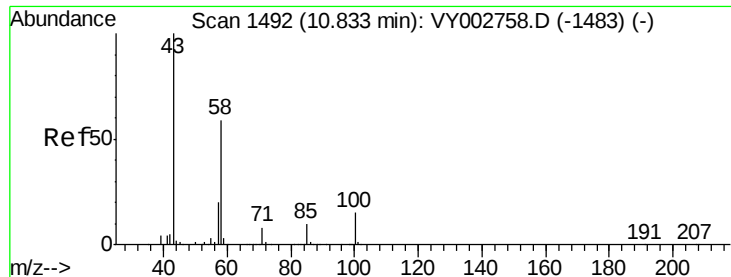
106 32.5 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

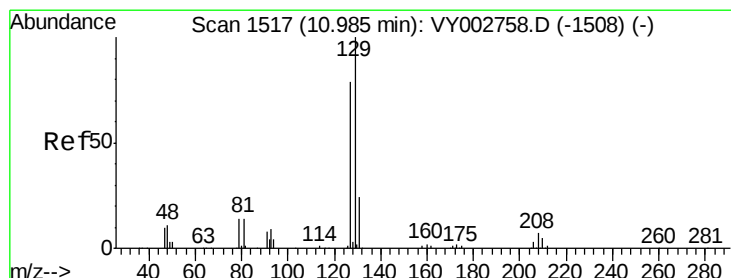
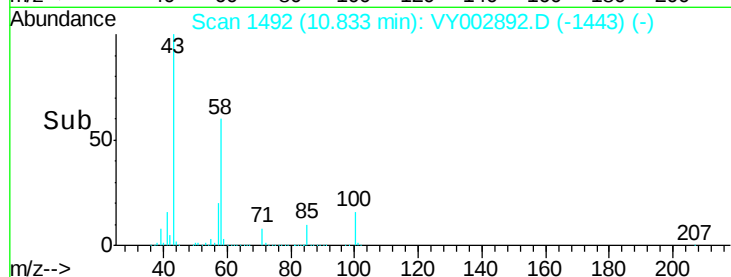
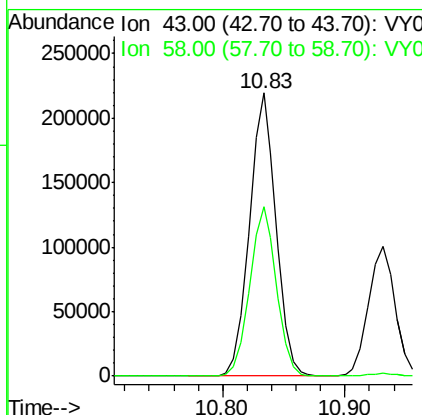
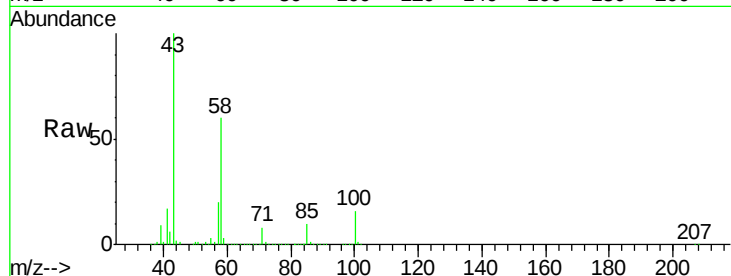




#59
2-Hexanone
Concen: 249.898 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

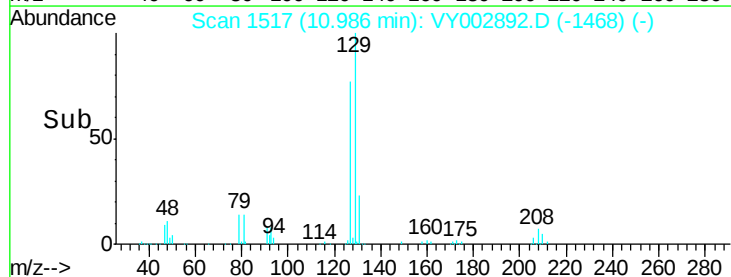
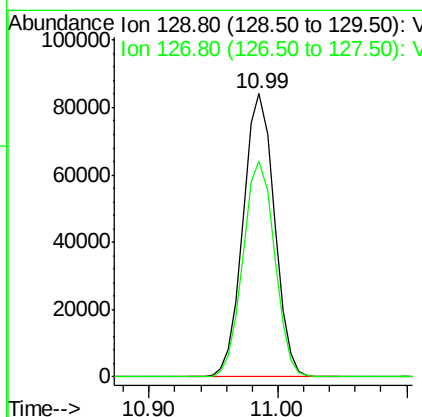
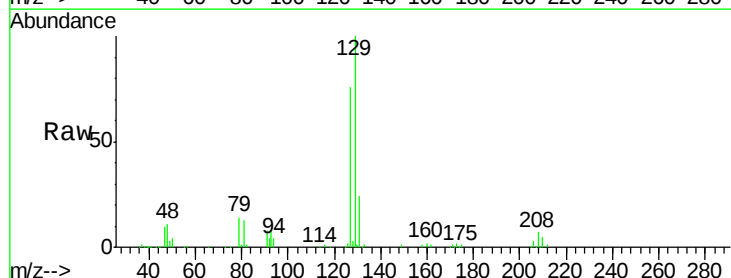
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

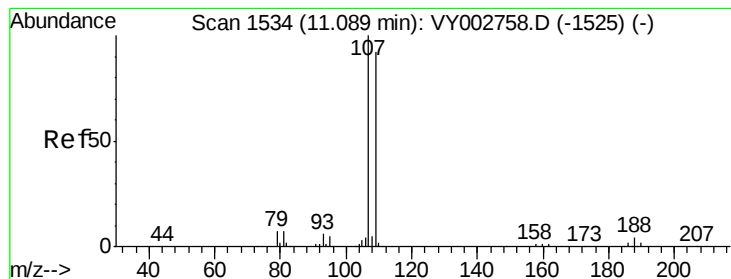
Tot Ion: 43 Resp: 331656
Ion Ratio Lower Upper
43 100
58 59.9 29.5 88.5



#60
Dibromochloromethane
Concen: 50.403 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion: 129 Resp: 141052
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.034 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

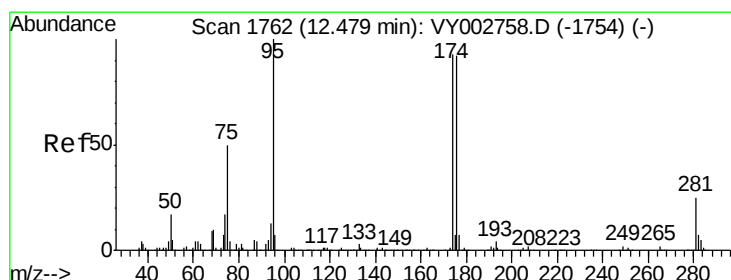
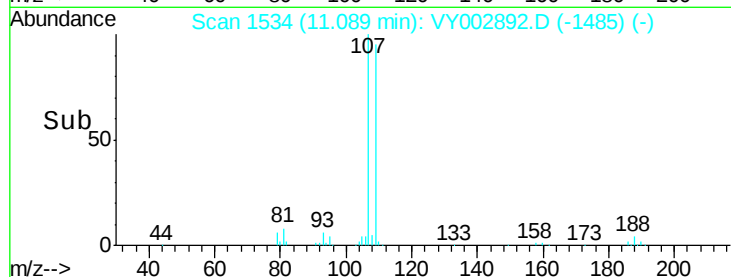
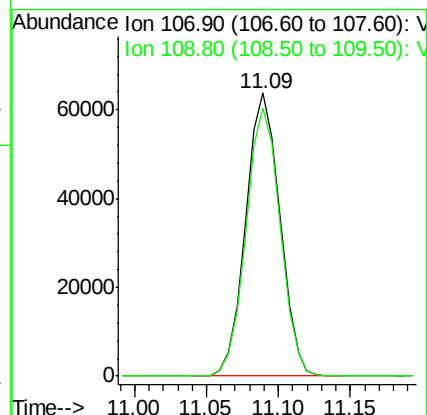
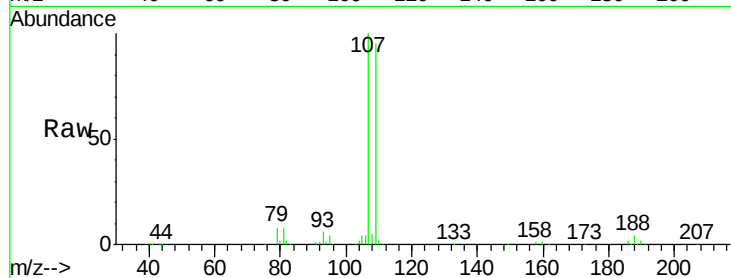
VSTDCCC050

Tot Ion:107 Resp: 104591

Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.632 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

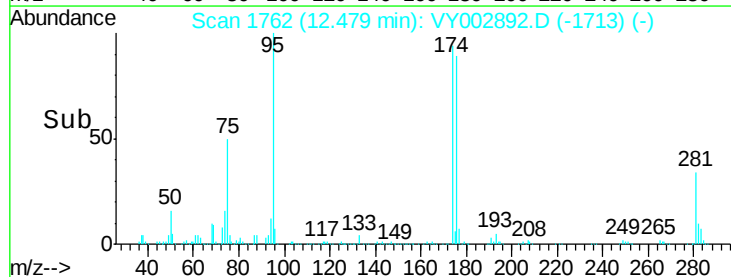
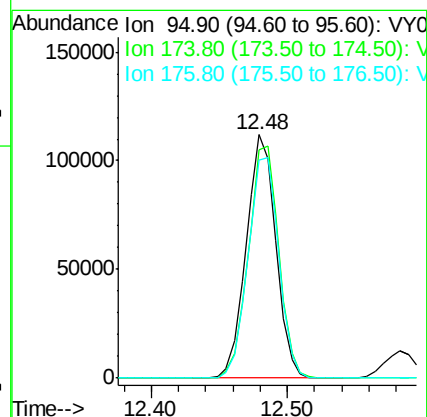
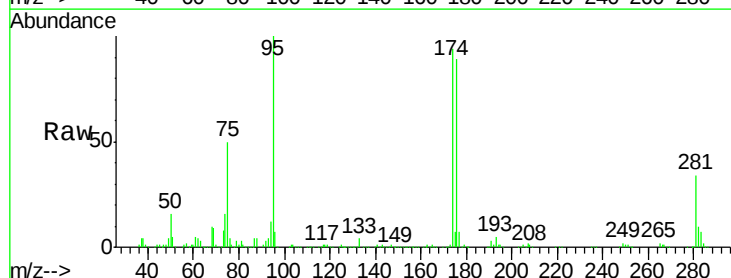
Tgt Ion: 95 Resp: 170056

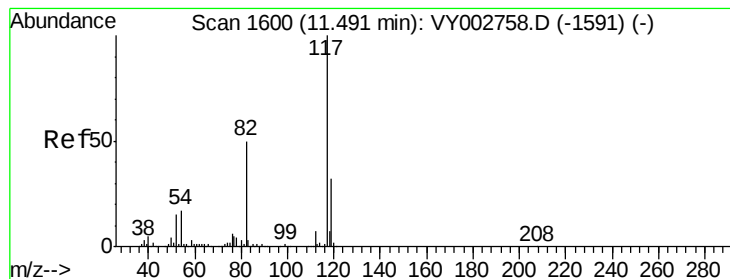
Ion Ratio Lower Upper

95 100

174 98.0 0.0 191.2

176 94.5 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: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

