

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002913.D
 Acq On : 18 Jun 2020 11:15
 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 19 04:59:07 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	272511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	391311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	364007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	204767	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	112141	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	7.72	113	116563	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.18	98	446621	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.48	95	160841	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	80929	43.160	ug/l	99
3) Chloromethane	2.12	50	94248	45.442	ug/l	98
4) Vinyl Chloride	2.26	62	102375	46.700	ug/l	98
5) Bromomethane	2.65	94	73065	44.475	ug/l	95
6) Chloroethane	2.80	64	63430	44.634	ug/l	97
7) Trichlorofluoromethane	3.13	101	181094	46.643	ug/l	99
8) Diethyl Ether	3.54	74	64640	42.638	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	110012	47.723	ug/l	96
10) Methyl Iodide	4.10	142	149095	46.222	ug/l	99
11) Tert butyl alcohol	4.97	59	61272	240.444	ug/l	98
12) 1,1-Dichloroethene	3.88	96	107874	46.531	ug/l	99
13) Acrolein	3.74	56	53521	193.017	ug/l	98
14) Allyl chloride	4.49	41	153672	46.218	ug/l	98
15) Acrylonitrile	5.18	53	162634	237.792	ug/l	100
16) Acetone	3.96	43	167614	302.098	ug/l	98
17) Carbon Disulfide	4.20	76	280541	40.046	ug/l	99
18) Methyl Acetate	4.49	43	67249	48.270	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	303743	47.459	ug/l	99
20) Methylene Chloride	4.72	84	136502	50.343	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	119147	45.700	ug/l	98
22) Diisopropyl ether	6.13	45	322686	46.702	ug/l	94
23) Vinyl Acetate	6.07	43	1078465	236.412	ug/l	99
24) 1,1-Dichloroethane	6.02	63	191298	47.329	ug/l	99
25) 2-Butanone	6.99	43	213866	247.407	ug/l	98
26) 2,2-Dichloropropane	6.99	77	186189	48.031	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	136671	46.827	ug/l	99
28) Bromochloromethane	7.34	49	74140	44.683	ug/l	99
29) Tetrahydrofuran	7.35	42	129206	229.790	ug/l	97
30) Chloroform	7.51	83	208179	48.538	ug/l	97
31) Cyclohexane	7.78	56	169391	42.210	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	195898	49.015	ug/l	100
36) 1,1-Dichloropropene	7.92	75	156205	47.388	ug/l	99
37) Ethyl Acetate	7.08	43	85702	47.786	ug/l	99
38) Carbon Tetrachloride	7.91	117	183091	49.999	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	198593	45.708	ug/l	99
40) Benzene	8.16	78	468779	48.130	ug/l	100
41) Methacrylonitrile	7.35	41	118874	123.380	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	133813	49.022	ug/l	99
43) Isopropyl Acetate	8.28	43	162497	47.813	ug/l	99
44) Trichloroethene	8.94	130	147451	47.927	ug/l	96
45) 1,2-Dichloropropane	9.22	63	113050	48.400	ug/l	97
46) Dibromomethane	9.31	93	67581	48.719	ug/l	100
47) Bromodichloromethane	9.50	83	165350	50.563	ug/l	99
48) Methyl methacrylate	9.30	41	73507	47.912	ug/l	98
49) 1,4-Dioxane	9.31	88	20306	953.358	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	440924	245.007	ug/l	100
52) Toluene	10.24	92	309721	48.609	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	178086	49.858	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	198815	49.122	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	103903	48.925	ug/l	96
56) Ethyl methacrylate	10.51	69	141525	49.754	ug/l	98
57) 1,3-Dichloropropane	10.79	76	172079	49.264	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	345339	248.462	ug/l	98
59) 2-Hexanone	10.83	43	325722	255.091	ug/l	100
60) Dibromochloromethane	10.99	129	136124	50.557	ug/l	99
61) 1,2-Dibromoethane	11.09	107	102312	48.838	ug/l	99
64) Tetrachloroethene	10.72	164	154259	46.628	ug/l	99
65) Chlorobenzene	11.52	112	353395	49.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	138137	50.980	ug/l	99
67) Ethyl Benzene	11.60	91	619135	49.639	ug/l	99
68) m/p-Xylenes	11.70	106	478816	99.013	ug/l	100
69) o-Xylene	12.03	106	230207	50.426	ug/l	99
70) Styrene	12.05	104	399535	50.484	ug/l	100
71) Bromoform	12.20	173	94358	52.043	ug/l	100
73) Isopropylbenzene	12.33	105	629829	47.997	ug/l	99
74) N-amyl acetate	12.14	43	159499	47.372	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	115541	50.183	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	165467	89.680	ug/l #	100
77) Bromobenzene	12.61	156	164157	48.043	ug/l	98
78) n-propylbenzene	12.67	91	733751	48.407	ug/l	100
79) 2-Chlorotoluene	12.75	91	406177	47.770	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	534733	48.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	47965	48.977	ug/l #	73
82) 4-Chlorotoluene	12.85	91	428736	48.127	ug/l	100
83) tert-Butylbenzene	13.08	119	479090	49.020	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	536372	48.686	ug/l	100
85) sec-Butylbenzene	13.25	105	651751	48.772	ug/l	100
86) p-Isopropyltoluene	13.37	119	621175	49.956	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	312887	48.343	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	312209	48.222	ug/l	99
89) n-Butylbenzene	13.70	91	555196	49.180	ug/l	99
90) Hexachloroethane	13.96	117	116151	49.896	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	284618	48.490	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21909	49.460	ug/l	96

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

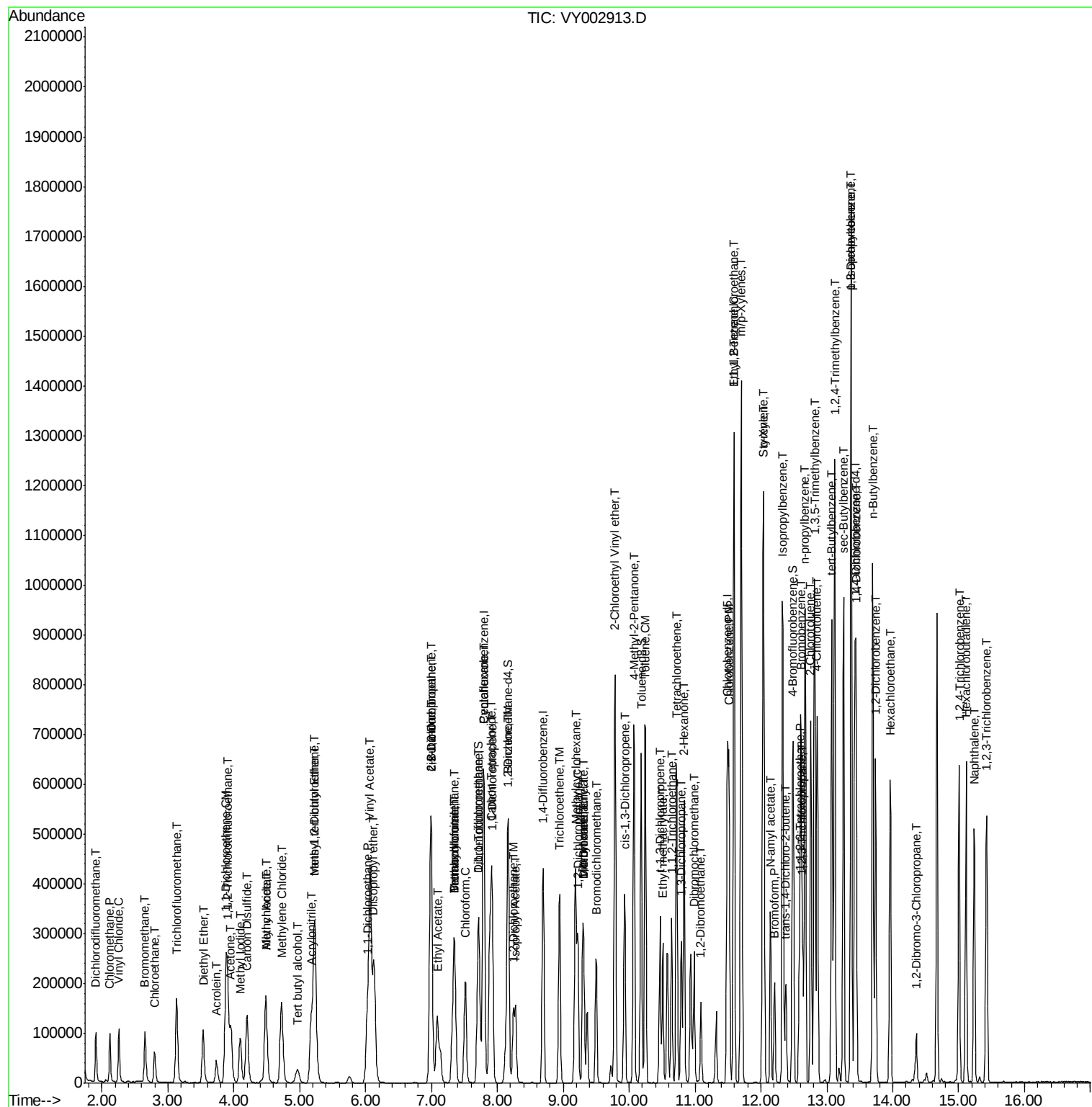
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	217871	49.245	ug/l	100
94) Hexachlorobutadiene	15.11	225	128321	51.137	ug/l	99
95) Naphthalene	15.23	128	432112	48.712	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	194238	49.164	ug/l	99

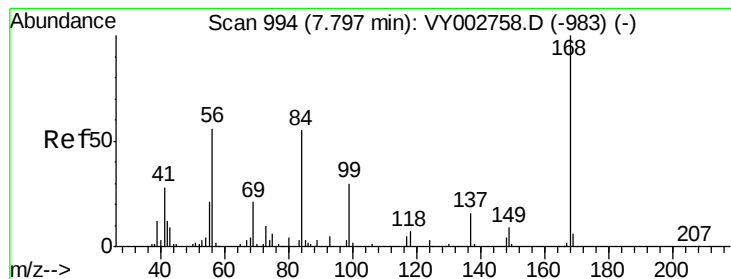
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

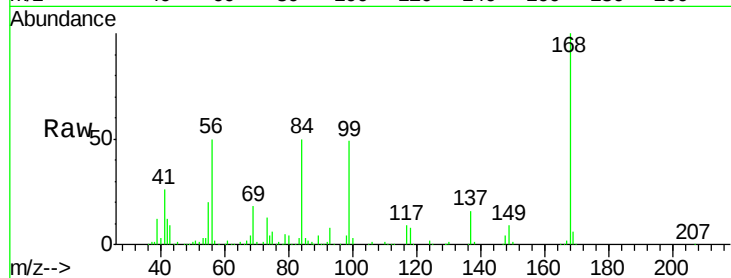
VSTDCCC050

Tot Ion:168 Resp: 272511

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.4



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

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

7.80

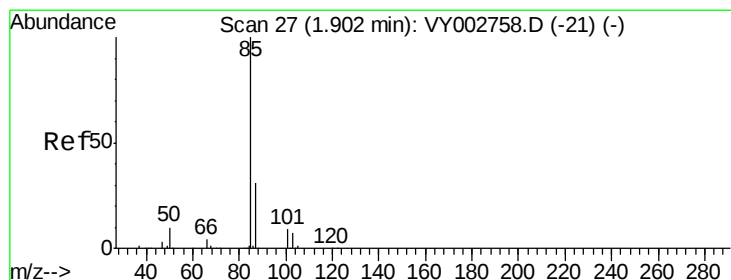
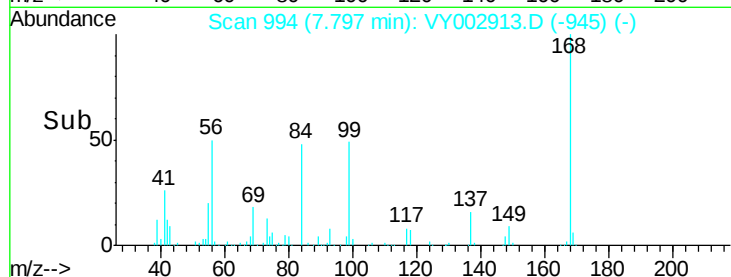
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.160 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002913.D

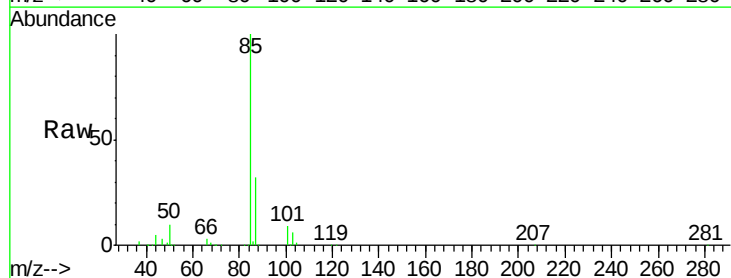
Acq: 18 Jun 2020 11:15

Tgt Ion: 85 Resp: 80929

Ion Ratio Lower Upper

85 100

87 31.6 15.5 46.5



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

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

1.91

60000

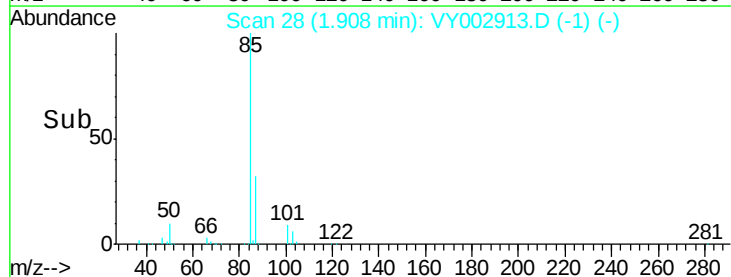
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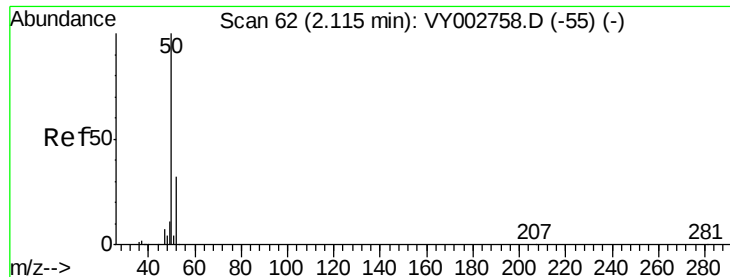
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.442 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

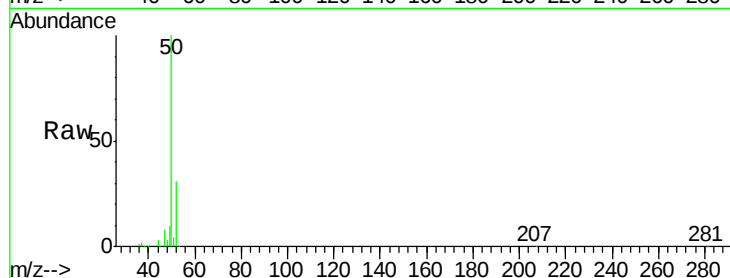
VSTDCCC050

Tot Ion: 50 Resp: 94248

Ion Ratio Lower Upper

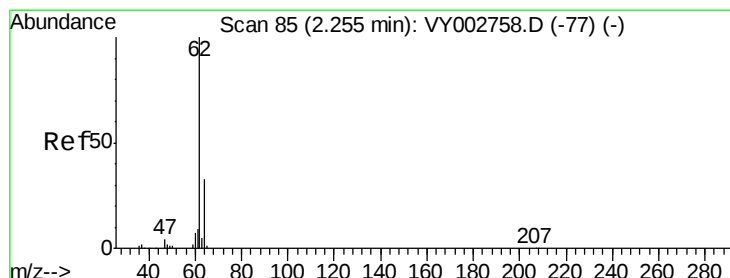
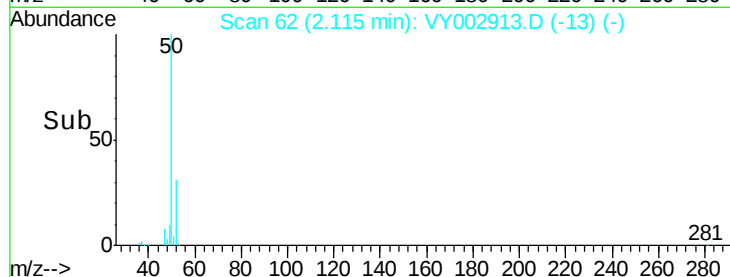
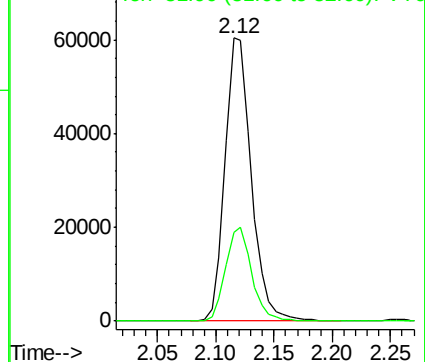
50 100

52 31.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.700 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002913.D

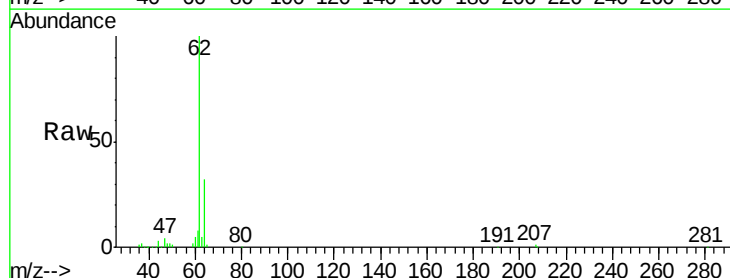
Acq: 18 Jun 2020 11:15

Tgt Ion: 62 Resp: 102375

Ion Ratio Lower Upper

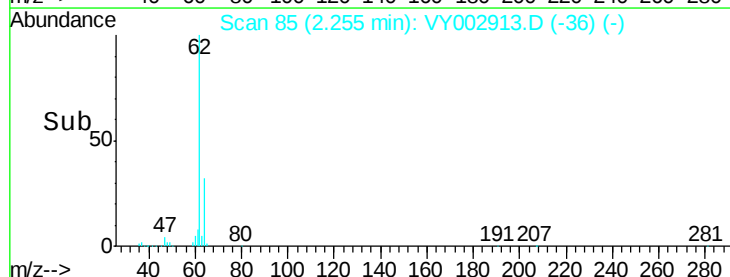
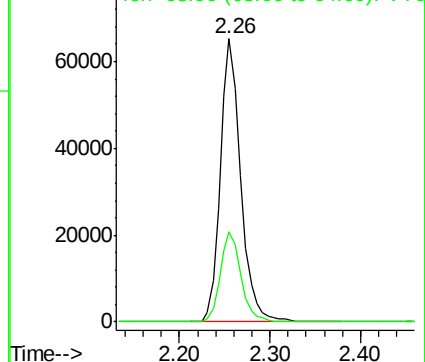
62 100

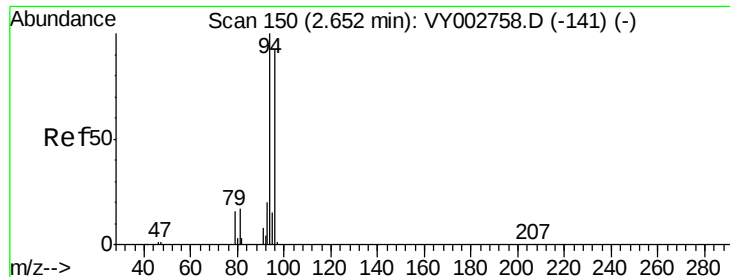
64 31.7 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 44.475 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

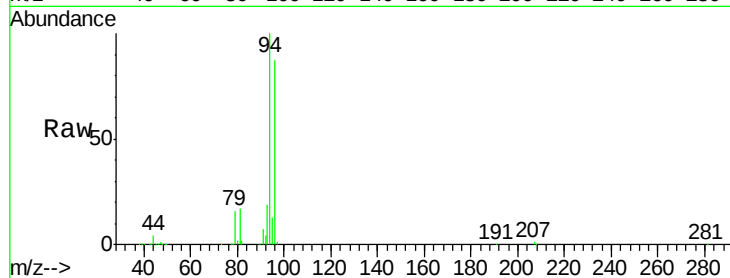
VSTDCCC050

Tot Ion: 94 Resp: 73065

Ion Ratio Lower Upper

94 100

96 87.1 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

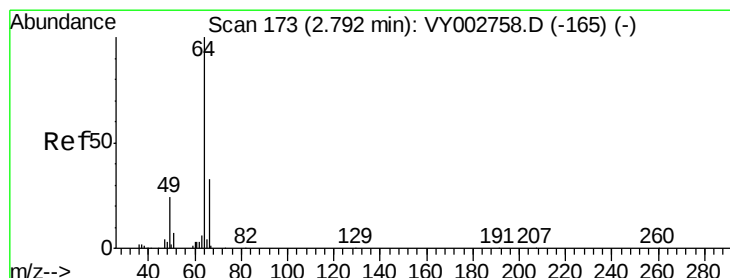
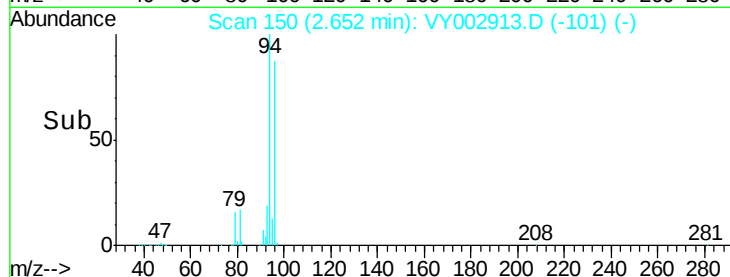
20000

10000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 44.634 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002913.D

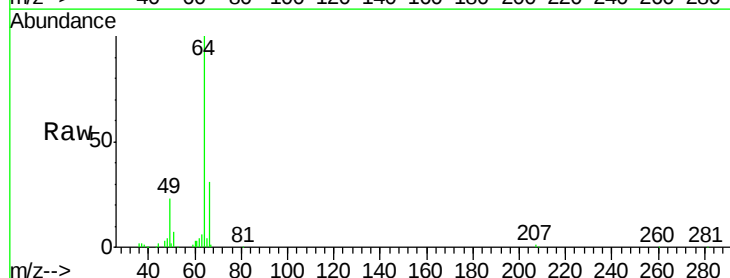
Acq: 18 Jun 2020 11:15

Tgt Ion: 64 Resp: 63430

Ion Ratio Lower Upper

64 100

66 31.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

30000

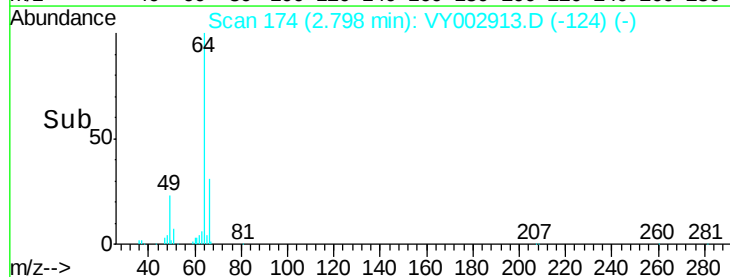
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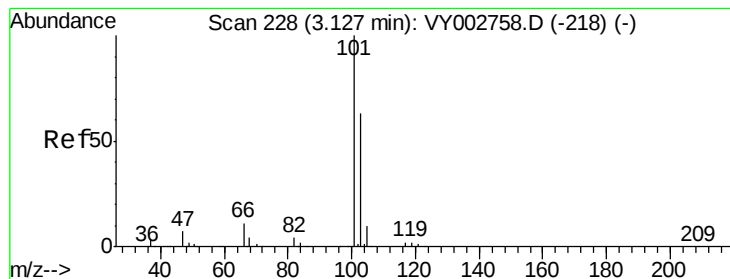
10000

0

Time-->

2.70 2.80 2.90



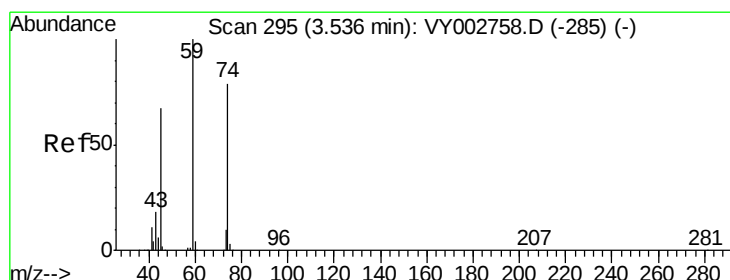
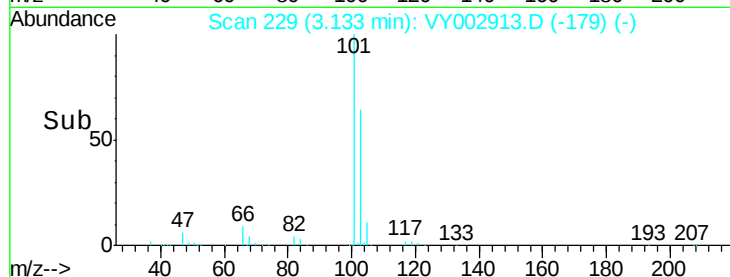
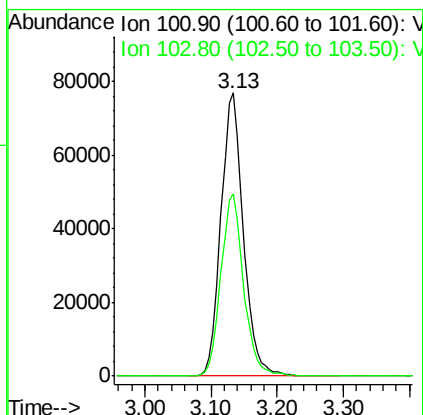
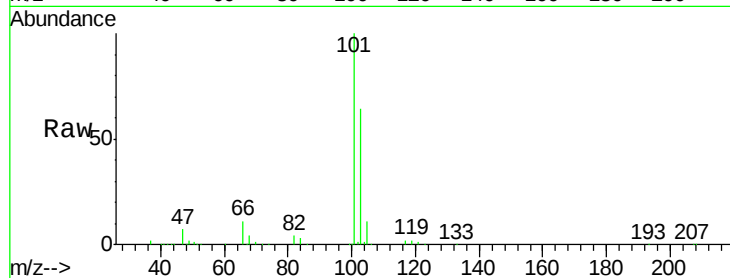


#7

Trichlorofluoromethane
Concen: 46.643 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

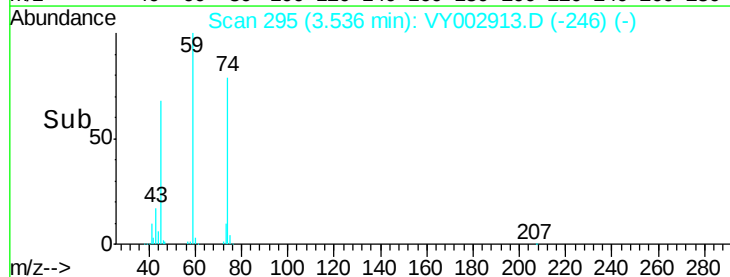
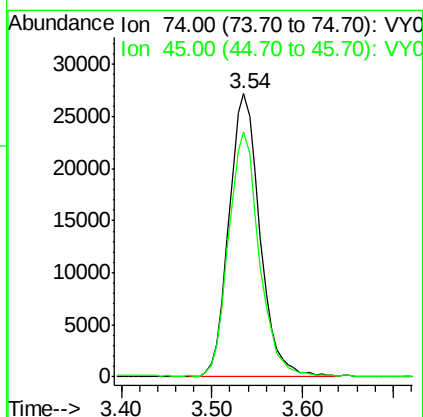
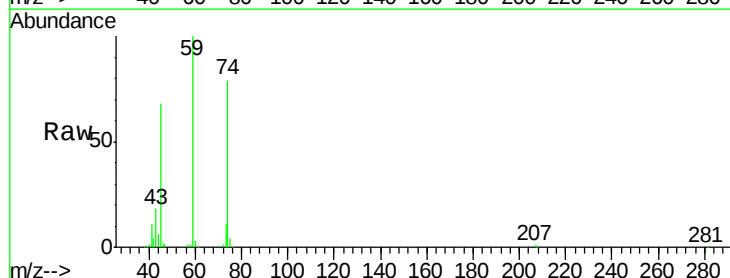
Tot Ion:101 Resp: 181094
Ion Ratio Lower Upper
101 100
103 64.4 50.6 76.0

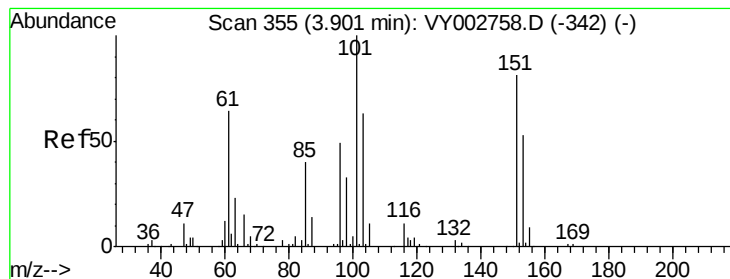


#8

Diethyl Ether
Concen: 42.638 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 74 Resp: 64640
Ion Ratio Lower Upper
74 100
45 85.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.723 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

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VSTDCCC050

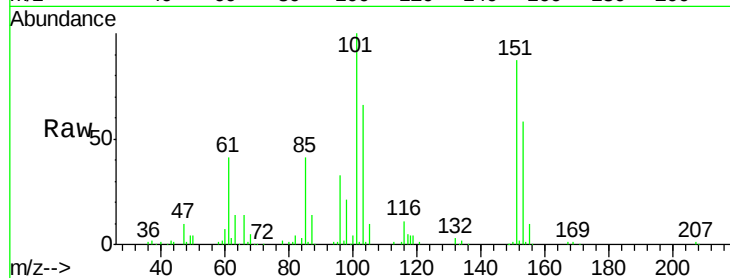
Tot Ion:101 Resp: 110012

Ion Ratio Lower Upper

101 100

85 41.6 32.7 49.1

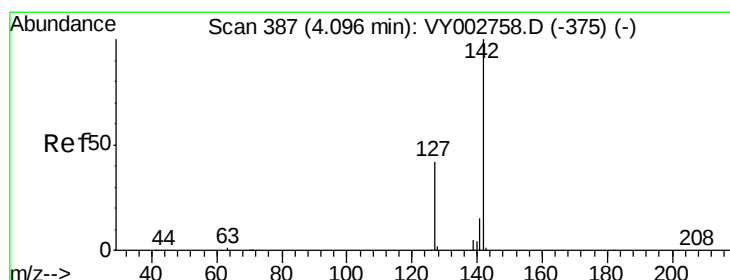
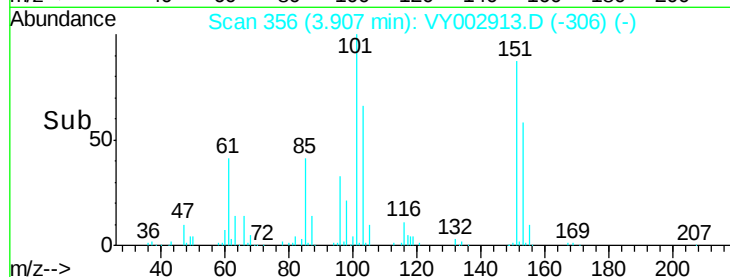
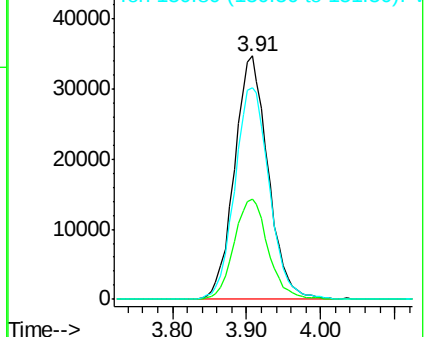
151 89.5 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.222 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

