

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060320\
 Data File : VY002821.D
 Acq On : 03 Jun 2020 10:04
 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 03 12:54:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	348932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	511480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	467364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245910	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	143161	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	7.72	113	152141	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.18	98	586181	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.48	95	203248	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	105902	44.11	ug/l	98
3) Chloromethane	2.12	50	120647	45.43	ug/l	98
4) Vinyl Chloride	2.26	62	136479	48.62	ug/l	98
5) Bromomethane	2.65	94	93486	44.44	ug/l	95
6) Chloroethane	2.80	64	85952	47.24	ug/l	98
7) Trichlorofluoromethane	3.13	101	227088	45.68	ug/l	100
8) Diethyl Ether	3.54	74	85041	43.81	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	142143	48.16	ug/l	99
10) Methyl Iodide	4.10	142	196161	47.49	ug/l	99
11) Tert butyl alcohol	4.97	59	80278	246.34	ug/l	99
12) 1,1-Dichloroethene	3.88	96	138484	46.65	ug/l	99
13) Acrolein	3.74	56	106492	299.94	ug/l	100
14) Allyl chloride	4.48	41	208477	48.97	ug/l	98
15) Acrylonitrile	5.17	53	213215	243.47	ug/l	100
16) Acetone	3.96	43	211360	297.51	ug/l	98
17) Carbon Disulfide	4.20	76	402983	44.93	ug/l	98
18) Methyl Acetate	4.49	43	88101	49.41	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	385286	47.02	ug/l	100
20) Methylene Chloride	4.72	84	161010	46.38	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	153595	46.01	ug/l	96
22) Diisopropyl ether	6.13	45	430112	48.62	ug/l	96
23) Vinyl Acetate	6.07	43	1470967	251.83	ug/l	99
24) 1,1-Dichloroethane	6.02	63	248645	48.04	ug/l	99
25) 2-Butanone	6.99	43	286683	259.01	ug/l	99
26) 2,2-Dichloropropane	6.99	77	230808	46.50	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	173491	46.42	ug/l	98
28) Bromochloromethane	7.34	49	109343	51.47	ug/l	97
29) Tetrahydrofuran	7.35	42	176208	244.75	ug/l	99
30) Chloroform	7.51	83	259832	47.31	ug/l	99
31) Cyclohexane	7.79	56	230457	44.85	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	235311	45.98	ug/l	99
36) 1,1-Dichloropropene	7.92	75	201869	46.85	ug/l	99
37) Ethyl Acetate	7.08	43	118109	50.38	ug/l	99
38) Carbon Tetrachloride	7.91	117	220394	46.05	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	265291	46.71	ug/l	97
40) Benzene	8.16	78	600987	47.21	ug/l	100
41) Methacrylonitrile	7.35	41	157607	125.15	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	163656	45.87	ug/l	100
43) Isopropyl Acetate	8.27	43	218130	49.10	ug/l	99
44) Trichloroethene	8.94	130	184032	45.76	ug/l	99
45) 1,2-Dichloropropane	9.22	63	148749	48.72	ug/l	99
46) Dibromomethane	9.31	93	85798	47.32	ug/l	98
47) Bromodichloromethane	9.50	83	205679	48.12	ug/l	100
48) Methyl methacrylate	9.30	41	97729	48.73	ug/l	98
49) 1,4-Dioxane	9.30	88	26101	937.52	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	582843	247.78	ug/l	99
52) Toluene	10.24	92	386594	46.42	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	224936	48.18	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	253285	47.88	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	131507	47.37	ug/l	95
56) Ethyl methacrylate	10.51	69	180346	48.51	ug/l	99
57) 1,3-Dichloropropane	10.79	76	218527	47.86	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	478659	263.47	ug/l	98
59) 2-Hexanone	10.83	43	422698	253.26	ug/l	100
60) Dibromochloromethane	10.99	129	166613	47.34	ug/l	99
61) 1,2-Dibromoethane	11.09	107	129981	47.47	ug/l	100
64) Tetrachloroethene	10.72	164	190758	44.91	ug/l	99
65) Chlorobenzene	11.52	112	437814	47.40	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	167066	48.02	ug/l	100
67) Ethyl Benzene	11.60	91	757224	47.28	ug/l	99
68) m/p-Xylenes	11.70	106	589319	94.91	ug/l	99
69) o-Xylene	12.03	106	278339	47.49	ug/l	99
70) Styrene	12.05	104	485122	47.74	ug/l	100
71) Bromoform	12.20	173	112166	48.18	ug/l #	100
73) Isopropylbenzene	12.33	105	754489	47.88	ug/l	100
74) N-amyl acetate	12.14	43	201167	49.75	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	140270	50.73	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	206712	93.29	ug/l #	100
77) Bromobenzene	12.61	156	192881	47.01	ug/l	98
78) n-propylbenzene	12.67	91	883146	48.52	ug/l	99
79) 2-Chlorotoluene	12.75	91	486874	47.68	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	630296	47.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59700	50.76	ug/l #	73
82) 4-Chlorotoluene	12.86	91	512772	47.93	ug/l	99
83) tert-Butylbenzene	13.08	119	556915	47.45	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	630558	47.66	ug/l	100
85) sec-Butylbenzene	13.25	105	771125	48.05	ug/l	100
86) p-Isopropyltoluene	13.37	119	715189	47.89	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	365326	47.00	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	365097	46.96	ug/l	99
89) n-Butylbenzene	13.70	91	652422	48.12	ug/l	100
90) Hexachloroethane	13.96	117	134642	48.16	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	332507	47.17	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25496	47.93	ug/l	98

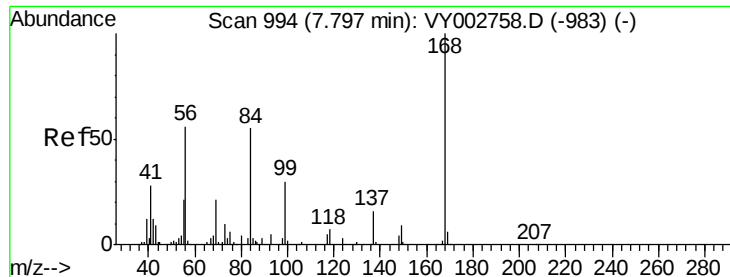
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	244003	45.92	ug/l	99
94) Hexachlorobutadiene	15.11	225	141798	47.05	ug/l	99
95) Naphthalene	15.24	128	485377	45.56	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	214974	45.31	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

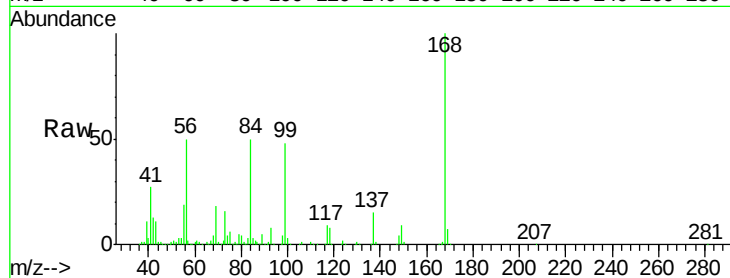
VSTDCCC050

Tgt Ion:168 Resp: 348932

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.4



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

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

7.80

150000

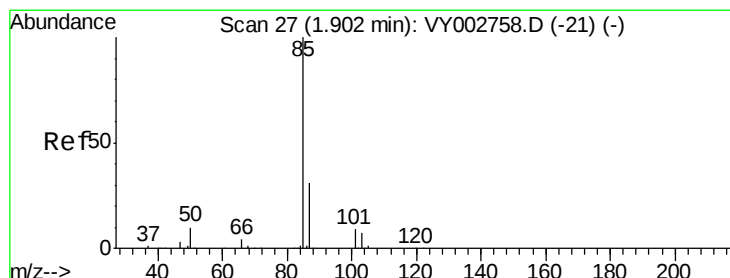
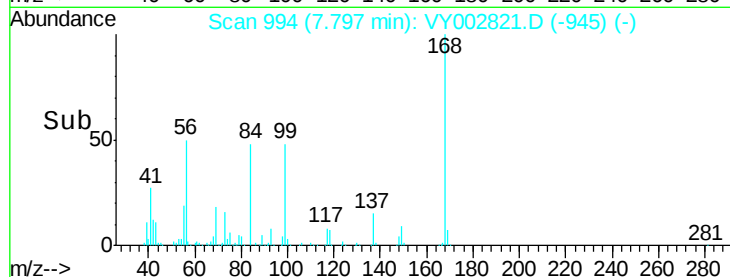
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.11 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002821.D

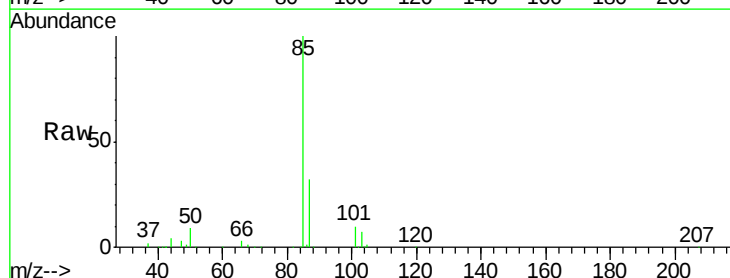
Acq: 03 Jun 2020 10:04

Tgt Ion: 85 Resp: 105902

Ion Ratio Lower Upper

85 100

87 32.0 15.5 46.5



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

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

1.91

80000

60000

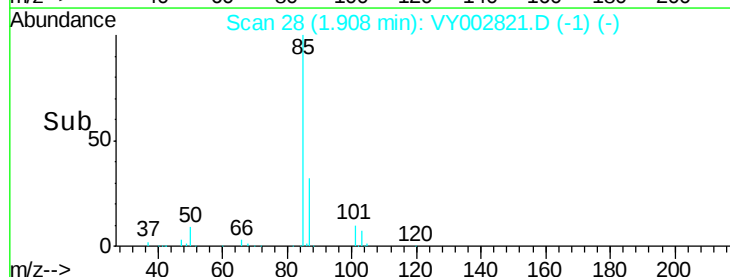
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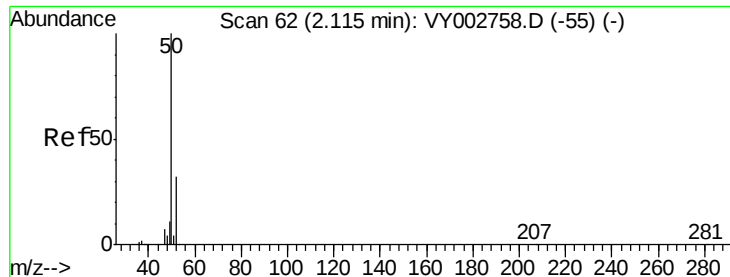
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.43 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

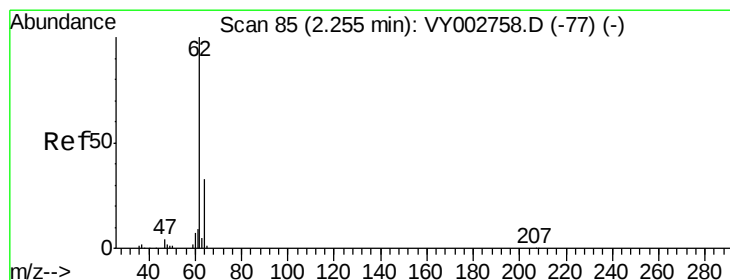
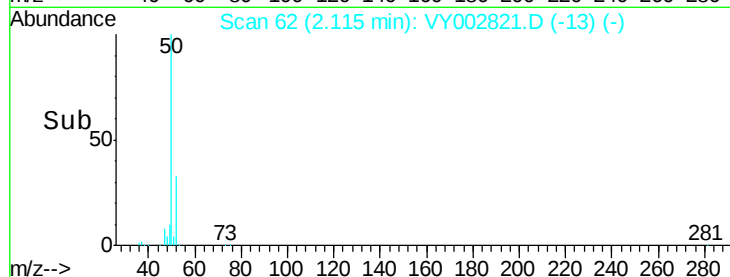
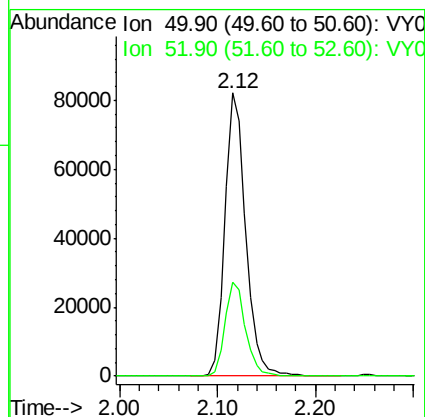
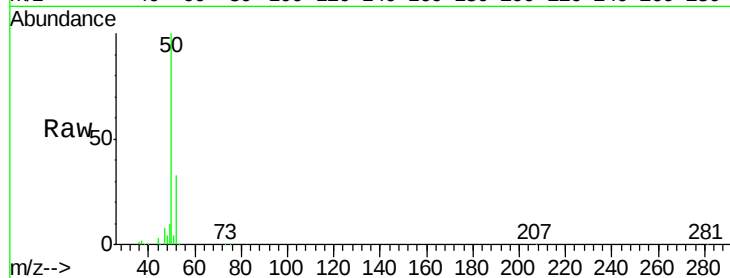
VSTDCCC050

Tgt Ion: 50 Resp: 120647

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.6



#4

Vinyl Chloride

Concen: 48.62 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002821.D

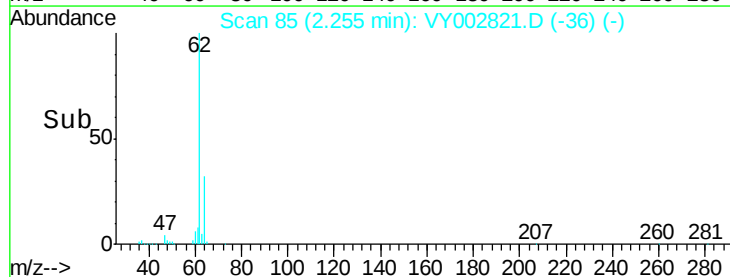
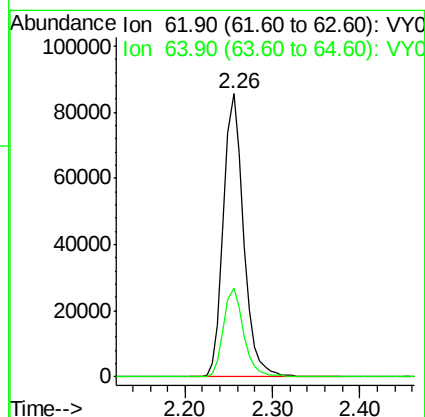
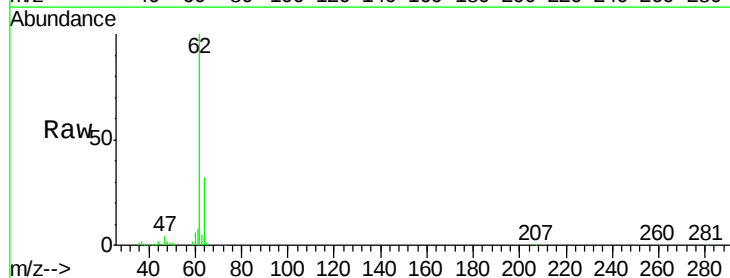
Acq: 03 Jun 2020 10:04

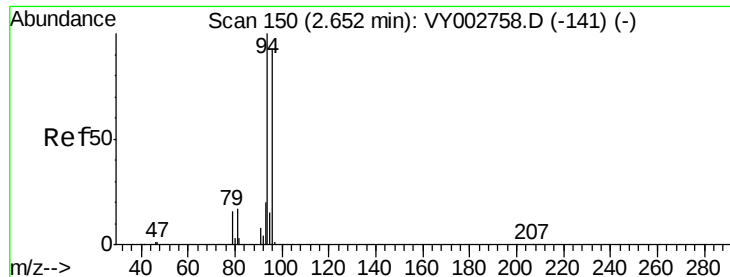
Tgt Ion: 62 Resp: 136479

Ion Ratio Lower Upper

62 100

64 31.6 26.1 39.1





#5

Bromomethane

Concen: 44.44 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

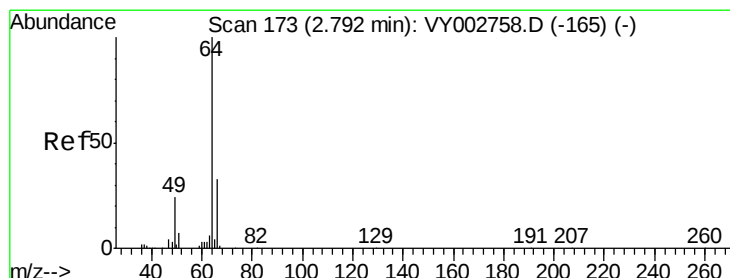
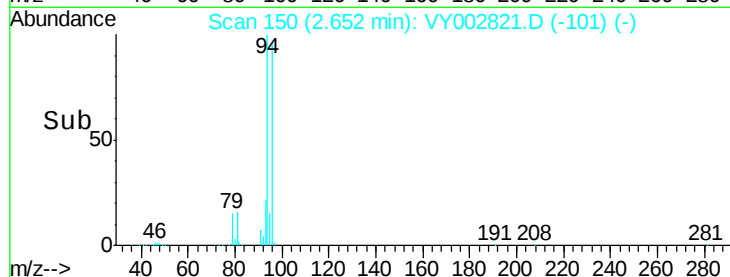
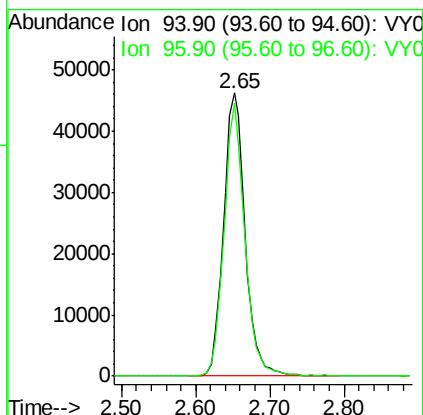
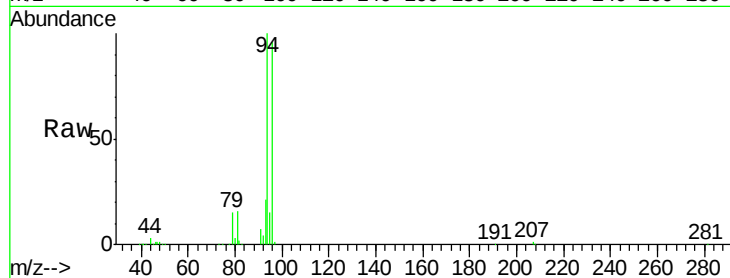
VSTDCCC050

Tgt Ion: 94 Resp: 93486

Ion Ratio Lower Upper

94 100

96 96.4 73.7 110.5



#6

Chloroethane

Concen: 47.24 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002821.D

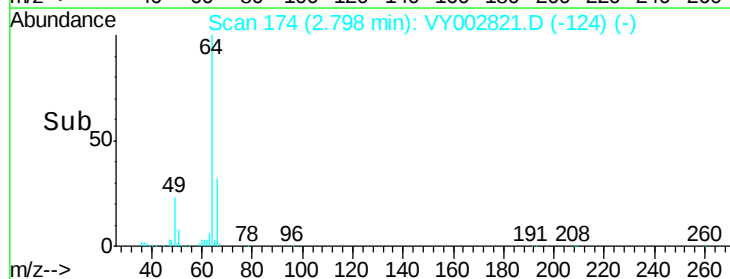
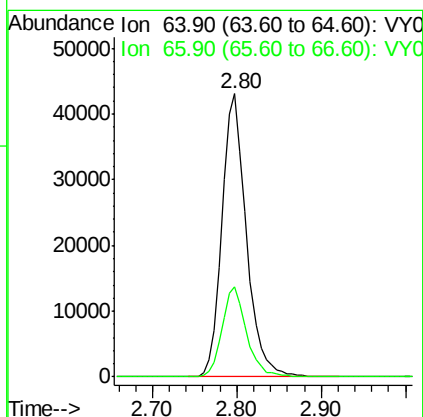
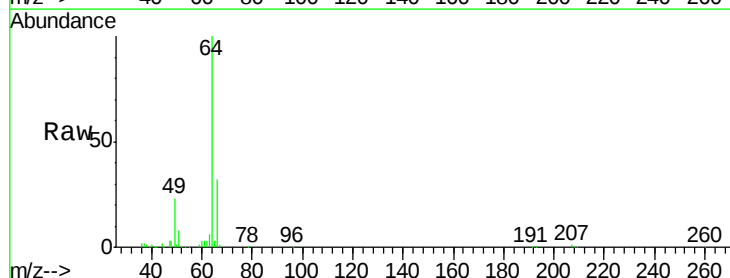
Acq: 03 Jun 2020 10:04

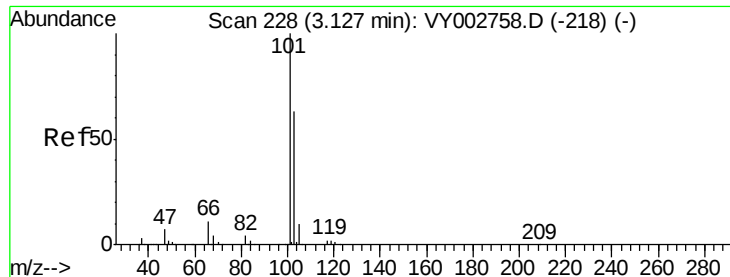
Tgt Ion: 64 Resp: 85952

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6



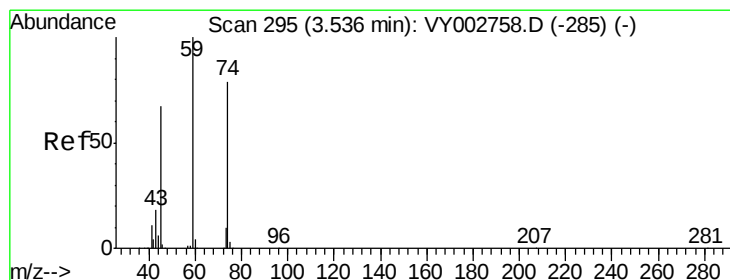
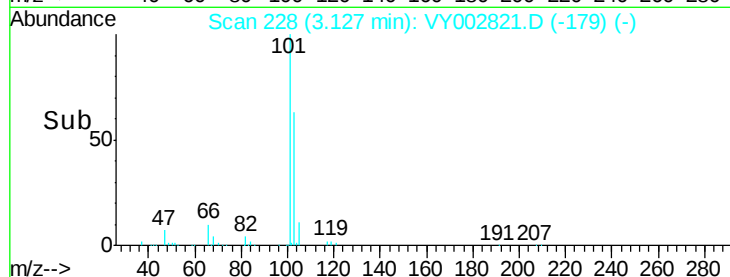
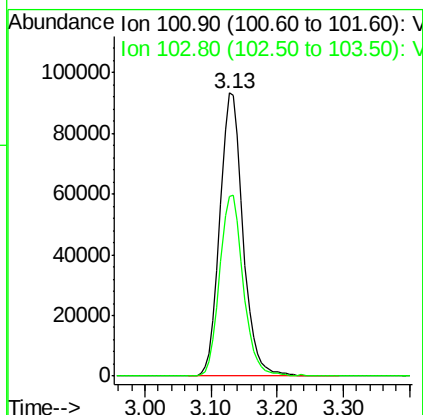
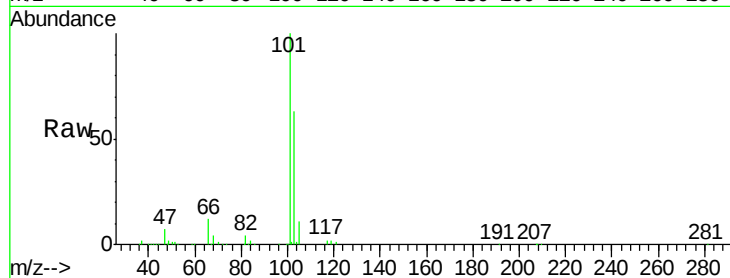


#7

Trichlorofluoromethane
Concen: 45.68 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

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MSVOA_Y
ClientSampleId :
VSTDCCC050

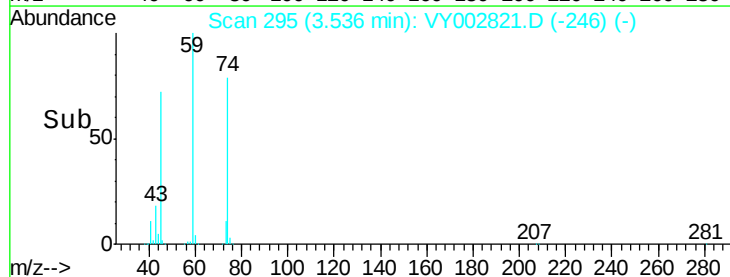
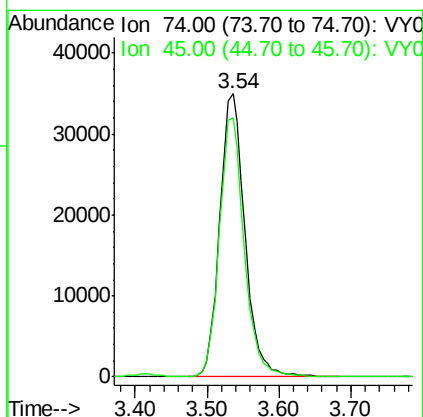
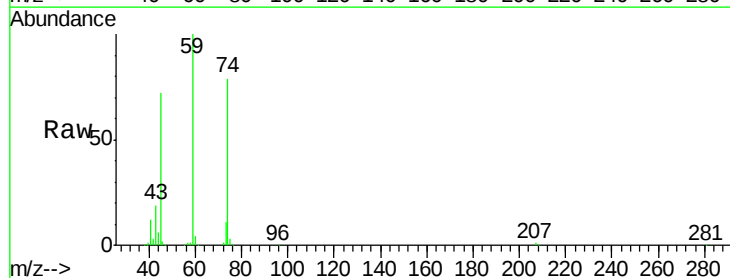
Tgt Ion: 101 Resp: 227088
Ion Ratio Lower Upper
101 100
103 63.4 50.6 76.0

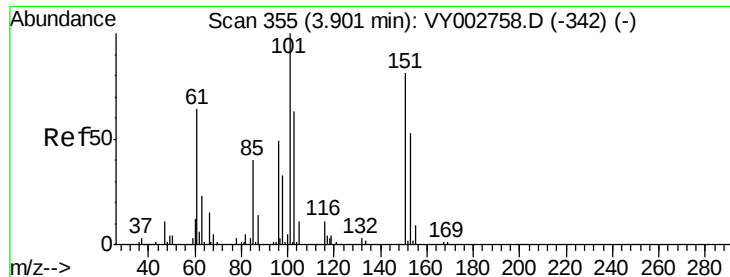


#8

Diethyl Ether
Concen: 43.81 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 74 Resp: 85041
Ion Ratio Lower Upper
74 100
45 90.5 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.16 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

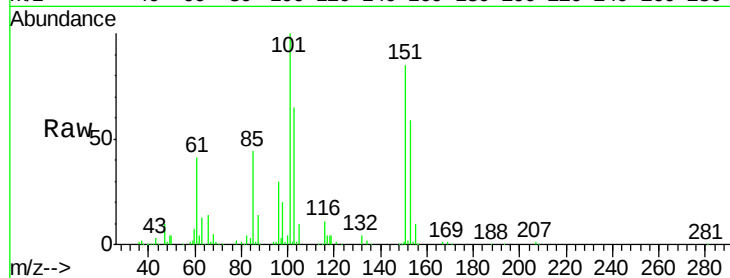
Tgt Ion:101 Resp: 142143

Ion Ratio Lower Upper

101 100

85 42.0 32.7 49.1

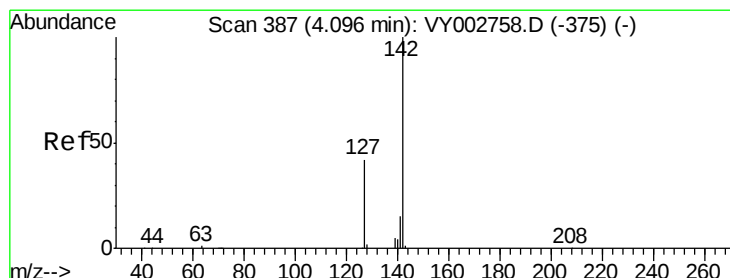
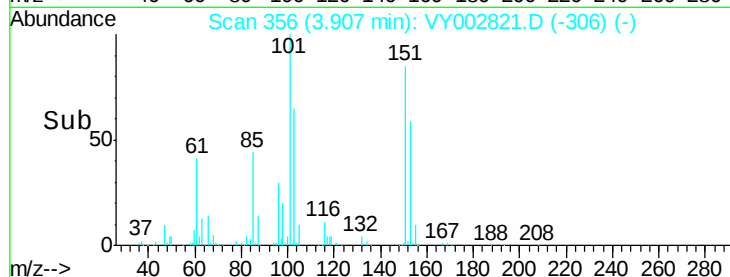
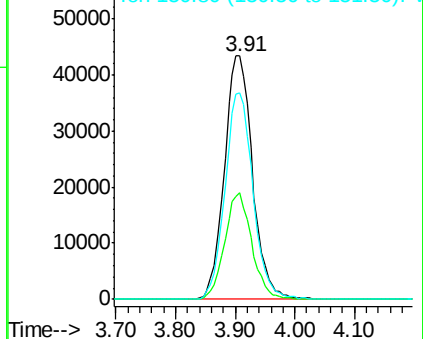
151 84.6 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.49 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

