

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003255.D
 Acq On : 21 Jul 2020 17:41
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Quant Time: Jul 22 02:41:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	418949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	615879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	573299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	310016	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	174970	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	7.72	113	165537	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	10.18	98	615951	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.48	95	217408	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	71165	23.700	ug/l	100
3) Chloromethane	2.12	50	95063	22.824	ug/l	96
4) Vinyl Chloride	2.26	62	97118	22.726	ug/l	98
5) Bromomethane	2.65	94	75431	23.764	ug/l	98
6) Chloroethane	2.79	64	62781	22.367	ug/l	98
7) Trichlorofluoromethane	3.13	101	135869	22.263	ug/l	98
8) Diethyl Ether	3.54	74	47279	23.119	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80894	21.947	ug/l	100
10) Methyl Iodide	4.10	142	75240	18.789	ug/l	97
11) Tert butyl alcohol	4.97	59	46063	120.470	ug/l	98
12) 1,1-Dichloroethene	3.88	96	75772	21.735	ug/l	93
13) Acrolein	3.74	56	28677	86.408	ug/l	97
14) Allyl chloride	4.49	41	127124	24.575	ug/l	94
15) Acrylonitrile	5.18	53	119949	122.104	ug/l	100
16) Acetone	3.96	43	98271	124.417	ug/l	98
17) Carbon Disulfide	4.20	76	240126	22.447	ug/l	100
18) Methyl Acetate	4.49	43	55652	25.371	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	222336	22.758	ug/l	99
20) Methylene Chloride	4.72	84	100157	22.141	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	86174	21.854	ug/l	99
22) Diisopropyl ether	6.13	45	276862	24.115	ug/l	97
23) Vinyl Acetate	6.07	43	898613	117.432	ug/l	99
24) 1,1-Dichloroethane	6.02	63	150720	22.660	ug/l	99
25) 2-Butanone	6.99	43	160866	124.042	ug/l	100
26) 2,2-Dichloropropane	6.99	77	135774	22.667	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	95560	22.011	ug/l	99
28) Bromochloromethane	7.35	49	66043	22.934	ug/l	95
29) Tetrahydrofuran	7.36	42	103706	119.036	ug/l	96
30) Chloroform	7.52	83	153805	22.452	ug/l	98
31) Cyclohexane	7.79	56	143398	22.295	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	137166	22.241	ug/l	98
36) 1,1-Dichloropropene	7.93	75	118920	21.305	ug/l	99
37) Ethyl Acetate	7.08	43	71333	23.730	ug/l	97
38) Carbon Tetrachloride	7.91	117	126735	21.993	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	147151	20.985	ug/l	95
40) Benzene	8.16	78	339920	22.116	ug/l	97
41) Methacrylonitrile	7.36	41	96611	53.363	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	104598	22.106	ug/l	99
43) Isopropyl Acetate	8.28	43	131948	22.677	ug/l	99
44) Trichloroethene	8.94	130	98333	20.870	ug/l	97
45) 1,2-Dichloropropane	9.22	63	90217	22.685	ug/l	97
46) Dibromomethane	9.31	93	51022	21.966	ug/l	99
47) Bromodichloromethane	9.50	83	122853	22.238	ug/l	100
48) Methyl methacrylate	9.30	41	60028	23.077	ug/l	96
49) 1,4-Dioxane	9.30	88	13216	448.301	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	352362	116.510	ug/l	97
52) Toluene	10.24	92	213687	21.752	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	126380	22.080	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	148479	22.514	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	72409	21.999	ug/l	96
56) Ethyl methacrylate	10.51	69	99778	22.297	ug/l	97
57) 1,3-Dichloropropane	10.79	76	127001	22.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	254108	111.343	ug/l	98
59) 2-Hexanone	10.83	43	245408	116.242	ug/l	99
60) Dibromochloromethane	10.99	129	90584	21.881	ug/l	99
61) 1,2-Dibromoethane	11.09	107	68788	21.175	ug/l	98
64) Tetrachloroethene	10.72	164	105503	20.639	ug/l	97
65) Chlorobenzene	11.52	112	235179	21.294	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	89704	20.912	ug/l	99
67) Ethyl Benzene	11.59	91	422248	21.413	ug/l	97
68) m/p-Xylenes	11.70	106	319170	42.657	ug/l	99
69) o-Xylene	12.03	106	150360	21.511	ug/l	99
70) Styrene	12.04	104	257957	21.573	ug/l	99
71) Bromoform	12.20	173	59591	21.166	ug/l #	100
73) Isopropylbenzene	12.33	105	409090	20.707	ug/l	100
74) N-amyl acetate	12.14	43	122412	22.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	83943	22.000	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	115287	42.012	ug/l #	100
77) Bromobenzene	12.61	156	105806	21.010	ug/l	99
78) n-propylbenzene	12.67	91	490253	21.052	ug/l	99
79) 2-Chlorotoluene	12.75	91	270501	20.819	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	349952	21.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	29835	21.159	ug/l	98
82) 4-Chlorotoluene	12.85	91	284078	20.947	ug/l	100
83) tert-Butylbenzene	13.07	119	306168	21.073	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	349391	21.089	ug/l	100
85) sec-Butylbenzene	13.25	105	421793	21.122	ug/l	100
86) p-Isopropyltoluene	13.37	119	389755	20.903	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	199290	20.927	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	201872	21.411	ug/l	100
89) n-Butylbenzene	13.69	91	372868	21.260	ug/l	99
90) Hexachloroethane	13.96	117	73291	21.585	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	183787	21.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14532	23.492	ug/l	98

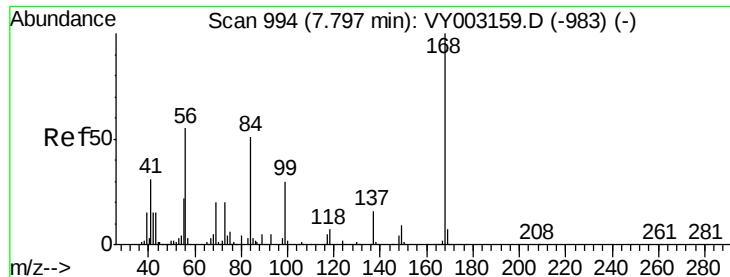
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
Data File : VY003255.D
Acq On : 21 Jul 2020 17:41
Operator : SY/MD
Sample : VY0721SBS01
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Quant Time: Jul 22 02:41:48 2020
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	136290	22.924	ug/l	99
94) Hexachlorobutadiene	15.11	225	86338	21.193	ug/l	99
95) Naphthalene	15.23	128	245261	24.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	115712	24.621	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