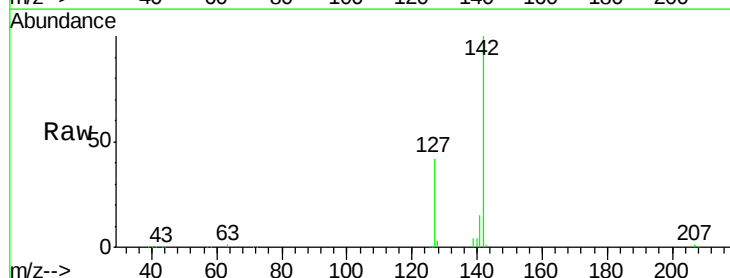
Tgt Ion:142 Resp: 149095

Ion Ratio Lower Upper

142 100

127 42.2 33.3 49.9

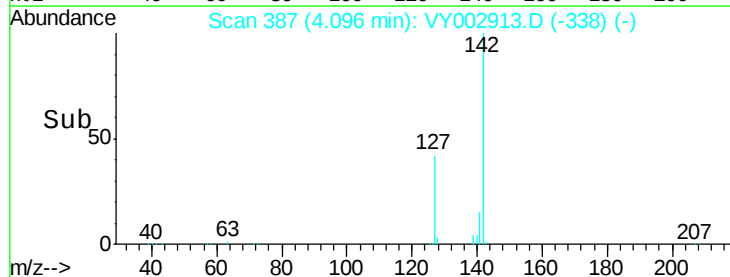
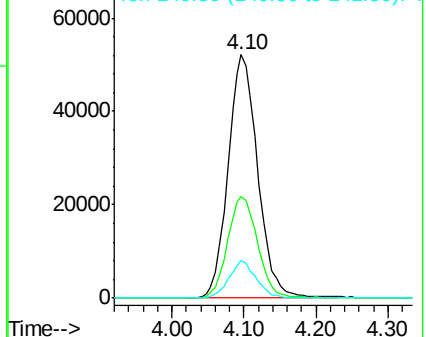
141 14.2 11.5 17.3

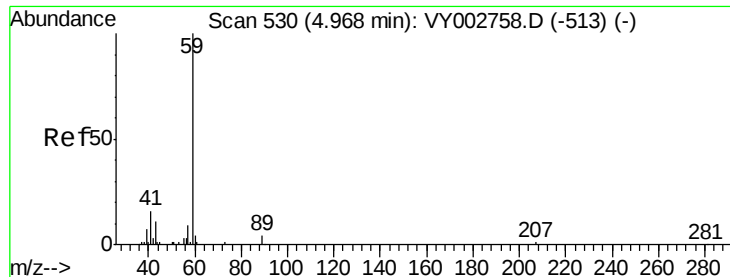


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



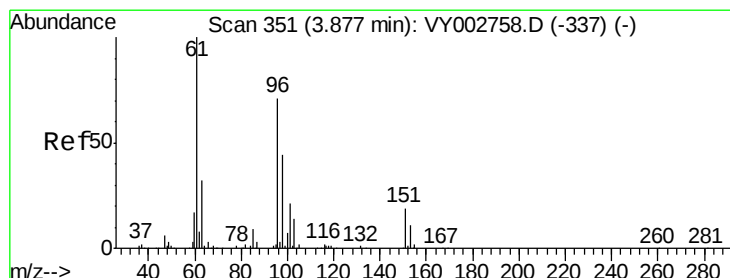
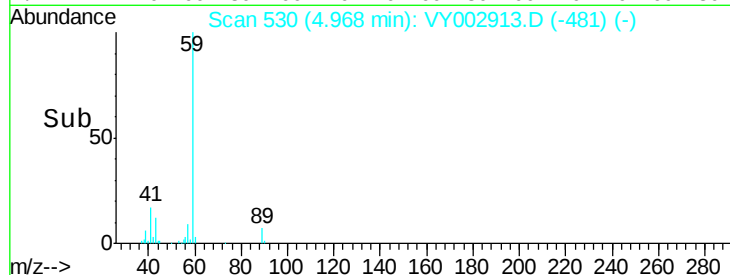
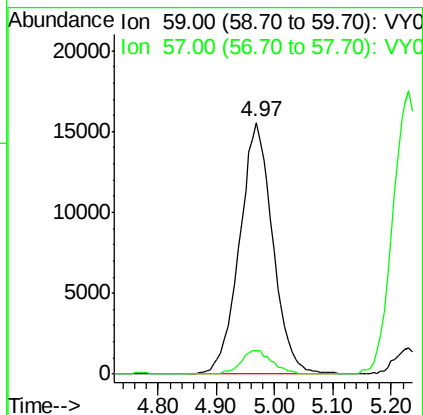
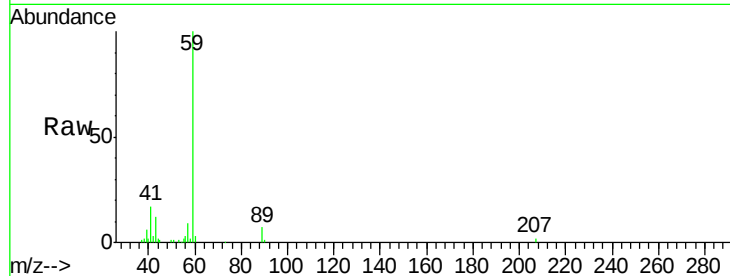


#11

Tert butyl alcohol
 Concen: 240.444 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

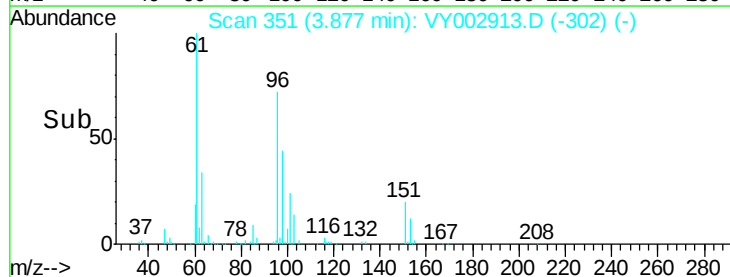
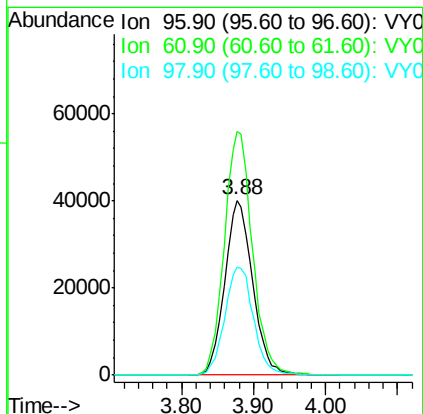
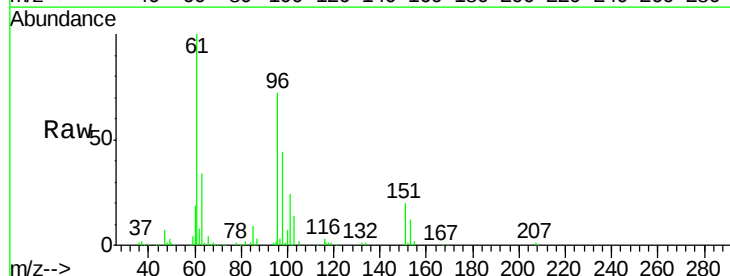
Tot Ion: 59 Resp: 61272
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.7 11.5

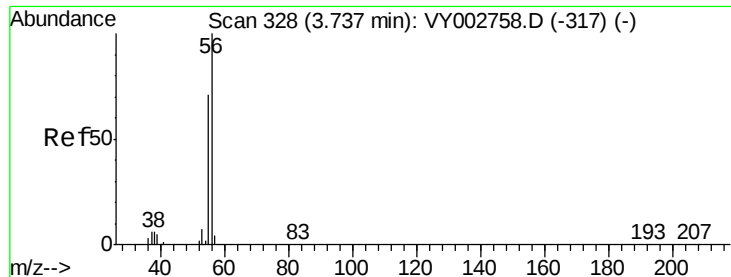


#12

1,1-Dichloroethene
 Concen: 46.531 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion: 96 Resp: 107874
 Ion Ratio Lower Upper
 96 100
 61 139.1 112.6 168.8
 98 61.4 50.0 75.0





#13

Acrolein

Concen: 193.017 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

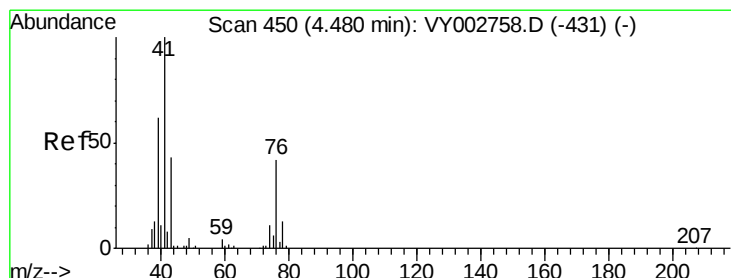
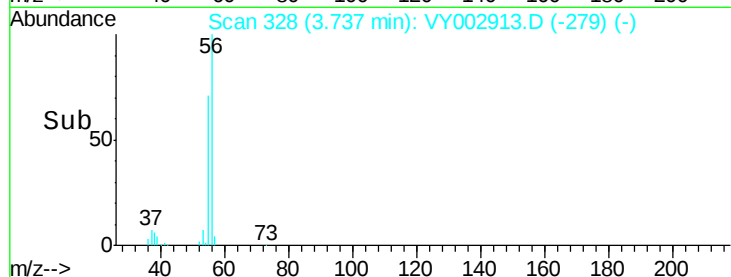
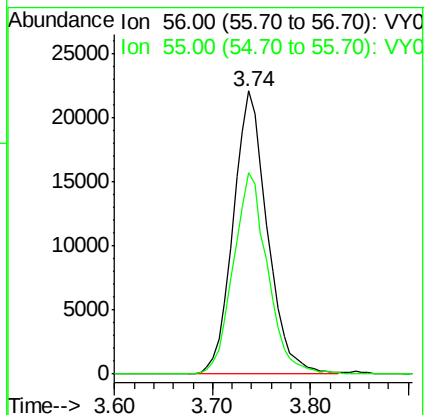
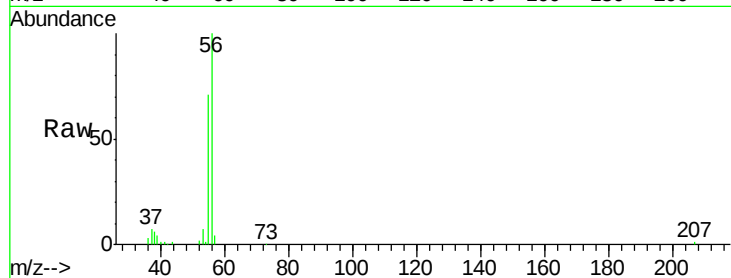
VSTDCCC050

Tot Ion: 56 Resp: 53521

Ion Ratio Lower Upper

56 100

55 71.5 56.0 84.0



#14

Allyl chloride

Concen: 46.218 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

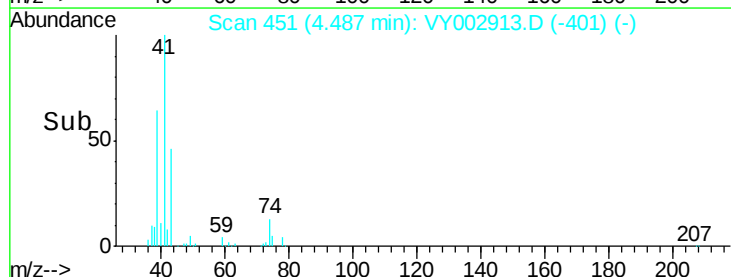
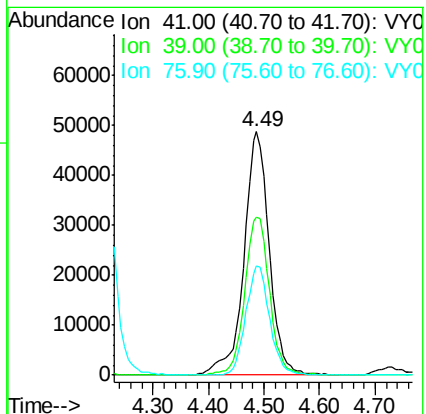
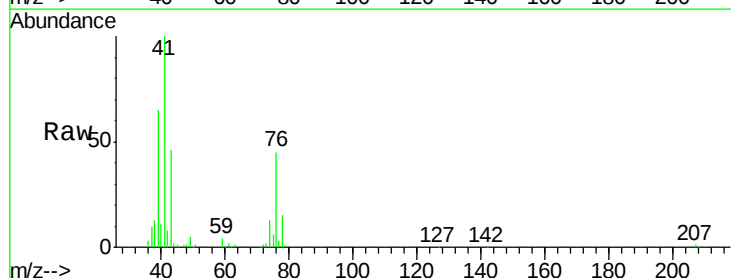
Tgt Ion: 41 Resp: 153672

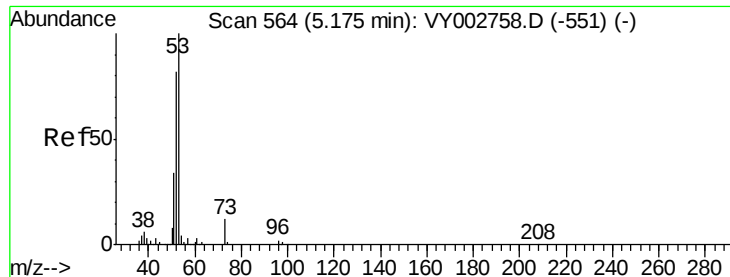
Ion Ratio Lower Upper

41 100

39 64.0 49.9 74.9

76 42.4 33.2 49.8





#15

Acrylonitrile

Concen: 237.792 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

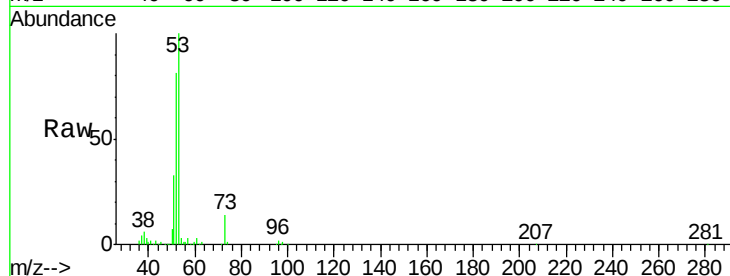
Tot Ion: 53 Resp: 162634

Ion Ratio Lower Upper

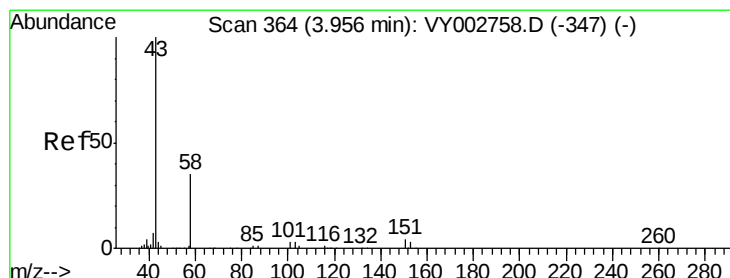
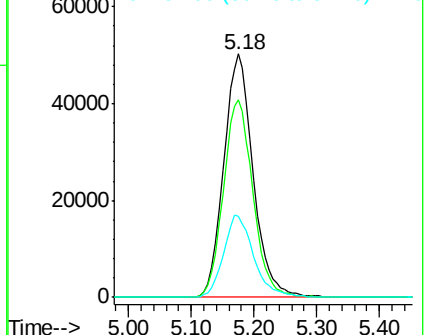
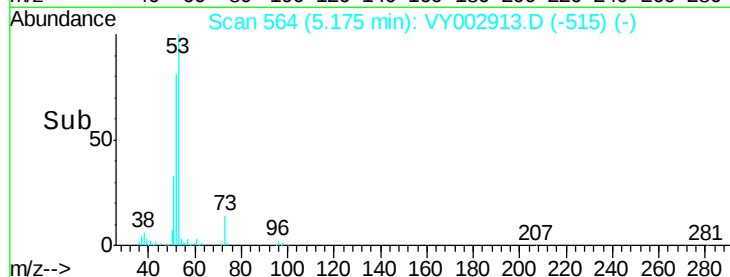
53 100

52 81.7 65.3 97.9

51 34.8 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002913.D (-515) (-)



#16

Acetone

Concen: 302.098 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002913.D

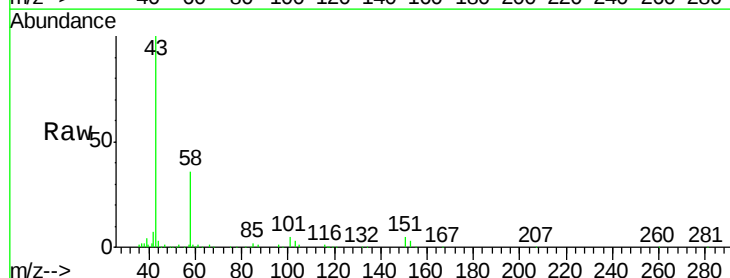
Acq: 18 Jun 2020 11:15

Tgt Ion: 43 Resp: 167614

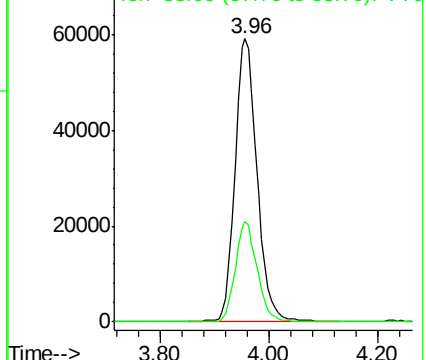
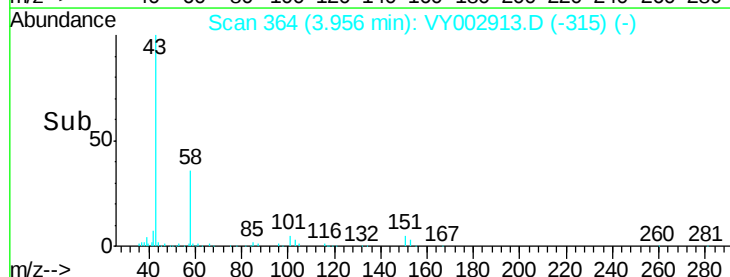
Ion Ratio Lower Upper

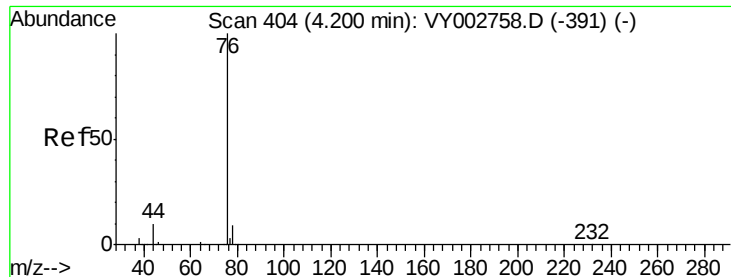
43 100

58 35.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002913.D (-315) (-)

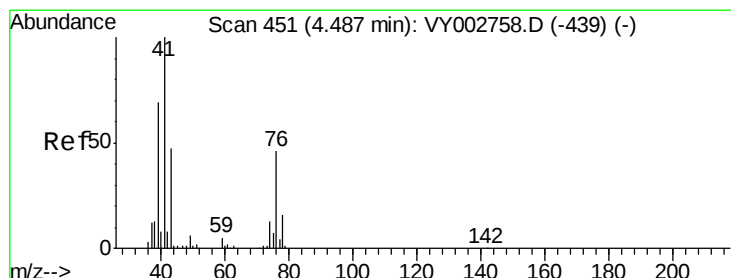
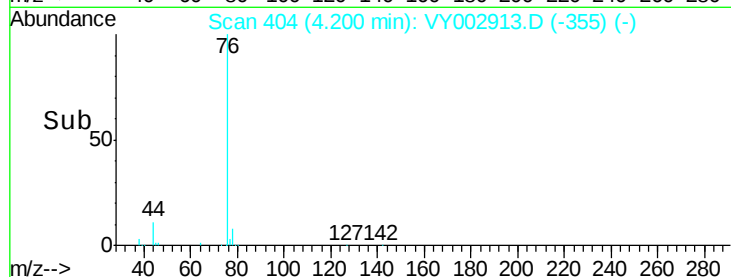
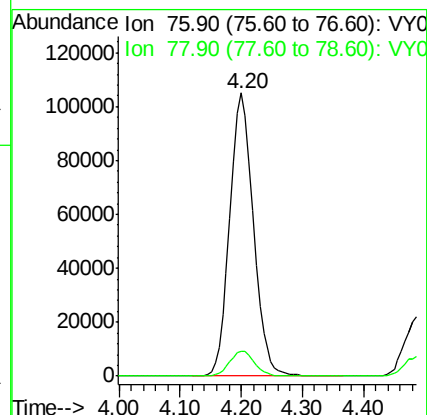
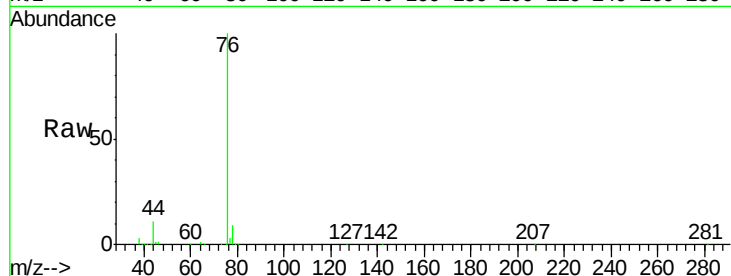




#17
Carbon Disulfide
Concen: 40.046 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

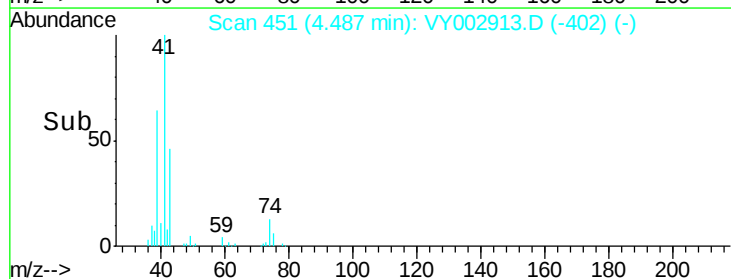
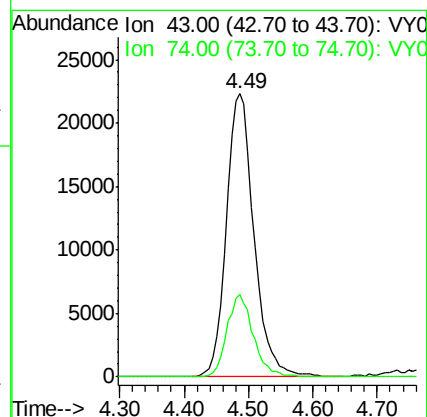
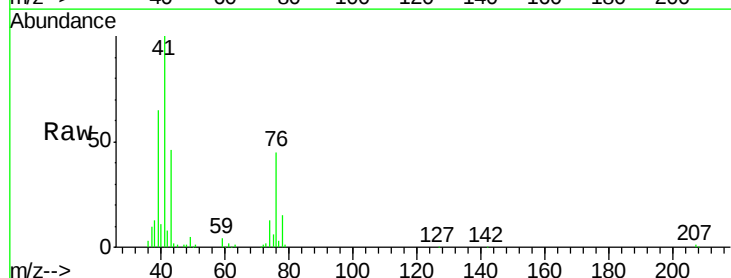
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

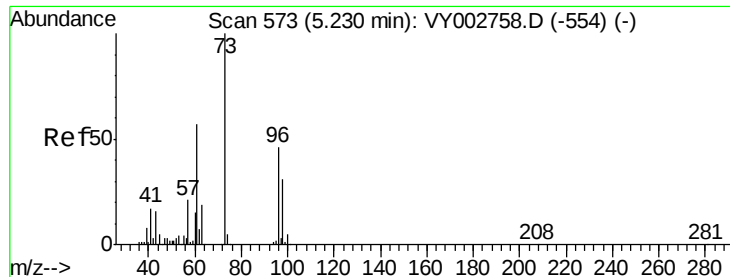
Tot Ion: 76 Resp: 280541
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 48.270 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 43 Resp: 67249
Ion Ratio Lower Upper
43 100
74 27.7 21.4 32.0

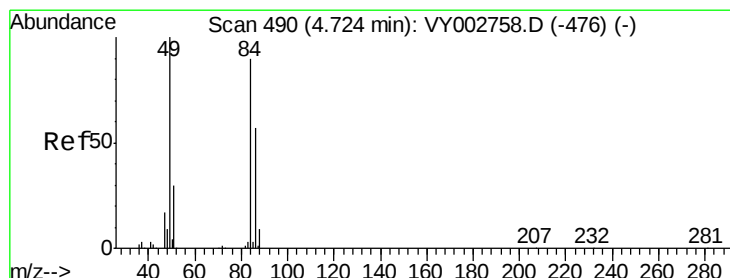
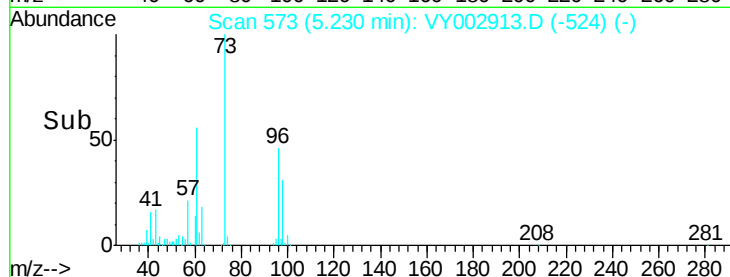
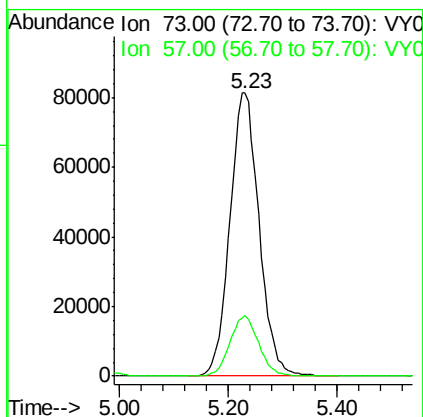
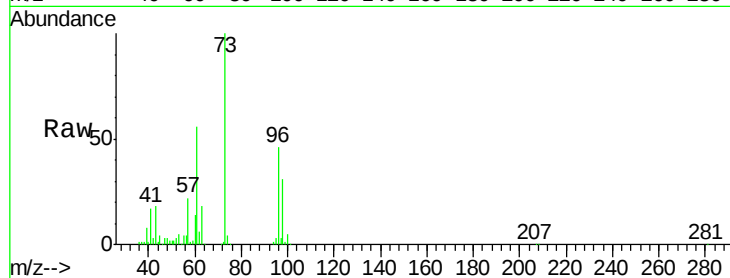




#19
Methvl tert-butvl Ether
Concen: 47.459 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

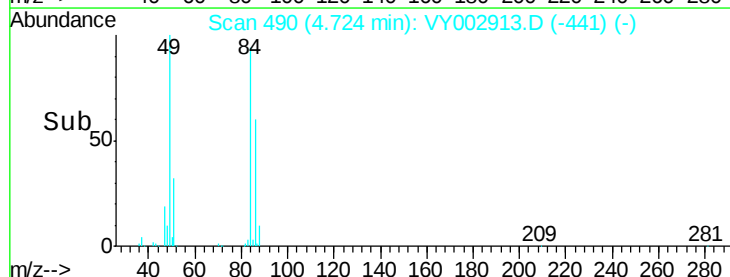
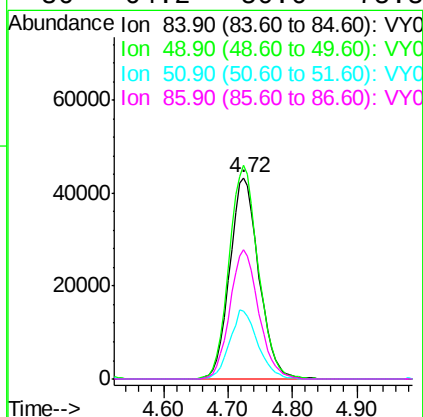
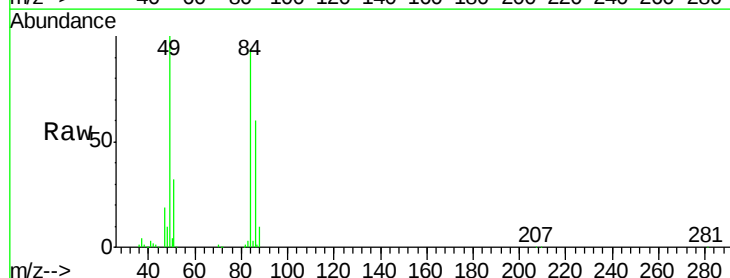
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

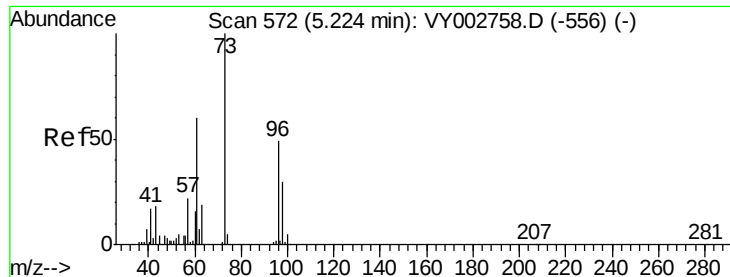
Tot Ion: 73 Resp: 303743
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4



#20
Methylene Chloride
Concen: 50.343 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 84 Resp: 136502
Ion Ratio Lower Upper
84 100
49 106.2 88.5 132.7
51 33.9 26.8 40.2
86 64.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 45.700 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

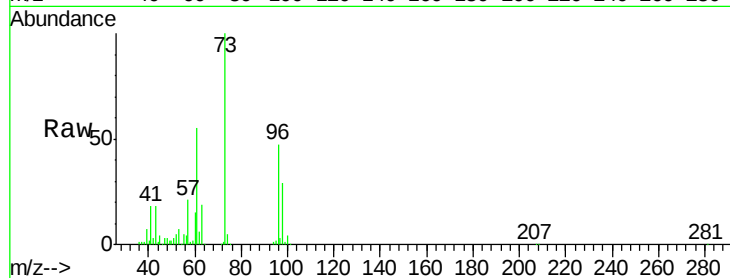
Tot Ion: 96 Resp: 119147

Ion Ratio Lower Upper

96 100

61 117.9 96.8 145.2

98 61.5 49.4 74.0

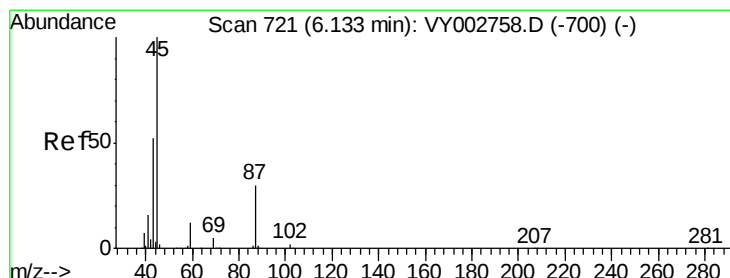
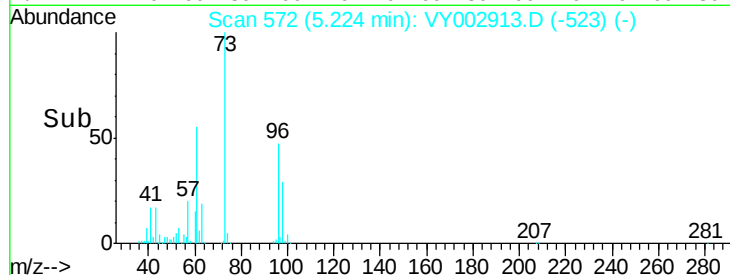
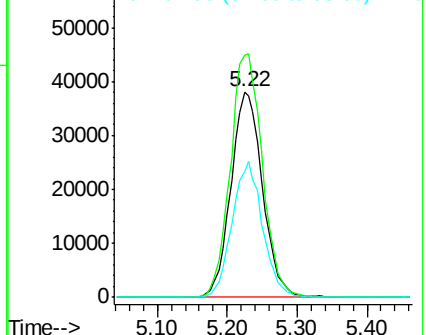


Abundance

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: 46.702 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion: 45 Resp: 322686

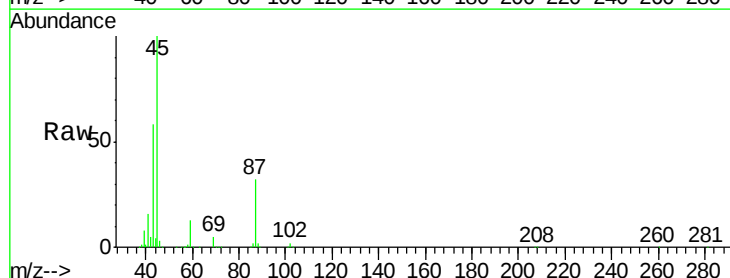
Ion Ratio Lower Upper

45 100

43 57.5 41.7 62.5

87 32.5 24.2 36.2

59 12.6 9.8 14.8



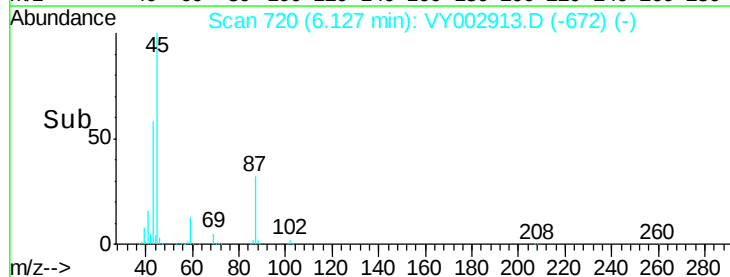
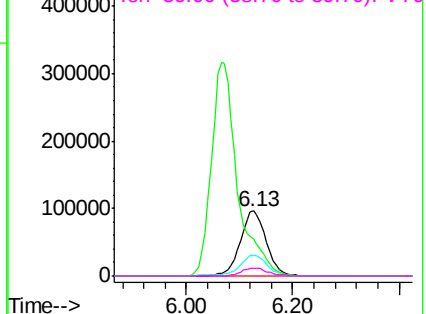
Abundance

