

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
 Data File : VY002802.D
 Acq On : 01 Jun 2020 11:39
 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 01 18:16:04 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	291793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	422965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	395853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	219672	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122566	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.72	113	122775	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.18	98	495675	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.48	95	171203	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	98890	49.254	ug/l	96
3) Chloromethane	2.12	50	108335	48.782	ug/l	99
4) Vinyl Chloride	2.25	62	119525	50.920	ug/l	99
5) Bromomethane	2.66	94	85027	48.337	ug/l	100
6) Chloroethane	2.80	64	73629	48.387	ug/l	98
7) Trichlorofluoromethane	3.13	101	199243	47.926	ug/l	99
8) Diethyl Ether	3.54	74	69286	42.682	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	121699	49.304	ug/l	99
10) Methyl Iodide	4.10	142	168279	48.722	ug/l	99
11) Tert butyl alcohol	4.97	59	65518	240.098	ug/l	100
12) 1,1-Dichloroethene	3.88	96	118781	47.850	ug/l	98
13) Acrolein	3.74	56	84993	286.262	ug/l	99
14) Allyl chloride	4.49	41	166715	46.827	ug/l	98
15) Acrylonitrile	5.18	53	174229	237.911	ug/l	100
16) Acetone	3.96	43	180419	303.689	ug/l	99
17) Carbon Disulfide	4.20	76	344828	45.970	ug/l	99
18) Methyl Acetate	4.49	43	69647	46.656	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	326943	47.709	ug/l	99
20) Methylene Chloride	4.72	84	132505	45.640	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	131896	47.247	ug/l	99
22) Diisopropyl ether	6.13	45	346353	46.815	ug/l	93
23) Vinyl Acetate	6.07	43	1181023	241.786	ug/l	99
24) 1,1-Dichloroethane	6.03	63	205290	47.435	ug/l	99
25) 2-Butanone	7.00	43	232821	251.537	ug/l	99
26) 2,2-Dichloropropane	6.99	77	198880	47.915	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	146905	47.008	ug/l	100
28) Bromochloromethane	7.35	49	85710	48.243	ug/l	98
29) Tetrahydrofuran	7.36	42	142189	236.169	ug/l	99
30) Chloroform	7.52	83	221896	48.317	ug/l	95
31) Cyclohexane	7.79	56	195040	45.390	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	207248	48.428	ug/l	99
36) 1,1-Dichloropropene	7.92	75	175323	49.207	ug/l	99
37) Ethyl Acetate	7.08	43	92016	47.467	ug/l	98
38) Carbon Tetrachloride	7.91	117	199379	50.373	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	230567	49.095	ug/l	99
40) Benzene	8.17	78	511637	48.599	ug/l	99
41) Methacrylonitrile	7.33	41	56791m	54.532	ug/l	
42) 1,2-Dichloroethane	8.24	62	142633	48.343	ug/l	100
43) Isopropyl Acetate	8.28	43	178465	48.582	ug/l	99
44) Trichloroethene	8.94	130	159824	48.061	ug/l	99
45) 1,2-Dichloropropane	9.22	63	120523	47.738	ug/l	99
46) Dibromomethane	9.31	93	73613	49.096	ug/l	98
47) Bromodichloromethane	9.50	83	175312	49.597	ug/l	100
48) Methyl methacrylate	9.30	41	81108	48.910	ug/l	99
49) 1,4-Dioxane	9.30	88	21054	914.501	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	480550	247.043	ug/l	100
52) Toluene	10.25	92	338307	49.122	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	192724	49.918	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	214448	49.020	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	111565	48.602	ug/l	97
56) Ethyl methacrylate	10.51	69	152656	49.651	ug/l	99
57) 1,3-Dichloropropane	10.79	76	182907	48.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	379175	252.390	ug/l	99
59) 2-Hexanone	10.83	43	357149	258.771	ug/l	100
60) Dibromochloromethane	10.99	129	145712	50.068	ug/l	100
61) 1,2-Dibromoethane	11.09	107	110770	48.918	ug/l	100
64) Tetrachloroethene	10.72	164	174310	48.450	ug/l	97
65) Chlorobenzene	11.52	112	381419	48.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	144319	48.976	ug/l	99
67) Ethyl Benzene	11.59	91	667565	49.216	ug/l	100
68) m/p-Xylenes	11.70	106	521478	99.160	ug/l	100
69) o-Xylene	12.03	106	245790	49.508	ug/l	99
70) Styrene	12.05	104	431653	50.155	ug/l	100
71) Bromoform	12.21	173	99118	50.270	ug/l	100
73) Isopropylbenzene	12.33	105	674199	47.892	ug/l	99
74) N-amyl acetate	12.14	43	173238	47.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	119812	48.507	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	102062m	51.562	ug/l	
77) Bromobenzene	12.61	156	174390	47.575	ug/l	98
78) n-propylbenzene	12.67	91	795421	48.915	ug/l	100
79) 2-Chlorotoluene	12.76	91	436168	47.817	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	571299	48.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	50587	48.149	ug/l	93
82) 4-Chlorotoluene	12.86	91	464790	48.634	ug/l	100
83) tert-Butylbenzene	13.08	119	504274	48.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	575385	48.684	ug/l	100
85) sec-Butylbenzene	13.25	105	700084	48.834	ug/l	100
86) p-Isopropyltoluene	13.37	119	656380	49.206	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	334890	48.232	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	333135	47.963	ug/l	100
89) n-Butylbenzene	13.70	91	594291	49.071	ug/l	99
90) Hexachloroethane	13.96	117	121711	48.737	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	302552	48.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23205	48.832	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

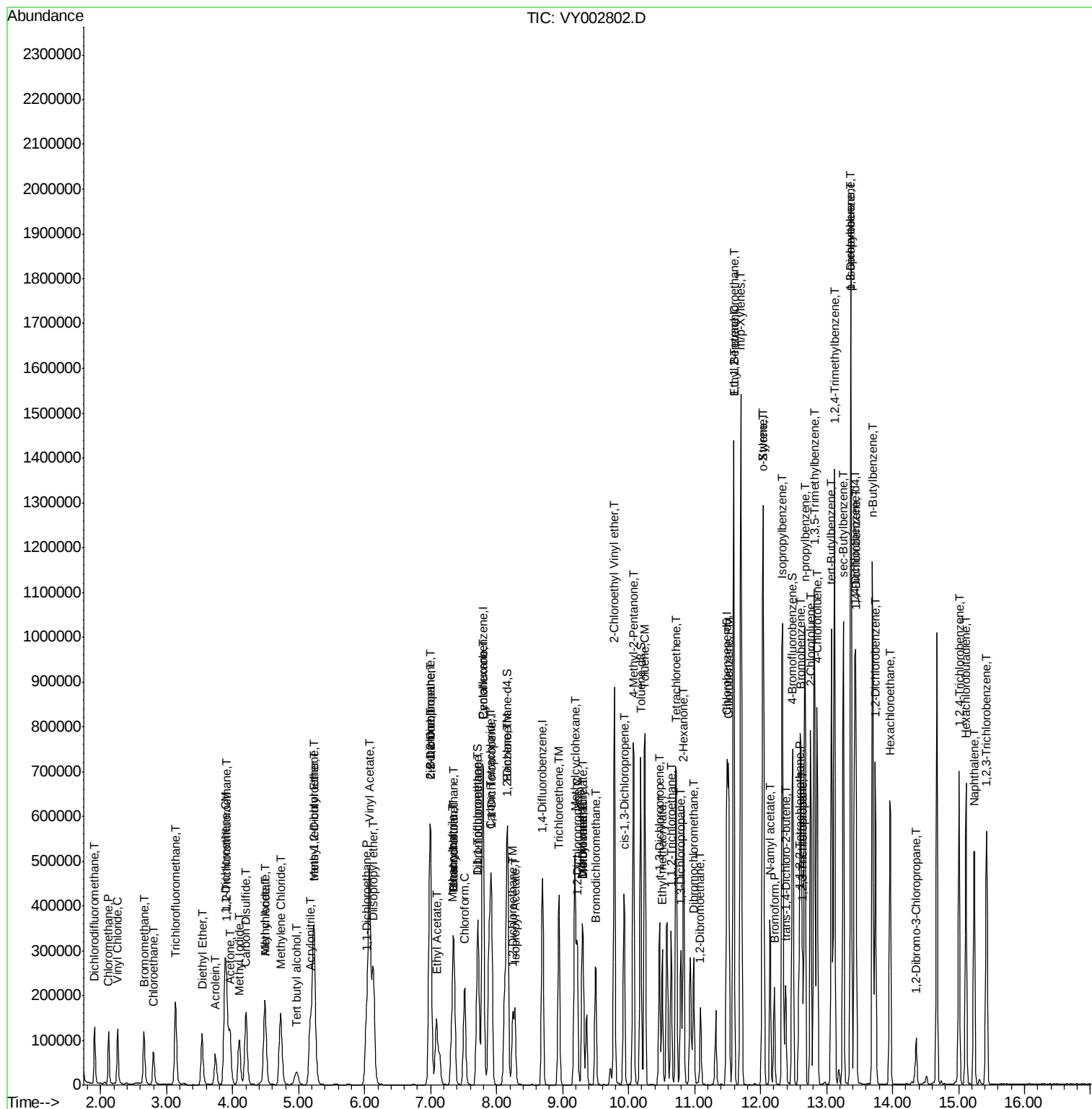
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	228644	48.173	ug/l	99
94) Hexachlorobutadiene	15.11	225	132399	49.182	ug/l	100
95) Naphthalene	15.24	128	459970	48.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	202548	47.789	ug/l	100

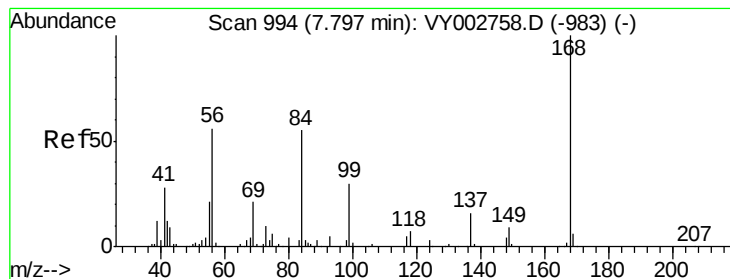
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

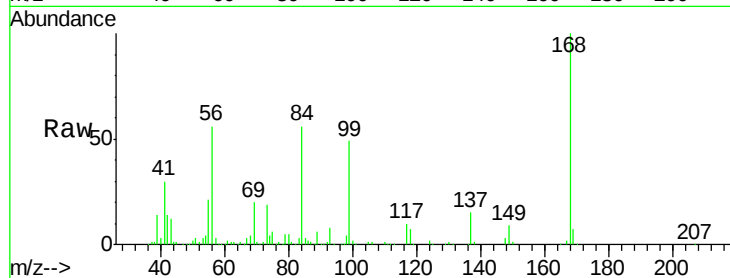
VSTDCCC050

Tot Ion:168 Resp: 291793

Ion Ratio Lower Upper

168 100

99 49.1 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

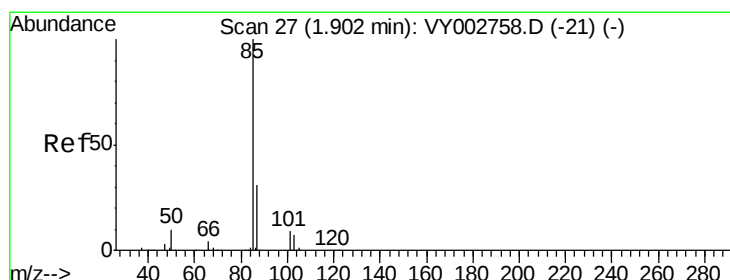
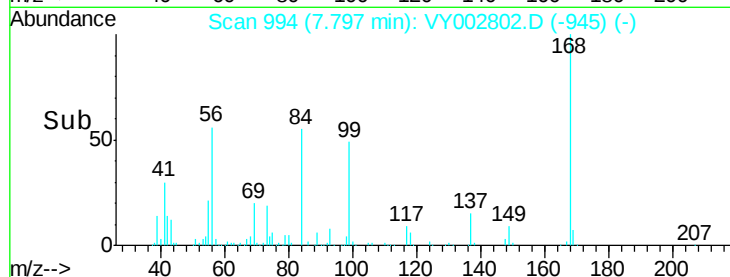
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.254 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002802.D

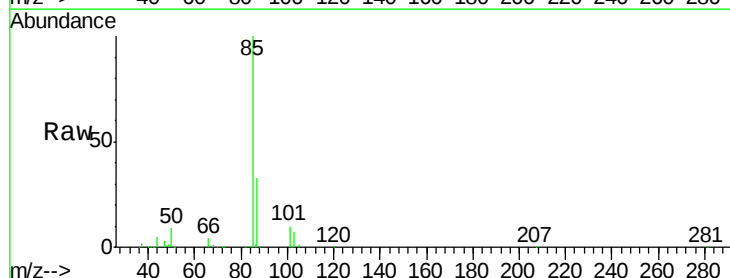
Acq: 01 Jun 2020 11:39

Tgt Ion: 85 Resp: 98890

Ion Ratio Lower Upper

85 100

87 33.3 15.5 46.5



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

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

1.91

80000

60000

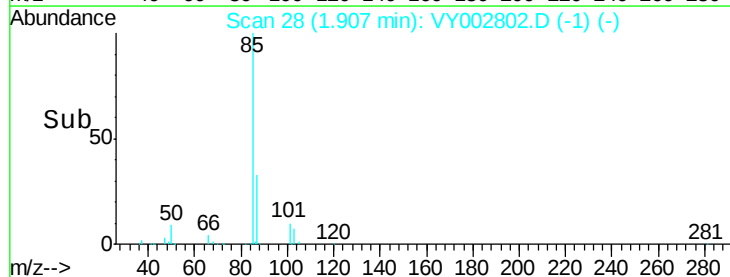
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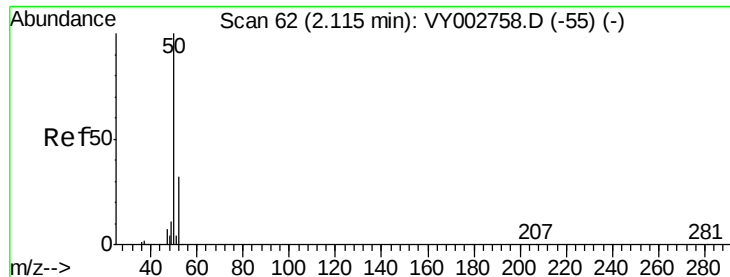
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.782 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

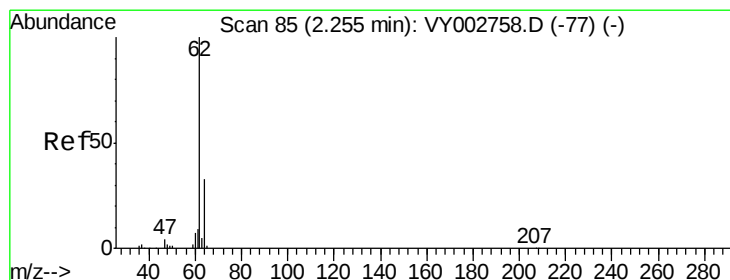
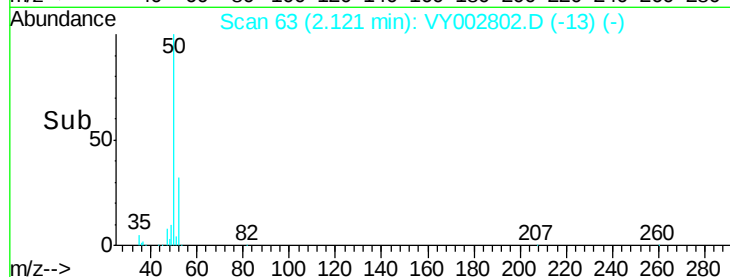
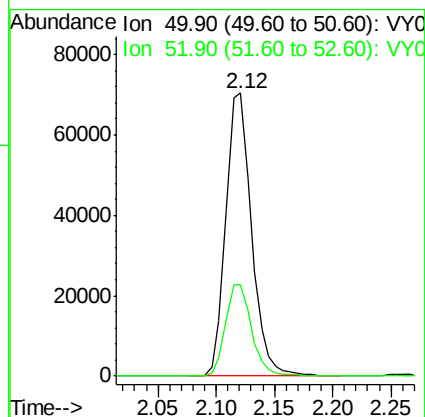
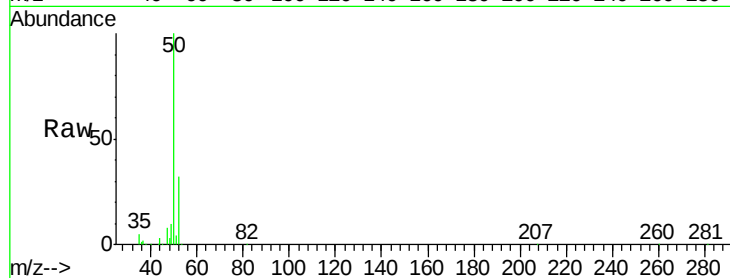
VSTDCCC050

Tot Ion: 50 Resp: 108335

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.6



#4

Vinyl Chloride

Concen: 50.920 ug/l

RT: 2.25 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002802.D

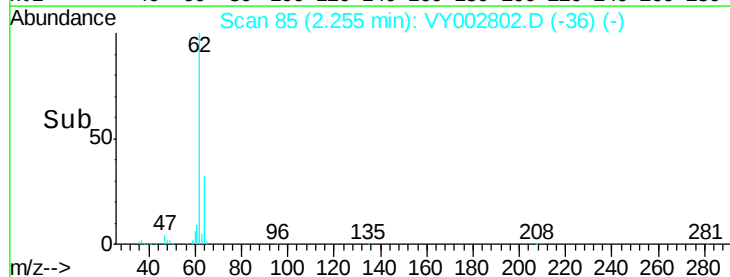
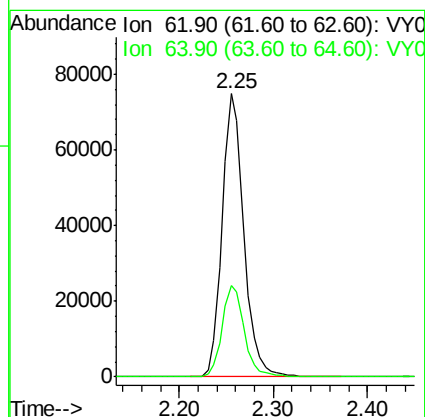
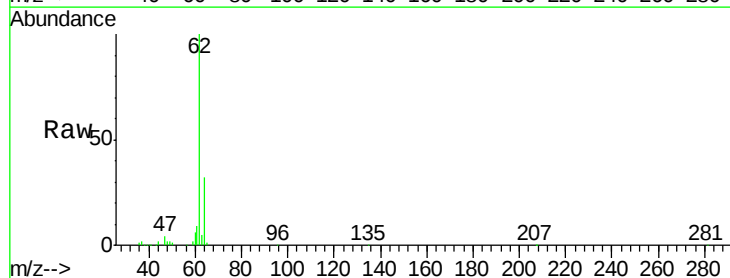
Acq: 01 Jun 2020 11:39

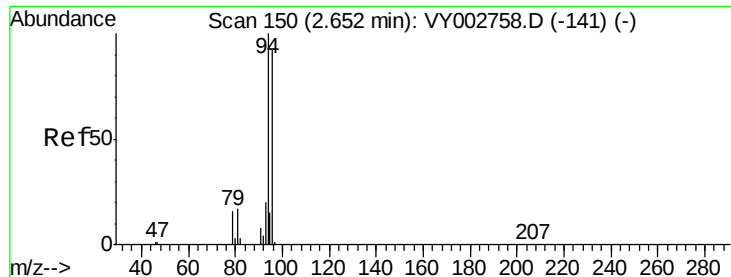
Tgt Ion: 62 Resp: 119525

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1





#5

Bromomethane

Concen: 48.337 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

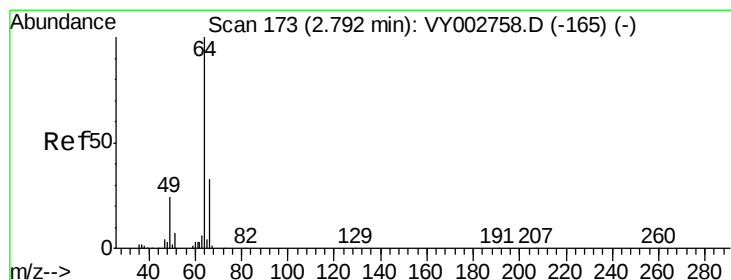
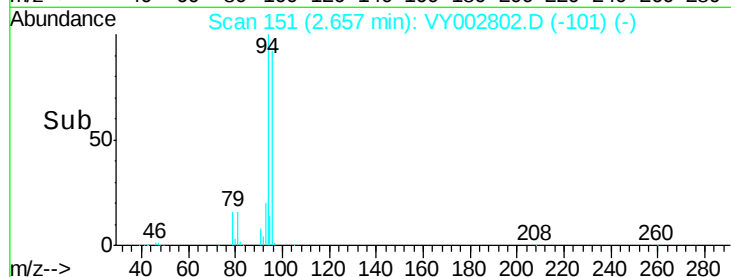
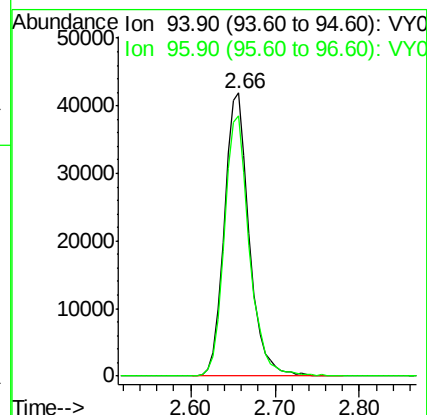
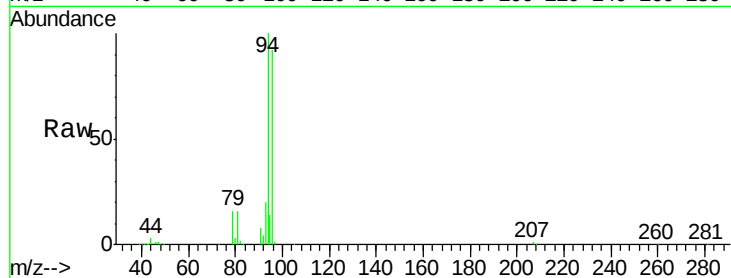
VSTDCCC050

Tot Ion: 94 Resp: 85027

Ion Ratio Lower Upper

94 100

96 91.8 73.7 110.5



#6

Chloroethane

Concen: 48.387 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002802.D

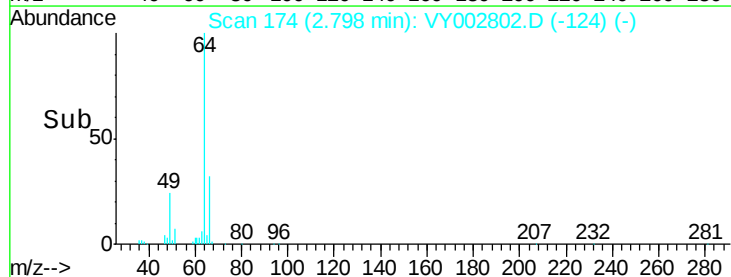
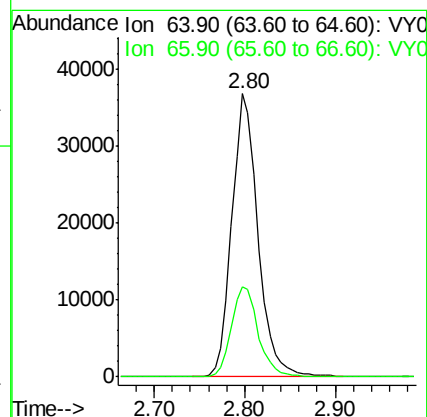
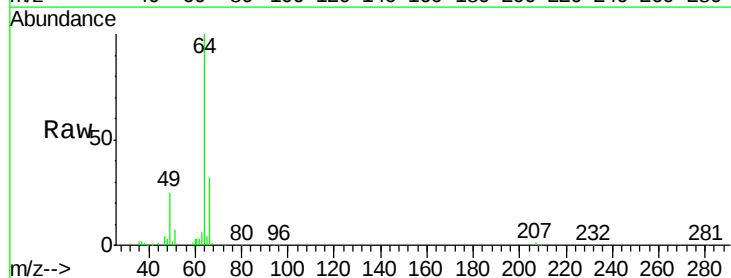
Acq: 01 Jun 2020 11:39

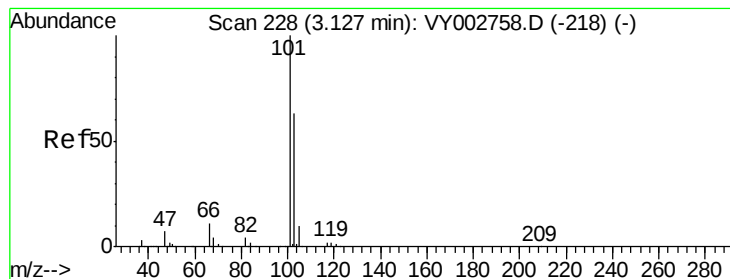
Tgt Ion: 64 Resp: 73629

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6



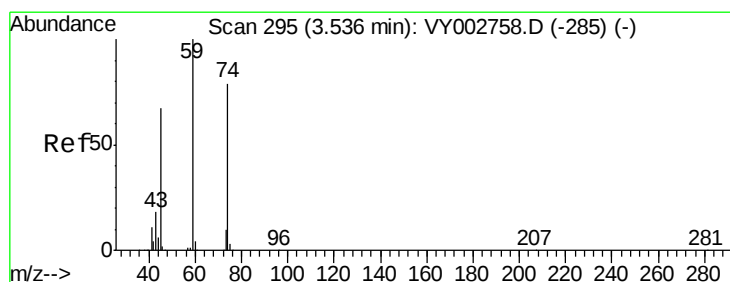
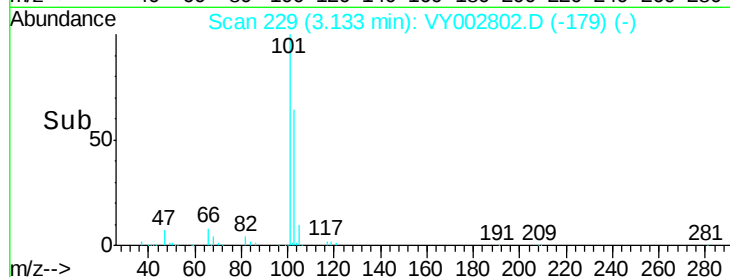
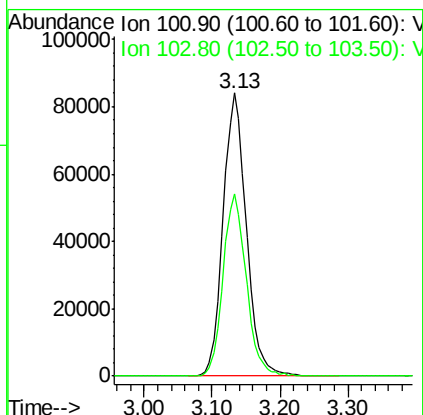
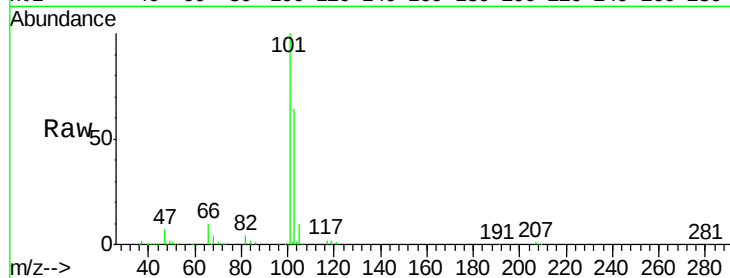


#7

Trichlorofluoromethane
Concen: 47.926 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

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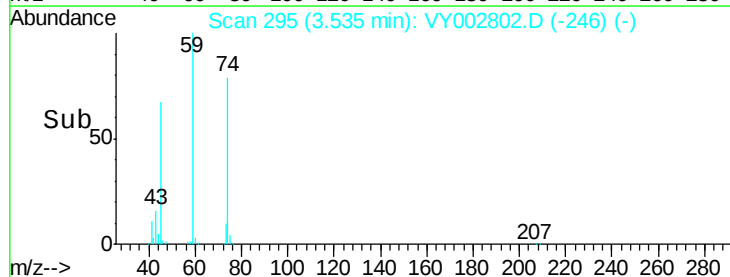
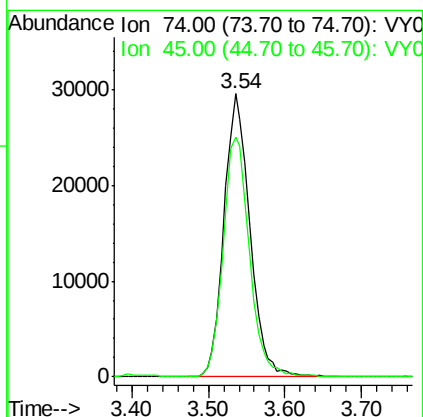
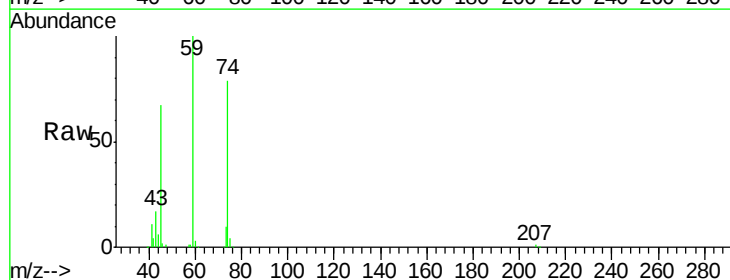
Tot Ion:101 Resp: 199243
Ion Ratio Lower Upper
101 100
103 64.3 50.6 76.0

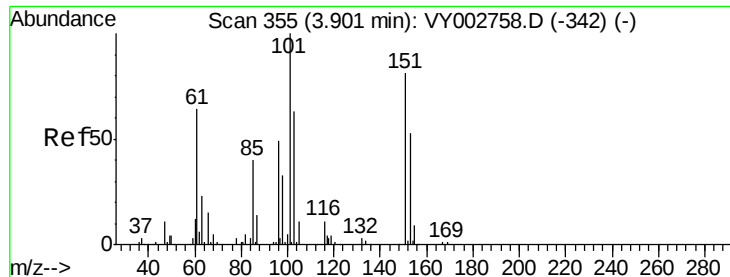


#8

Diethyl Ether
Concen: 42.682 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion: 74 Resp: 69286
Ion Ratio Lower Upper
74 100
45 86.3 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.304 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