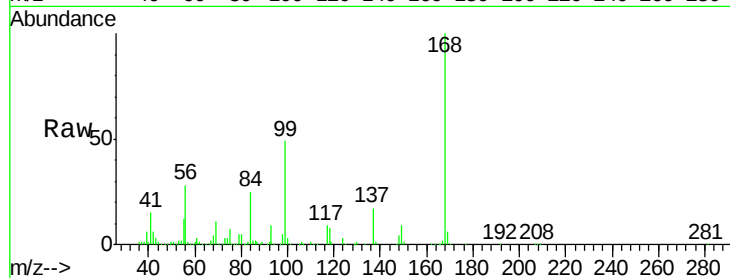
VY0721SBS01

Tot Ion:168 Resp: 418949

Ion Ratio Lower Upper

168 100

99 49.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

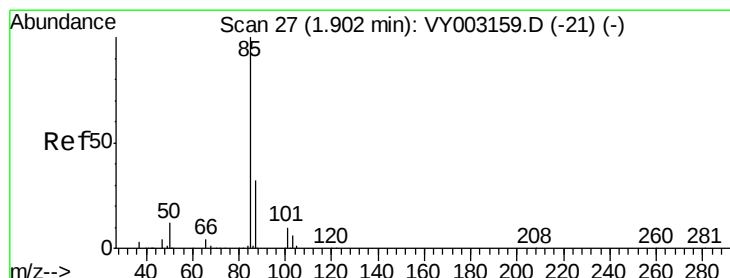
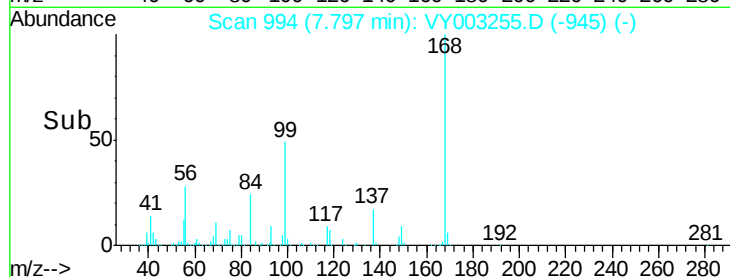
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.700 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003255.D

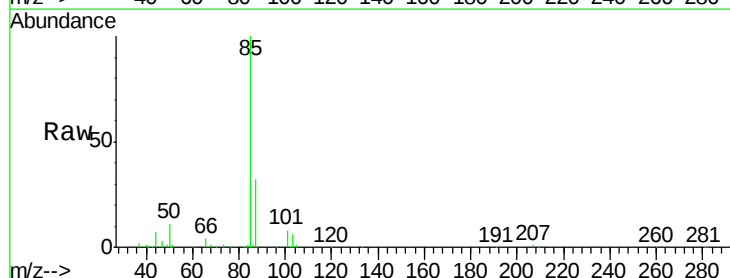
Acq: 21 Jul 2020 17:41

Tgt Ion: 85 Resp: 71165

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.90

50000

40000

30000

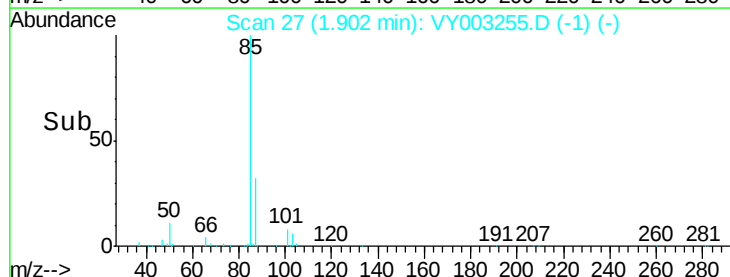
20000

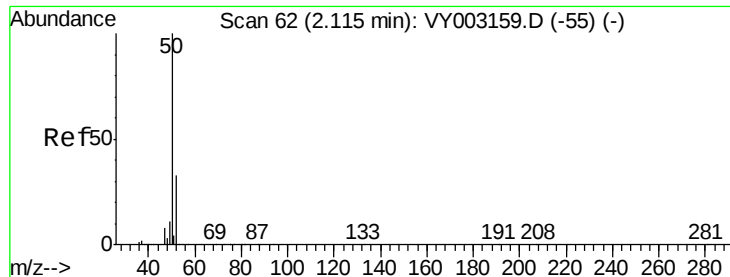
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.824 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

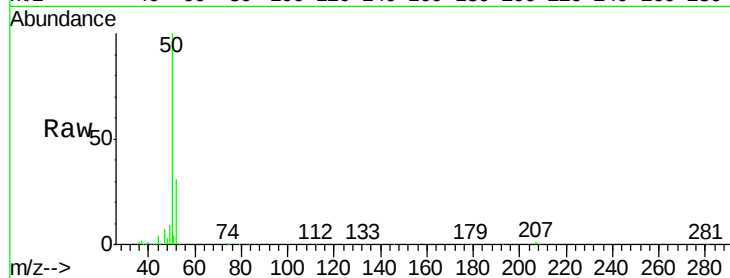
VY0721SBS01

Tot Ion: 50 Resp: 95063

Ion Ratio Lower Upper

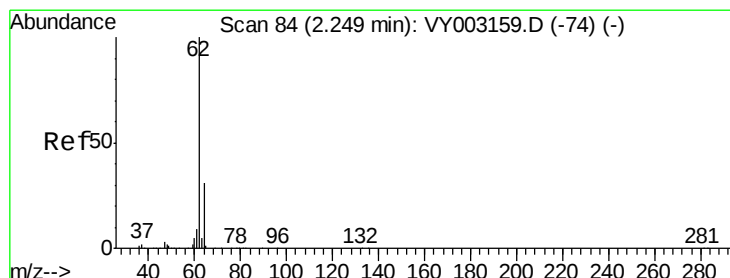
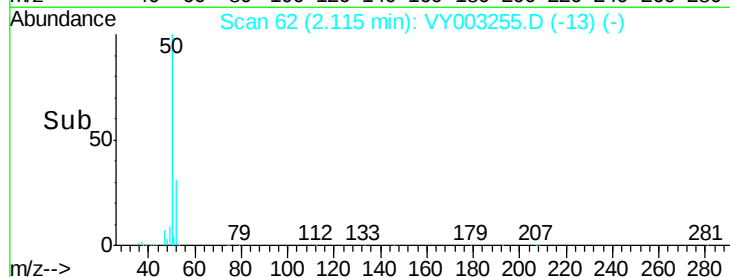
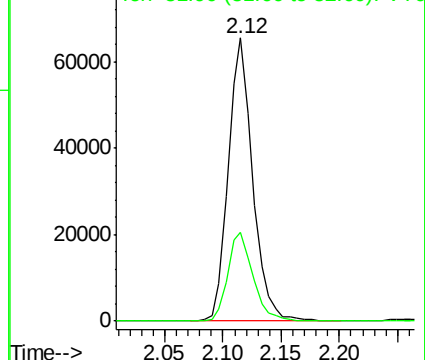
50 100

52 31.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.726 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003255.D

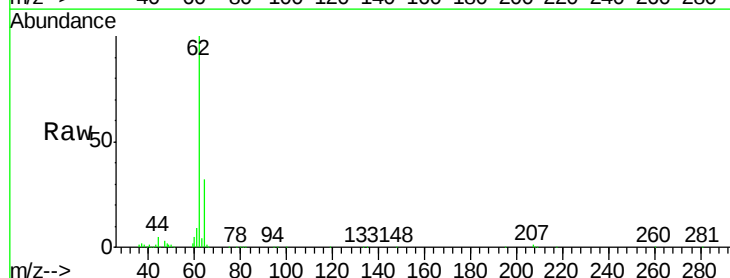
Acq: 21 Jul 2020 17:41

Tgt Ion: 62 Resp: 97118

Ion Ratio Lower Upper

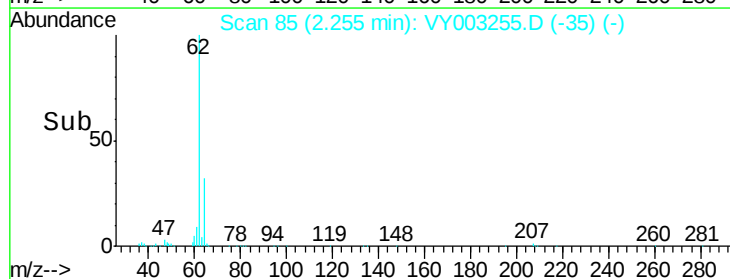
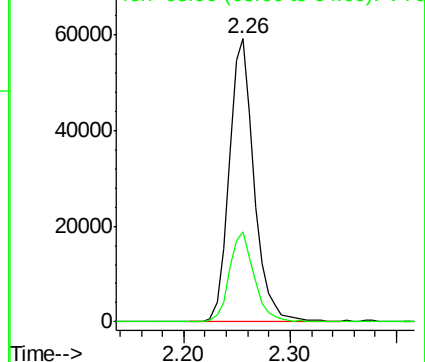
62 100