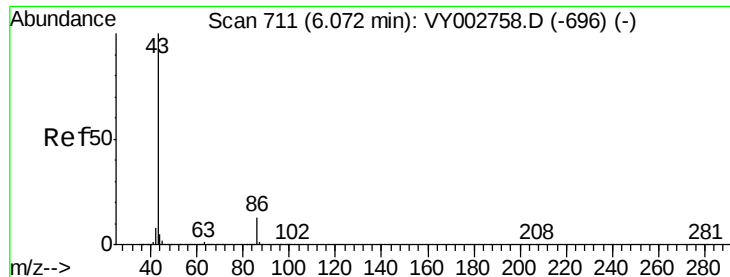
Ion 45.00 (44.70 to 45.70): VY0

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: 236.412 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

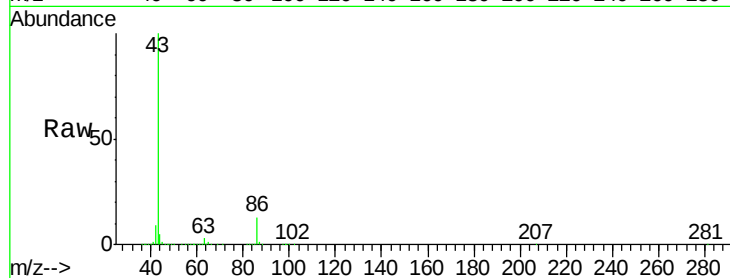
VSTDCCC050

Tot Ion: 43 Resp: 1078465

Ion Ratio Lower Upper

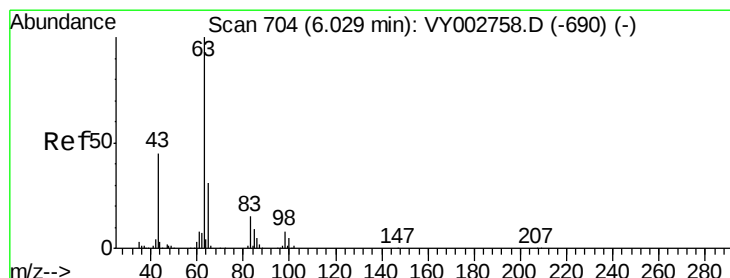
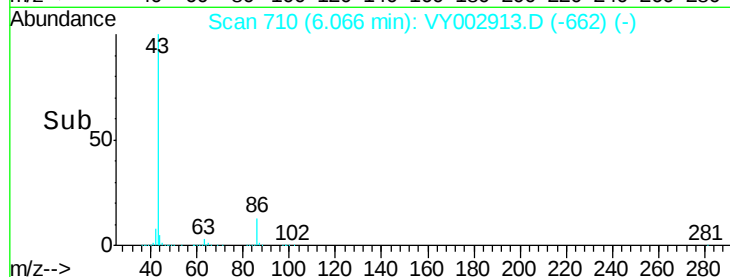
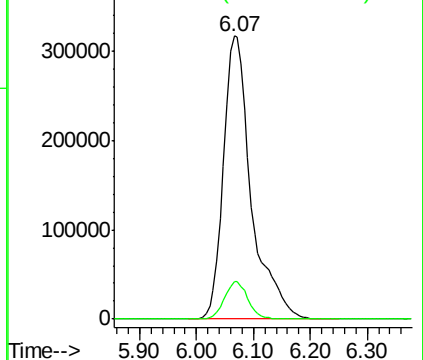
43 100

86 13.2 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: 47.329 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

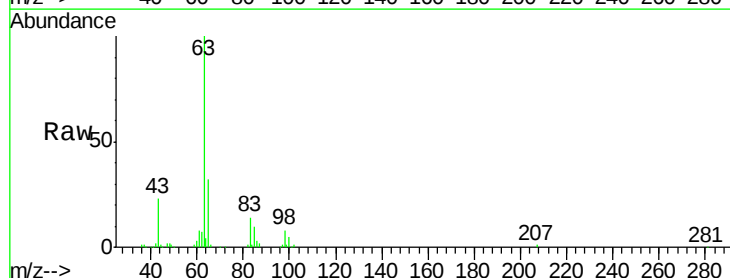
Tgt Ion: 63 Resp: 191298

Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.2

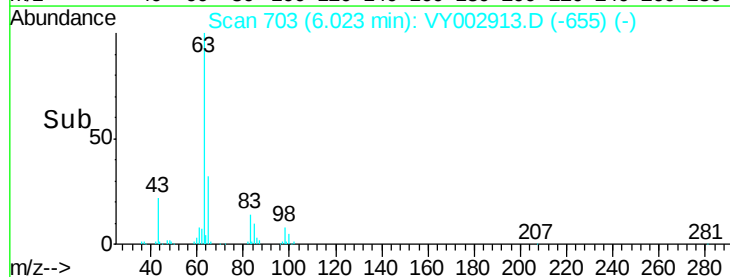
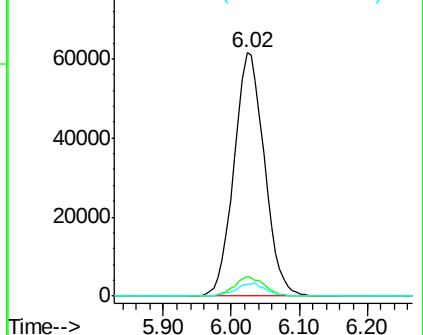
100 5.0 2.4 7.1

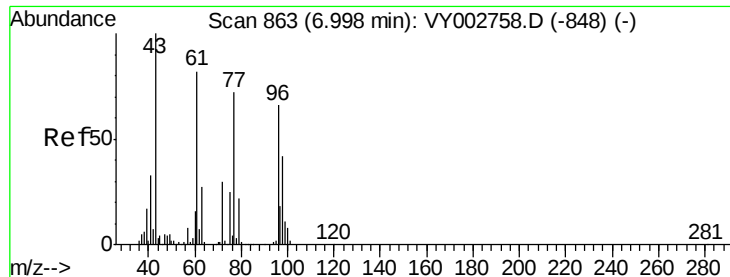


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 247.407 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

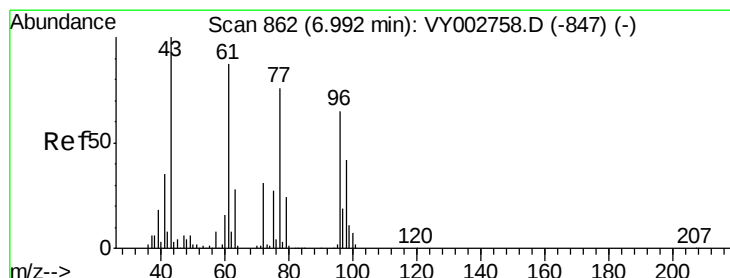
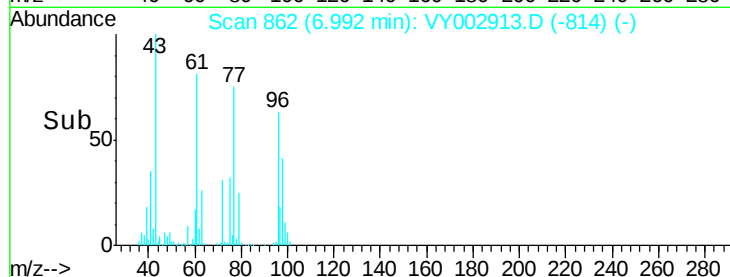
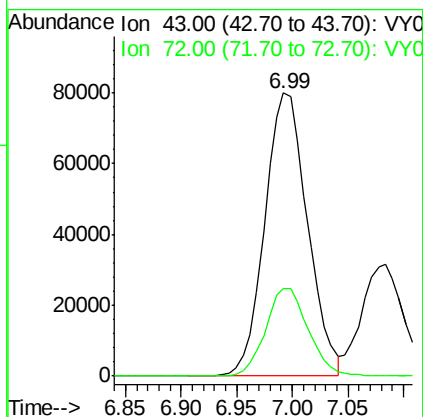
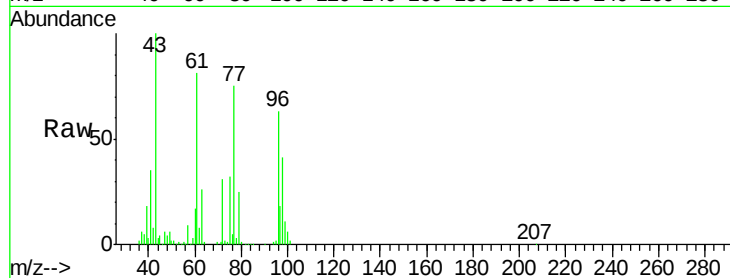
VSTDCCC050

Tot Ion: 43 Resp: 213866

Ion Ratio Lower Upper

43 100

72 31.0 23.9 35.9



#26

2,2-Dichloropropane

Concen: 48.031 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002913.D

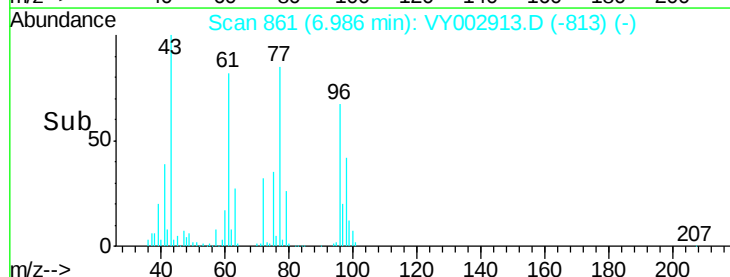
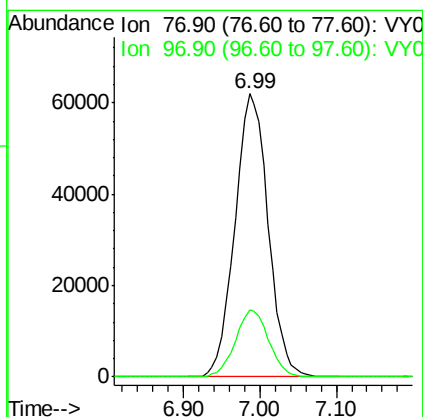
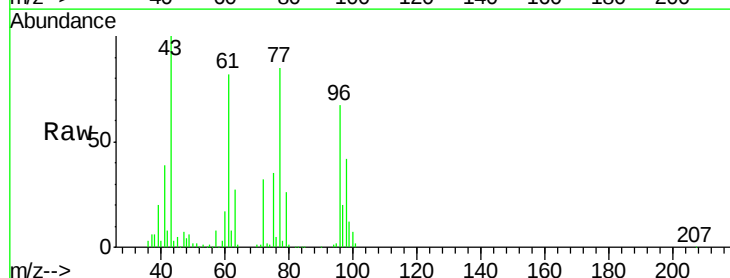
Acq: 18 Jun 2020 11:15

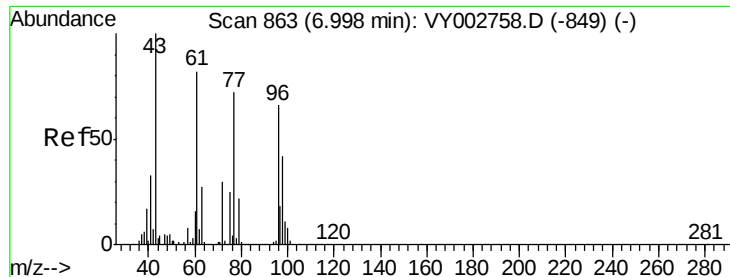
Tgt Ion: 77 Resp: 186189

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.6



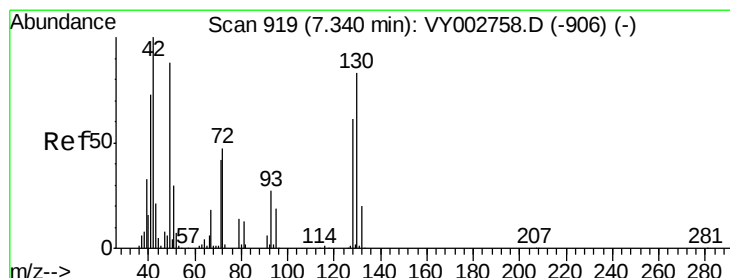
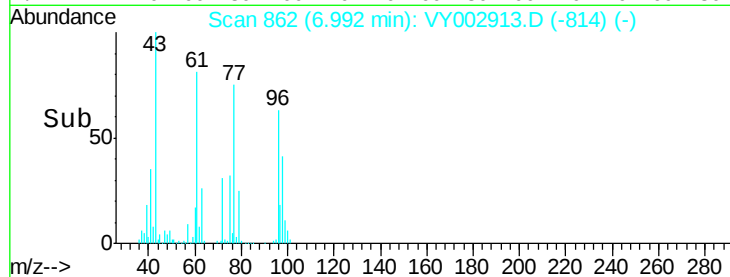
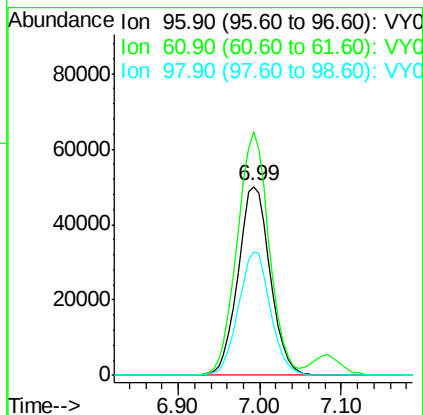
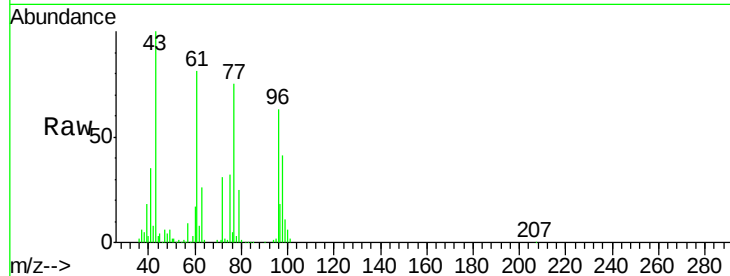


#27

cis-1,2-Dichloroethene
 Concen: 46.827 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

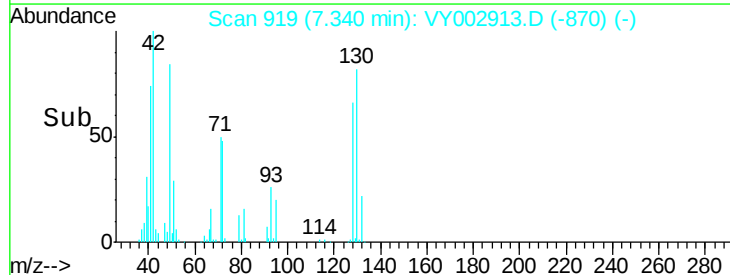
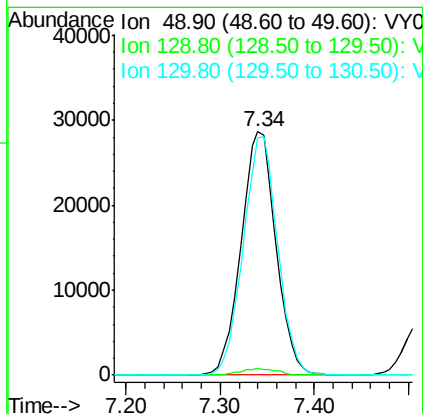
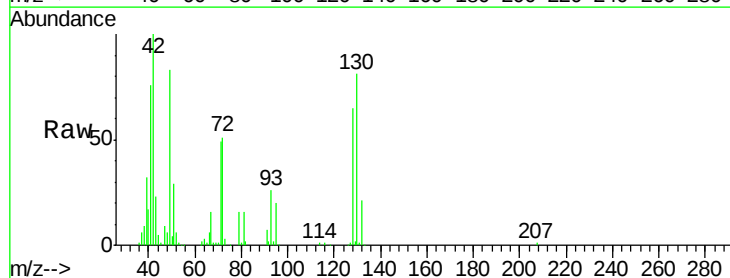
Tot Ion: 96 Resp: 136671
 Ion Ratio Lower Upper
 96 100
 61 128.4 0.0 260.2
 98 65.0 0.0 128.2

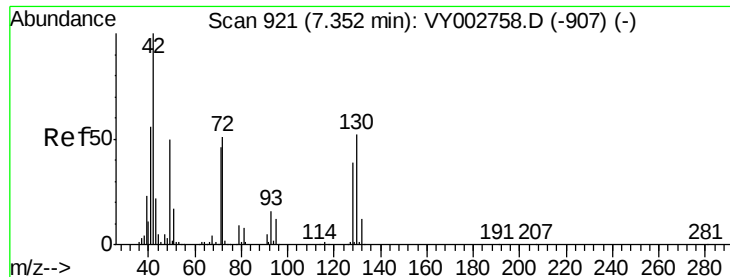


#28

Bromochloromethane
 Concen: 44.683 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion: 49 Resp: 74140
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.2
 130 97.2 77.1 115.7

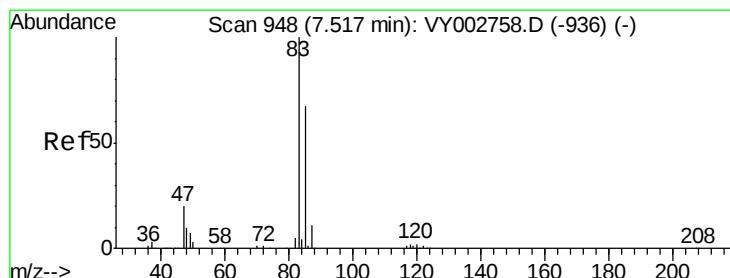
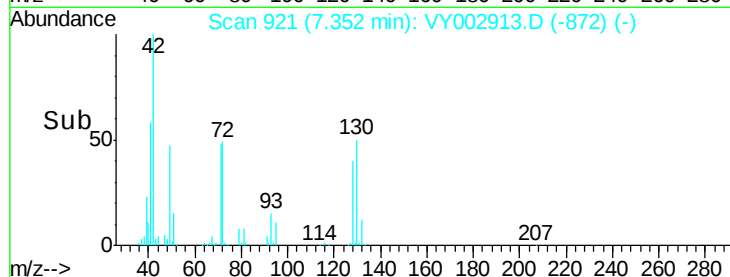
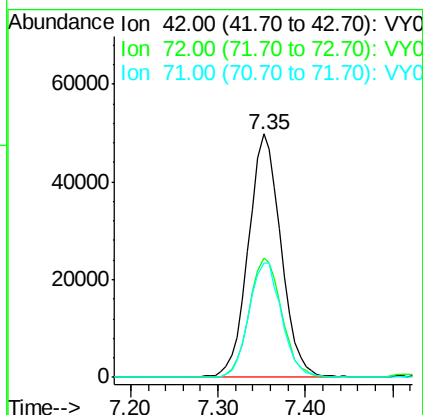
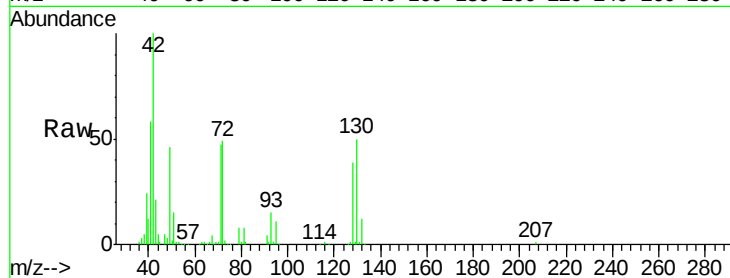




#29
Tetrahydrofuran
Concen: 229.790 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

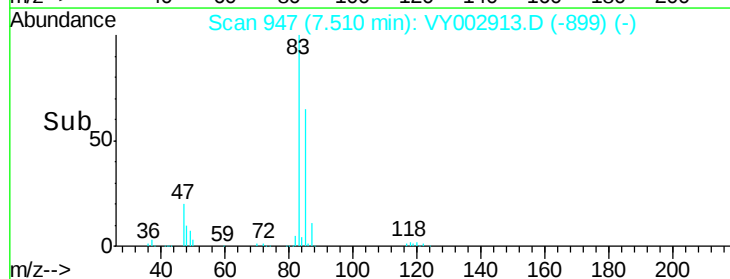
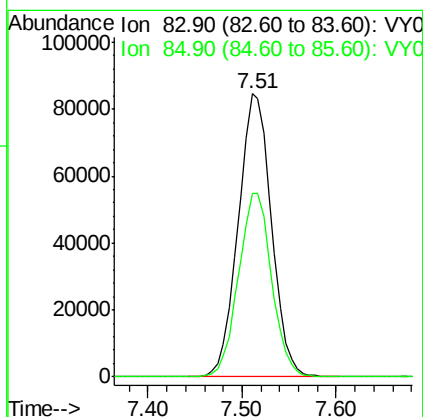
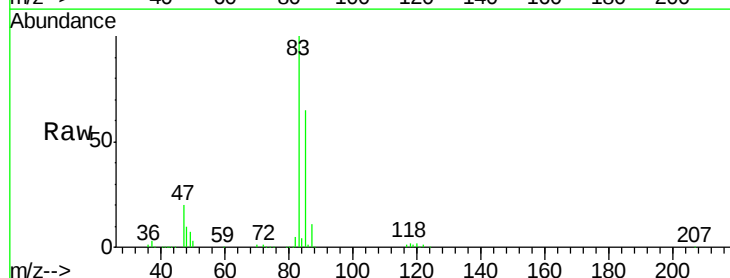
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

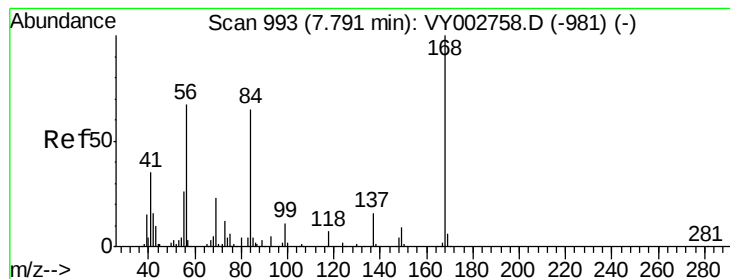
Tot Ion: 42 Resp: 129206
Ion Ratio Lower Upper
42 100
72 49.3 38.6 58.0
71 47.5 35.8 53.8



#30
Chloroform
Concen: 48.538 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 83 Resp: 208179
Ion Ratio Lower Upper
83 100
85 64.8 53.8 80.8





#31

Cyclohexane

Concen: 42.210 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

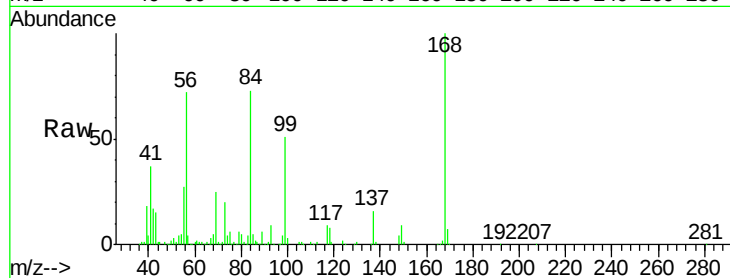
Tot Ion: 56 Resp: 169391

Ion Ratio Lower Upper

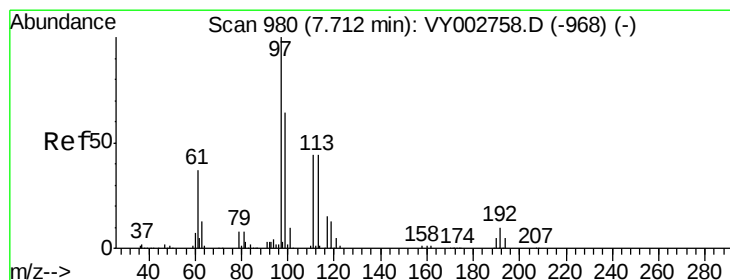
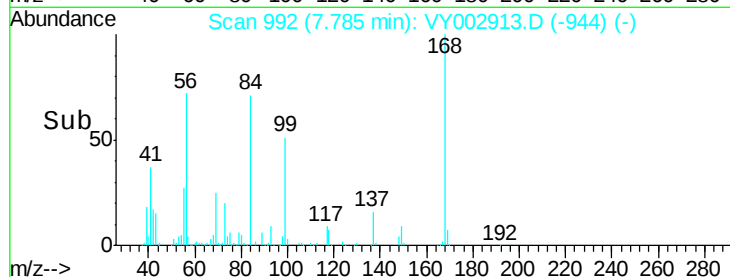
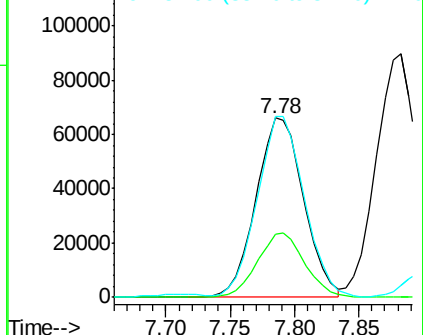
56 100

69 35.1 28.0 42.0

84 98.9 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 49.015 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

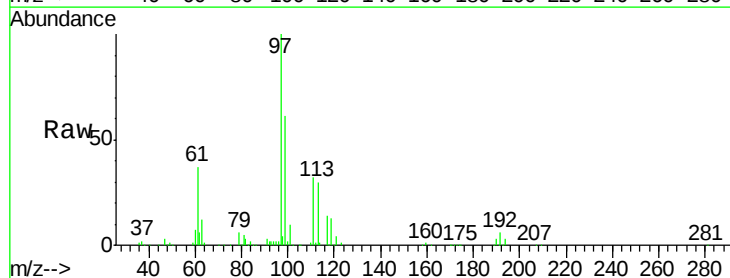
Tgt Ion: 97 Resp: 195898

Ion Ratio Lower Upper

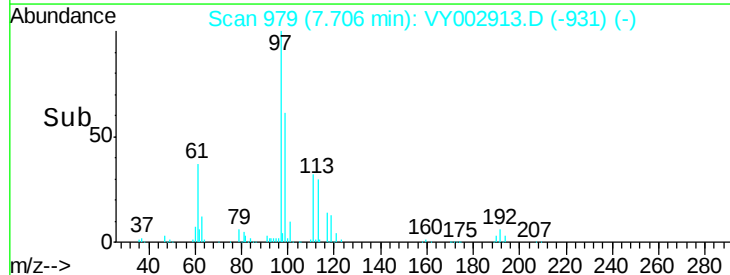
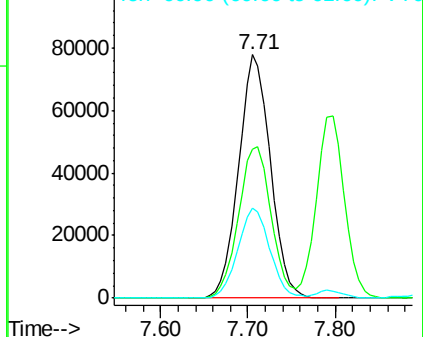
97 100

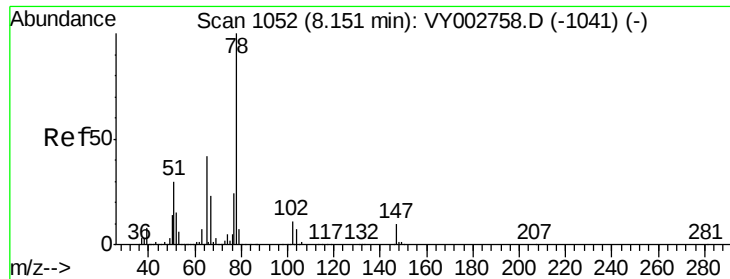
99 64.2 51.4 77.0

61 37.3 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

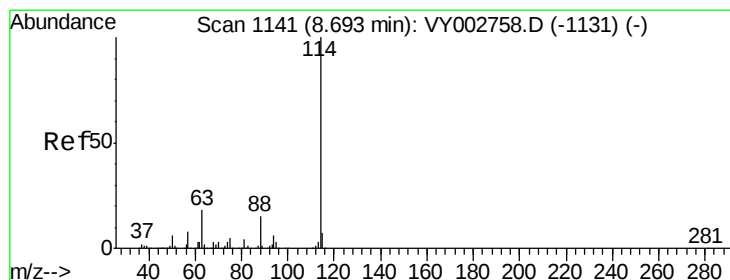
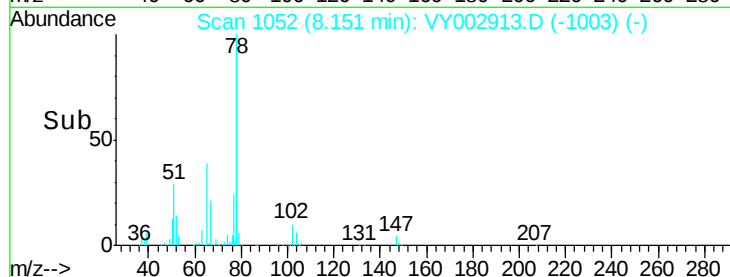
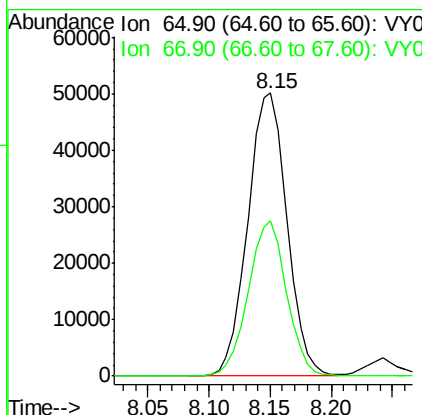
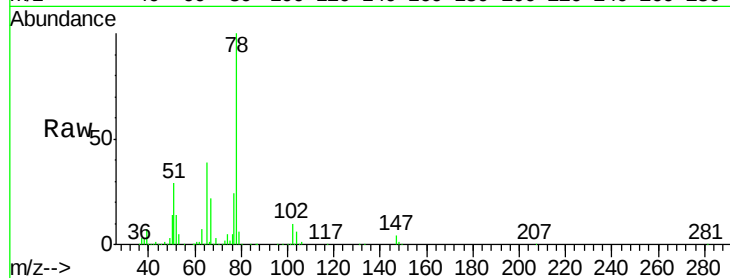




#33
 1,2-Dichloroethane-d4
 Concen: 47.394 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

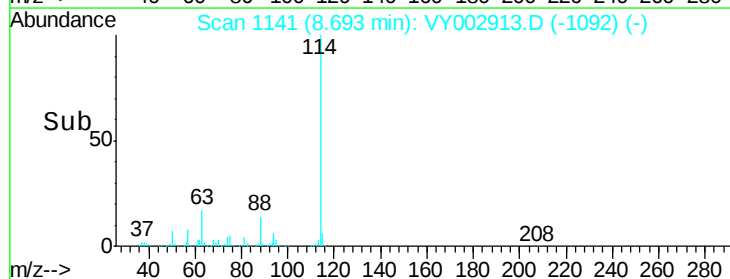
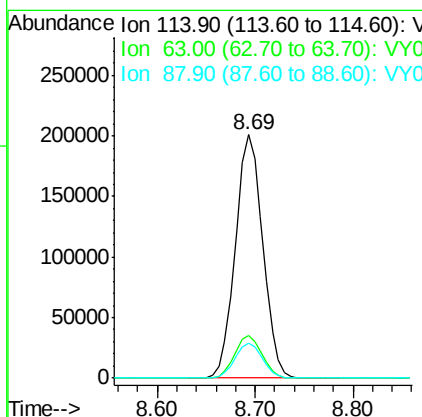
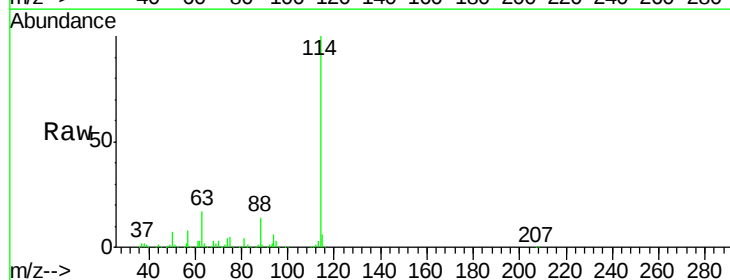
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