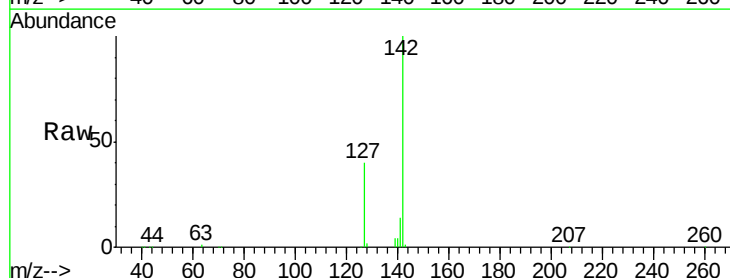
Tgt Ion:142 Resp: 196161

Ion Ratio Lower Upper

142 100

127 40.5 33.3 49.9

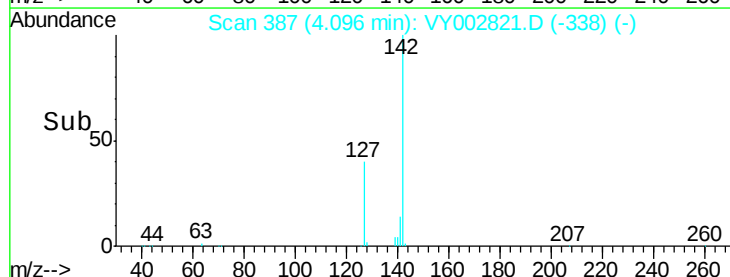
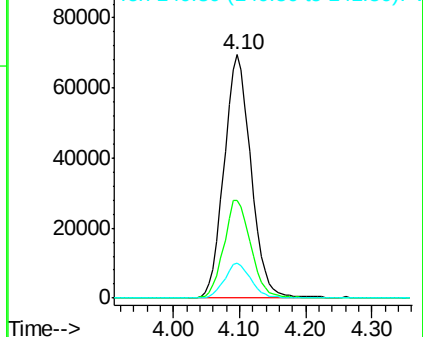
141 14.1 11.5 17.3

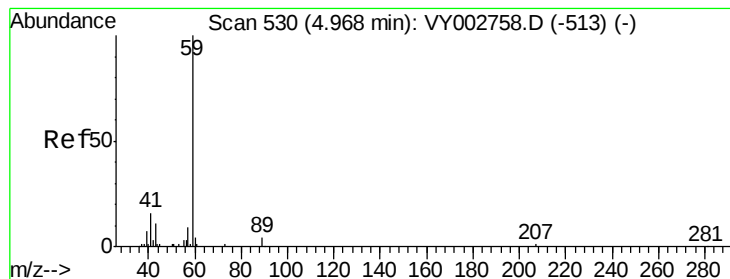


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 246.34 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

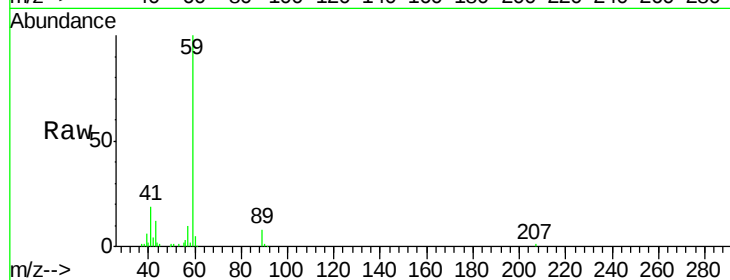
VSTDCCC050

Tgt Ion: 59 Resp: 80278

Ion Ratio Lower Upper

59 100

57 9.2 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

20000

15000

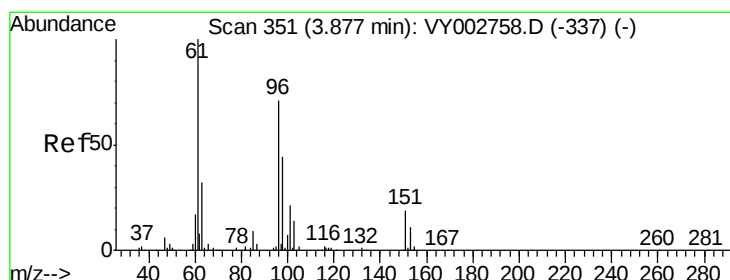
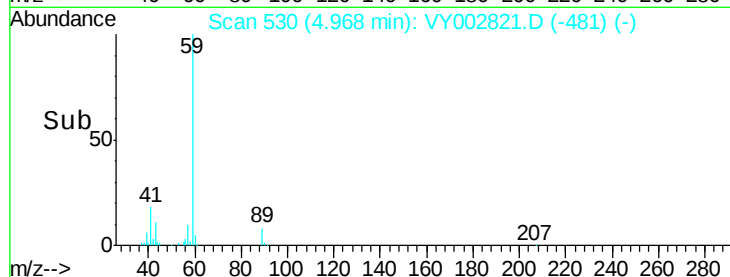
10000

5000

0

4.80 4.90 5.00 5.10

Time-->



#12

1,1-Dichloroethene

Concen: 46.65 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

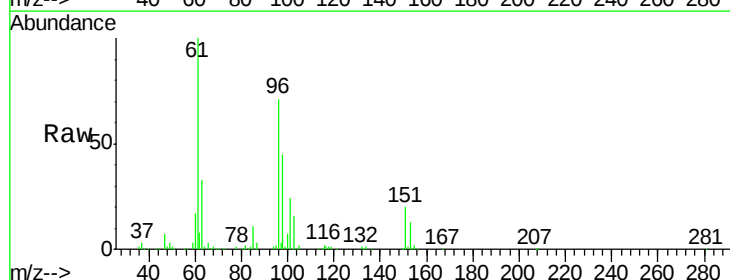
Tgt Ion: 96 Resp: 138484

Ion Ratio Lower Upper

96 100

61 141.8 112.6 168.8

98 63.7 50.0 75.0



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

100000

80000

60000

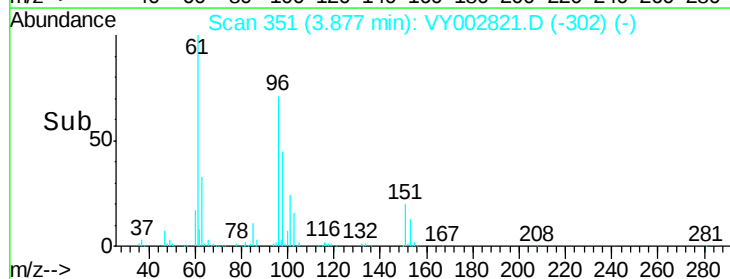
40000

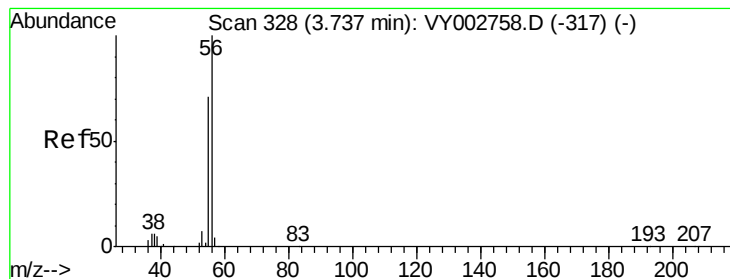
20000

0

3.80 3.90 4.00

Time-->





#13

Acrolein

Concen: 299.94 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

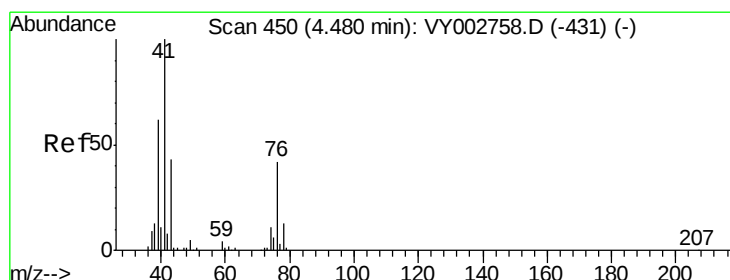
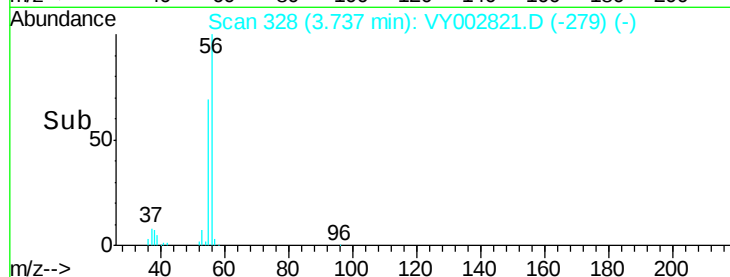
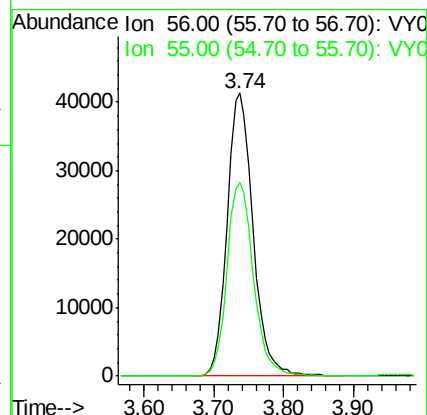
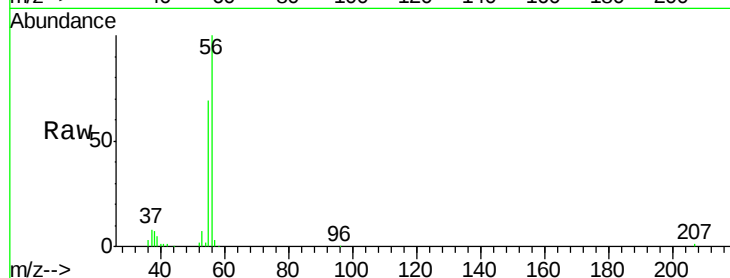
VSTDCCC050

Tgt Ion: 56 Resp: 106492

Ion Ratio Lower Upper

56 100

55 69.7 56.0 84.0



#14

Allyl chloride

Concen: 48.97 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

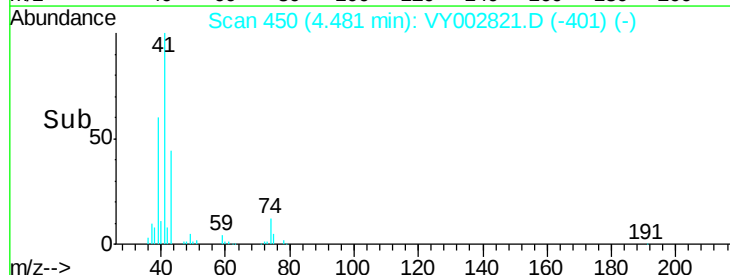
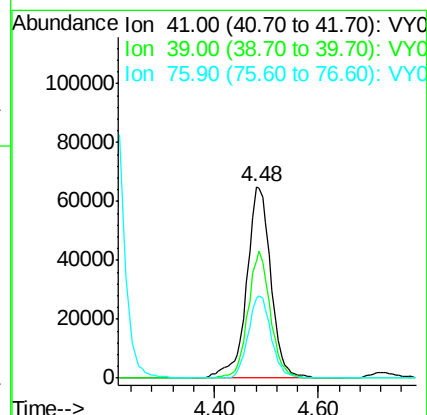
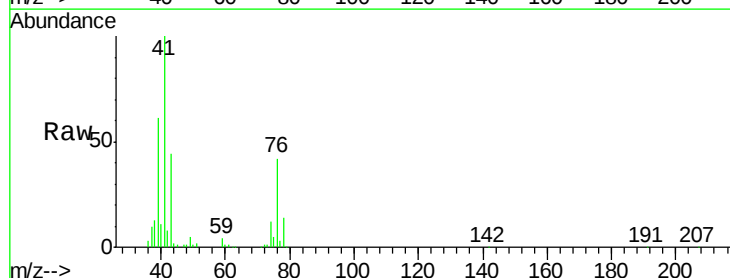
Tgt Ion: 41 Resp: 208477

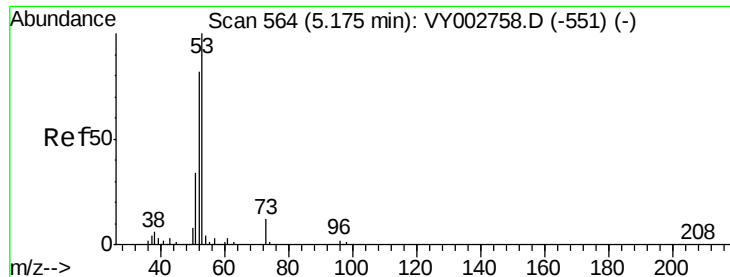
Ion Ratio Lower Upper

41 100

39 61.1 49.9 74.9

76 40.4 33.2 49.8





#15

Acrylonitrile

Concen: 243.47 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

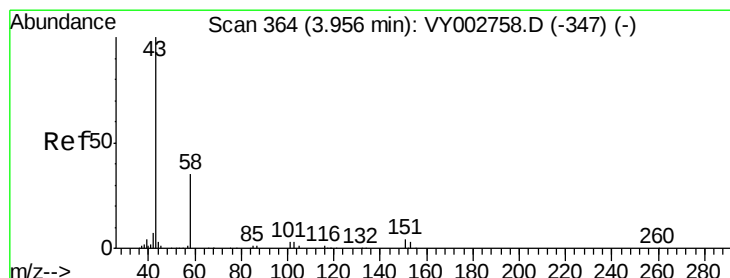
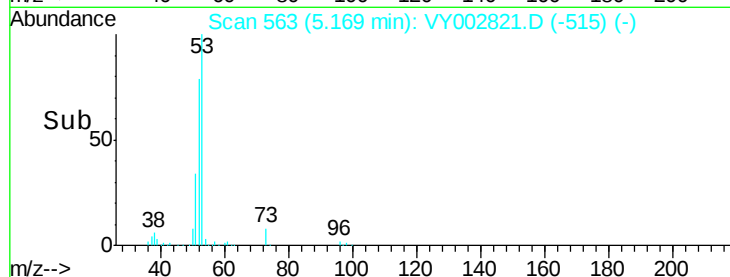
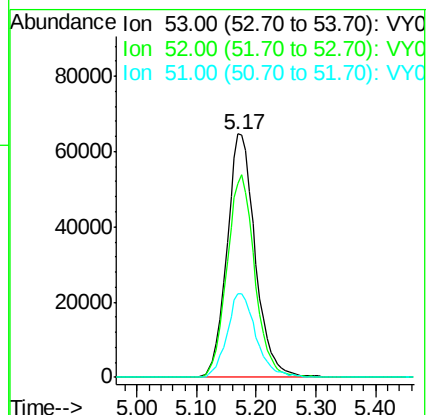
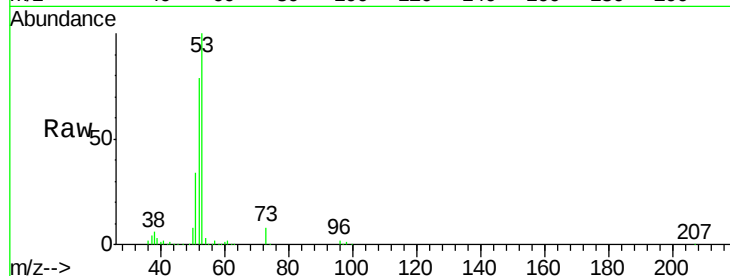
Tgt Ion: 53 Resp: 213215

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

51 35.1 28.0 42.0



#16

Acetone

Concen: 297.51 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002821.D

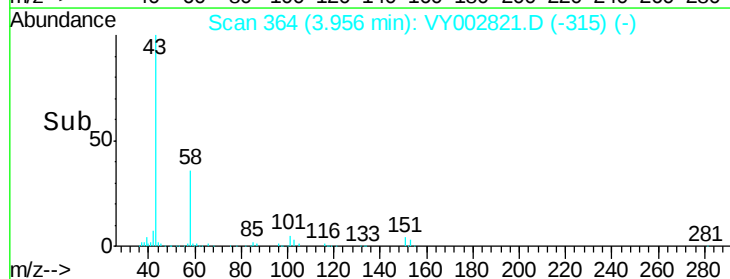
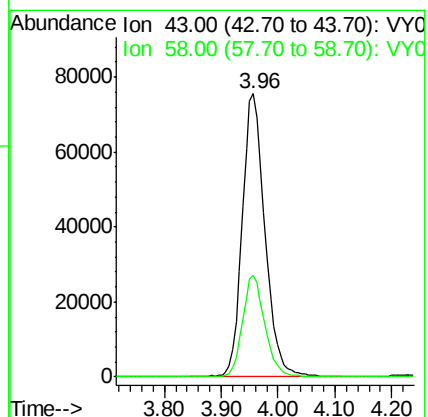
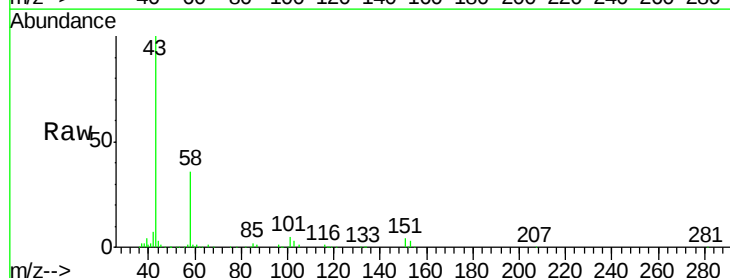
Acq: 03 Jun 2020 10:04

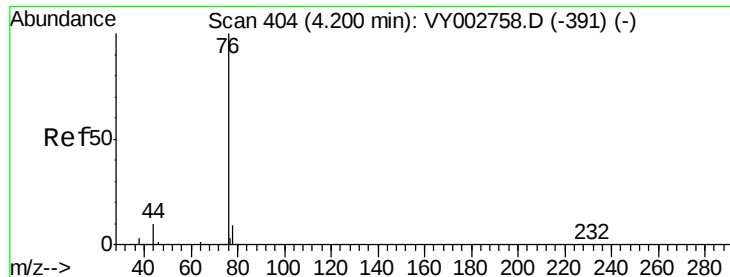
Tgt Ion: 43 Resp: 211360

Ion Ratio Lower Upper

43 100

58 35.9 27.7 41.5

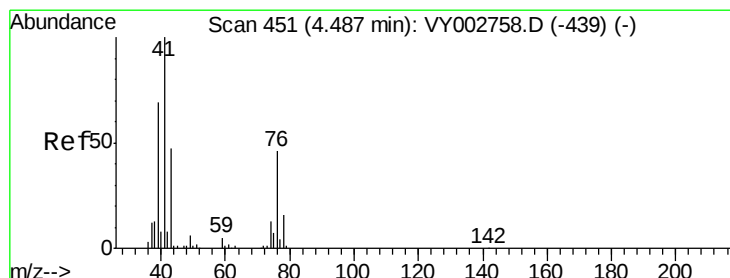
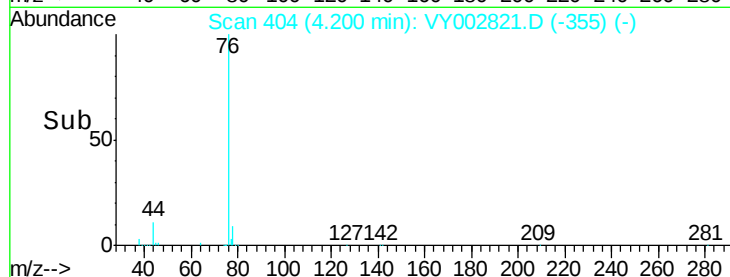
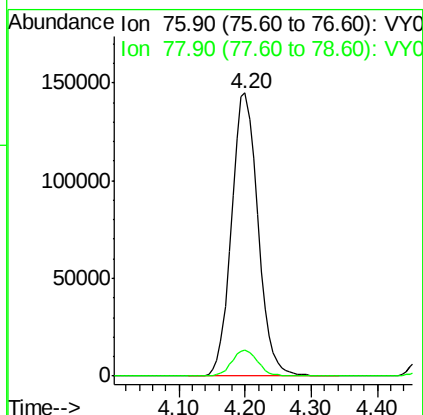
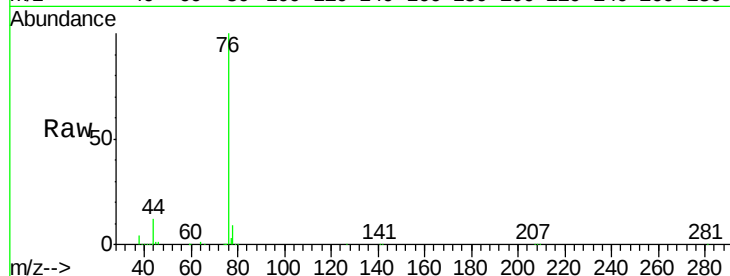




#17
Carbon Disulfide
Concen: 44.93 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

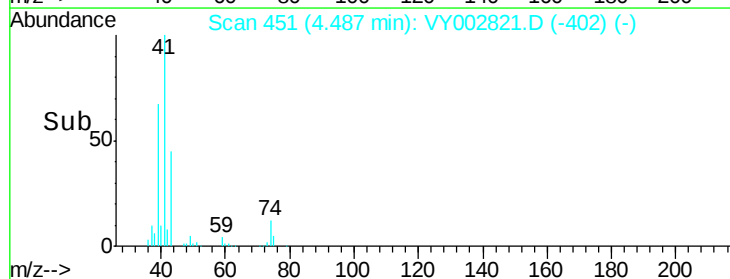
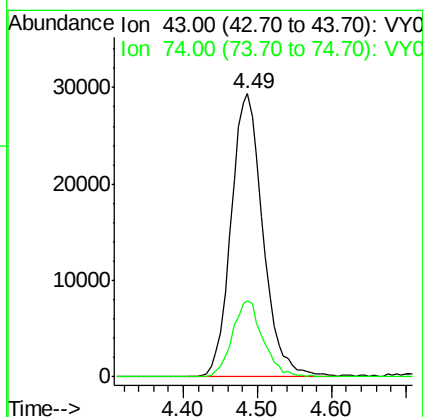
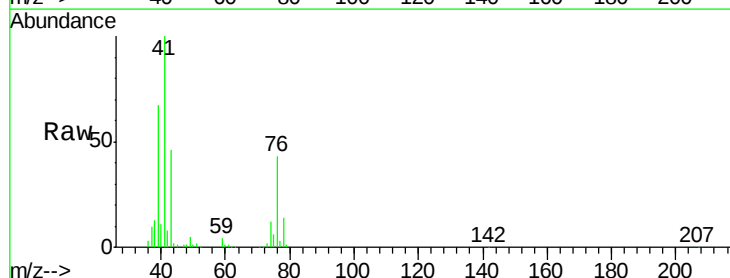
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

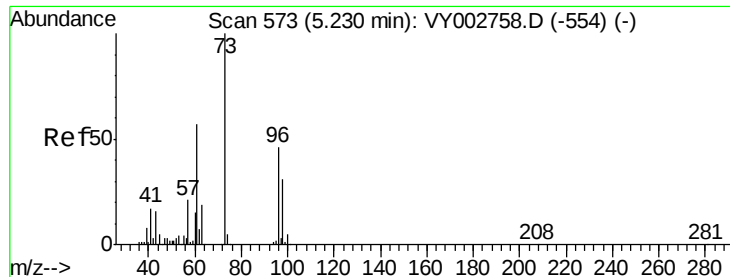
Tgt Ion: 76 Resp: 402983
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 49.41 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 43 Resp: 88101
Ion Ratio Lower Upper
43 100
74 26.2 21.4 32.0

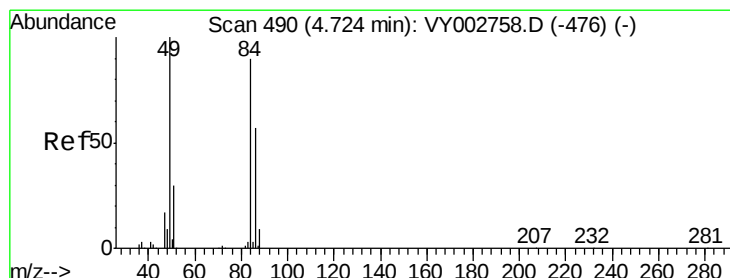
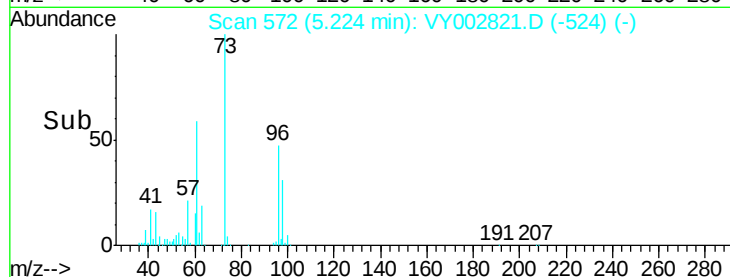
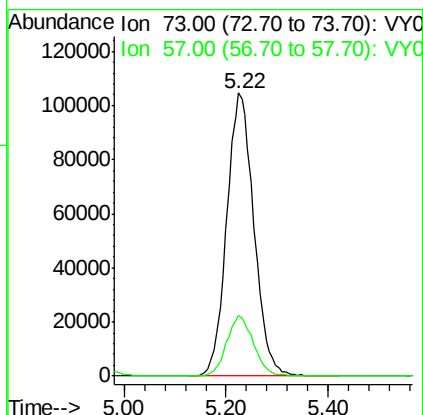
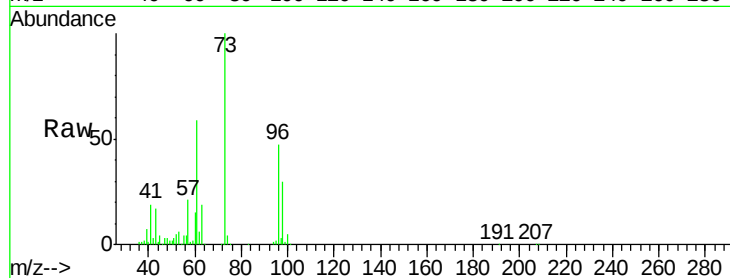




#19
Methyl tert-butyl Ether
Concen: 47.02 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

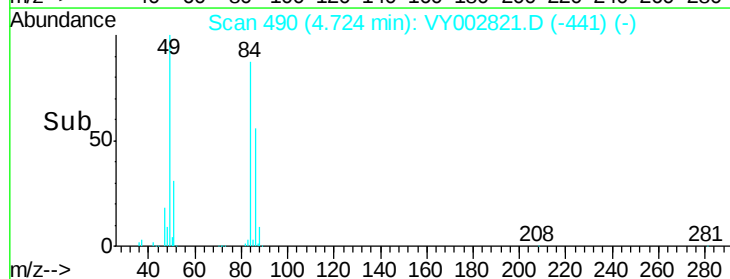
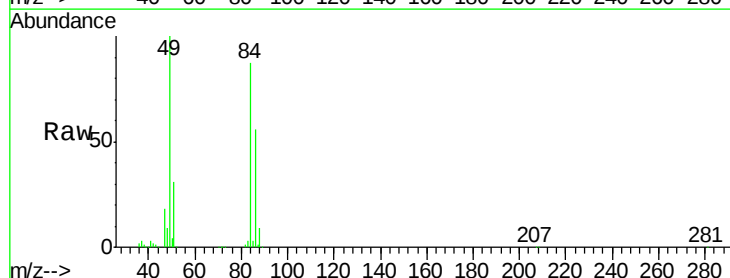
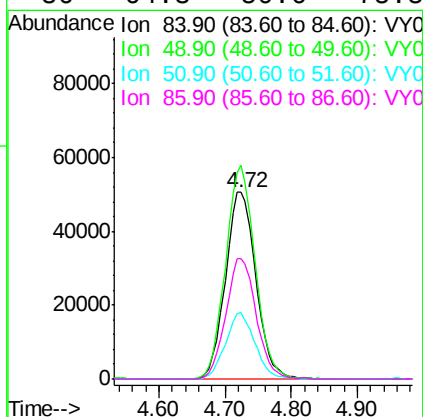
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