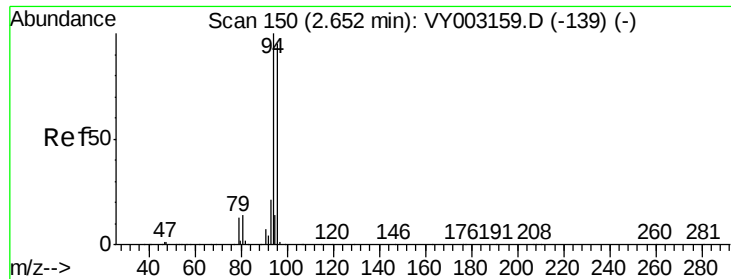
64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.764 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

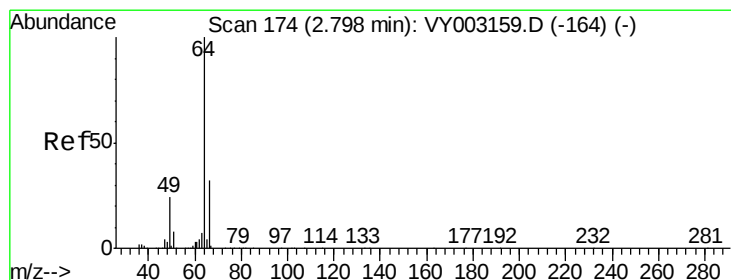
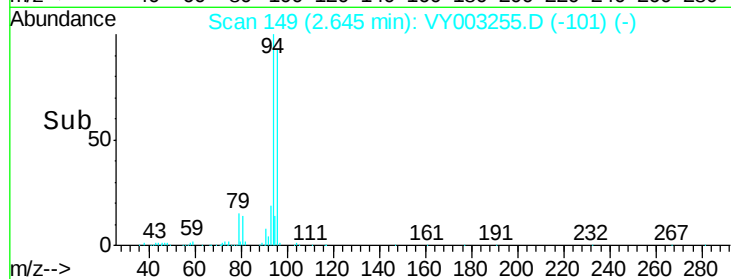
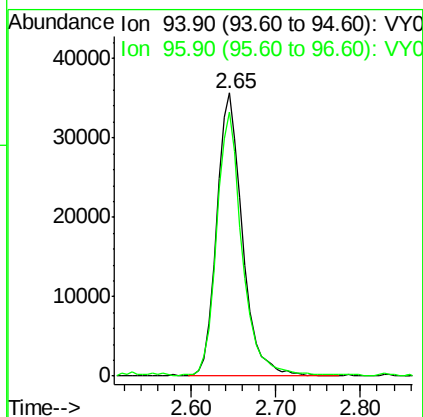
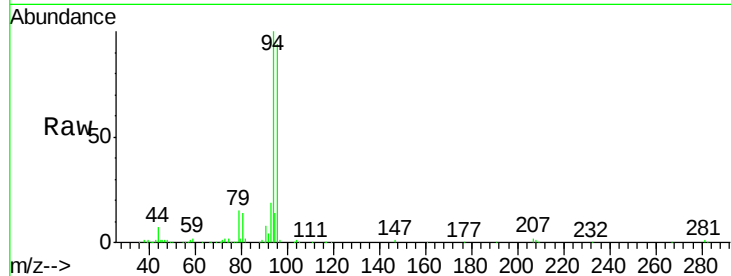
VY0721SBS01

Tot Ion: 94 Resp: 75431

Ion Ratio Lower Upper

94 100

96 93.0 76.0 114.0



#6

Chloroethane

Concen: 22.367 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003255.D

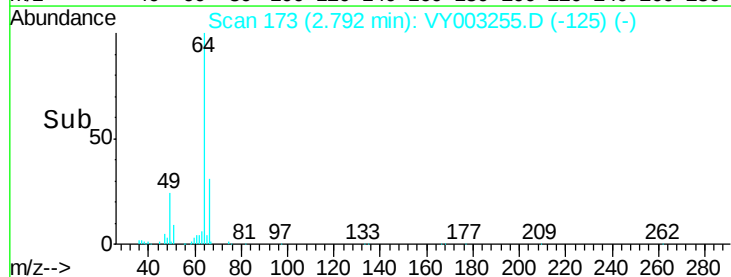
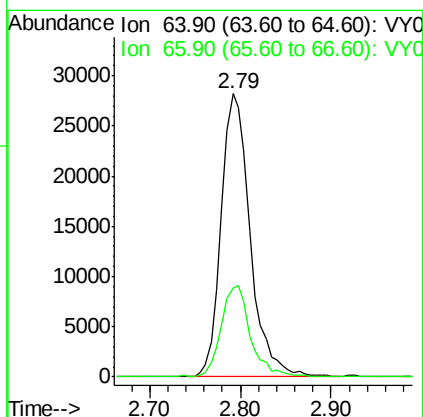
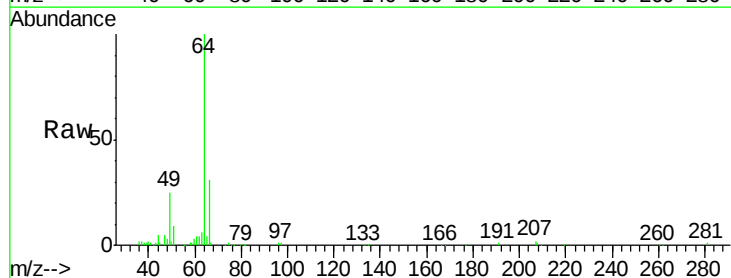
Acq: 21 Jul 2020 17:41