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VSTDCCC050

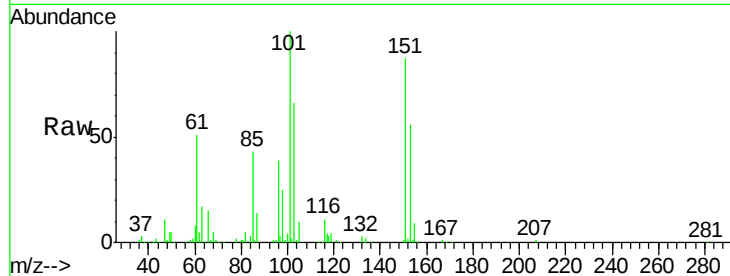
Tot Ion:101 Resp: 121699

Ion Ratio Lower Upper

101 100

85 41.8 32.7 49.1

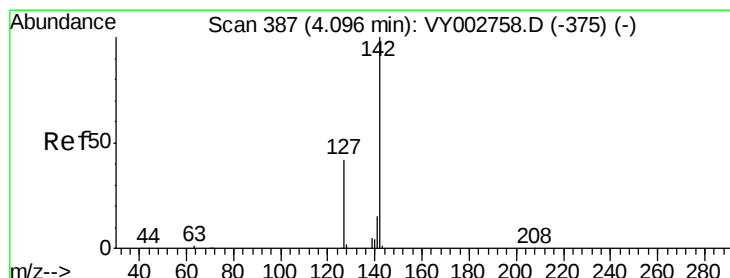
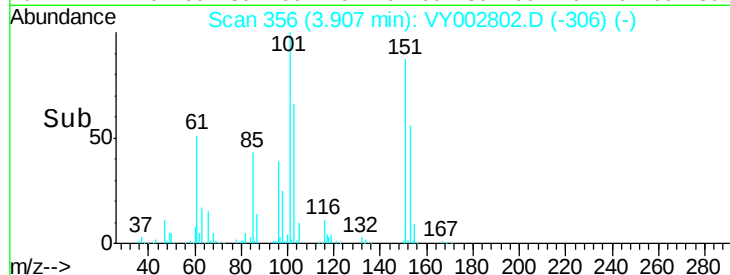
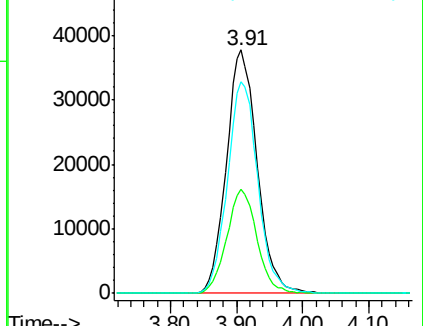
151 86.0 68.0 102.0



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: 48.722 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

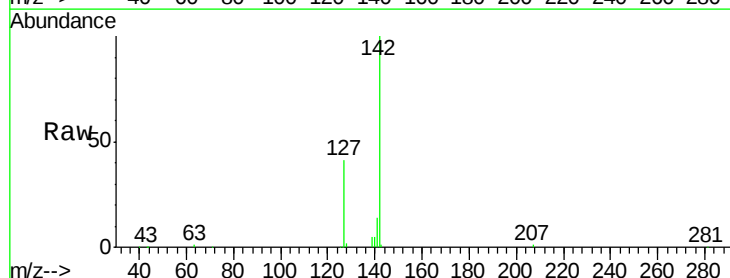
Tgt Ion:142 Resp: 168279

Ion Ratio Lower Upper

142 100

127 42.1 33.3 49.9

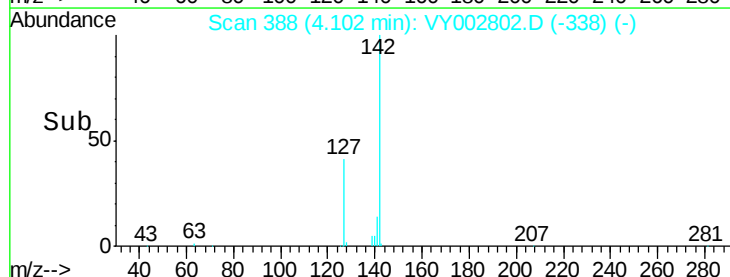
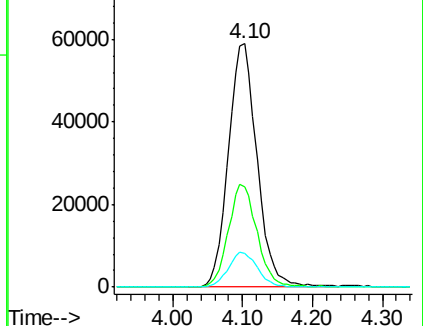
141 14.5 11.5 17.3



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



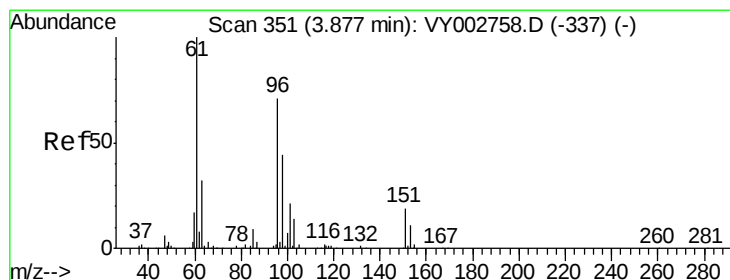
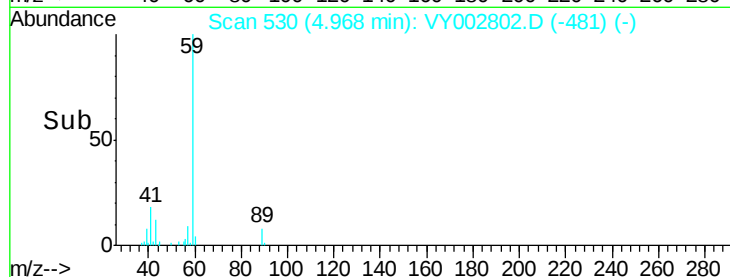
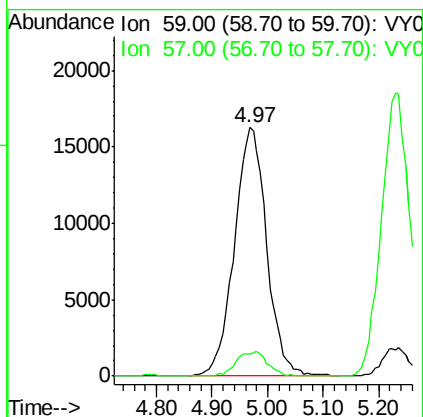
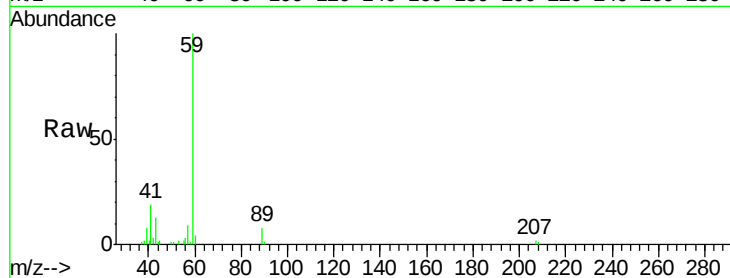


#11

Tert butyl alcohol
 Concen: 240.098 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

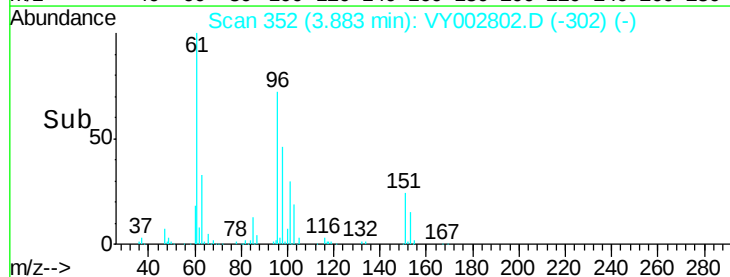
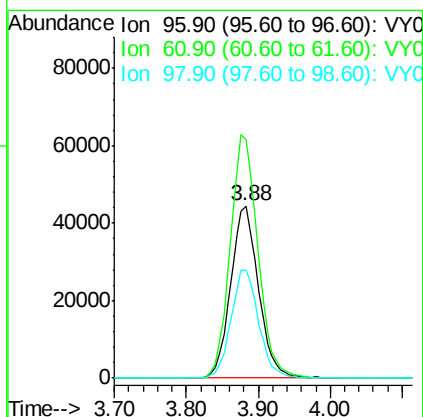
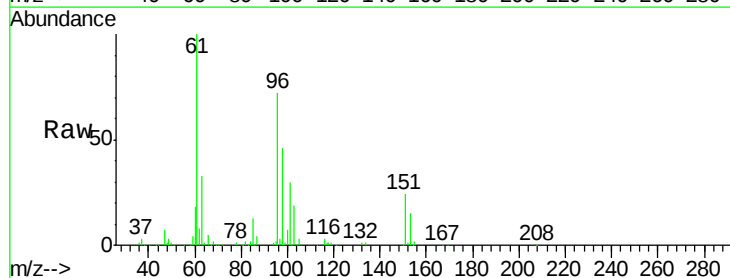
Tot Ion: 59 Resp: 65518
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.7 11.5

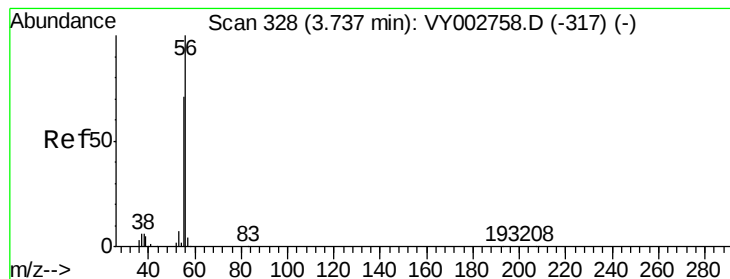


#12

1,1-Dichloroethene
 Concen: 47.850 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion: 96 Resp: 118781
 Ion Ratio Lower Upper
 96 100
 61 138.2 112.6 168.8
 98 63.0 50.0 75.0





#13

Acrolein

Concen: 286.262 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

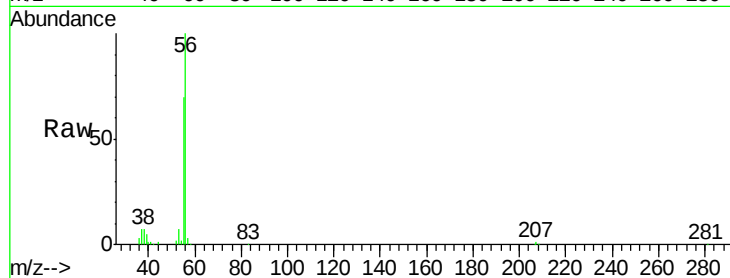
VSTDCCC050

Tot Ion: 56 Resp: 84993

Ion Ratio Lower Upper

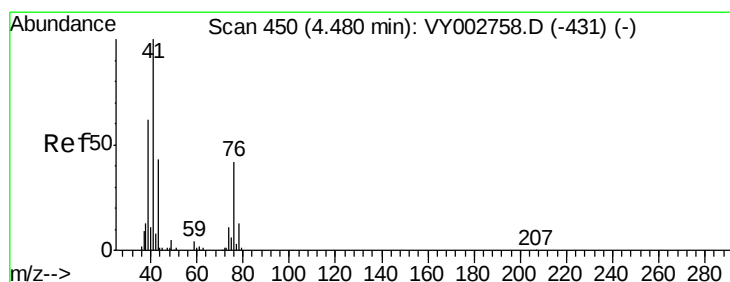
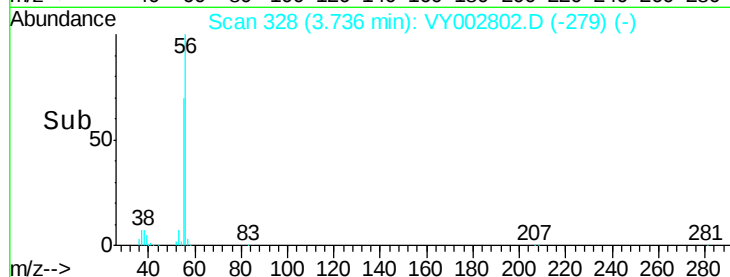
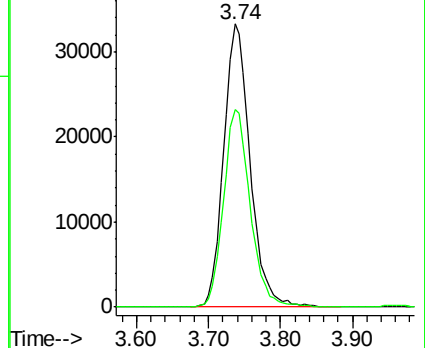
56 100

55 70.5 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 46.827 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

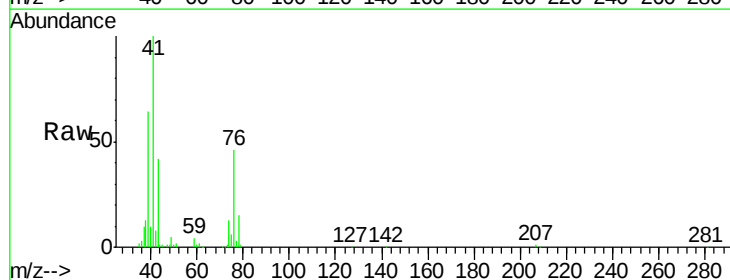
Tgt Ion: 41 Resp: 166715

Ion Ratio Lower Upper

41 100

39 63.9 49.9 74.9

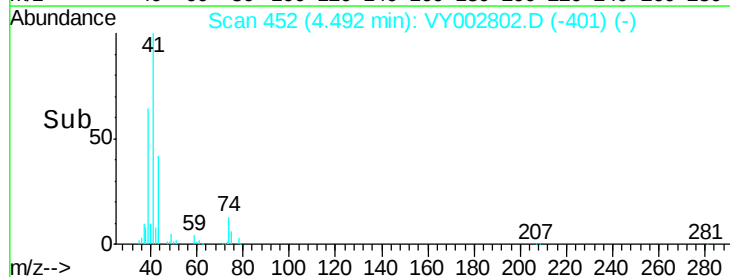
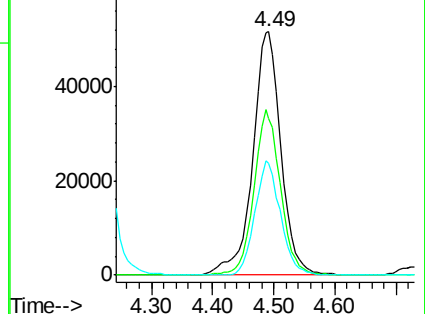
76 42.7 33.2 49.8

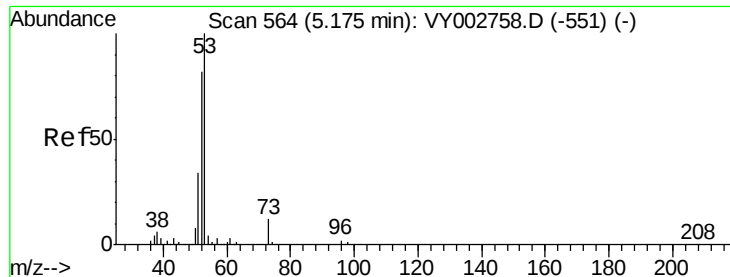


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 237.911 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

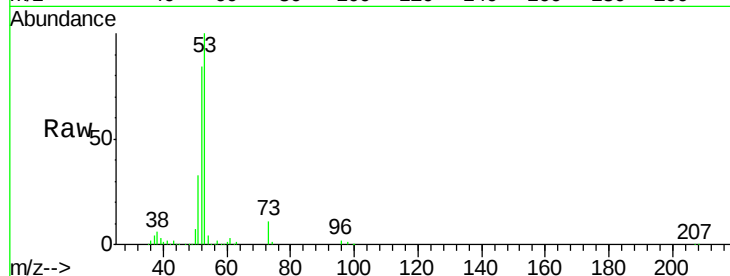
Tot Ion: 53 Resp: 174229

Ion Ratio Lower Upper

53 100

52 81.4 65.3 97.9

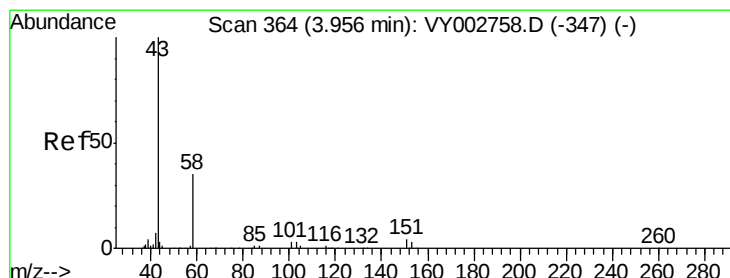
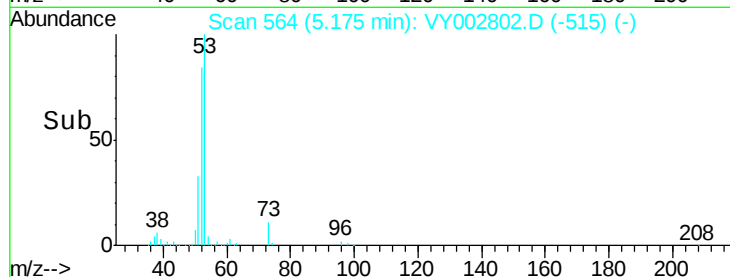
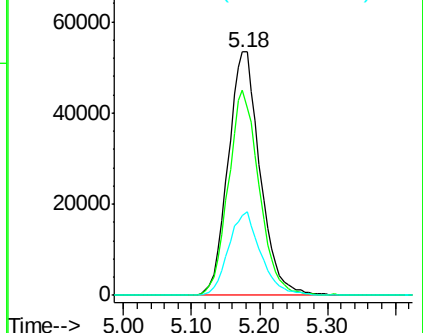
51 34.7 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002802.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002802.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002802.D (-515) (-)



#16

Acetone

Concen: 303.689 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002802.D

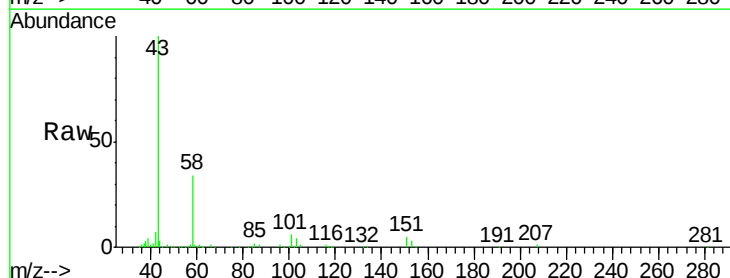
Acq: 01 Jun 2020 11:39

Tgt Ion: 43 Resp: 180419

Ion Ratio Lower Upper

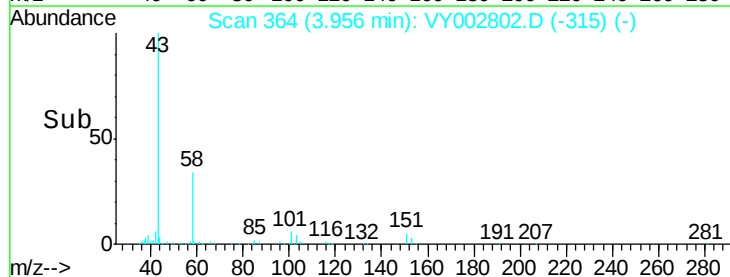
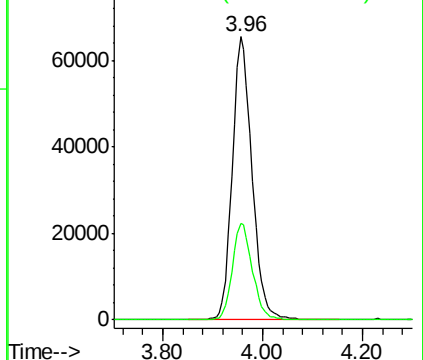
43 100

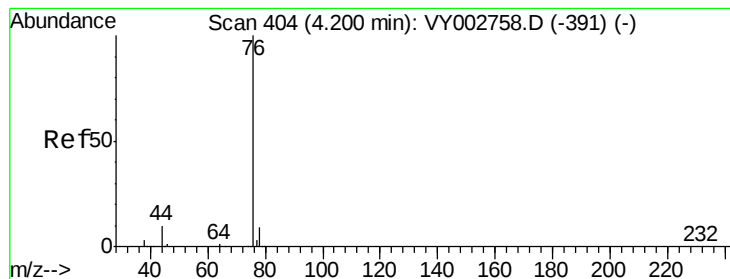
58 34.3 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002802.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002802.D (-315) (-)





#17

Carbon Disulfide

Concen: 45.970 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

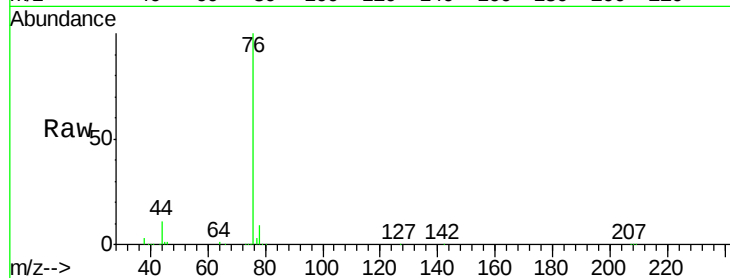
VSTDCCC050

Tot Ion: 76 Resp: 344828

Ion Ratio Lower Upper

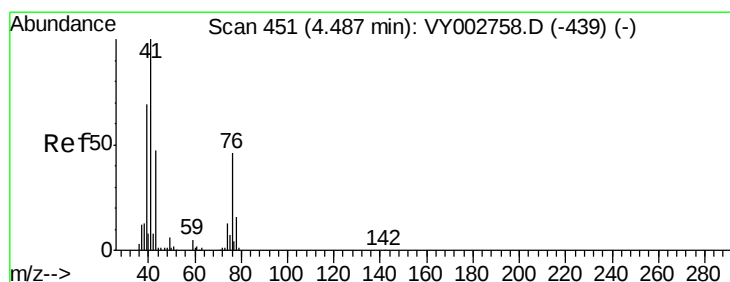
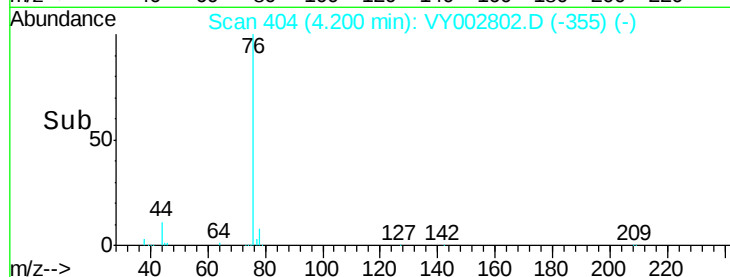
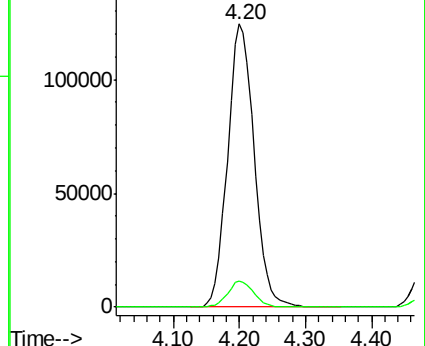
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 46.656 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002802.D

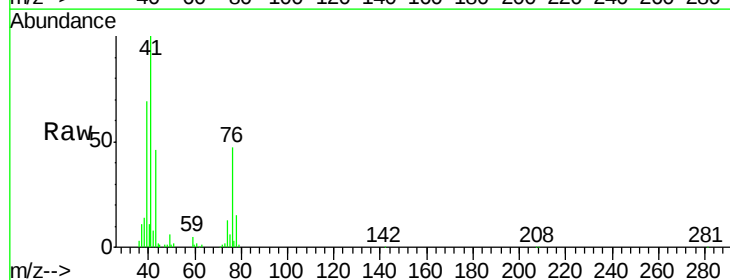
Acq: 01 Jun 2020 11:39

Tgt Ion: 43 Resp: 69647

Ion Ratio Lower Upper

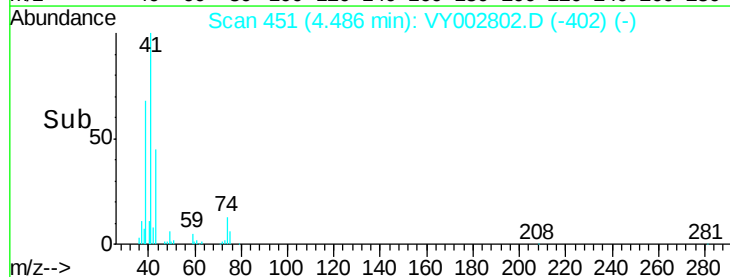
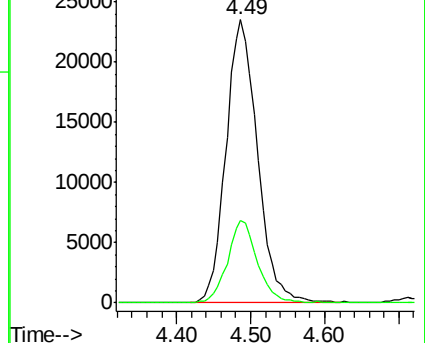
43 100

74 27.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



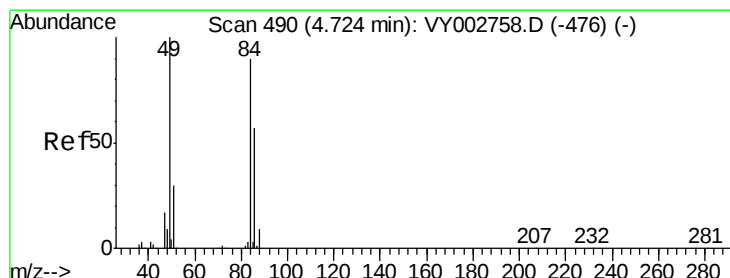
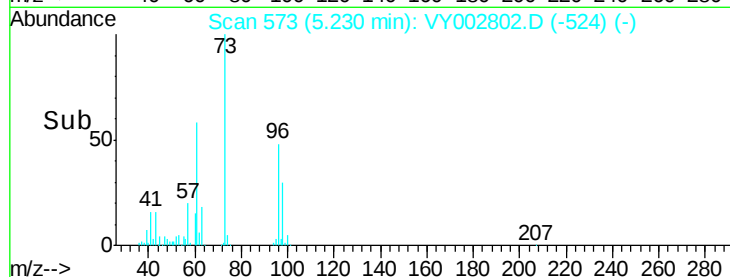
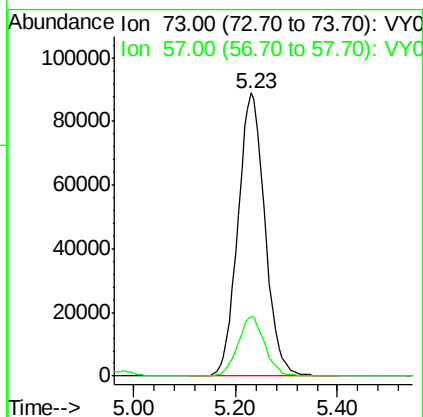
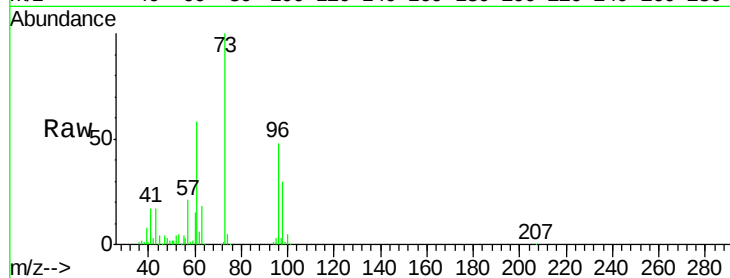


#19

Methvl tert-butvl Ether
 Concen: 47.709 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

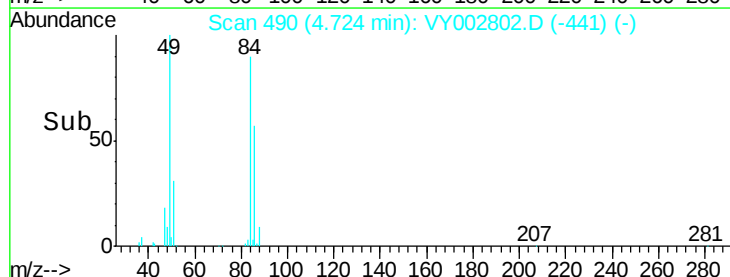
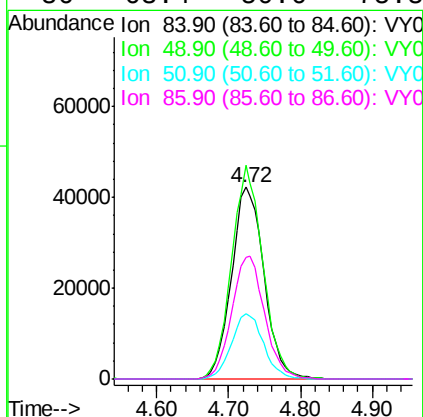
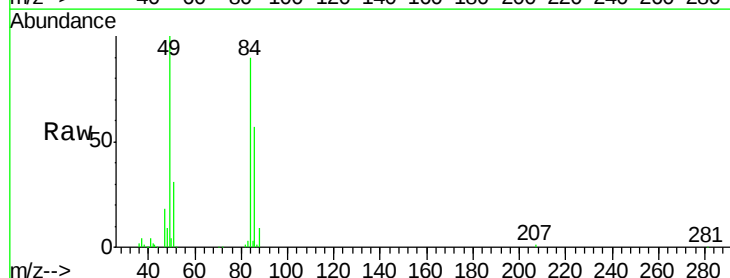
Tot Ion: 73 Resp: 326943
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.0 25.4



#20

Methylene Chloride
 Concen: 45.640 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion: 84 Resp: 132505
 Ion Ratio Lower Upper
 84 100
 49 111.5 88.5 132.7
 51 34.1 26.8 40.2
 86 63.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 47.247 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

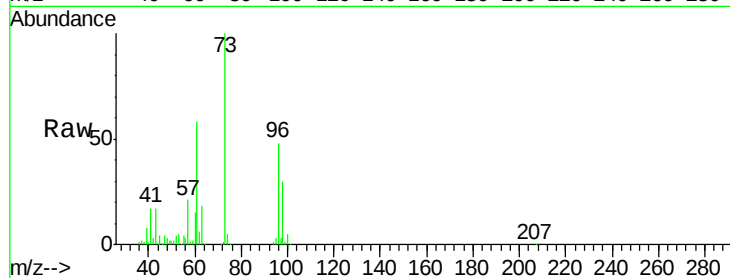
Tot Ion: 96 Resp: 131896

Ion Ratio Lower Upper

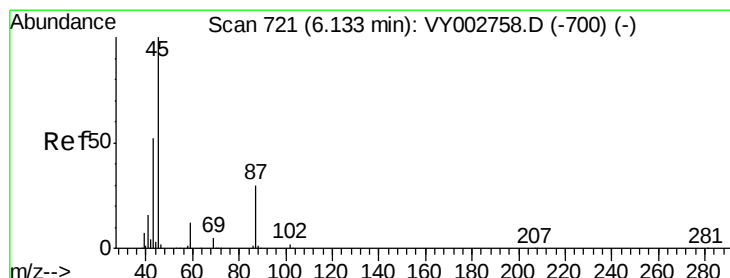
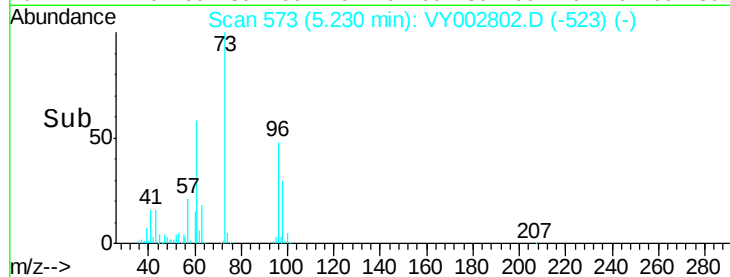
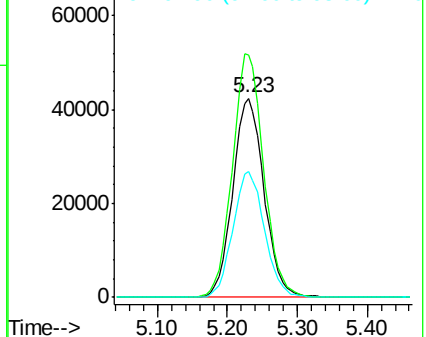
96 100