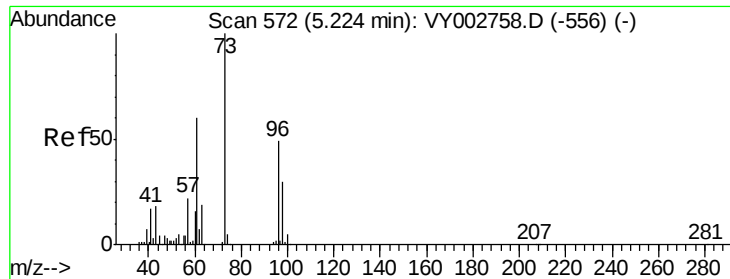
Tgt Ion: 73 Resp: 385286
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 46.38 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 84 Resp: 161010
Ion Ratio Lower Upper
84 100
49 114.5 88.5 132.7
51 35.4 26.8 40.2
86 64.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 46.01 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

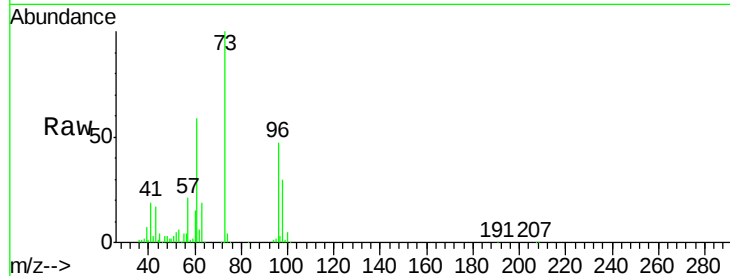
Tgt Ion: 96 Resp: 153595

Ion Ratio Lower Upper

96 100

61 125.9 96.8 145.2

98 65.1 49.4 74.0

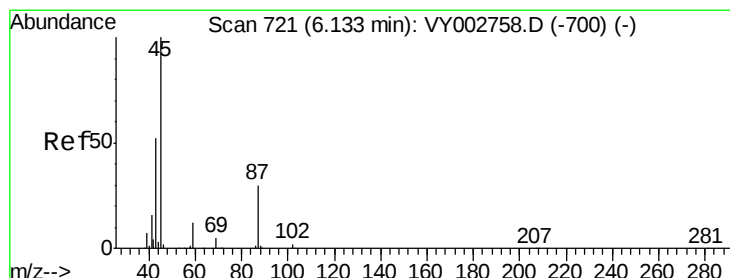
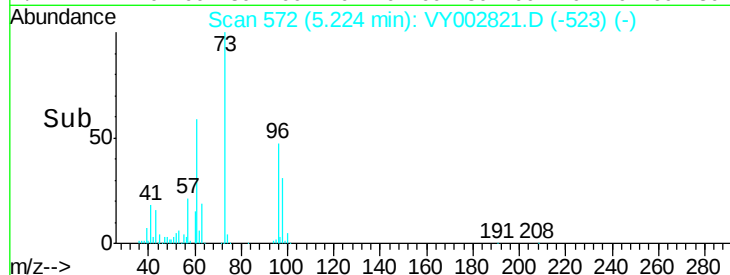
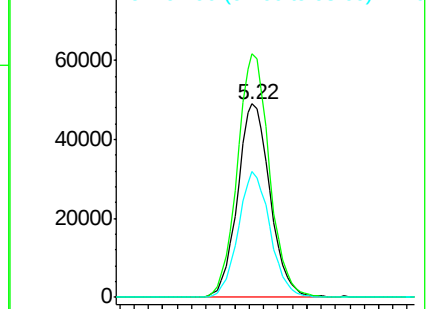


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 48.62 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Tgt Ion: 45 Resp: 430112

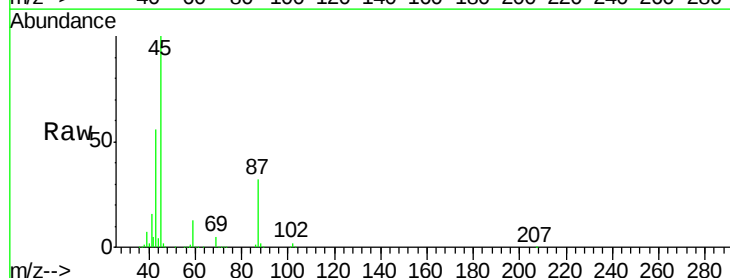
Ion Ratio Lower Upper

45 100

43 56.0 41.7 62.5

87 32.1 24.2 36.2

59 12.7 9.8 14.8



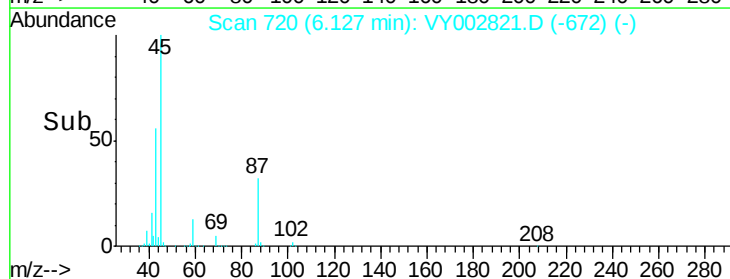
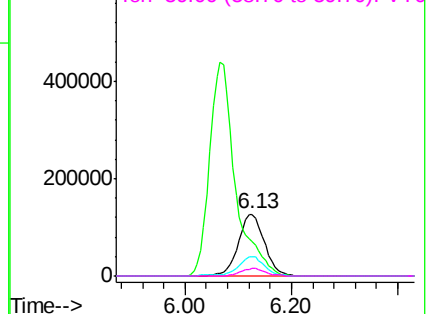
Abundance

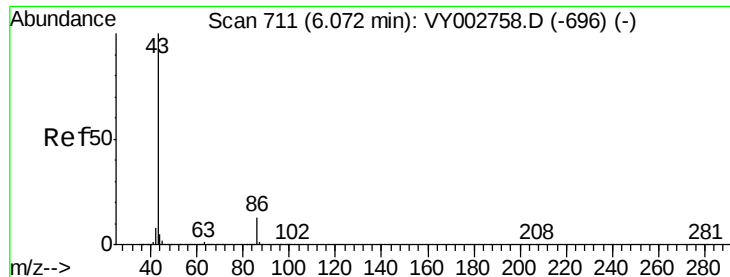
Ion 45.00 (44.70 to 45.70): VY0

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

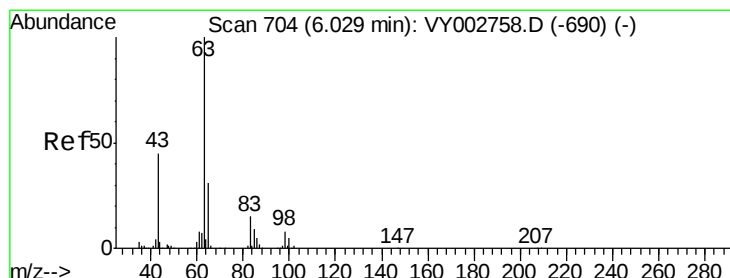
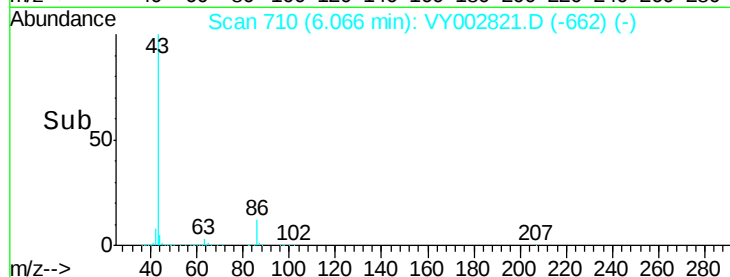
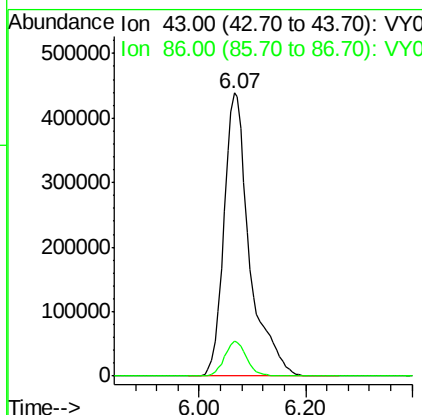
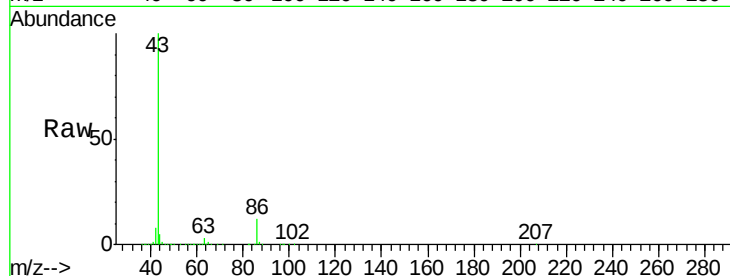




#23
 Vinyl Acetate
 Concen: 251.83 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

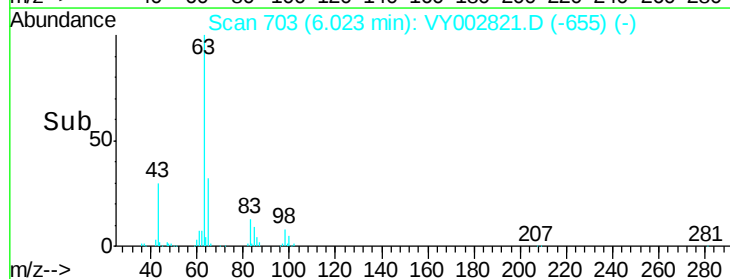
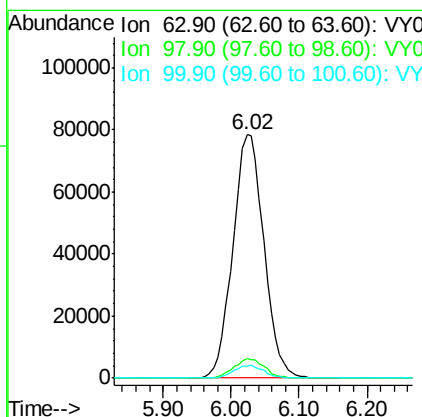
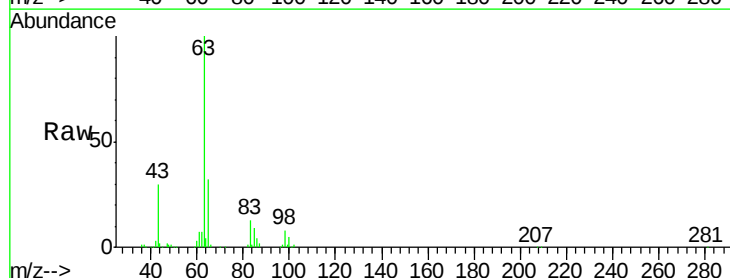
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

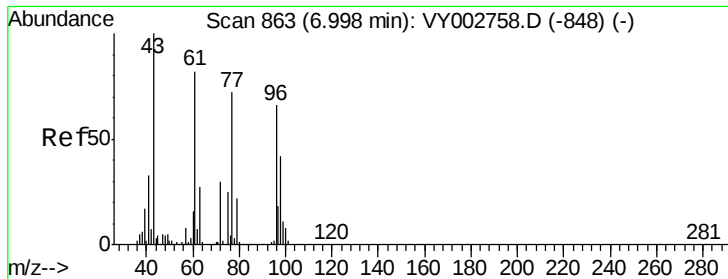
Tgt Ion: 43 Resp: 1470967
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 48.04 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion: 63 Resp: 248645
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 259.01 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

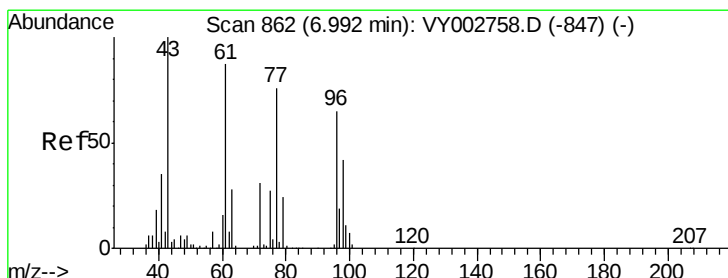
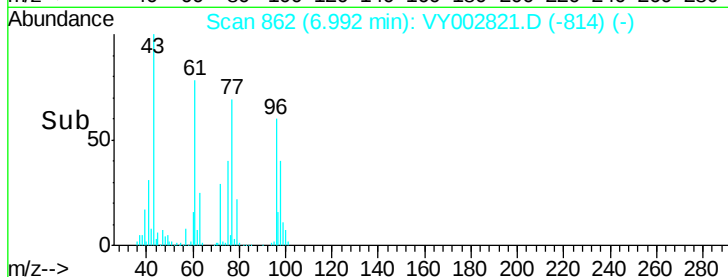
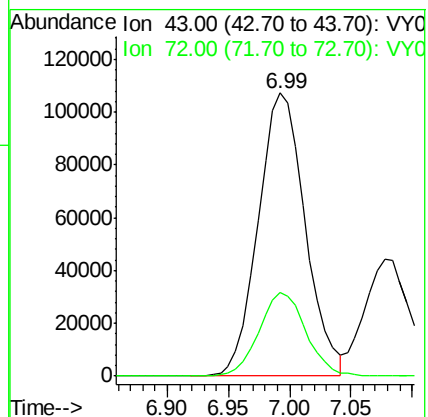
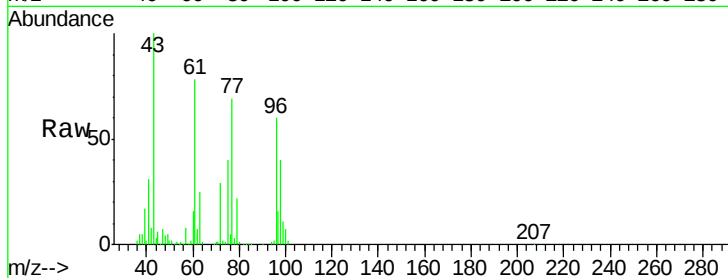
VSTDCCC050

Tgt Ion: 43 Resp: 286683

Ion Ratio Lower Upper

43 100

72 29.5 23.9 35.9



#26

2,2-Dichloropropane

Concen: 46.50 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002821.D

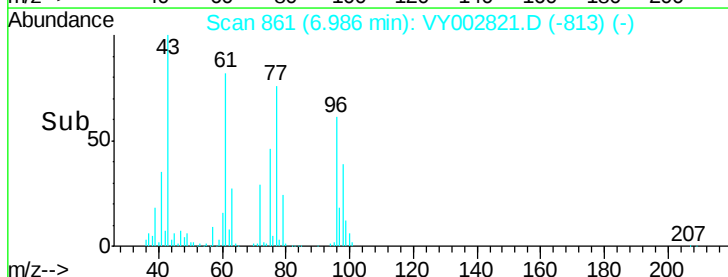
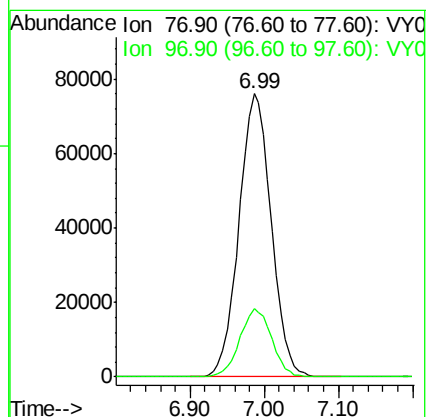
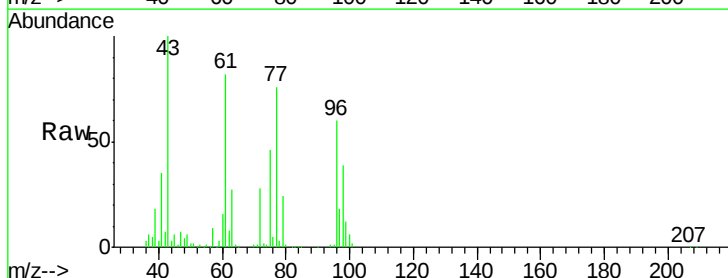
Acq: 03 Jun 2020 10:04

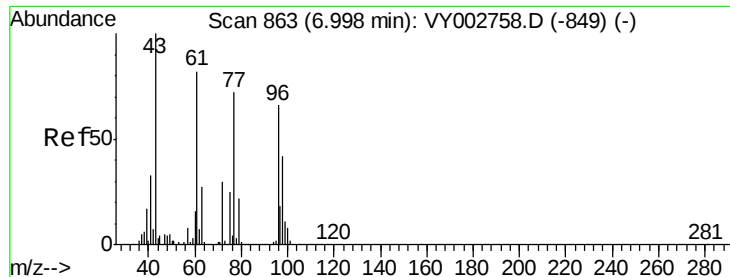
Tgt Ion: 77 Resp: 230808

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6



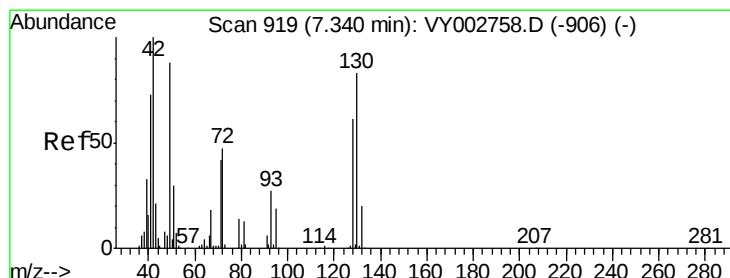
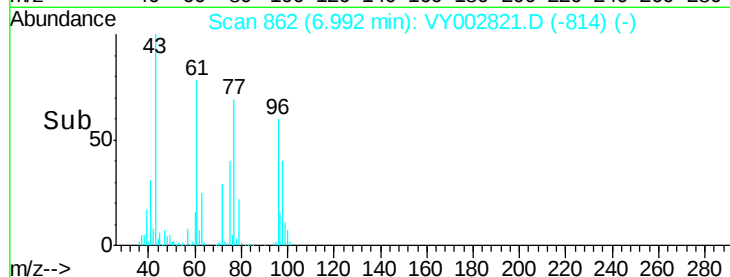
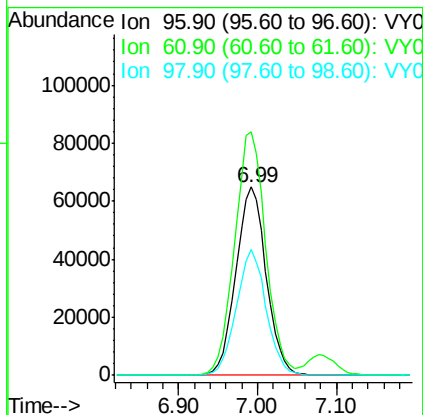
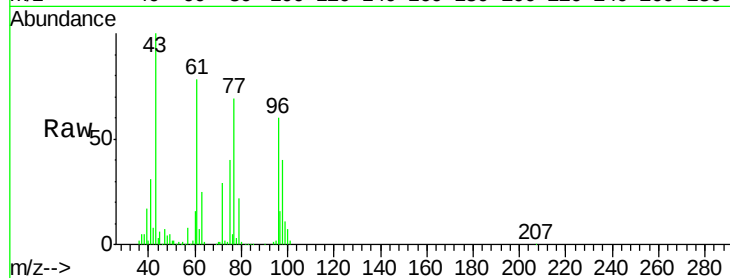


#27

cis-1,2-Dichloroethene
 Concen: 46.42 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

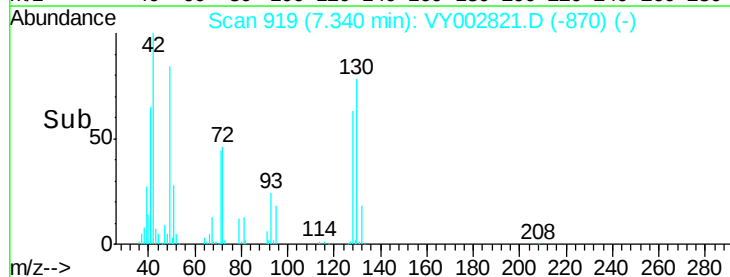
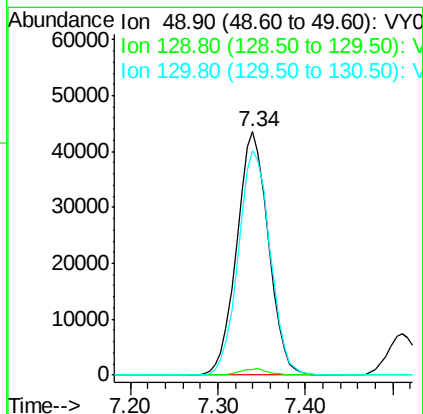
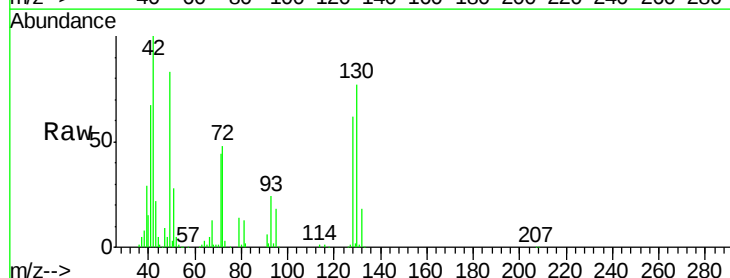
Tgt Ion: 96 Resp: 173491
 Ion Ratio Lower Upper
 96 100
 61 132.3 0.0 260.2
 98 65.8 0.0 128.2

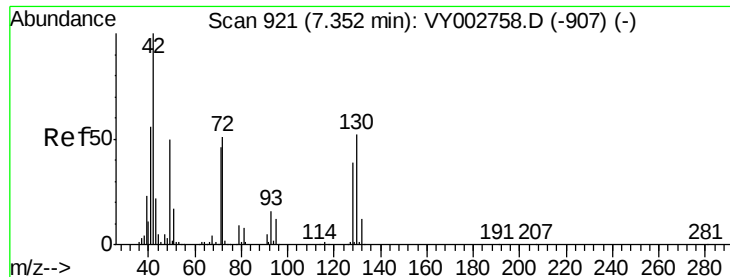


#28

Bromochloromethane
 Concen: 51.47 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion: 49 Resp: 109343
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 93.1 77.1 115.7





#29

Tetrahydrofuran

Concen: 244.75 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

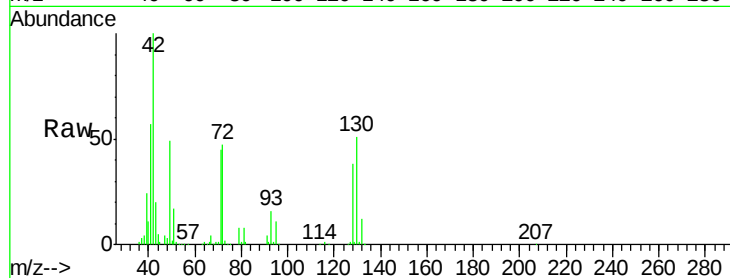
Tgt Ion: 42 Resp: 176208

Ion Ratio Lower Upper

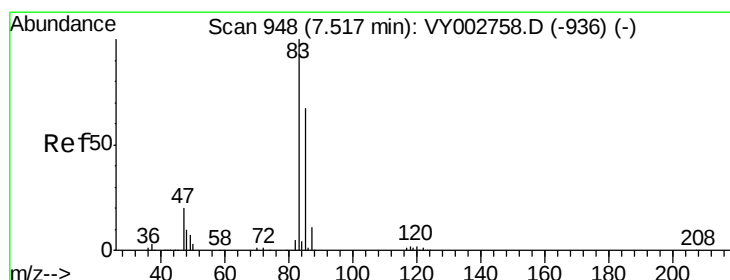
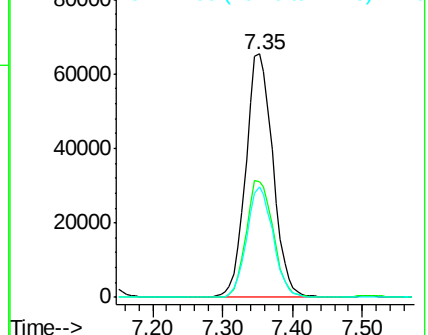
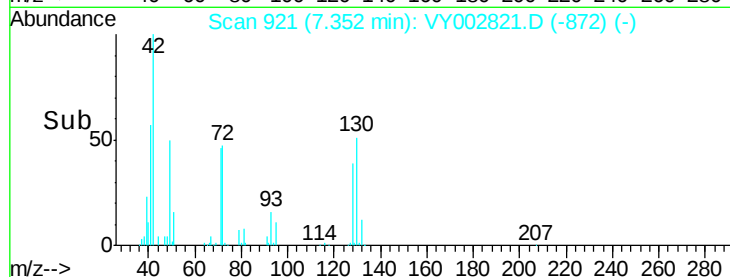
42 100

72 47.9 38.6 58.0

71 44.0 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY002821.D (-872) (-)



#30

Chloroform

Concen: 47.31 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002821.D

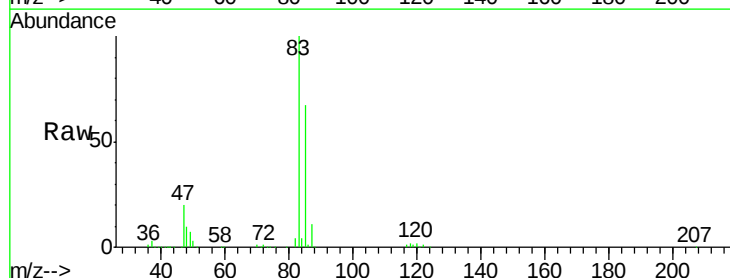
Acq: 03 Jun 2020 10:04

Tgt Ion: 83 Resp: 259832

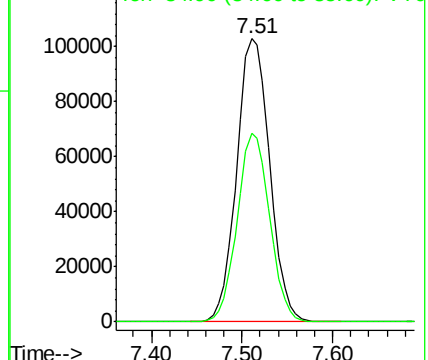
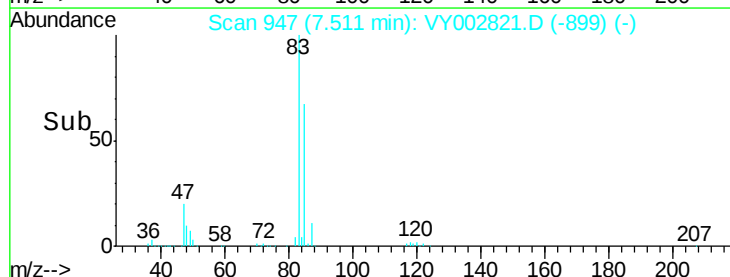
Ion Ratio Lower Upper

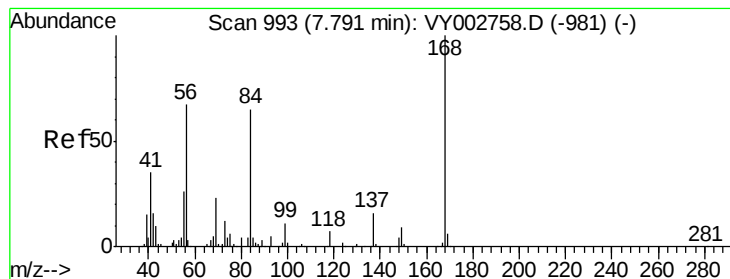
83 100

85 66.8 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY002821.D (-899) (-)





#31

Cyclohexane

Concen: 44.85 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

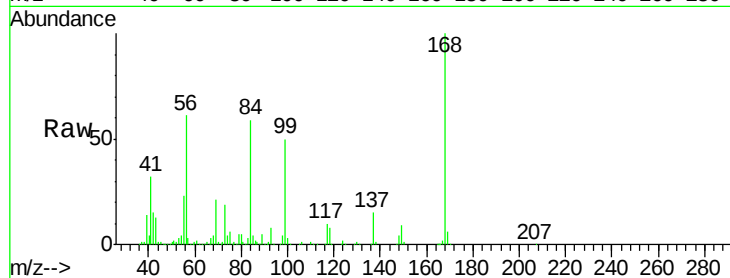
Tgt Ion: 56 Resp: 230457

Ion Ratio Lower Upper

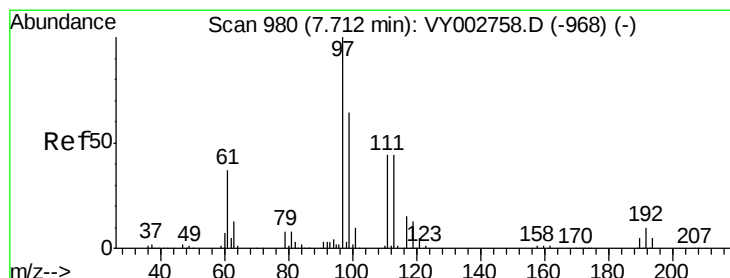
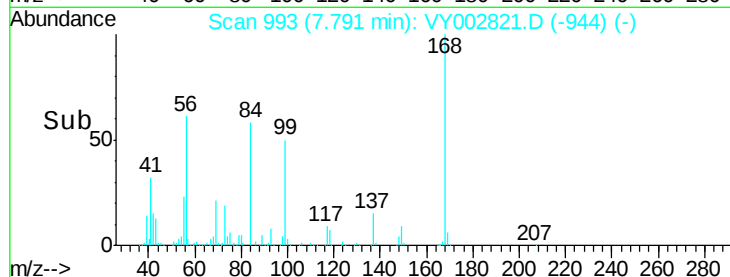
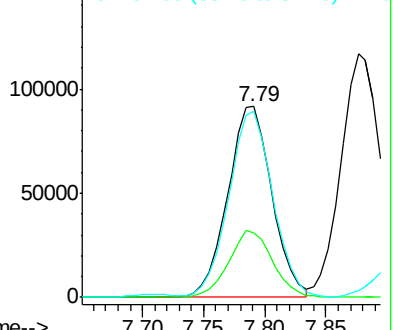
56 100