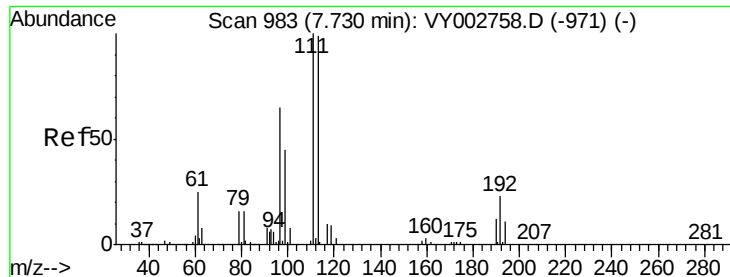
Tot Ion: 65 Resp: 112141
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion: 114 Resp: 391311
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.4 0.0 29.2

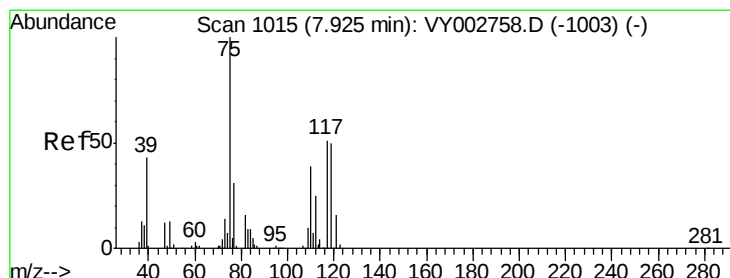
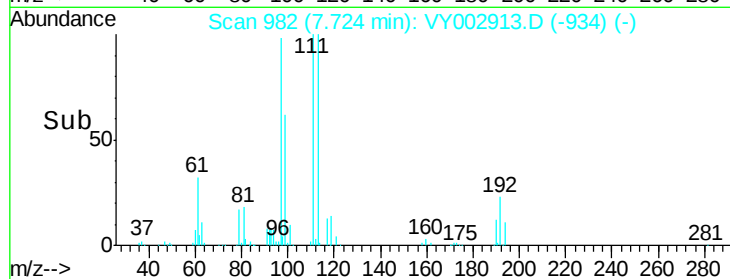
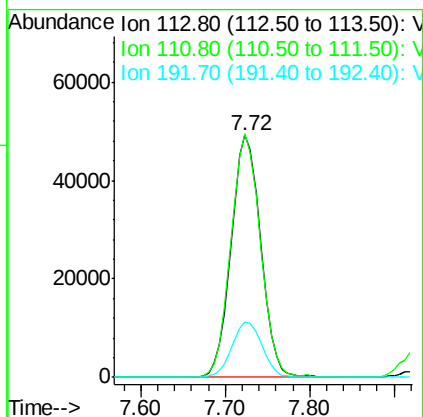
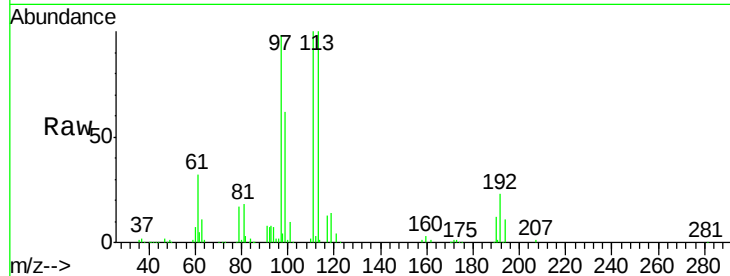




#35
 Dibromofluoromethane
 Concen: 50.828 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

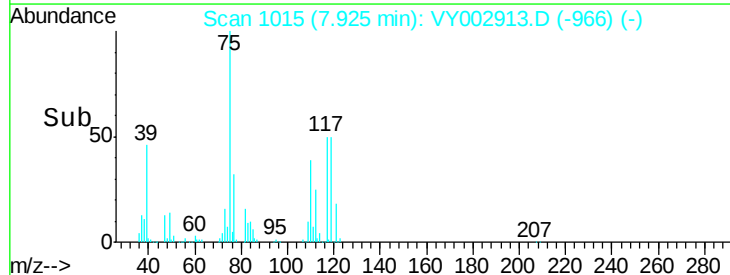
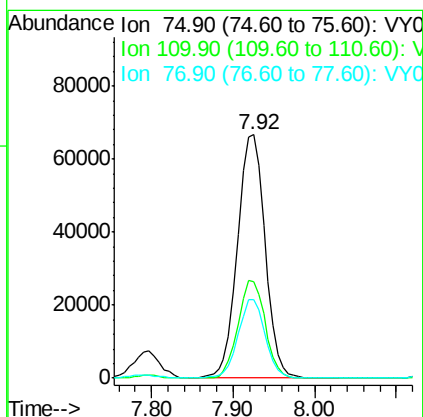
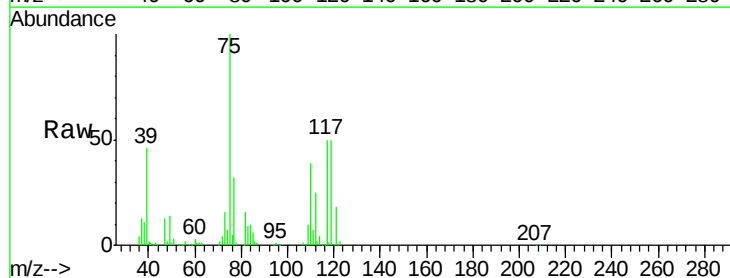
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

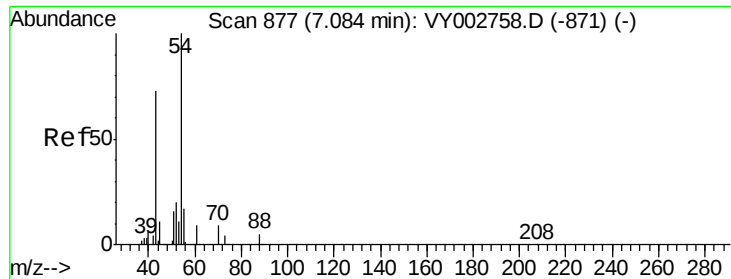
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 47.388 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	19.3	57.9
77	31.5	24.8	37.2

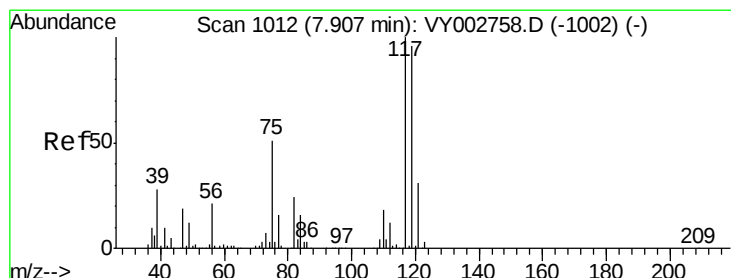
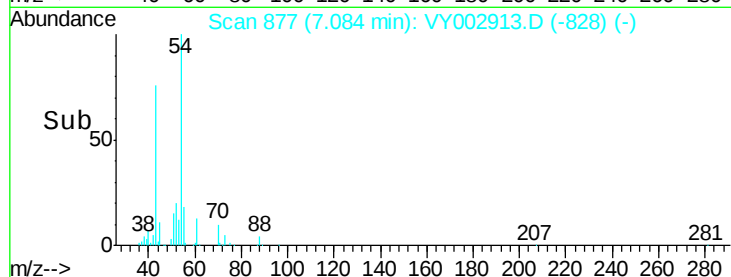
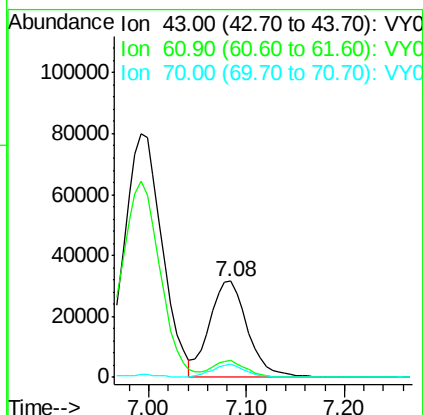
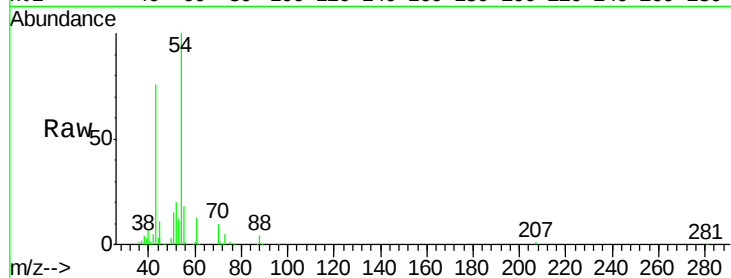




#37
Ethyl Acetate
Concen: 47.786 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

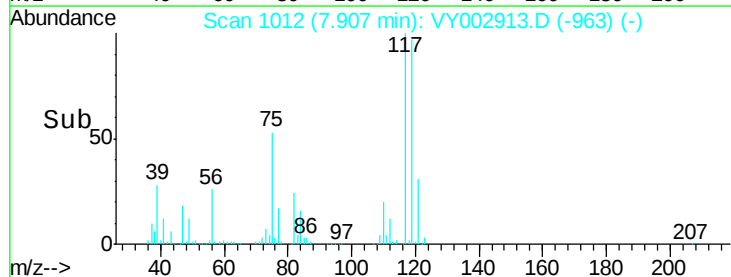
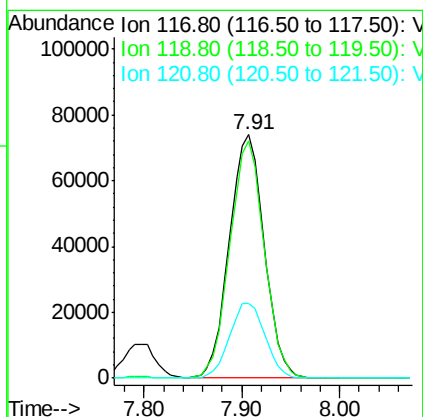
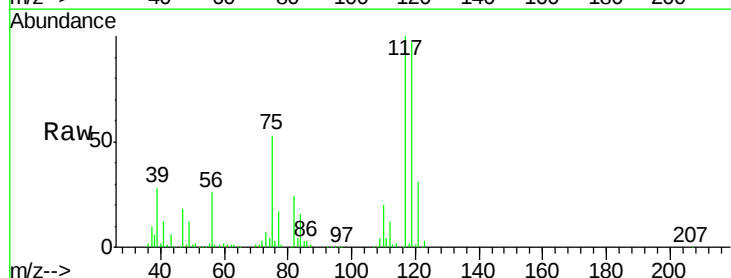
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

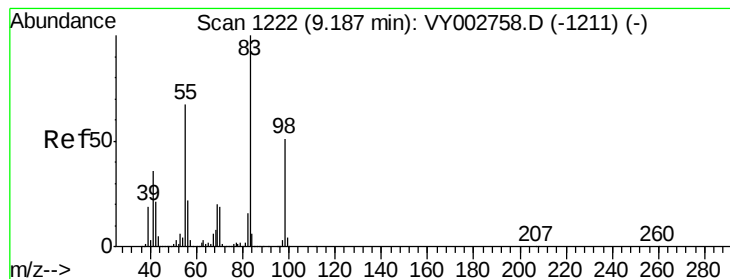
Tot Ion: 43 Resp: 85702
Ion Ratio Lower Upper
43 100
61 15.1 11.9 17.9
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.999 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 117 Resp: 183091
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
121 30.6 24.8 37.2





#39

Methvlcvclohexane

Concen: 45.708 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

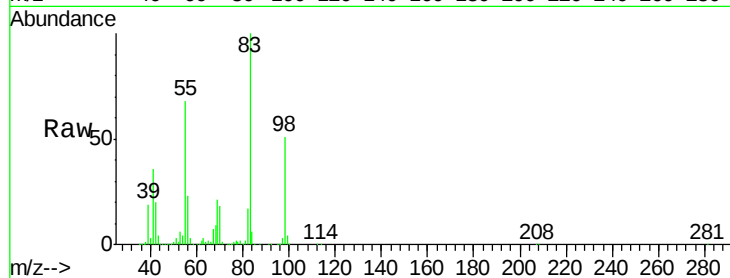
Tot Ion: 83 Resp: 198593

Ion Ratio Lower Upper

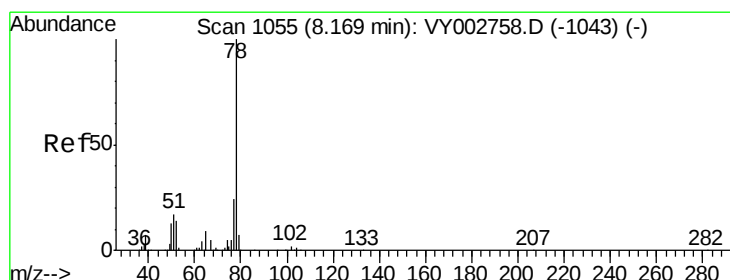
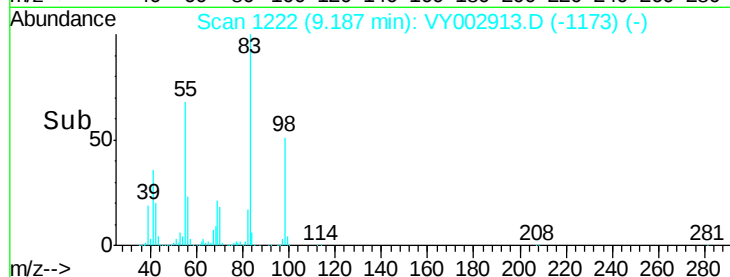
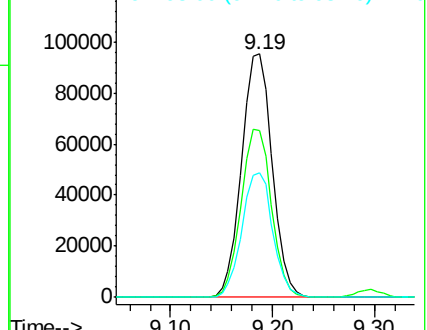
83 100

55 68.3 53.3 79.9

98 51.0 41.1 61.7



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



#40

Benzene

Concen: 48.130 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002913.D

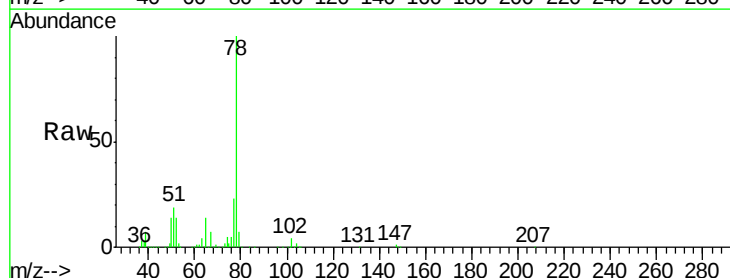
Acq: 18 Jun 2020 11:15

Tgt Ion: 78 Resp: 468779

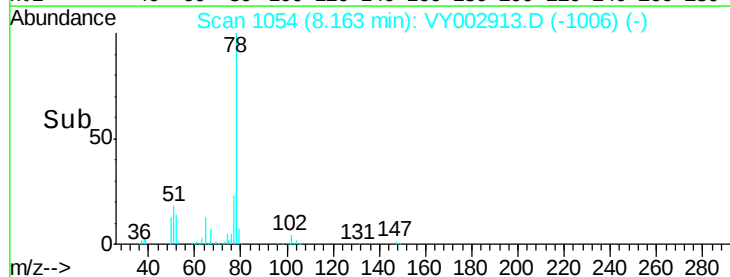
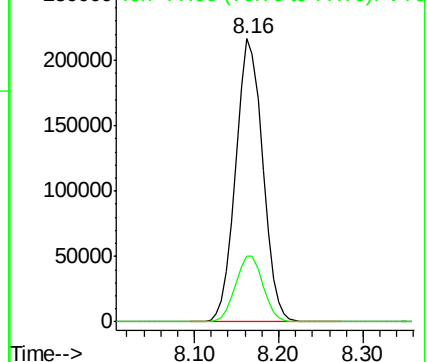
Ion Ratio Lower Upper

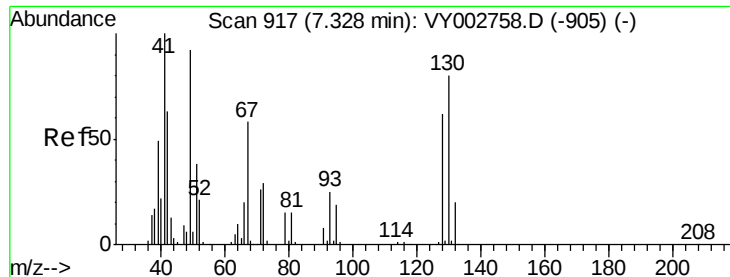
78 100

77 23.3 18.8 28.2



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

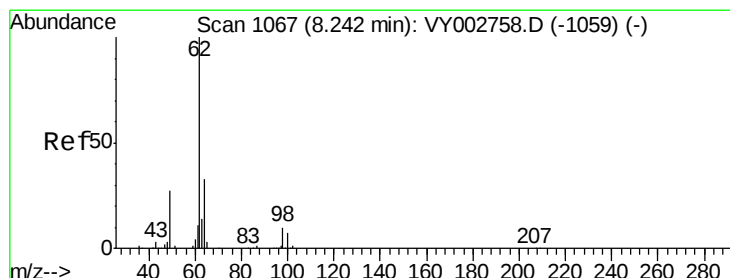
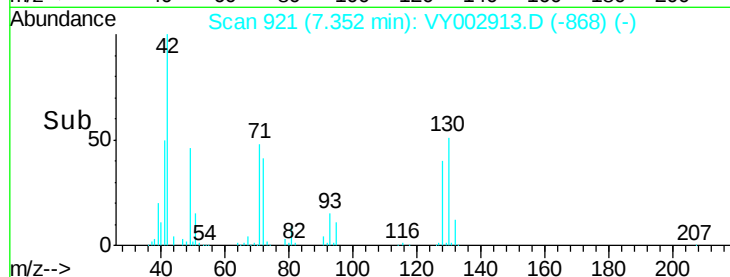
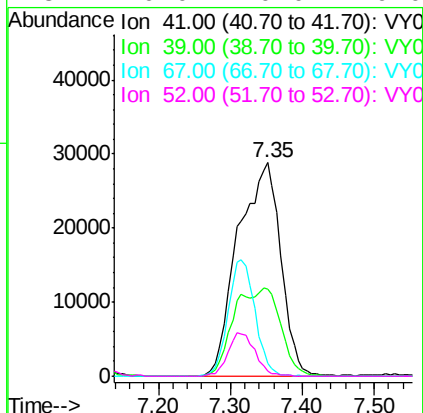
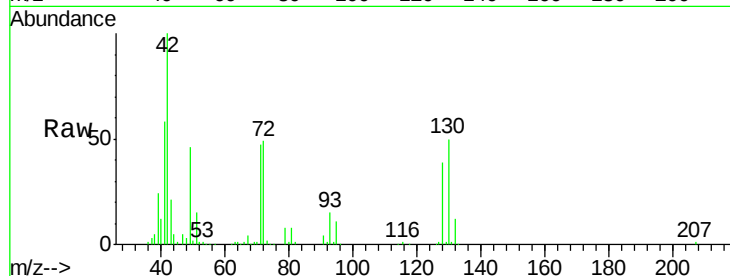




#41
Methacrylonitrile
Concen: 123.380 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

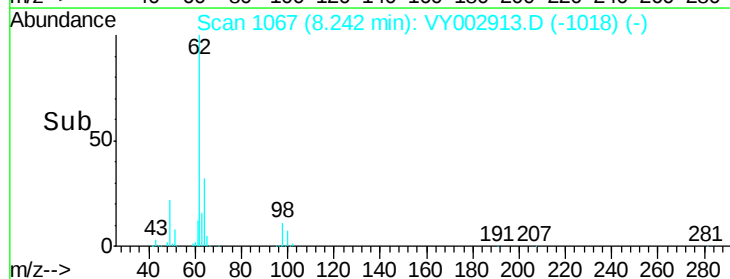
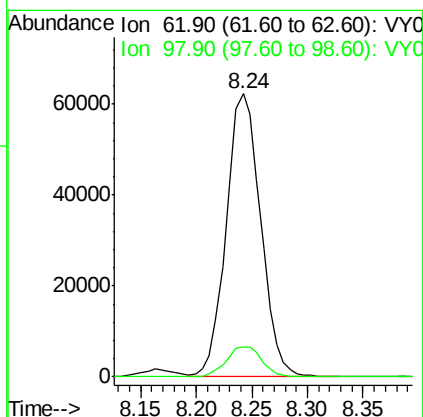
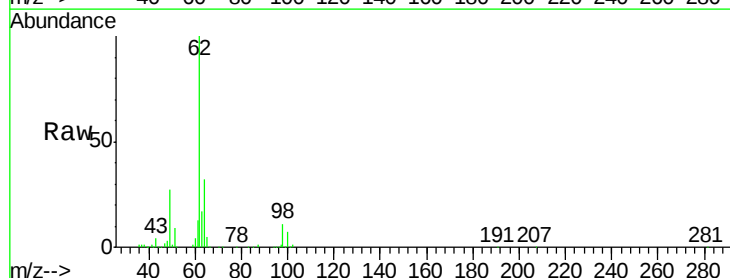
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

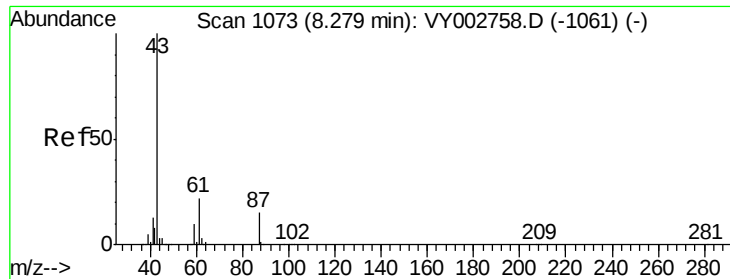
Tot Ion:	41	Resp:	118874
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.022 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion:	62	Resp:	133813
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.6





#43

Isopropyl Acetate

Concen: 47.813 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

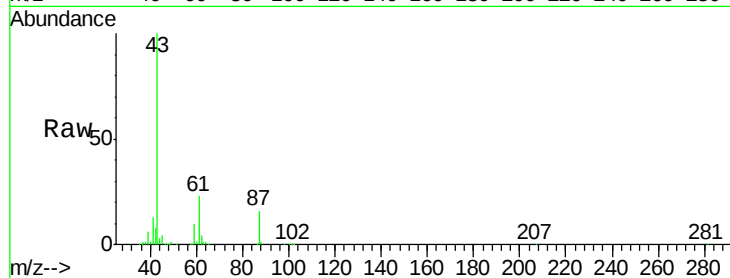
Tot Ion: 43 Resp: 162497

Ion Ratio Lower Upper

43 100

61 31.6 24.8 37.2

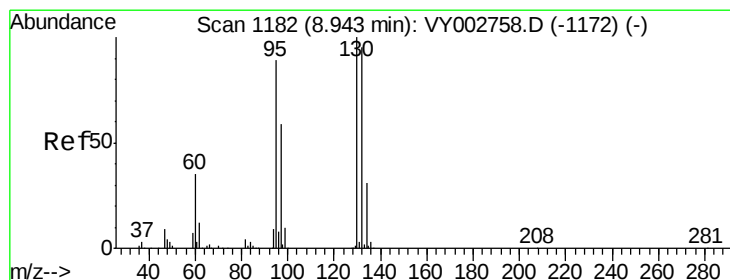
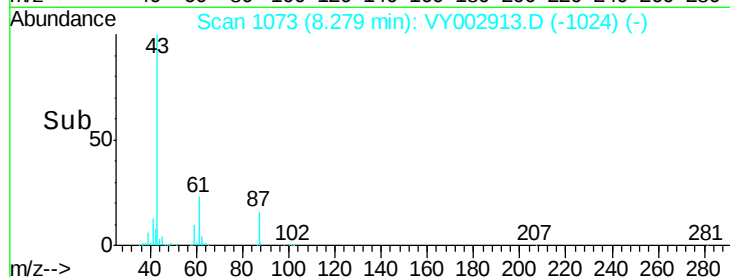
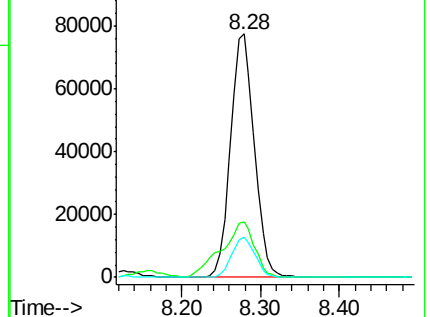
87 16.3 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002913.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002913.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002913.D (-1024) (-)



#44

Trichloroethene

Concen: 47.927 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002913.D

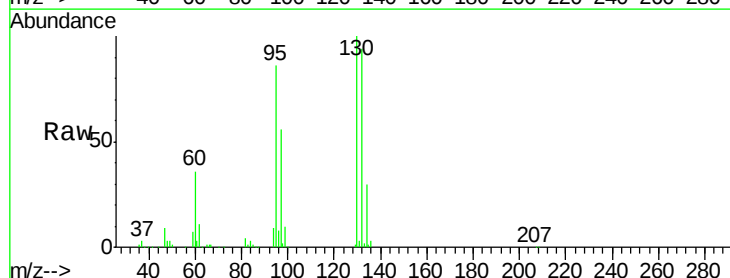
Acq: 18 Jun 2020 11:15

Tgt Ion:130 Resp: 147451

Ion Ratio Lower Upper

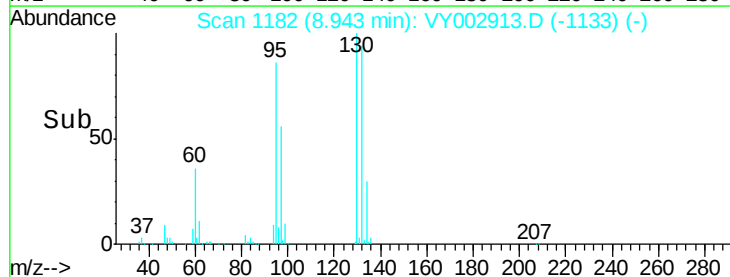
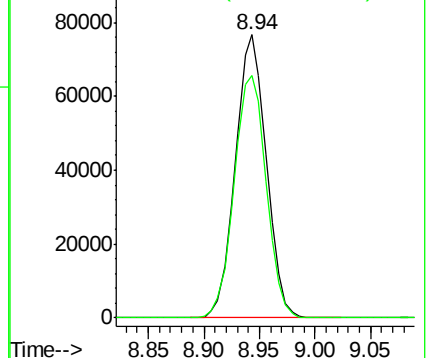
130 100

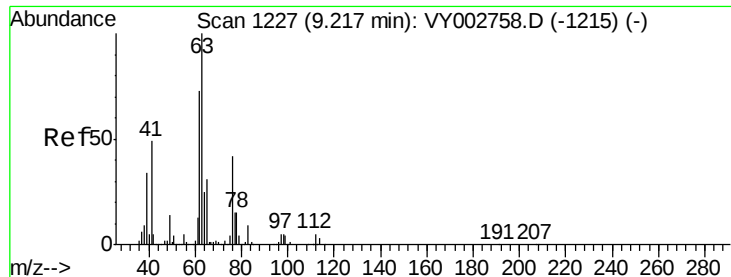
95 85.8 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002913.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002913.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 48.400 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

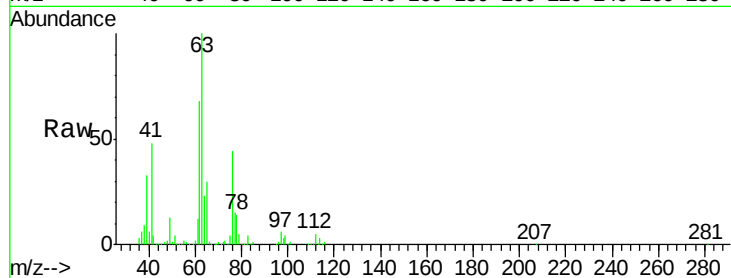
VSTDCCC050

Tot Ion: 63 Resp: 113050

Ion Ratio Lower Upper

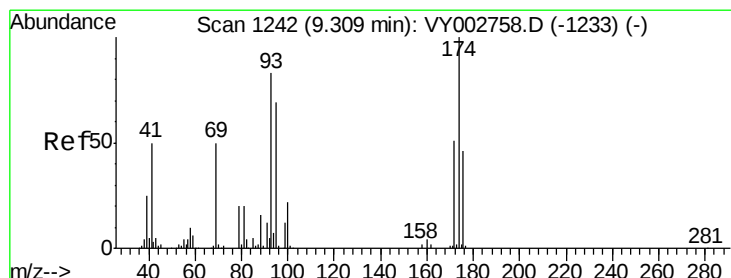
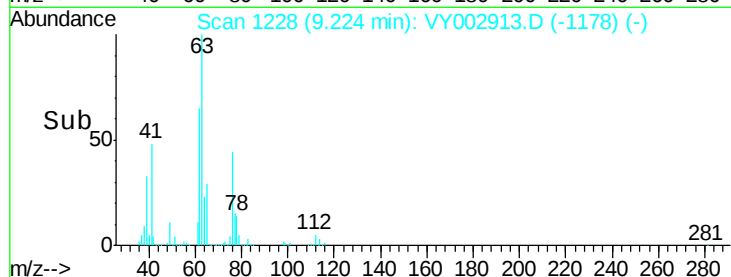
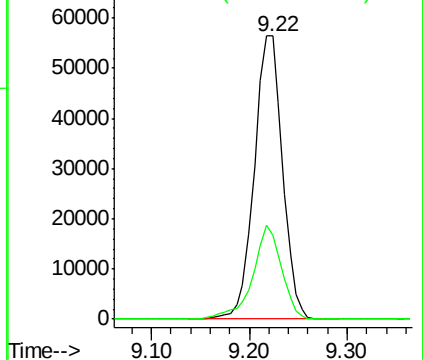
63 100

65 29.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 48.719 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

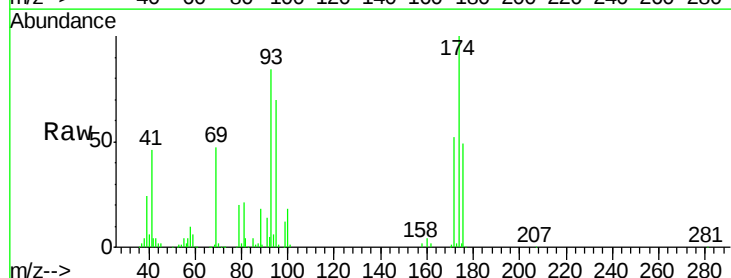
Tgt Ion: 93 Resp: 67581

Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

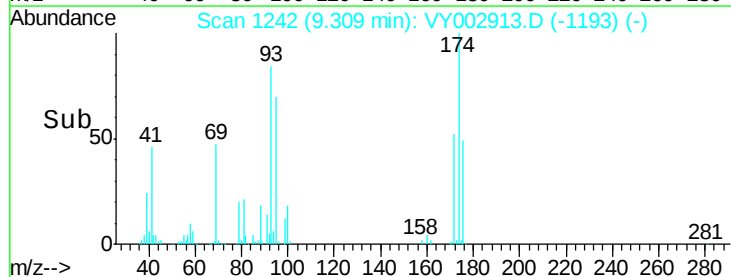
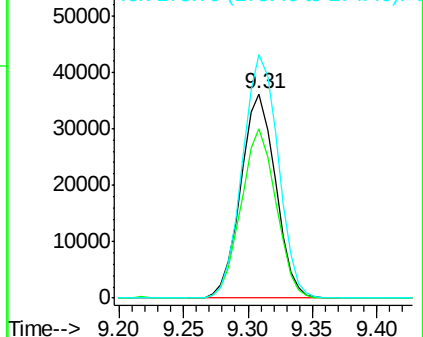
174 122.0 97.7 146.5

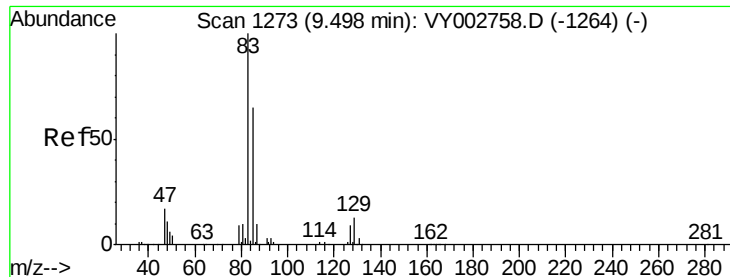


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.563 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