61 122.1 96.8 145.2

98 63.4 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 46.815 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Tgt Ion: 45 Resp: 346353

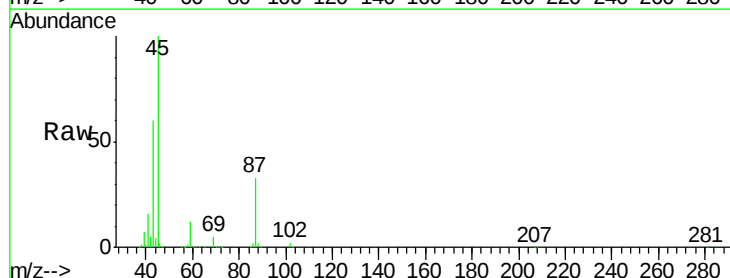
Ion Ratio Lower Upper

45 100

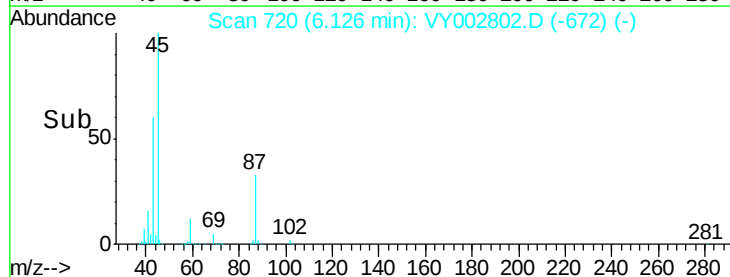
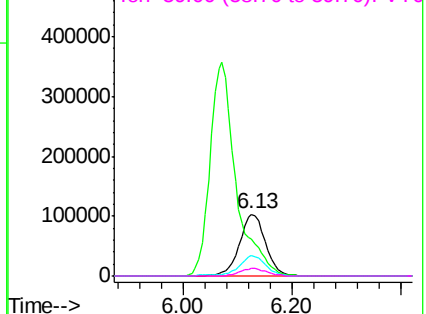
43 59.5 41.7 62.5

87 32.6 24.2 36.2

59 12.3 9.8 14.8



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





#23

Vinyl Acetate

Concen: 241.786 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

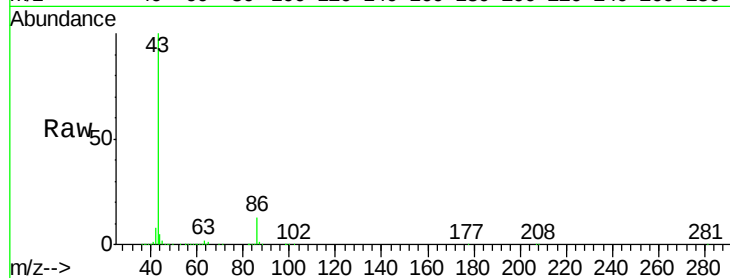
VSTDCCC050

Tot Ion: 43 Resp: 1181023

Ion Ratio Lower Upper

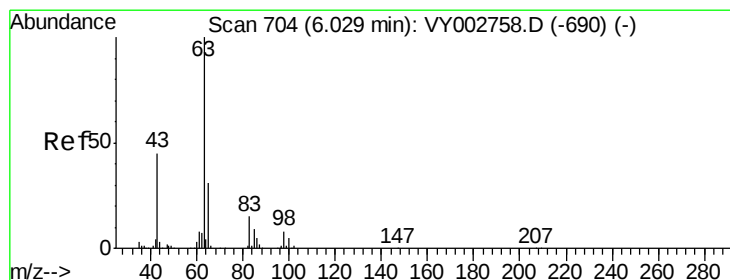
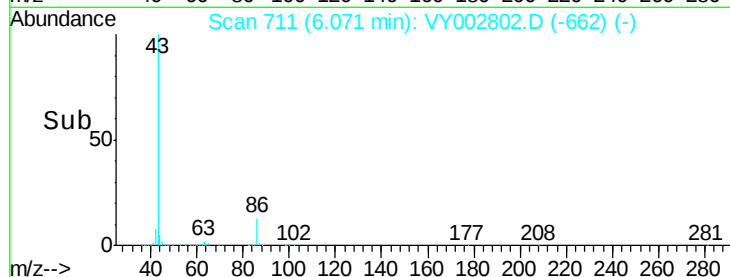
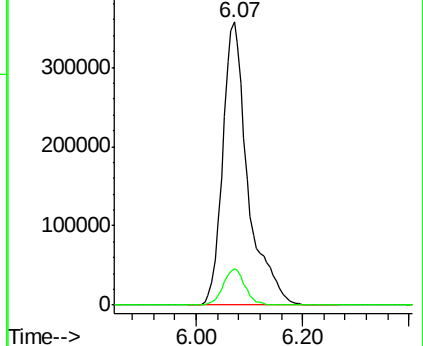
43 100

86 12.9 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 47.435 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

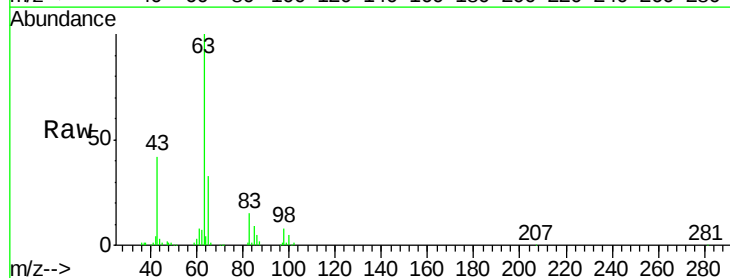
Tgt Ion: 63 Resp: 205290

Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.2

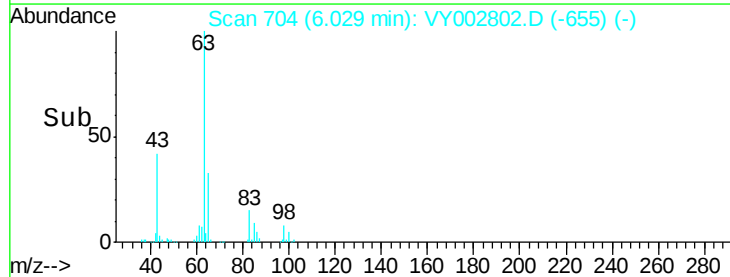
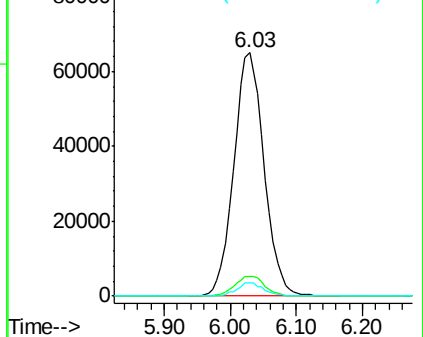
100 5.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

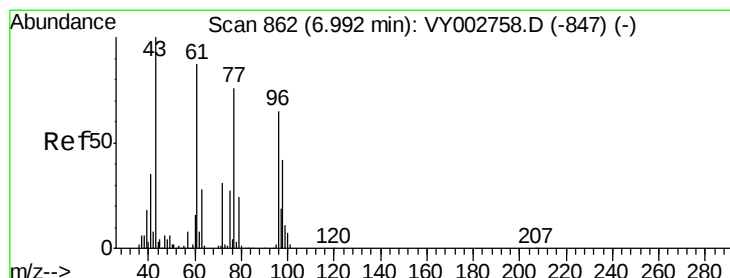
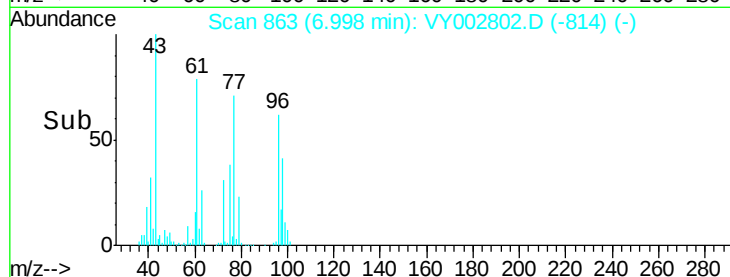
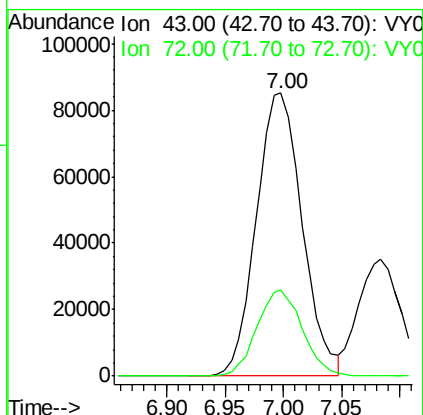
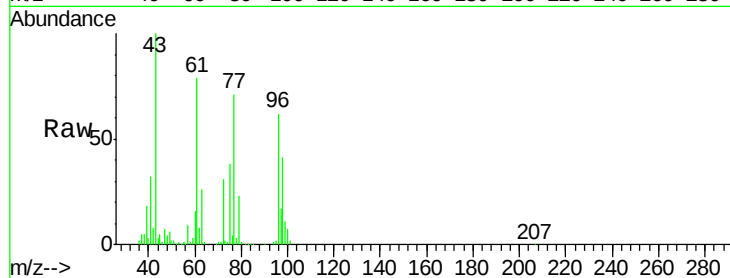




#25
2-Butanone
Concen: 251.537 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

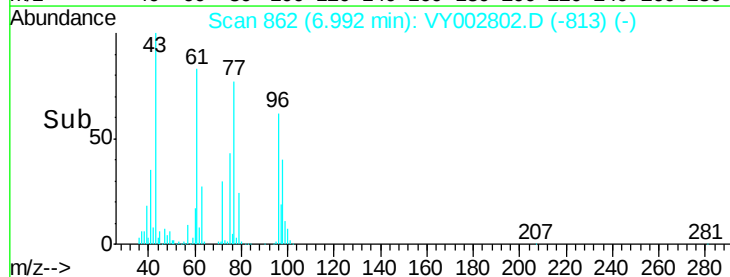
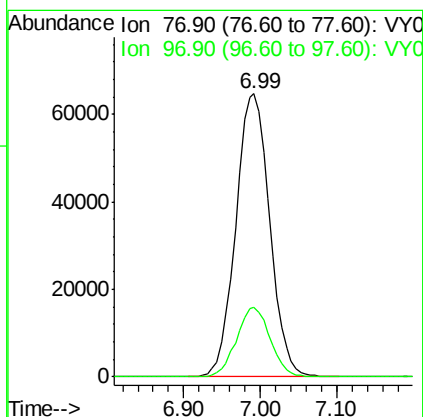
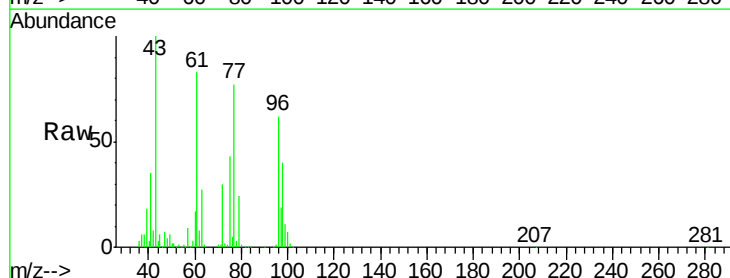
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 232821
Ion Ratio Lower Upper
43 100
72 30.5 23.9 35.9



#26
2,2-Dichloropropane
Concen: 47.915 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion: 77 Resp: 198880
Ion Ratio Lower Upper
77 100
97 24.5 12.2 36.6



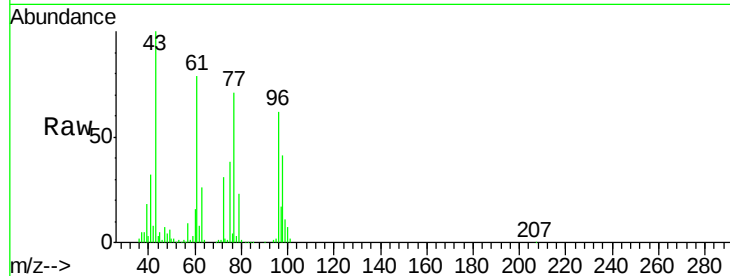


#27

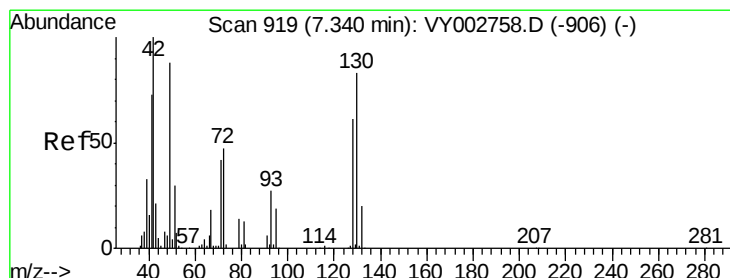
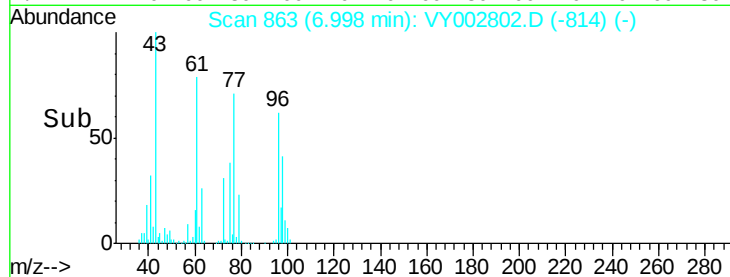
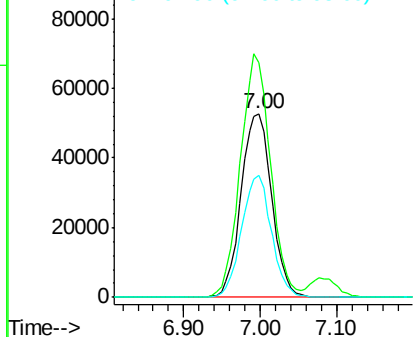
cis-1,2-Dichloroethene
 Concen: 47.008 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 146905
 Ion Ratio Lower Upper
 96 100
 61 129.9 0.0 260.2
 98 64.7 0.0 128.2



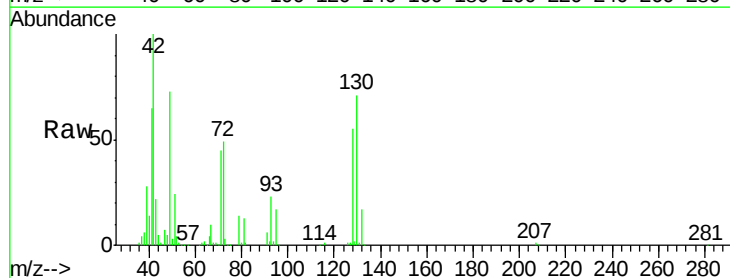
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



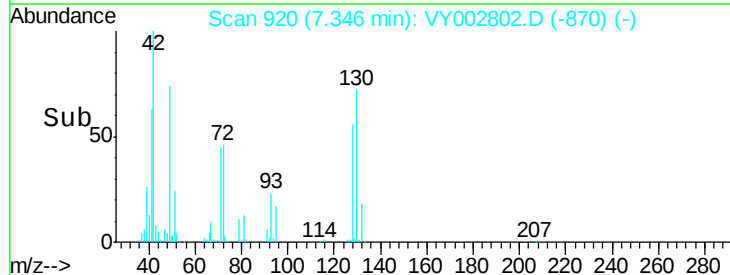
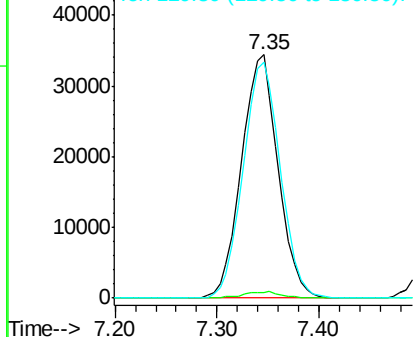
#28

Bromochloromethane
 Concen: 48.243 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion: 49 Resp: 85710
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.2
 130 98.6 77.1 115.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0

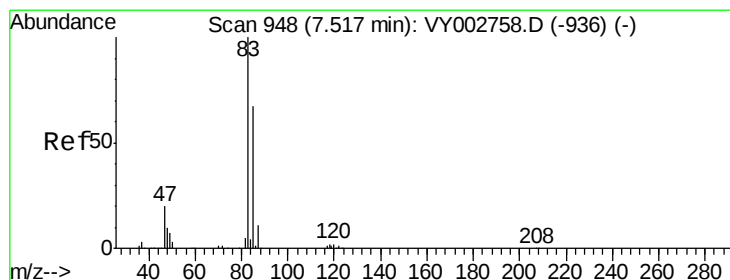
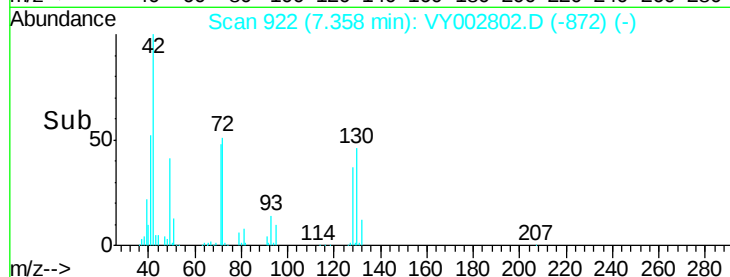
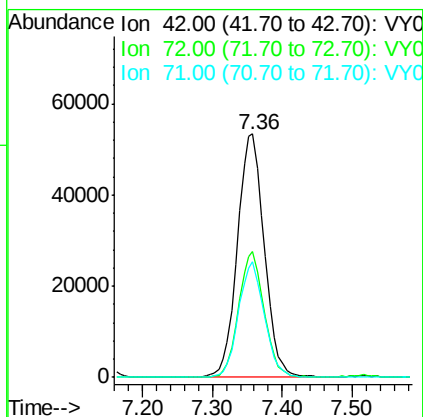
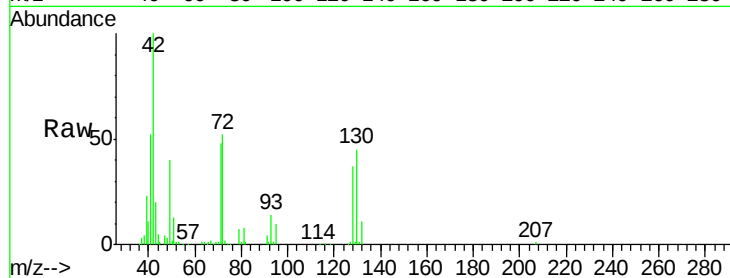




#29
Tetrahydrofuran
Concen: 236.169 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

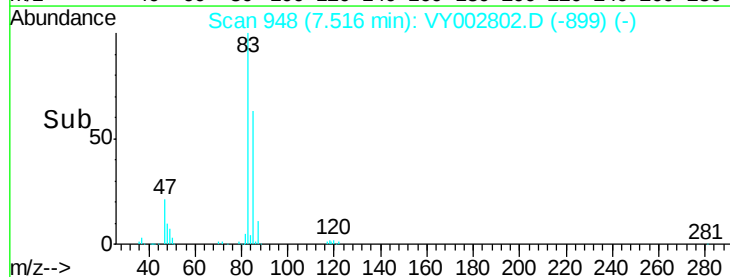
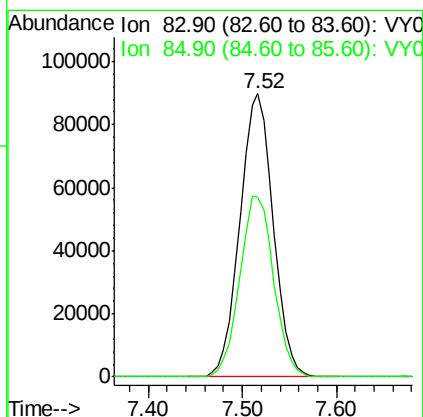
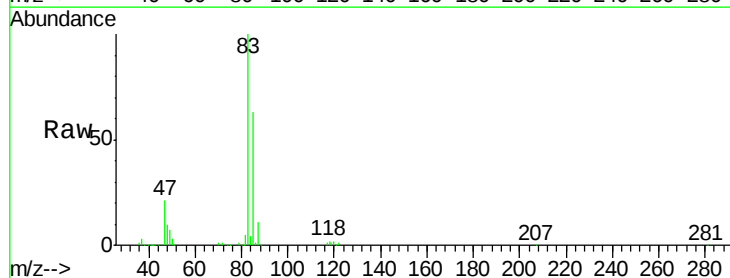
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

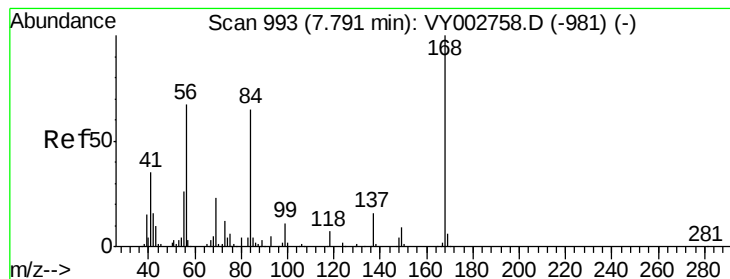
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	38.6	58.0
71	45.5	35.8	53.8



#30
Chloroform
Concen: 48.317 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.8	80.8





#31

Cyclohexane

Concen: 45.390 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

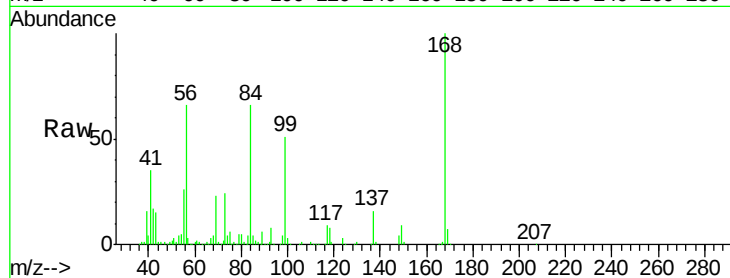
Tot Ion: 56 Resp: 195040

Ion Ratio Lower Upper

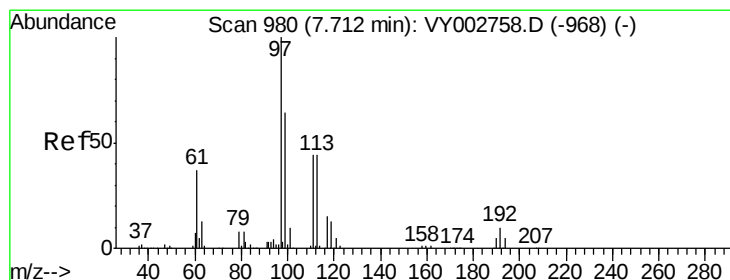
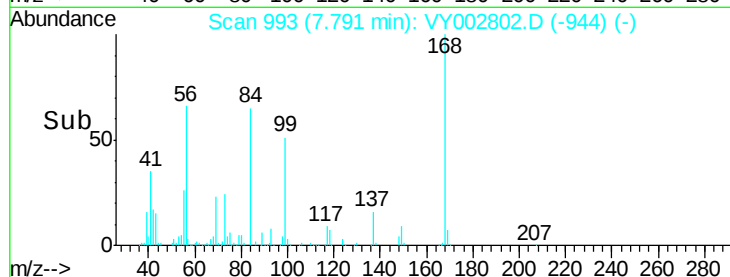
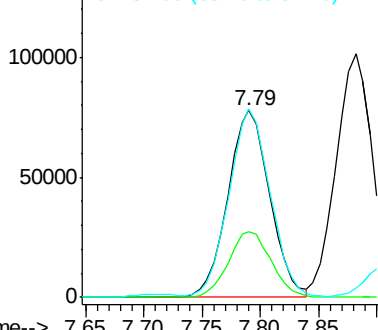
56 100

69 35.0 28.0 42.0

84 99.1 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: 48.428 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

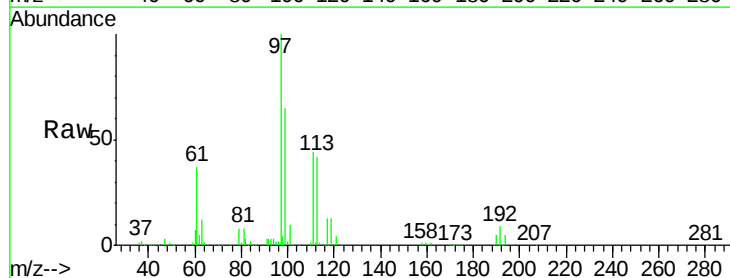
Tgt Ion: 97 Resp: 207248

Ion Ratio Lower Upper

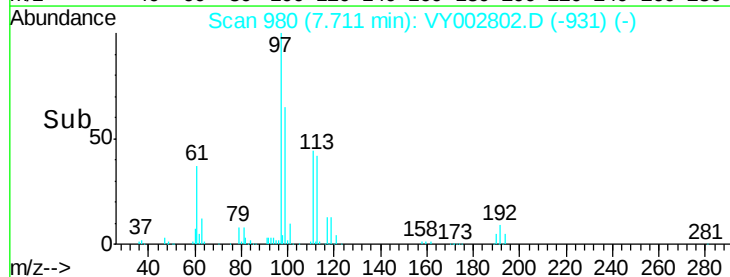
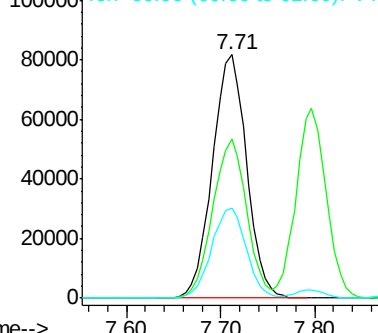
97 100

99 64.8 51.4 77.0

61 37.4 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

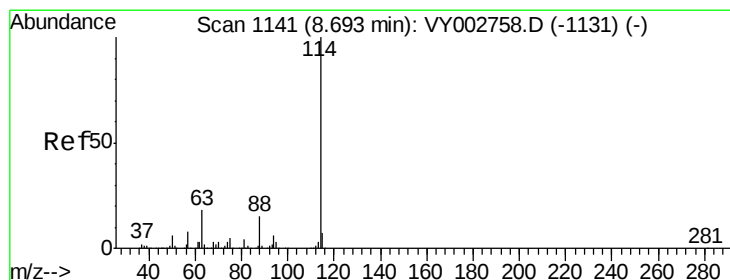
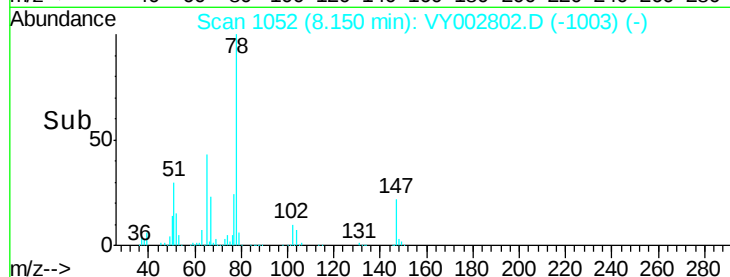
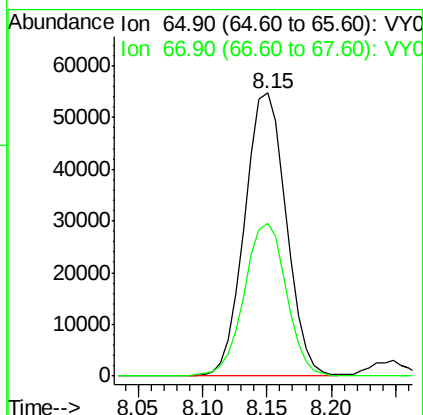
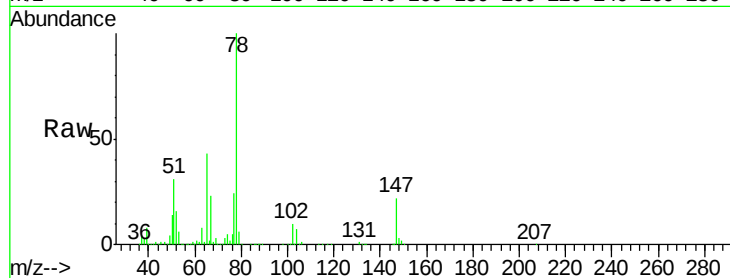




#33
 1,2-Dichloroethane-d4
 Concen: 48.377 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

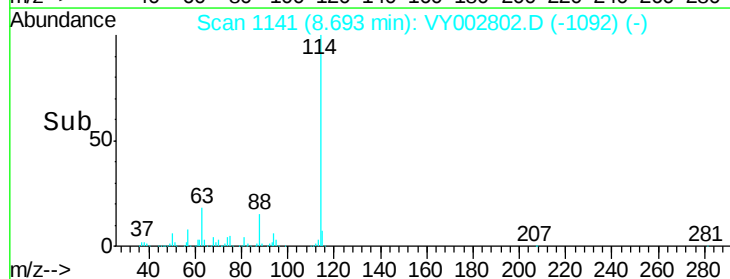
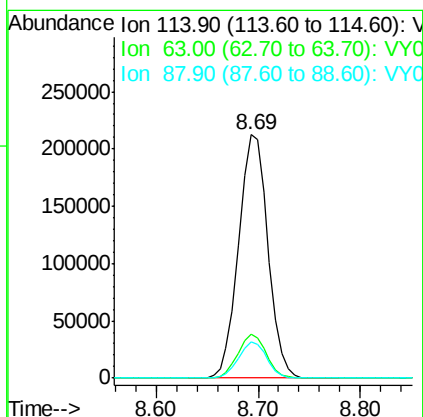
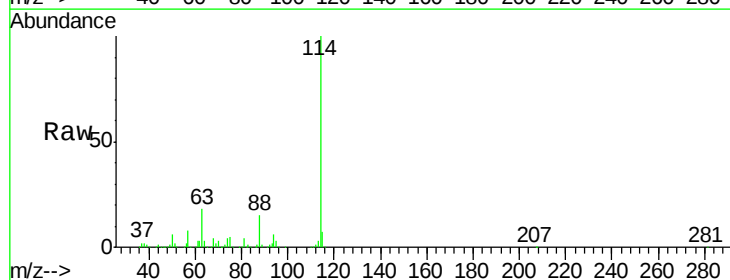
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