69 33.8 28.0 42.0

84 95.9 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: 45.98 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

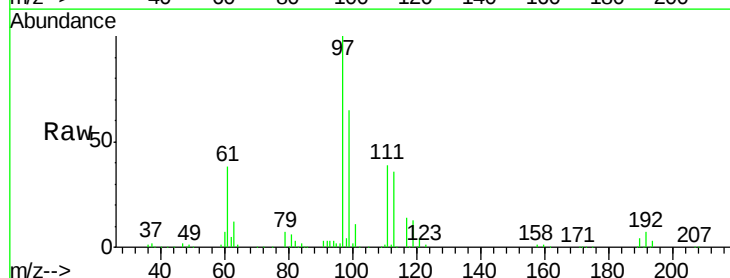
Tgt Ion: 97 Resp: 235311

Ion Ratio Lower Upper

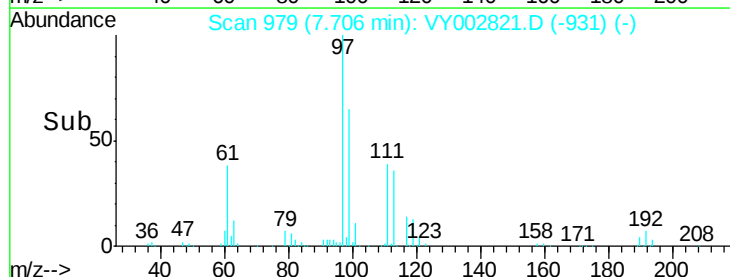
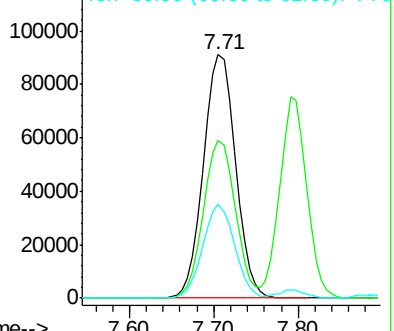
97 100

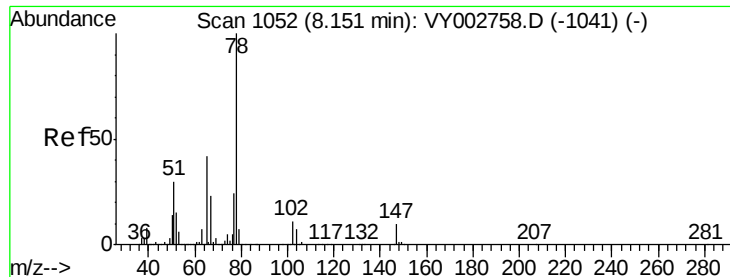
99 64.7 51.4 77.0

61 37.9 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

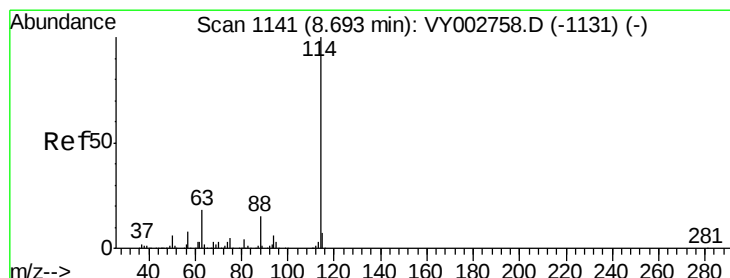
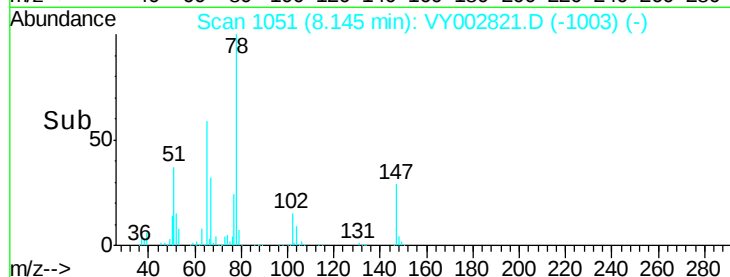
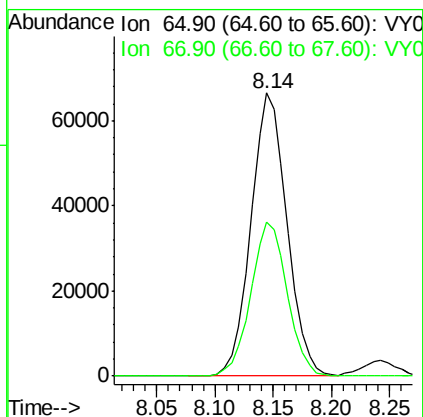
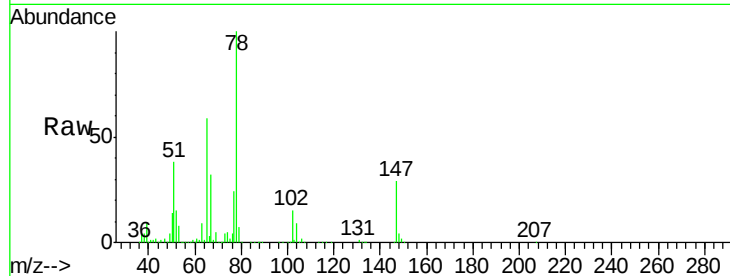




#33
 1,2-Dichloroethane-d4
 Concen: 47.25 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

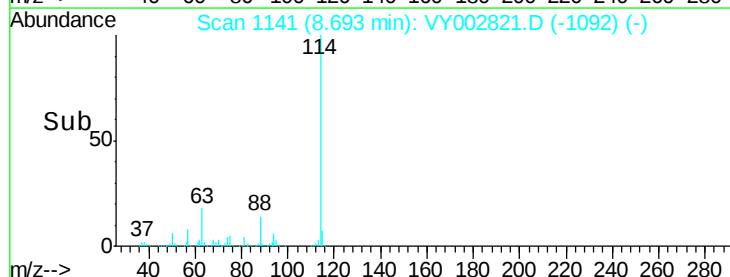
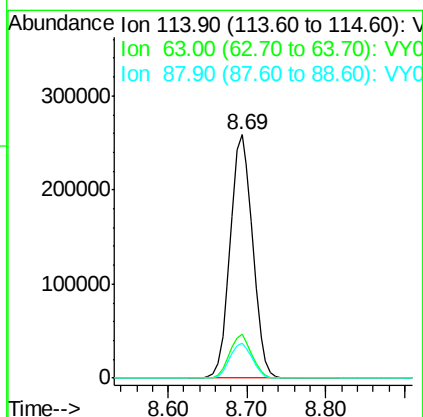
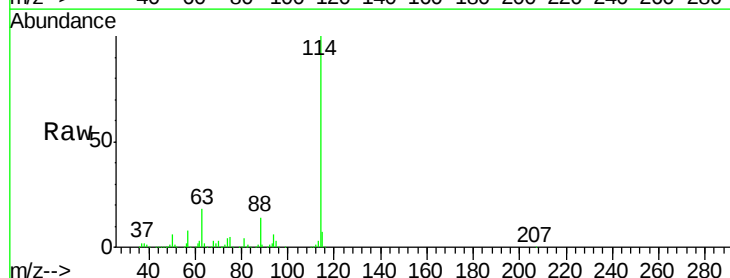
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

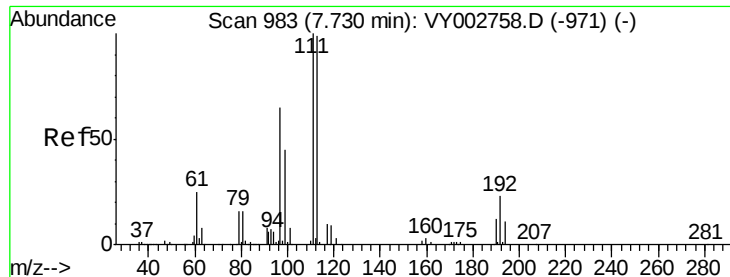
Tgt Ion: 65 Resp: 143161
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion: 114 Resp: 511480
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.4 0.0 29.2

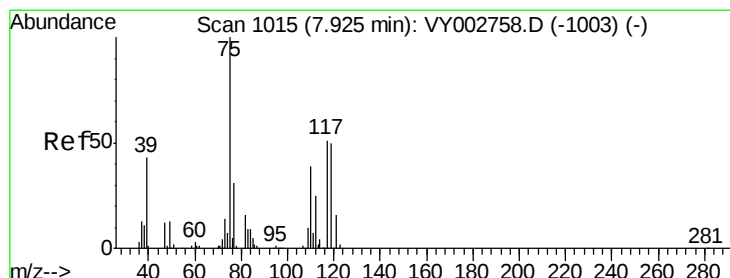
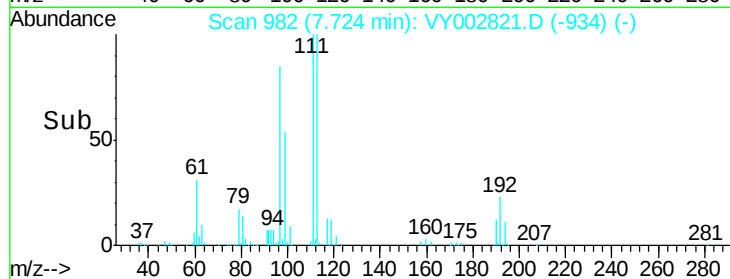
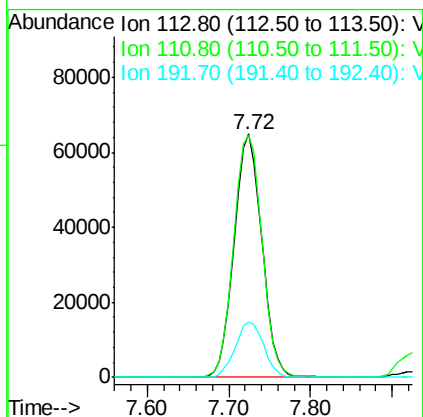
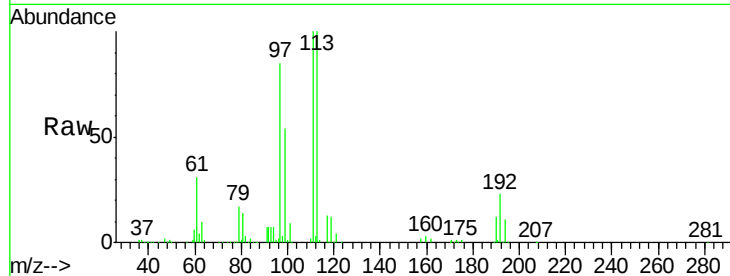




#35
 Dibromofluoromethane
 Concen: 50.76 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

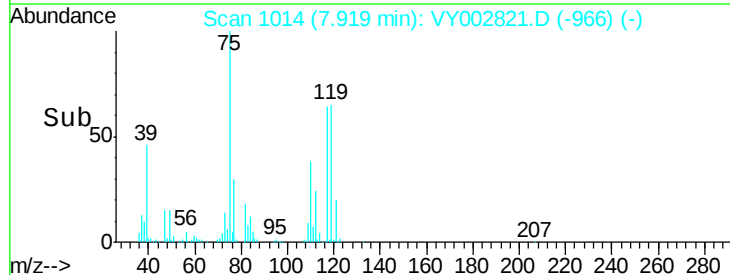
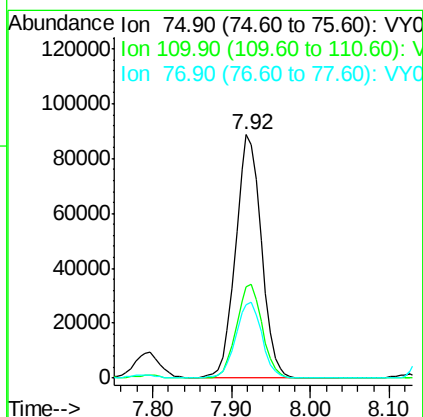
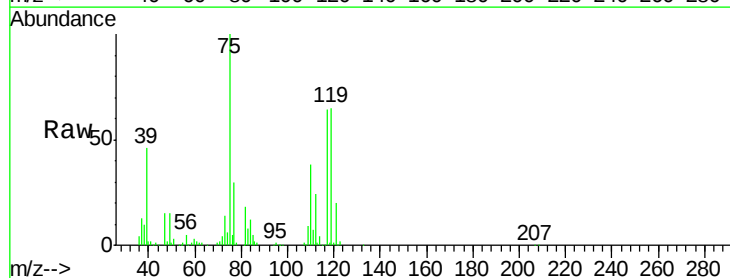
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

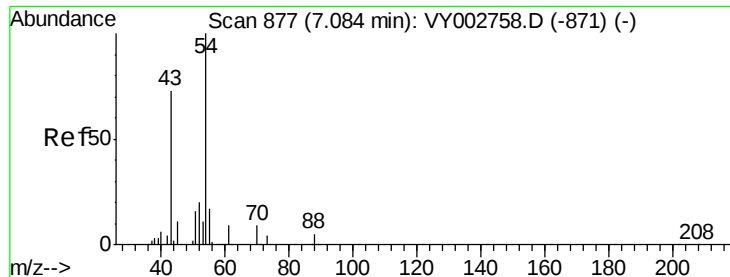
Tgt Ion:113 Resp: 152141
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.0 123.0
 192 23.3 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 46.85 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion: 75 Resp: 201869
 Ion Ratio Lower Upper
 75 100
 110 38.5 19.3 57.9
 77 31.6 24.8 37.2

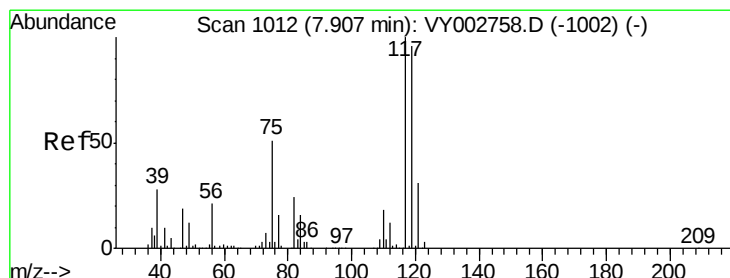
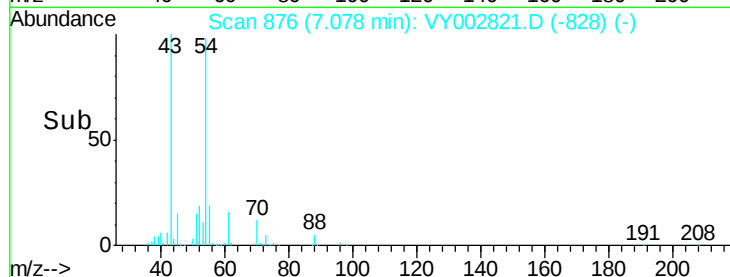
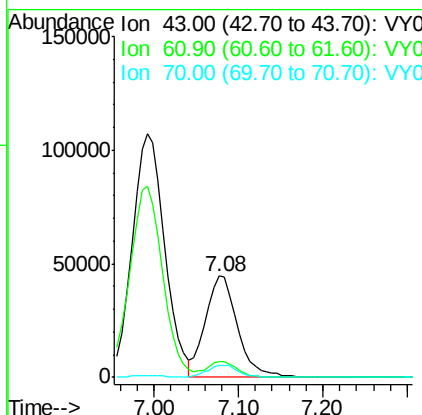
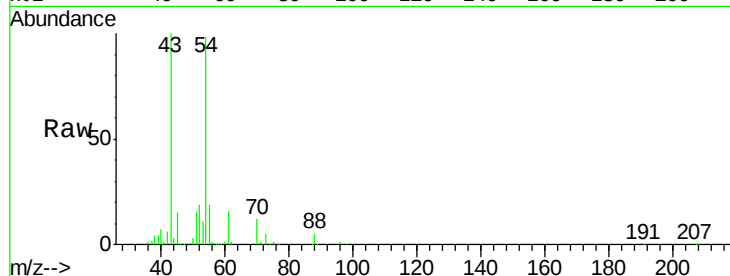




#37
 Ethyl Acetate
 Concen: 50.38 ug/l
 RT: 7.08 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

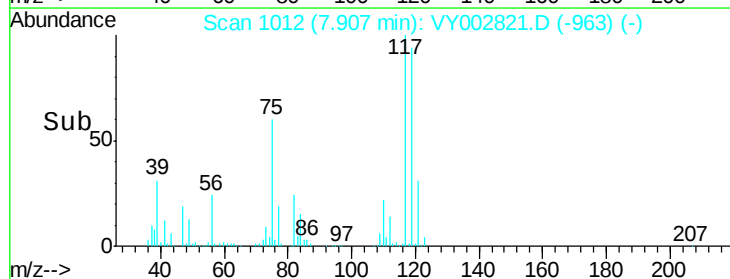
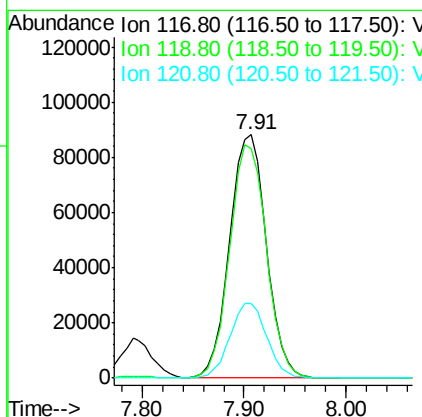
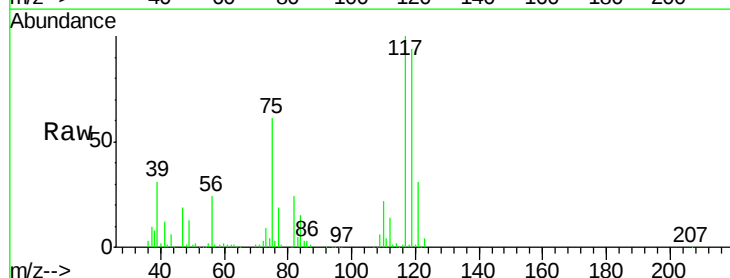
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

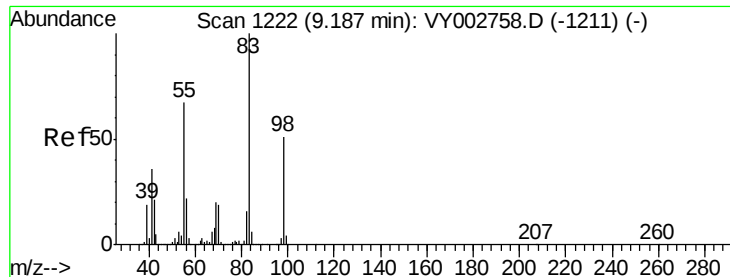
Tgt Ion: 43 Resp: 118109
 Ion Ratio Lower Upper
 43 100
 61 15.4 11.9 17.9
 70 11.5 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 46.05 ug/l
 RT: 7.91 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion: 117 Resp: 220394
 Ion Ratio Lower Upper
 117 100
 119 94.0 76.8 115.2
 121 30.7 24.8 37.2

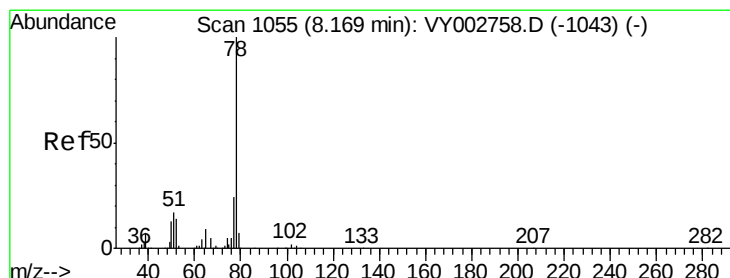
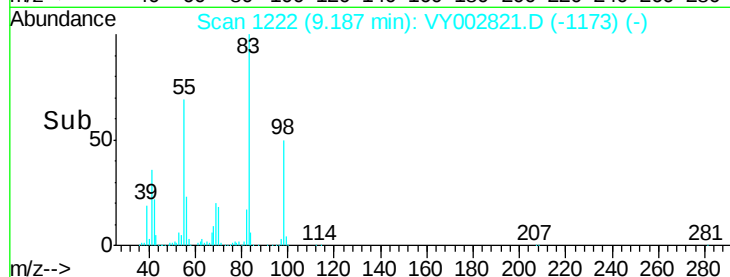
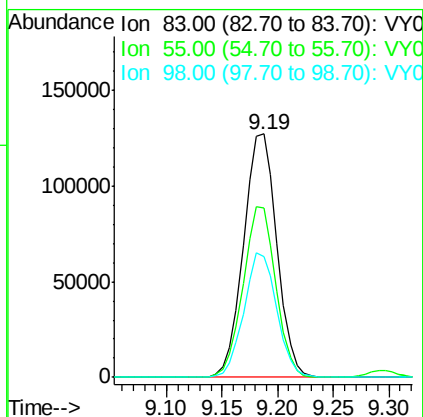
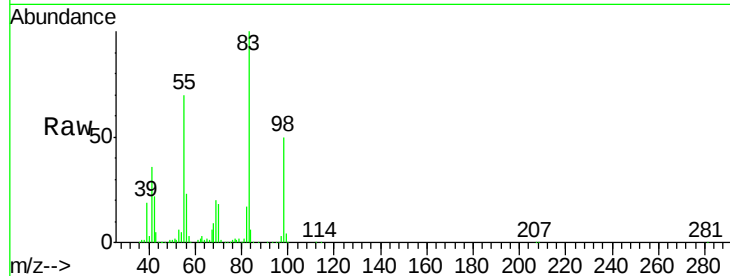




#39
Methylcyclohexane
Concen: 46.71 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

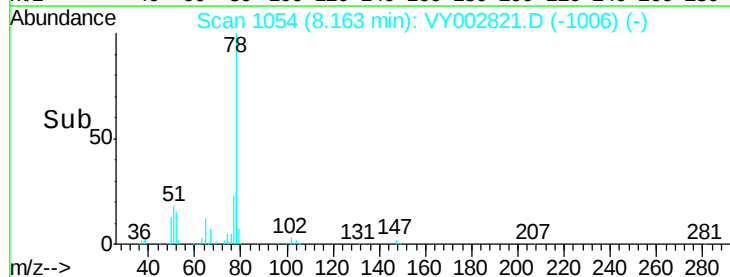
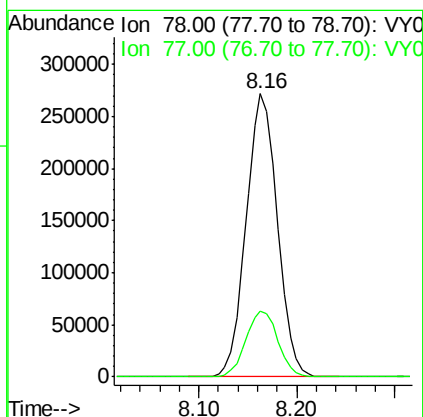
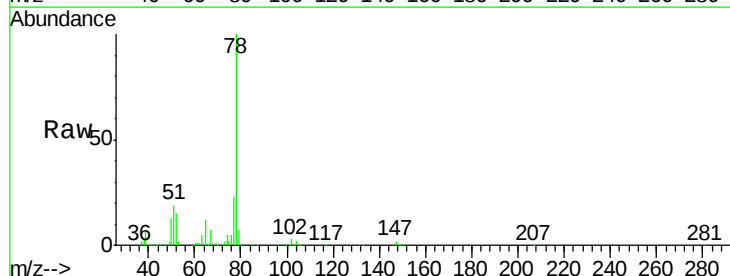
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

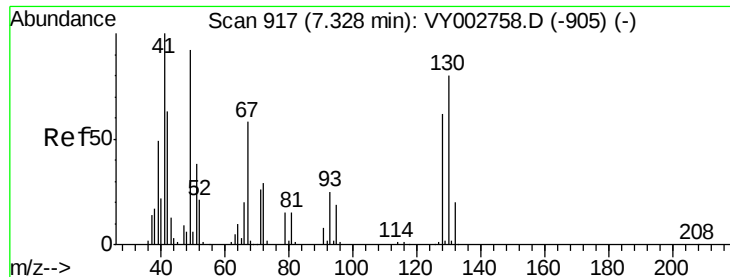
Tgt Ion: 83 Resp: 265291
Ion Ratio Lower Upper
83 100
55 69.5 53.3 79.9
98 49.7 41.1 61.7



#40
Benzene
Concen: 47.21 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 78 Resp: 600987
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

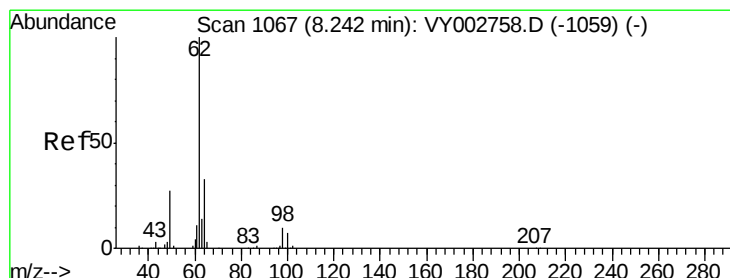
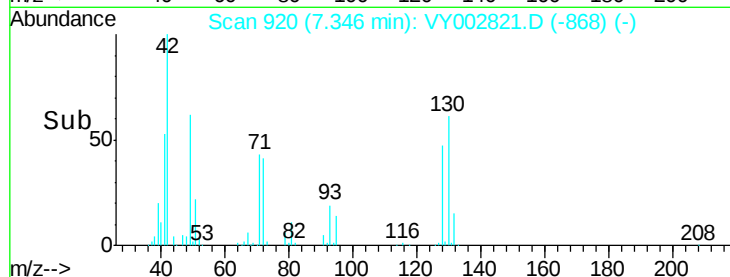
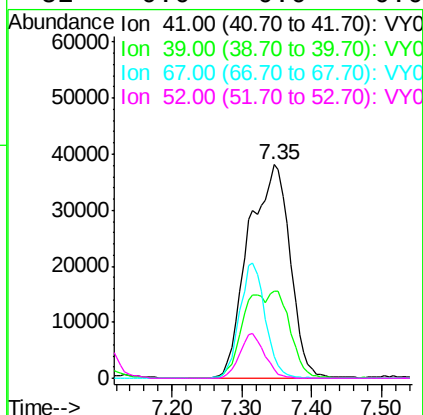
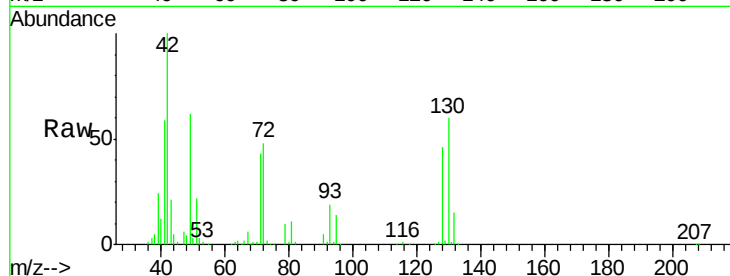




#41
Methacrylonitrile
Concen: 125.15 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