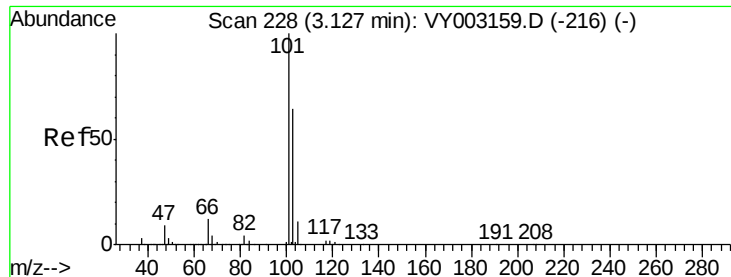
Tgt Ion: 64 Resp: 62781

Ion Ratio Lower Upper

64 100

66 31.4 26.0 39.0



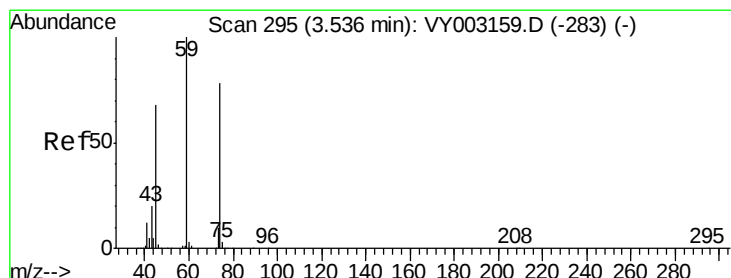
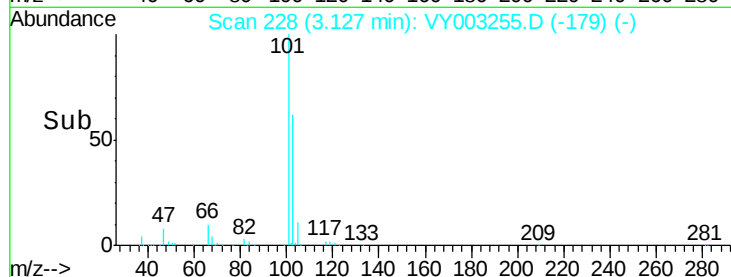
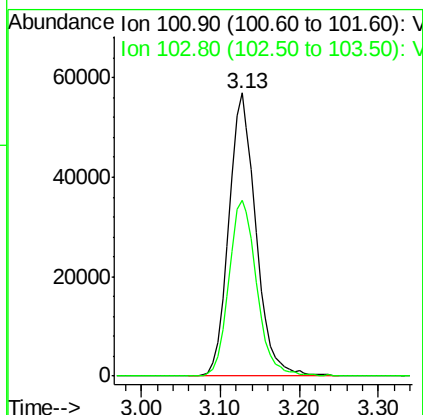
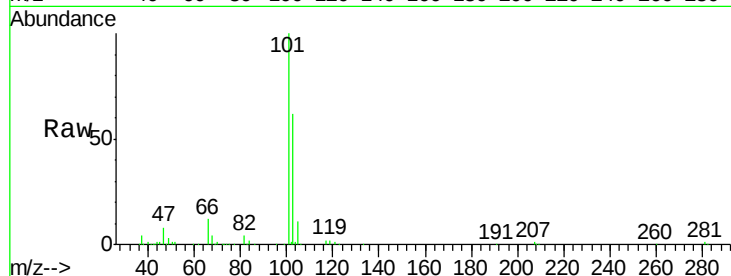


#7

Trichlorofluoromethane
 Concen: 22.263 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

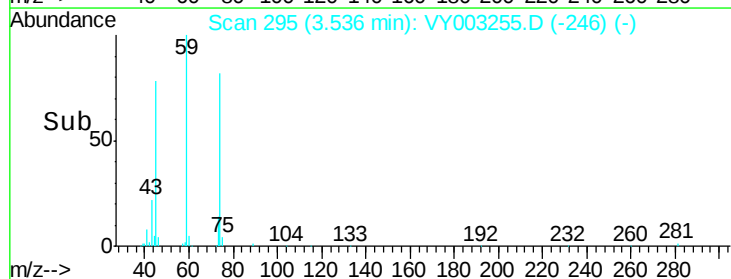
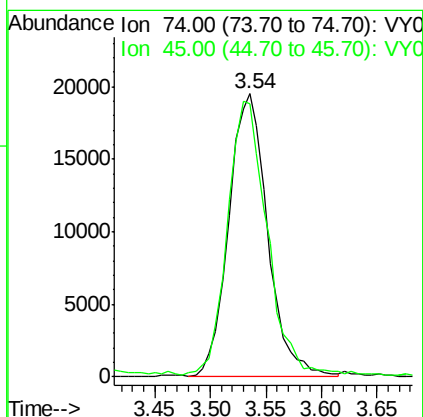
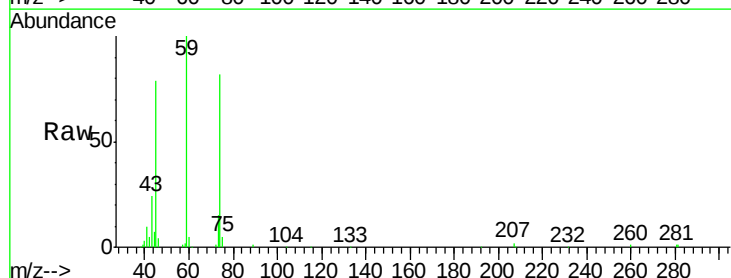
Tot Ion:101 Resp: 135869
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.3 76.9

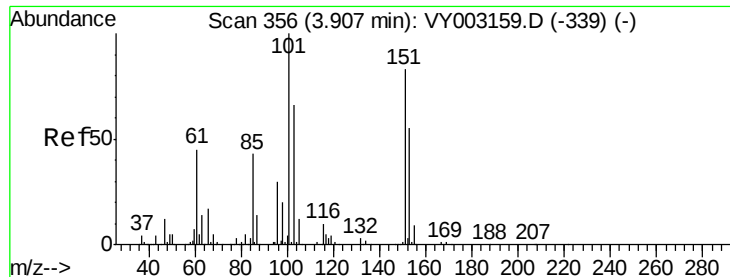


#8

Diethyl Ether
 Concen: 23.119 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion: 74 Resp: 47279
 Ion Ratio Lower Upper
 74 100
 45 98.6 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.947 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

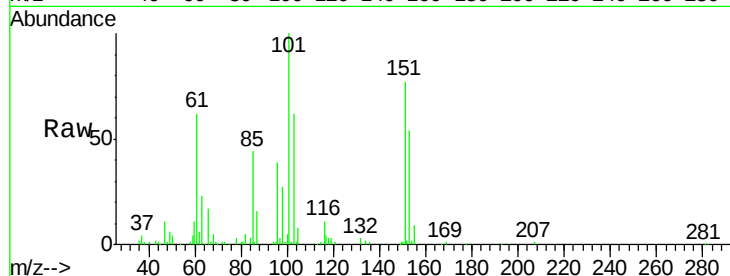
Tot Ion:101 Resp: 80894

Ion Ratio Lower Upper

101 100

85 43.4 34.9 52.3

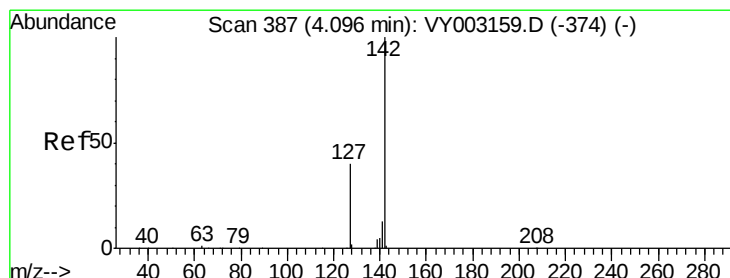
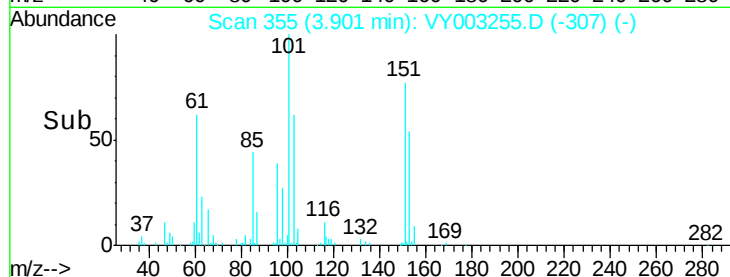
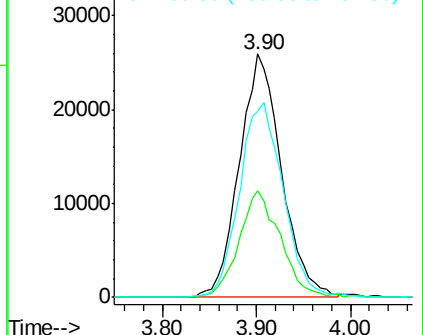
151 83.5 67.0 100.6