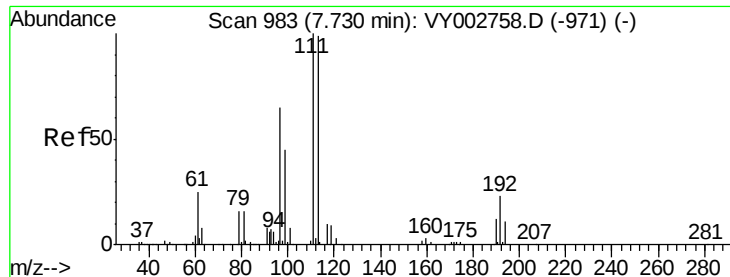
Tot Ion: 65 Resp: 122566
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion: 114 Resp: 422965
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 14.8 0.0 29.2

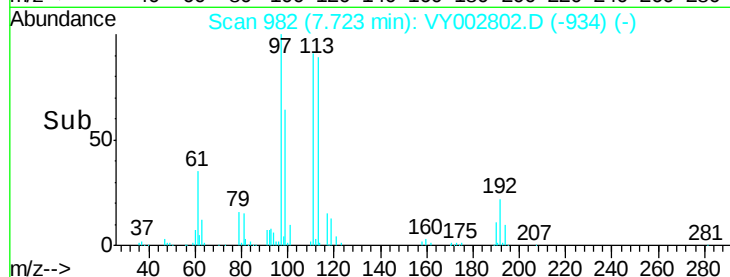
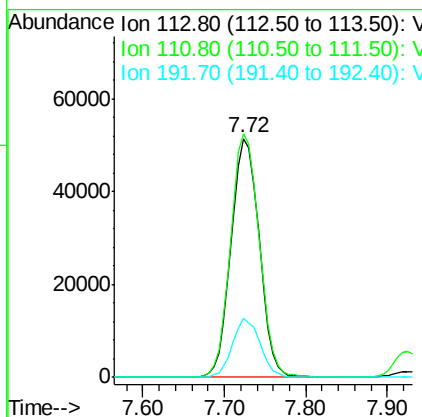
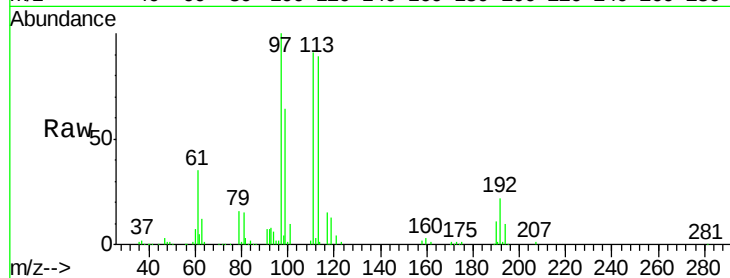




#35
 Dibromofluoromethane
 Concen: 49.530 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

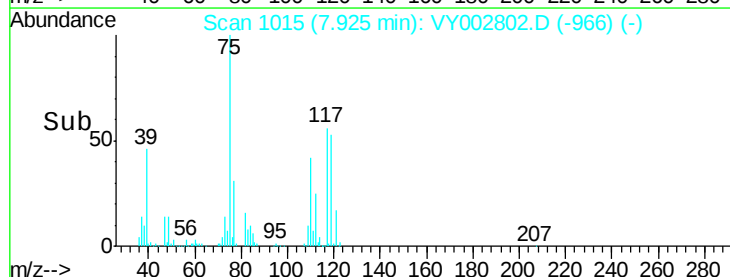
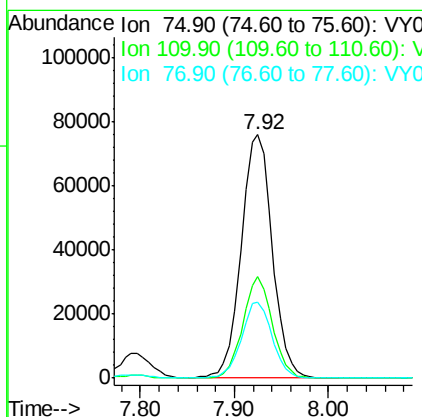
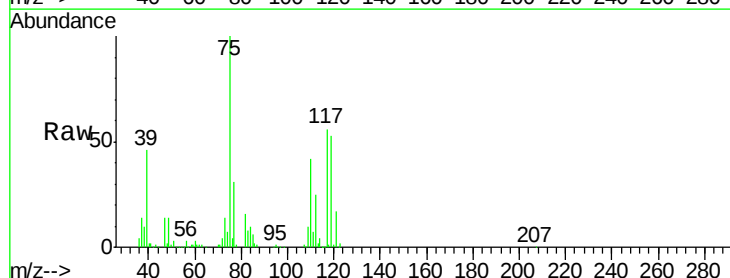
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

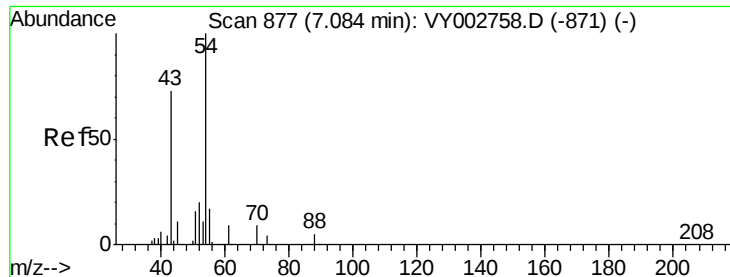
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	24.1	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 49.207 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	19.3	57.9
77	30.8	24.8	37.2

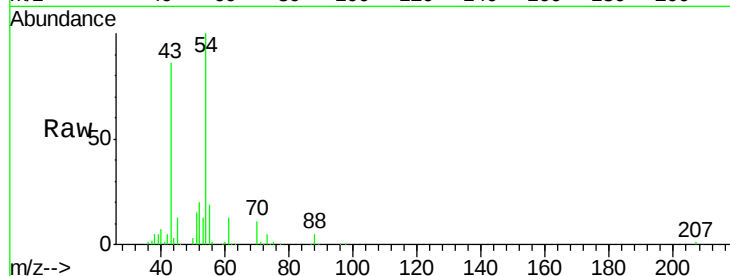




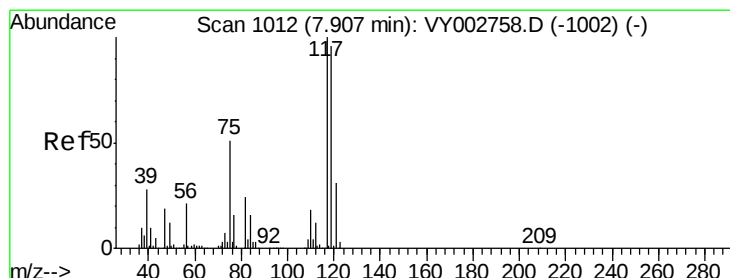
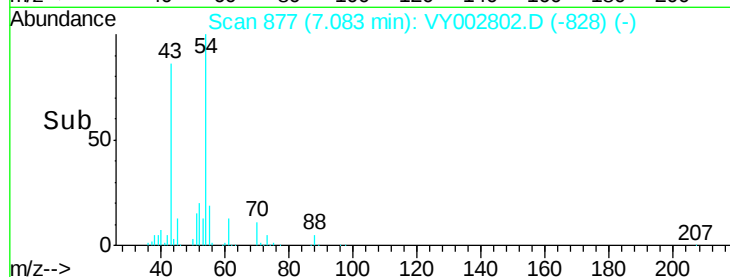
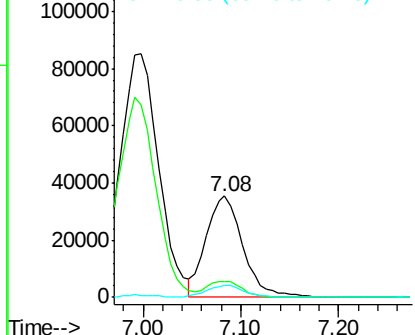
#37
Ethyl Acetate
Concen: 47.467 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 92016
Ion Ratio Lower Upper
43 100
61 15.5 11.9 17.9
70 12.0 9.1 13.7

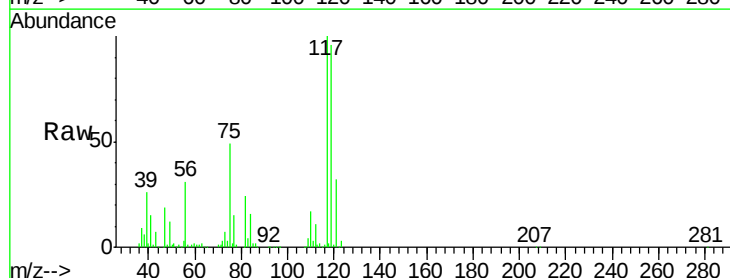


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

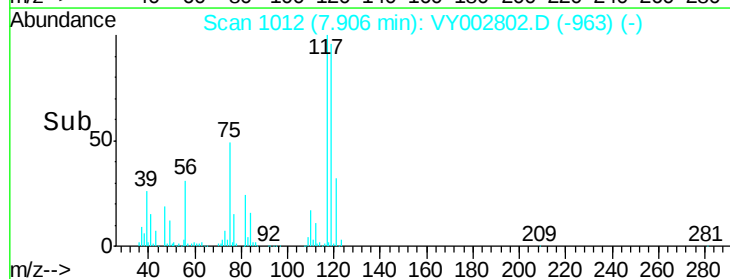
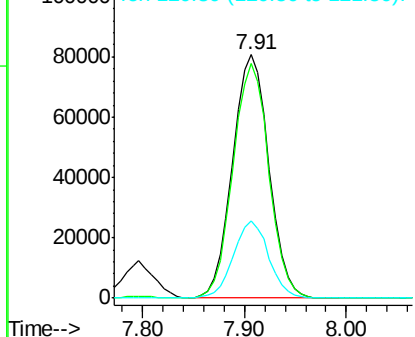


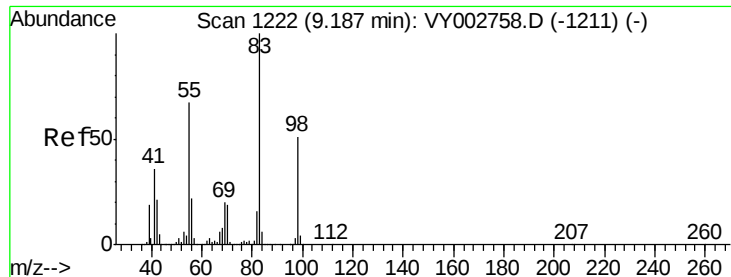
#38
Carbon Tetrachloride
Concen: 50.373 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion: 117 Resp: 199379
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2
121 31.5 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

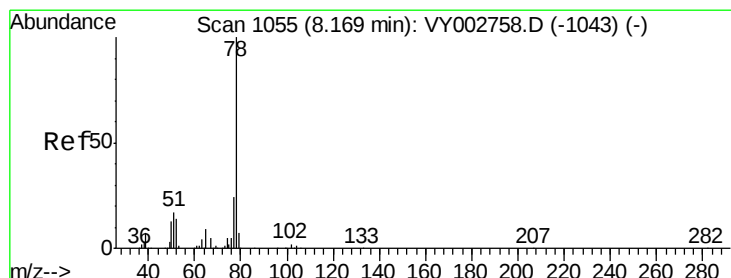
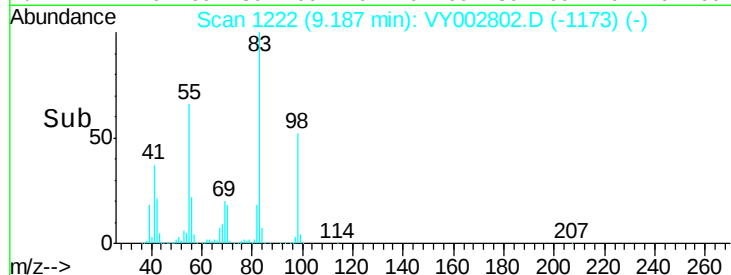
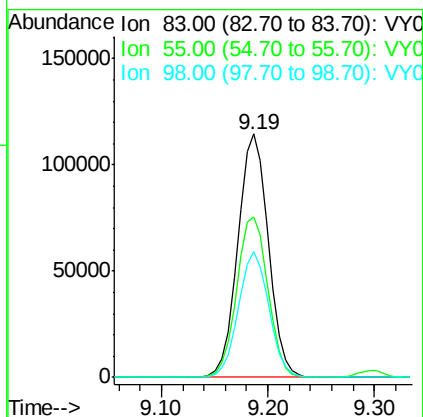
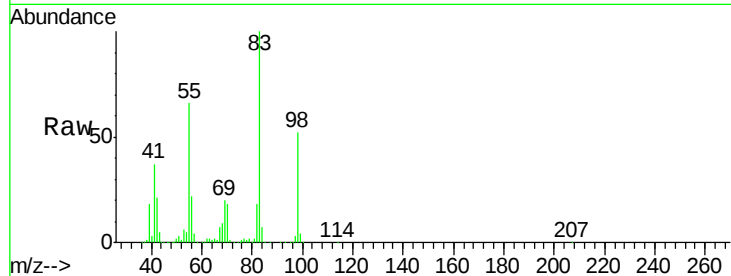




#39
Methvlcvclohexane
Concen: 49.095 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

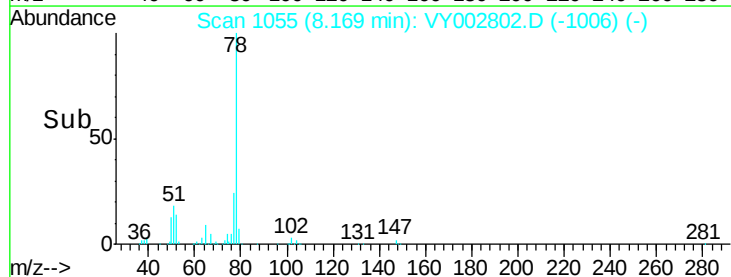
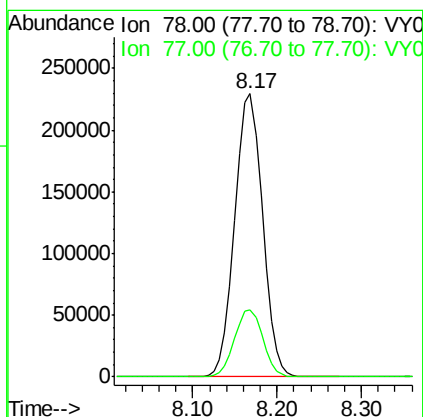
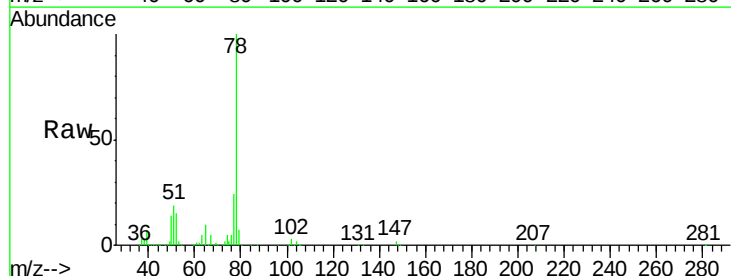
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

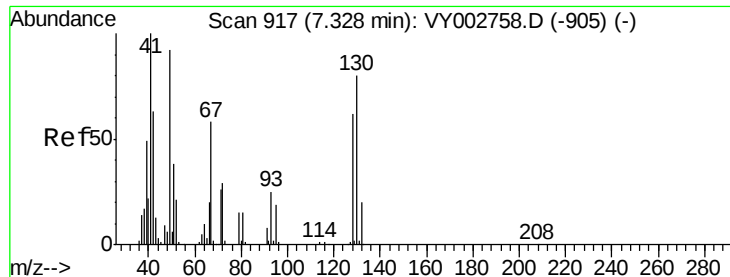
Tot Ion	83	Resp	230567
Ion Ratio	Lower	Upper	
83	100		
55	65.9	53.3	79.9
98	51.6	41.1	61.7



#40
Benzene
Concen: 48.599 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion	78	Resp	511637
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.8	28.2





#41

Methacrylonitrile

Concen: 54.532 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 56791

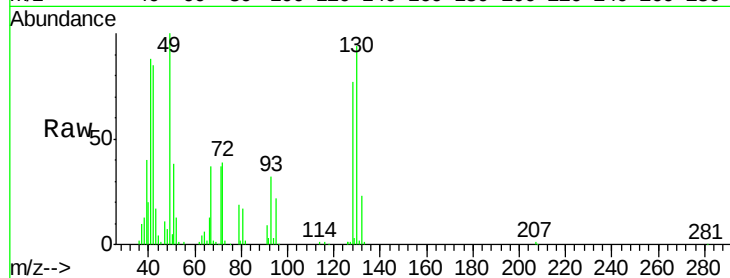
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

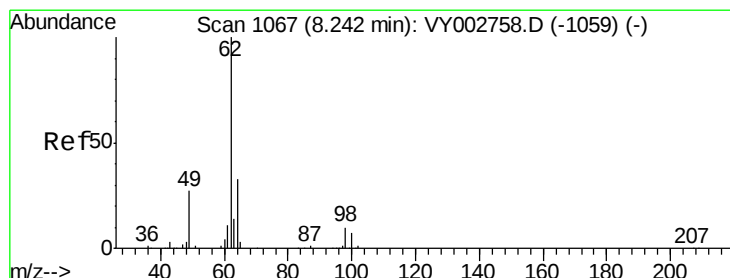
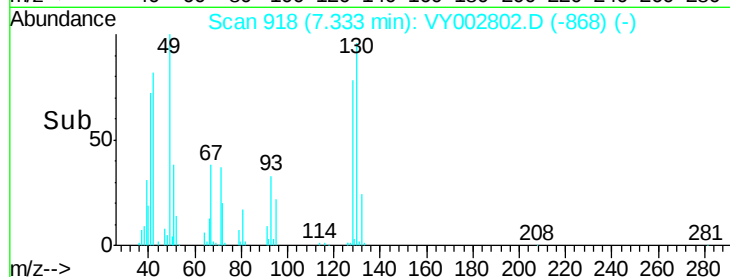
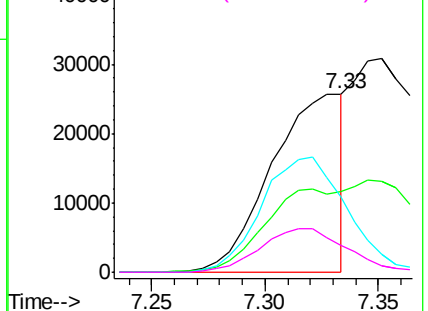


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 48.343 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY002802.D

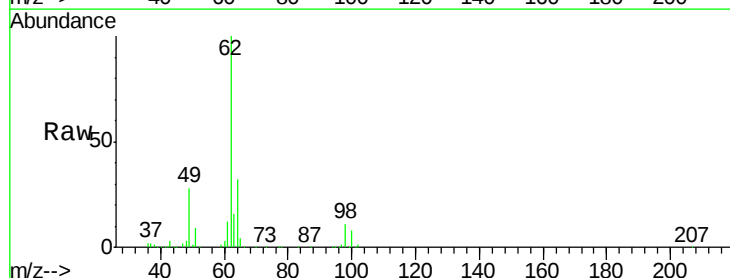
Acq: 01 Jun 2020 11:39

Tgt Ion: 62 Resp: 142633

Ion Ratio Lower Upper

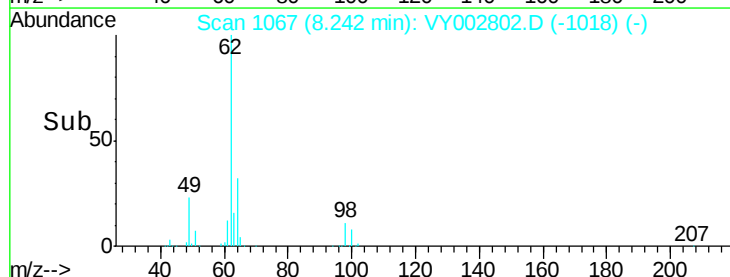
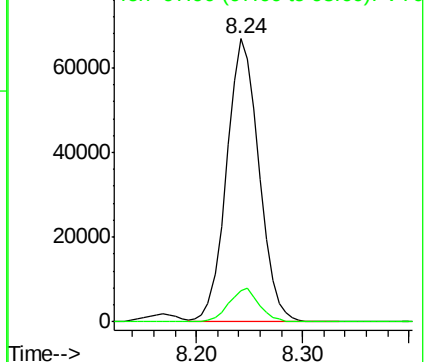
62 100

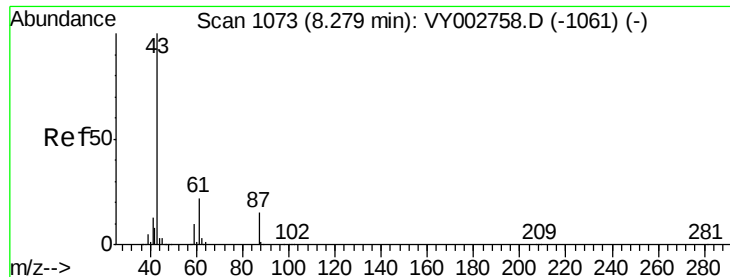
98 11.1 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



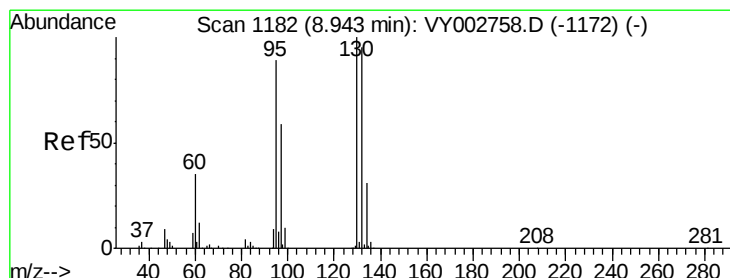
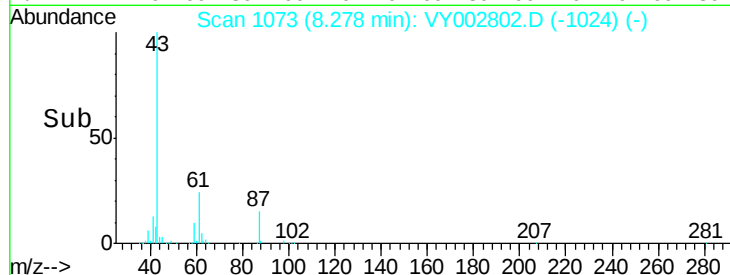
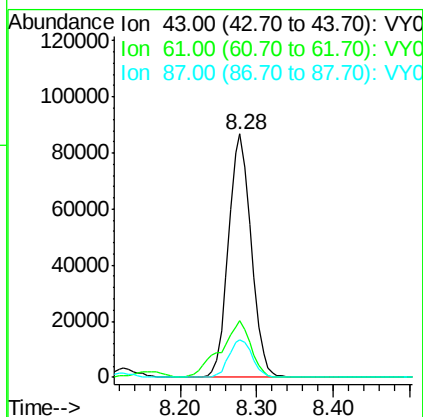
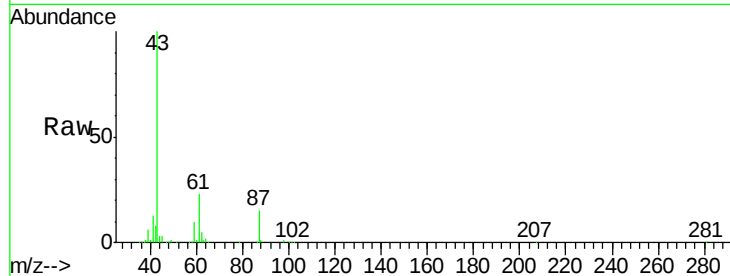


#43

Isopropyl Acetate
 Concen: 48.582 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

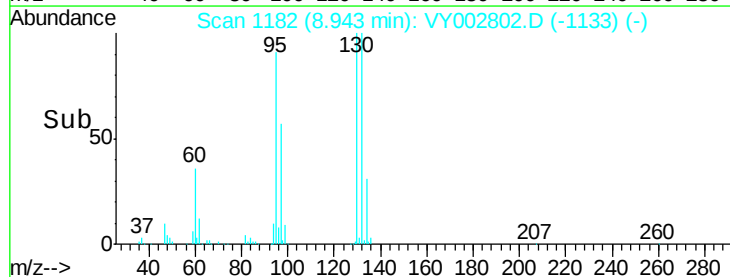
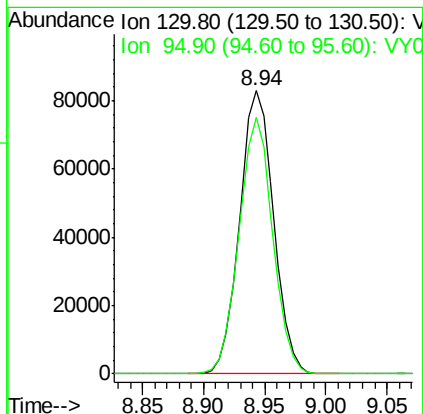
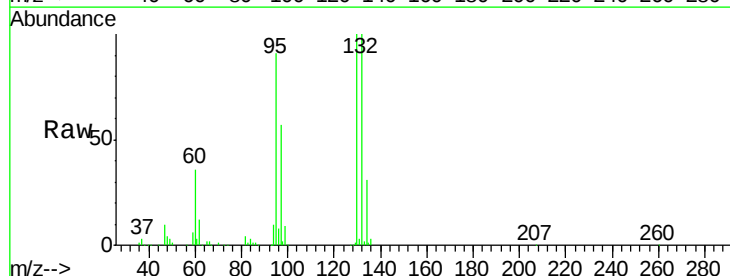
Tot Ion	43	Resp	178465
Ion Ratio	Lower	Upper	
43	100		
61	30.9	24.8	37.2
87	16.0	12.4	18.6

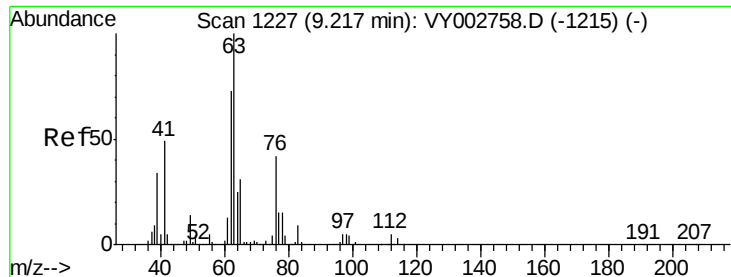


#44

Trichloroethene
 Concen: 48.061 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion	130	Resp	159824
Ion Ratio	Lower	Upper	
130	100		
95	90.6	0.0	178.8

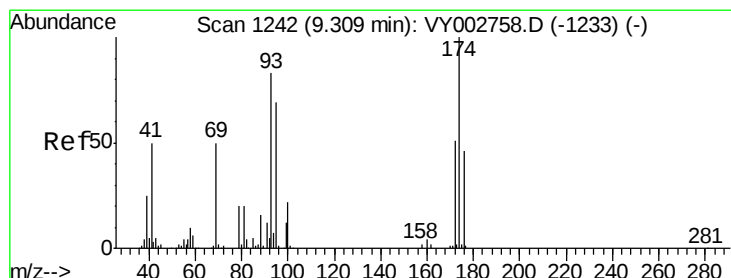
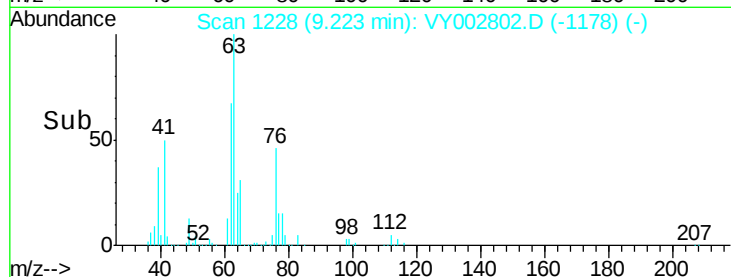
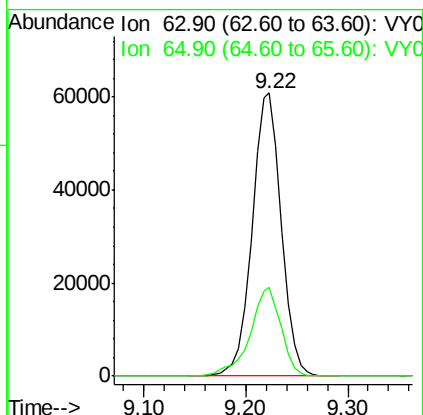
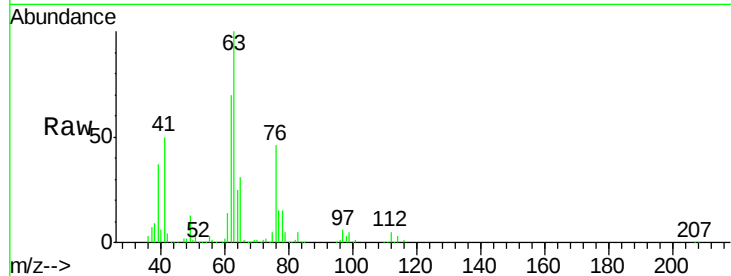




#45
 1,2-Dichloropropane
 Concen: 47.738 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

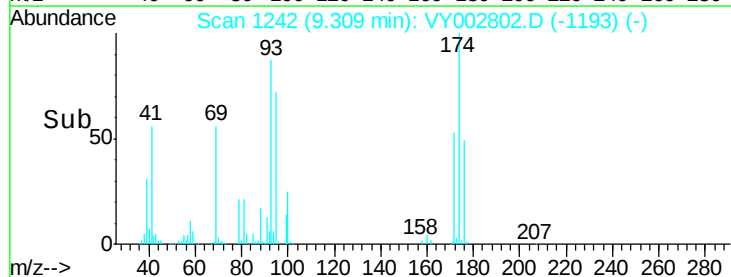
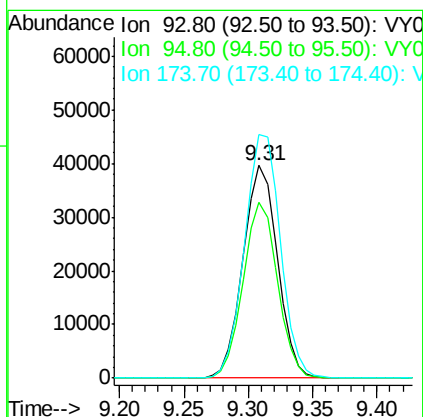
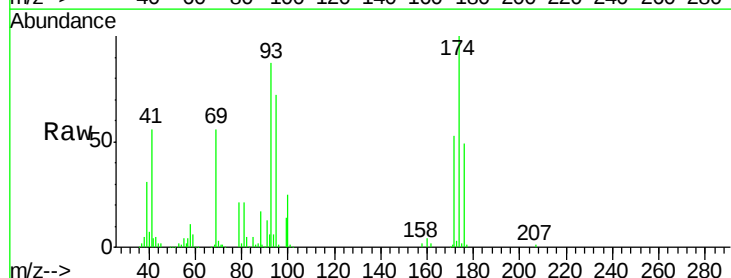
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