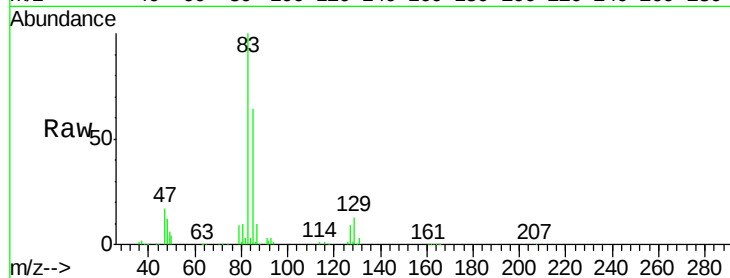
Tot Ion: 83 Resp: 165350

Ion Ratio Lower Upper

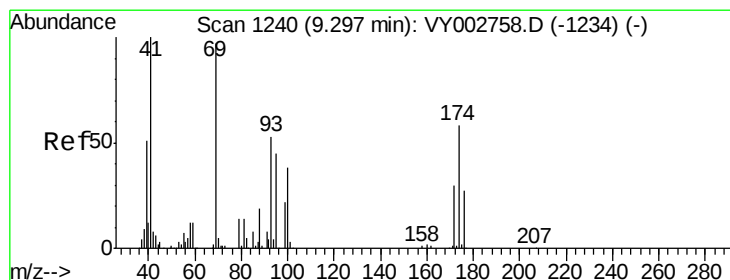
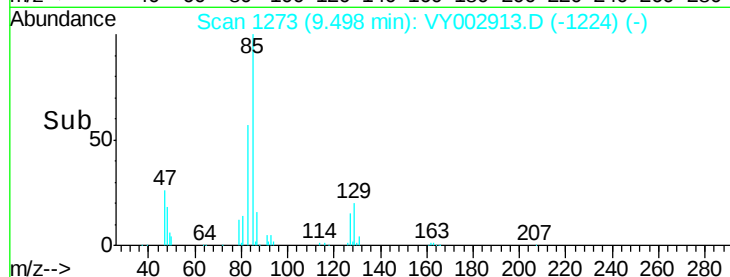
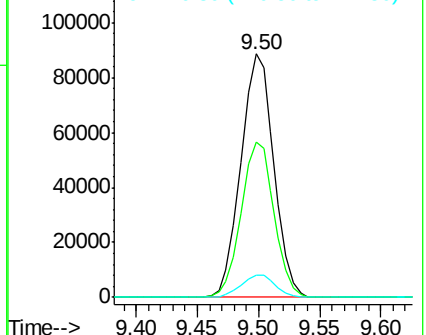
83 100

85 63.8 51.9 77.9

127 9.3 7.1 10.7



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



#48

Methyl methacrylate

Concen: 47.912 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

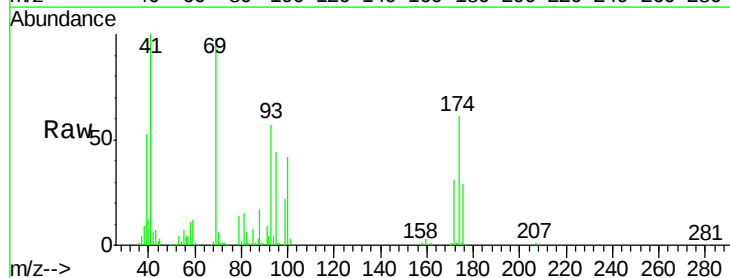
Tgt Ion: 41 Resp: 73507

Ion Ratio Lower Upper

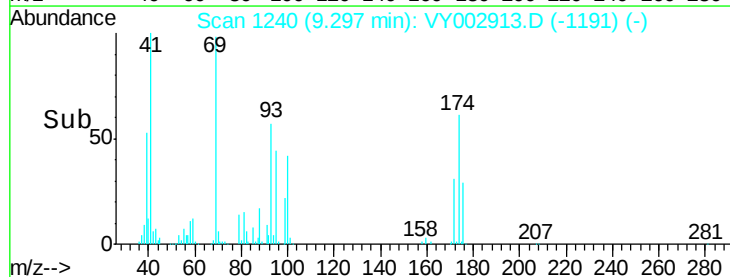
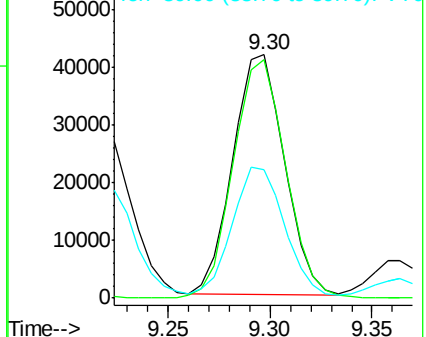
41 100

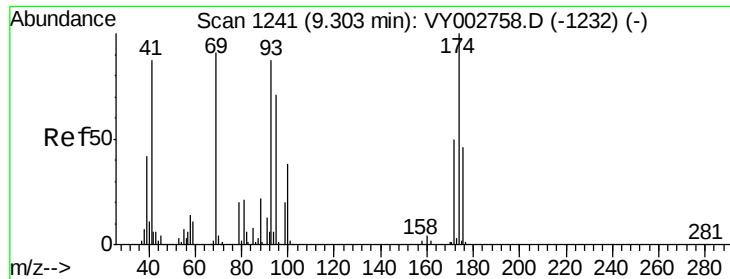
69 100.9 79.7 119.5

39 56.2 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

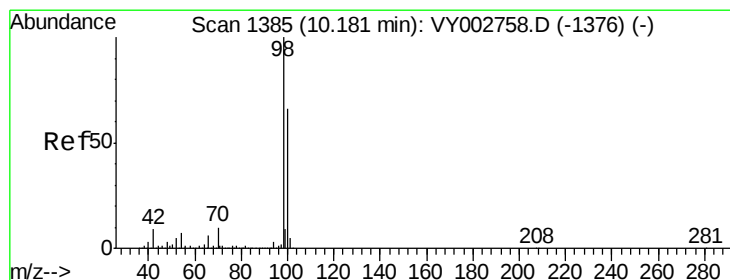
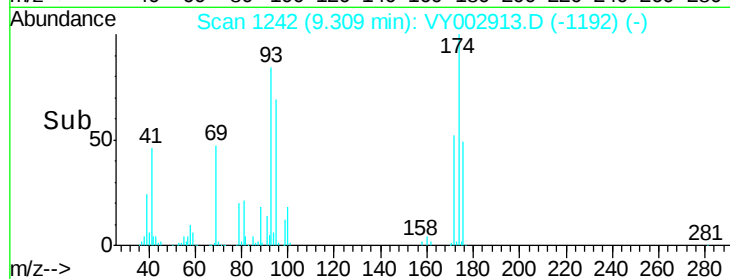
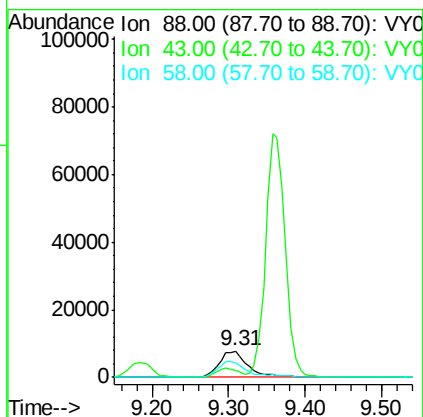
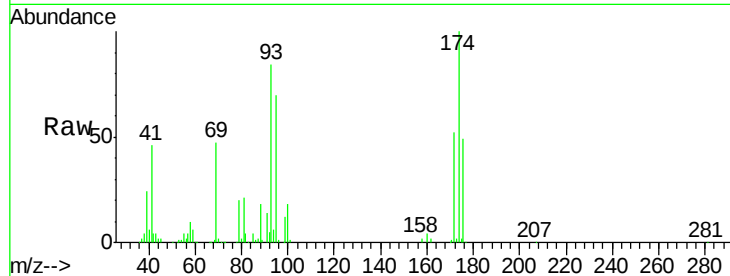




#49
1,4-Dioxane
Concen: 953.358 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

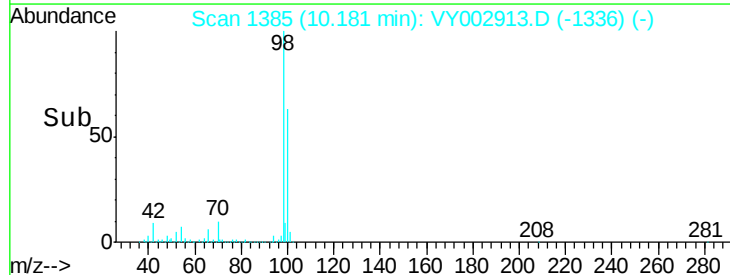
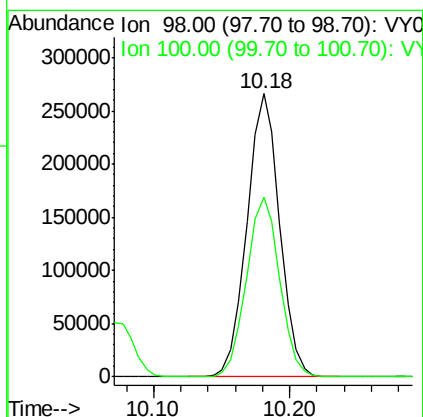
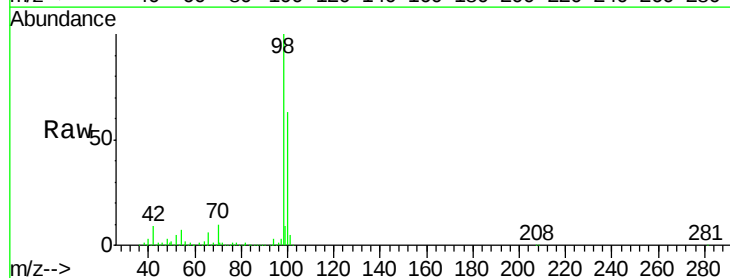
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

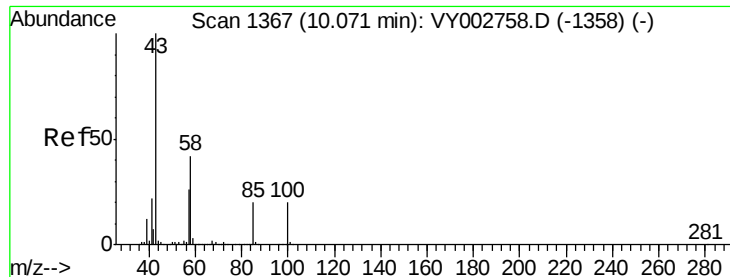
Tot Ion: 88 Resp: 20306
Ion Ratio Lower Upper
88 100
43 26.1 21.3 31.9
58 64.5 52.2 78.2



#50
Toluene-d8
Concen: 48.167 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 98 Resp: 446621
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

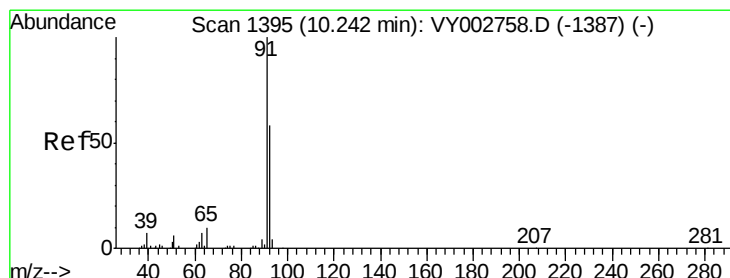
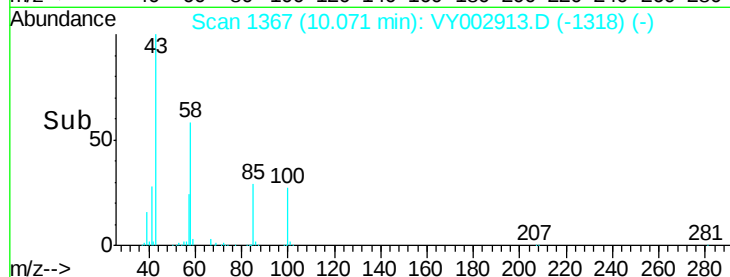
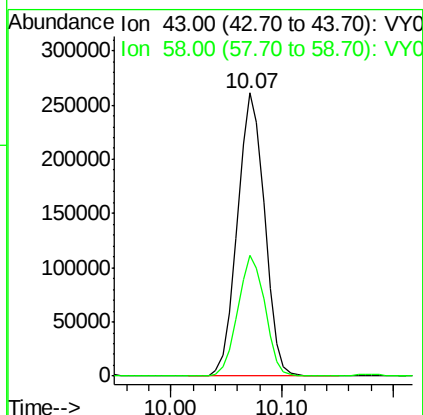
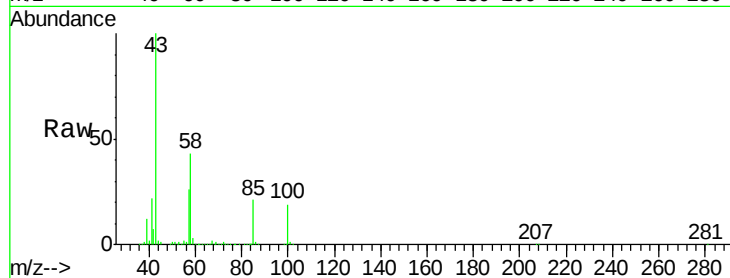




#51
4-Methyl-2-Pentanone
Concen: 245.007 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

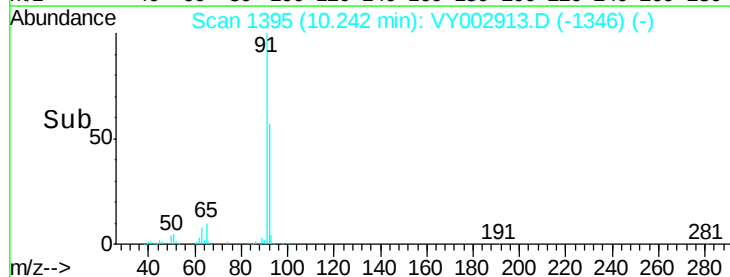
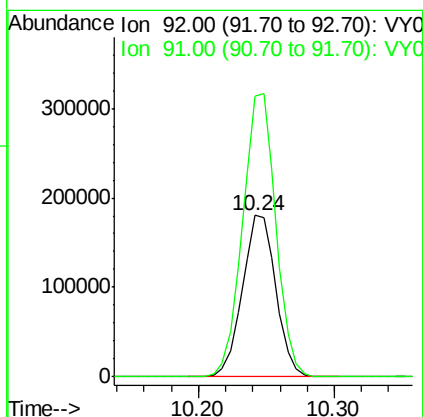
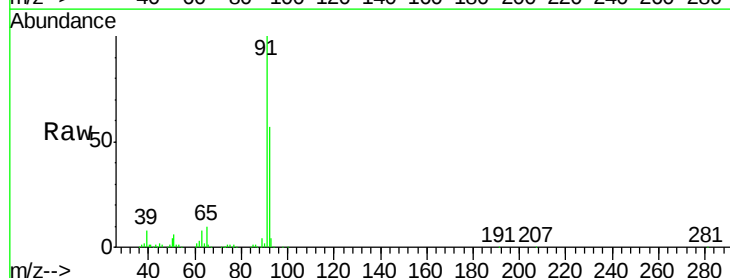
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

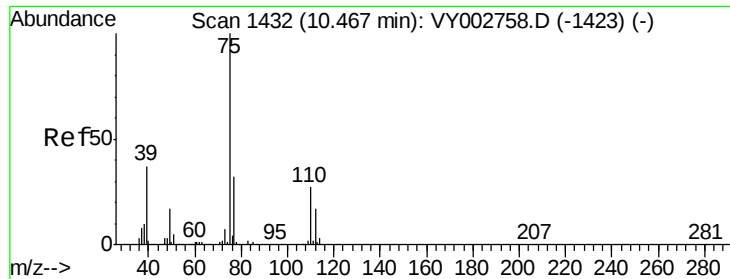
Tot Ion: 43 Resp: 440924
Ion Ratio Lower Upper
43 100
58 42.8 34.2 51.2



#52
Toluene
Concen: 48.609 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 92 Resp: 309721
Ion Ratio Lower Upper
92 100
91 174.2 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.858 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

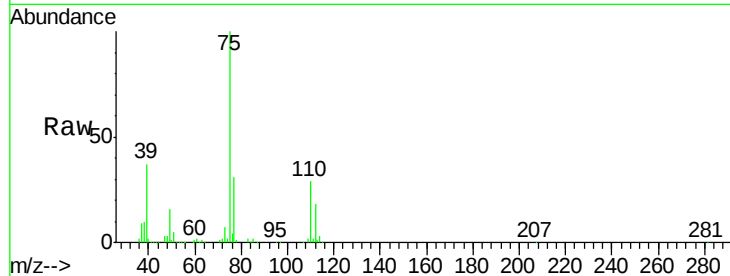
VSTDCCC050

Tot Ion: 75 Resp: 178086

Ion Ratio Lower Upper

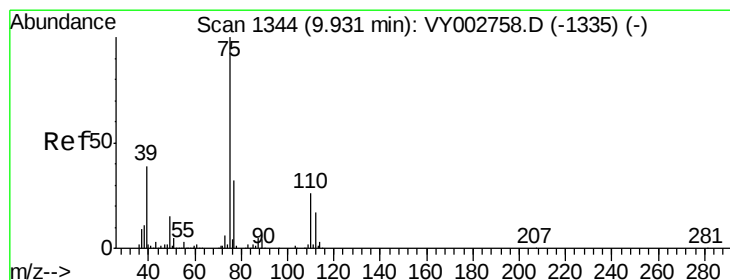
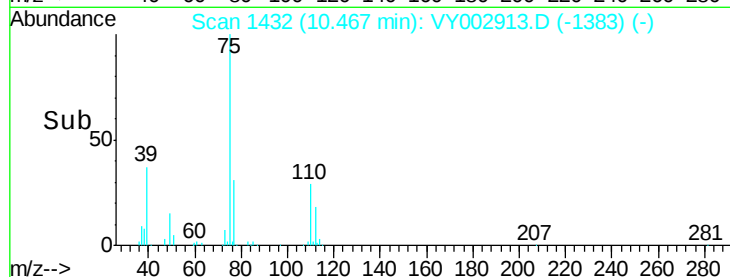
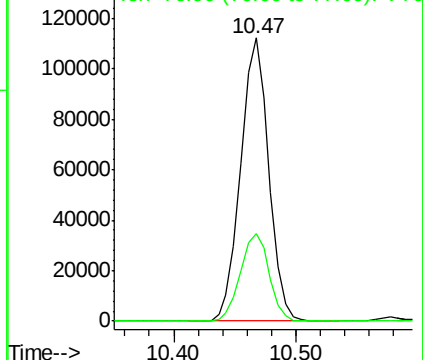
75 100

77 30.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 49.122 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

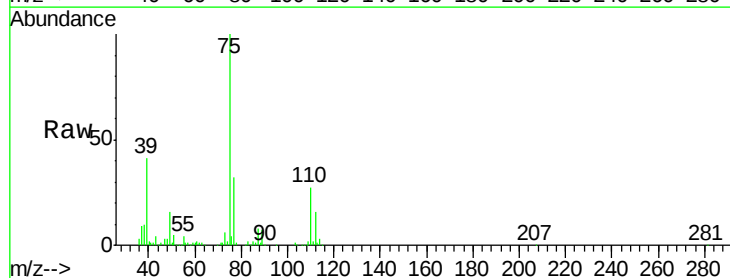
Tgt Ion: 75 Resp: 198815

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

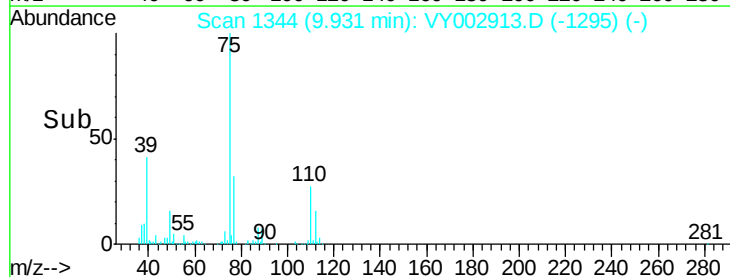
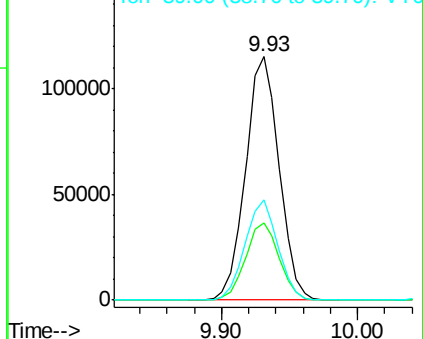
39 41.4 31.3 46.9

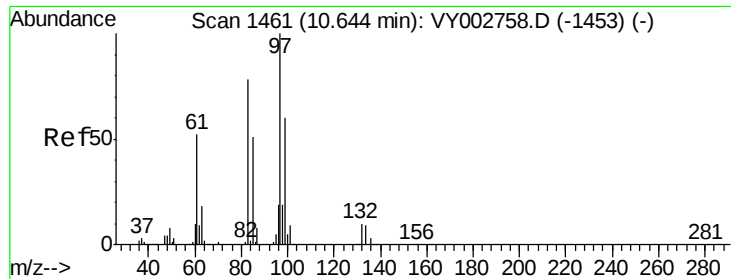


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

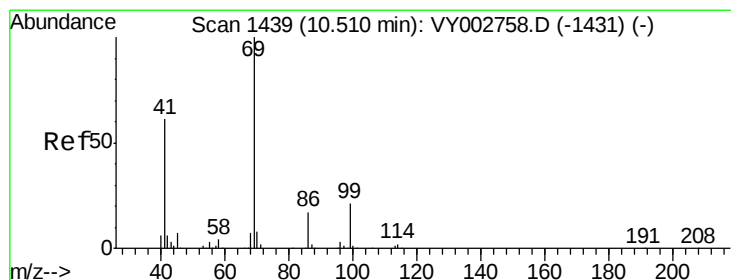
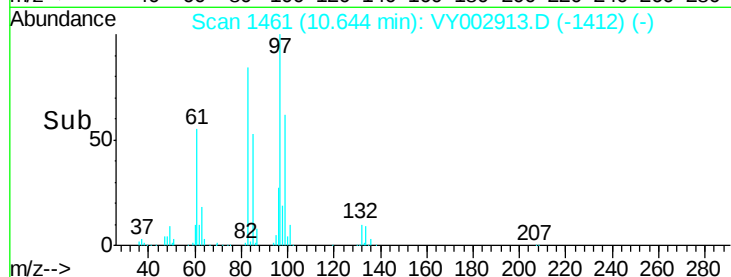
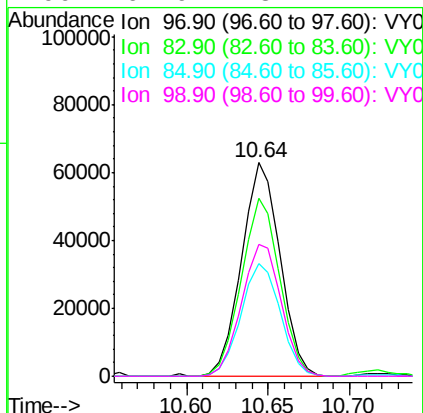
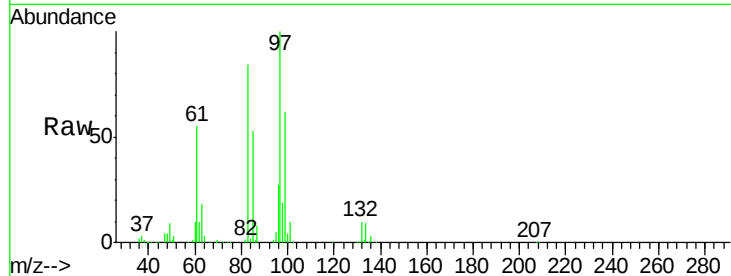




#55
 1,1,2-Trichloroethane
 Concen: 48.925 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

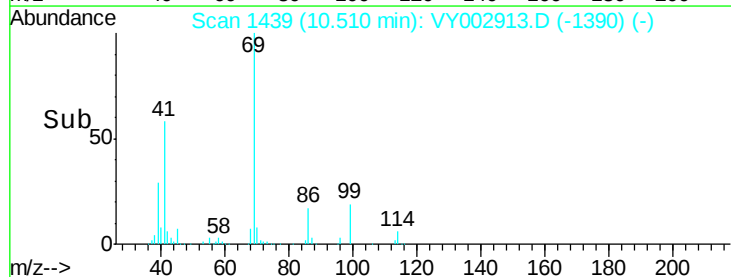
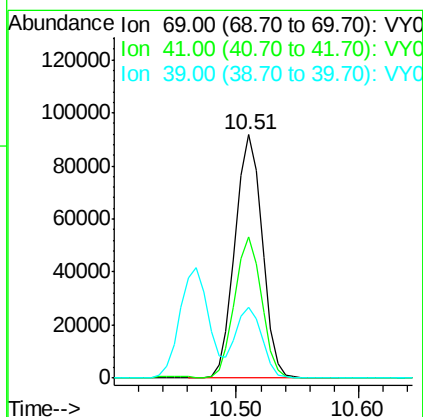
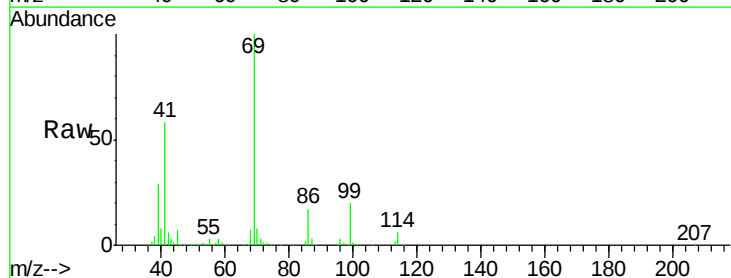
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

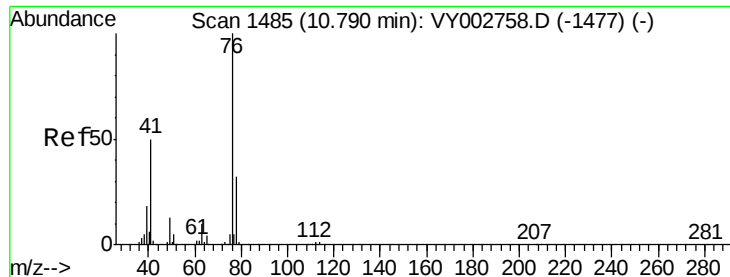
Tot Ion:	97	Resp:	103903
Ion	Ratio	Lower	Upper
97	100		
83	83.5	62.7	94.1
85	52.8	40.6	60.8
99	61.9	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 49.754 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion:	69	Resp:	141525
Ion	Ratio	Lower	Upper
69	100		
41	57.2	47.0	70.4
39	27.8	22.0	33.0





#57

1,3-Dichloropropane

Concen: 49.264 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

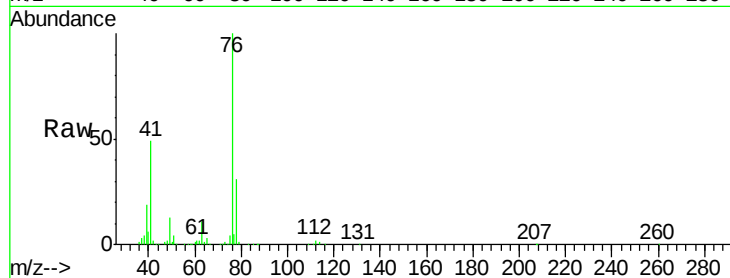
VSTDCCC050

Tot Ion: 76 Resp: 172079

Ion Ratio Lower Upper

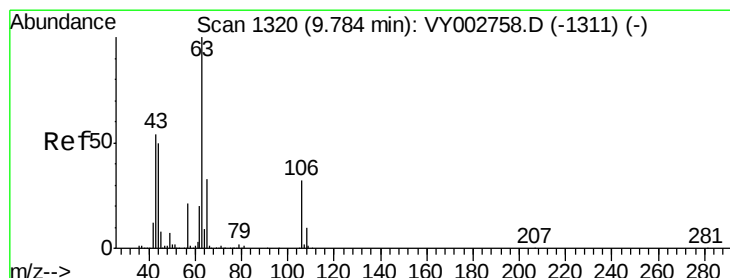
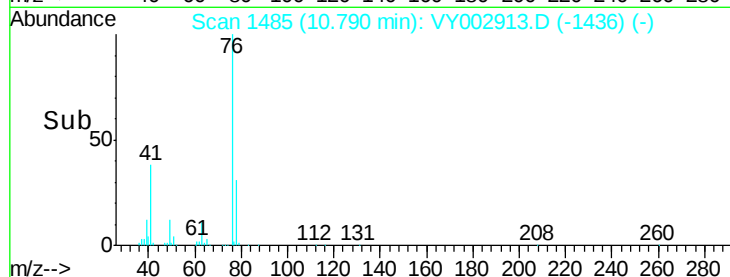
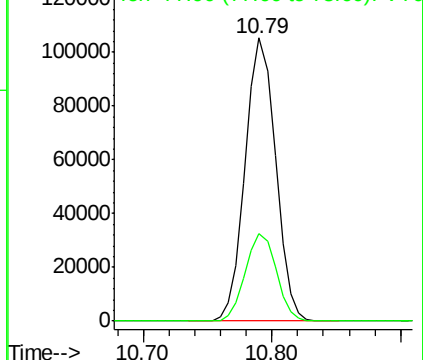
76 100

78 31.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 248.462 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002913.D

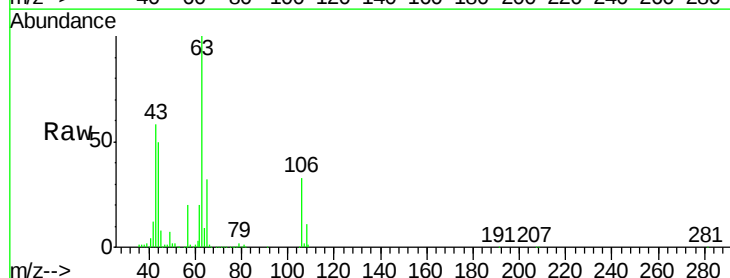
Acq: 18 Jun 2020 11:15

Tgt Ion: 63 Resp: 345339

Ion Ratio Lower Upper

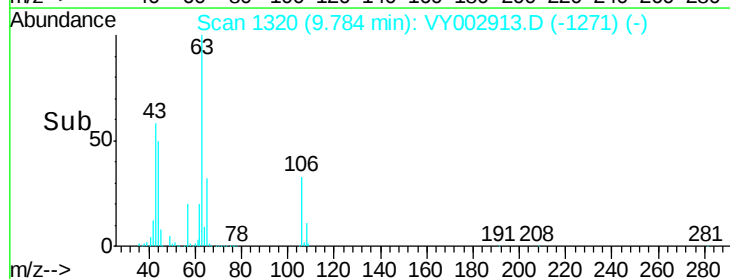
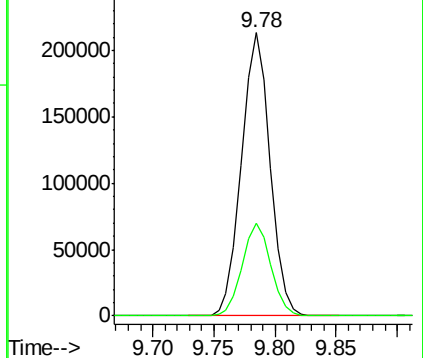
63 100

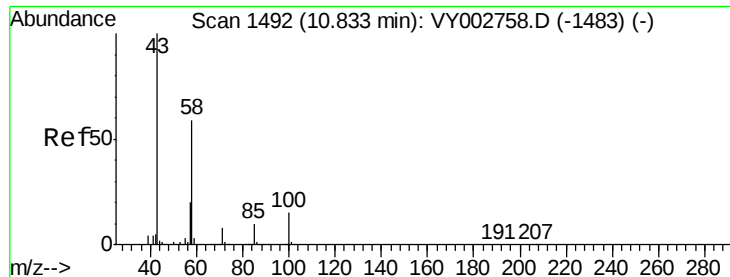
106 32.9 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