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: 18.789 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

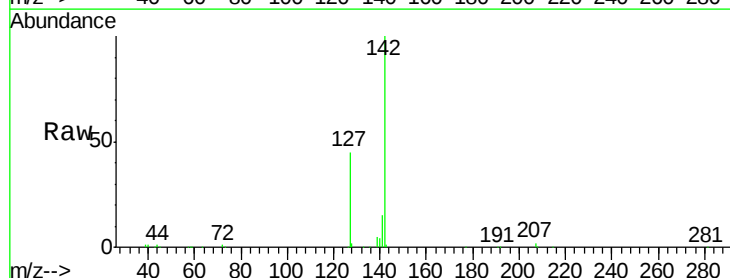
Tgt Ion:142 Resp: 75240

Ion Ratio Lower Upper

142 100

127 44.1 33.5 50.3

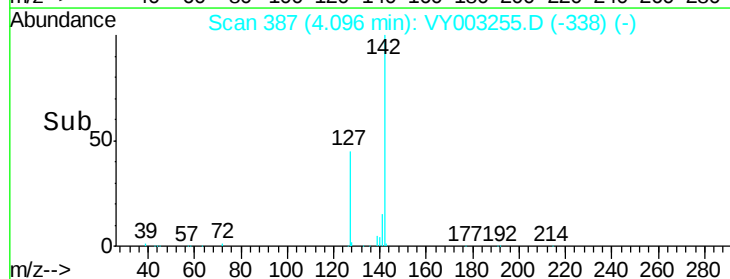
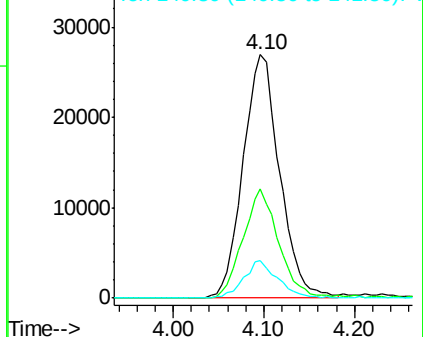
141 14.5 11.2 16.8

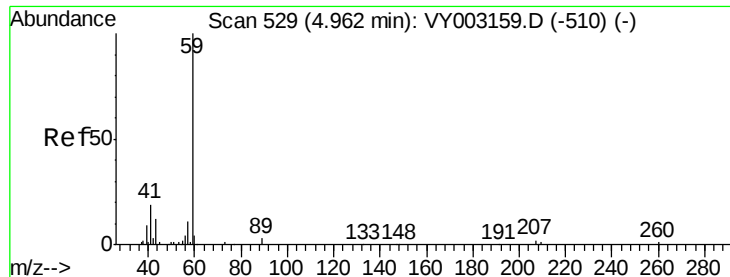


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



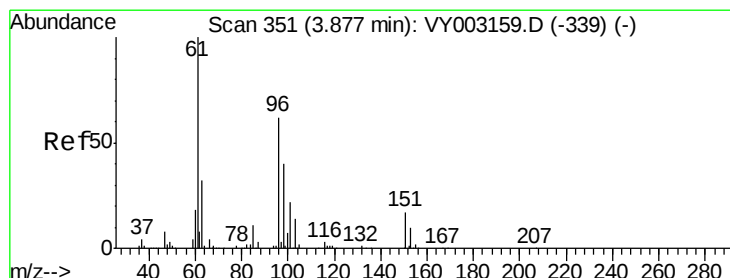
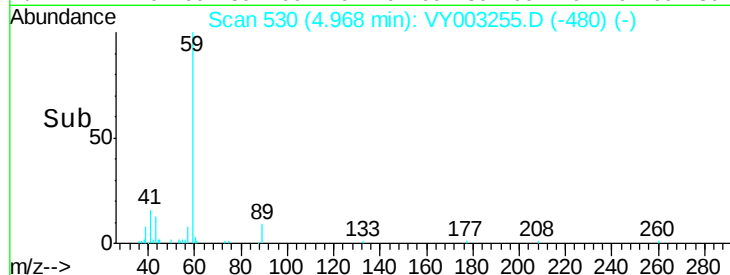
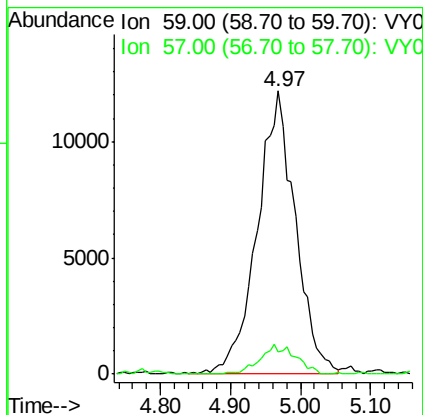
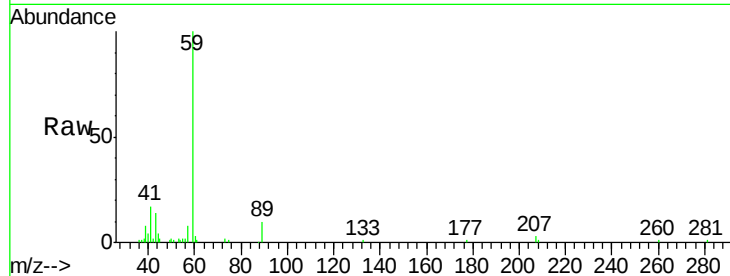


#11

Tert butyl alcohol
 Concen: 120.470 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

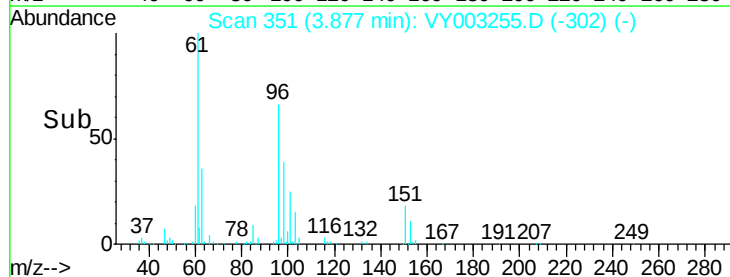
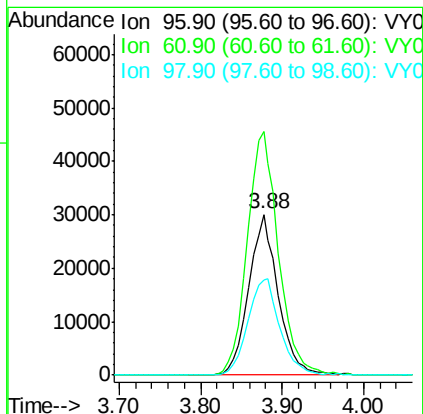
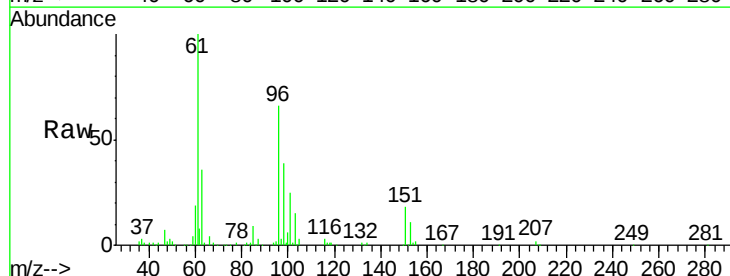
Tot Ion: 59 Resp: 46063
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.4 12.6