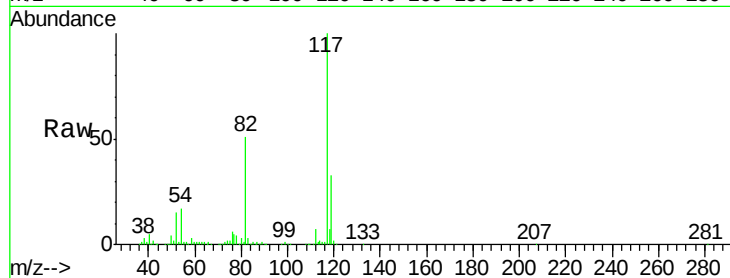
Tot Ion:117 Resp: 377571

Ion Ratio Lower Upper

117 100

82 50.8 40.2 60.4

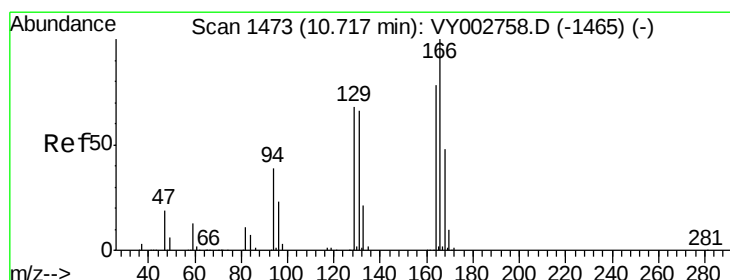
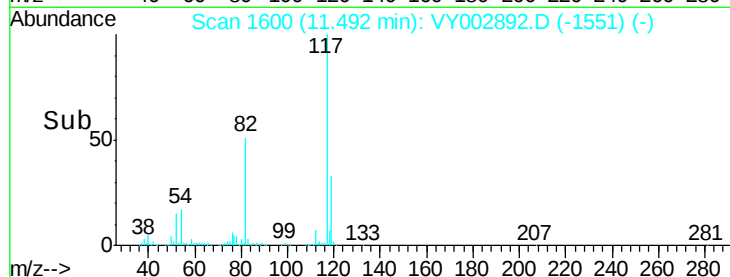
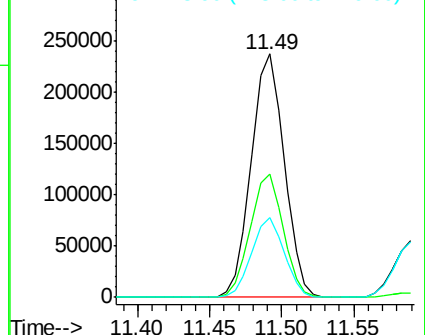
119 32.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.039 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Tgt Ion:164 Resp: 157987

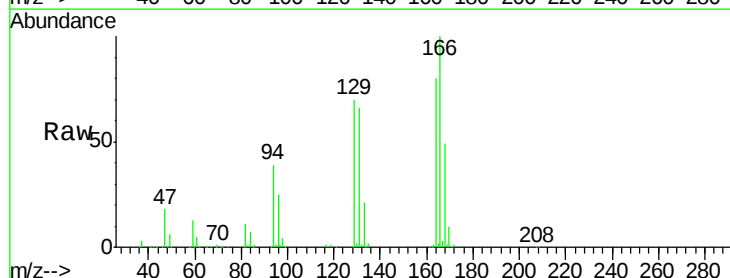
Ion Ratio Lower Upper

164 100

166 124.5 102.3 153.5

129 86.8 69.4 104.2

131 82.5 67.8 101.6

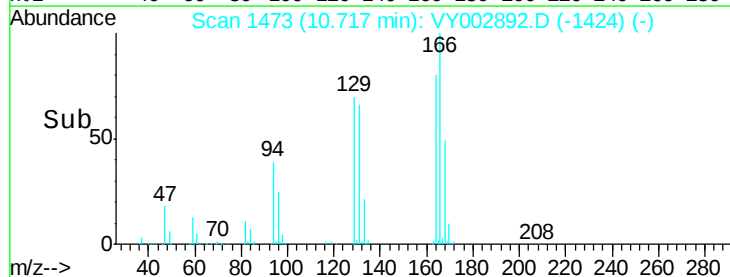
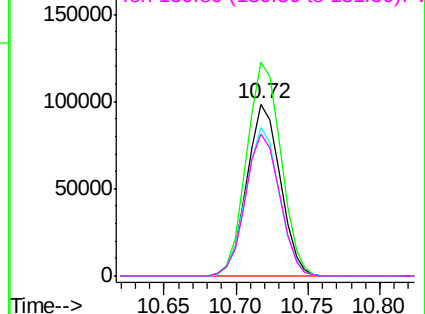


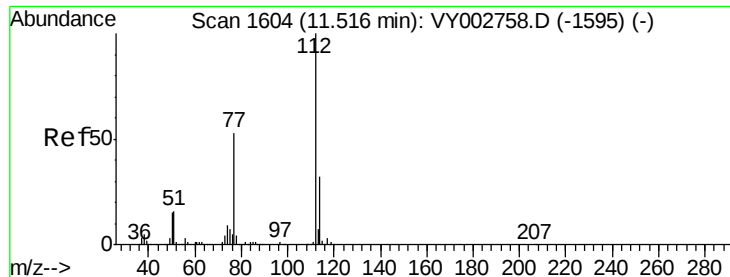
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

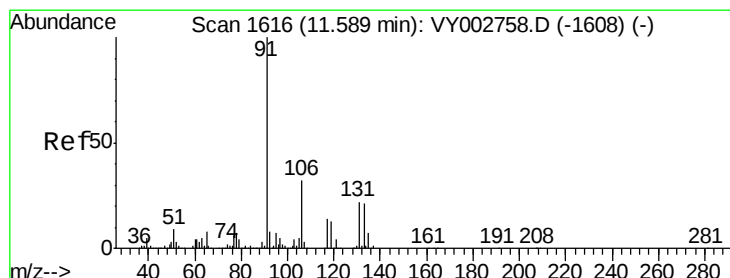
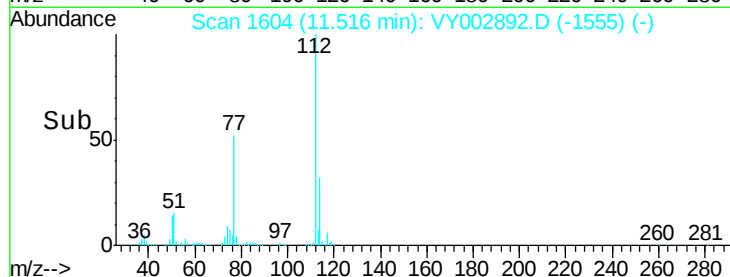
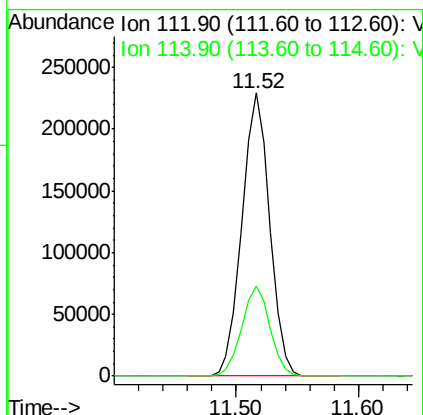
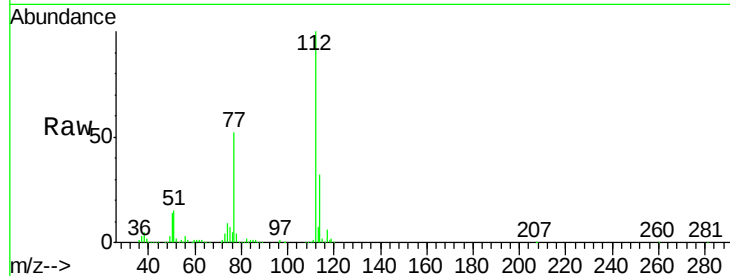




#65
Chlorobenzene
Concen: 48.398 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

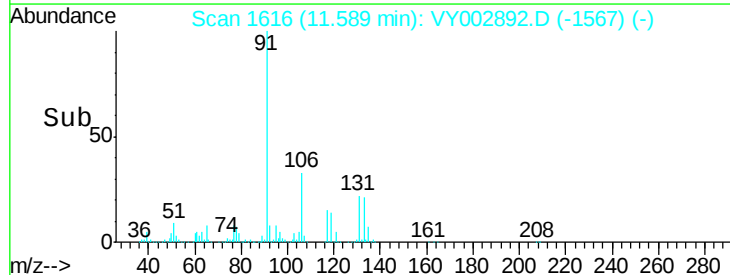
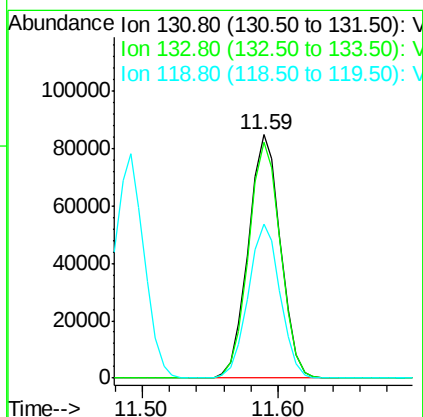
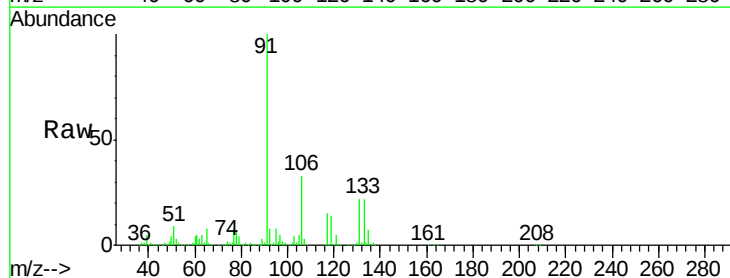
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

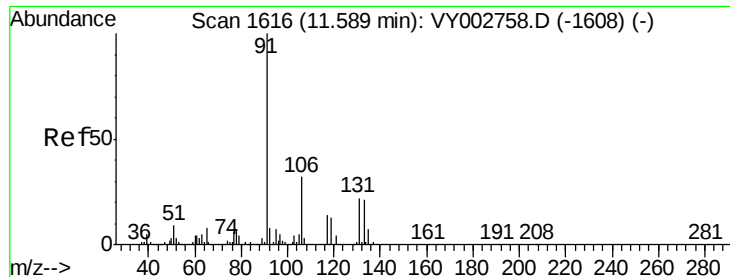
Tot Ion:112 Resp: 361176
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.103 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion:131 Resp: 140820
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 62.9 31.7 95.1





#67

Ethyl Benzene

Concen: 48.565 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

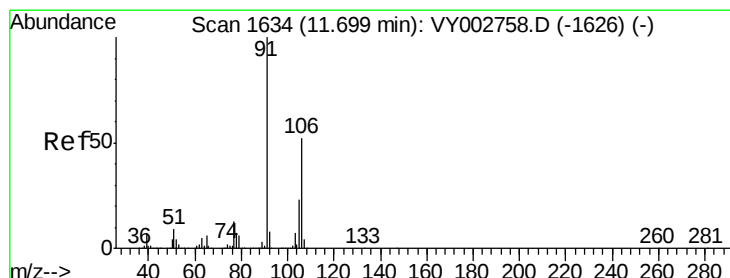
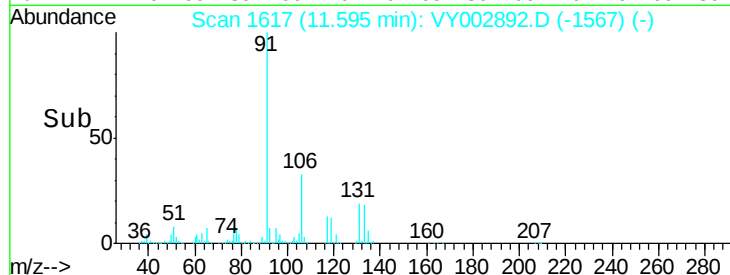
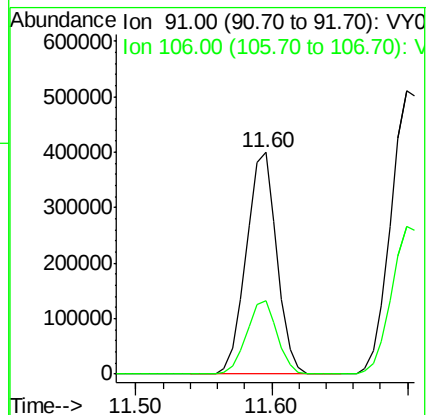
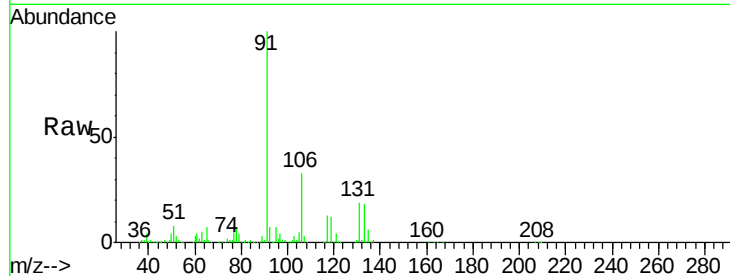
VSTDCCC050