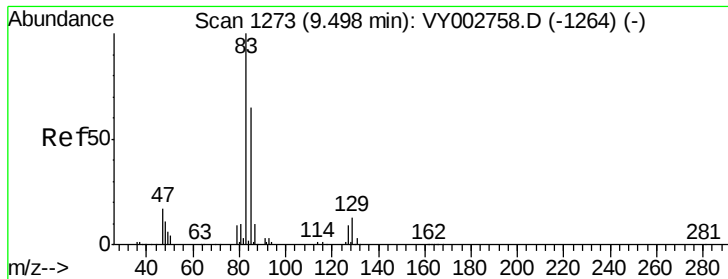
Tot Ion: 63 Resp: 120523
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2



#46
 Dibromomethane
 Concen: 49.096 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion: 93 Resp: 73613
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.9 100.3
 174 119.0 97.7 146.5





#47

Bromodichloromethane

Concen: 49.597 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

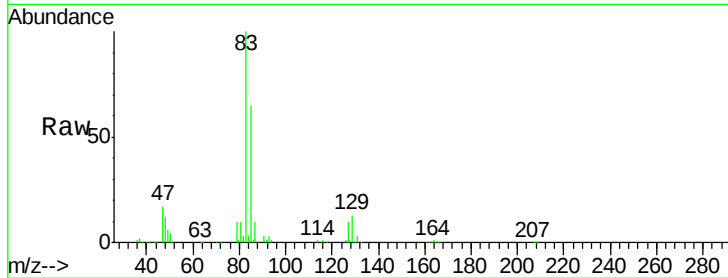
Tot Ion: 83 Resp: 175312

Ion Ratio Lower Upper

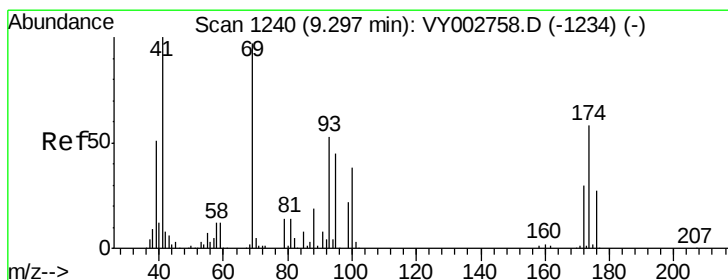
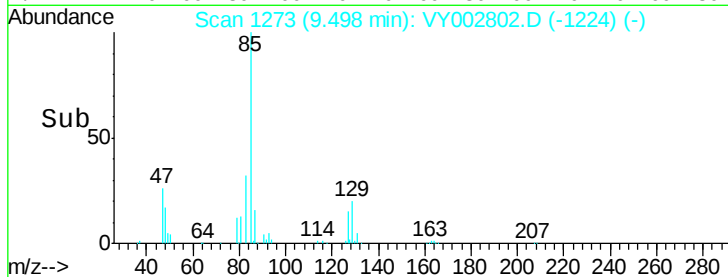
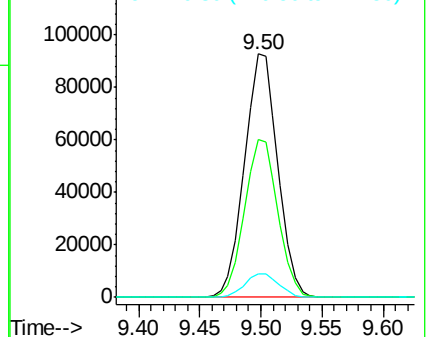
83 100

85 65.0 51.9 77.9

127 9.8 7.1 10.7



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



#48

Methyl methacrylate

Concen: 48.910 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

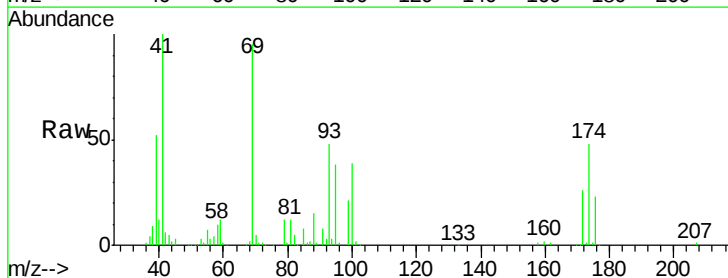
Tgt Ion: 41 Resp: 81108

Ion Ratio Lower Upper

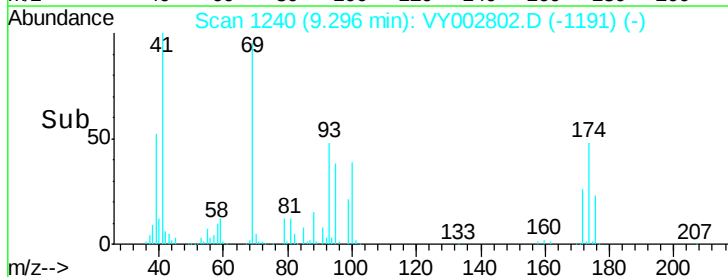
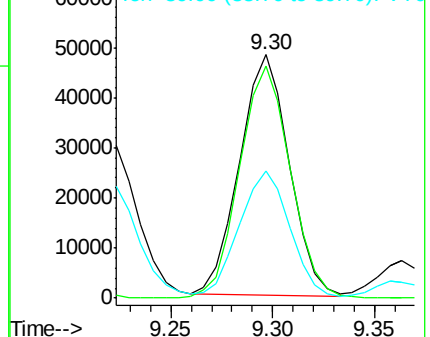
41 100

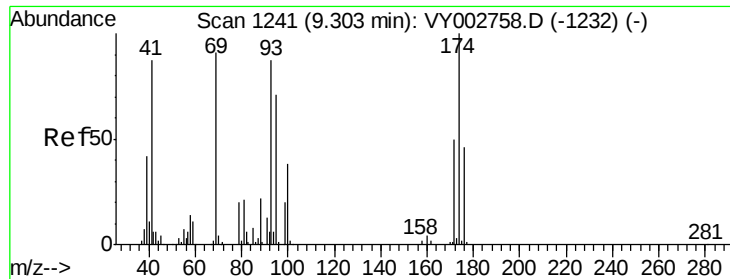
69 99.1 79.7 119.5

39 54.7 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

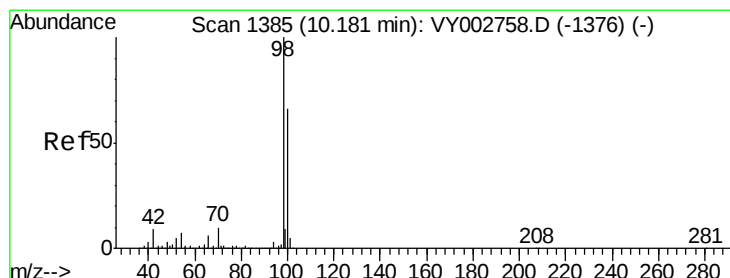
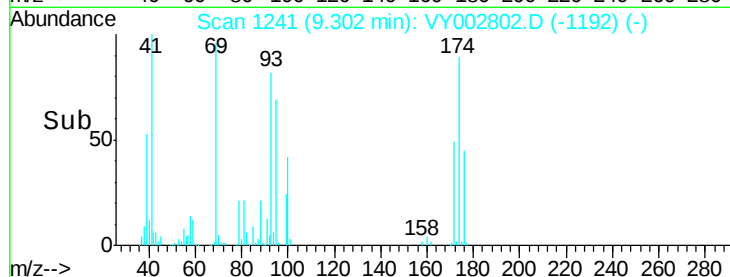
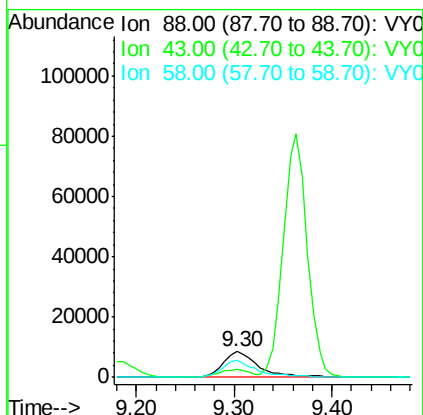
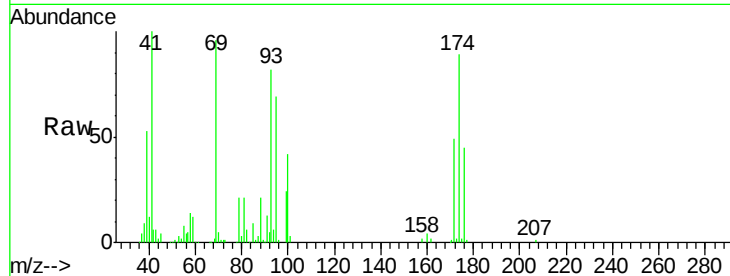




#49
1,4-Dioxane
Concen: 914.501 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

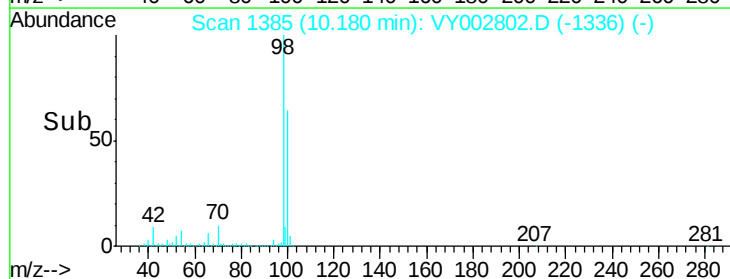
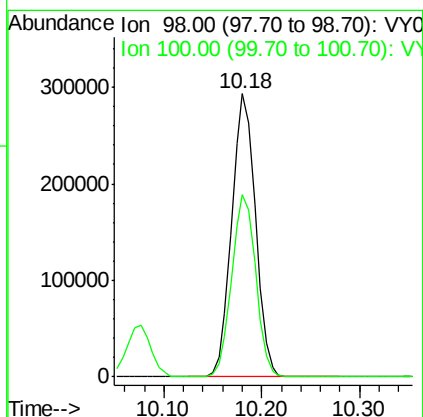
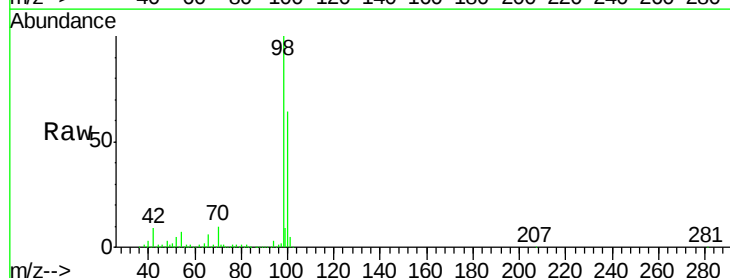
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

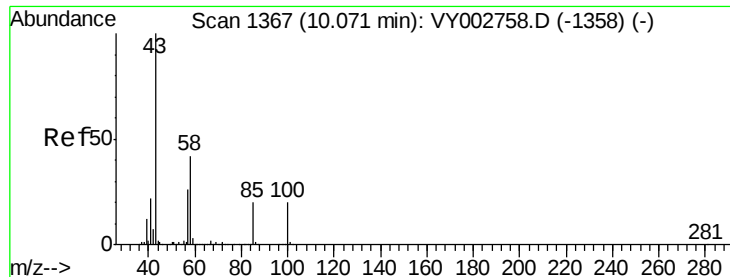
Tot Ion: 88 Resp: 21054
Ion Ratio Lower Upper
88 100
43 27.6 21.3 31.9
58 68.3 52.2 78.2



#50
Toluene-d8
Concen: 49.457 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion: 98 Resp: 495675
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 247.043 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

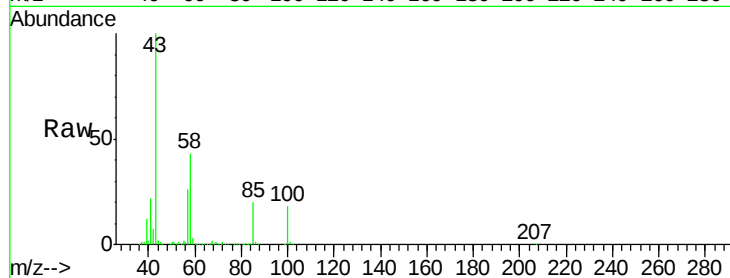
VSTDCCC050

Tot Ion: 43 Resp: 480550

Ion Ratio Lower Upper

43 100

58 42.4 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

250000

200000

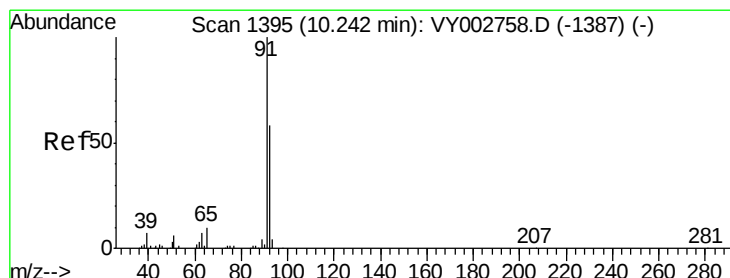
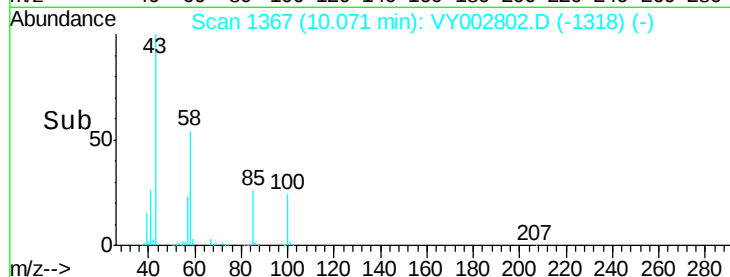
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.122 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002802.D

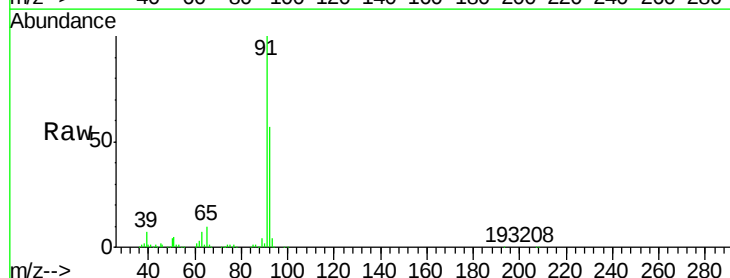
Acq: 01 Jun 2020 11:39

Tgt Ion: 92 Resp: 338307

Ion Ratio Lower Upper

92 100

91 172.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

400000

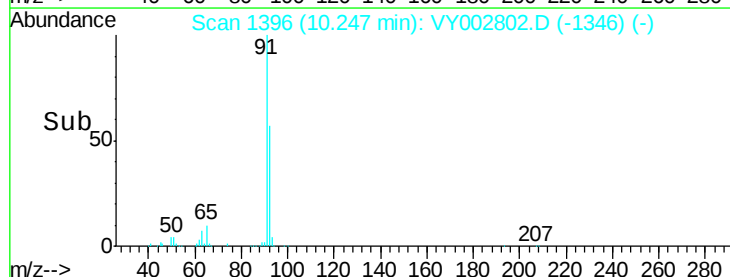
300000

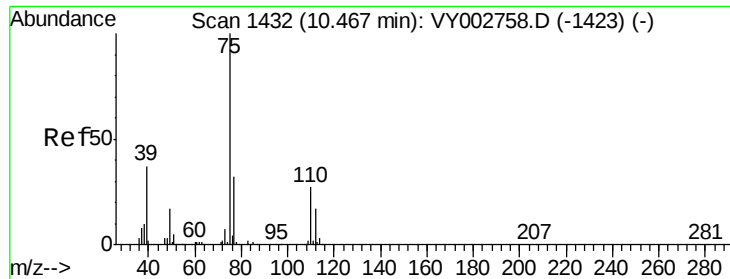
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.918 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampled :

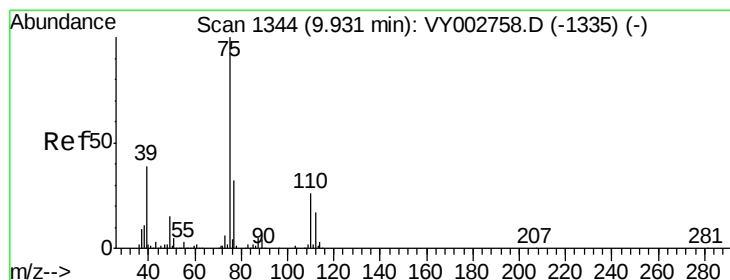
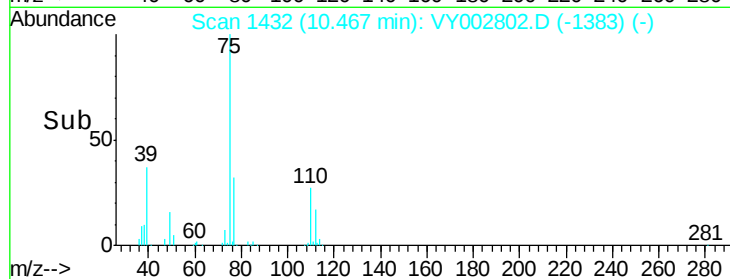
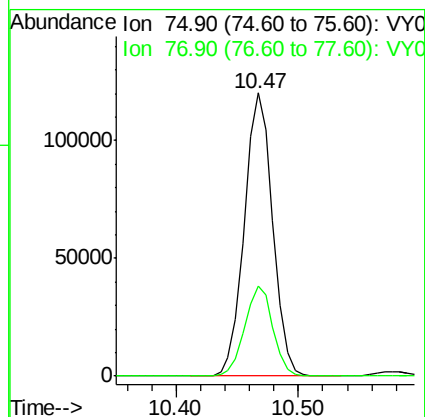
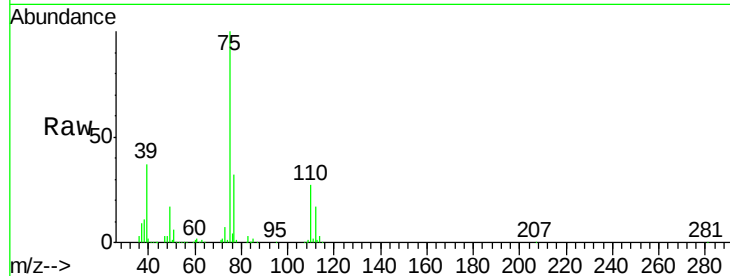
VSTDCCC050

Tot Ion: 75 Resp: 192724

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 49.020 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

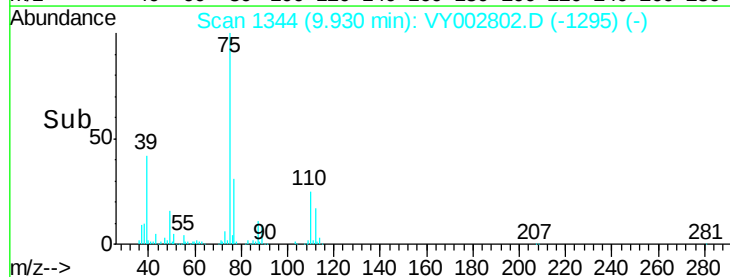
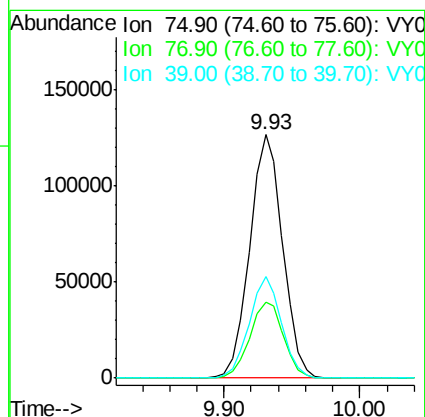
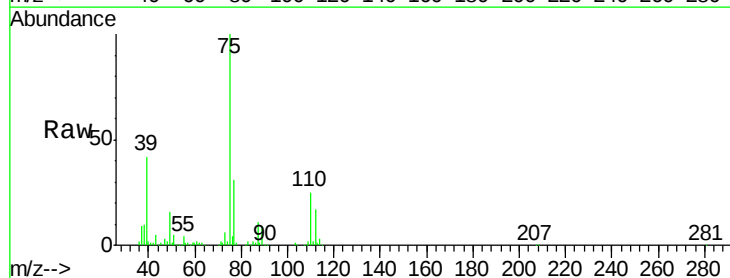
Tgt Ion: 75 Resp: 214448

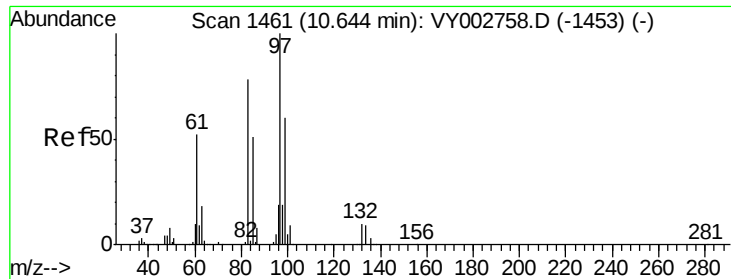
Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 41.5 31.3 46.9

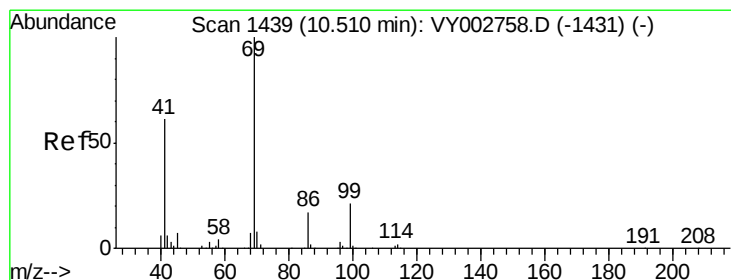
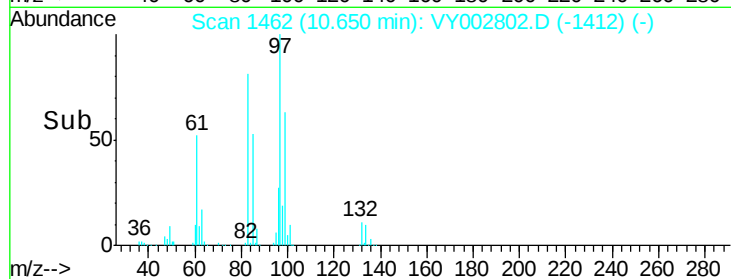
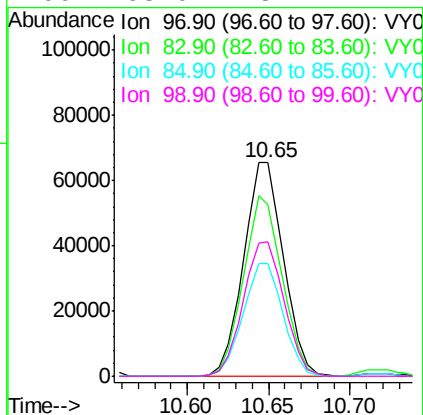
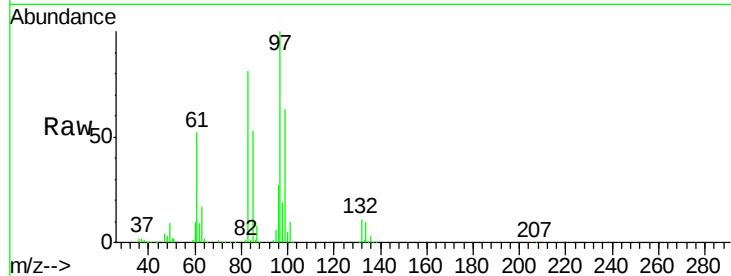




#55
 1,1,2-Trichloroethane
 Concen: 48.602 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

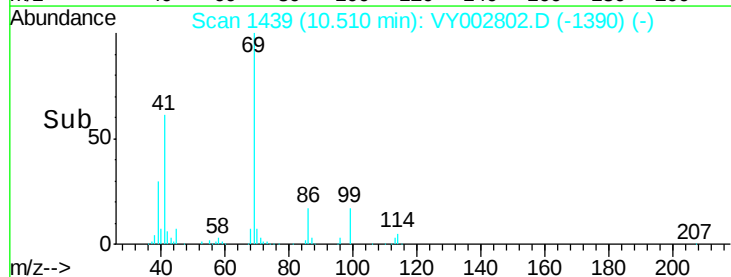
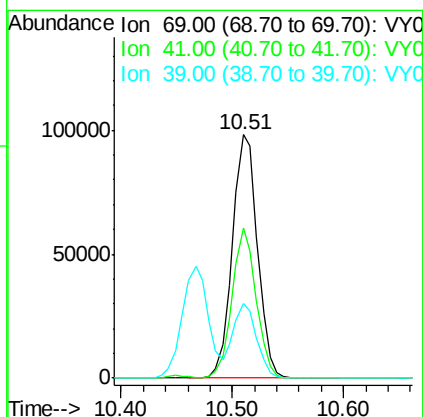
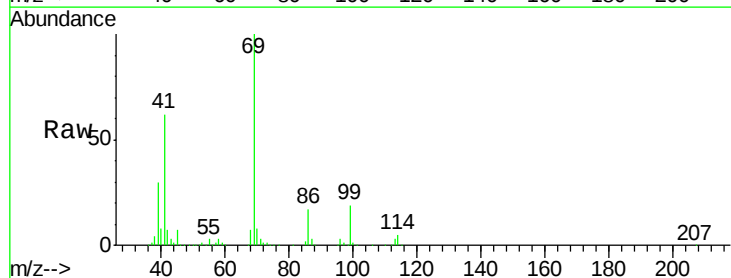
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	111565
Ion	Ratio	Lower	Upper
97	100		
83	80.5	62.7	94.1
85	52.6	40.6	60.8
99	63.0	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 49.651 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion:	69	Resp:	152656
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.0	70.4
39	29.1	22.0	33.0





#57

1,3-Dichloropropane

Concen: 48.445 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

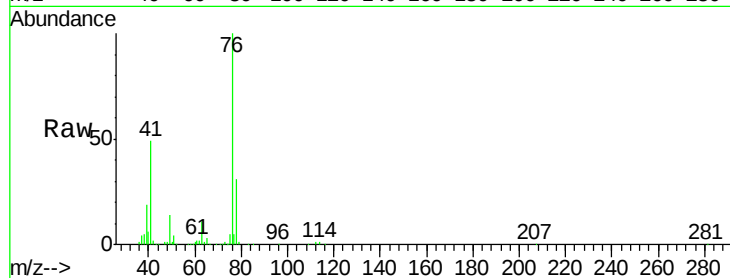
VSTDCCC050

Tot Ion: 76 Resp: 182907

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

120000

100000

80000

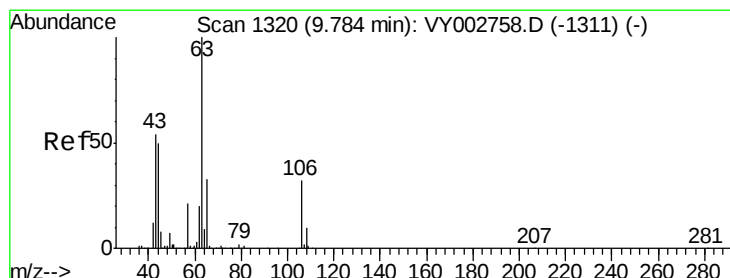
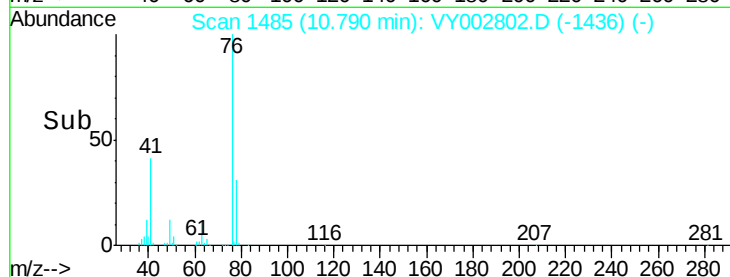
60000

40000

20000

0

Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 252.390 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002802.D

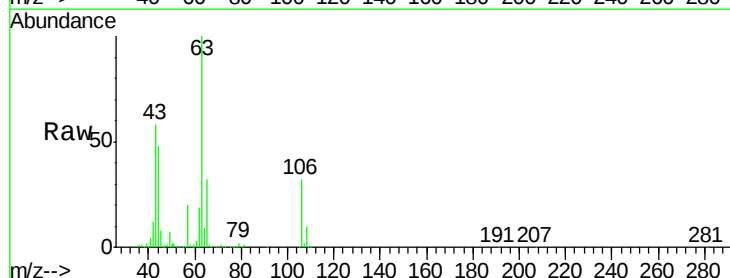
Acq: 01 Jun 2020 11:39

Tgt Ion: 63 Resp: 379175

Ion Ratio Lower Upper

63 100

106 32.3 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

250000

200000

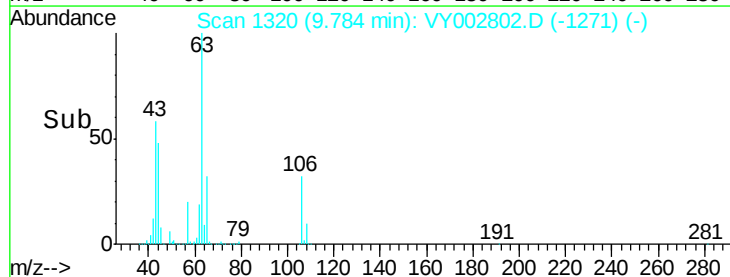
150000

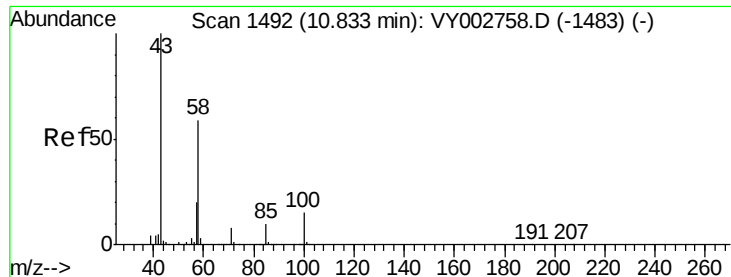
100000

50000

0

Time--> 9.70 9.80 9.90

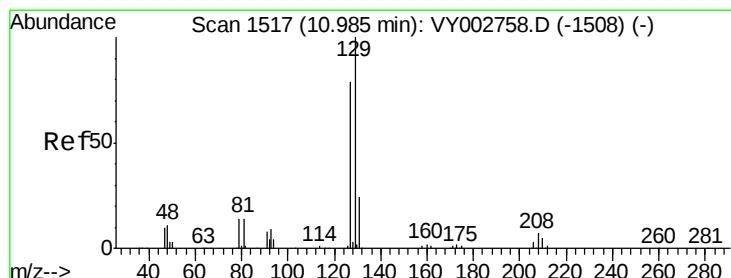
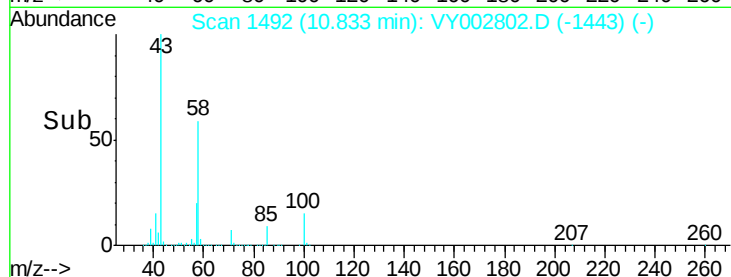
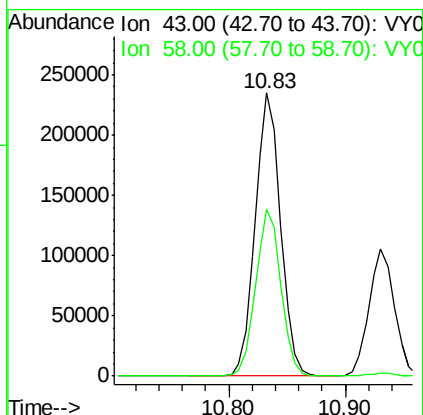
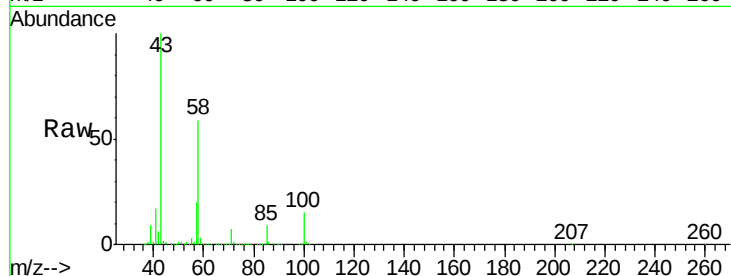