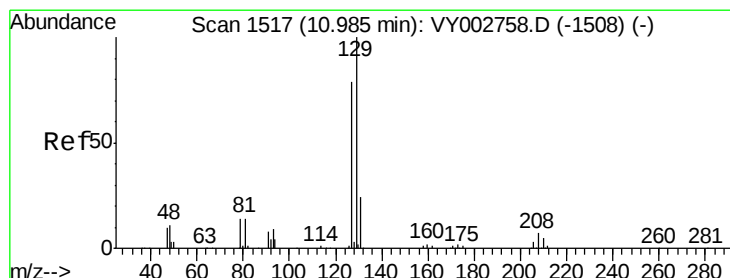
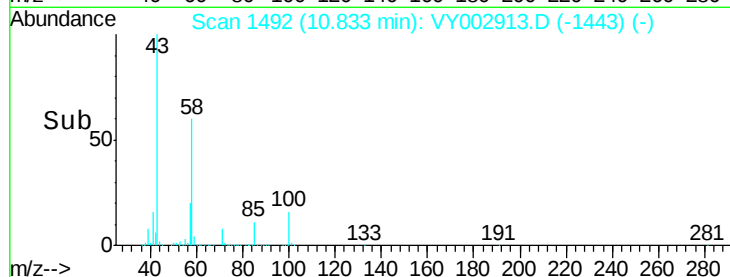
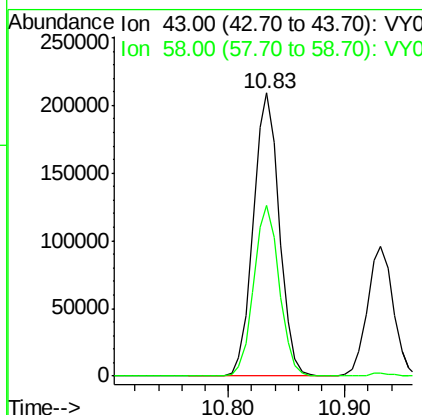
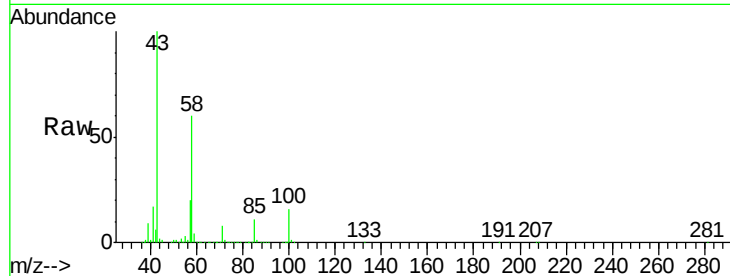




#59
2-Hexanone
Concen: 255.091 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

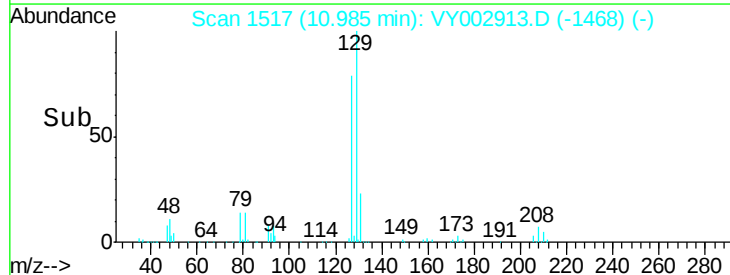
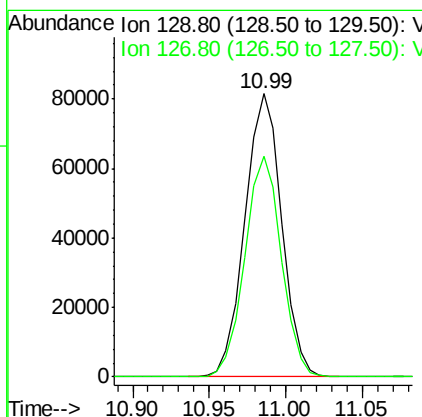
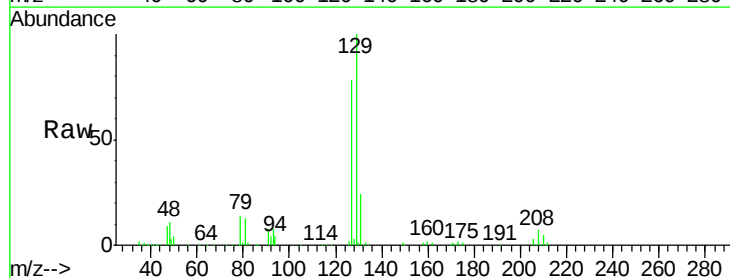
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

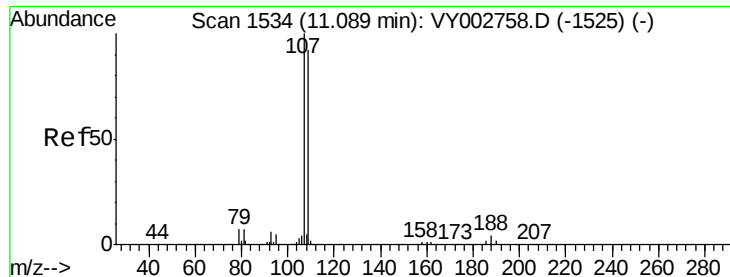
Tot Ion: 43 Resp: 325722
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#60
Dibromochloromethane
Concen: 50.557 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 129 Resp: 136124
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

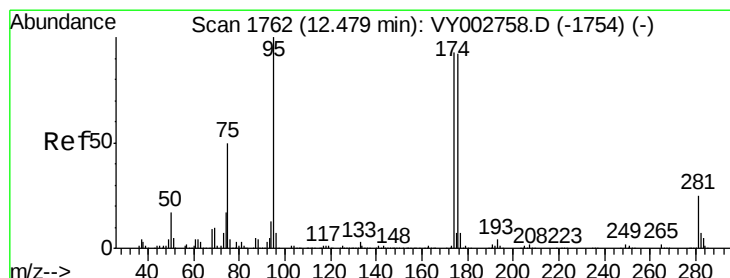
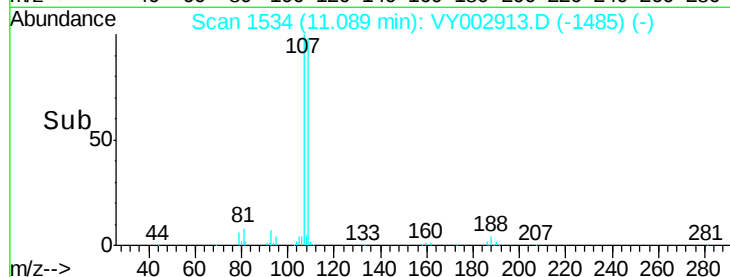
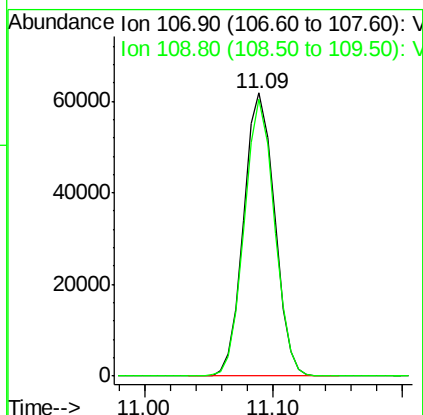
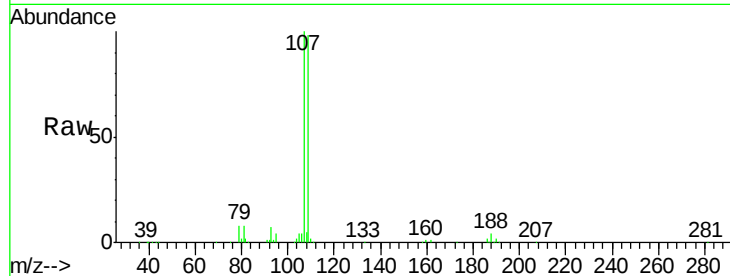




#61
 1,2-Dibromoethane
 Concen: 48.838 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

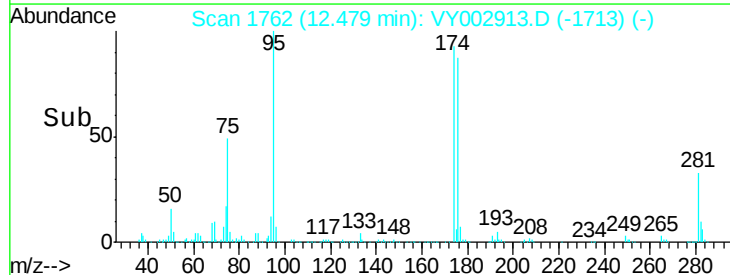
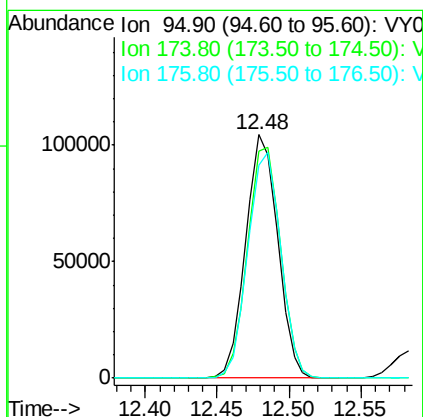
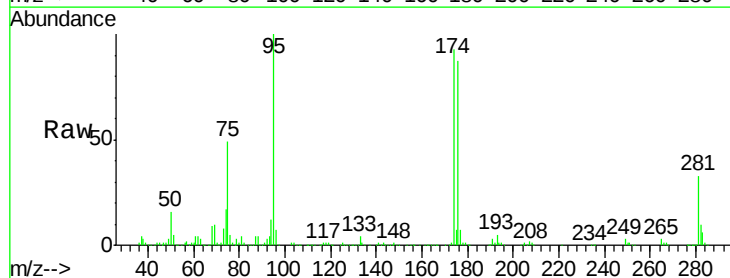
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

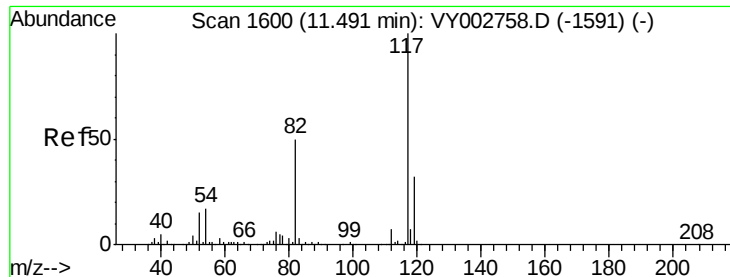
Tot Ion: 107 Resp: 102312
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.757 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion: 95 Resp: 160841
 Ion Ratio Lower Upper
 95 100
 174 97.8 0.0 191.2
 176 94.8 0.0 188.8

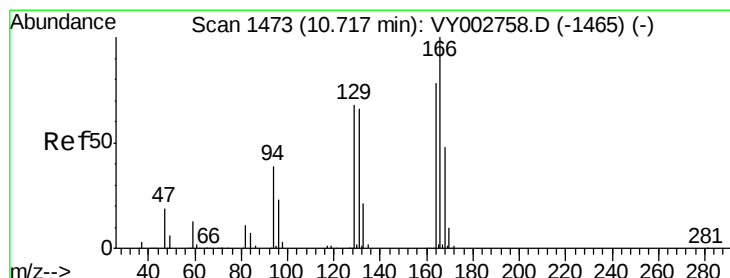
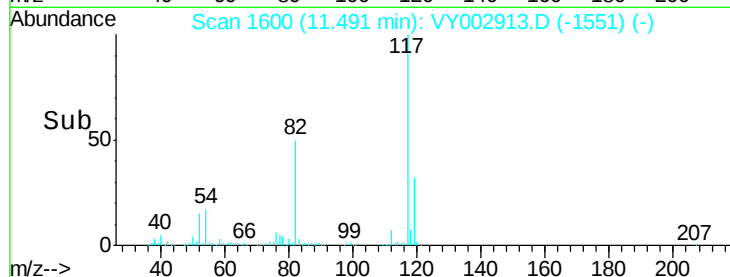
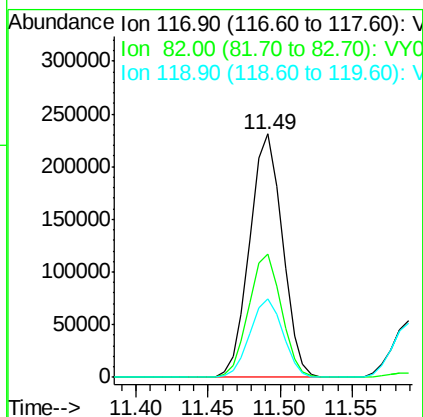
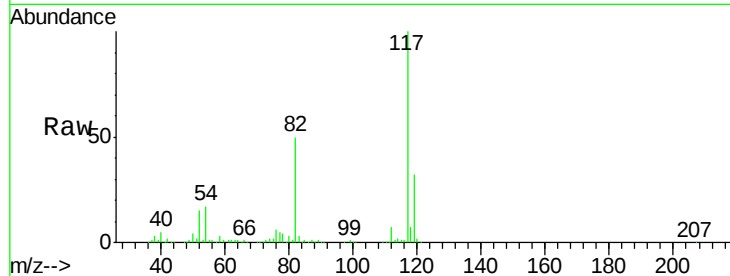




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

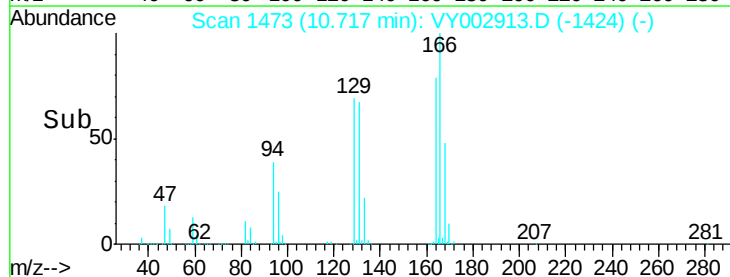
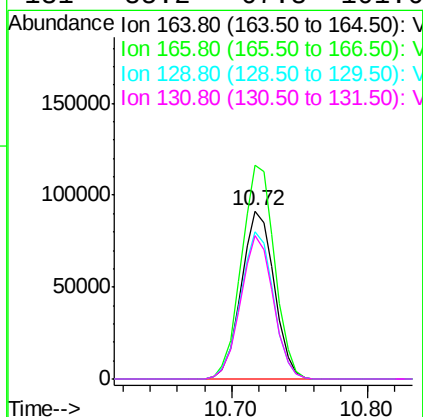
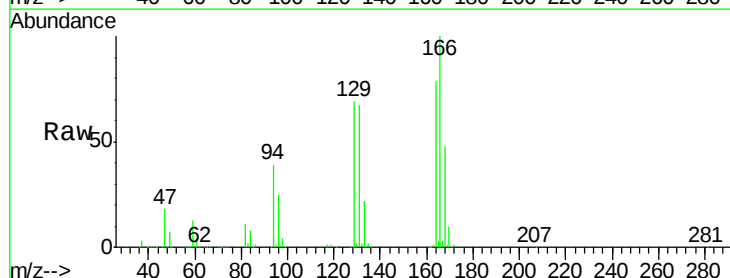
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

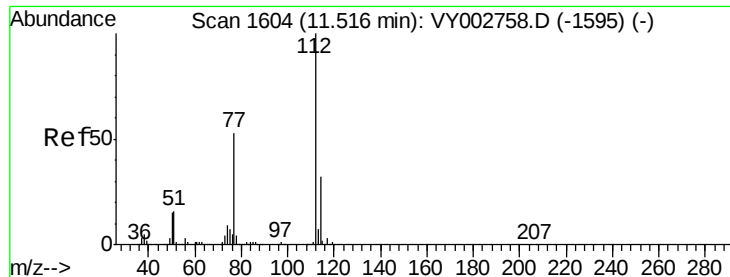
Tot Ion:117 Resp: 364007
Ion Ratio Lower Upper
117 100
82 50.4 40.2 60.4
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 46.628 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion:164 Resp: 154259
Ion Ratio Lower Upper
164 100
166 127.3 102.3 153.5
129 87.6 69.4 104.2
131 85.2 67.8 101.6

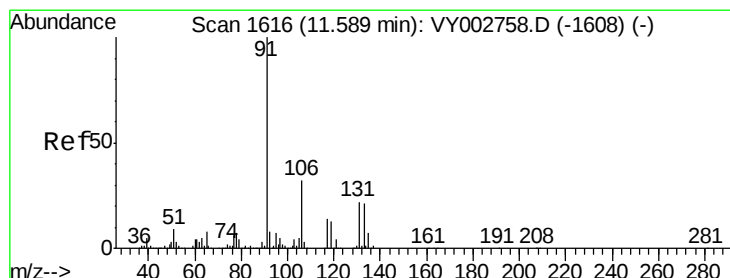
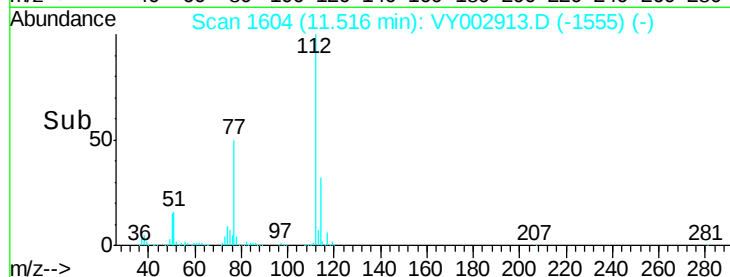
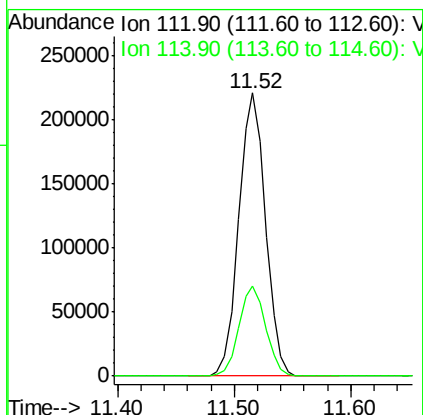
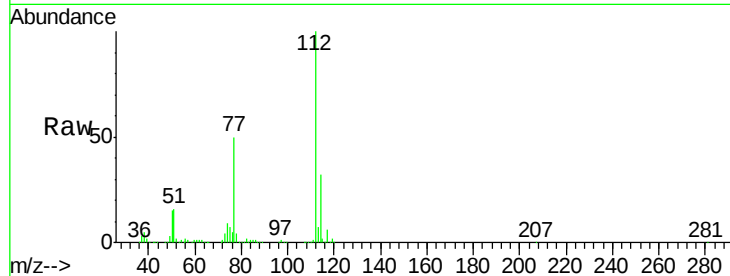




#65
Chlorobenzene
Concen: 49.120 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

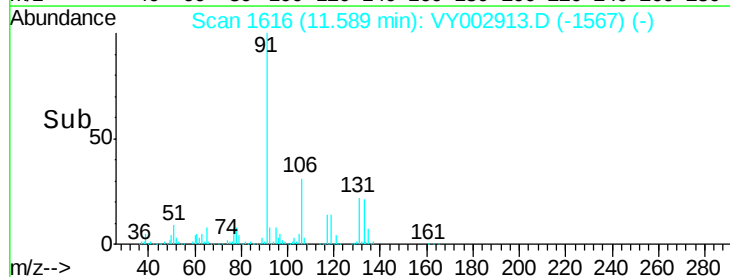
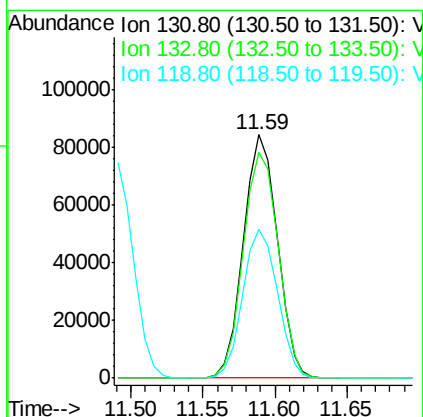
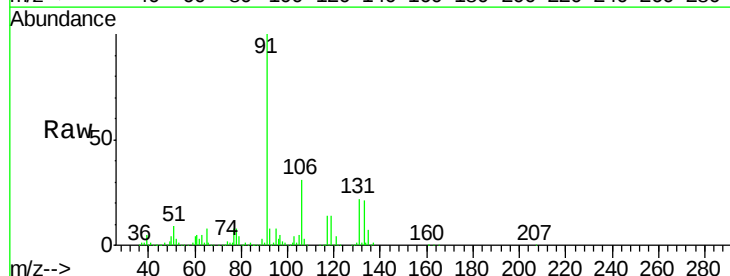
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

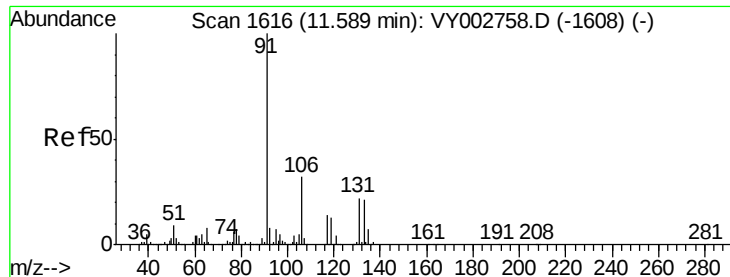
Tot Ion:112 Resp: 353395
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.980 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion:131 Resp: 138137
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.8
119 62.3 31.7 95.1

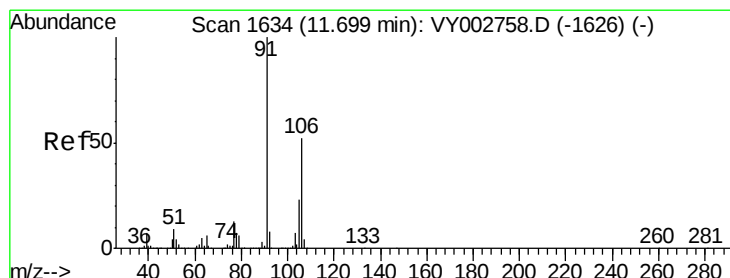
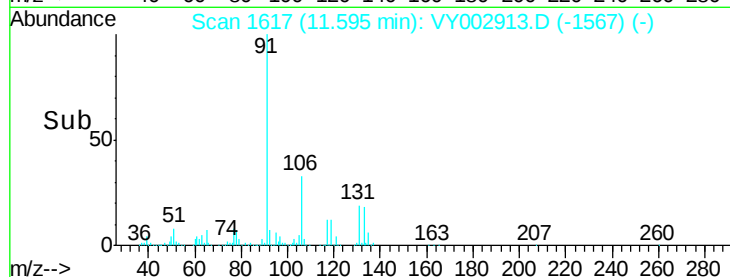
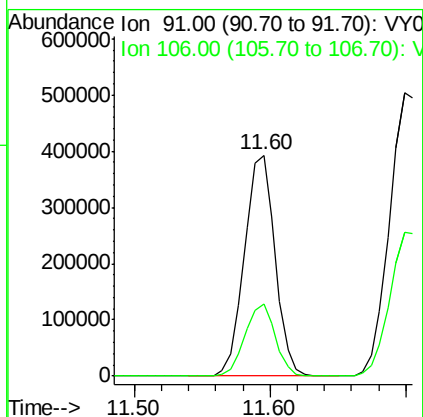
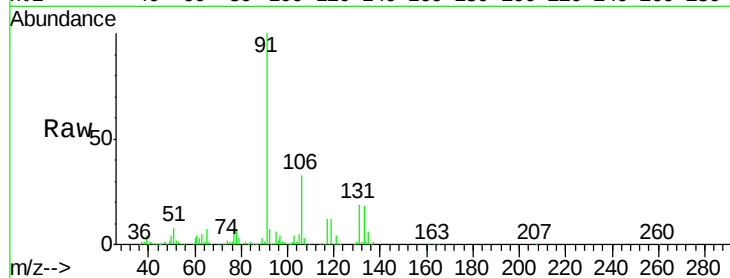




#67
Ethyl Benzene
Concen: 49.639 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

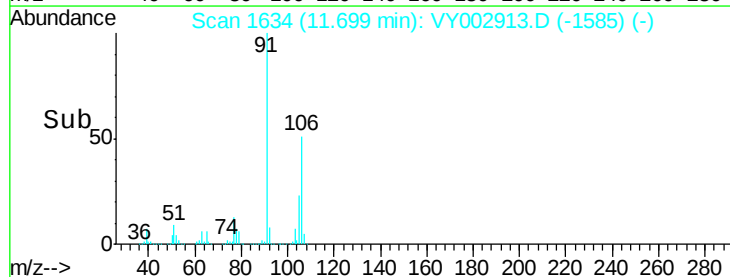
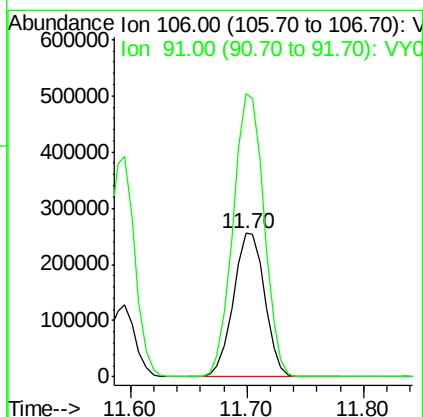
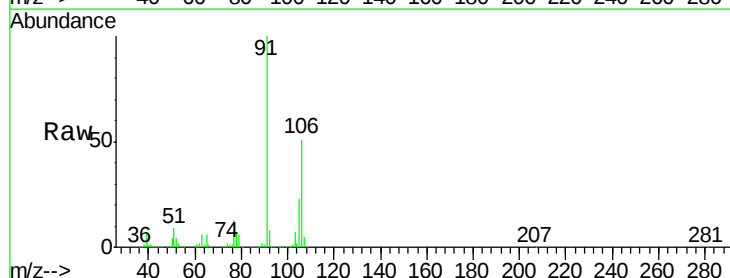
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

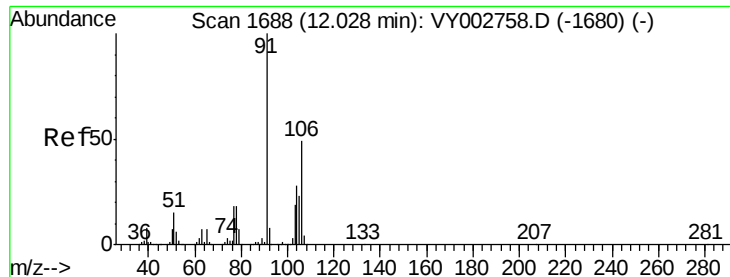
Tot Ion: 91 Resp: 619135
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5



#68
m/p-Xylenes
Concen: 99.013 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 106 Resp: 478816
Ion Ratio Lower Upper
106 100
91 195.5 156.0 234.0

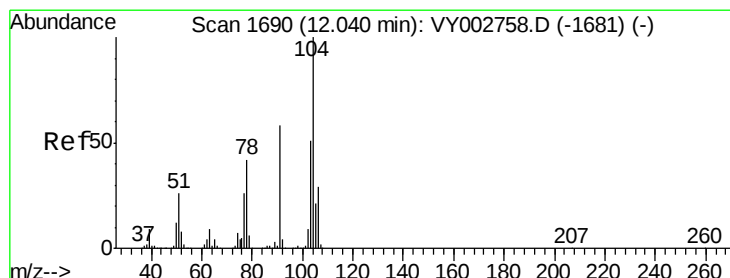
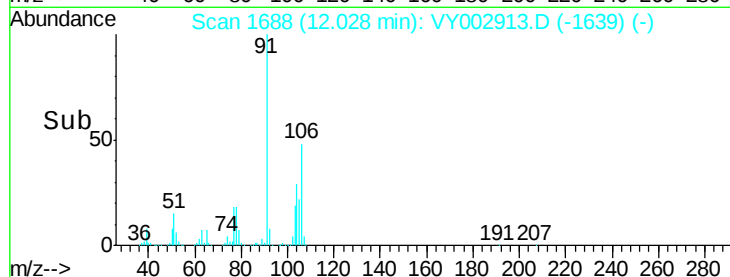
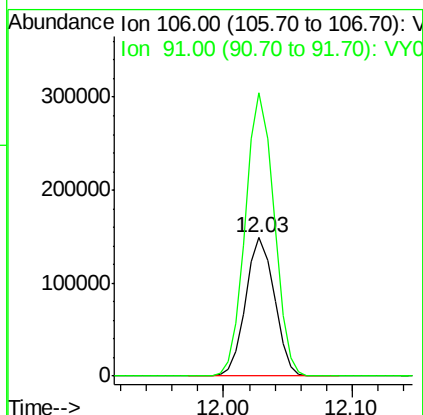
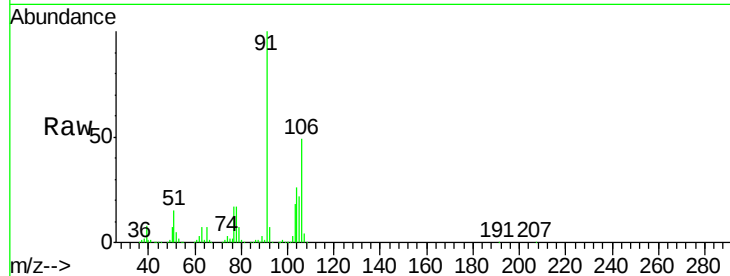




#69
o-Xylene
Concen: 50.426 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

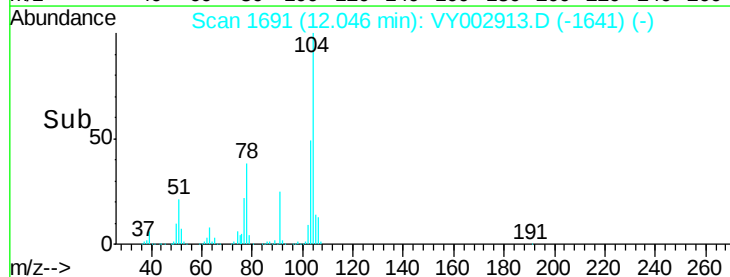
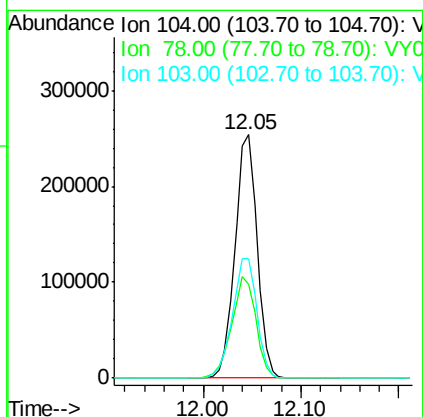
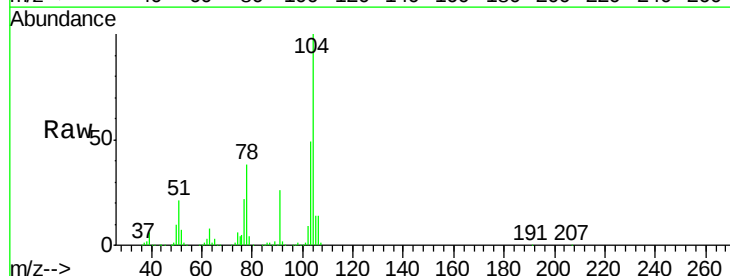
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

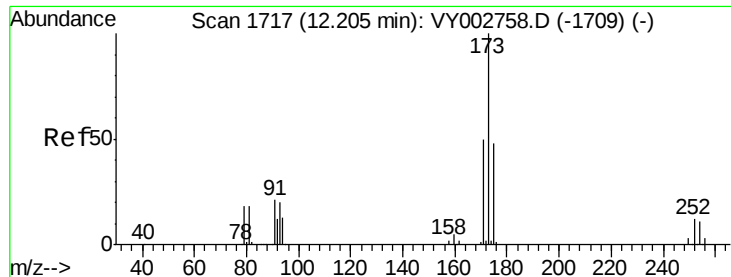
Tot Ion:106 Resp: 230207
Ion Ratio Lower Upper
106 100
91 203.9 102.4 307.1



#70
Styrene
Concen: 50.484 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion:104 Resp: 399535
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.4
103 54.2 43.6 65.4