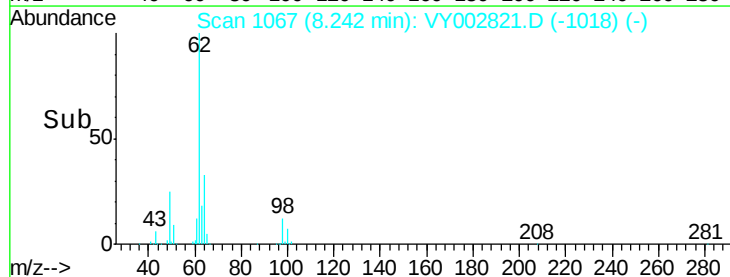
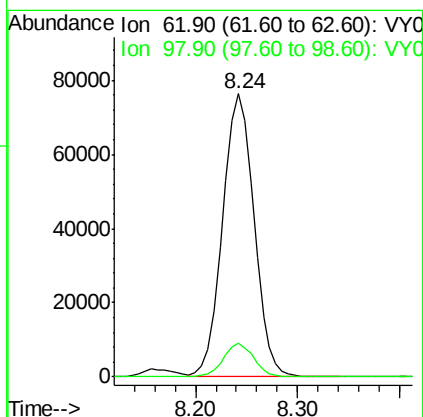
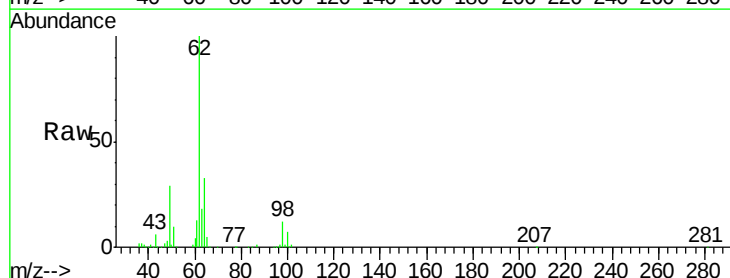
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

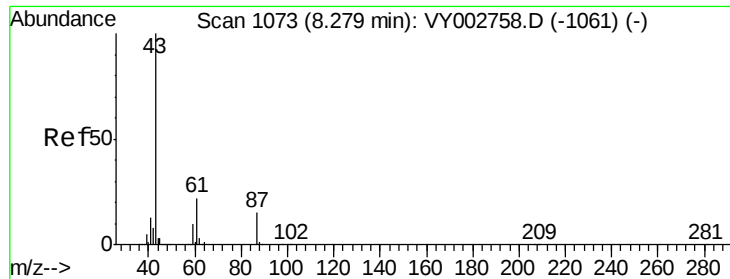
Tgt Ion: 41 Resp: 157607
Ion Ratio Lower Upper
41 100
39 0.0 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 45.87 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 62 Resp: 163656
Ion Ratio Lower Upper
62 100
98 11.5 0.0 22.6

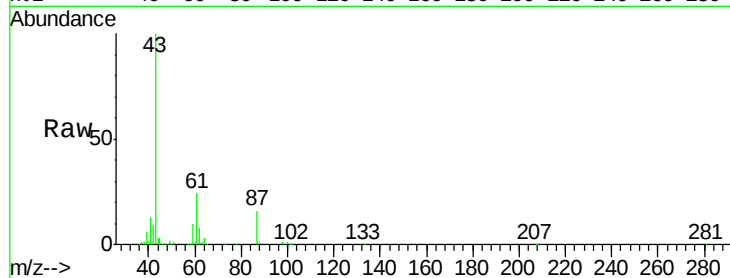




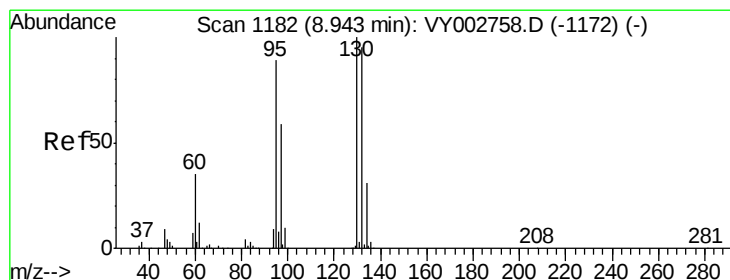
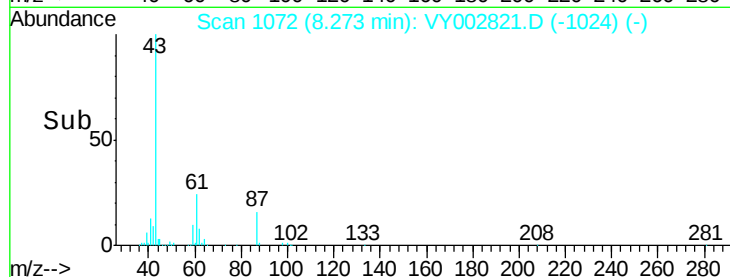
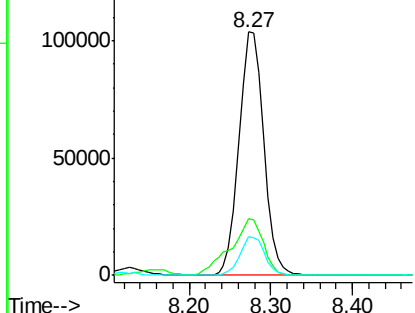
#43
Isopropyl Acetate
Concen: 49.10 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 218130
Ion Ratio Lower Upper
43 100
61 30.7 24.8 37.2
87 15.7 12.4 18.6

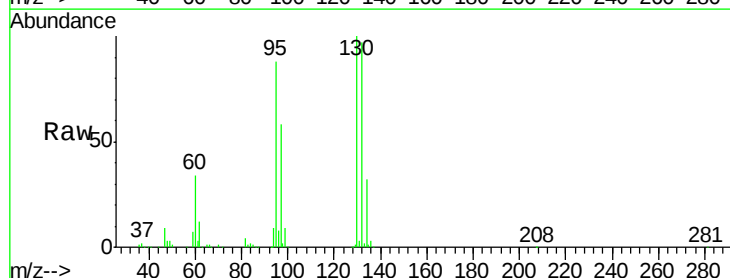


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

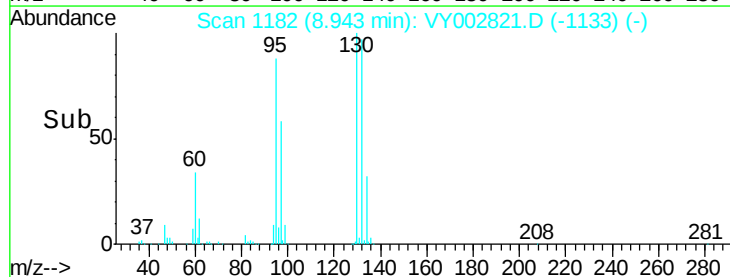
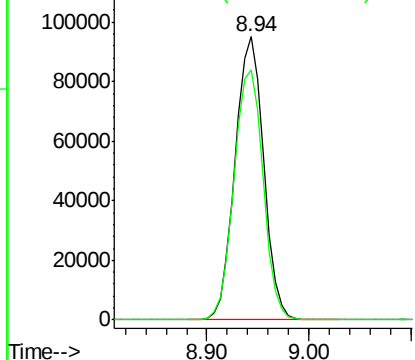


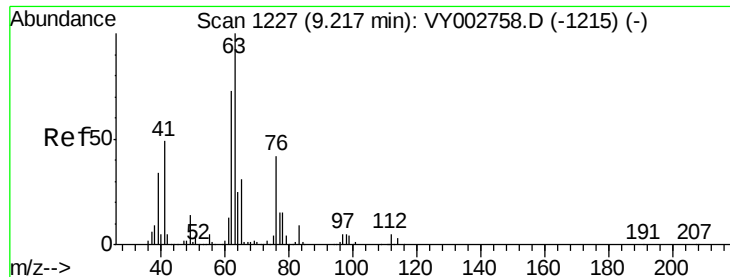
#44
Trichloroethene
Concen: 45.76 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 130 Resp: 184032
Ion Ratio Lower Upper
130 100
95 88.2 0.0 178.8



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

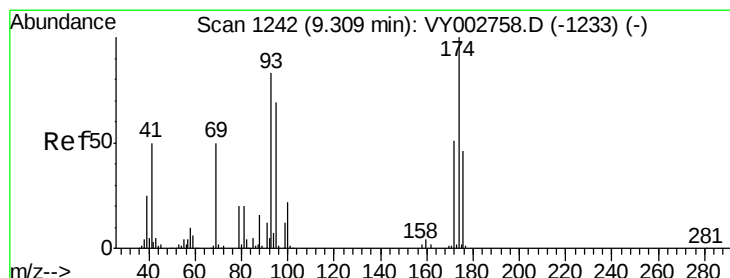
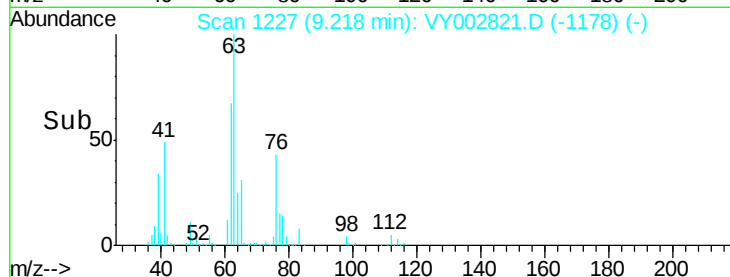
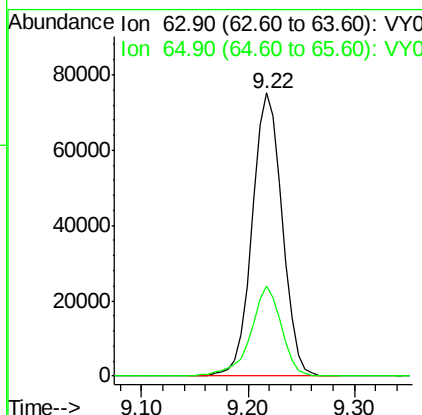
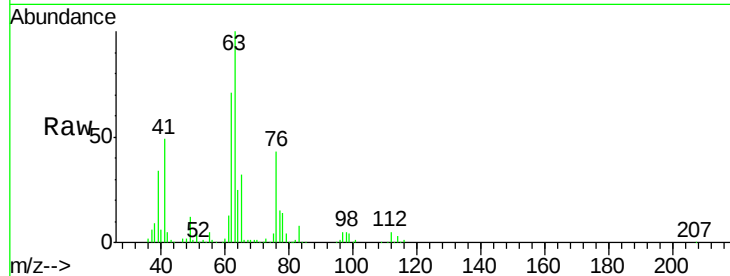




#45
 1,2-Dichloropropane
 Concen: 48.72 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

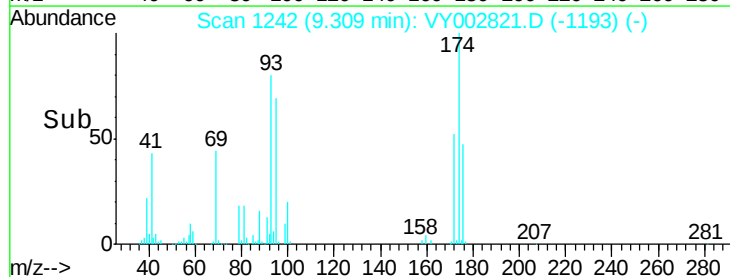
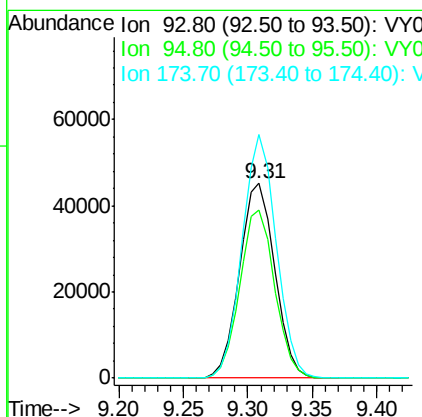
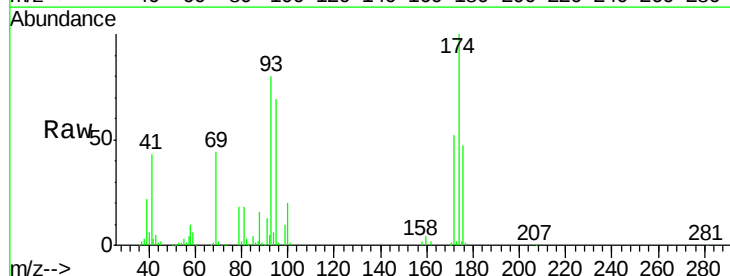
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

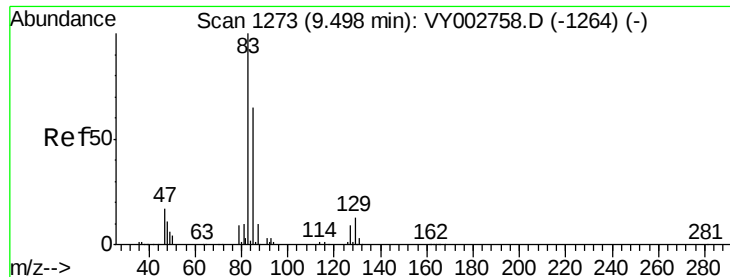
Tgt Ion: 63 Resp: 148749
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.8 37.2



#46
 Dibromomethane
 Concen: 47.32 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion: 93 Resp: 85798
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.9 100.3
 174 120.6 97.7 146.5





#47

Bromodichloromethane

Concen: 48.12 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

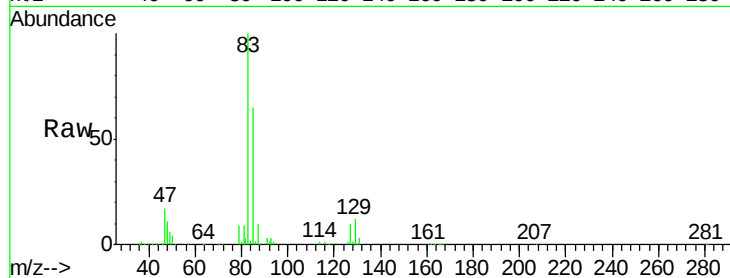
Tgt Ion: 83 Resp: 205679

Ion Ratio Lower Upper

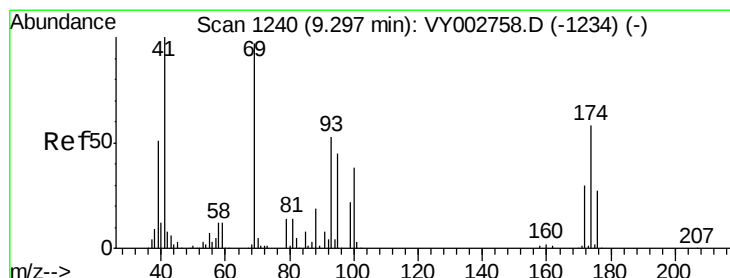
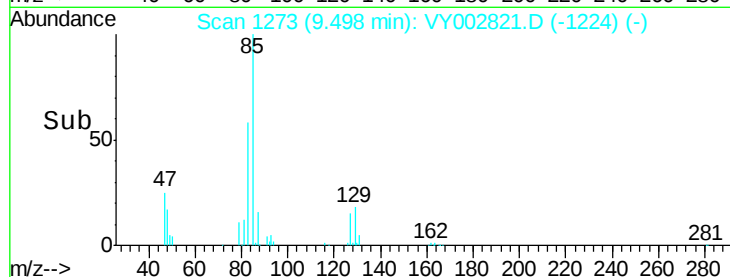
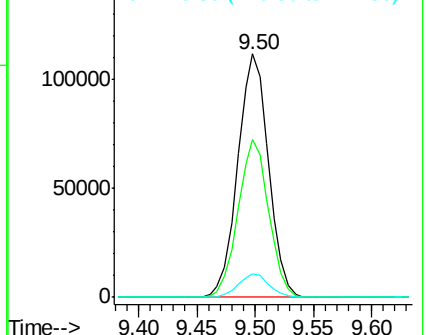
83 100

85 64.9 51.9 77.9

127 9.6 7.1 10.7



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



#48

Methyl methacrylate

Concen: 48.73 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

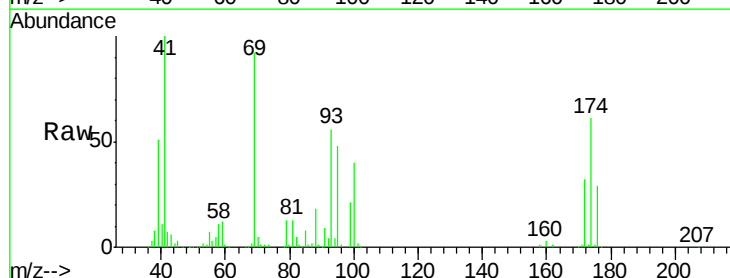
Tgt Ion: 41 Resp: 97729

Ion Ratio Lower Upper

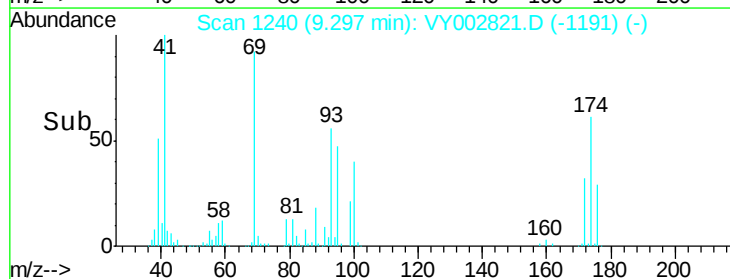
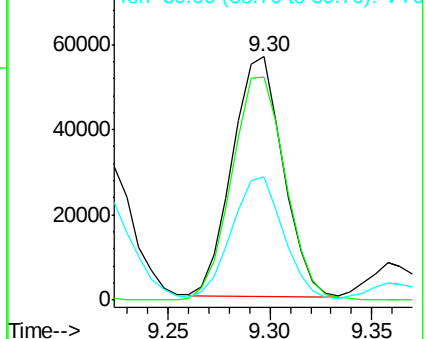
41 100

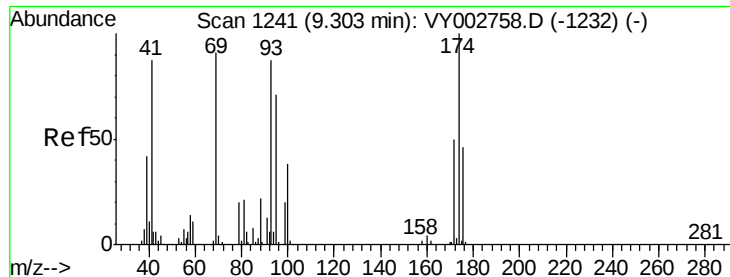
69 98.7 79.7 119.5

39 50.7 43.3 64.9



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

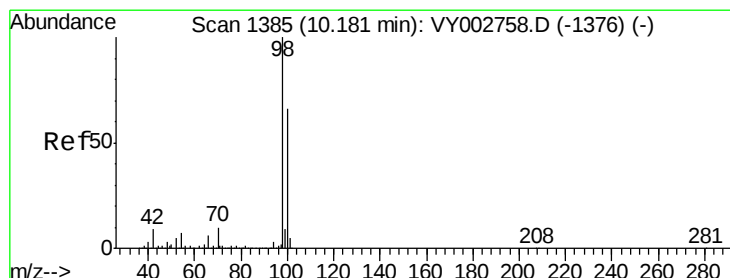
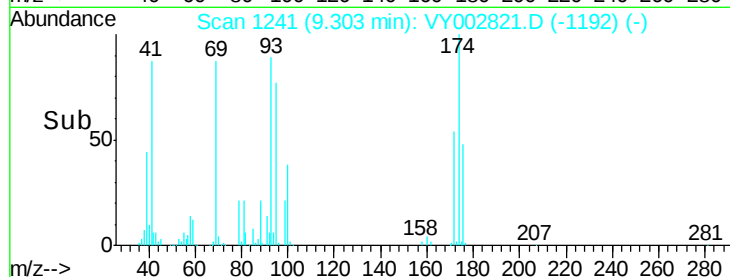
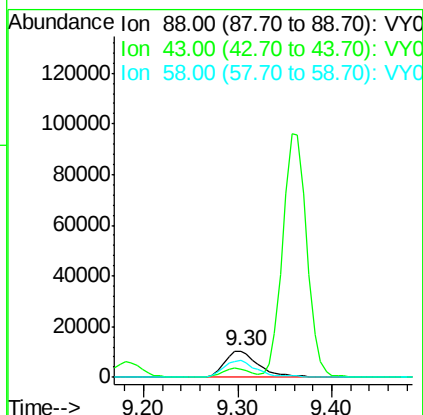
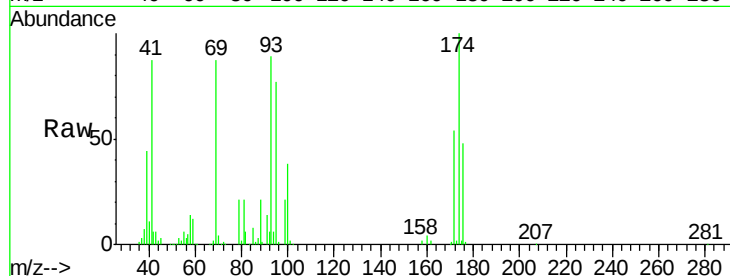




#49
1,4-Dioxane
Concen: 937.52 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

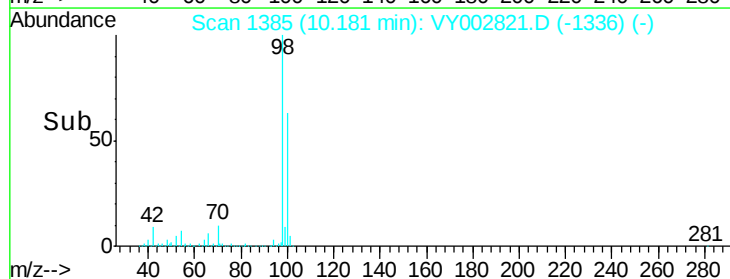
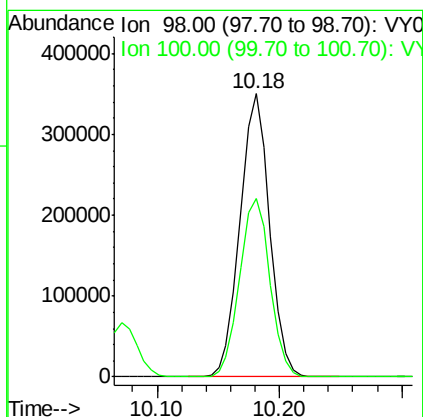
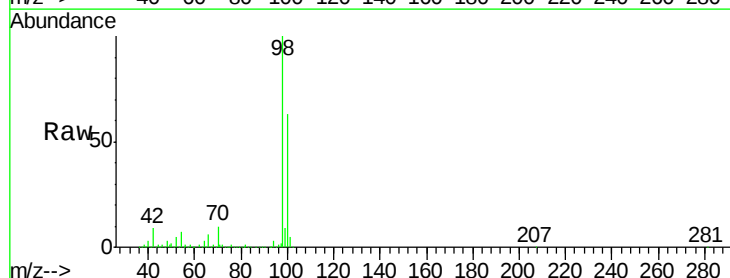
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

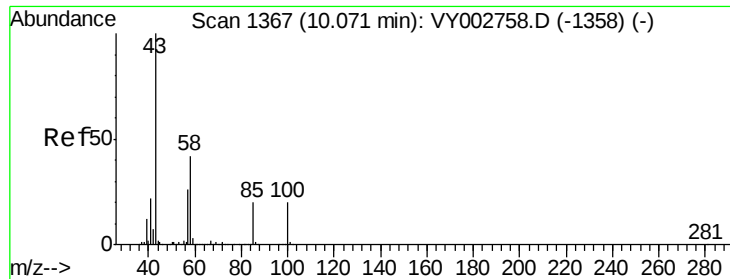
Tgt Ion: 88 Resp: 26101
Ion Ratio Lower Upper
88 100
43 27.4 21.3 31.9
58 66.5 52.2 78.2



#50
Toluene-d8
Concen: 48.37 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 98 Resp: 586181
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

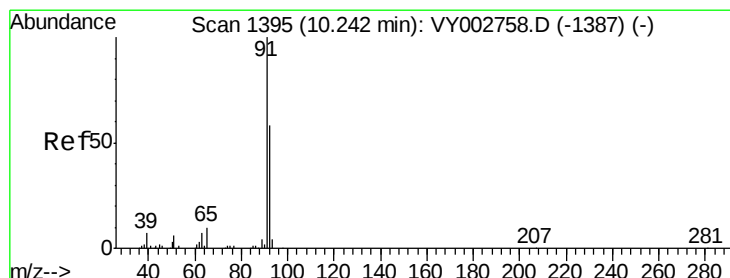
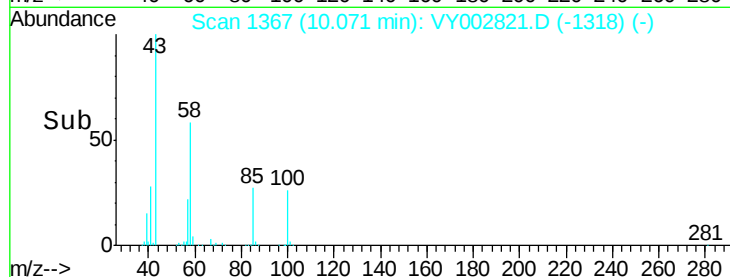
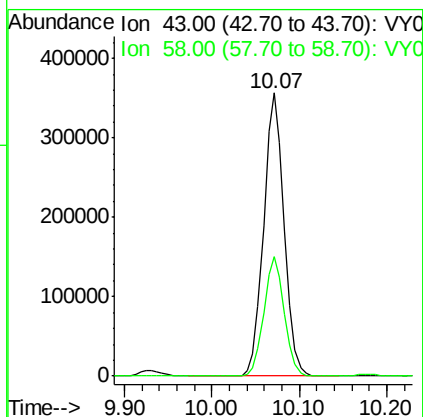
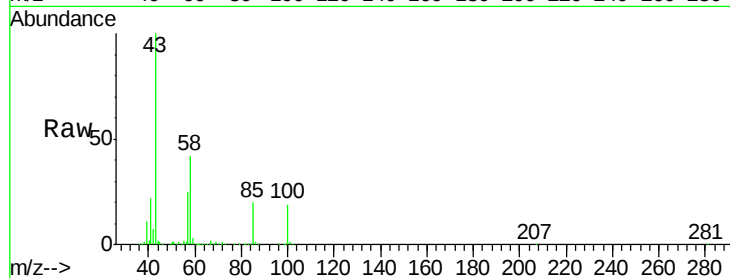




#51
4-Methyl-2-Pentanone
Concen: 247.78 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

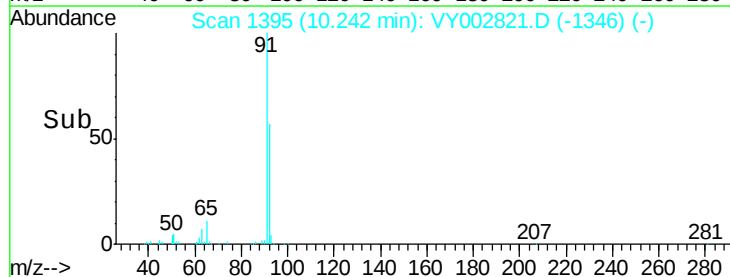
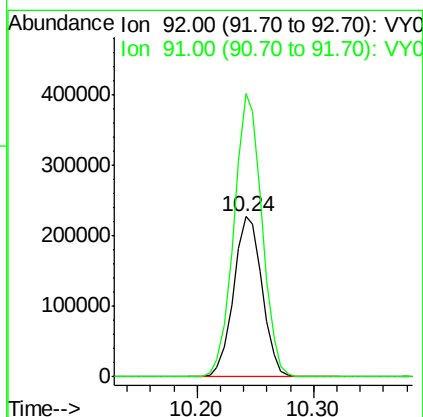
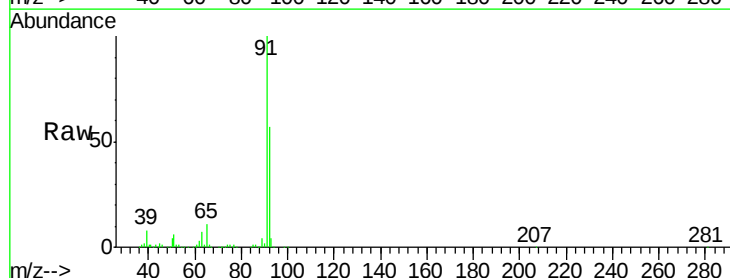
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

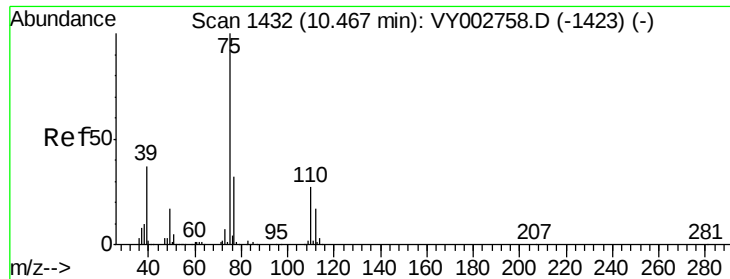
Tgt Ion: 43 Resp: 582843
Ion Ratio Lower Upper
43 100
58 42.2 34.2 51.2



#52
Toluene
Concen: 46.42 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 92 Resp: 386594
Ion Ratio Lower Upper
92 100
91 173.4 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 48.18 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