Tot Ion: 91 Resp: 628315

Ion Ratio Lower Upper

91 100

106 33.0 25.7 38.5



#68

m/p-Xylenes

Concen: 97.574 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002892.D

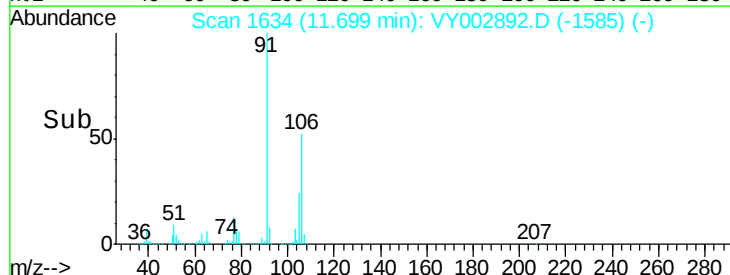
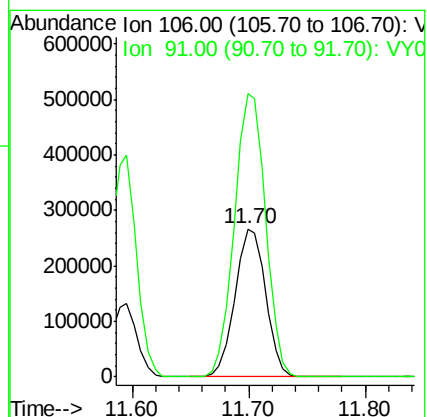
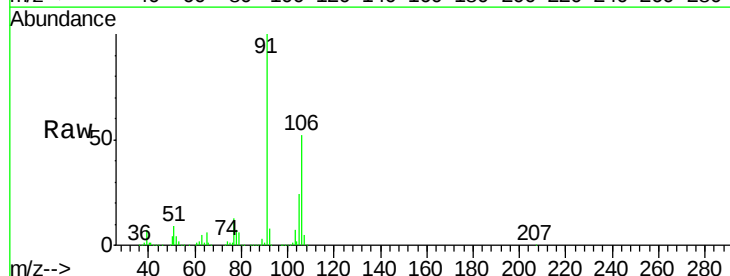
Acq: 15 Jun 2020 09:58

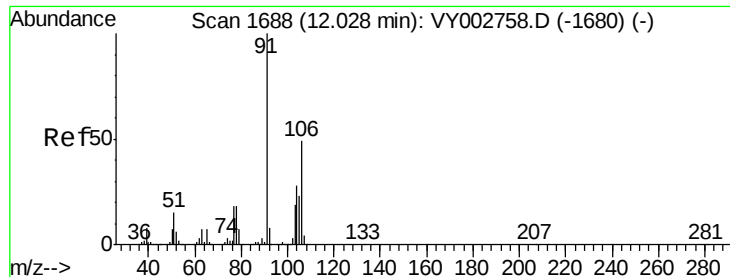
Tgt Ion: 106 Resp: 489440

Ion Ratio Lower Upper

106 100

91 194.4 156.0 234.0

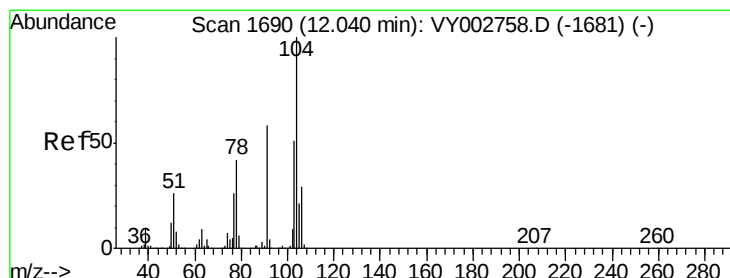
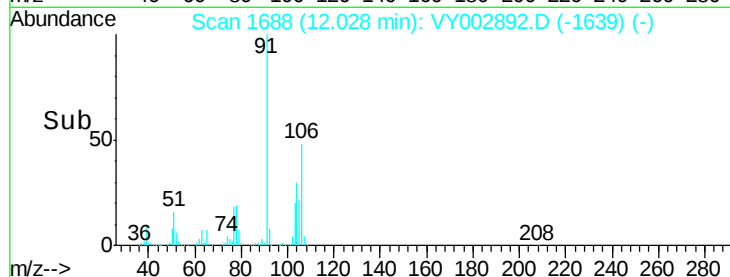
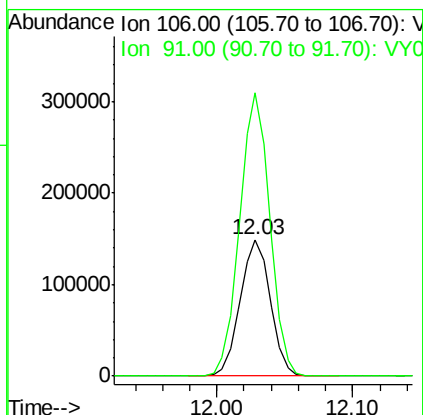
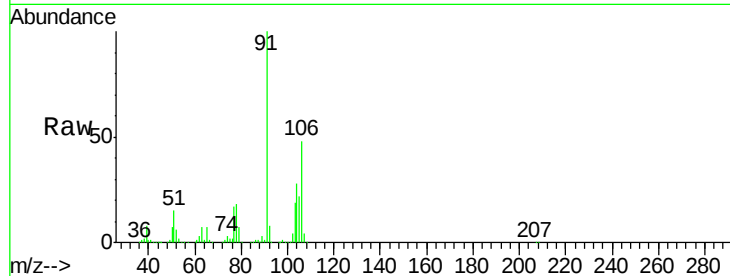




#69
o-Xylene
Concen: 48.796 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

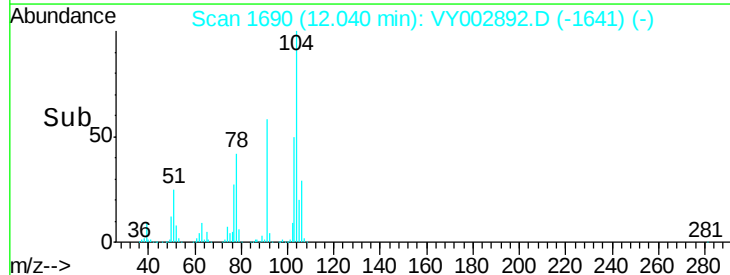
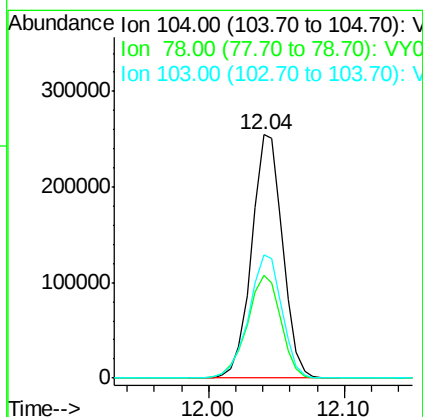
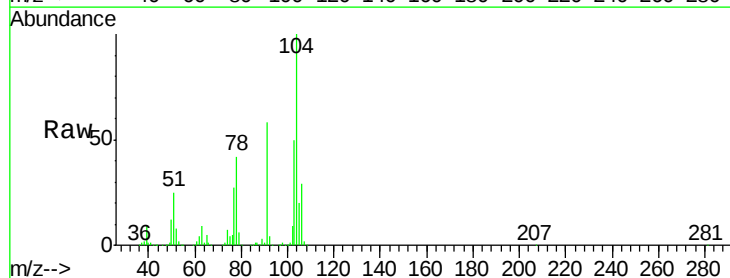
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

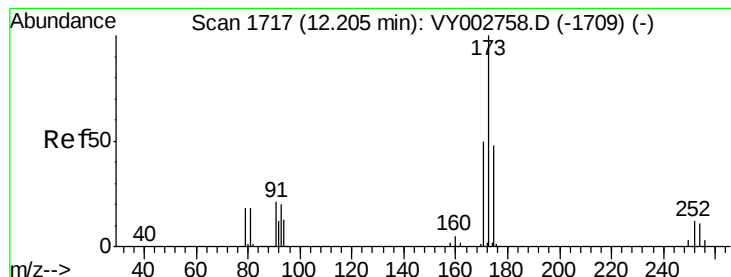
Tot Ion:106 Resp: 231070
Ion Ratio Lower Upper
106 100
91 206.8 102.4 307.1



#70
Styrene
Concen: 49.467 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion:104 Resp: 406075
Ion Ratio Lower Upper
104 100
78 46.1 36.2 54.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 50.523 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

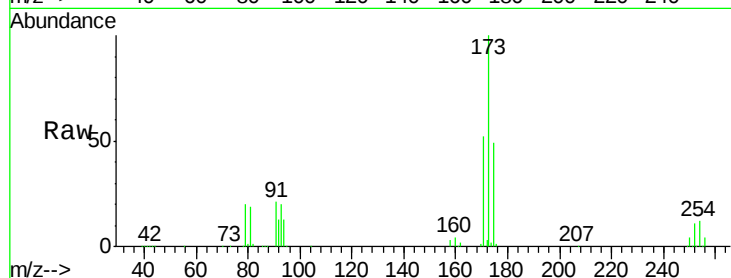
Tot Ion:173 Resp: 95016

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

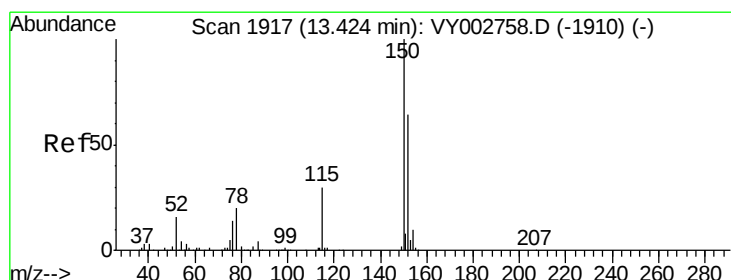
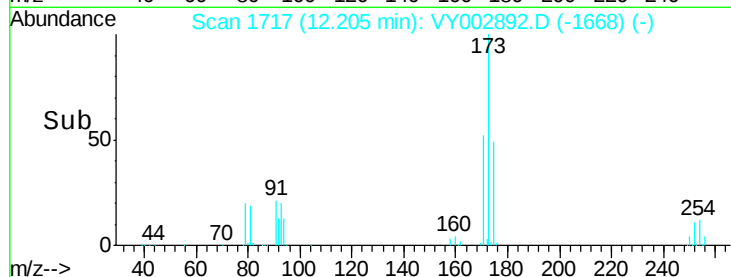
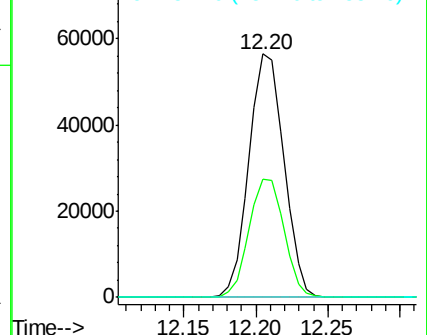
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

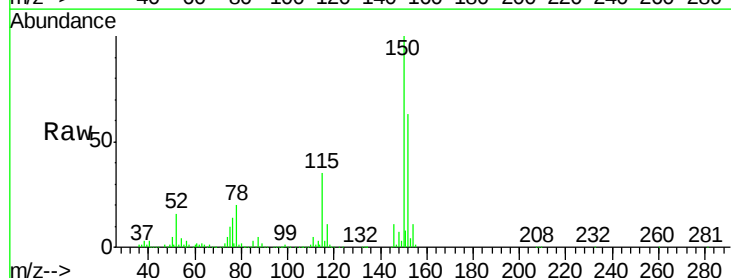
Tgt Ion:152 Resp: 207886

Ion Ratio Lower Upper

152 100

115 53.5 27.0 81.0

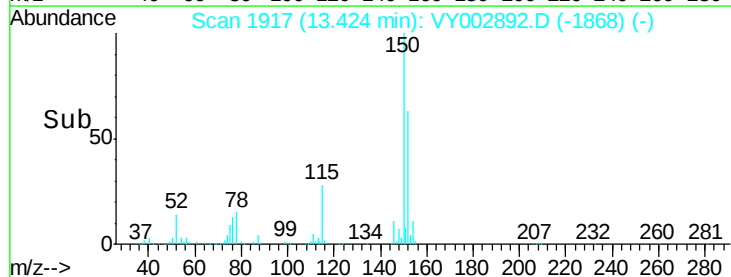
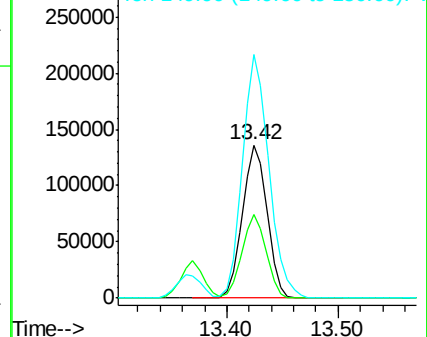
150 171.5 0.0 344.8