#71

Bromoform

Concen: 52.043 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

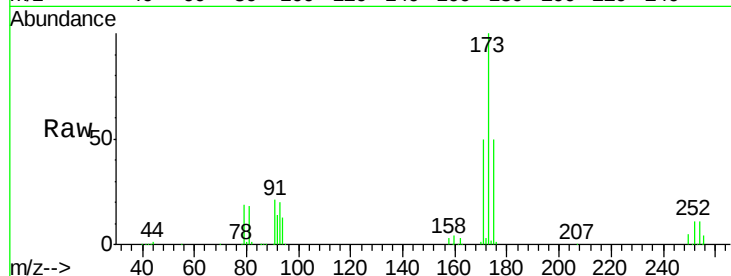
Tot Ion:173 Resp: 94358

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

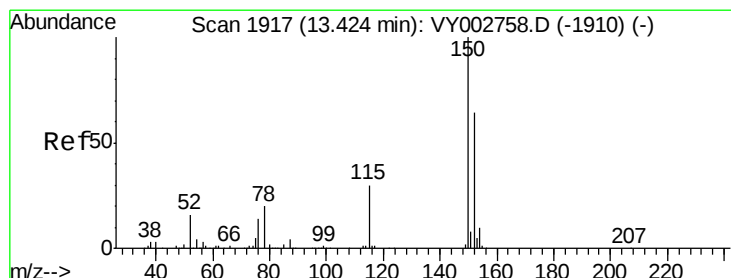
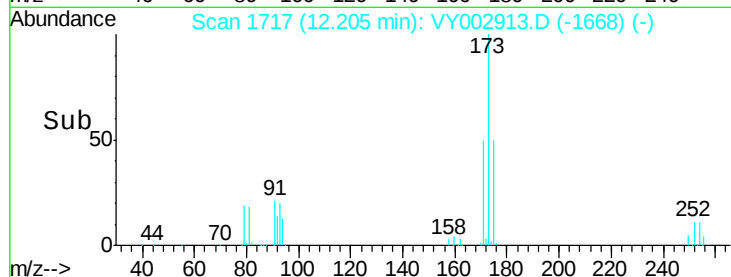
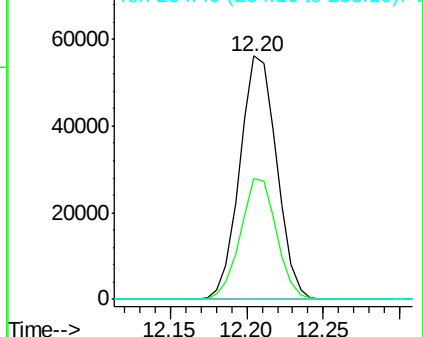
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

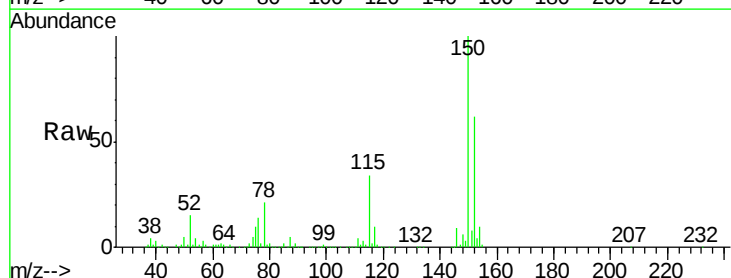
Tgt Ion:152 Resp: 204767

Ion Ratio Lower Upper

152 100

115 53.7 27.0 81.0

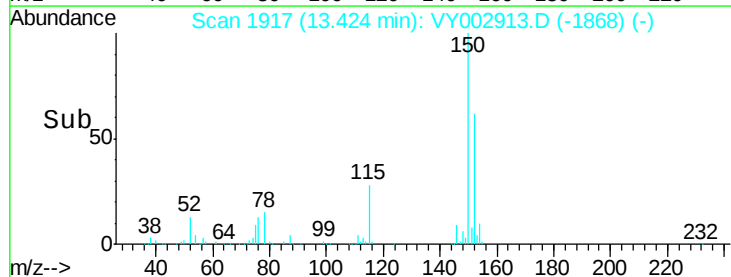
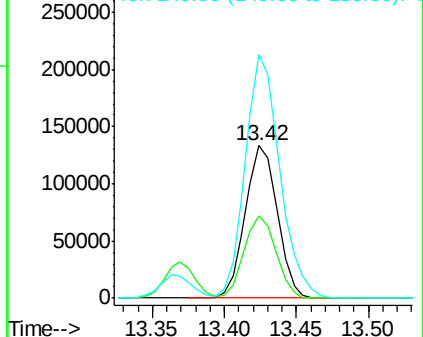
150 172.2 0.0 344.8

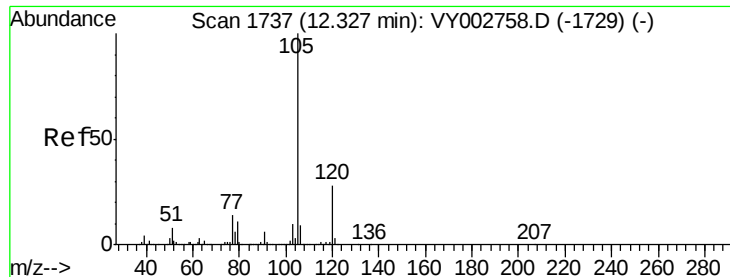


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.997 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

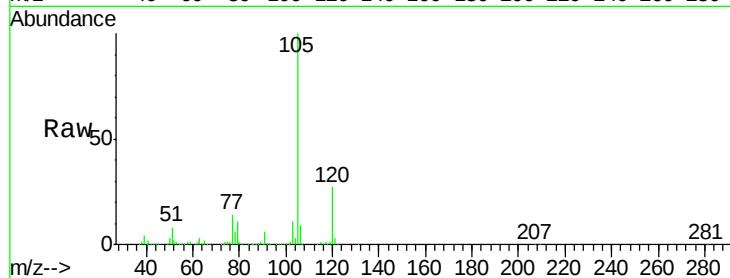
VSTDCCC050

Tot Ion:105 Resp: 629829

Ion Ratio Lower Upper

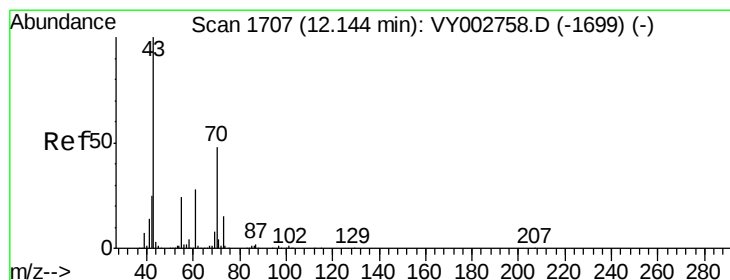
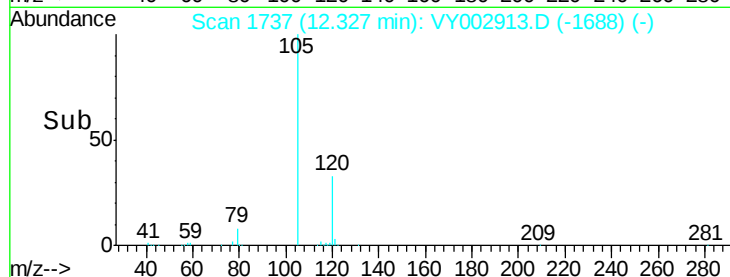
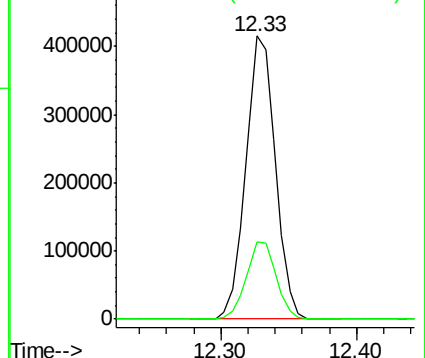
105 100

120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.372 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion: 43 Resp: 159499

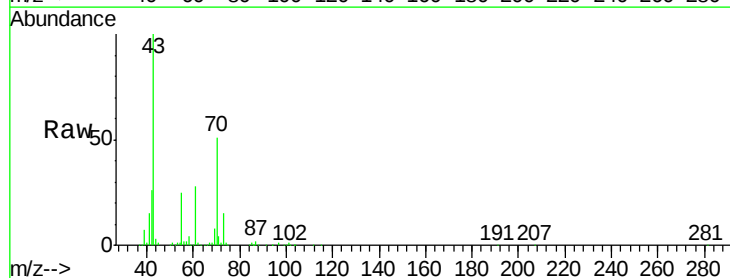
Ion Ratio Lower Upper

43 100

70 48.6 37.7 56.5

55 24.9 19.8 29.6

61 26.7 21.7 32.5

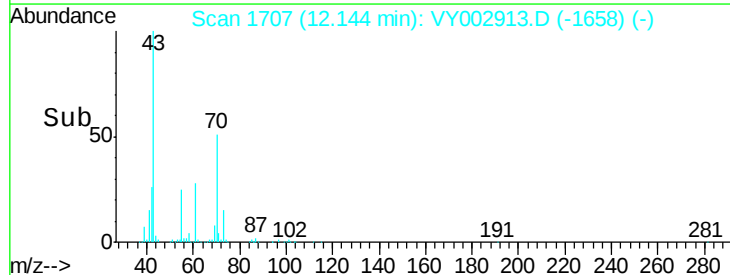
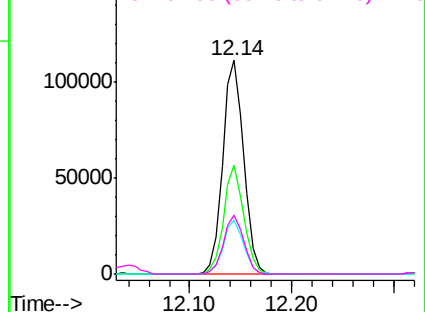


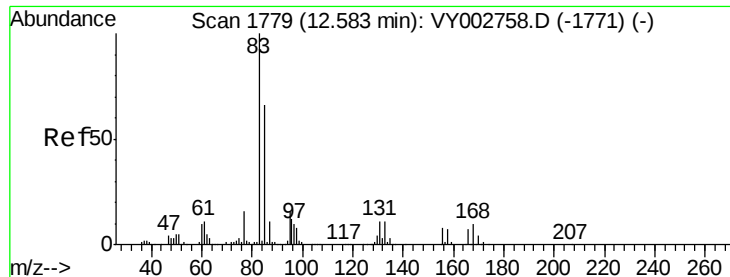
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.183 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

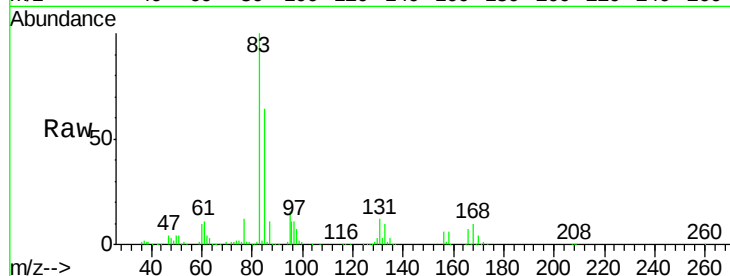
Tot Ion: 83 Resp: 115541

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.4

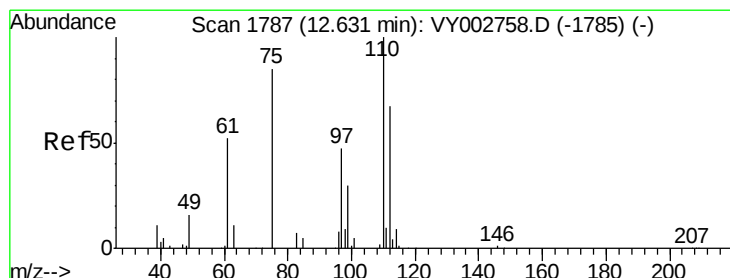
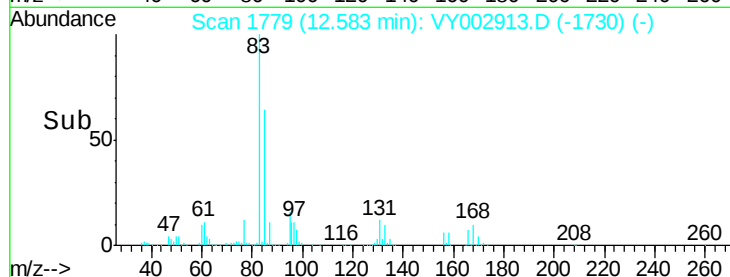
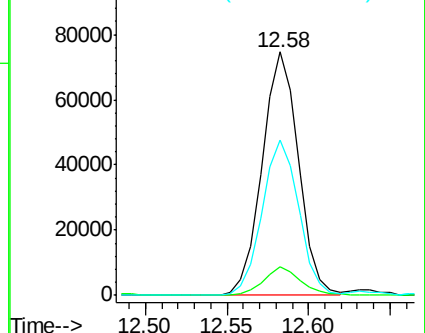
85 64.2 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002913.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002913.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002913.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 89.680 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002913.D

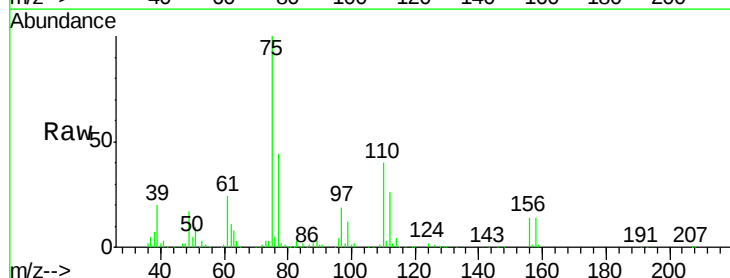
Acq: 18 Jun 2020 11:15

Tgt Ion: 75 Resp: 165467

Ion Ratio Lower Upper

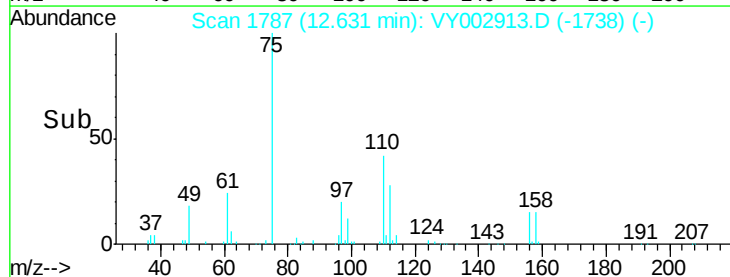
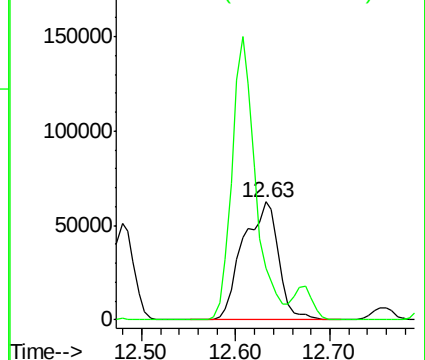
75 100

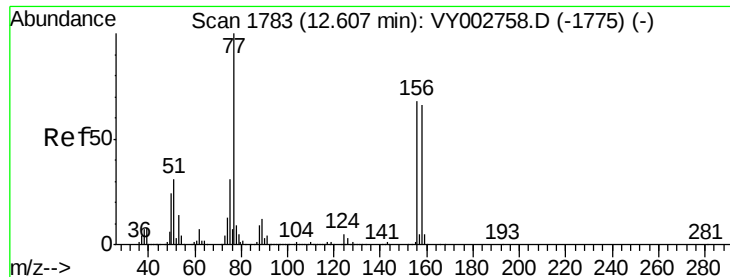
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002913.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002913.D (-1738) (-)





#77

Bromobenzene

Concen: 48.043 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

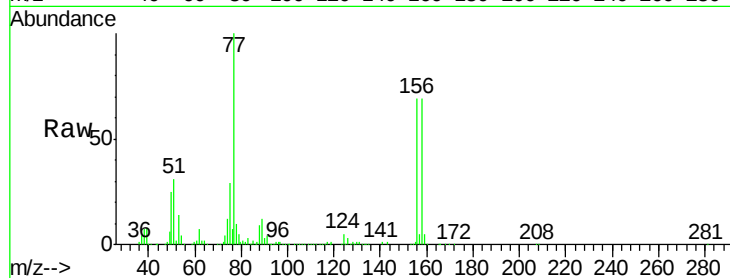
Tot Ion:156 Resp: 164157

Ion Ratio Lower Upper

156 100

77 160.3 81.4 244.2

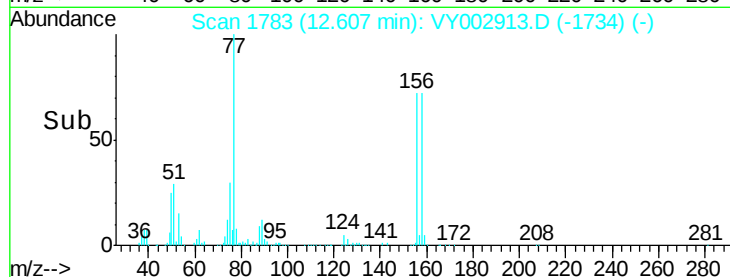
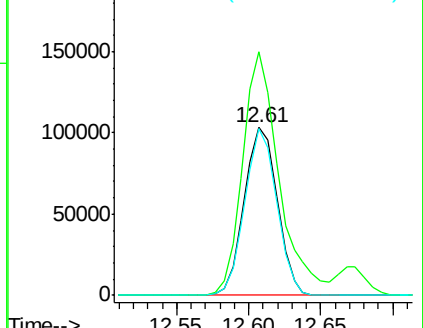
158 96.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.407 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002913.D

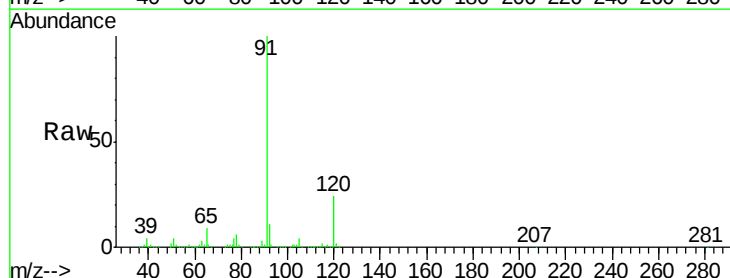
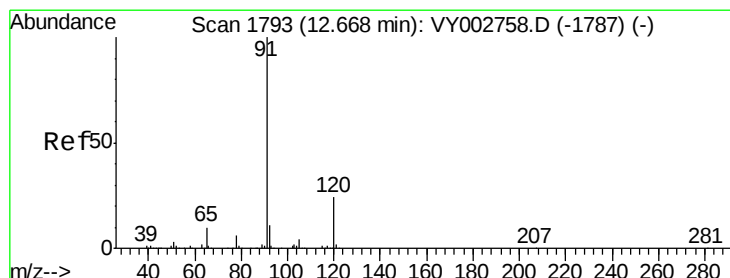
Acq: 18 Jun 2020 11:15

Tgt Ion: 91 Resp: 733751

Ion Ratio Lower Upper

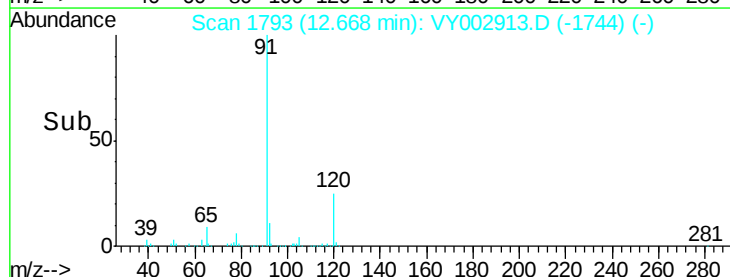
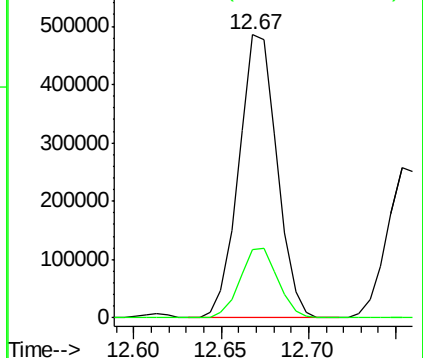
91 100

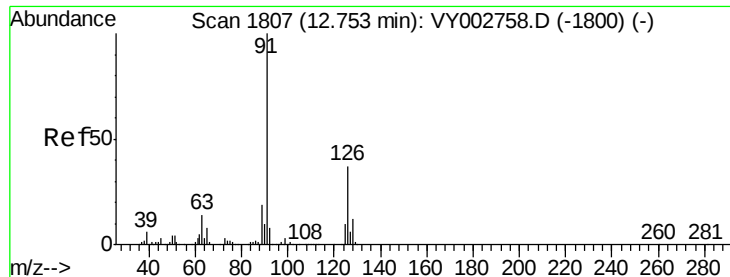
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.770 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

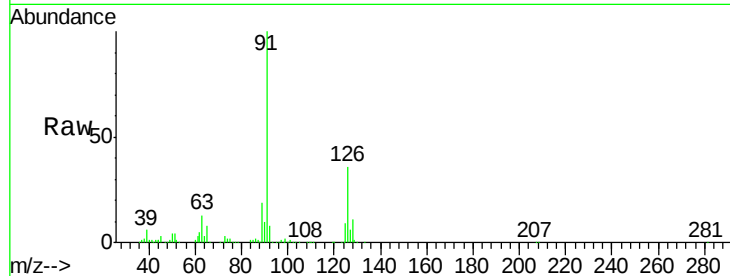
VSTDCCC050

Tot Ion: 91 Resp: 406177

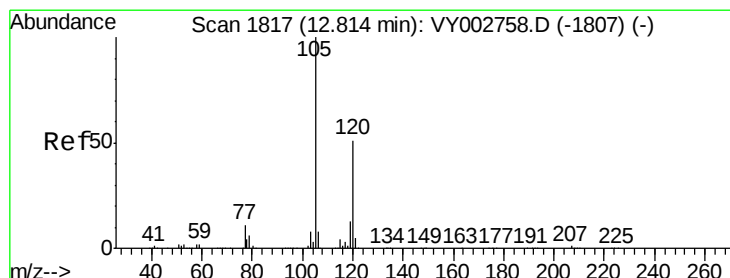
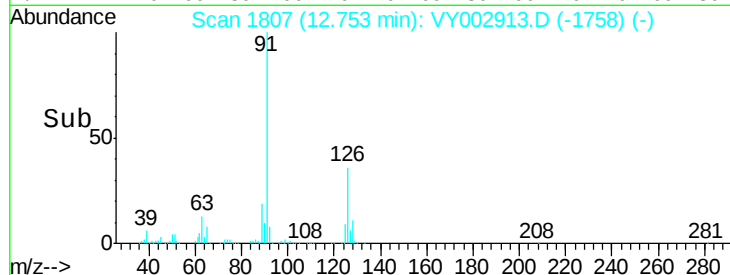
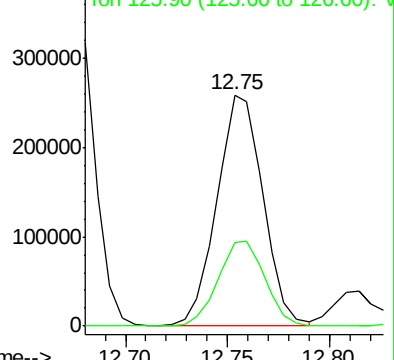
Ion Ratio Lower Upper

91 100

126 37.6 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY002913.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.805 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002913.D

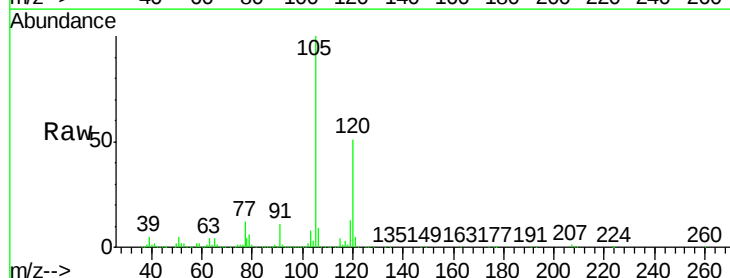
Acq: 18 Jun 2020 11:15

Tgt Ion: 105 Resp: 534733

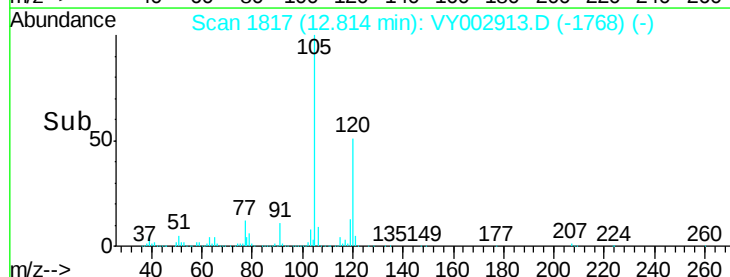
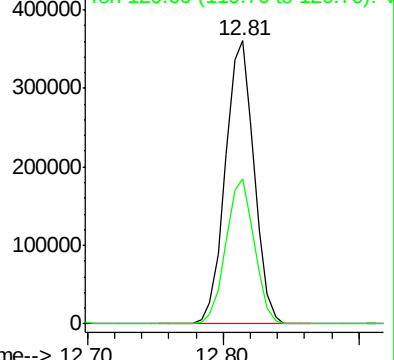
Ion Ratio Lower Upper

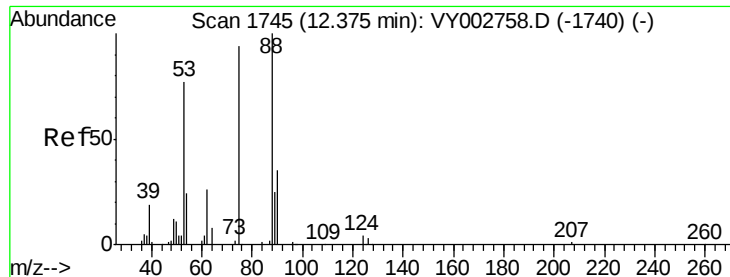
105 100

120 50.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002913.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.977 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

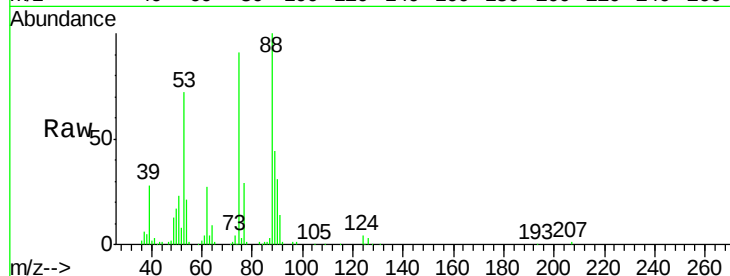
Tot Ion: 75 Resp: 47965

Ion Ratio Lower Upper

75 100

53 79.2 64.0 96.0

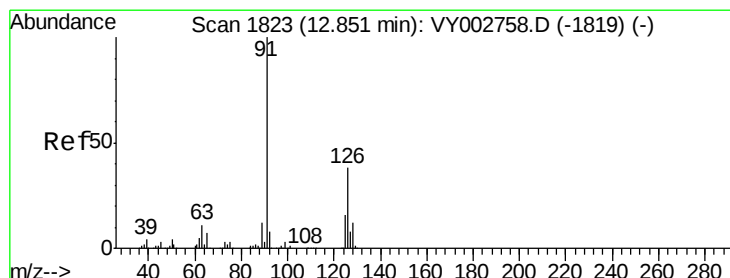
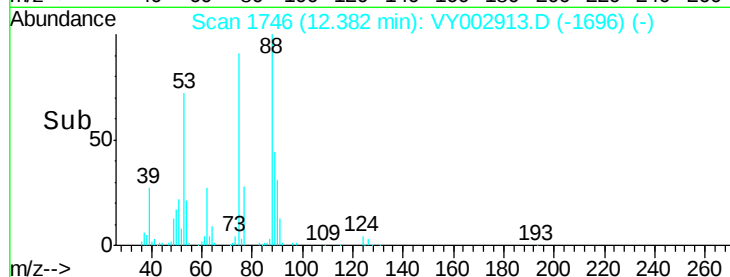
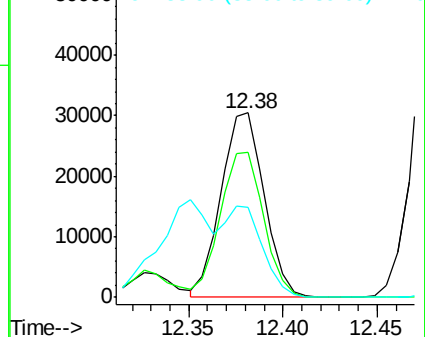
89 0.0 37.4 56.2#



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: 48.127 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002913.D

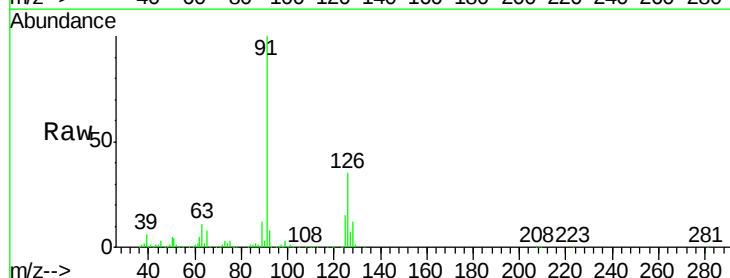
Acq: 18 Jun 2020 11:15

Tgt Ion: 91 Resp: 428736

Ion Ratio Lower Upper

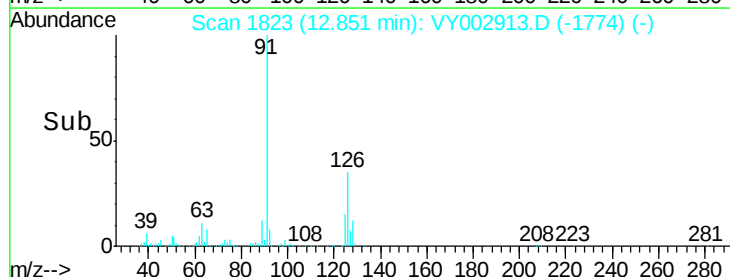
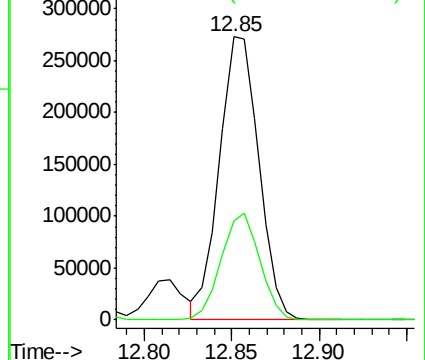
91 100

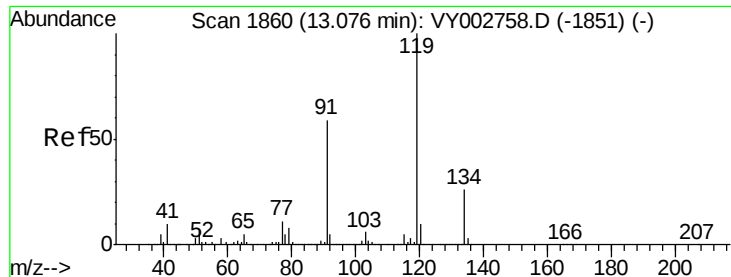
126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

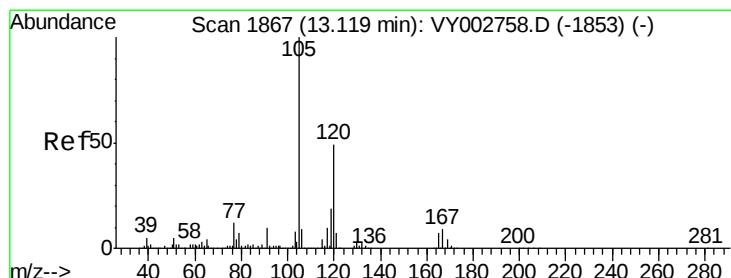
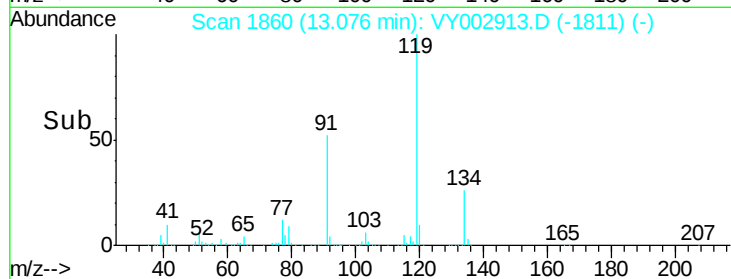
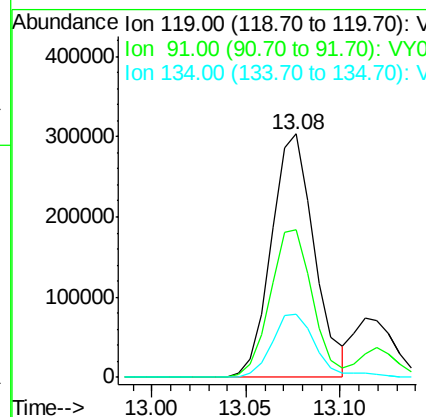
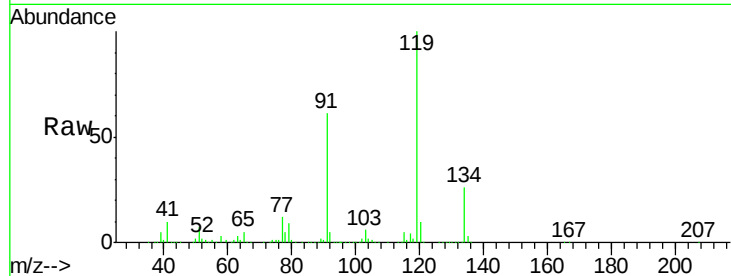