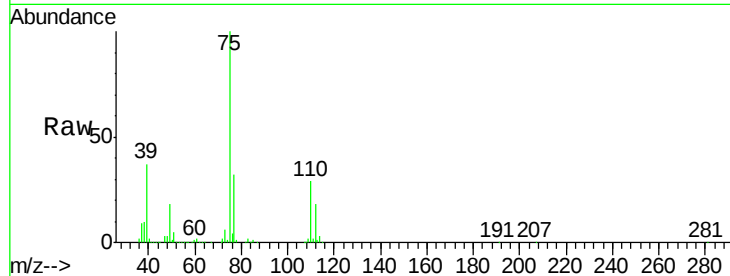
VSTDCCC050

Tgt Ion: 75 Resp: 224936

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

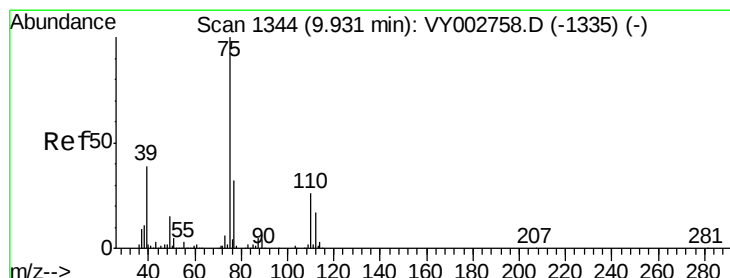
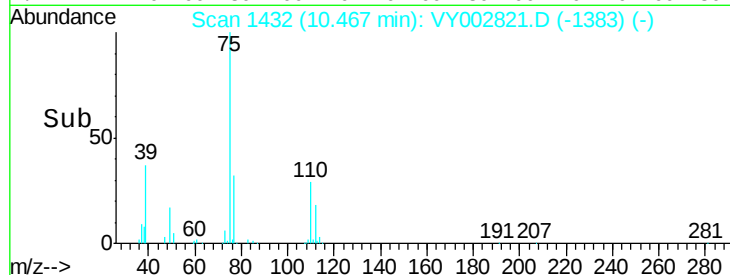
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.88 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

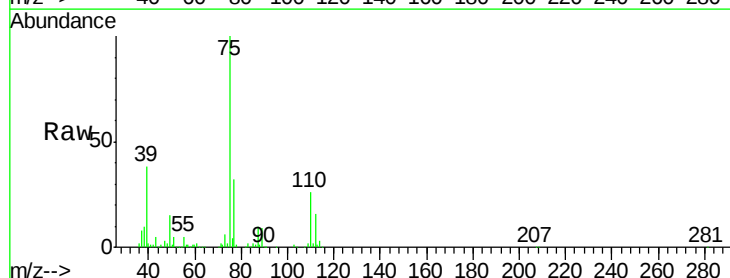
Tgt Ion: 75 Resp: 253285

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 38.3 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

9.93

200000

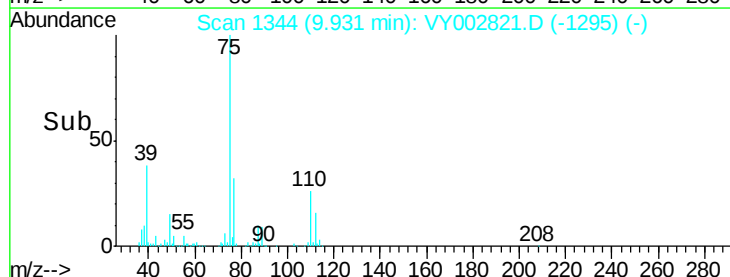
150000

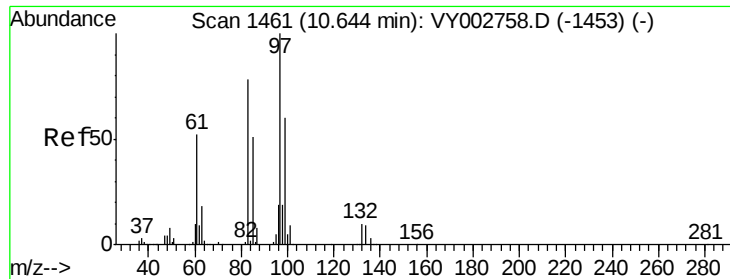
100000

50000

0

Time-->

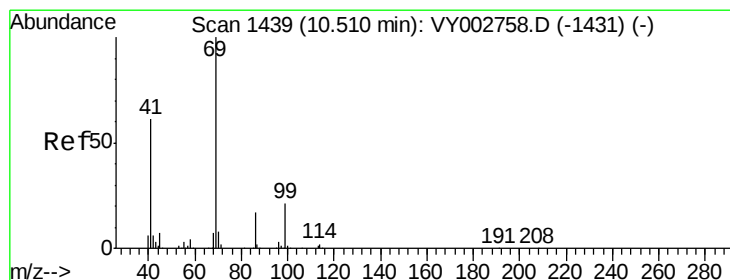
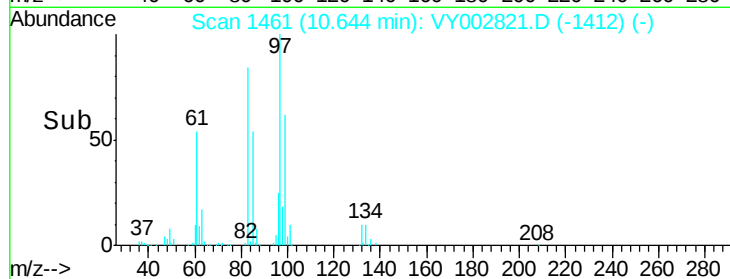
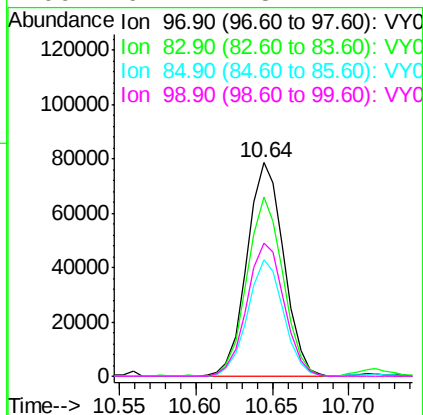
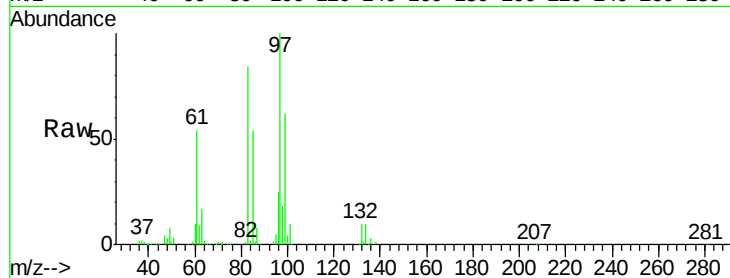




#55
 1,1,2-Trichloroethane
 Concen: 47.37 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

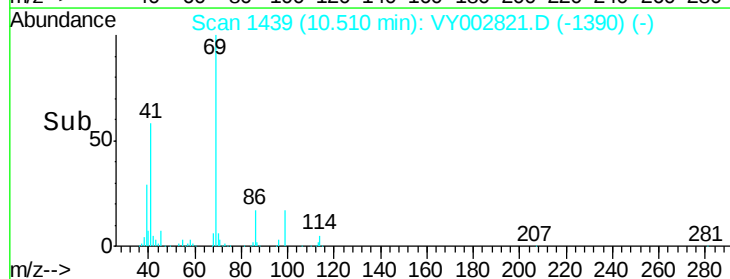
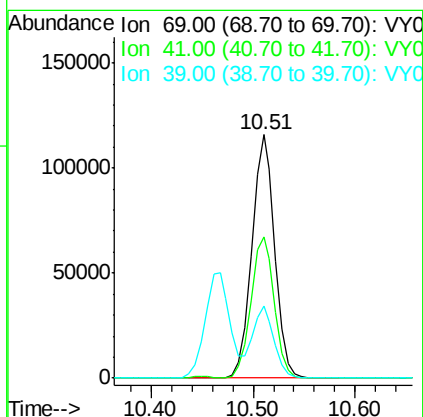
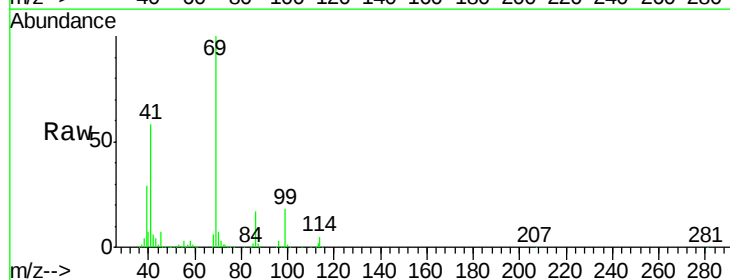
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

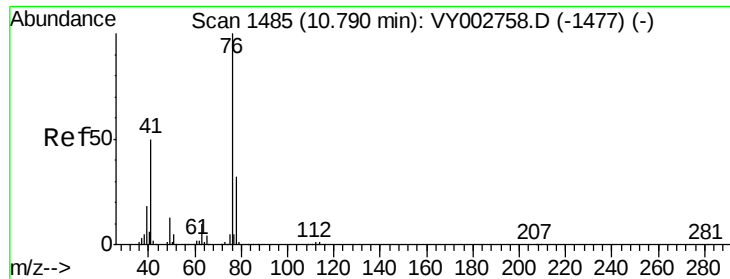
Tgt Ion:	97	Resp:	131507
Ion	Ratio	Lower	Upper
97	100		
83	83.8	62.7	94.1
85	54.2	40.6	60.8
99	62.1	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 48.51 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion:	69	Resp:	180346
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.0	70.4
39	27.0	22.0	33.0





#57

1,3-Dichloropropane

Concen: 47.86 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

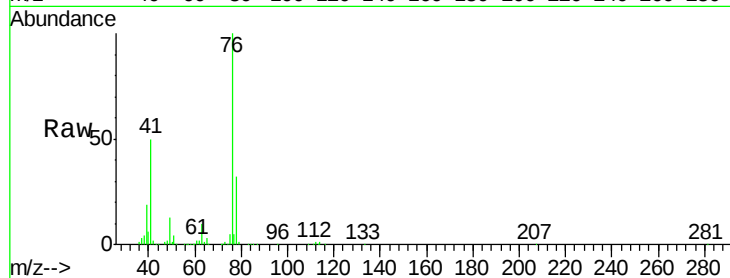
VSTDCCC050

Tgt Ion: 76 Resp: 218527

Ion Ratio Lower Upper

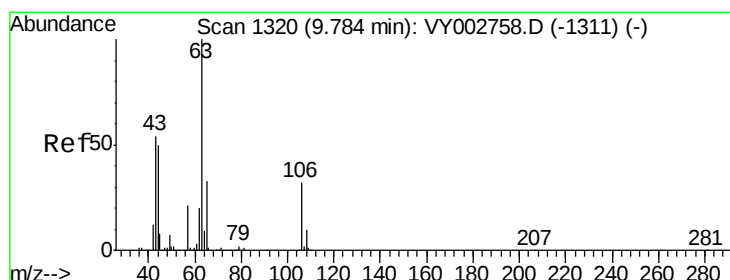
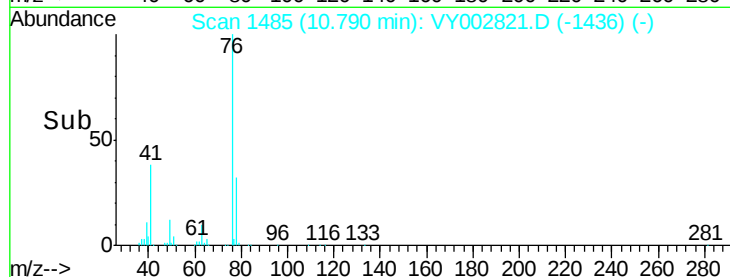
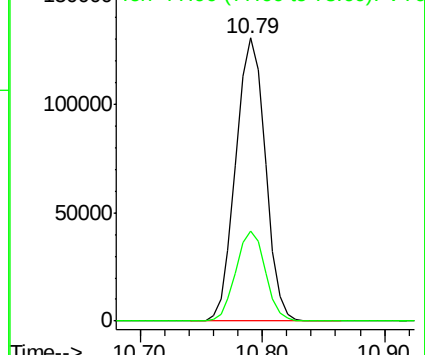
76 100

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: 263.47 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002821.D

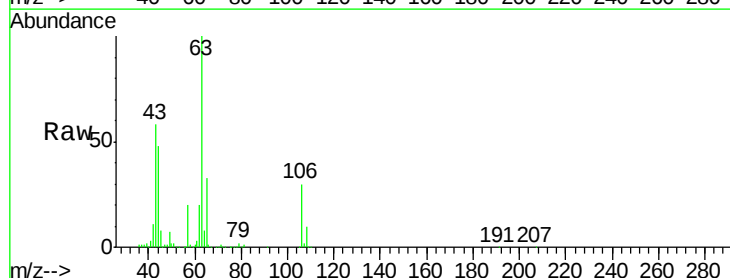
Acq: 03 Jun 2020 10:04

Tgt Ion: 63 Resp: 478659

Ion Ratio Lower Upper

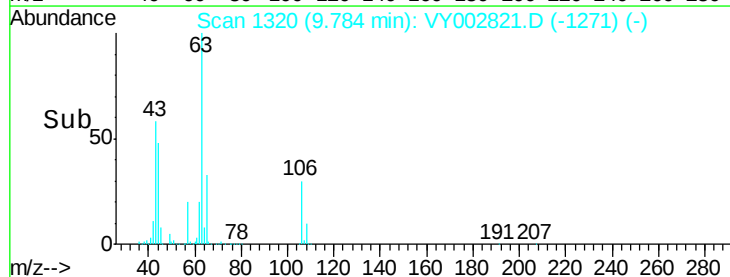
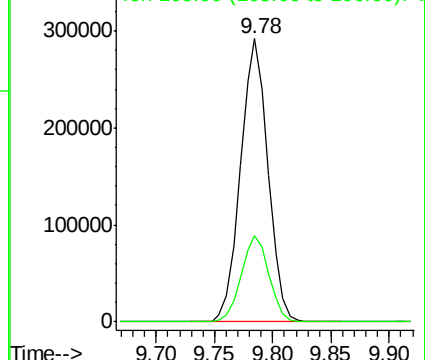
63 100

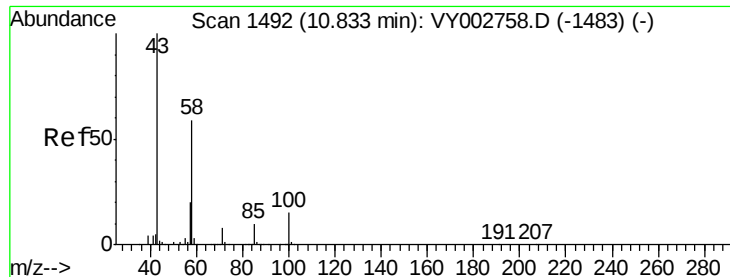
106 30.8 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

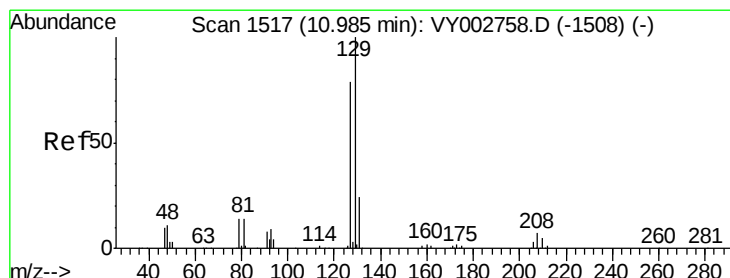
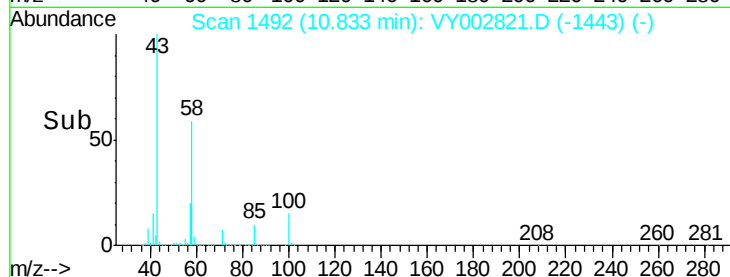
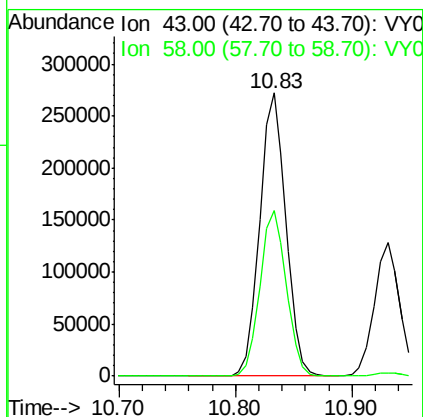
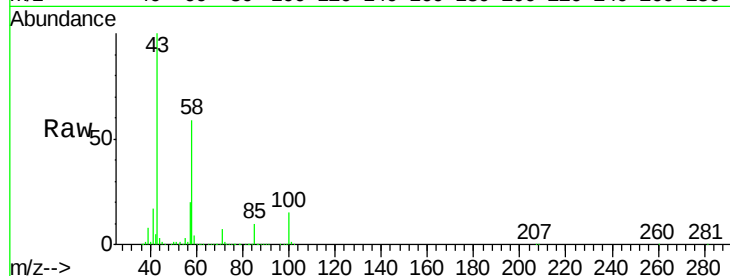




#59
2-Hexanone
Concen: 253.26 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

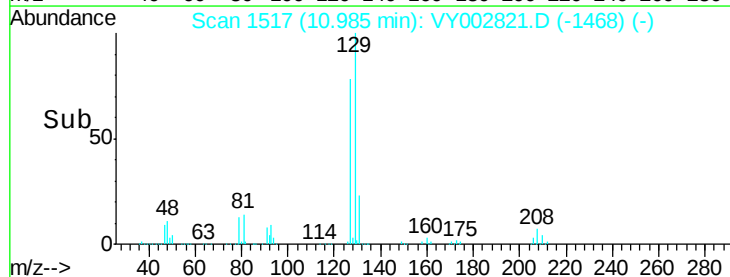
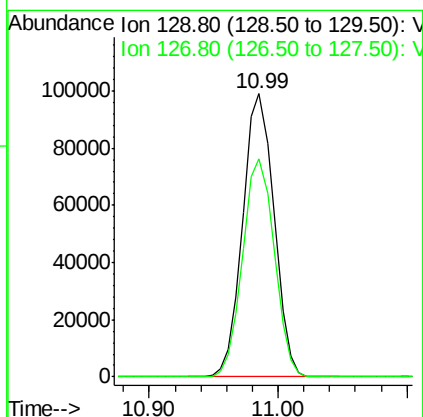
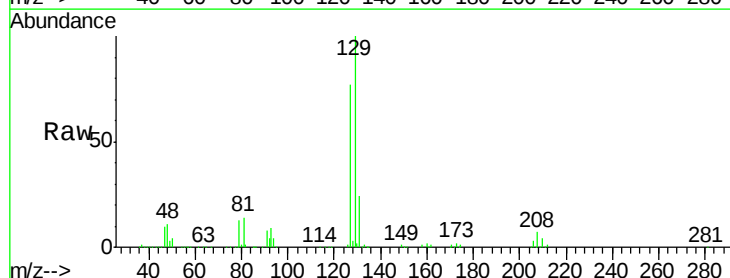
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

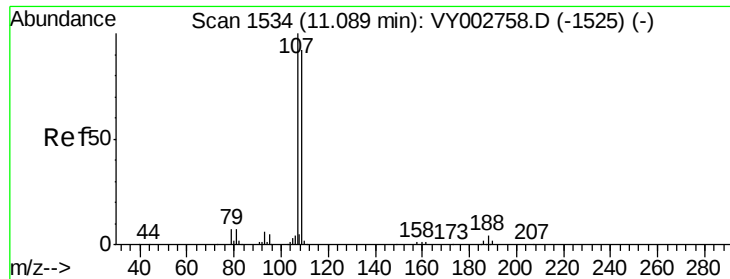
Tgt Ion: 43 Resp: 422698
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 47.34 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 129 Resp: 166613
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3

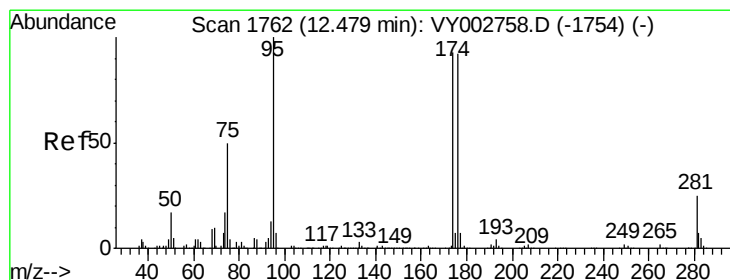
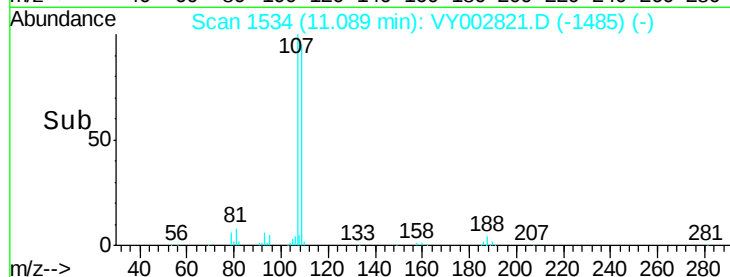
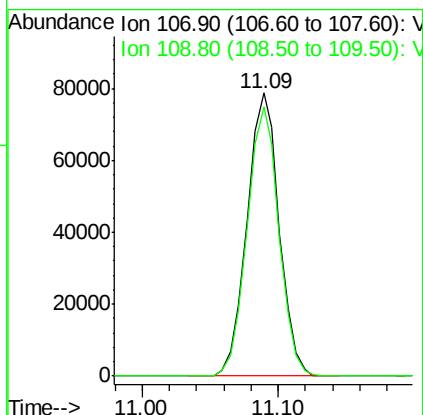
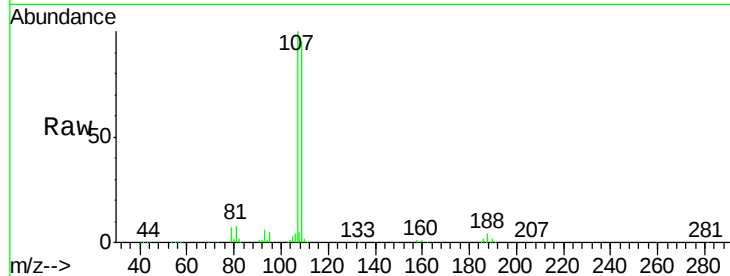




#61
 1,2-Dibromoethane
 Concen: 47.47 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

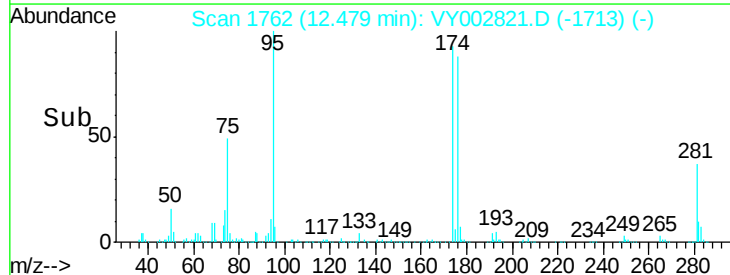
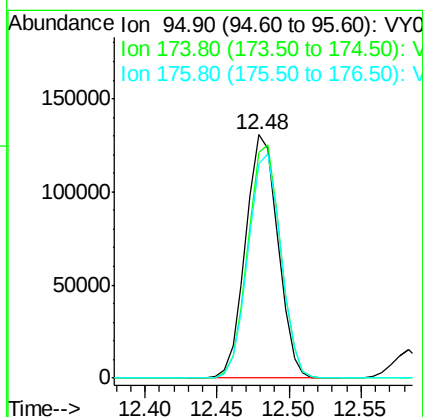
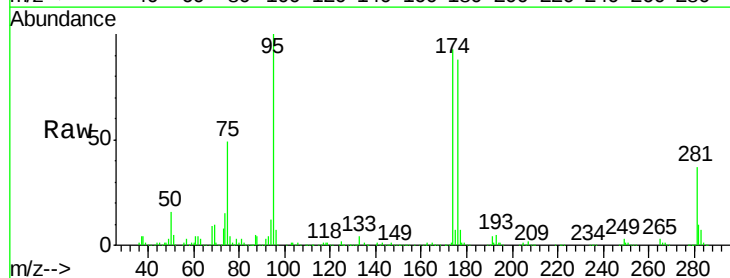
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

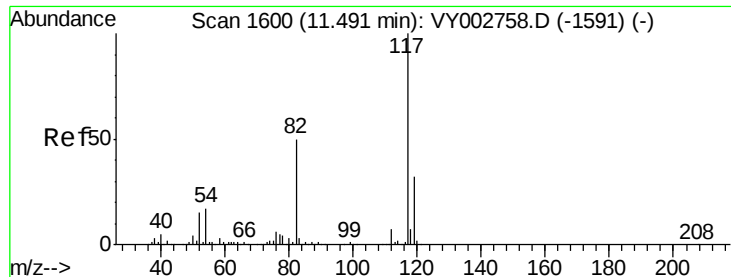
Tgt Ion: 107 Resp: 129981
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.07 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion: 95 Resp: 203248
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 191.2
 176 92.7 0.0 188.8

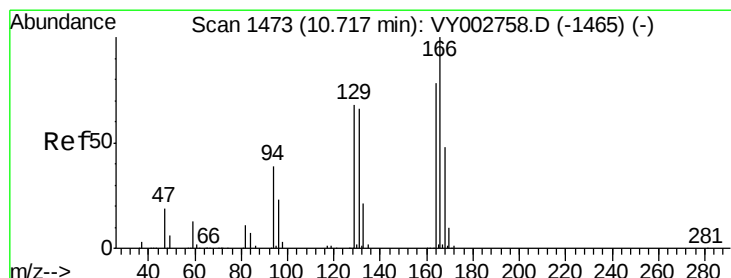
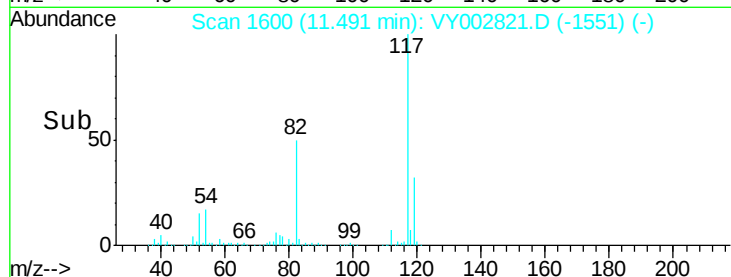
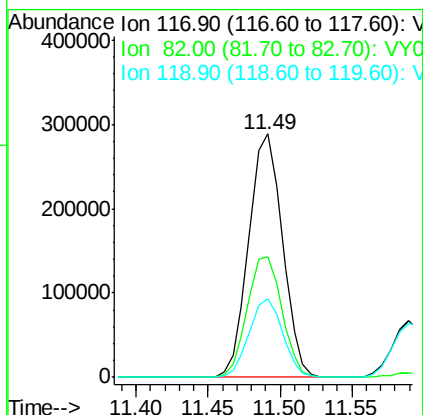
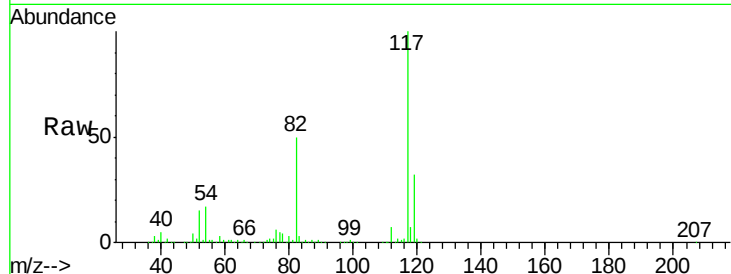