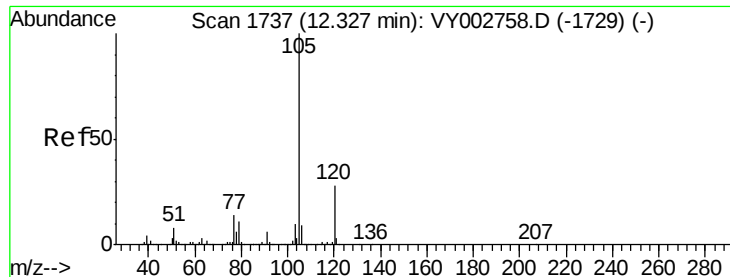


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.919 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

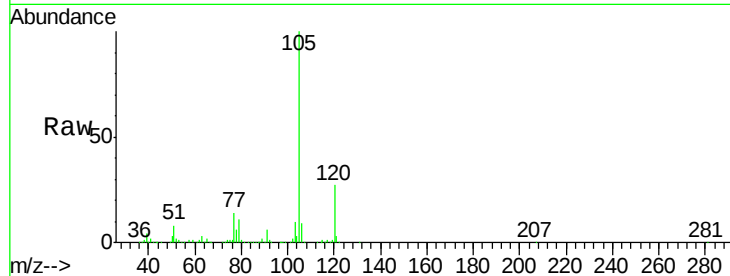
VSTDCCC050

Tot Ion:105 Resp: 638391

Ion Ratio Lower Upper

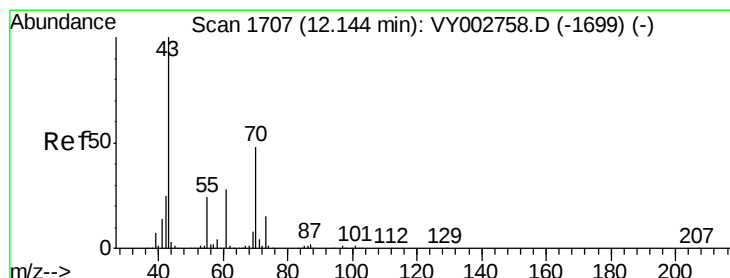
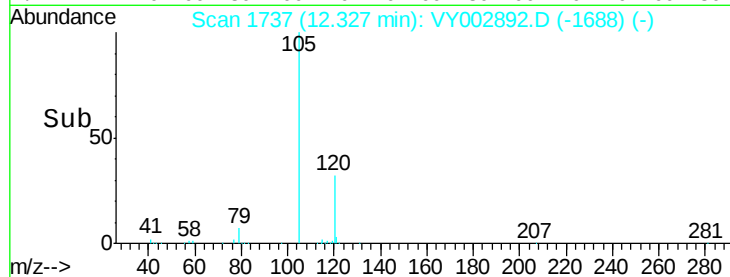
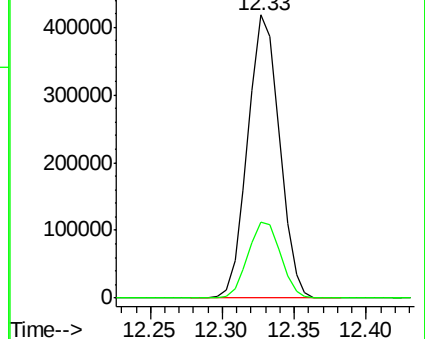
105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.202 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Tgt Ion: 43 Resp: 161347

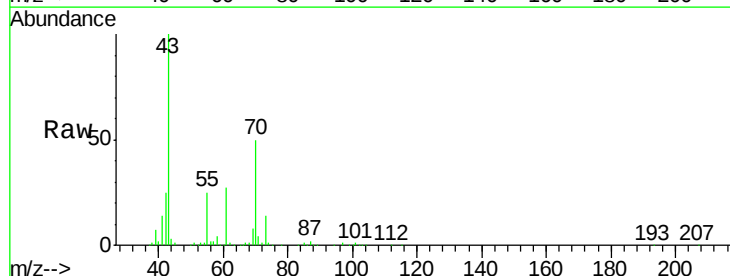
Ion Ratio Lower Upper

43 100

70 48.3 37.7 56.5

55 24.8 19.8 29.6

61 27.1 21.7 32.5

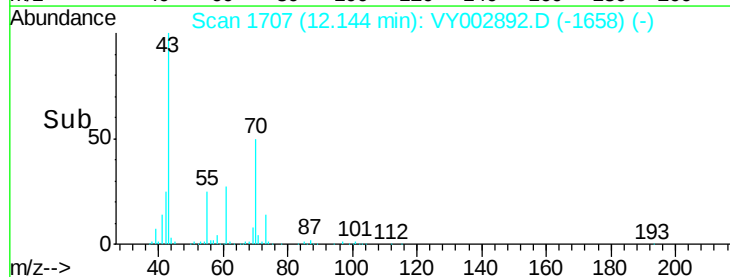
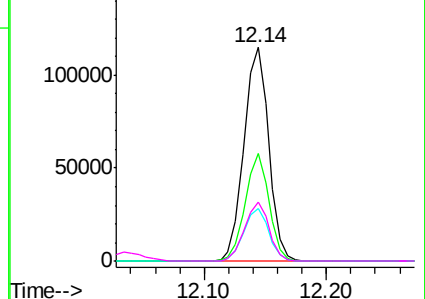


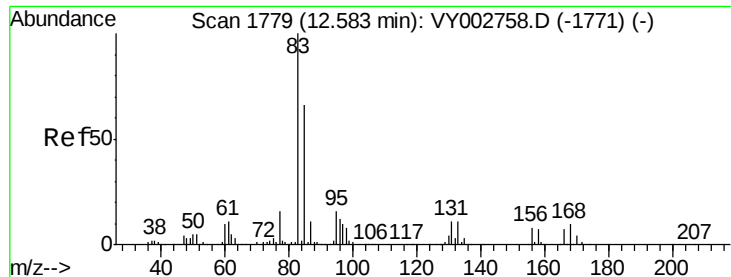
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.767 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

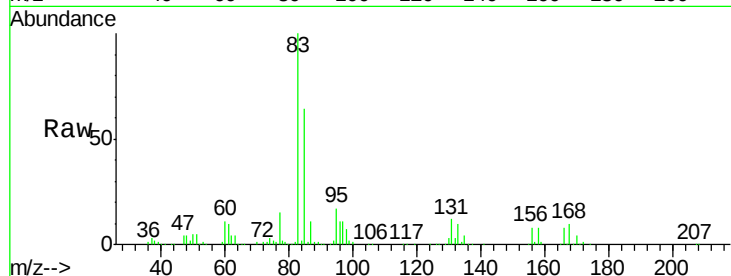
Tot Ion: 83 Resp: 116328

Ion Ratio Lower Upper

83 100

131 12.1 5.8 17.4

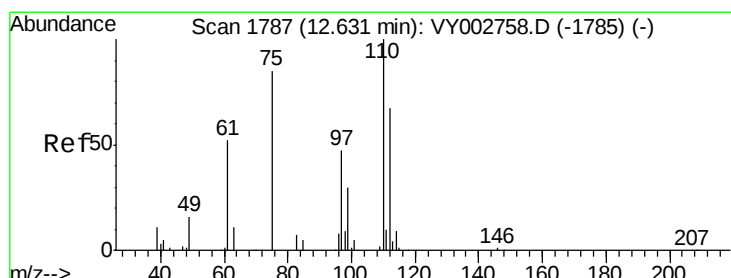
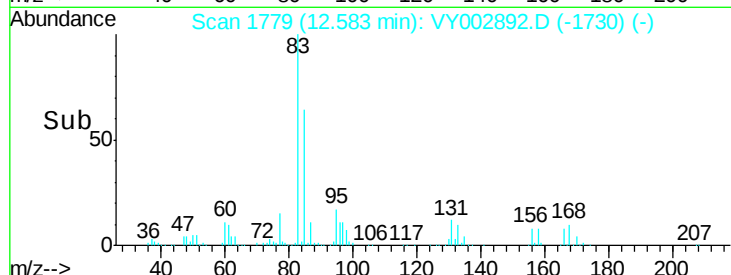
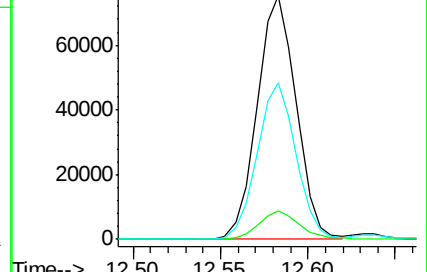
85 64.2 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002892.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002892.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002892.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 89.146 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002892.D

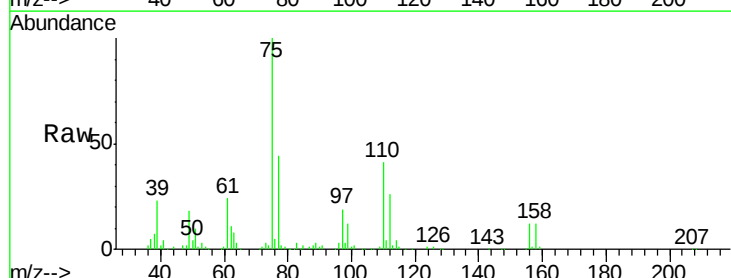
Acq: 15 Jun 2020 09:58

Tgt Ion: 75 Resp: 166988

Ion Ratio Lower Upper

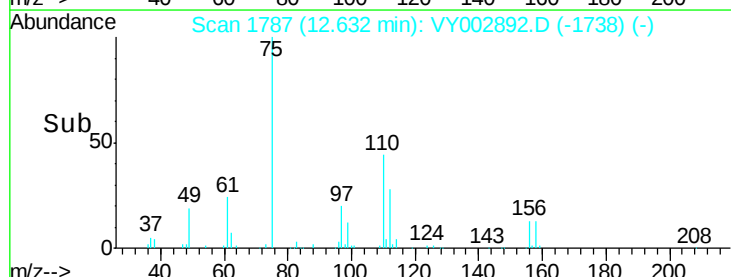
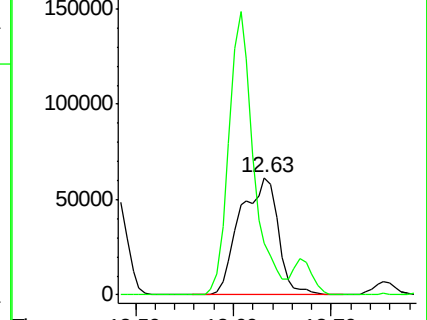
75 100

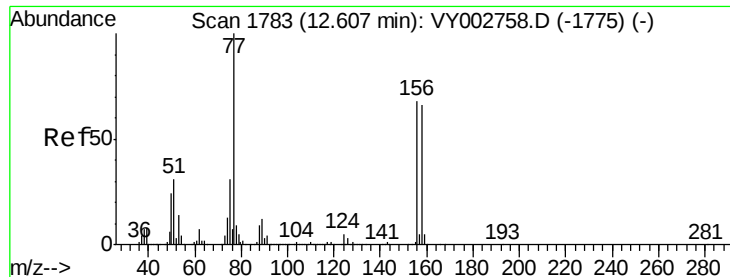
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002892.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002892.D (-1738) (-)





#77

Bromobenzene

Concen: 47.917 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

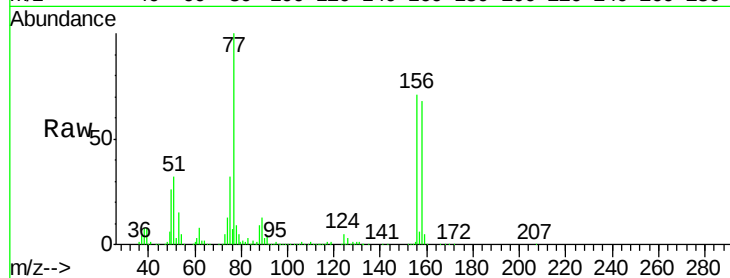
Tot Ion:156 Resp: 166219

Ion Ratio Lower Upper

156 100

77 158.9 81.4 244.2

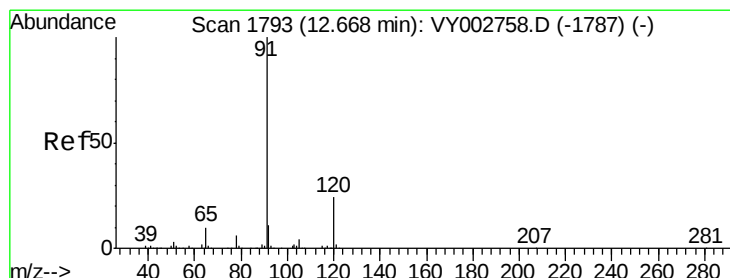
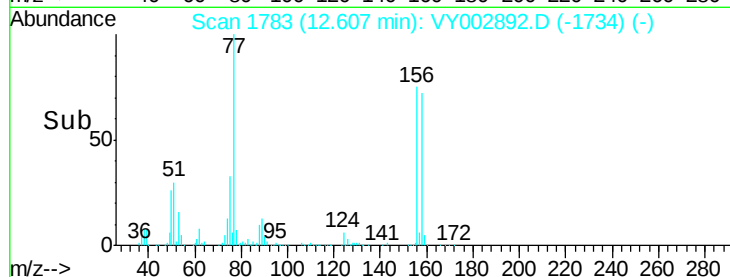
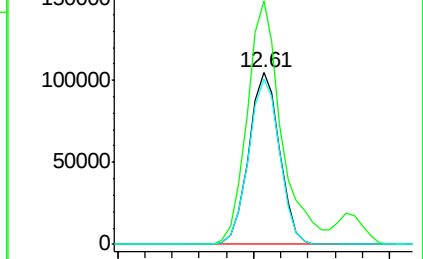
158 97.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.364 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002892.D