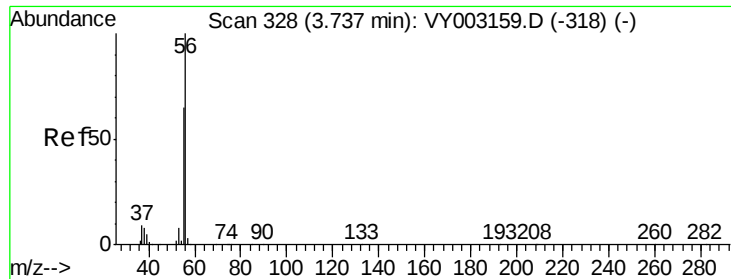


#12

1,1-Dichloroethene
 Concen: 21.735 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion: 96 Resp: 75772
 Ion Ratio Lower Upper
 96 100
 61 151.7 128.6 193.0
 98 58.9 51.6 77.4

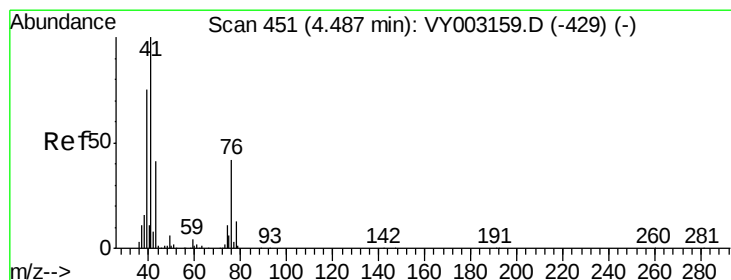
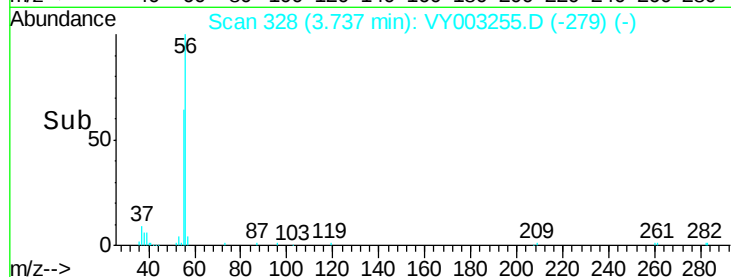
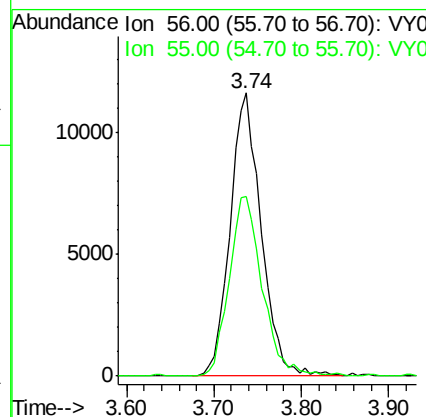
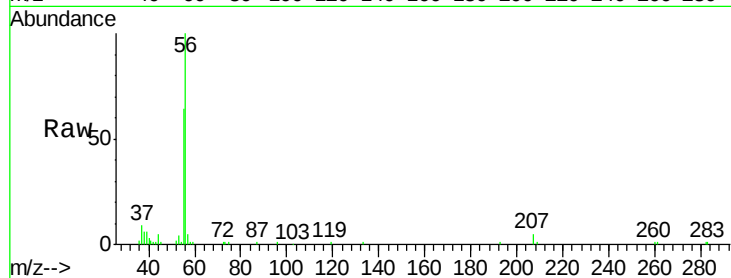




#13
Acrolein
Concen: 86.408 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

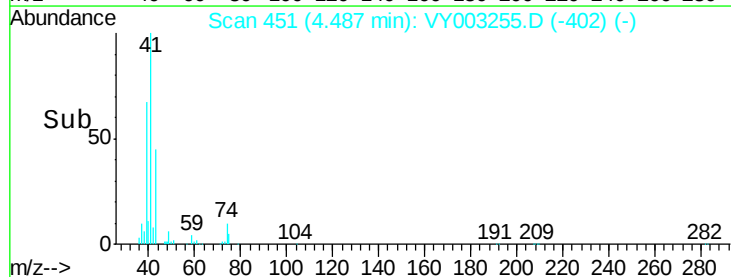
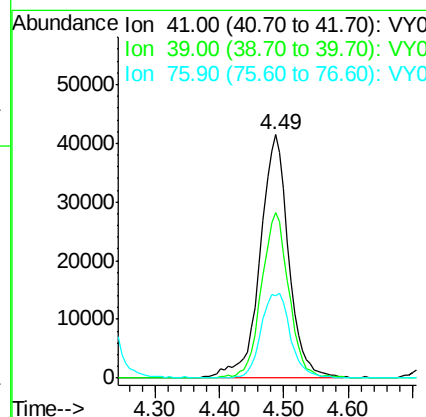
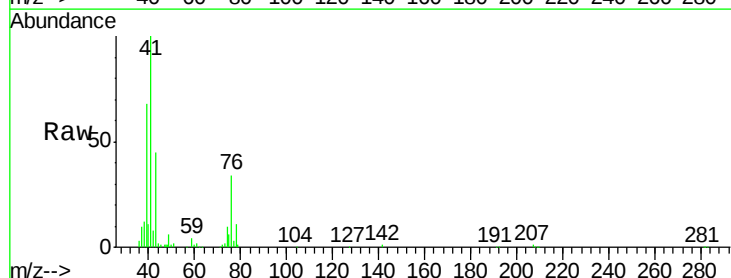
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

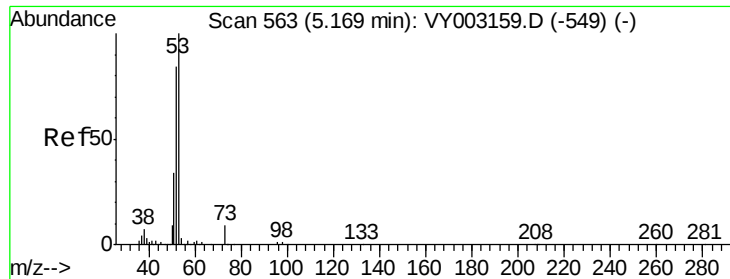
Tot Ion: 56 Resp: 28677
Ion Ratio Lower Upper
56 100
55 67.5 56.0 84.0



#14
Allyl chloride
Concen: 24.575 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion: 41 Resp: 127124
Ion Ratio Lower Upper
41 100
39 65.6 56.6 85.0
76 35.9 31.6 47.4