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

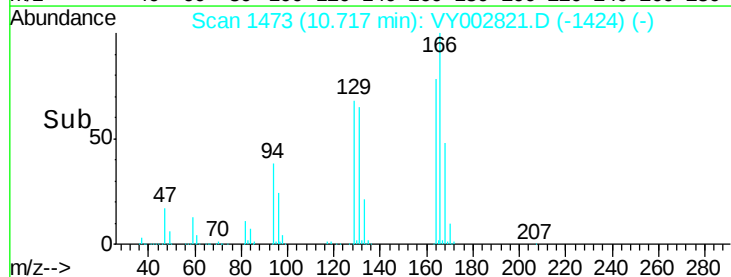
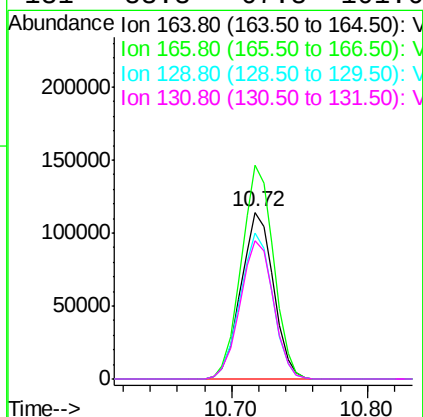
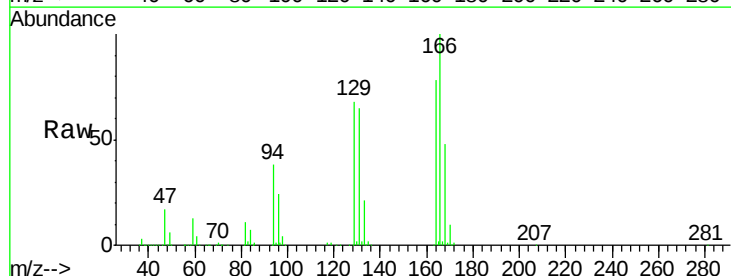
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

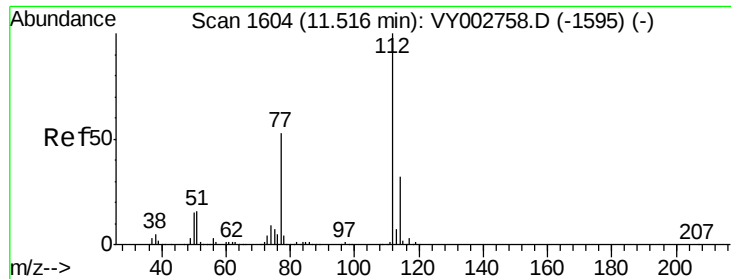
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.2	60.4
119	32.1	25.8	38.8



#64
Tetrachloroethene
Concen: 44.91 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.3	153.5
129	87.7	69.4	104.2
131	83.3	67.8	101.6

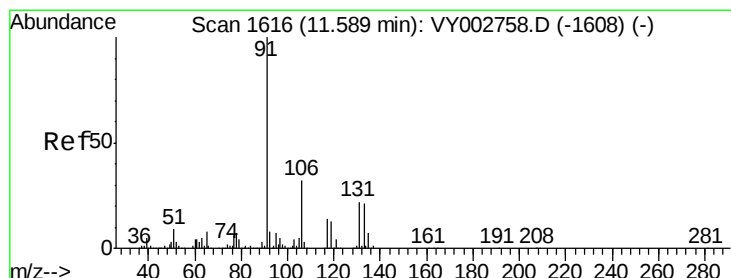
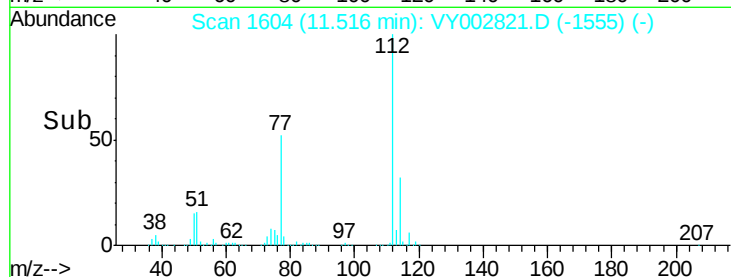
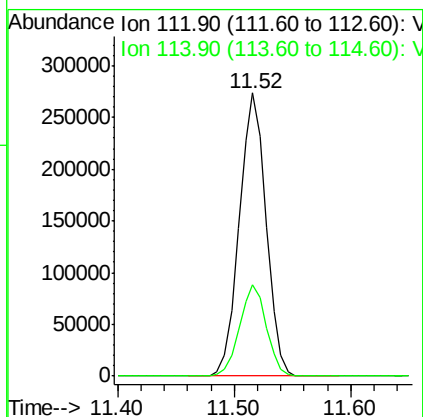
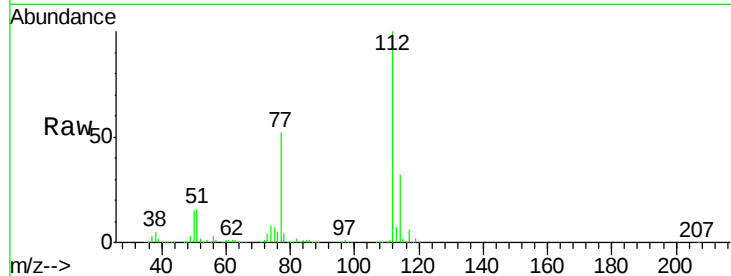




#65
Chlorobenzene
Concen: 47.40 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

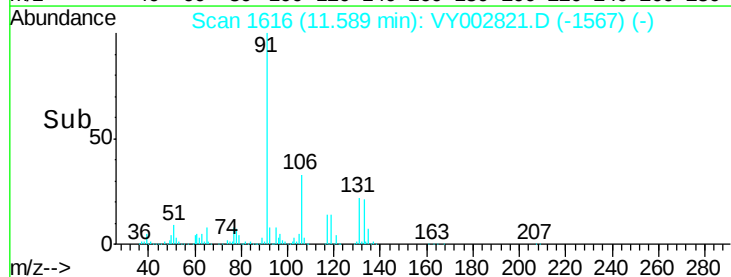
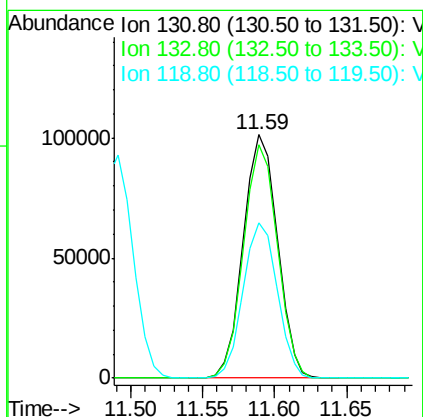
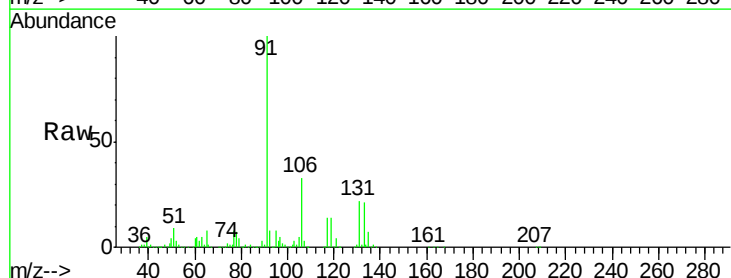
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

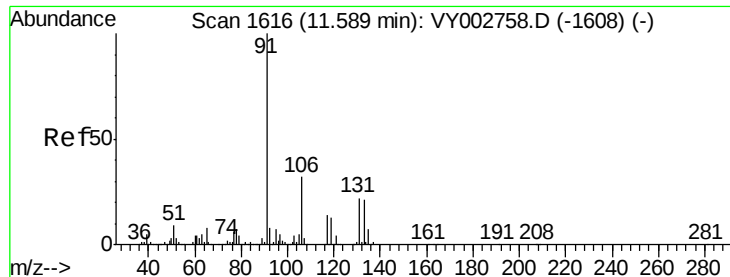
Tgt Ion:112 Resp: 437814
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.02 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion:131 Resp: 167066
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.8
119 63.7 31.7 95.1

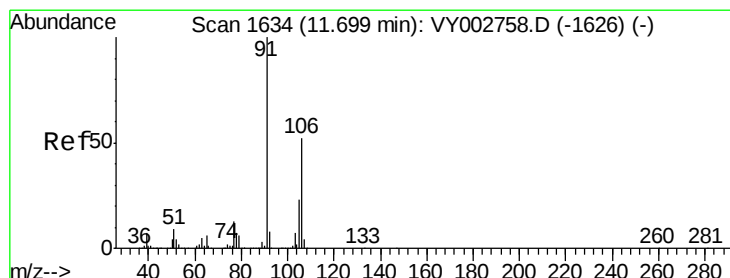
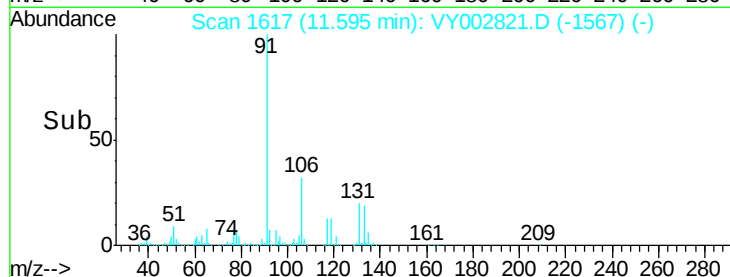
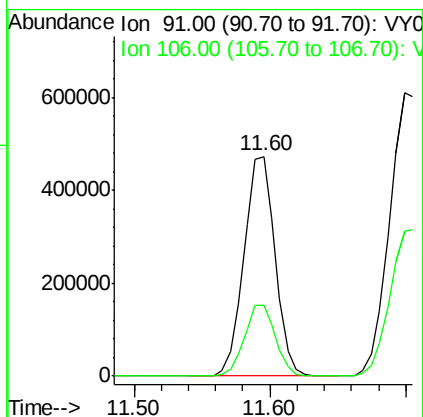
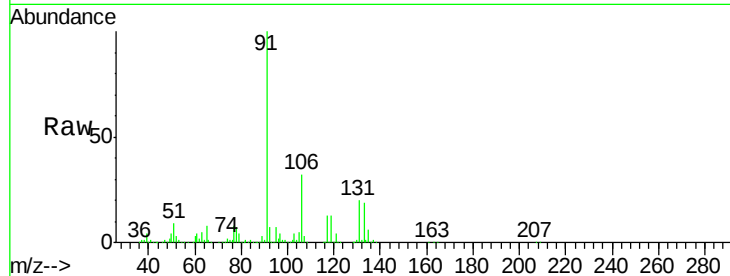




#67
Ethyl Benzene
Concen: 47.28 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

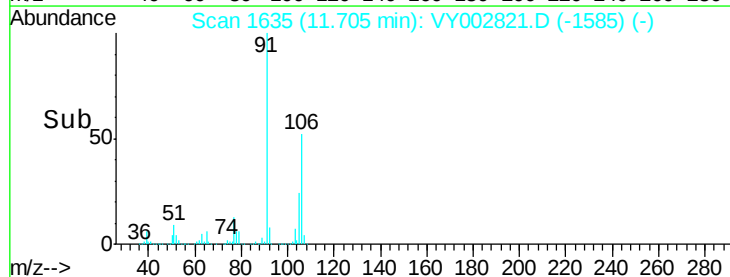
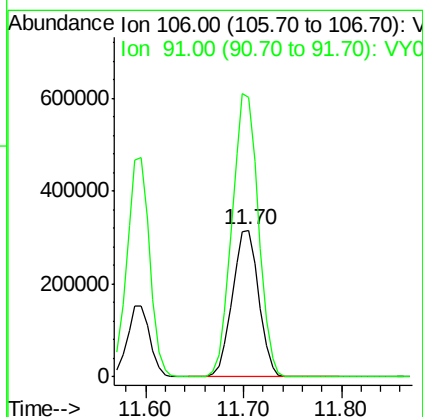
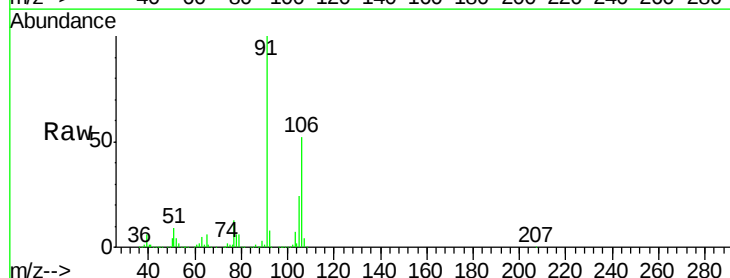
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

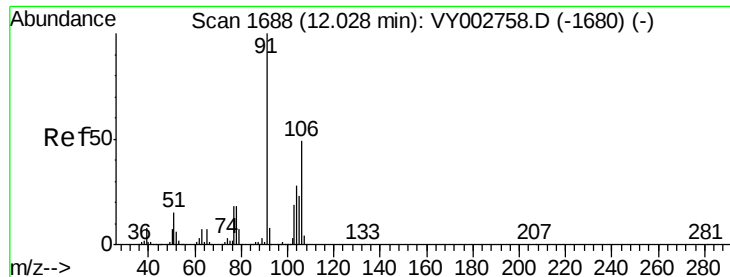
Tgt Ion: 91 Resp: 757224
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 94.91 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 106 Resp: 589319
Ion Ratio Lower Upper
106 100
91 193.1 156.0 234.0

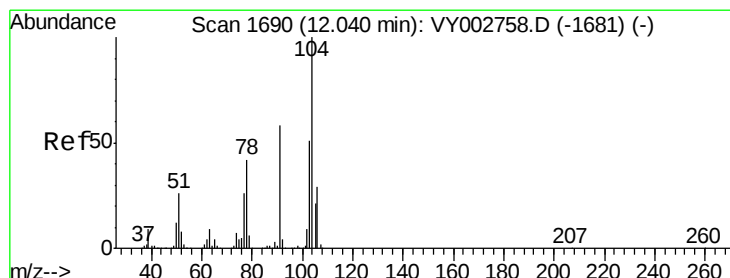
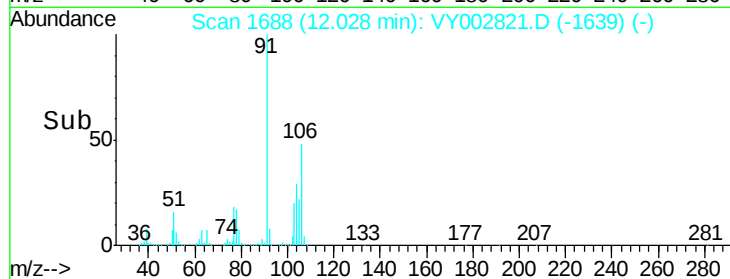
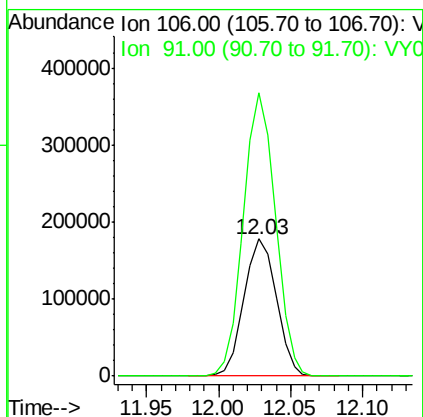
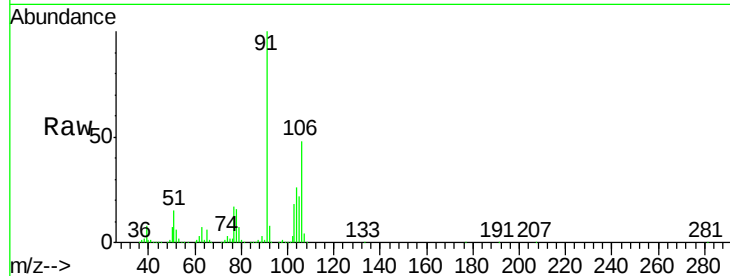




#69
o-Xylene
Concen: 47.49 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

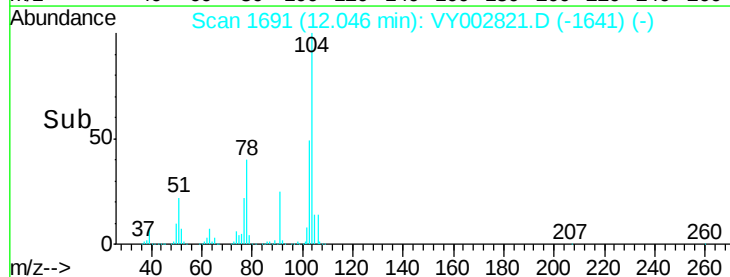
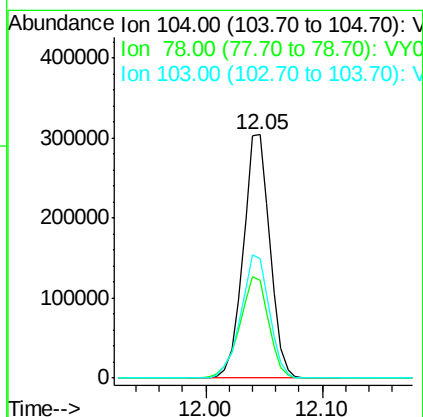
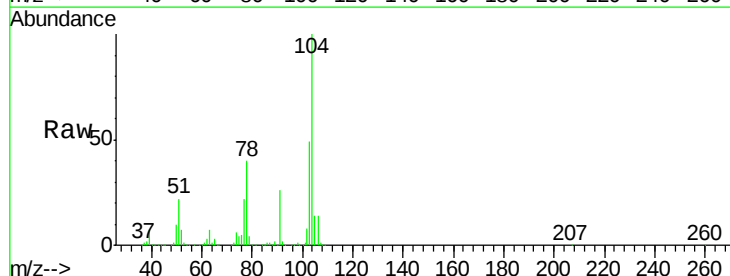
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

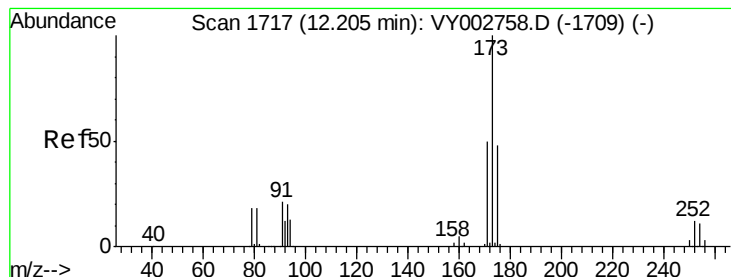
Tgt Ion:106 Resp: 278339
Ion Ratio Lower Upper
106 100
91 203.7 102.4 307.1



#70
Styrene
Concen: 47.74 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion:104 Resp: 485122
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.4
103 54.2 43.6 65.4





#71

Bromoform

Concen: 48.18 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

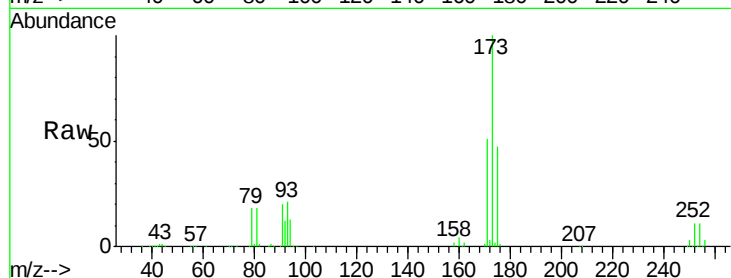
Tgt Ion:173 Resp: 112166

Ion Ratio Lower Upper

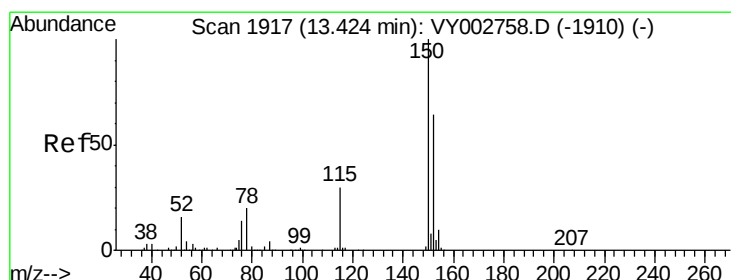
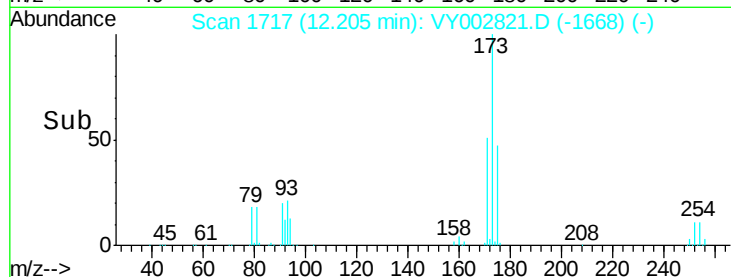
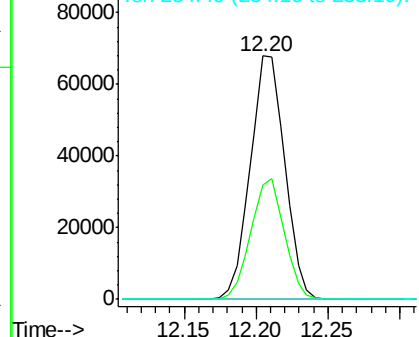
173 100

175 48.2 24.3 72.8

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

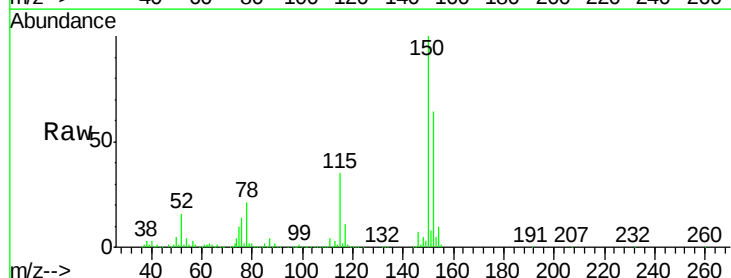
Tgt Ion:152 Resp: 245910

Ion Ratio Lower Upper

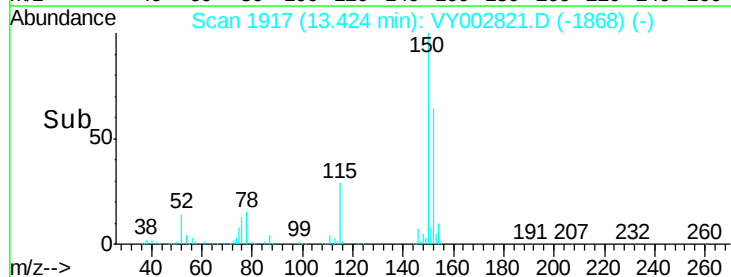
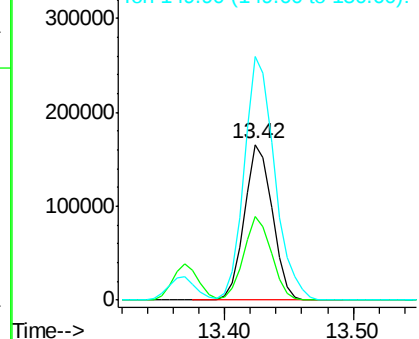
152 100

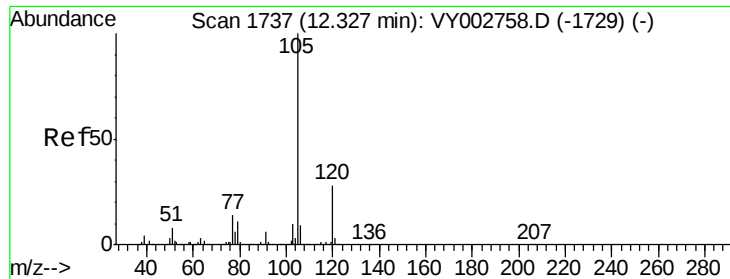
115 53.8 27.0 81.0

150 171.2 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: 47.88 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

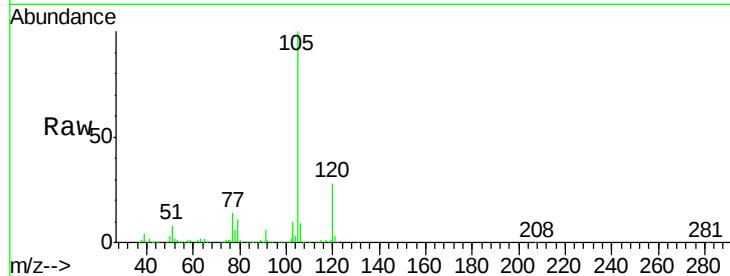
VSTDCCC050

Tgt Ion: 105 Resp: 754489

Ion Ratio Lower Upper

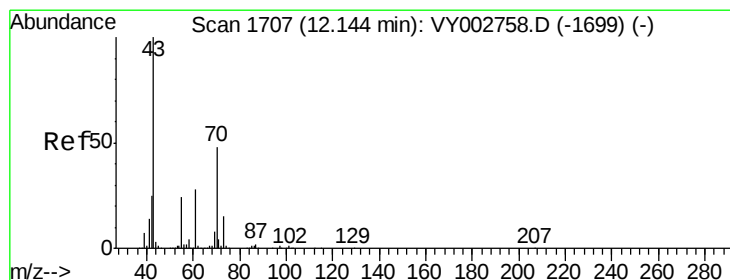
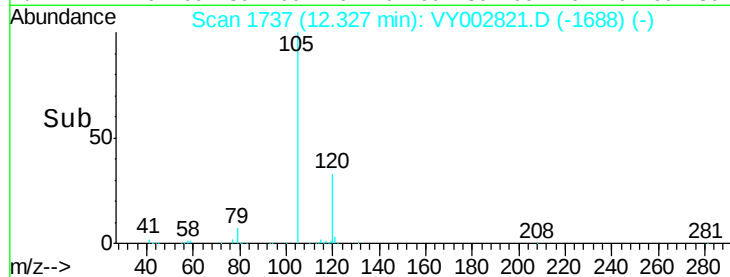
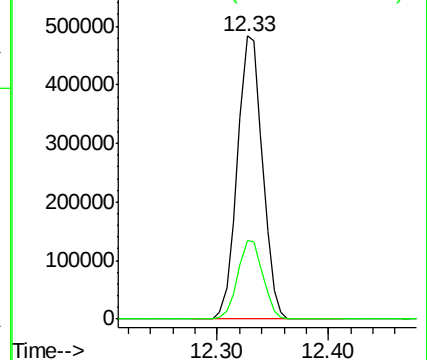
105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.75 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Tgt Ion: 43 Resp: 201167

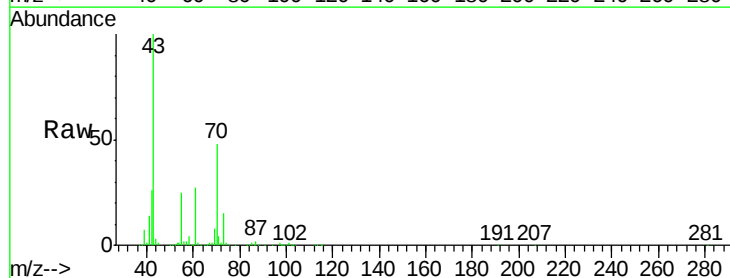
Ion Ratio Lower Upper

43 100

70 47.3 37.7 56.5

55 24.8 19.8 29.6

61 26.7 21.7 32.5

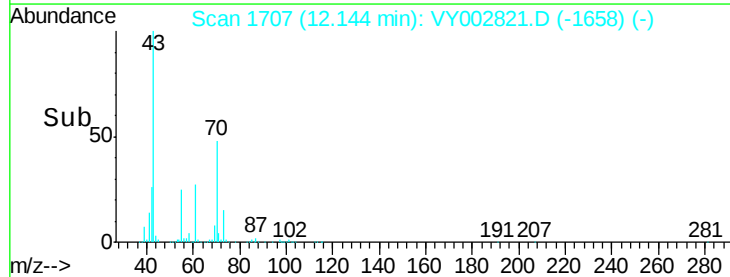
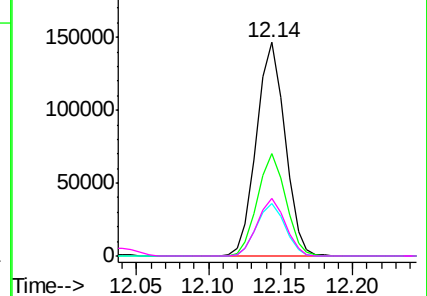


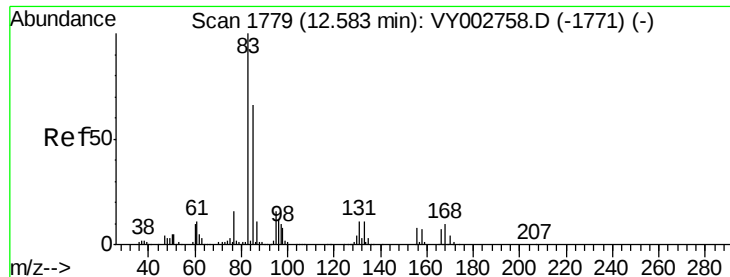
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 50.73 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