#59
2-Hexanone
Concen: 258.771 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

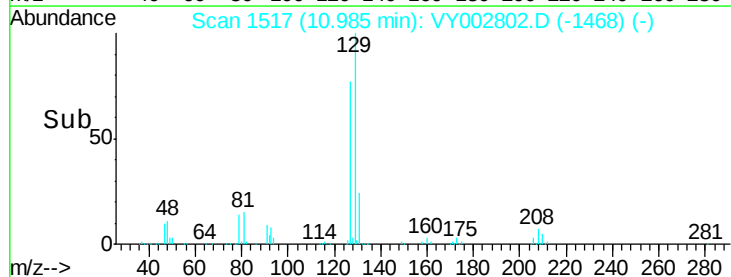
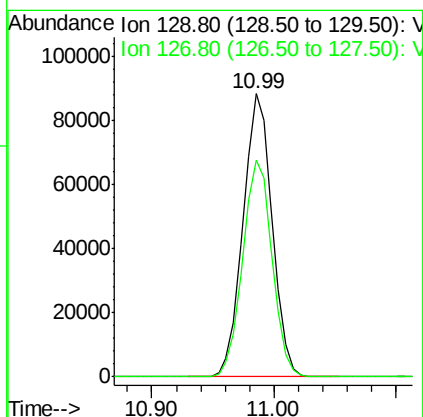
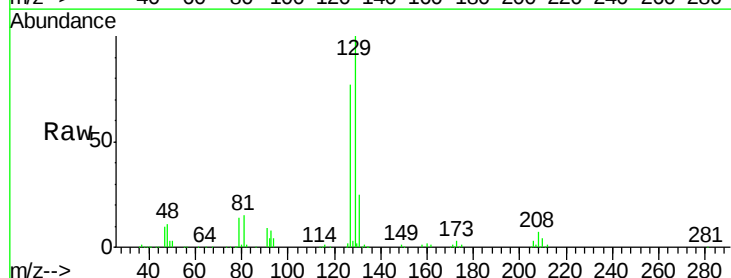
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

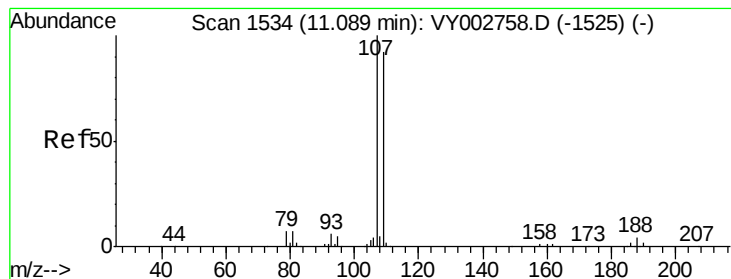
Tot Ion: 43 Resp: 357149
Ion Ratio Lower Upper
43 100
58 58.7 29.5 88.5



#60
Dibromochloromethane
Concen: 50.068 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion: 129 Resp: 145712
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.918 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

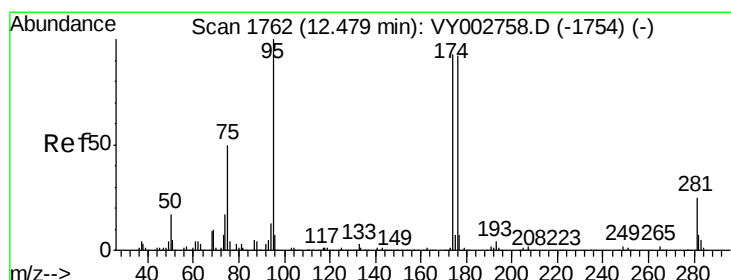
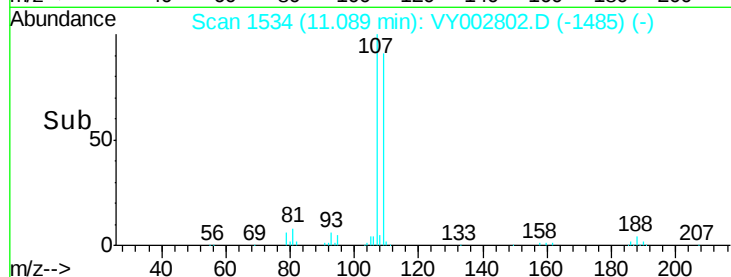
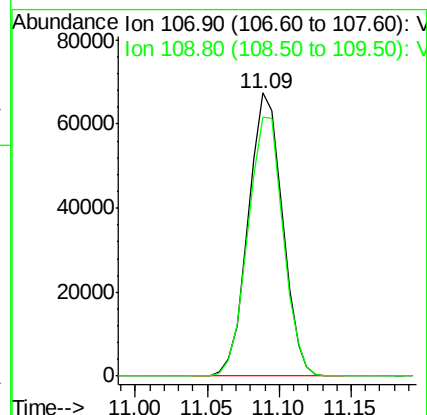
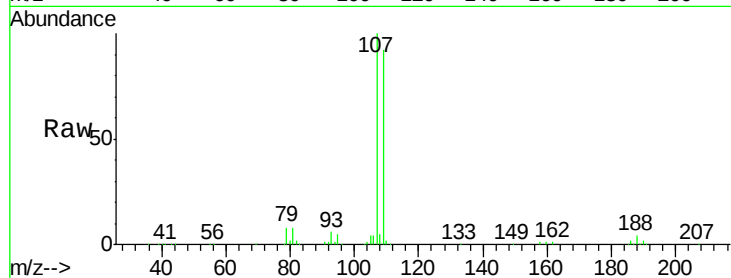
VSTDCCC050

Tot Ion:107 Resp: 110770

Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.984 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

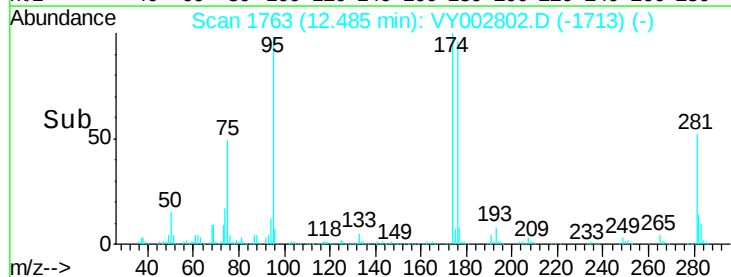
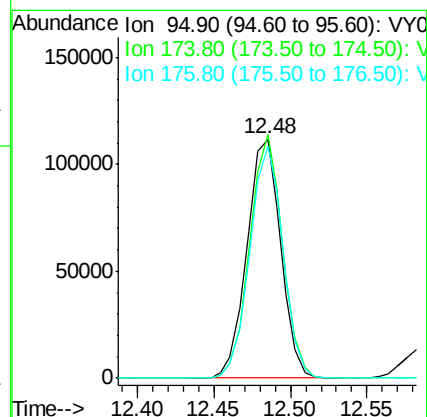
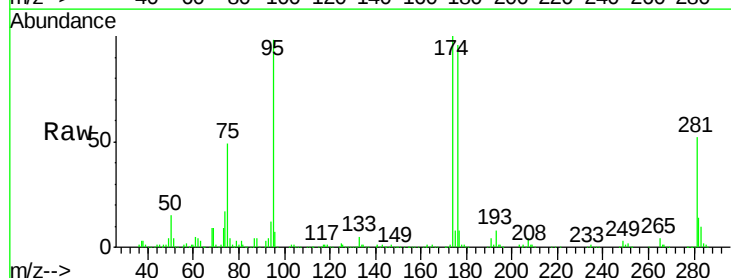
Tgt Ion: 95 Resp: 171203

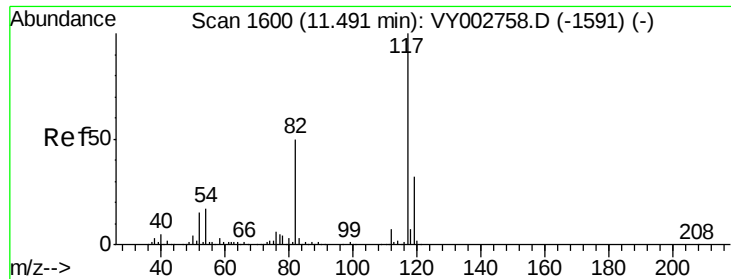
Ion Ratio Lower Upper

95 100

174 98.6 0.0 191.2

176 95.1 0.0 188.8

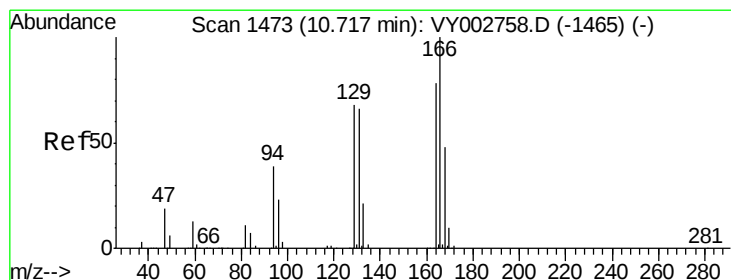
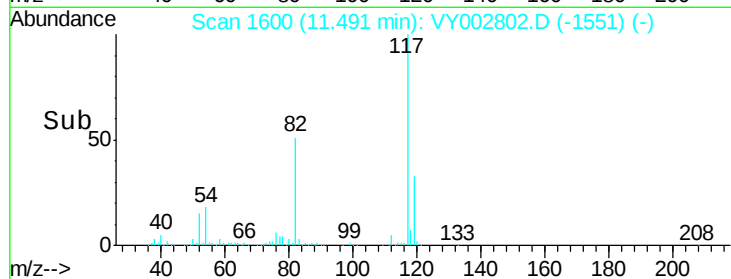
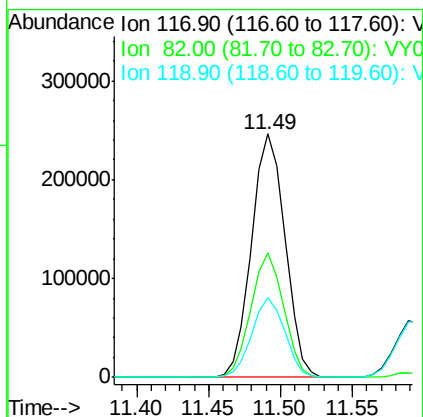
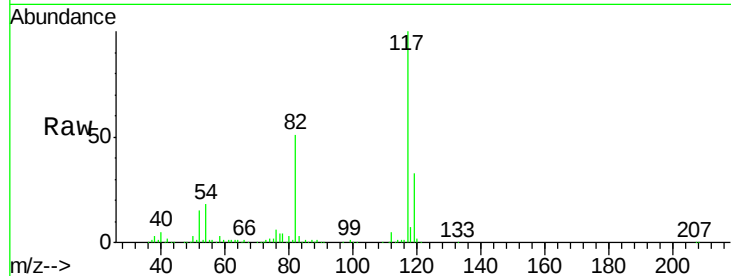




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

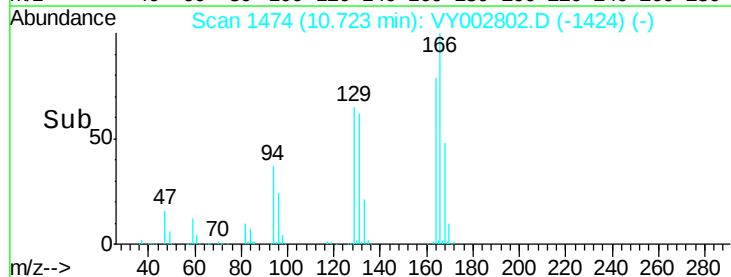
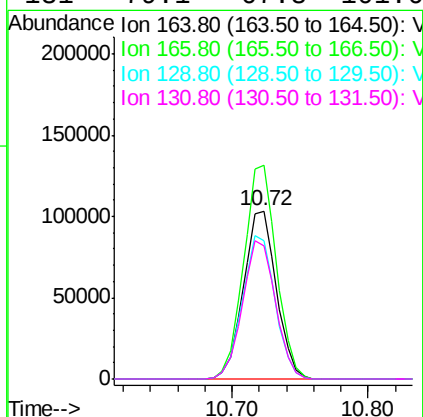
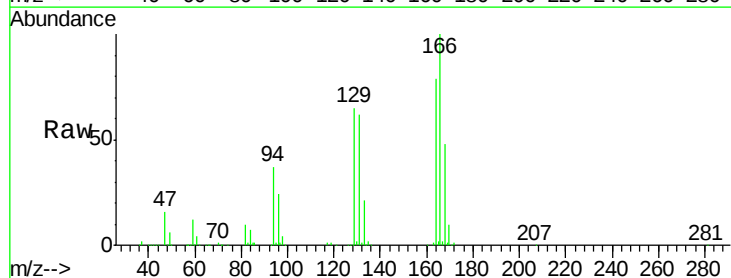
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

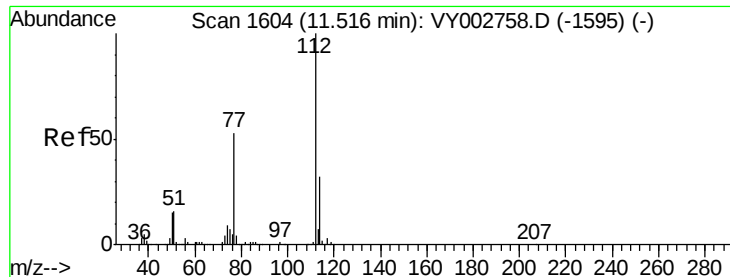
Tot Ion:117 Resp: 395853
Ion Ratio Lower Upper
117 100
82 51.4 40.2 60.4
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 48.450 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion:164 Resp: 174310
Ion Ratio Lower Upper
164 100
166 127.2 102.3 153.5
129 82.6 69.4 104.2
131 79.1 67.8 101.6

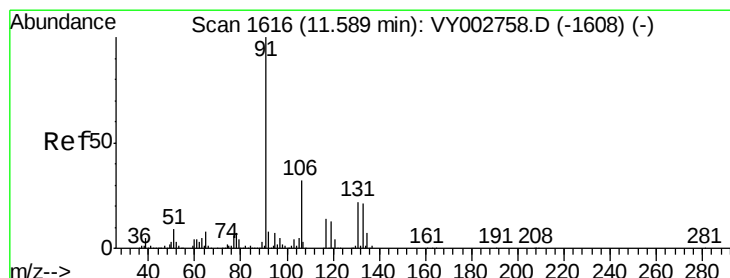
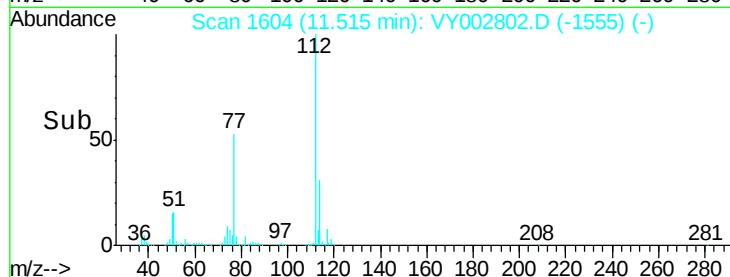
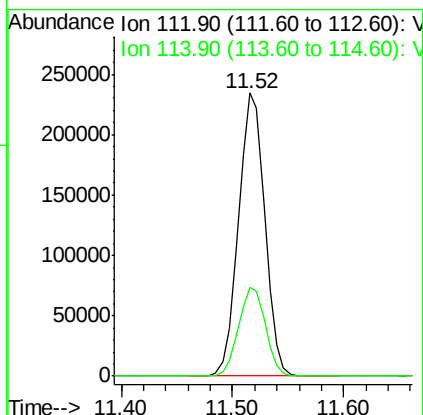
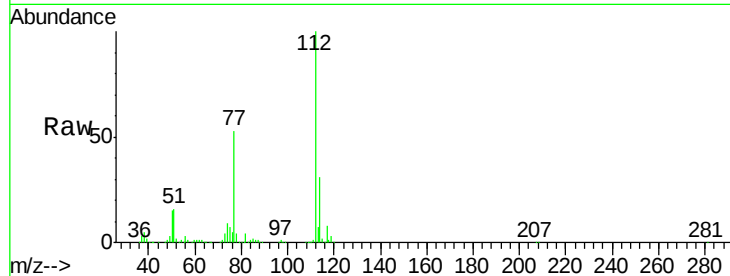




#65
Chlorobenzene
Concen: 48.750 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

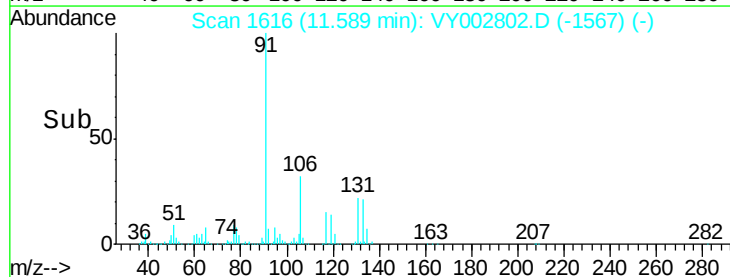
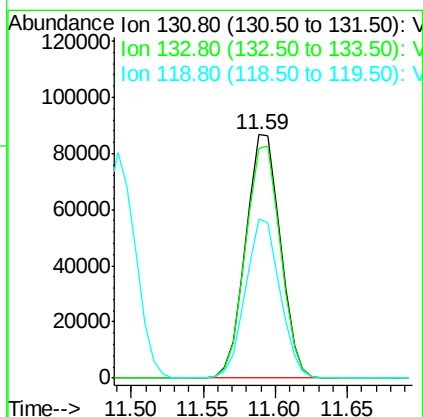
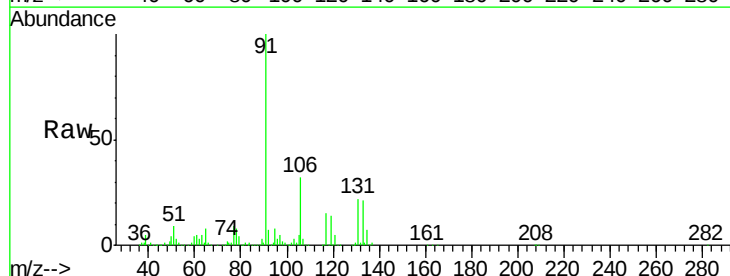
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 381419
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.976 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion:131 Resp: 144319
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.8
119 64.5 31.7 95.1

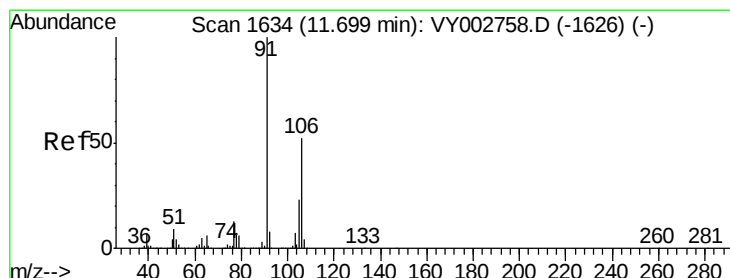
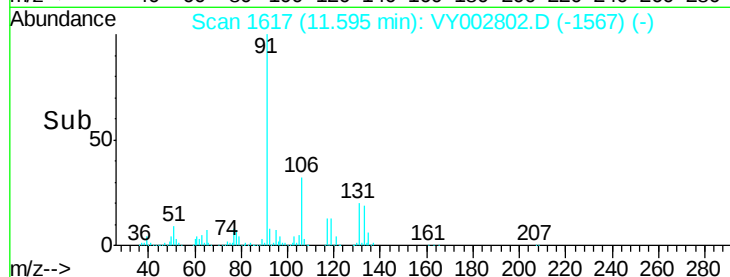
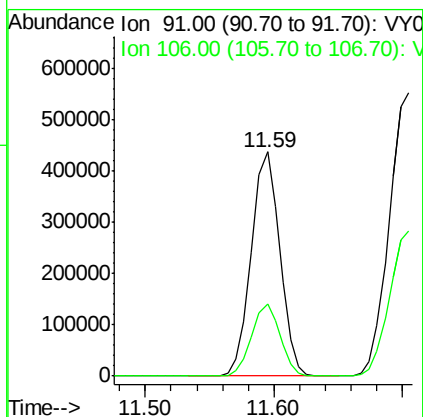
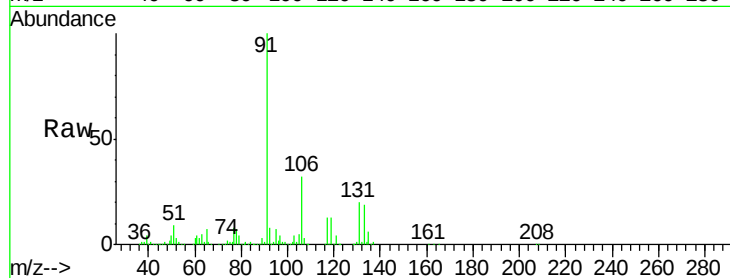




#67
Ethyl Benzene
Concen: 49.216 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

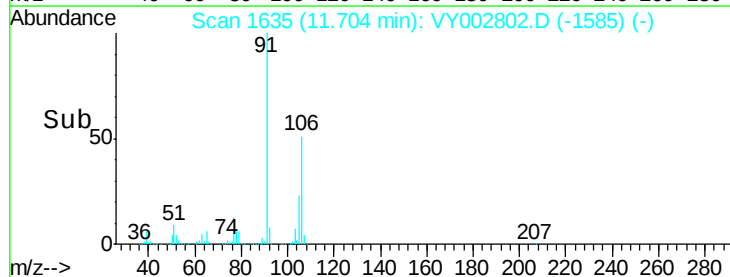
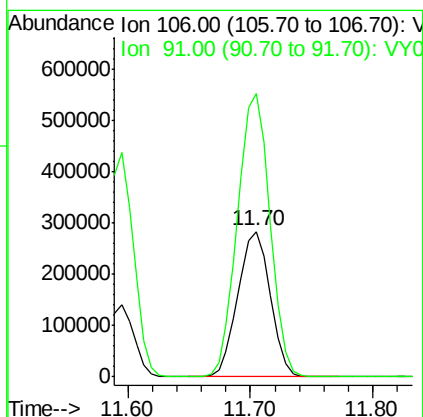
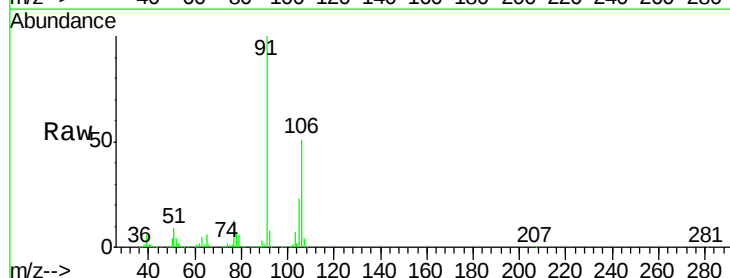
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 667565
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5



#68
m/p-Xylenes
Concen: 99.160 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion: 106 Resp: 521478
Ion Ratio Lower Upper
106 100
91 195.0 156.0 234.0

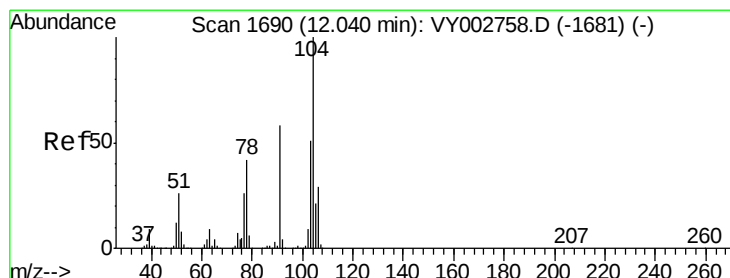
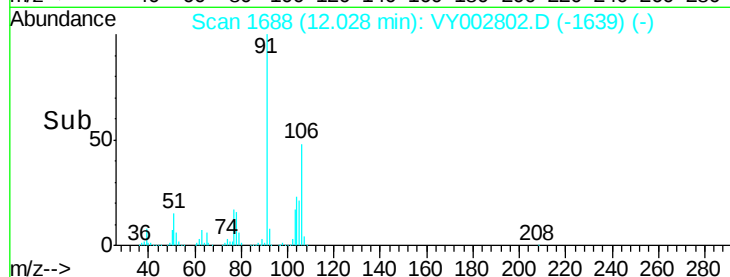
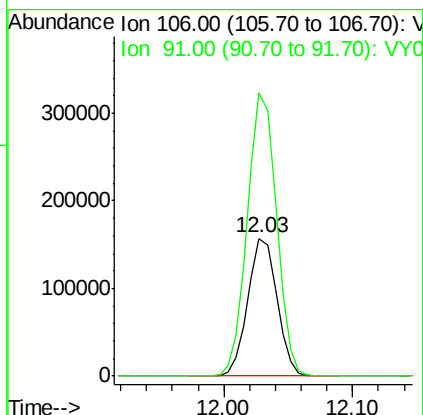
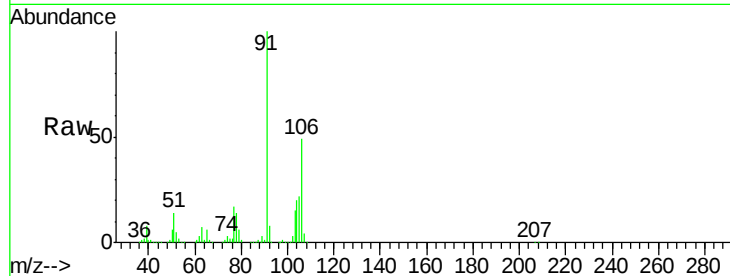




#69
o-Xylene
Concen: 49.508 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

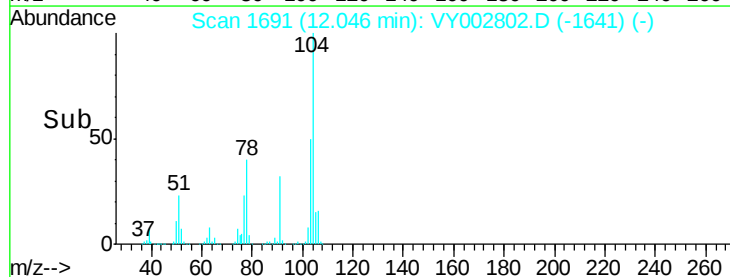
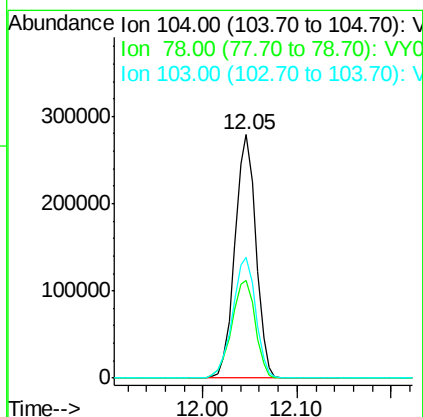
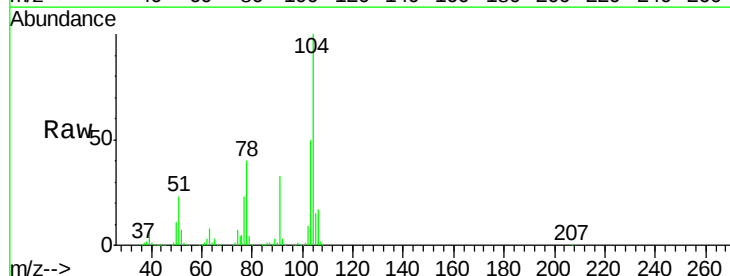
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

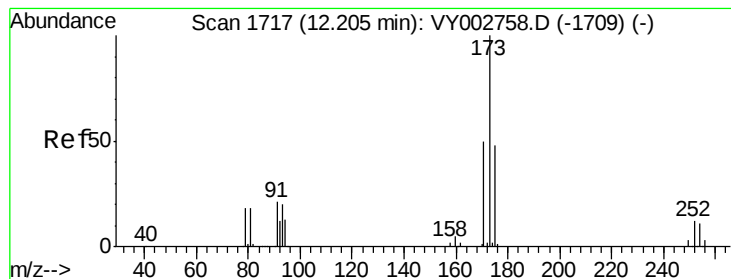
Tot Ion:106 Resp: 245790
Ion Ratio Lower Upper
106 100
91 205.5 102.4 307.1



#70
Styrene
Concen: 50.155 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion:104 Resp: 431653
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 50.270 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

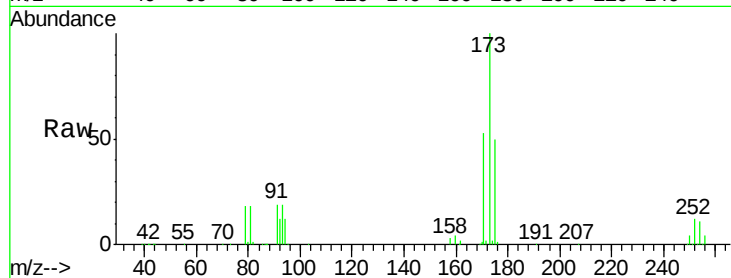
Tot Ion:173 Resp: 99118

Ion Ratio Lower Upper

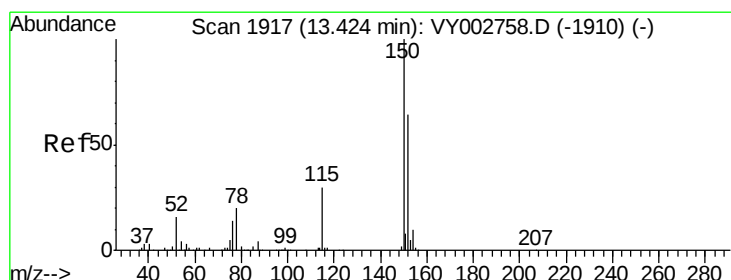
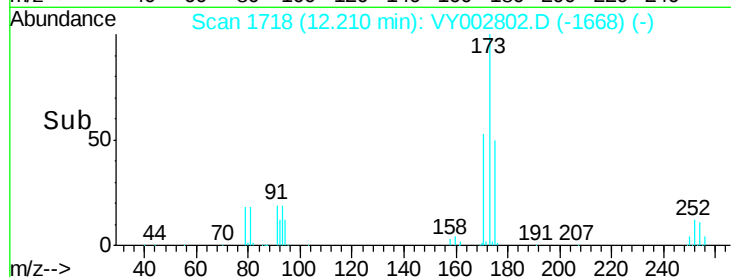
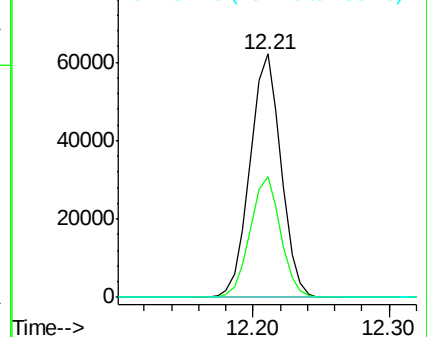
173 100