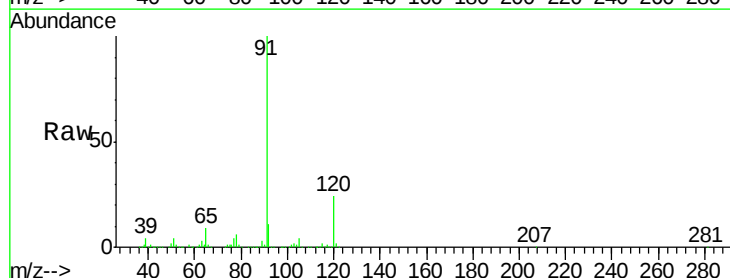
Acq: 15 Jun 2020 09:58

Tgt Ion: 91 Resp: 744260

Ion Ratio Lower Upper

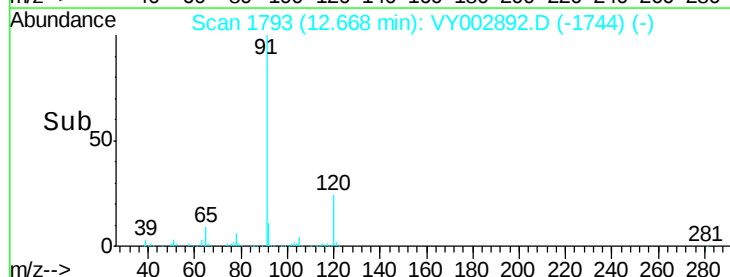
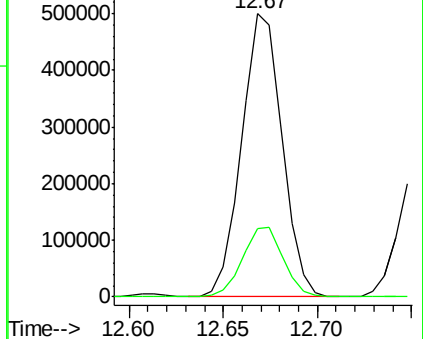
91 100

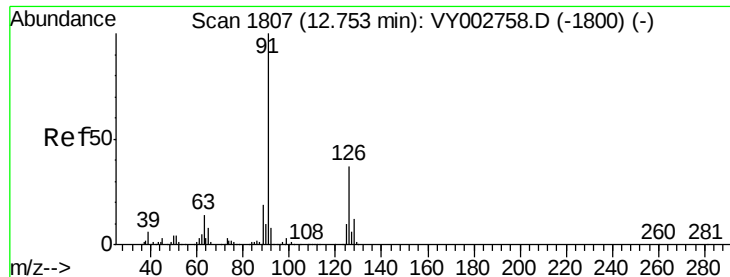
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.756 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

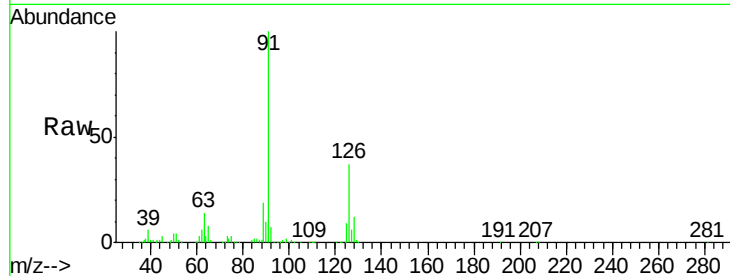
VSTDCCC050

Tot Ion: 91 Resp: 412246

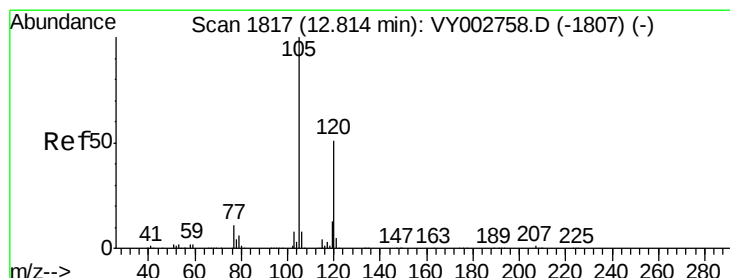
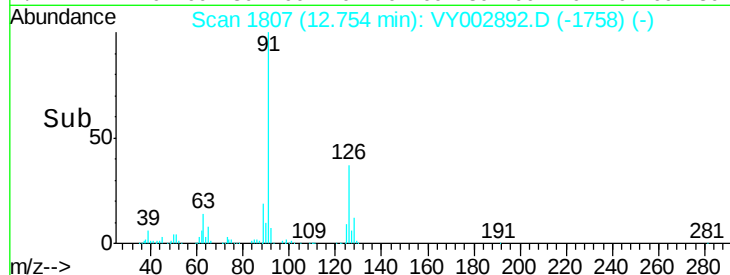
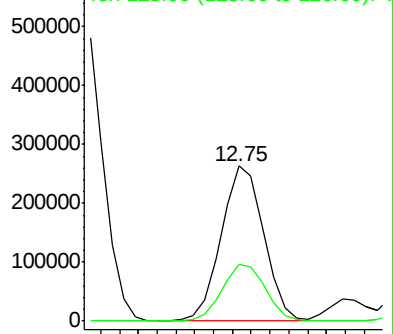
Ion Ratio Lower Upper

91 100

126 37.2 18.4 55.4



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



#80

1,3,5-Trimethylbenzene

Concen: 48.419 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002892.D

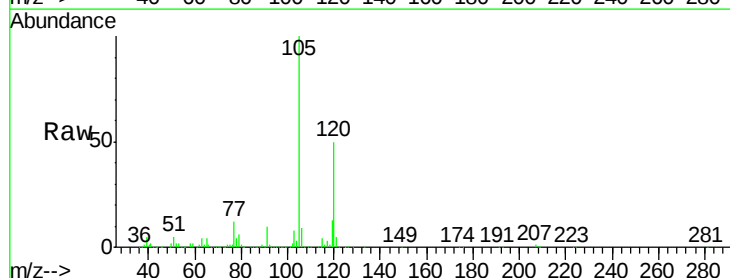
Acq: 15 Jun 2020 09:58

Tgt Ion: 105 Resp: 538590

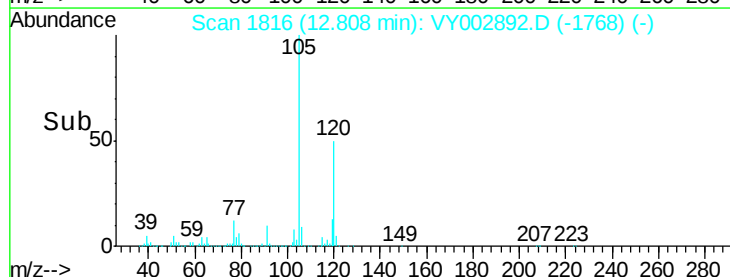
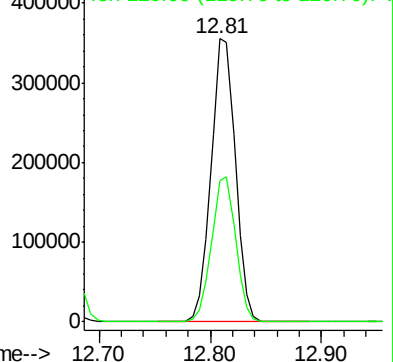
Ion Ratio Lower Upper

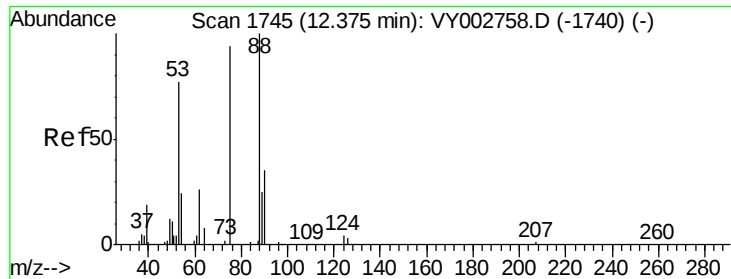
105 100

120 50.9 25.3 75.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 48.316 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

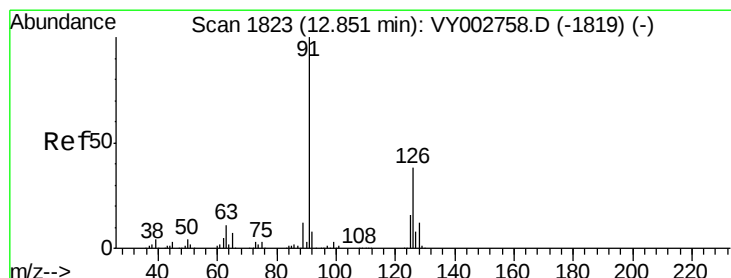
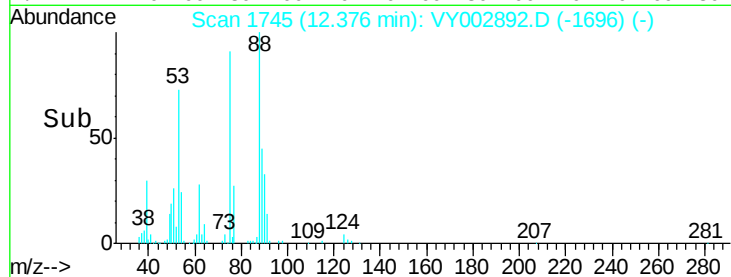
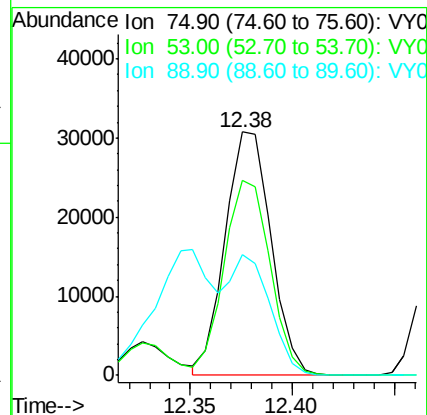
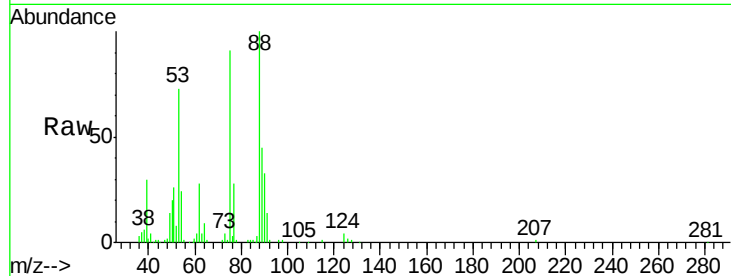
Tot Ion: 75 Resp: 48039