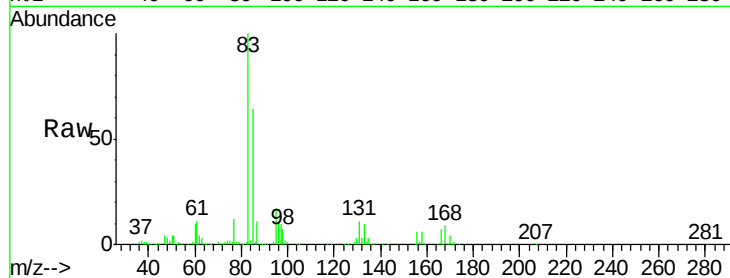
Tgt Ion: 83 Resp: 140270

Ion Ratio Lower Upper

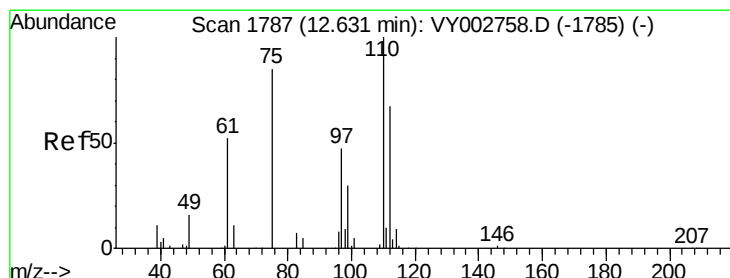
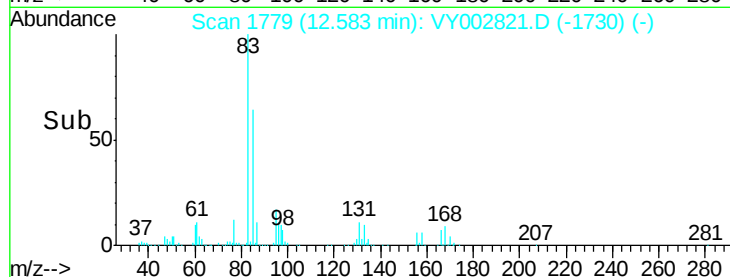
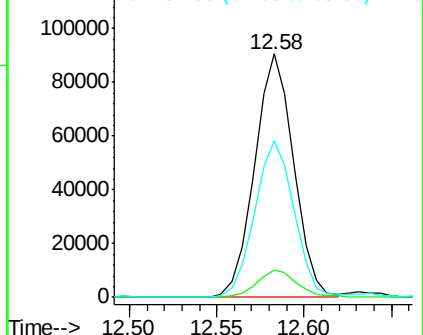
83 100

131 11.5 5.8 17.4

85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 93.29 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002821.D

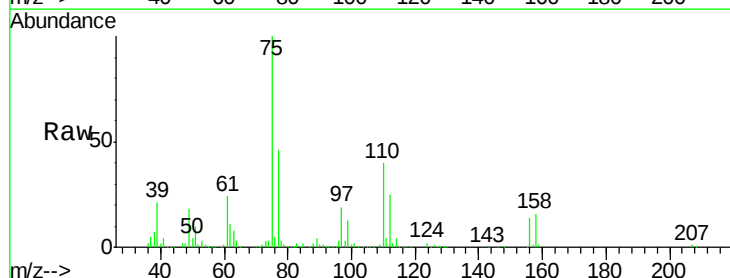
Acq: 03 Jun 2020 10:04

Tgt Ion: 75 Resp: 206712

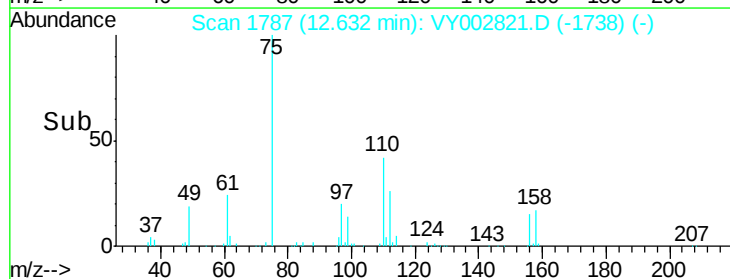
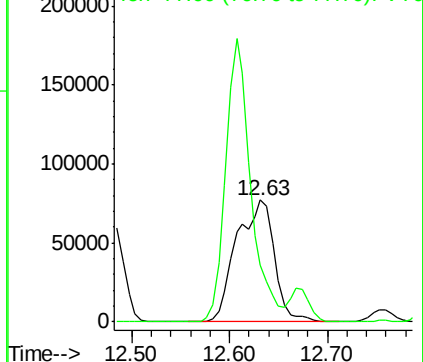
Ion Ratio Lower Upper

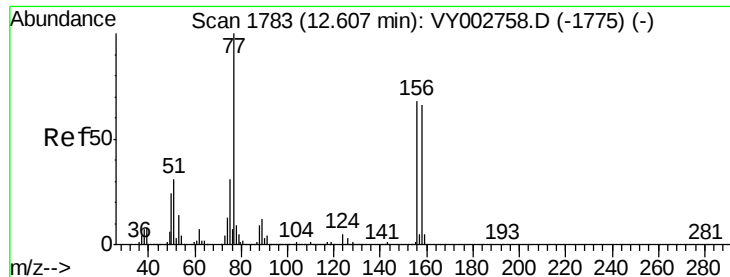
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0

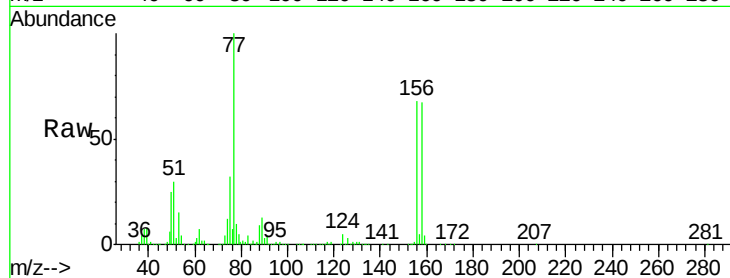




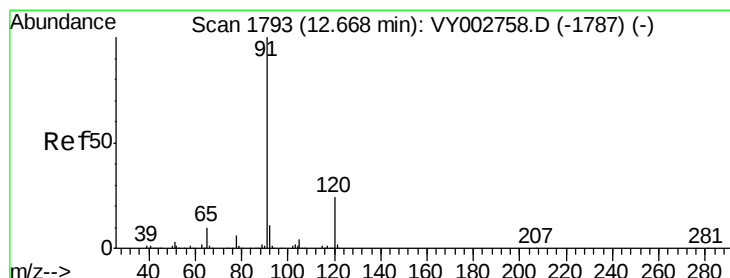
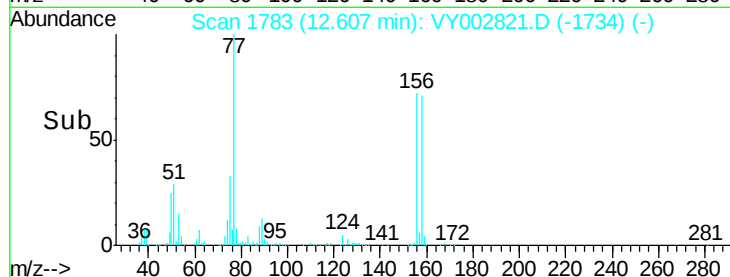
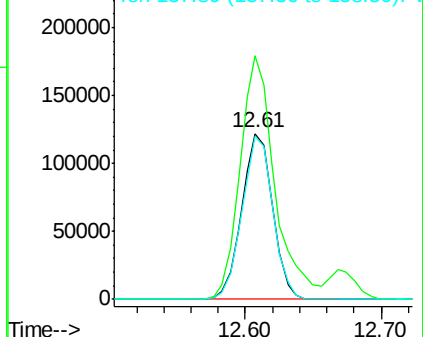
#77
Bromobenzene
Concen: 47.01 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 192881
Ion Ratio Lower Upper
156 100
77 166.2 81.4 244.2
158 98.3 48.5 145.6

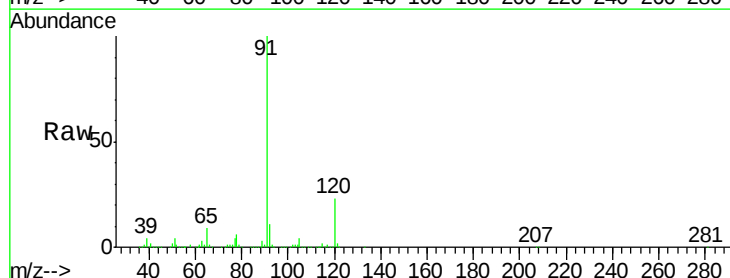


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

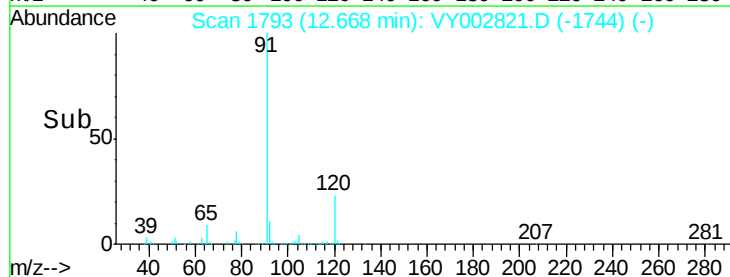
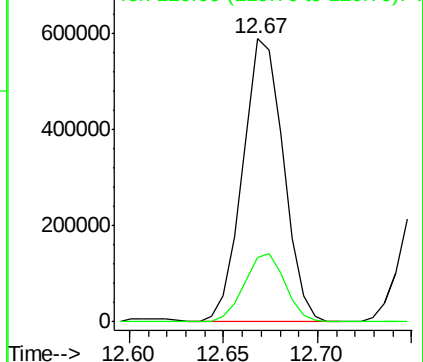


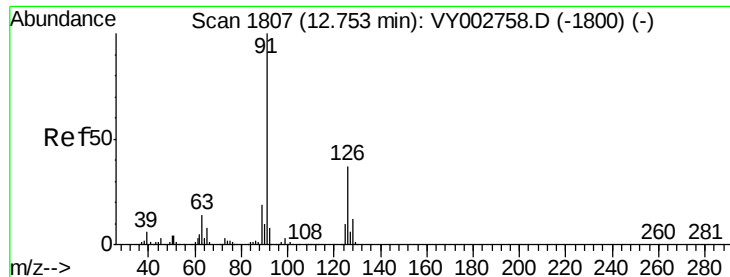
#78
n-propylbenzene
Concen: 48.52 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002821.D
Acq: 03 Jun 2020 10:04

Tgt Ion: 91 Resp: 883146
Ion Ratio Lower Upper
91 100
120 24.2 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: 47.68 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

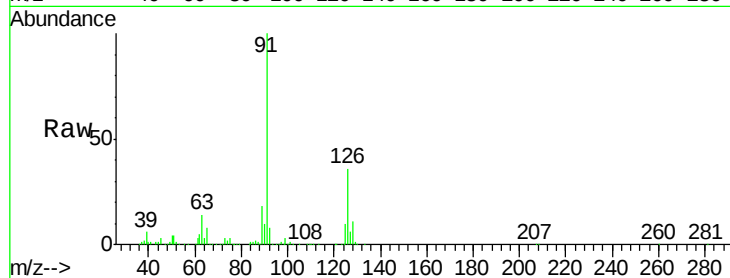
VSTDCCC050

Tgt Ion: 91 Resp: 486874

Ion Ratio Lower Upper

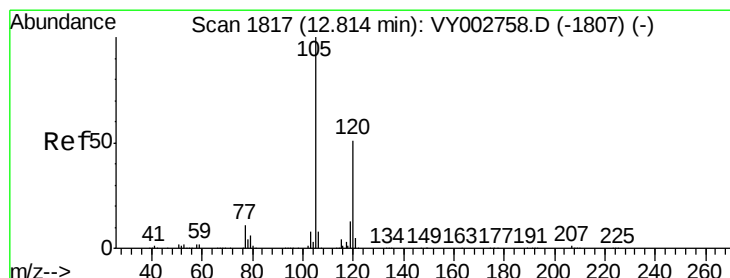
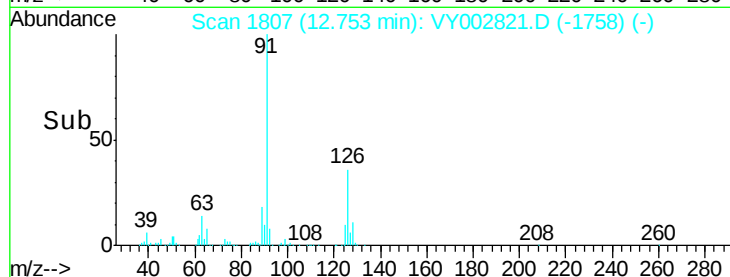
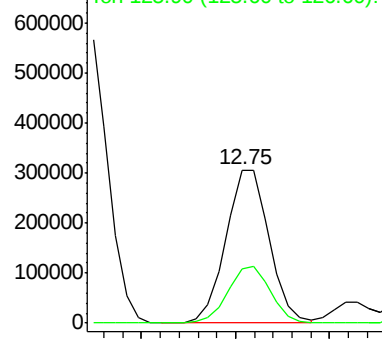
91 100

126 36.6 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.90 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002821.D

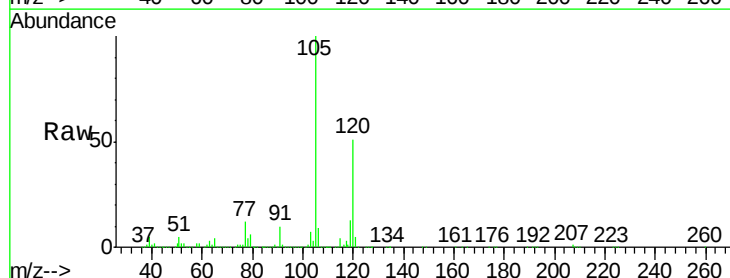
Acq: 03 Jun 2020 10:04

Tgt Ion: 105 Resp: 630296

Ion Ratio Lower Upper

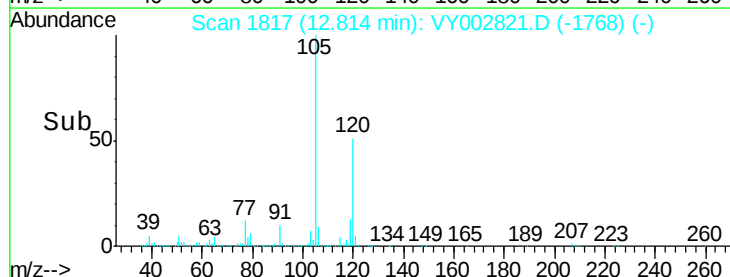
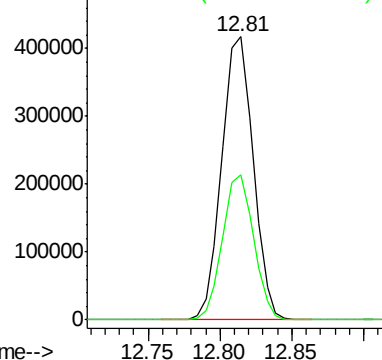
105 100

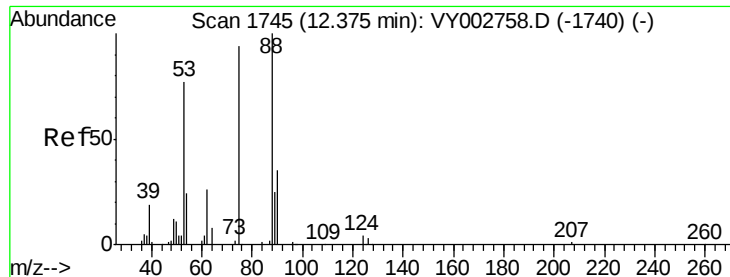
120 50.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.76 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002821.D

Acq: 03 Jun 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

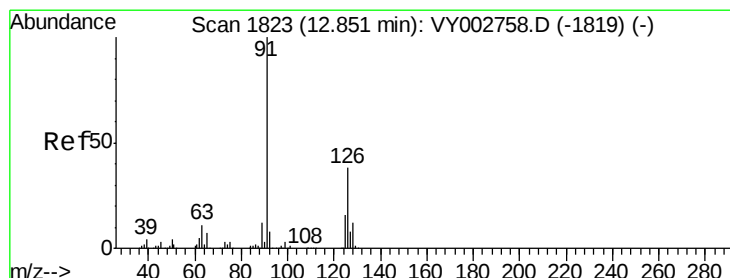
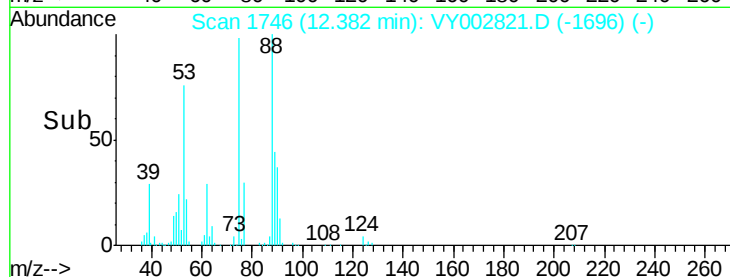
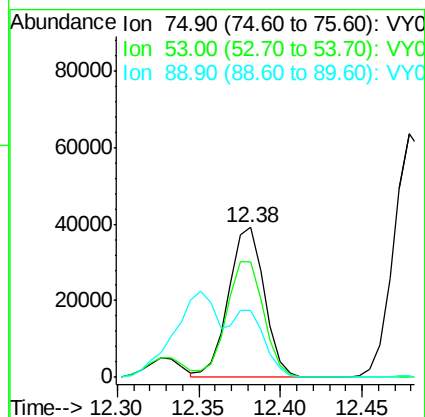
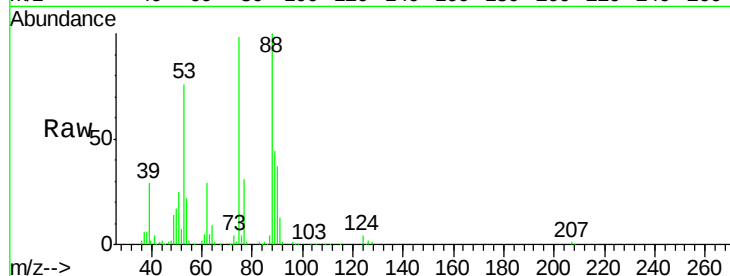
Tgt Ion: 75 Resp: 59700

Ion Ratio Lower Upper

75 100

53 81.0 64.0 96.0

89 0.0 37.4 56.2#



#82

4-Chlorotoluene

Concen: 47.93 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002821.D

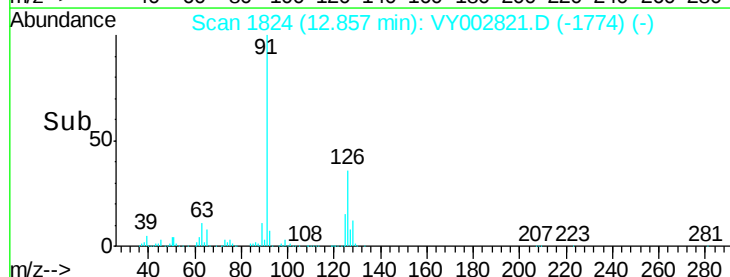
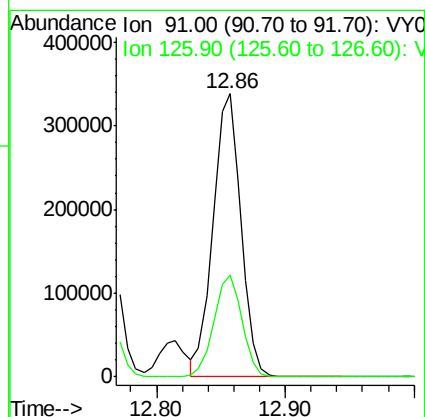
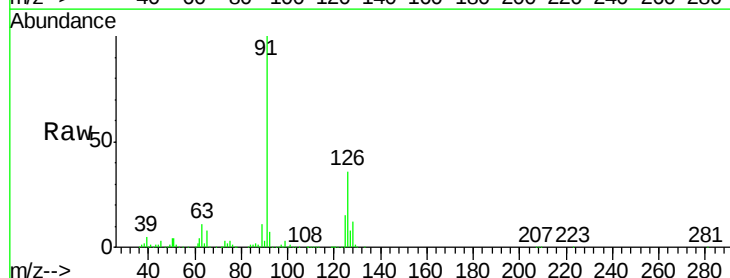
Acq: 03 Jun 2020 10:04

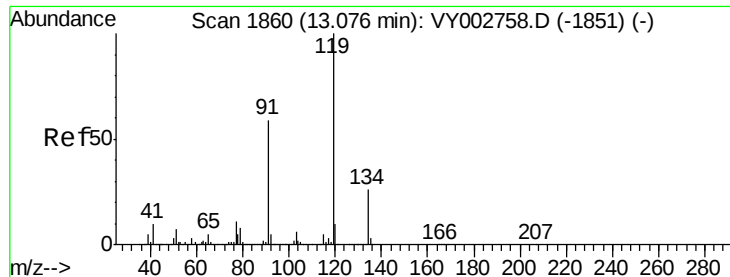
Tgt Ion: 91 Resp: 512772

Ion Ratio Lower Upper

91 100

126 36.5 18.5 55.5

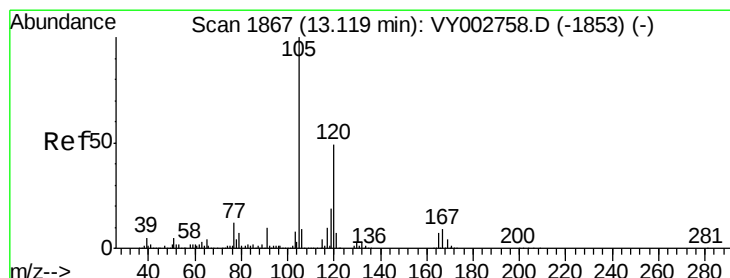
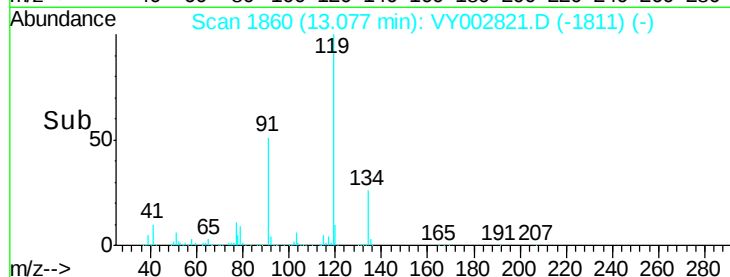
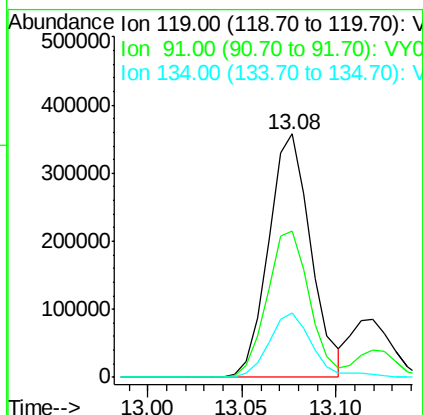
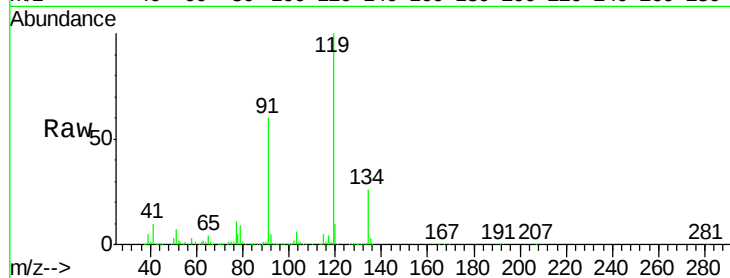




#83
 tert-Butylbenzene
 Concen: 47.45 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

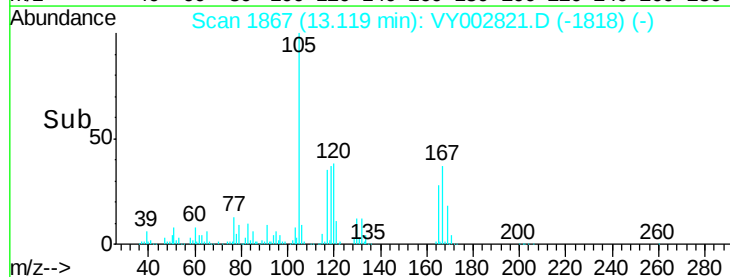
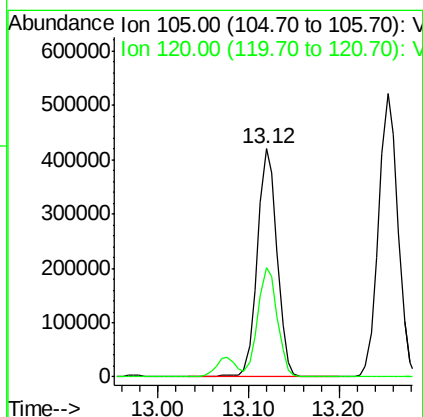
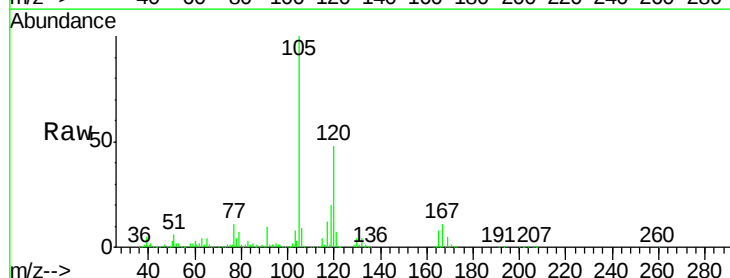
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

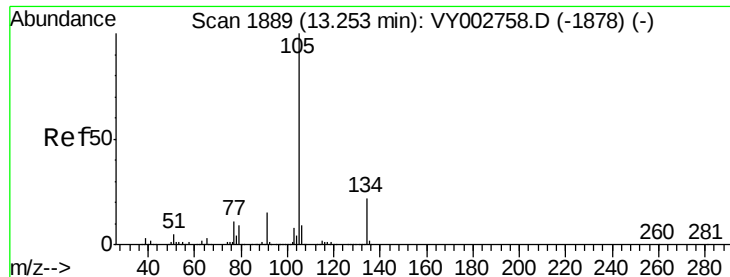
Tgt Ion:119 Resp: 556915
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.8 89.4
 134 27.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.66 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion:105 Resp: 630558
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8

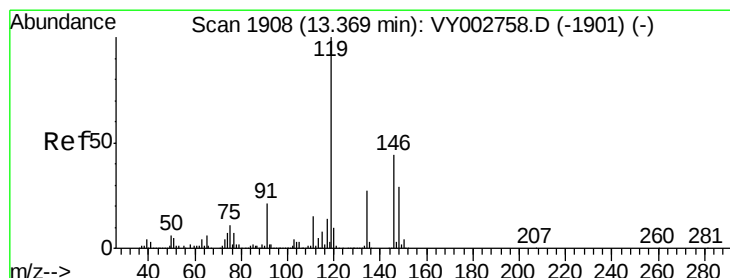
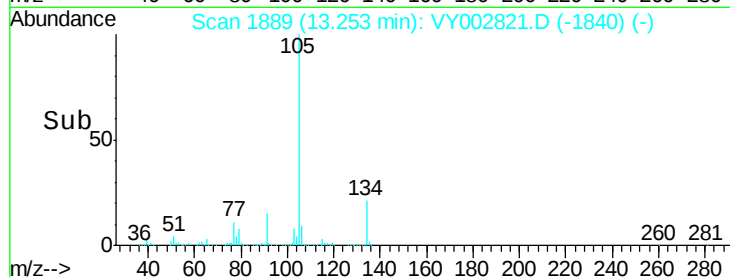
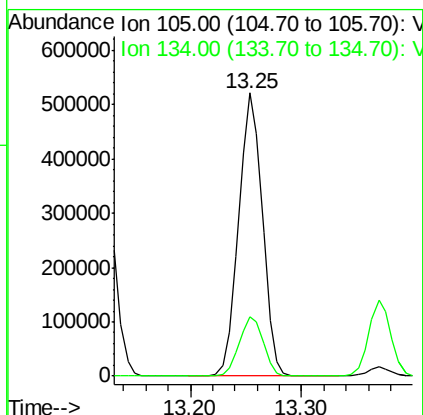
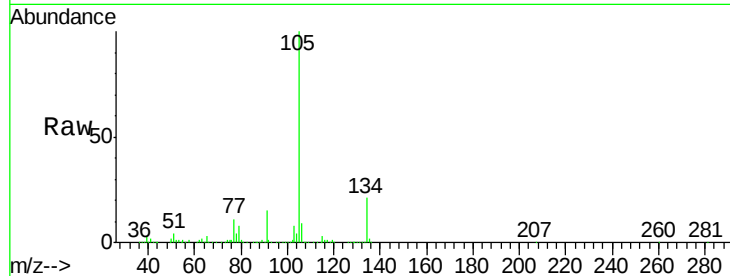




#85
 sec-Butylbenzene
 Concen: 48.05 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

Tgt Ion:105 Resp: 771125
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 47.89 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002821.D
 Acq: 03 Jun 2020 10:04

Tgt Ion:119 Resp: 715189
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.7 41.0
 91 21.7 10.8 32.4