#15

Acrylonitrile

Concen: 122.104 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

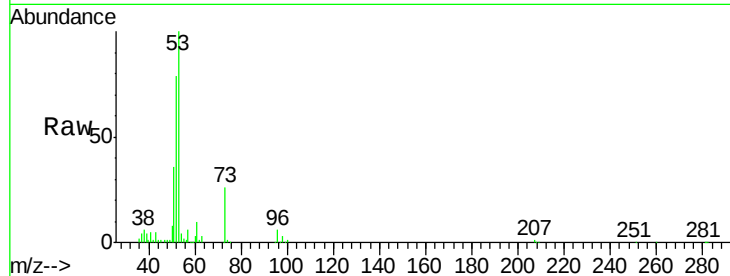
Tot Ion: 53 Resp: 119949

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.6

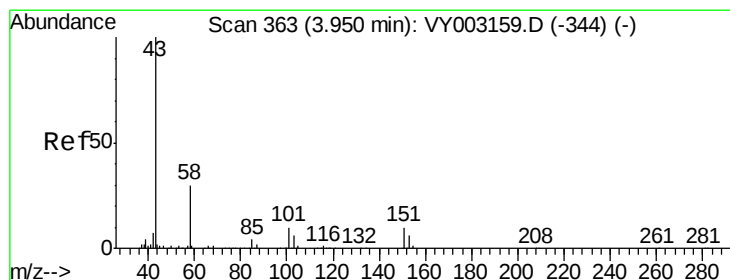
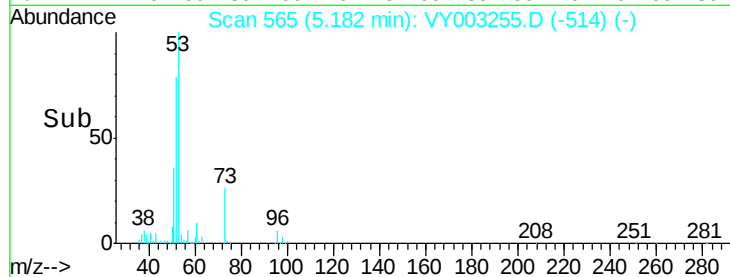
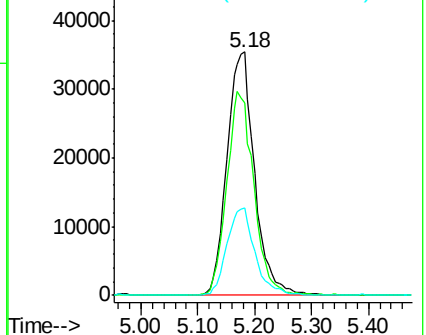
51 36.6 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 124.417 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003255.D

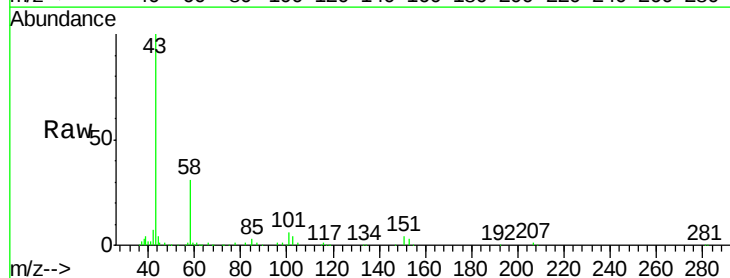
Acq: 21 Jul 2020 17:41

Tgt Ion: 43 Resp: 98271

Ion Ratio Lower Upper

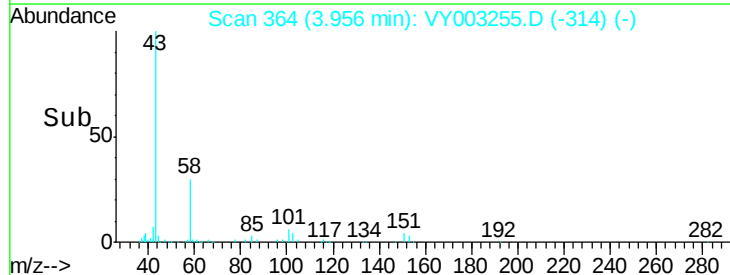
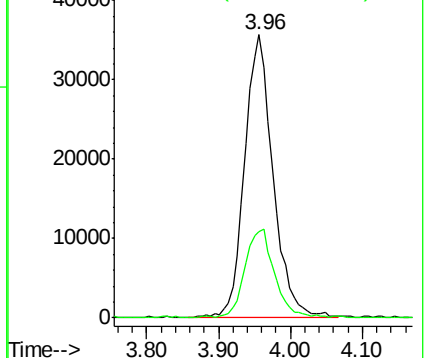
43 100

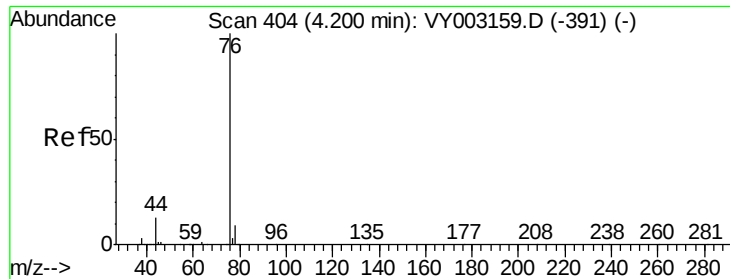
58 30.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

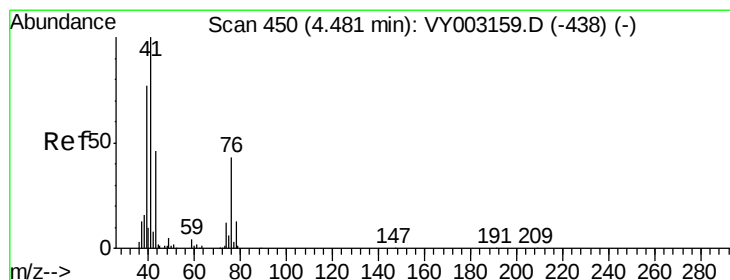
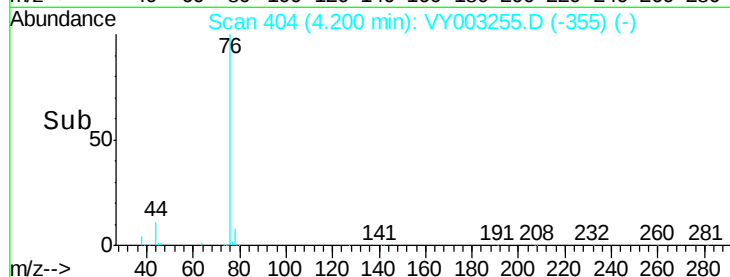
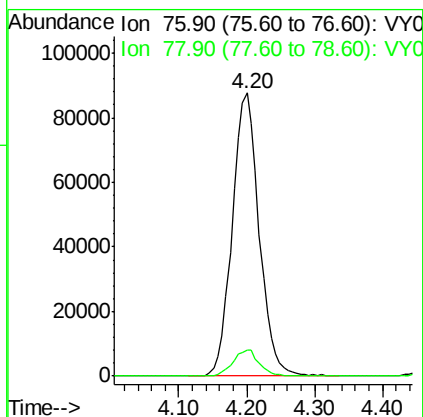
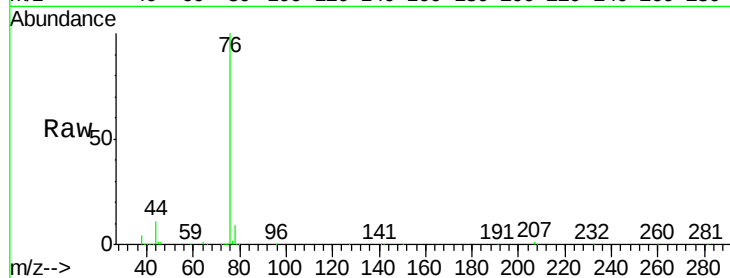




#17
Carbon Disulfide
Concen: 22.447 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