175 48.8 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: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

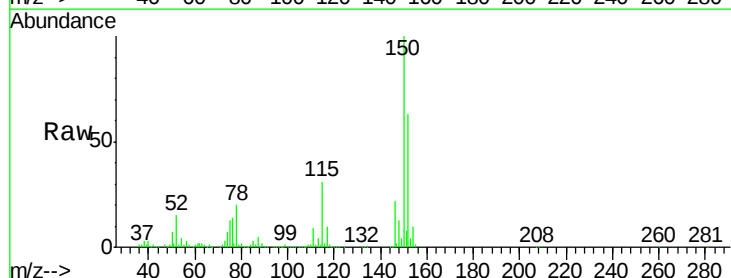
Tgt Ion:152 Resp: 219672

Ion Ratio Lower Upper

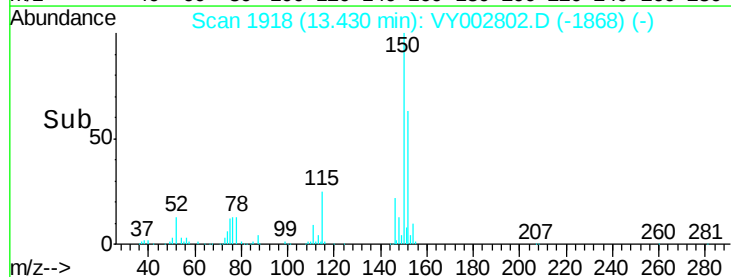
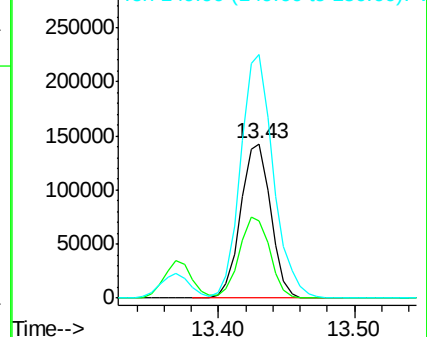
152 100

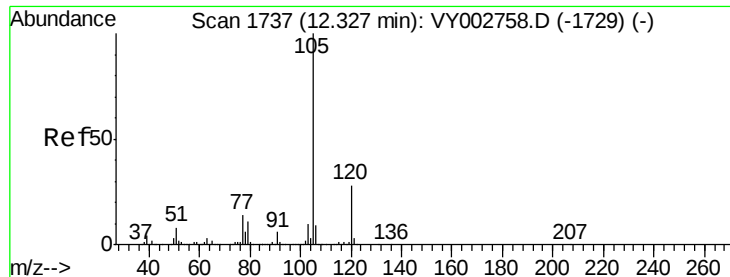
115 52.8 27.0 81.0

150 171.4 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: 47.892 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

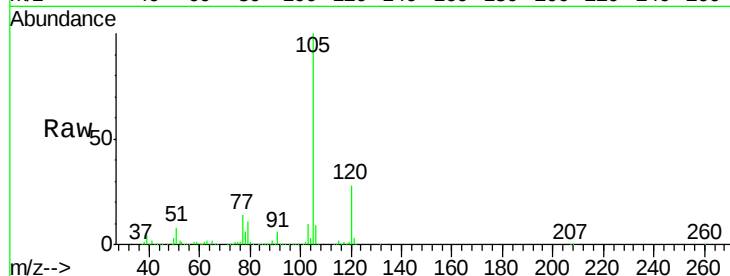
VSTDCCC050

Tot Ion:105 Resp: 674199

Ion Ratio Lower Upper

105 100

120 27.9 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

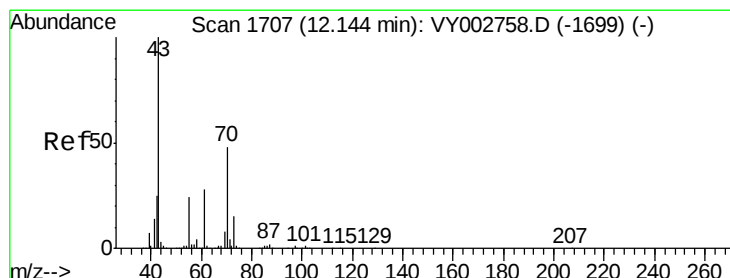
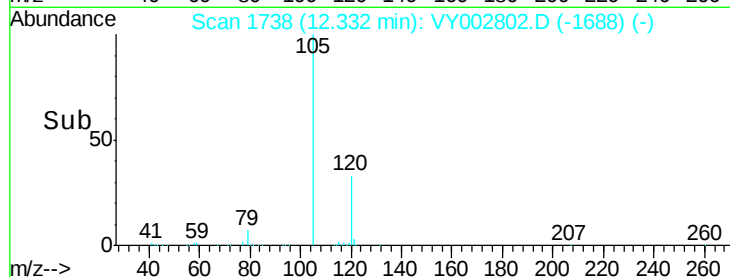
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 47.961 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Tgt Ion: 43 Resp: 173238

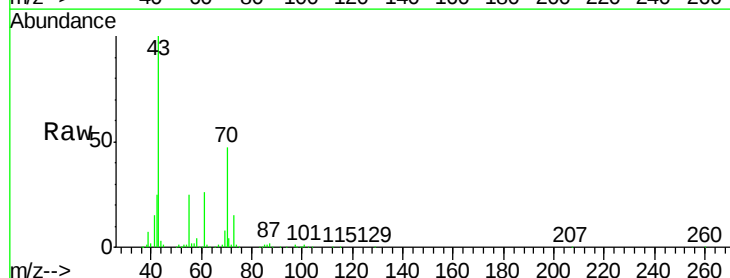
Ion Ratio Lower Upper

43 100

70 48.3 37.7 56.5

55 24.6 19.8 29.6

61 27.0 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

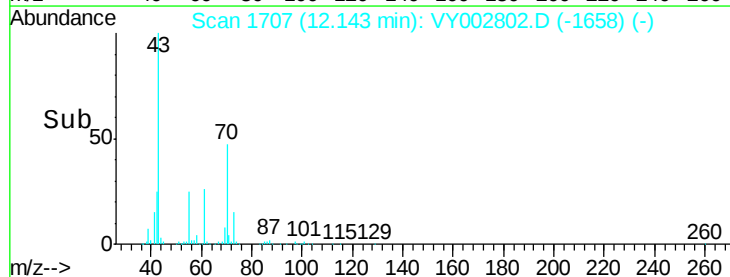
150000

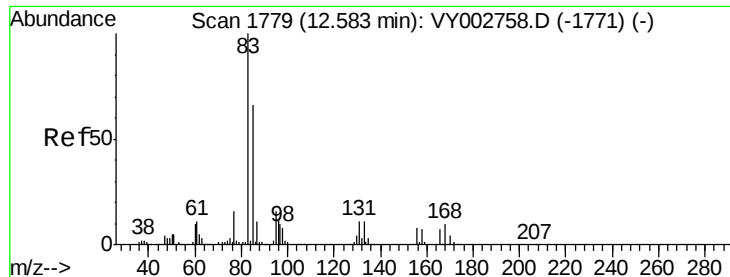
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.507 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

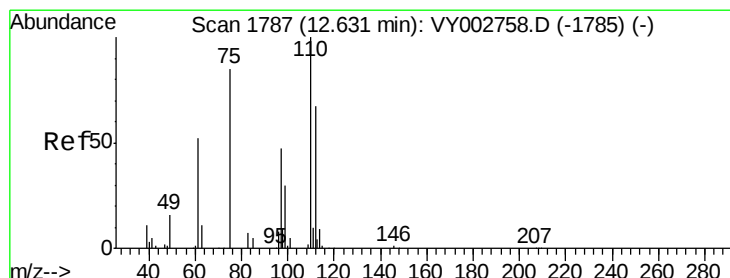
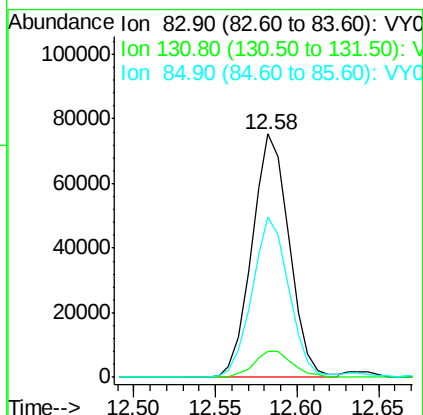
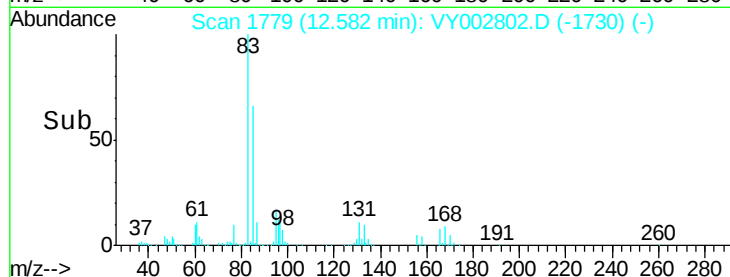
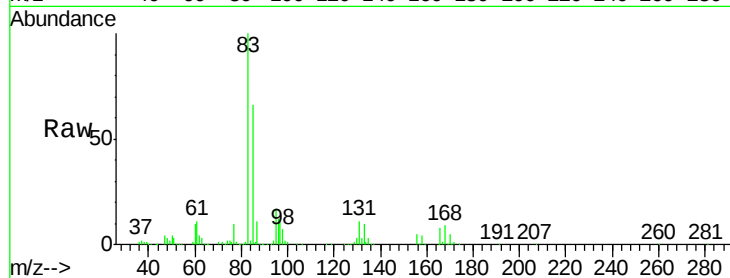
Tot Ion: 83 Resp: 119812

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

85 65.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 51.562 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY002802.D

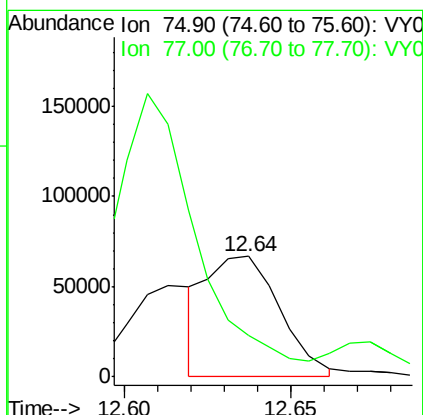
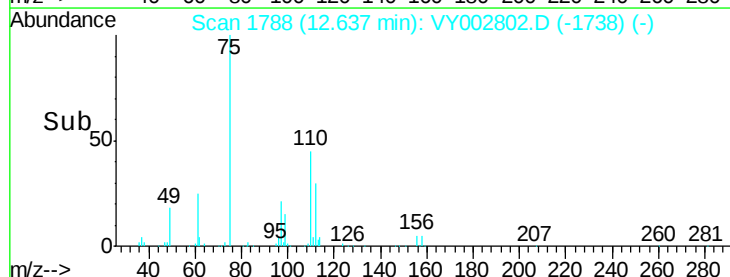
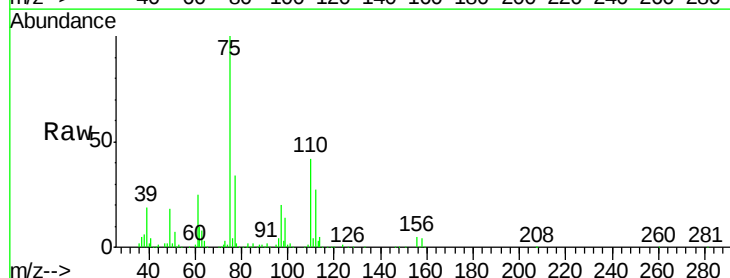
Acq: 01 Jun 2020 11:39

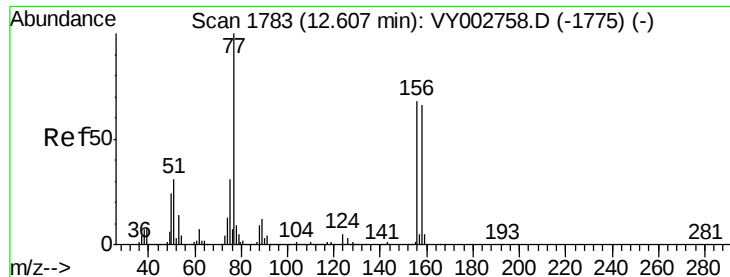
Tgt Ion: 75 Resp: 102062

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.575 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

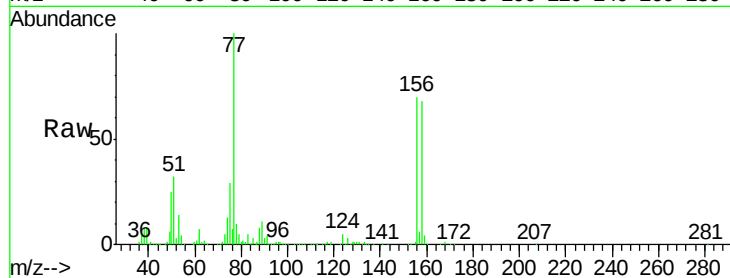
Tot Ion:156 Resp: 174390

Ion Ratio Lower Upper

156 100

77 159.1 81.4 244.2

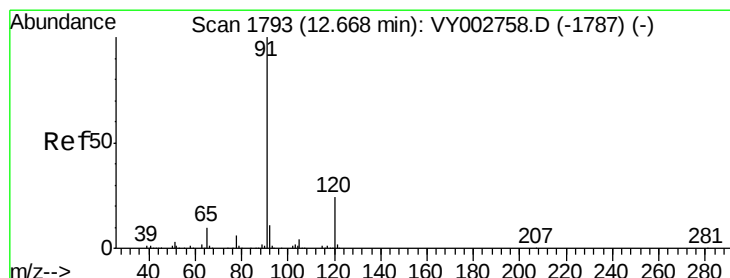
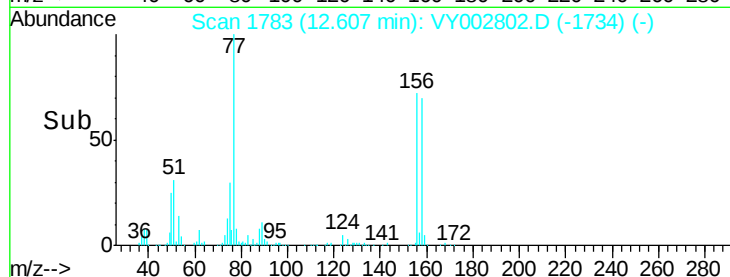
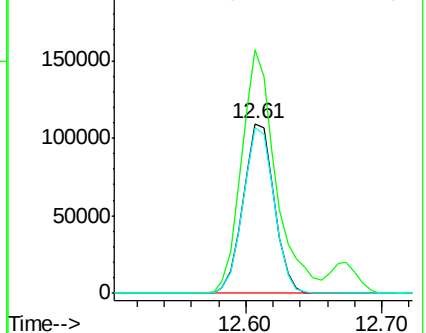
158 97.8 48.5 145.6



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: 48.915 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002802.D

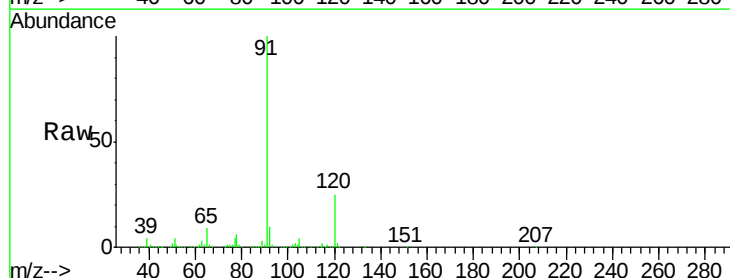
Acq: 01 Jun 2020 11:39

Tgt Ion: 91 Resp: 795421

Ion Ratio Lower Upper

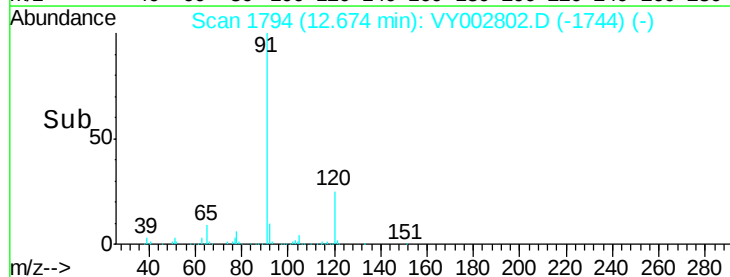
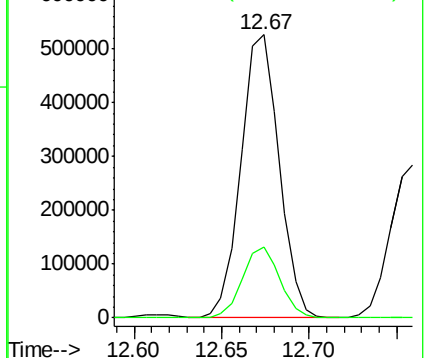
91 100

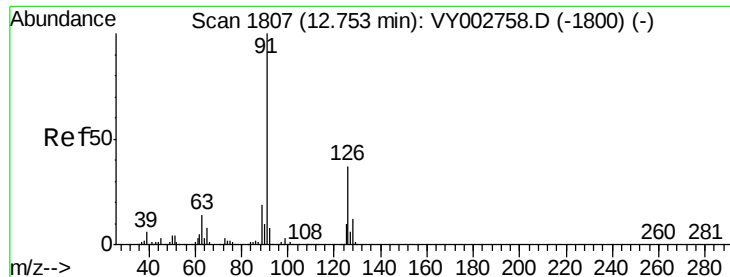
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

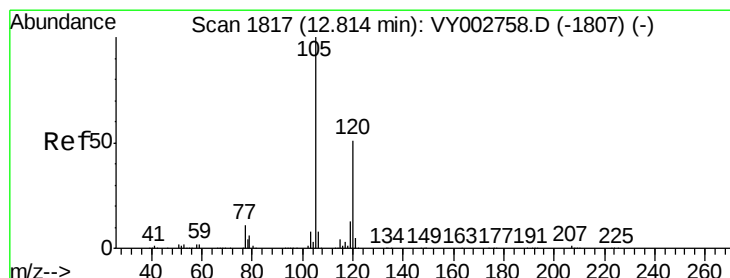
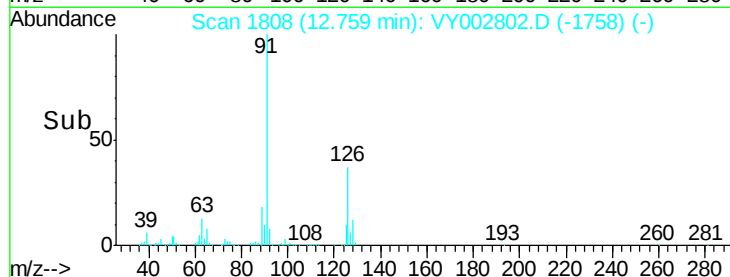
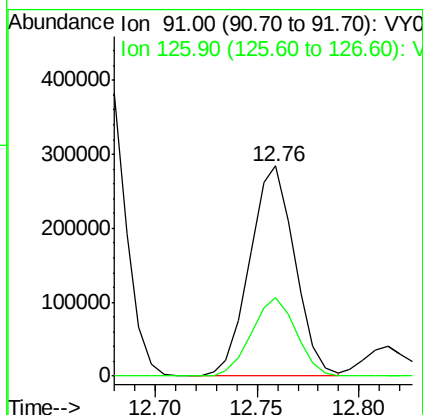
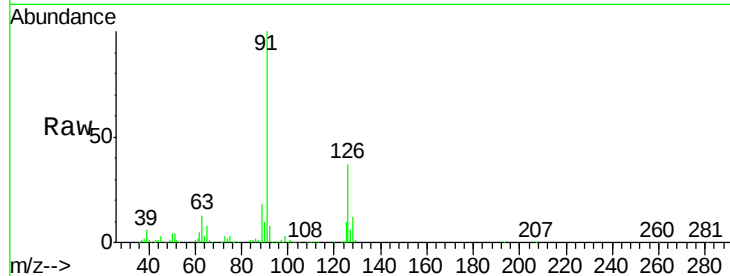




#79
2-Chlorotoluene
Concen: 47.817 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

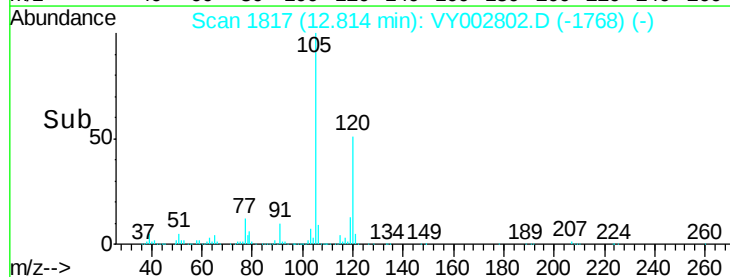
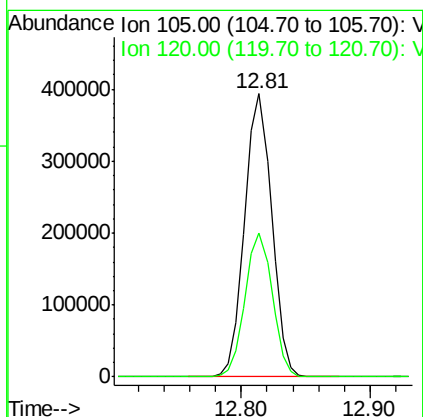
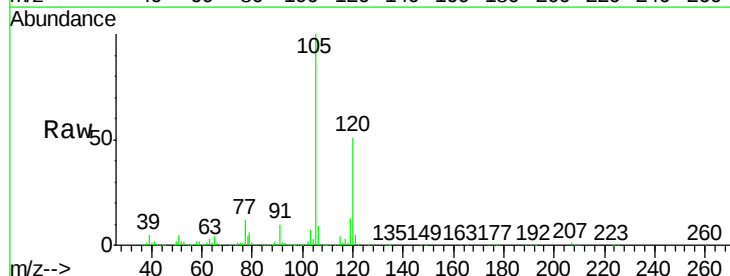
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

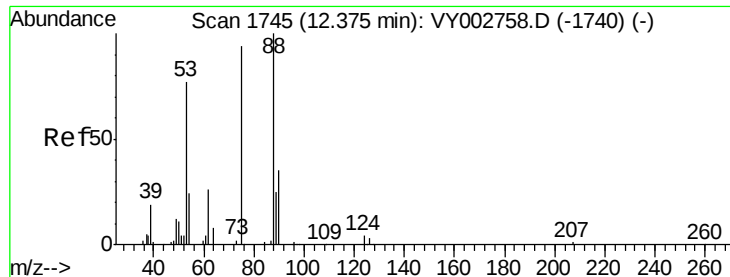
Tot Ion: 91 Resp: 436168
Ion Ratio Lower Upper
91 100
126 37.3 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 48.604 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion: 105 Resp: 571299
Ion Ratio Lower Upper
105 100
120 51.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.149 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

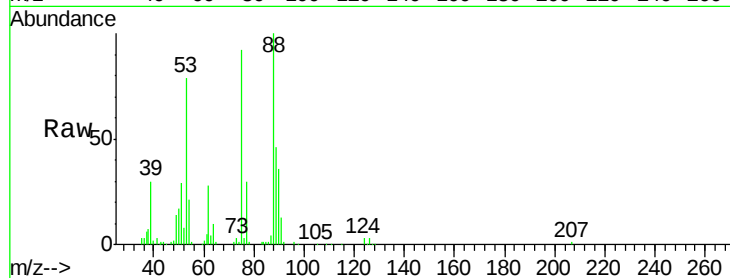
Tot Ion: 75 Resp: 50587

Ion Ratio Lower Upper

75 100

53 83.3 64.0 96.0

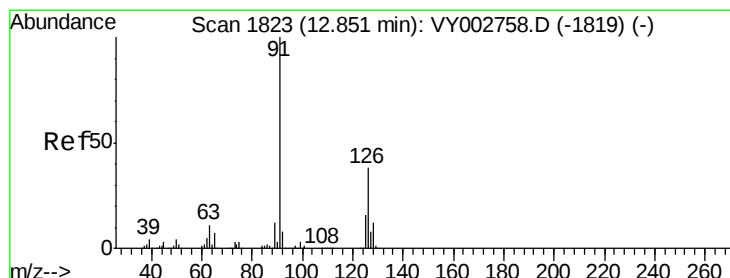
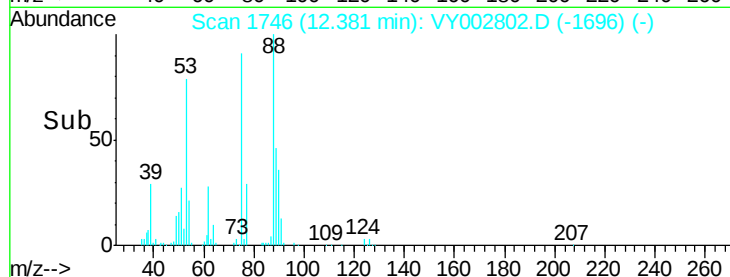
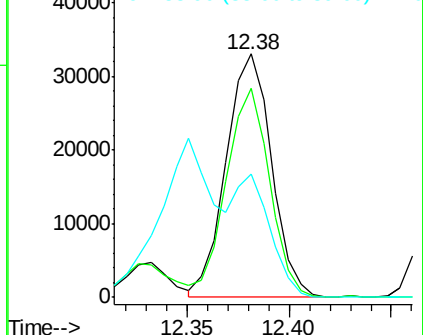
89 39.2 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.634 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002802.D

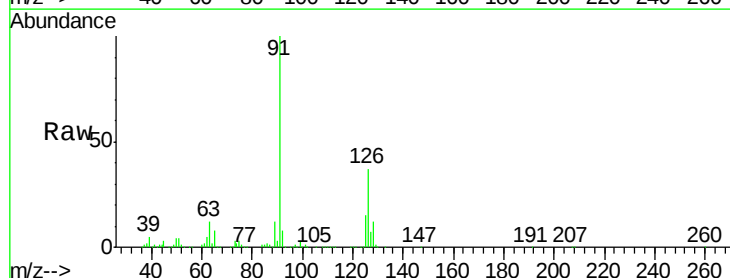
Acq: 01 Jun 2020 11:39

Tgt Ion: 91 Resp: 464790

Ion Ratio Lower Upper

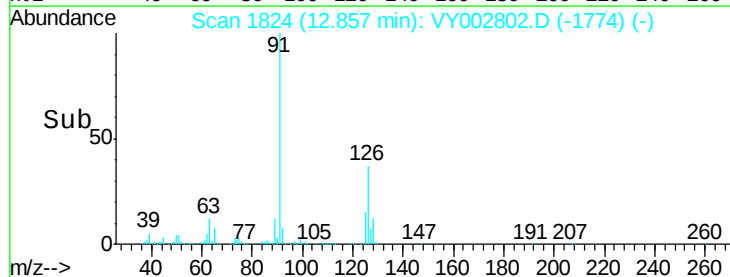
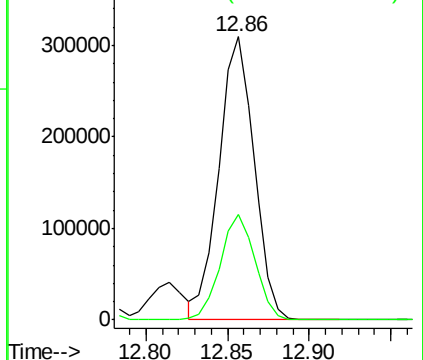
91 100

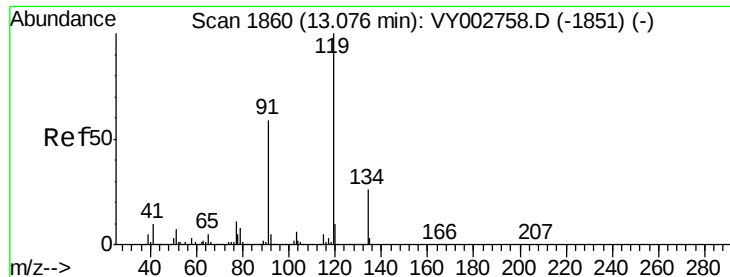
126 36.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

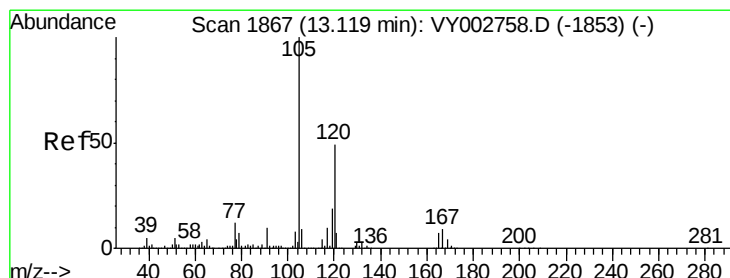
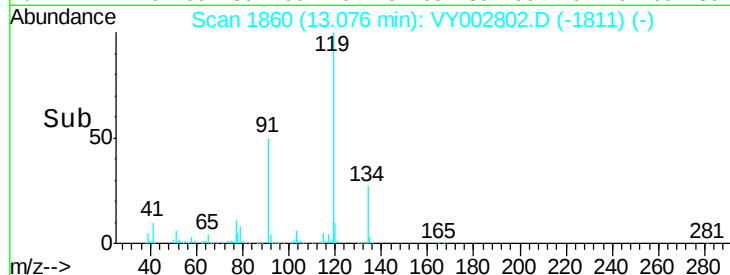
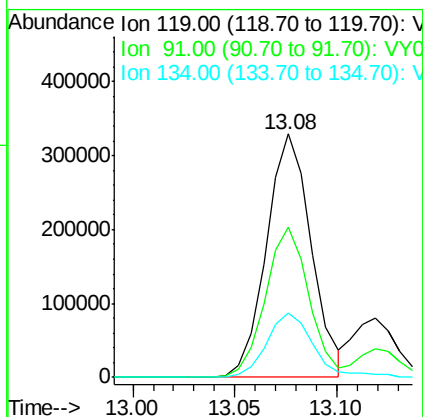
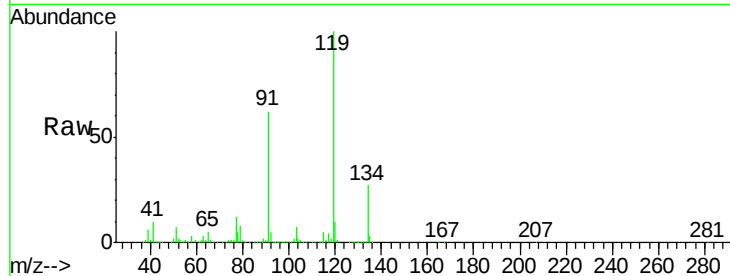