Ion Ratio Lower Upper

75 100

53 80.5 64.0 96.0

89 44.3 37.4 56.2



#82

4-Chlorotoluene

Concen: 47.875 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002892.D

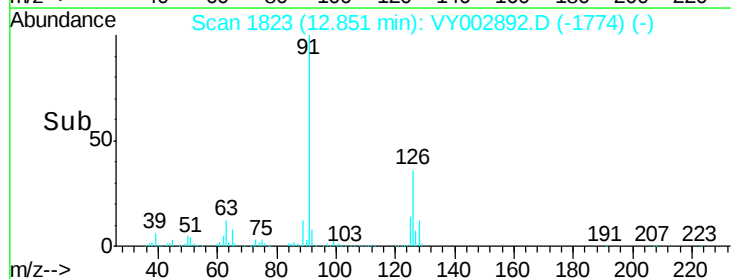
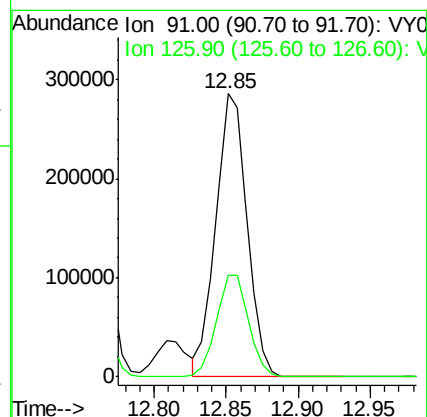
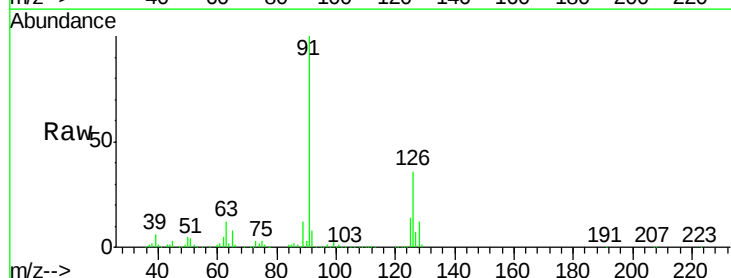
Acq: 15 Jun 2020 09:58

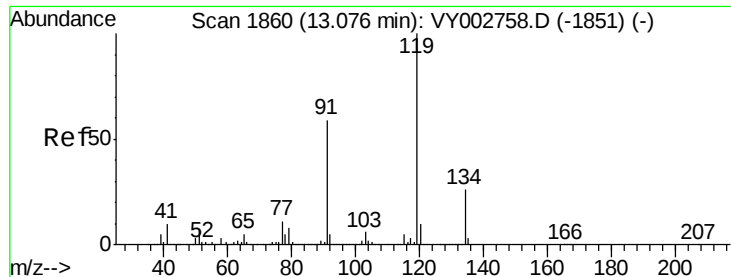
Tgt Ion: 91 Resp: 432991

Ion Ratio Lower Upper

91 100

126 37.1 18.5 55.5

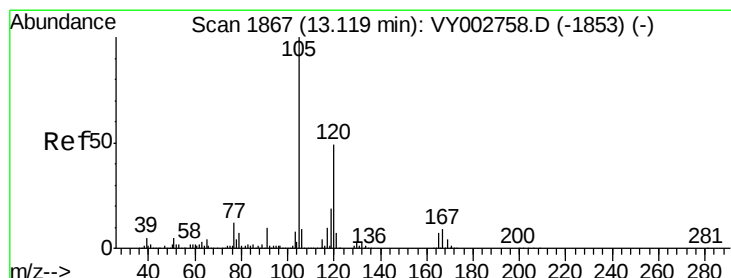
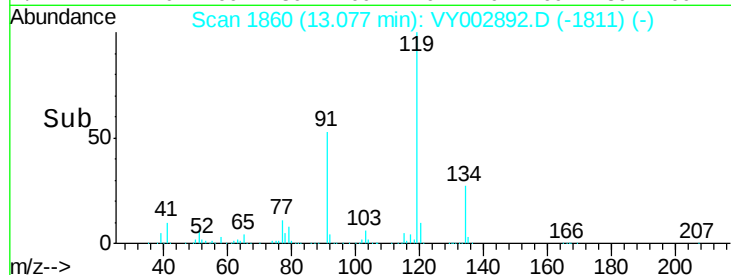
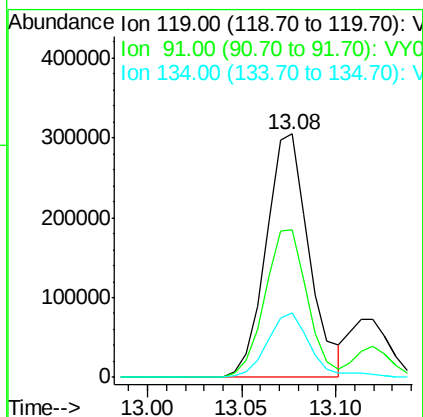
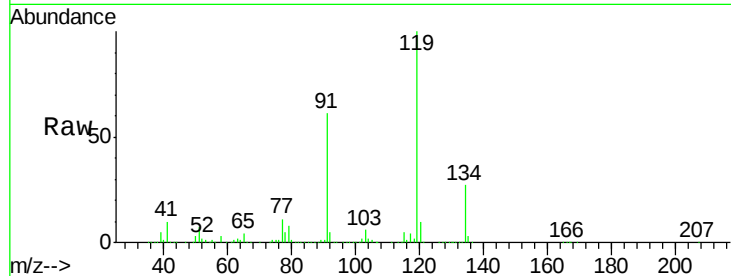




#83
tert-Butylbenzene
Concen: 48.611 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

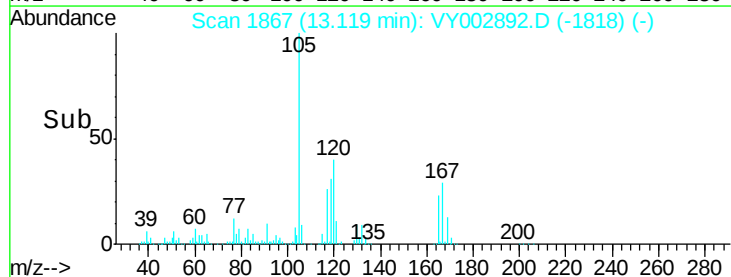
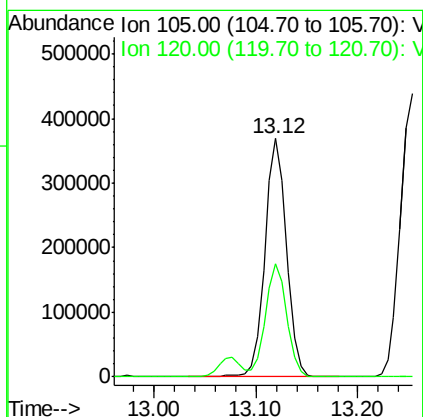
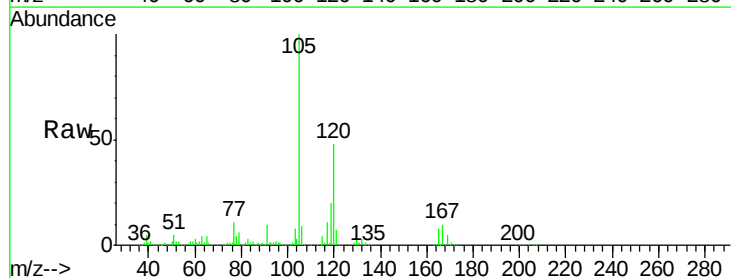
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

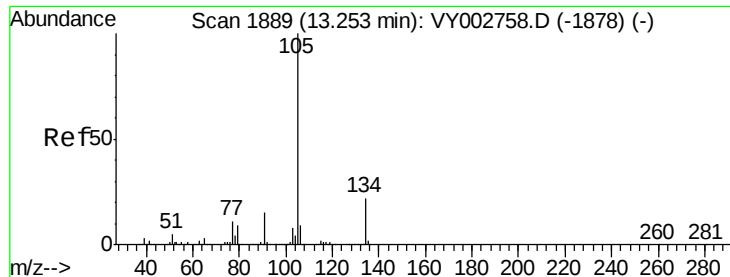
Tot Ion:119 Resp: 482330
Ion Ratio Lower Upper
119 100
91 59.9 29.8 89.4
134 26.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 48.222 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion:105 Resp: 539351
Ion Ratio Lower Upper
105 100
120 46.6 23.6 70.8





#85

sec-Butylbenzene

Concen: 48.403 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

Instrument :

MSVOA_Y

ClientSampleId :

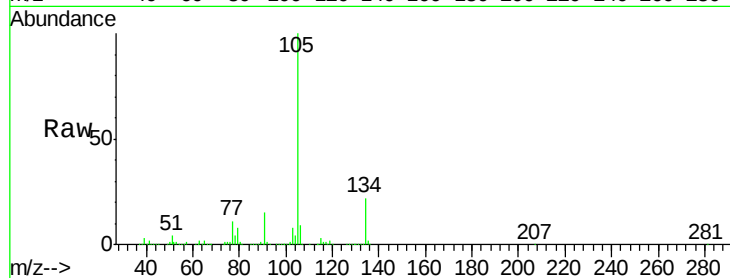
VSTDCCC050

Tot Ion:105 Resp: 656672

Ion Ratio Lower Upper

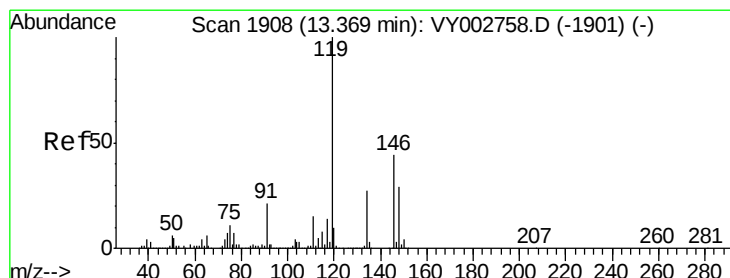
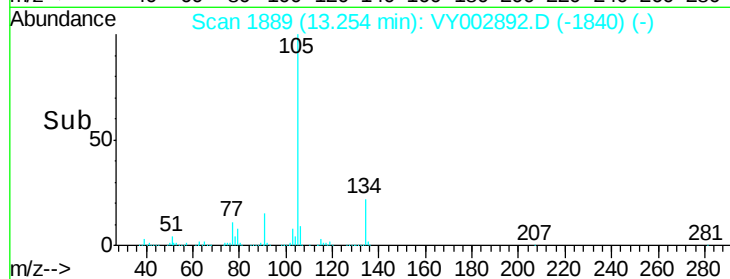
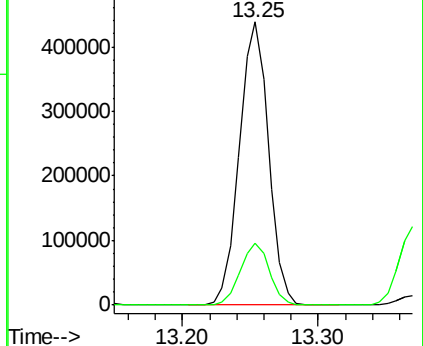
105 100

134 21.8 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: 48.566 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002892.D

Acq: 15 Jun 2020 09:58

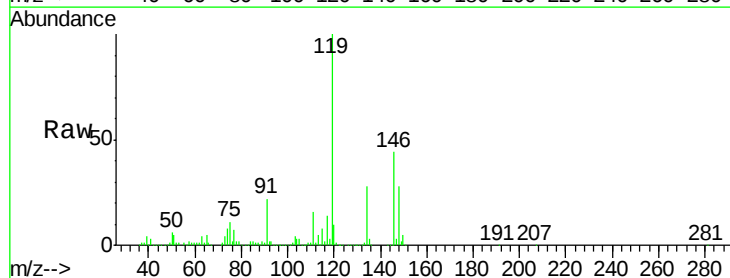
Tgt Ion:119 Resp: 613089

Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.0

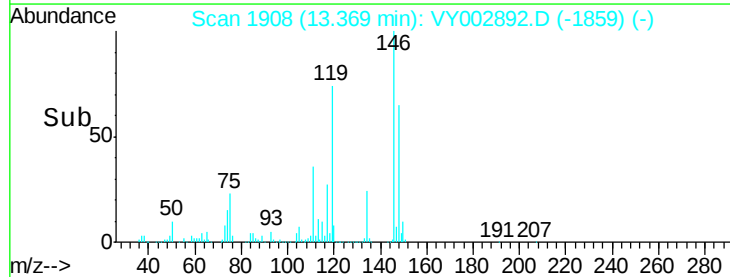
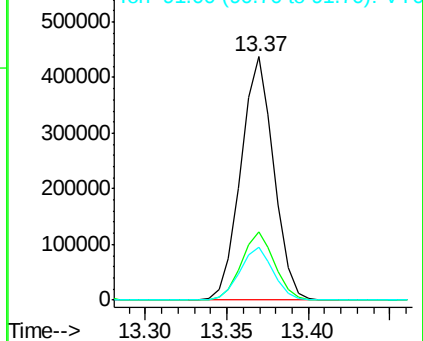
91 21.8 10.8 32.4