#83
tert-Butylbenzene
Concen: 49.020 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

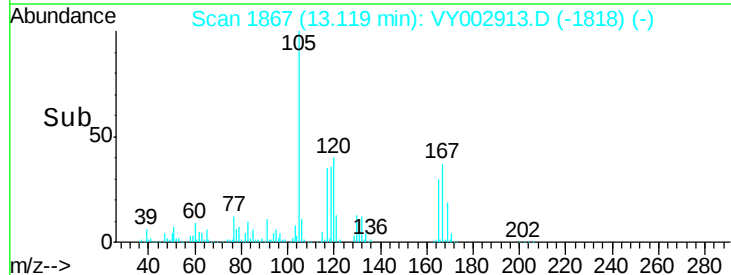
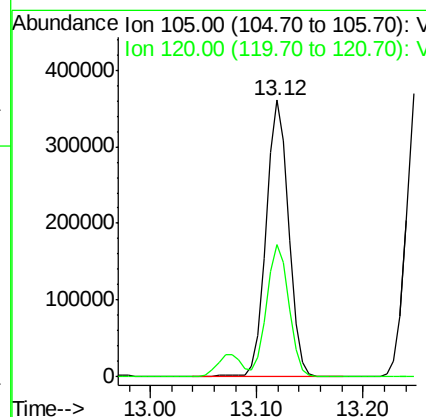
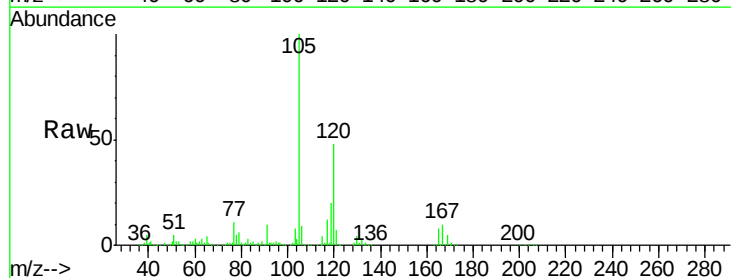
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

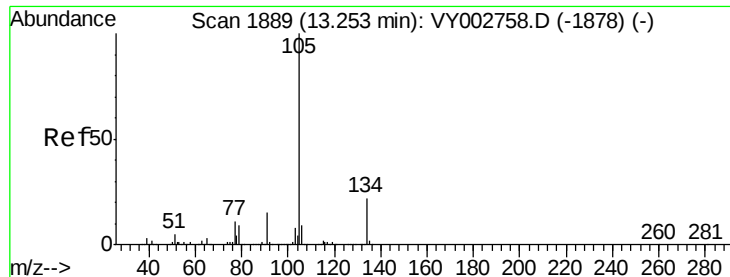
Tot Ion:119 Resp: 479090
Ion Ratio Lower Upper
119 100
91 59.8 29.8 89.4
134 26.9 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 48.686 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion:105 Resp: 536372
Ion Ratio Lower Upper
105 100
120 46.9 23.6 70.8





#85

sec-Butylbenzene

Concen: 48.772 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

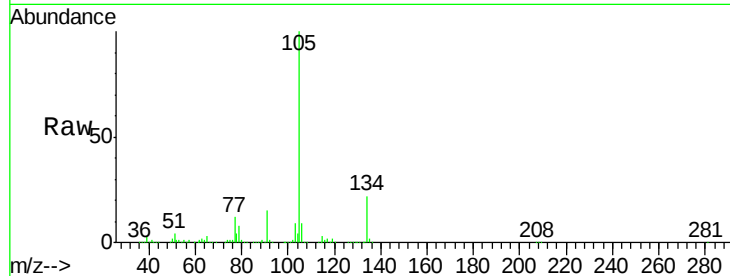
VSTDCCC050

Tot Ion:105 Resp: 651751

Ion Ratio Lower Upper

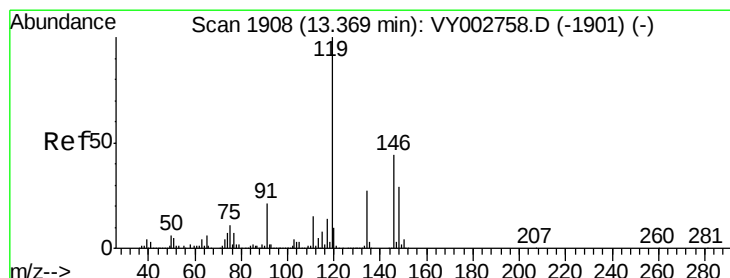
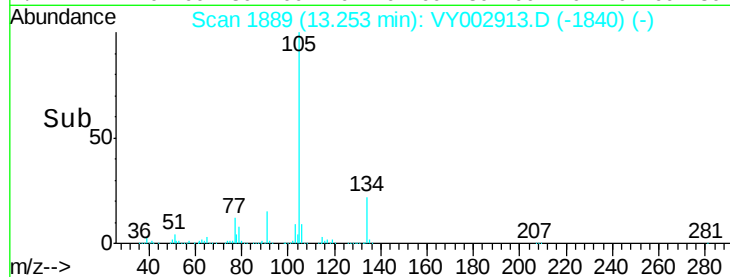
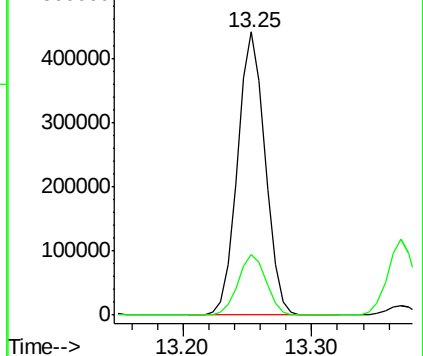
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.956 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

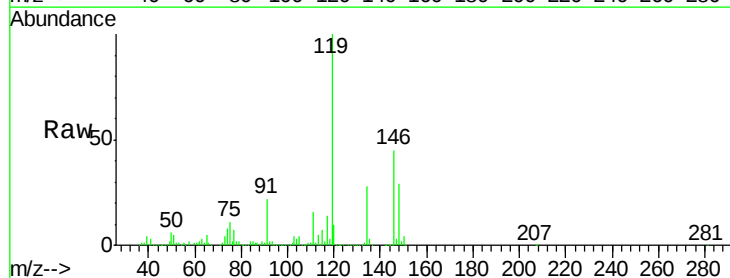
Tgt Ion:119 Resp: 621175

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

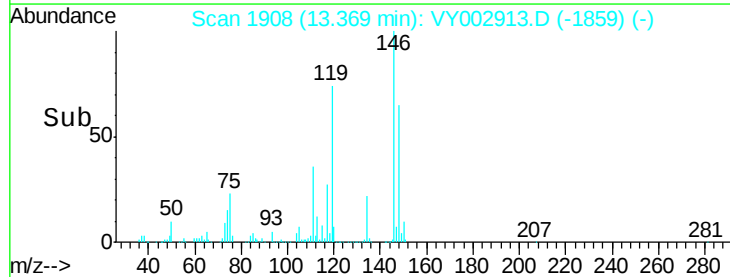
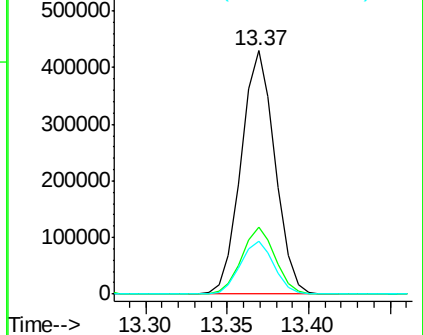
91 21.4 10.8 32.4

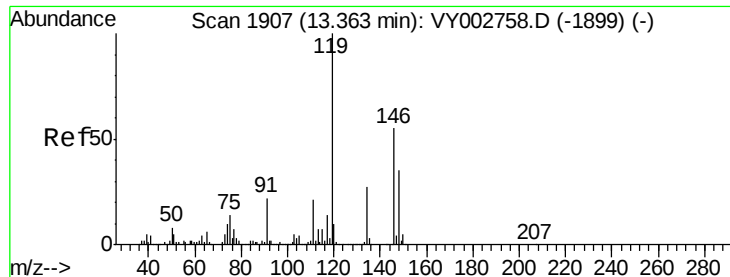


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.343 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

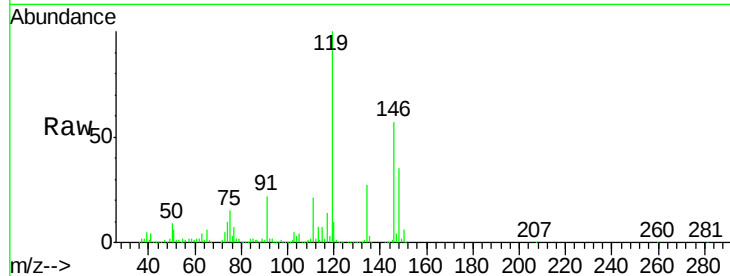
Tot Ion:146 Resp: 312887

Ion Ratio Lower Upper

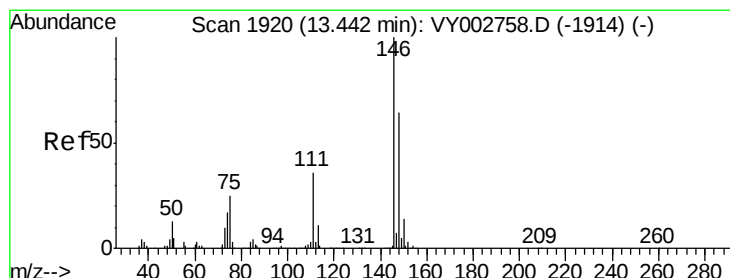
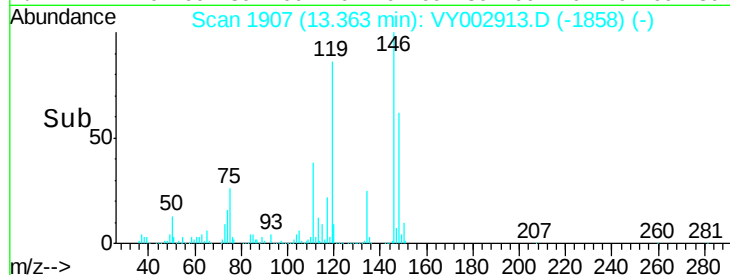
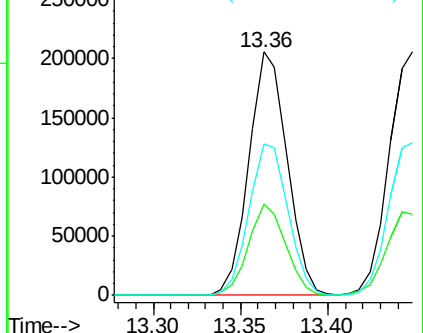
146 100

111 36.6 18.4 55.0

148 63.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.222 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

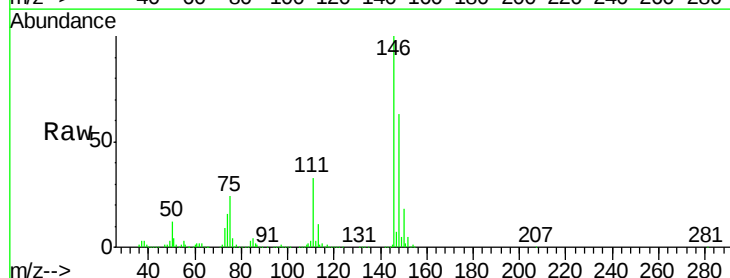
Tgt Ion:146 Resp: 312209

Ion Ratio Lower Upper

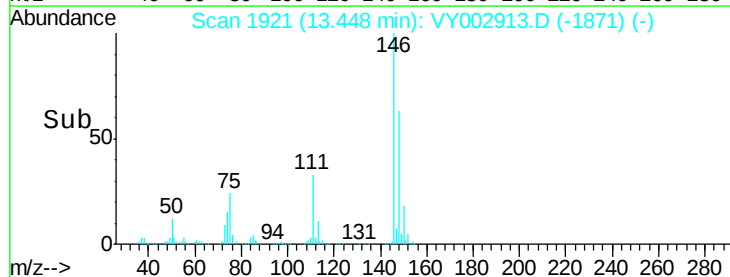
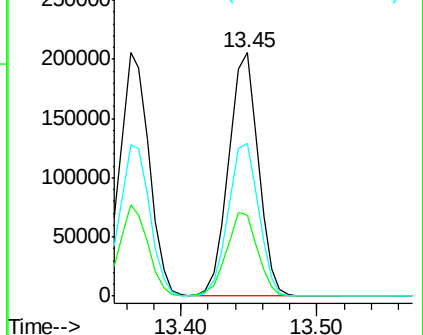
146 100

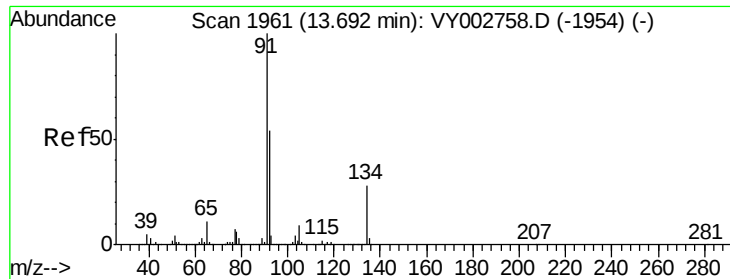
111 35.8 18.1 54.3

148 64.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.180 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

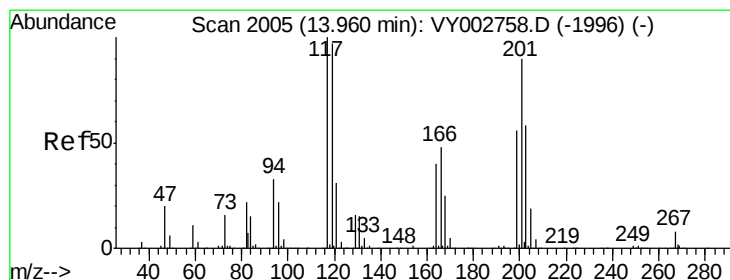
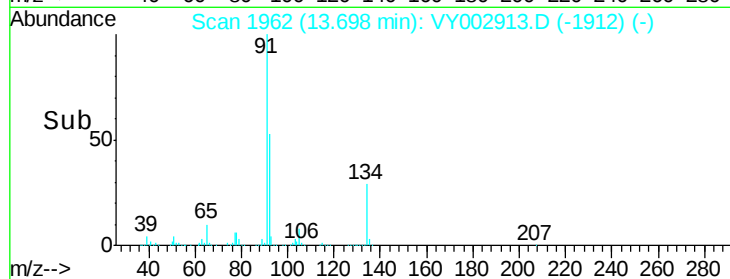
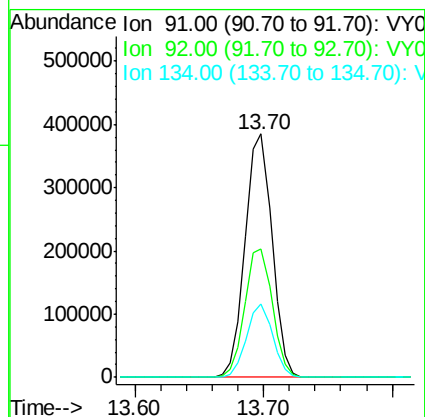
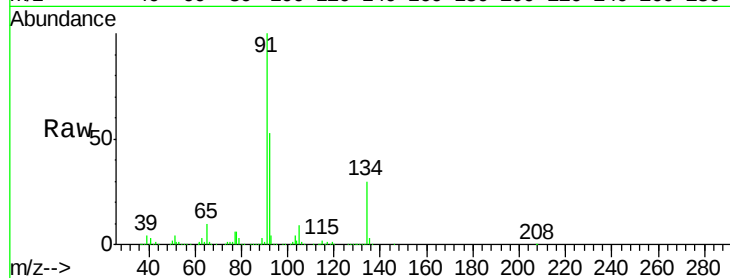
Tot Ion: 91 Resp: 555196

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

134 29.2 14.3 42.9



#90

Hexachloroethane

Concen: 49.896 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002913.D

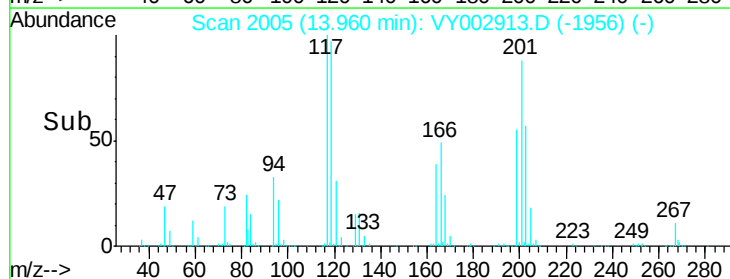
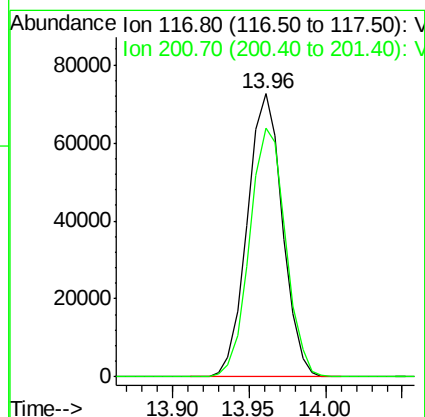
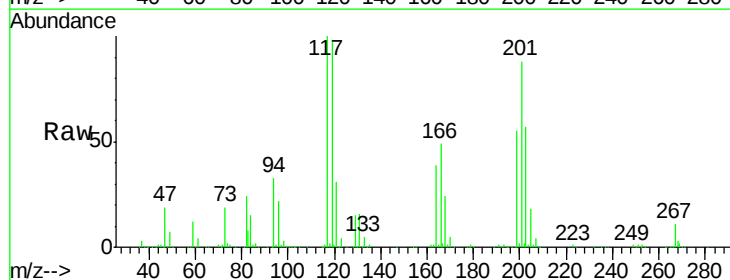
Acq: 18 Jun 2020 11:15

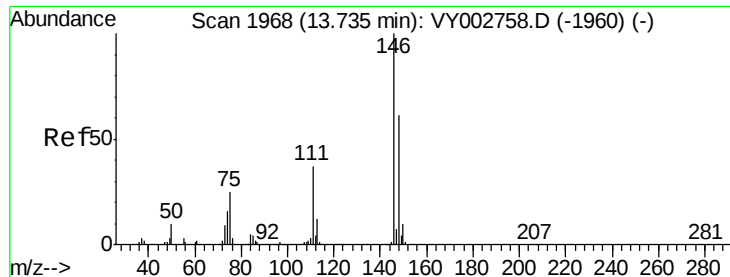
Tgt Ion: 117 Resp: 116151

Ion Ratio Lower Upper

117 100

201 89.7 43.9 131.6

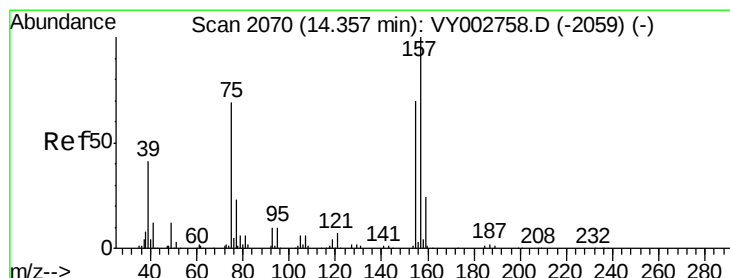
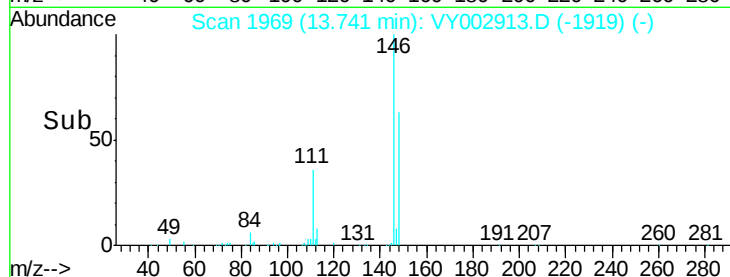
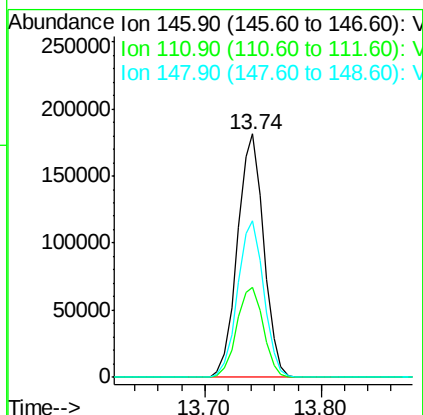
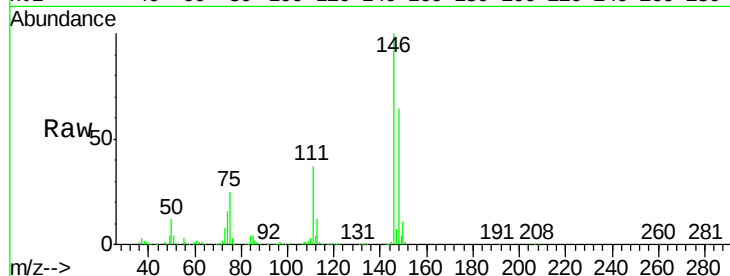




#91
 1,2-Dichlorobenzene
 Concen: 48.490 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

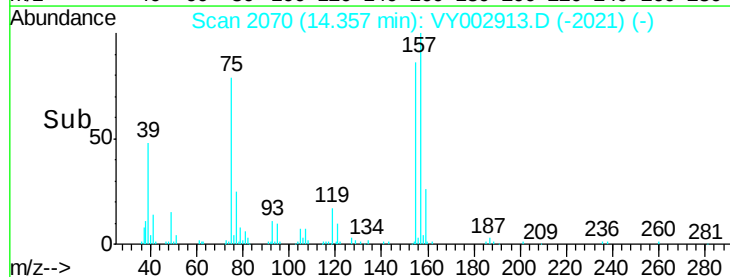
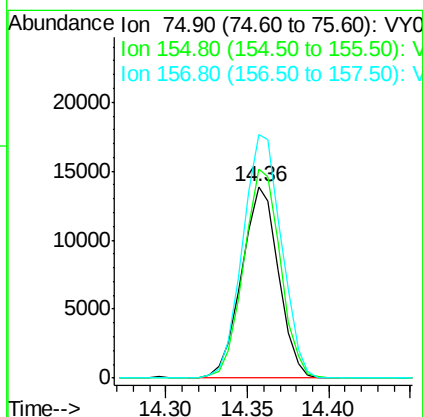
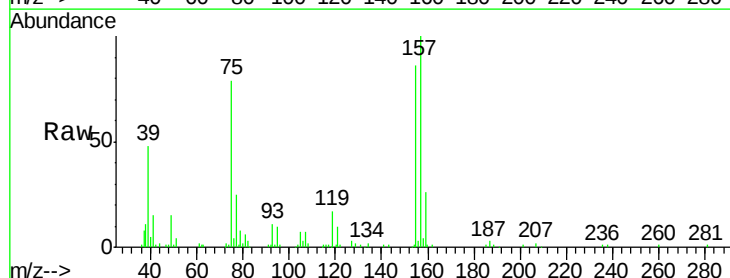
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

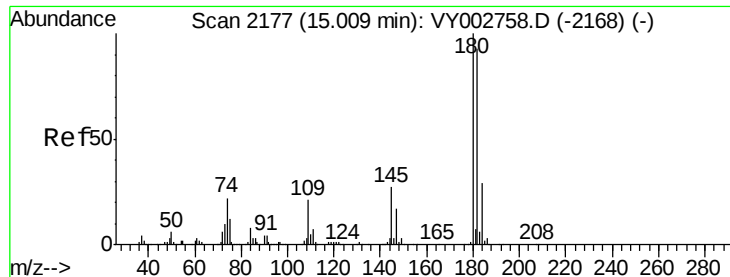
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	64.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.460 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.3	53.5	160.5
157	133.2	69.9	209.7

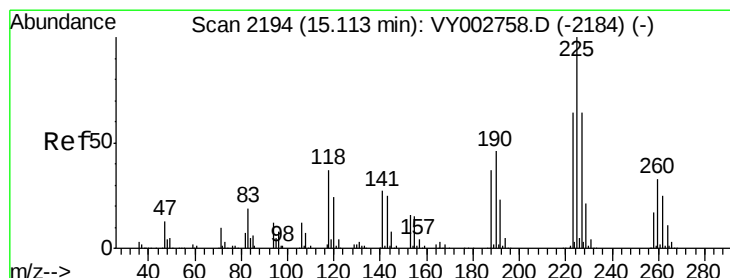
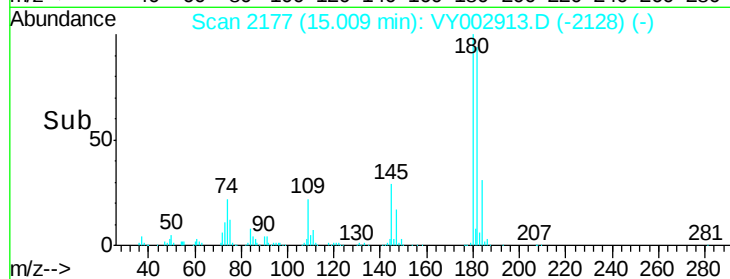
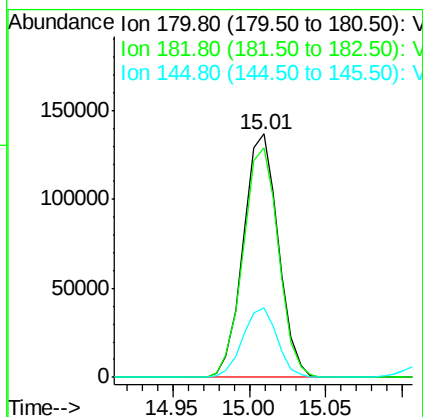
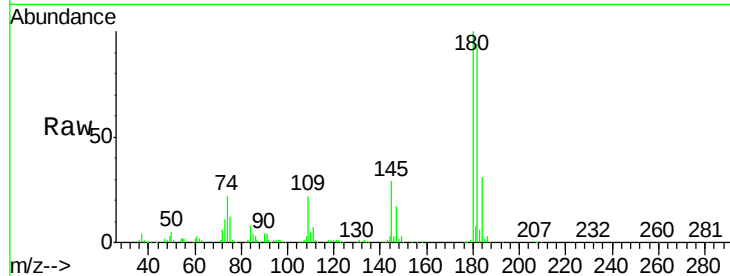




#93
 1,2,4-Trichlorobenzene
 Concen: 49.245 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

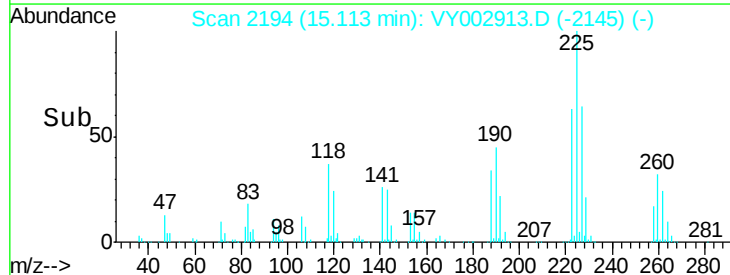
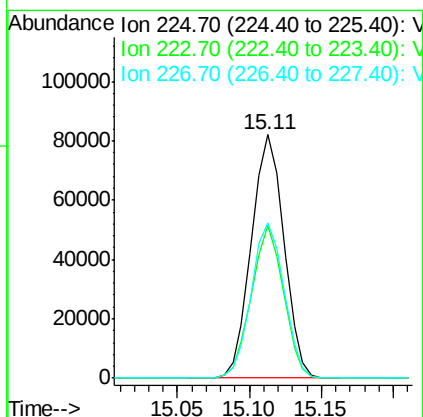
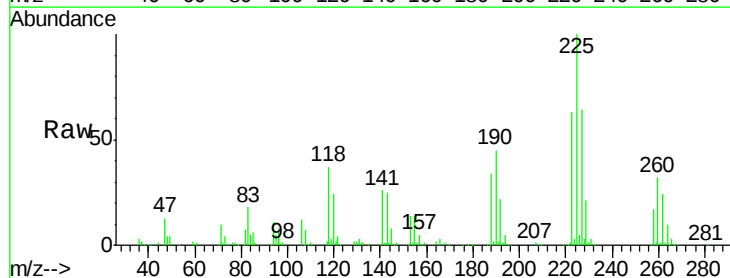
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

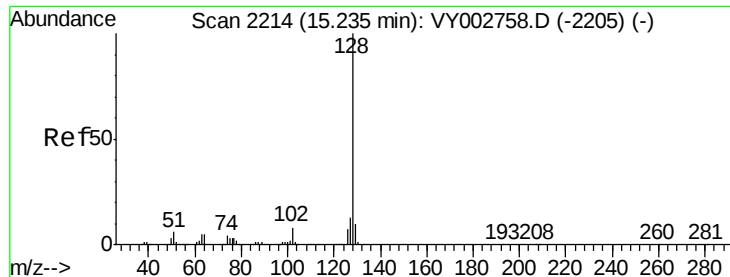
Tot Ion:180 Resp: 217871
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 141.9
 145 28.3 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 51.137 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion:225 Resp: 128321
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 95.0
 227 64.2 32.3 96.9

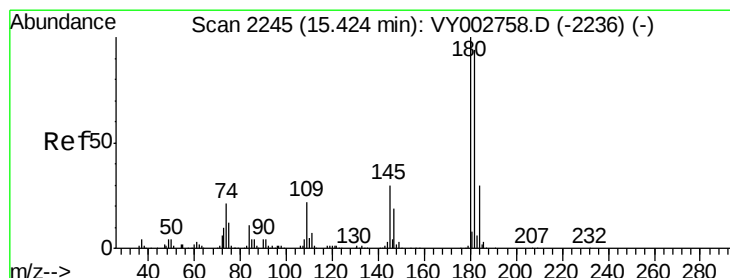
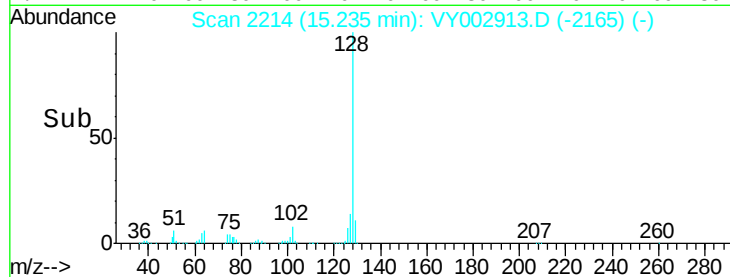
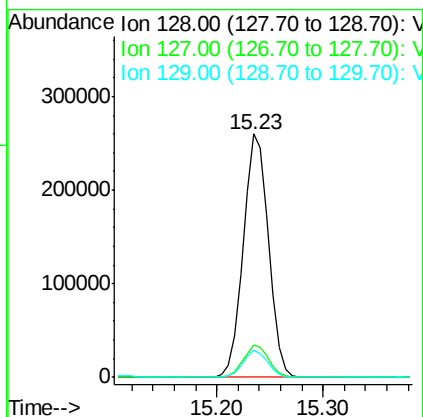
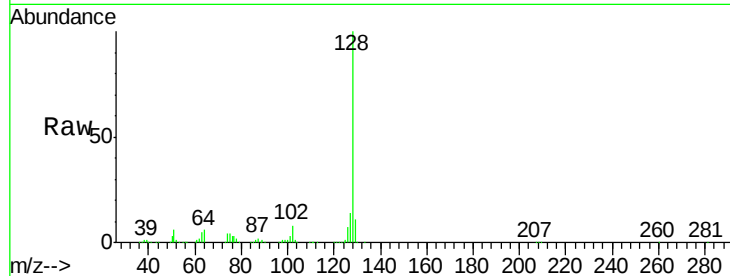




#95
Naphthalene
Concen: 48.712 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 432112
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.164 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion:180 Resp: 194238
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.4
145 29.4 15.1 45.3