#83
 tert-Butylbenzene
 Concen: 48.096 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

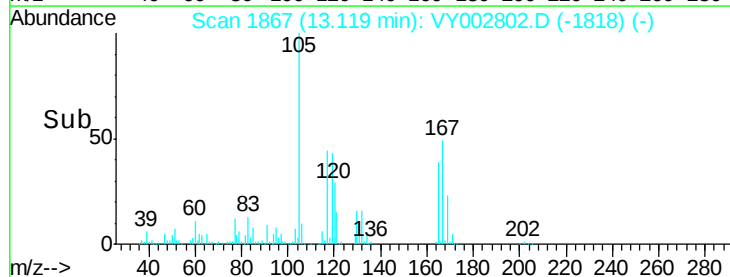
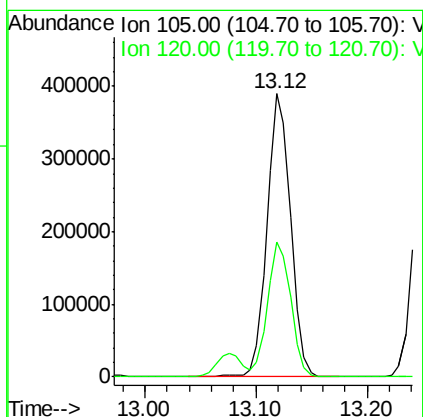
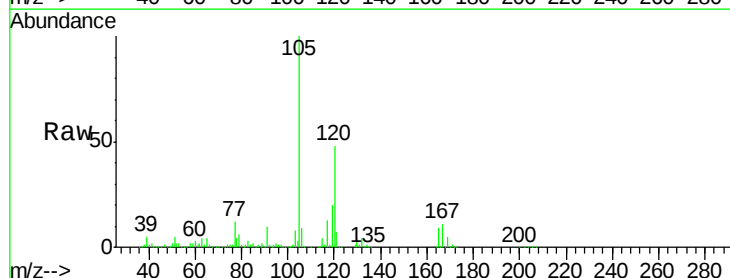
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

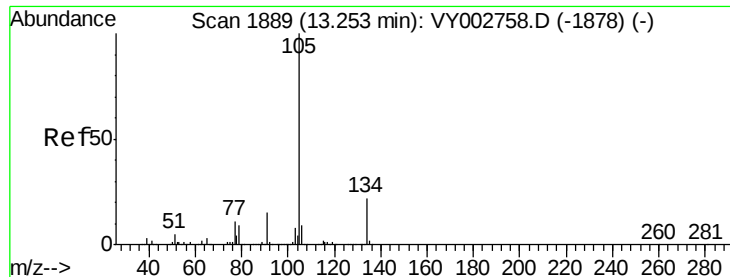
Tot Ion:119 Resp: 504274
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.8 89.4
 134 27.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.684 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion:105 Resp: 575385
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.6 70.8





#85

sec-Butylbenzene

Concen: 48.834 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Instrument :

MSVOA_Y

ClientSampled :

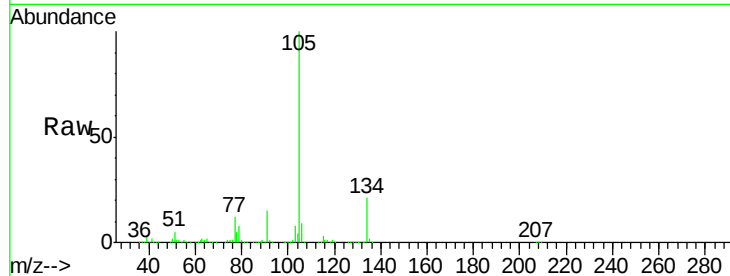
VSTDCCC050

Tot Ion:105 Resp: 700084

Ion Ratio Lower Upper

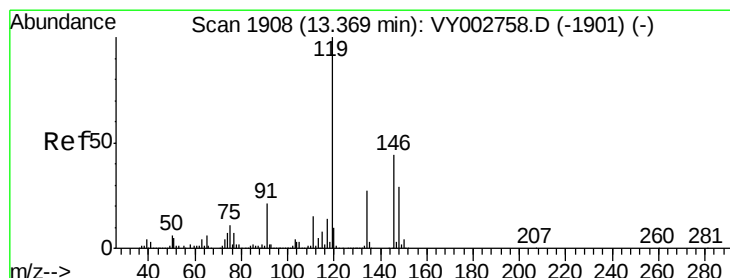
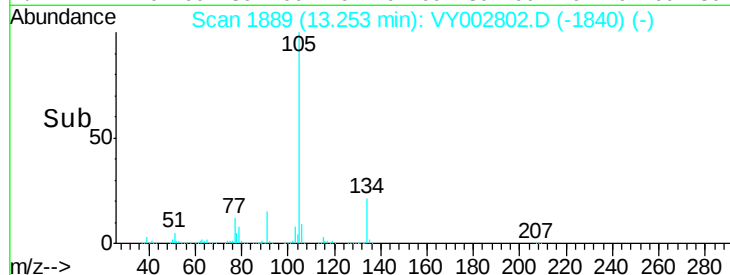
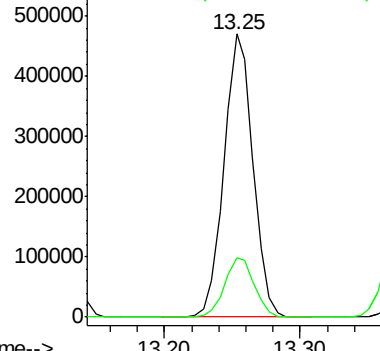
105 100

134 21.6 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: 49.206 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

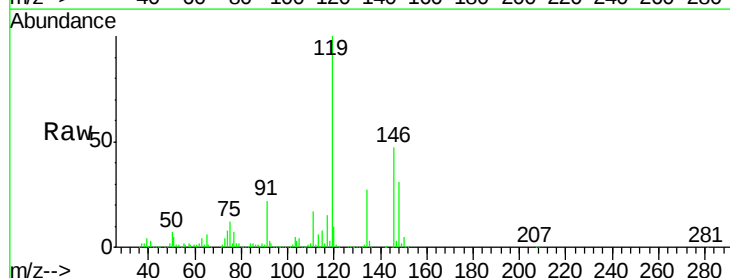
Tgt Ion:119 Resp: 656380

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

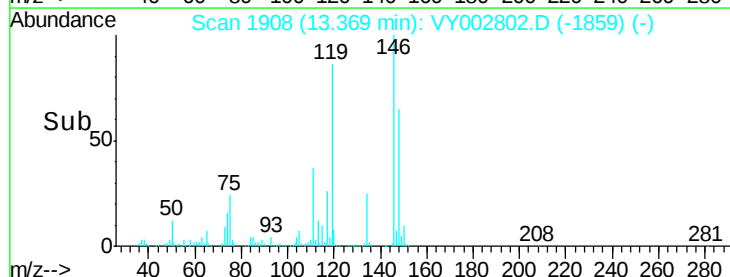
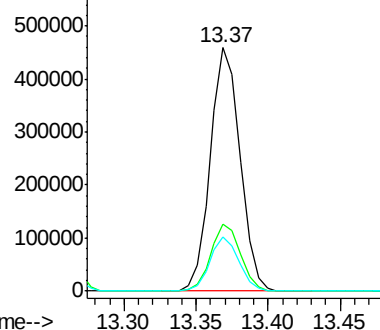
91 21.8 10.8 32.4

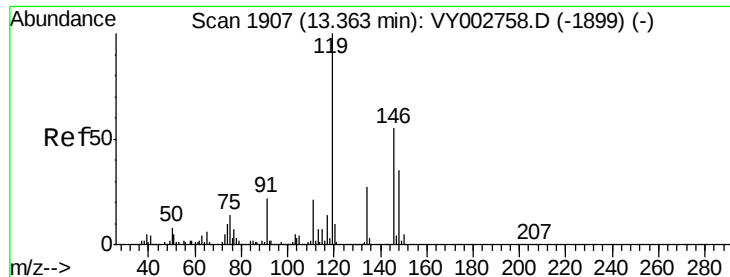


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.232 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY002802.D

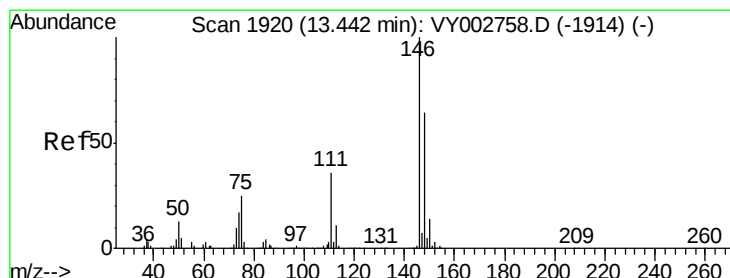
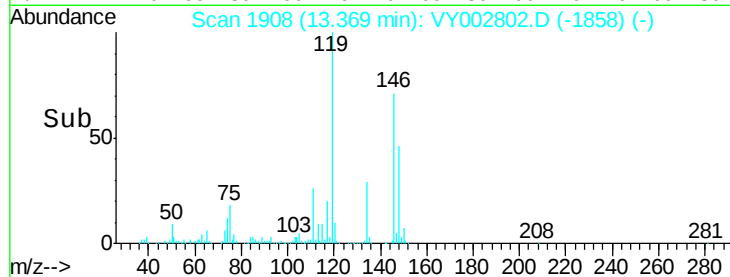
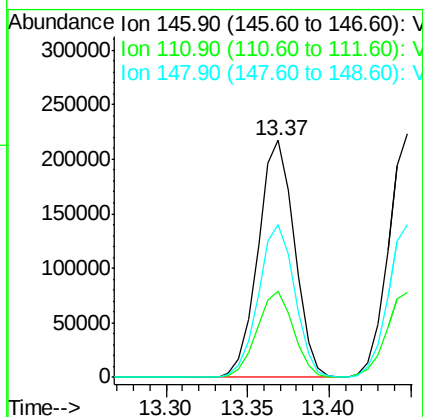
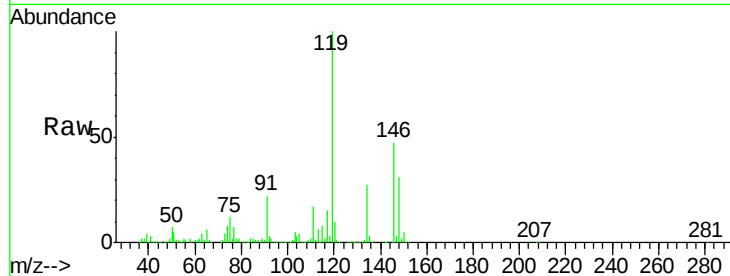
Acq: 01 Jun 2020 11:39

Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 334890

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.0
148	64.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 47.963 ug/l

RT: 13.45 min Scan# 1921

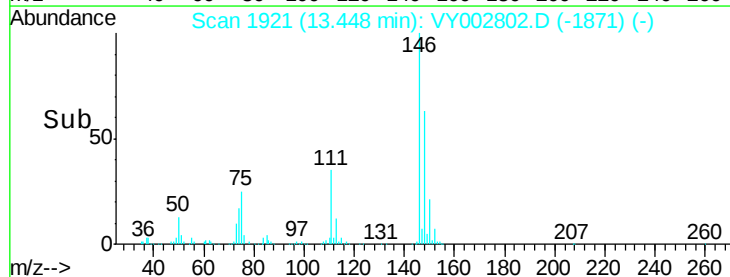
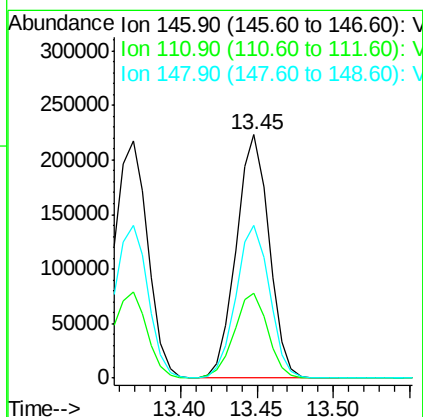
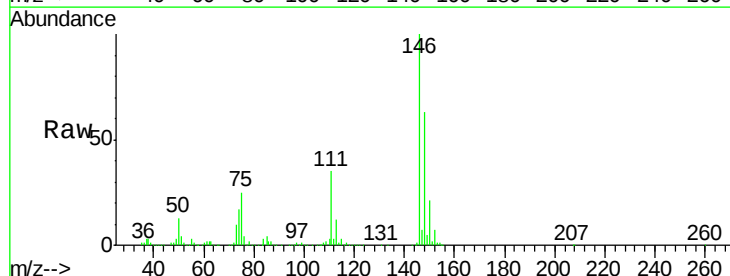
Delta R.T. 0.01 min

Lab File: VY002802.D

Acq: 01 Jun 2020 11:39

Tgt Ion:146 Resp: 333135

Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.3
148	64.1	32.1	96.3

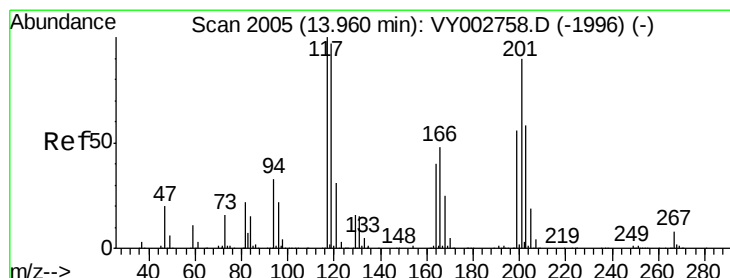
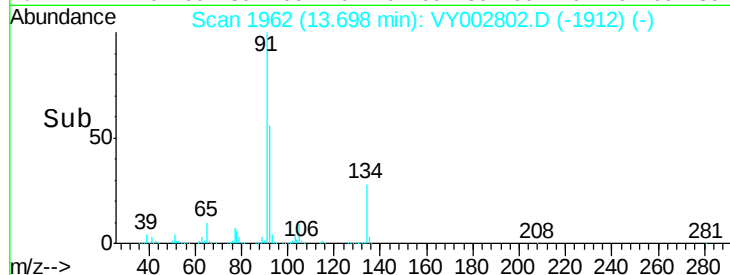
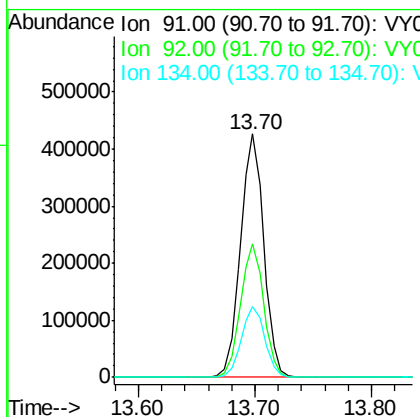
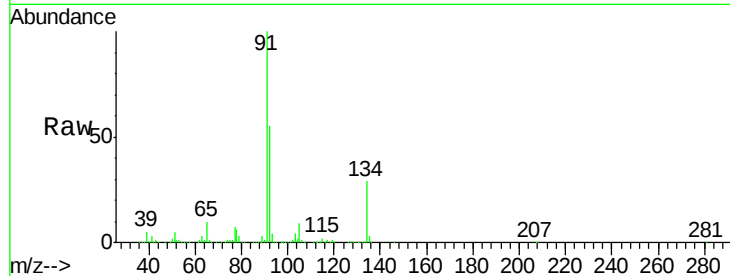




#89
n-Butylbenzene
Concen: 49.071 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

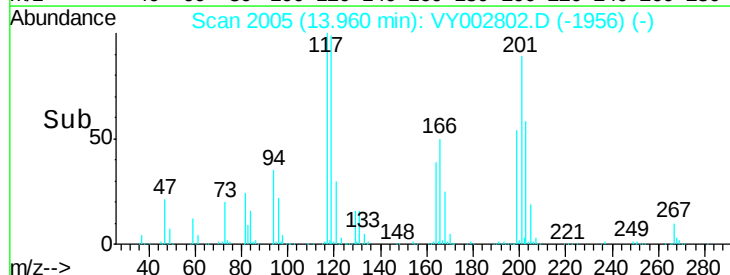
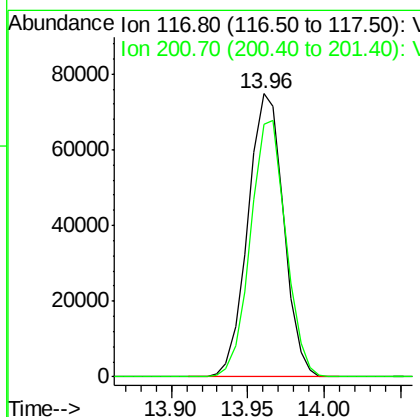
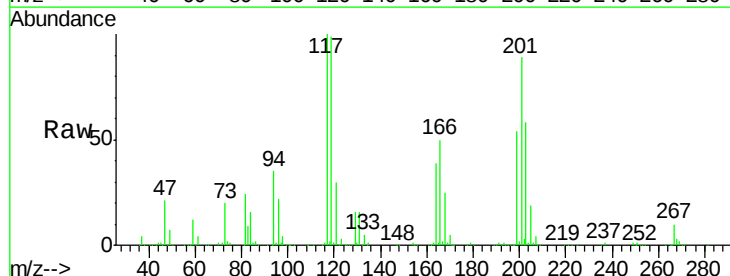
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 594291
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.2
134 29.3 14.3 42.9



#90
Hexachloroethane
Concen: 48.737 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion: 117 Resp: 121711
Ion Ratio Lower Upper
117 100
201 89.6 43.9 131.6

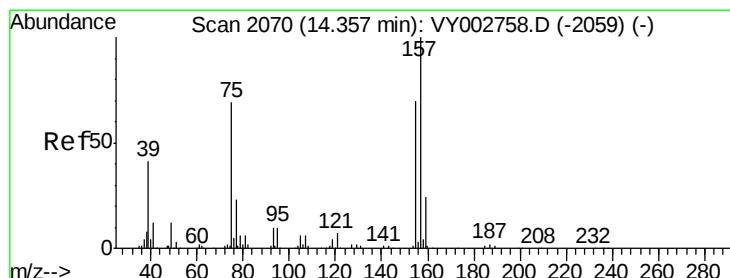
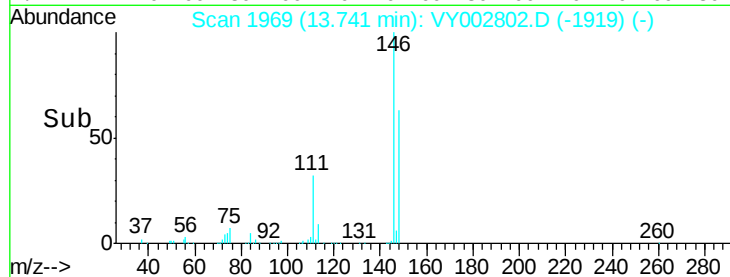
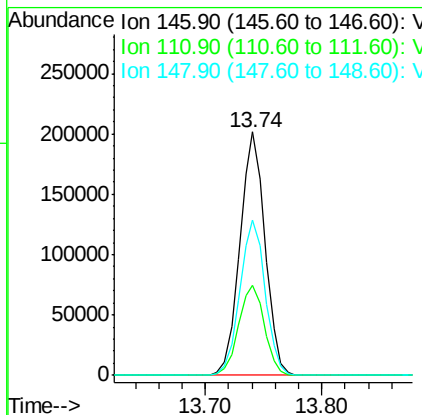
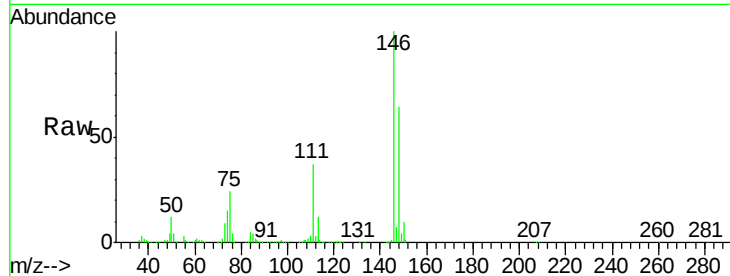




#91
 1,2-Dichlorobenzene
 Concen: 48.048 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

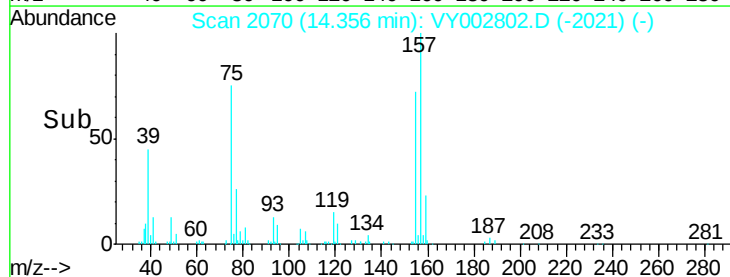
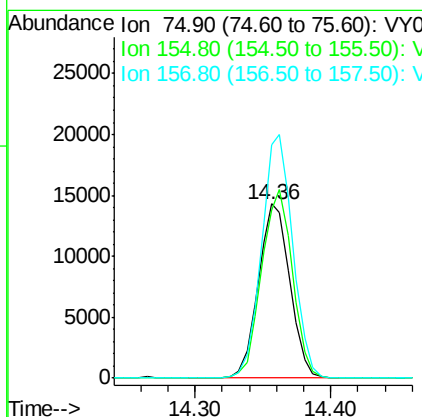
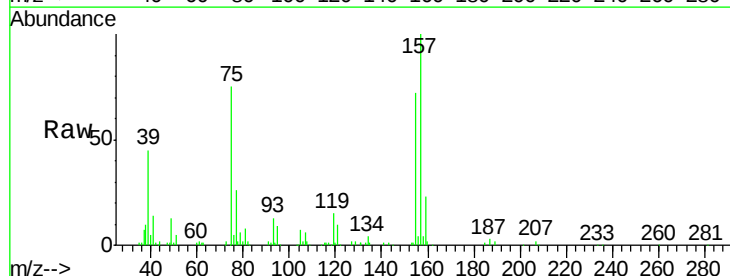
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

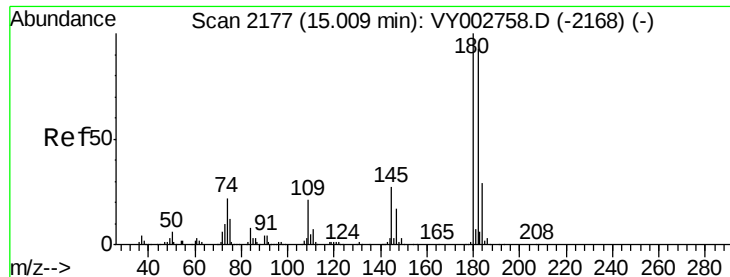
Tot Ion:146 Resp: 302552
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.832 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion: 75 Resp: 23205
 Ion Ratio Lower Upper
 75 100
 155 106.2 53.5 160.5
 157 138.0 69.9 209.7

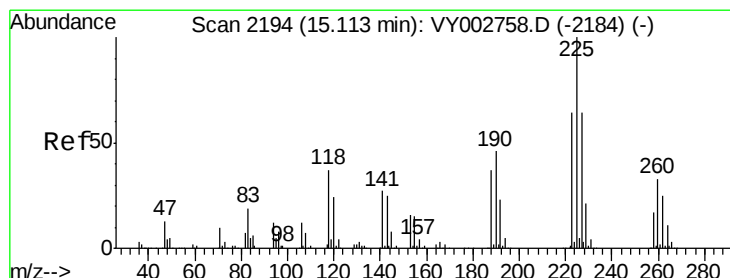
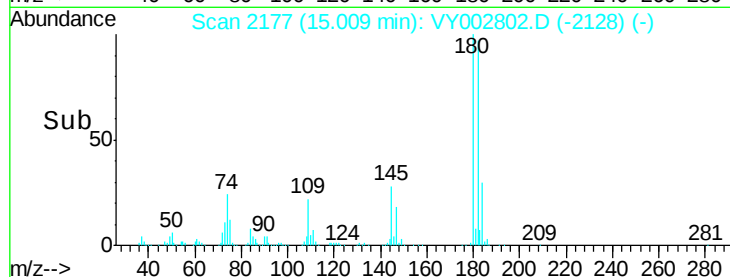
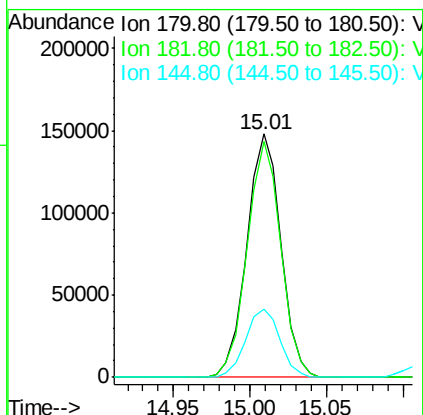
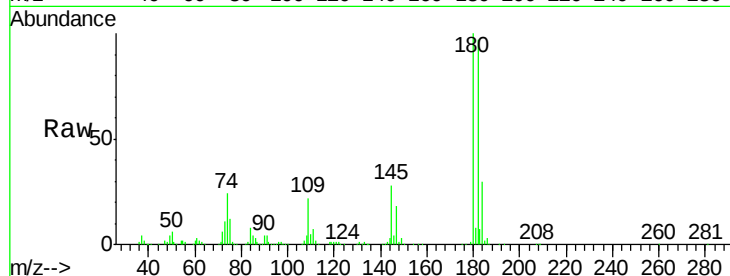




#93
 1,2,4-Trichlorobenzene
 Concen: 48.173 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

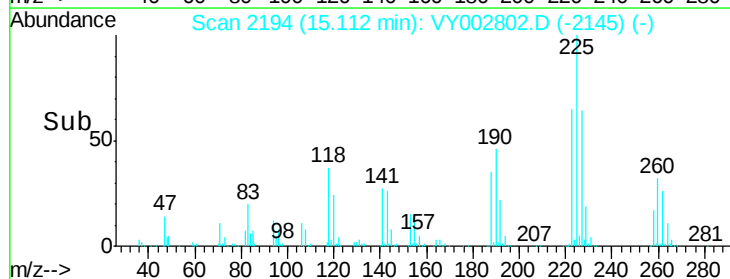
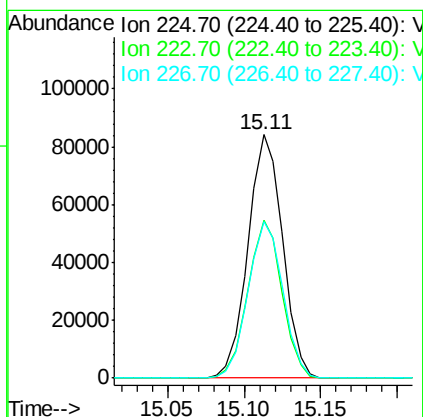
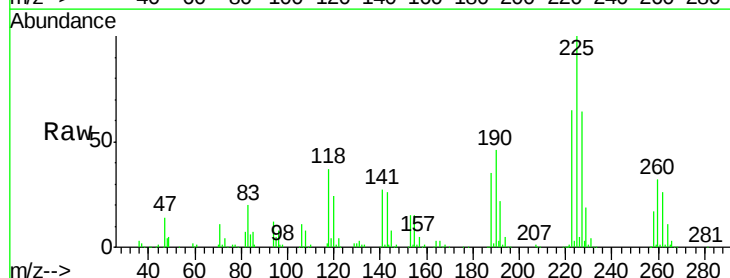
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

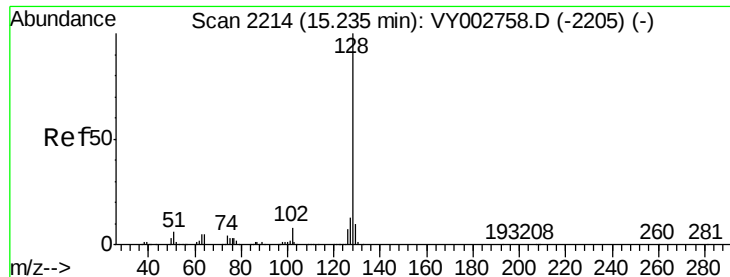
Tot Ion:180 Resp: 228644
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 141.9
 145 28.3 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 49.182 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002802.D
 Acq: 01 Jun 2020 11:39

Tgt Ion:225 Resp: 132399
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.6 95.0
 227 64.8 32.3 96.9

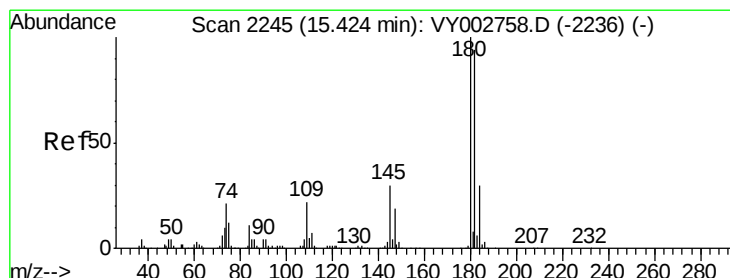
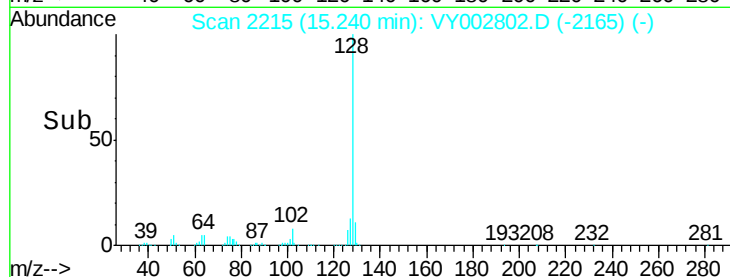
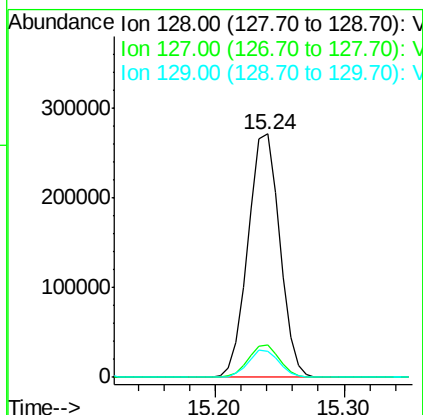
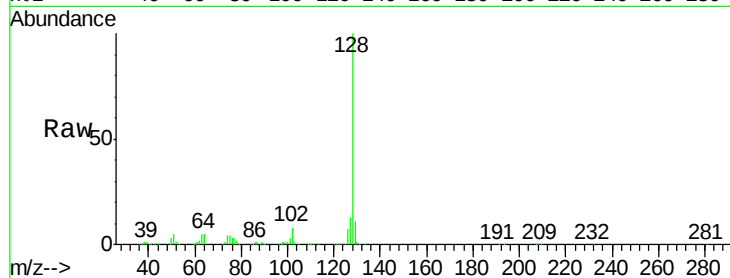




#95
Naphthalene
Concen: 48.334 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 459970
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.789 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002802.D
Acq: 01 Jun 2020 11:39

Tgt Ion:180 Resp: 202548
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.4
145 30.2 15.1 45.3