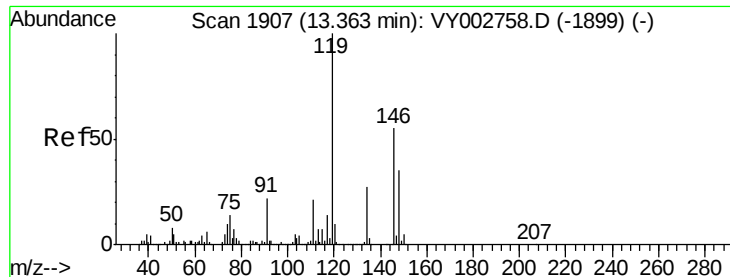


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

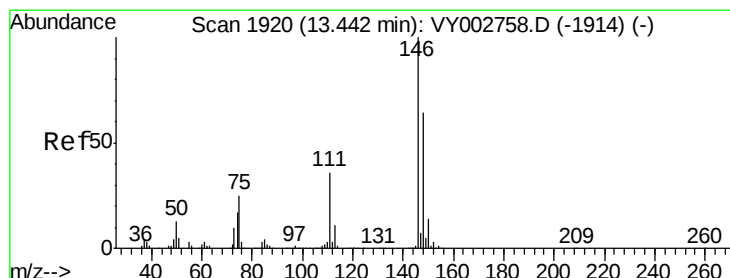
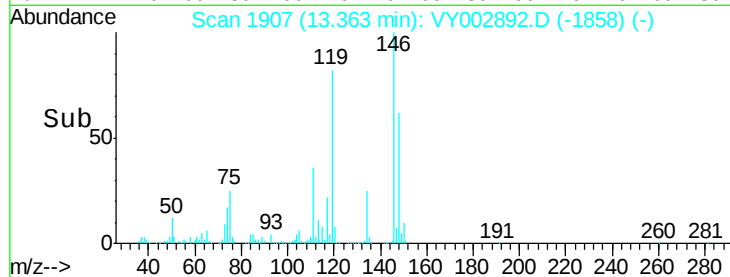
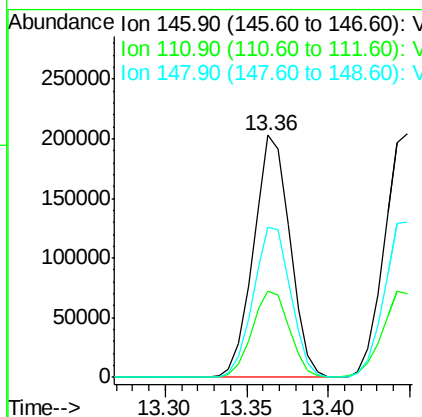
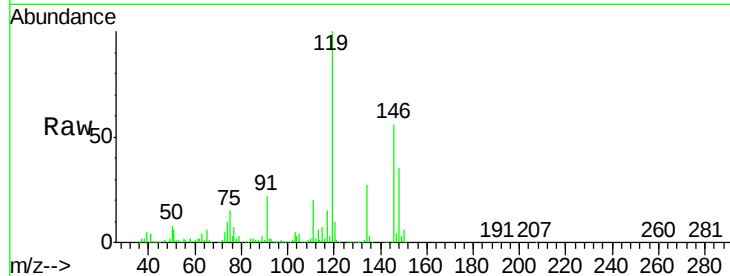




#87
 1,3-Dichlorobenzene
 Concen: 48.022 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

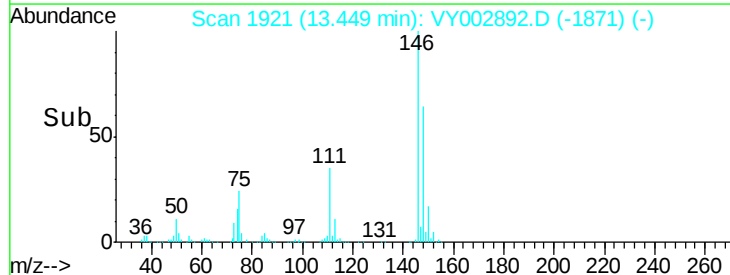
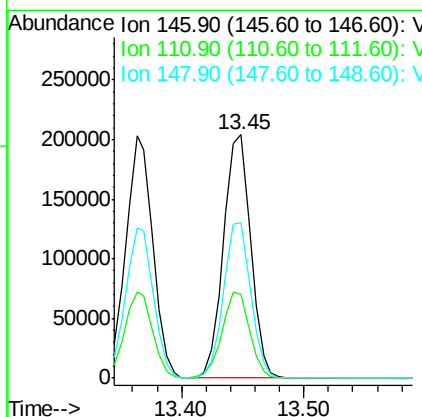
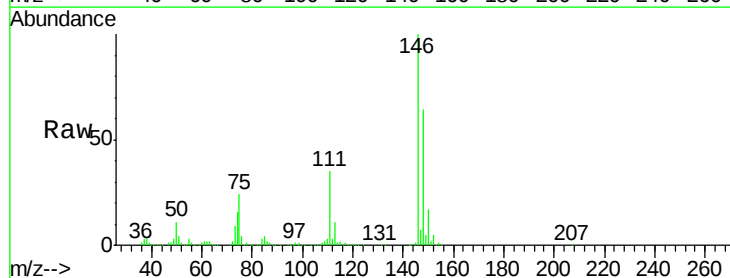
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

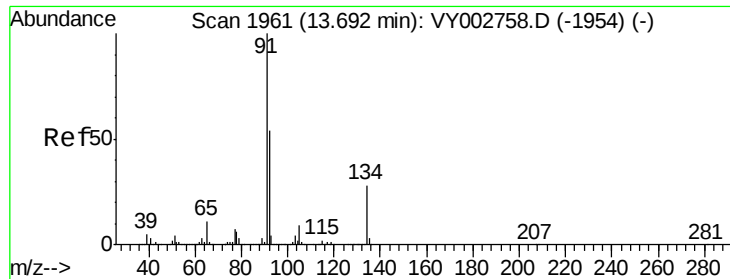
Tot Ion:146 Resp: 315546
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.0
 148 63.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.868 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion:146 Resp: 314640
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.1 54.3
 148 64.0 32.1 96.3

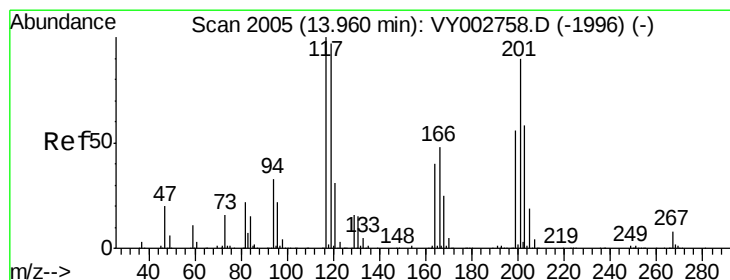
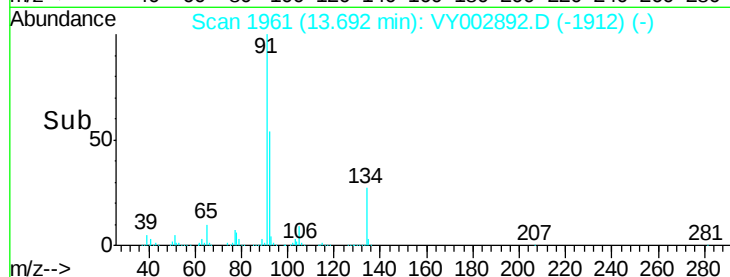
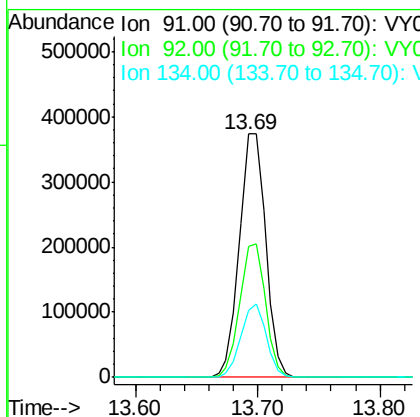
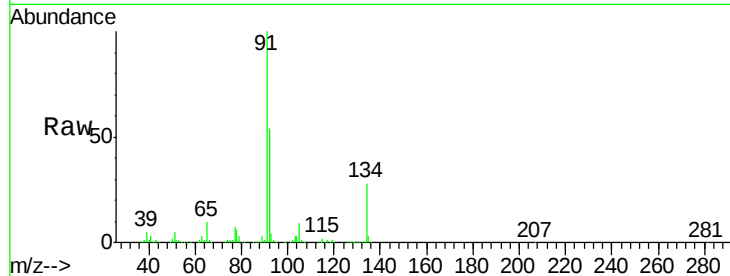




#89
n-Butylbenzene
Concen: 48.653 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

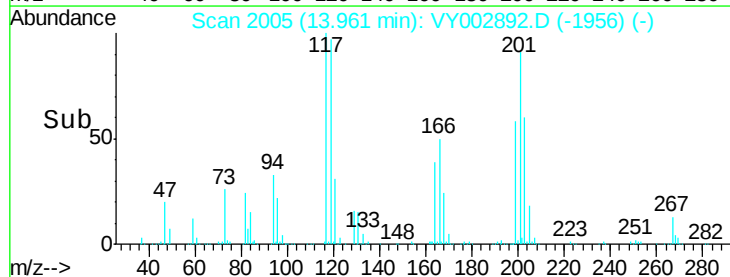
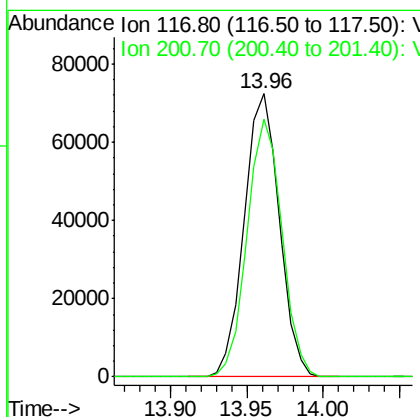
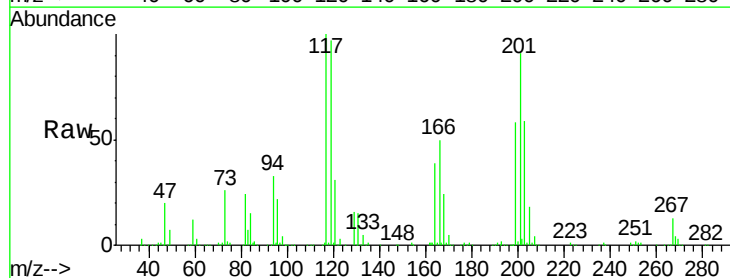
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

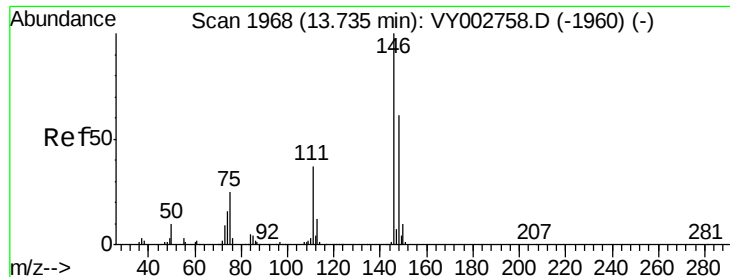
Tot Ion: 91 Resp: 557617
Ion Ratio Lower Upper
91 100
92 53.8 27.1 81.2
134 28.9 14.3 42.9



#90
Hexachloroethane
Concen: 48.938 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion: 117 Resp: 115655
Ion Ratio Lower Upper
117 100
201 90.4 43.9 131.6

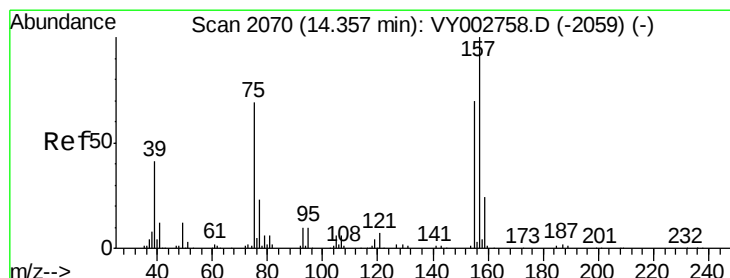
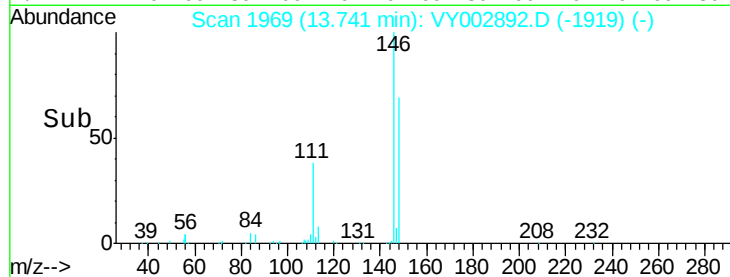
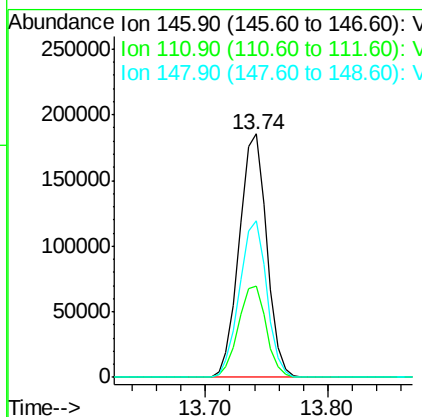
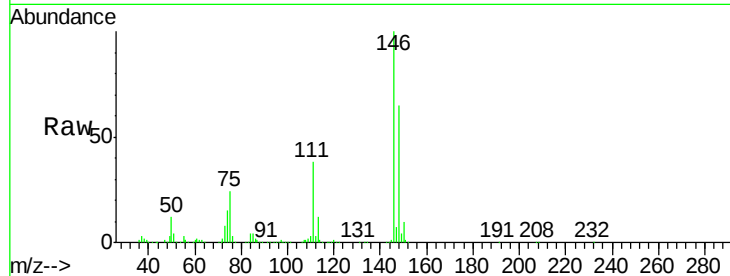




#91
 1,2-Dichlorobenzene
 Concen: 48.296 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

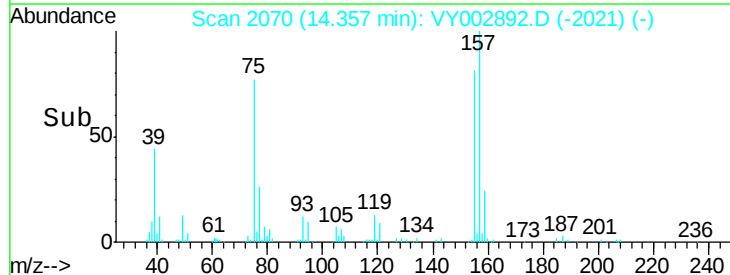
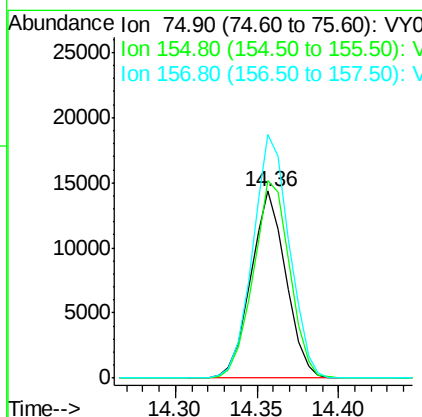
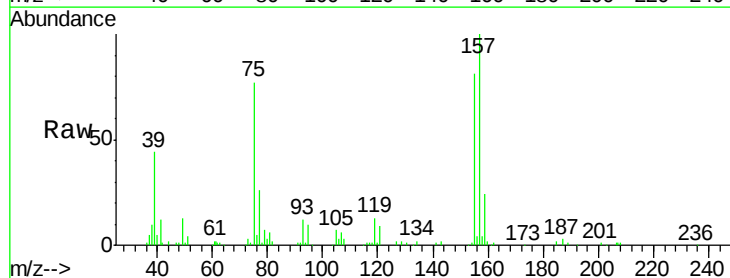
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

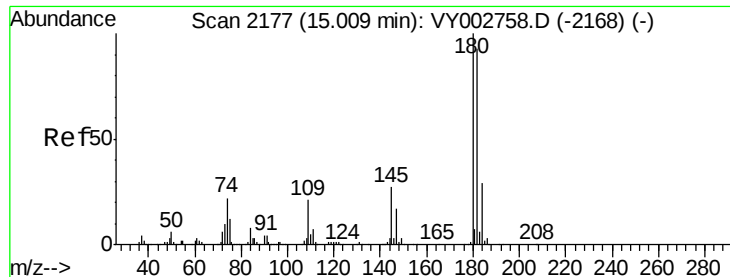
Tot Ion:	146	Resp:	287800
Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.740 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion:	75	Resp:	21469
Ion	Ratio	Lower	Upper
75	100		
155	109.2	53.5	160.5
157	135.1	69.9	209.7

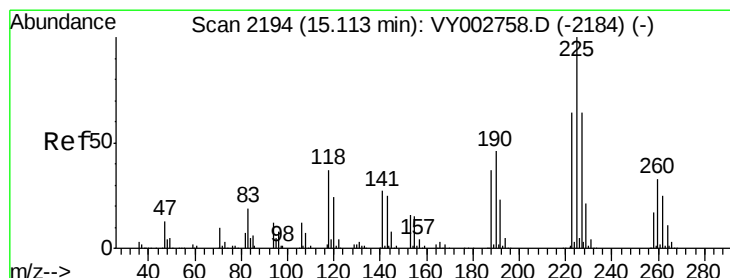
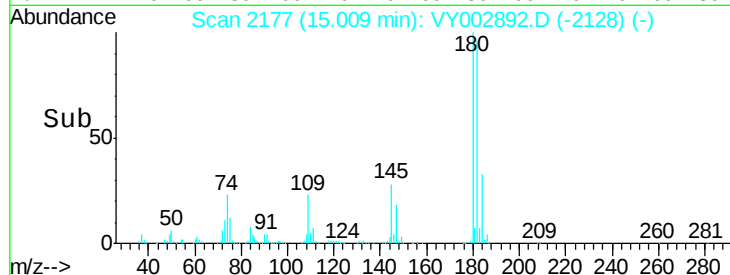
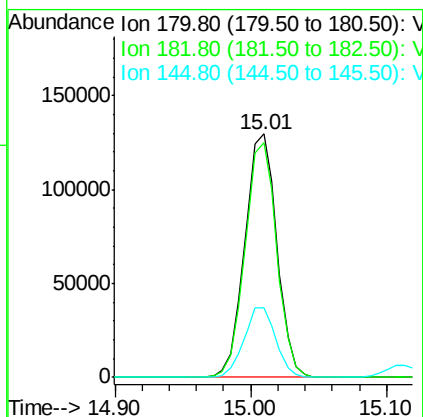
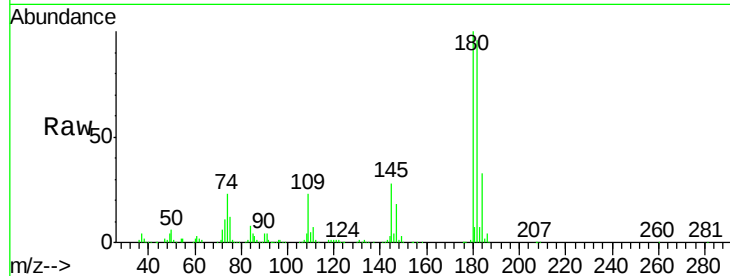




#93
 1,2,4-Trichlorobenzene
 Concen: 47.477 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

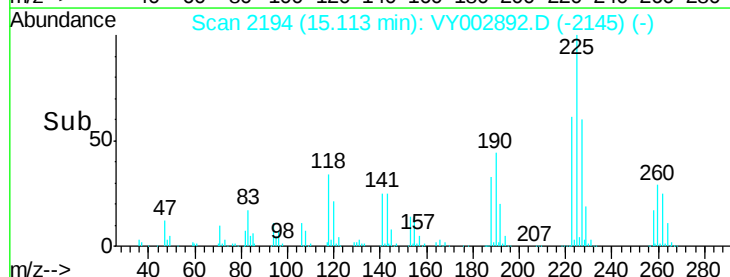
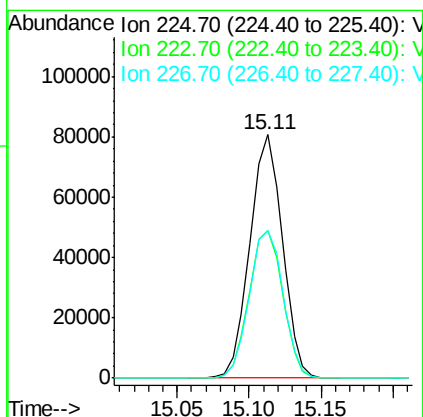
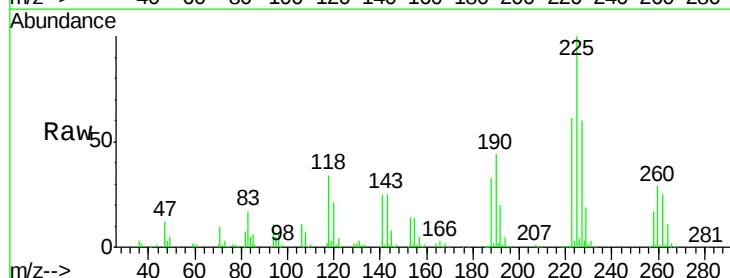
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

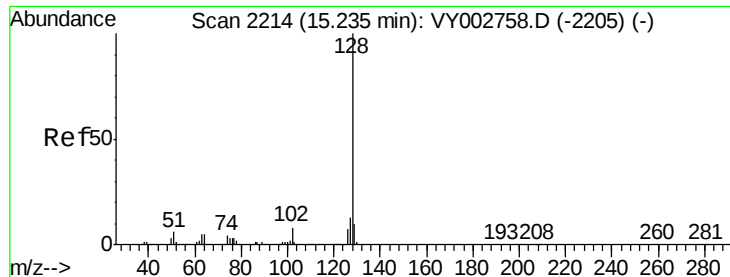
Tot Ion:180 Resp: 213252
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 141.9
 145 28.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 49.448 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002892.D
 Acq: 15 Jun 2020 09:58

Tgt Ion:225 Resp: 125972
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 63.1 32.3 96.9

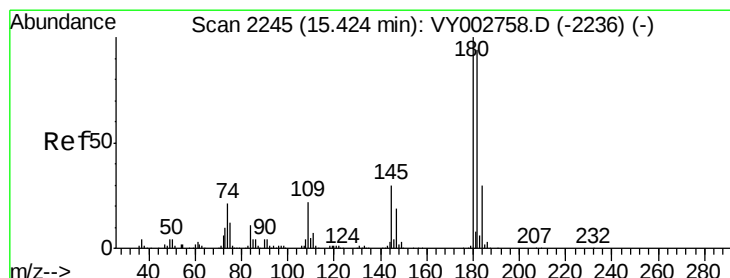
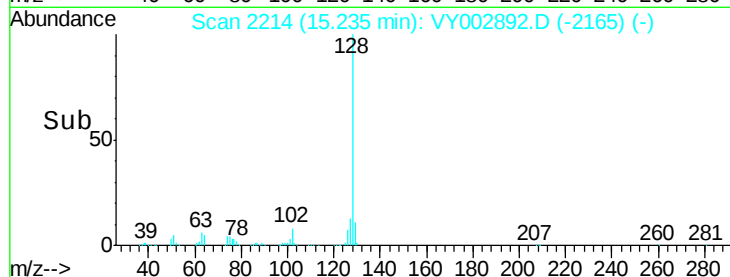
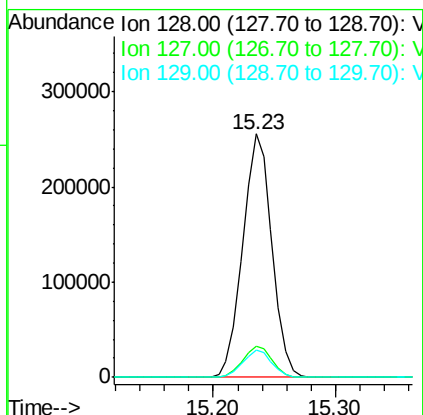
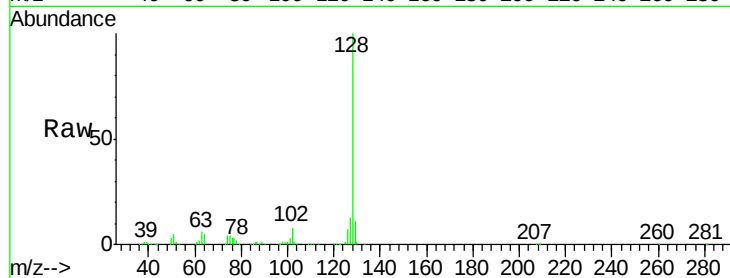




#95
Naphthalene
Concen: 46.733 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 420873
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.602 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002892.D
Acq: 15 Jun 2020 09:58

Tgt Ion:180 Resp: 190931
Ion Ratio Lower Upper
180 100
182 94.6 48.1 144.4
145 29.7 15.1 45.3