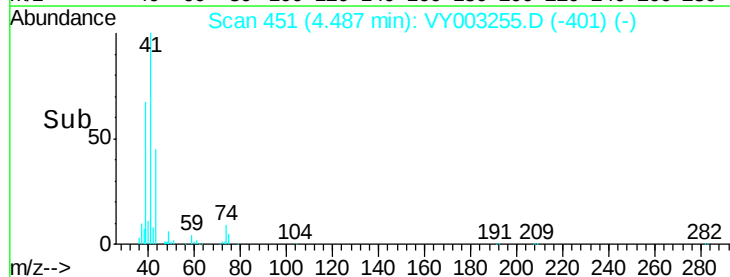
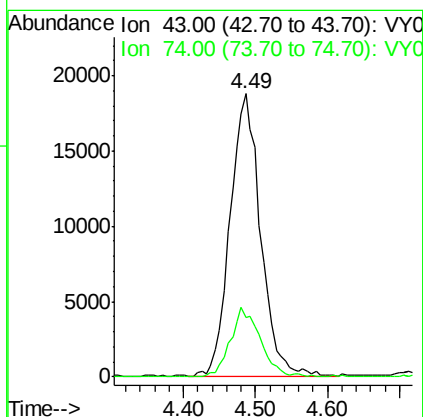
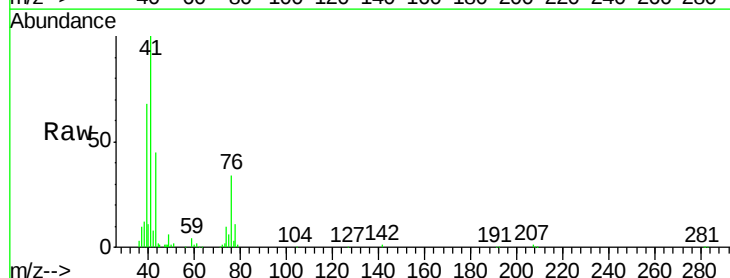
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

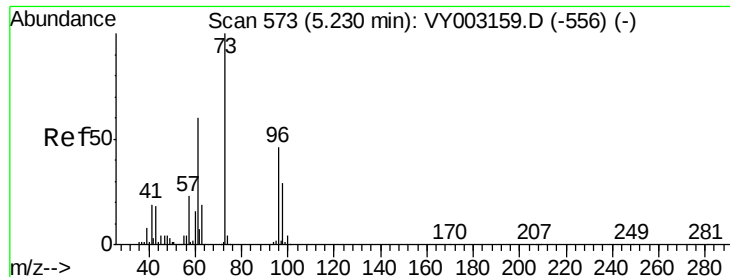
Tot Ion: 76 Resp: 240126
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 25.371 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion: 43 Resp: 55652
Ion Ratio Lower Upper
43 100
74 23.5 20.8 31.2

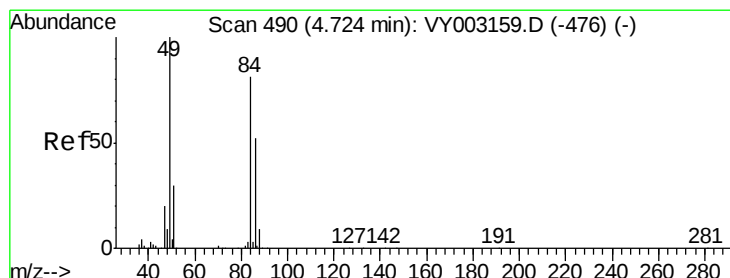
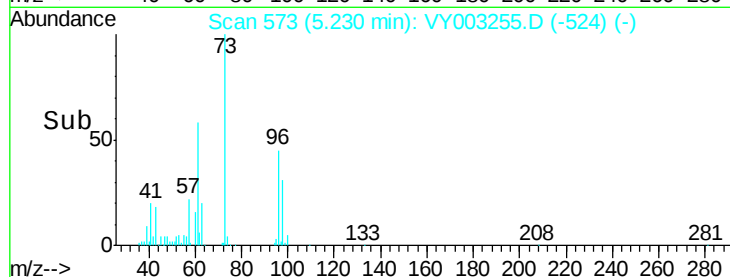
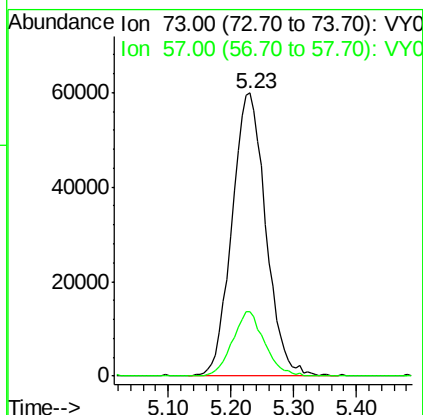
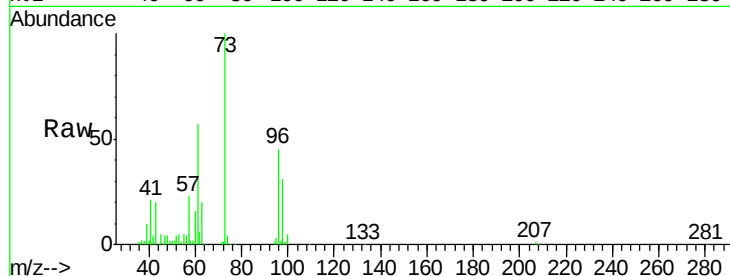




#19
Methvl tert-butvl Ether
Concen: 22.758 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

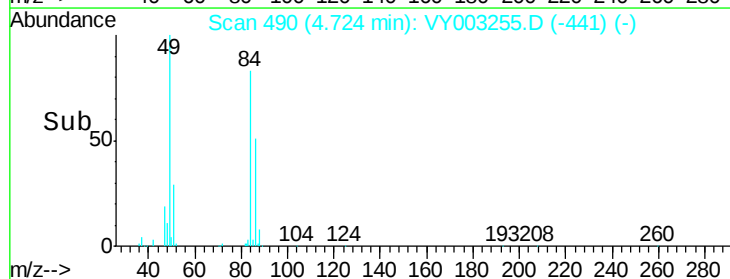
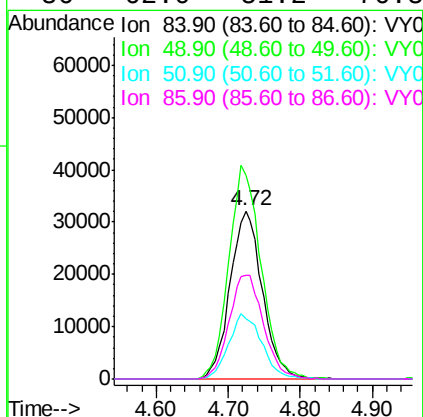
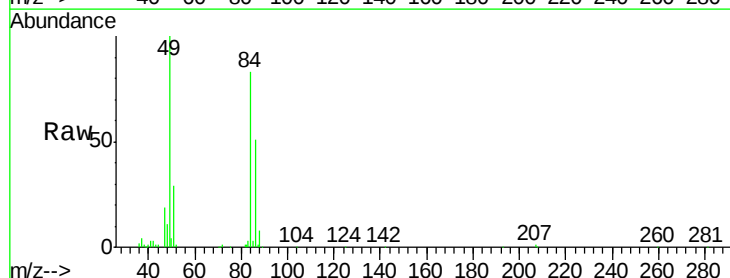
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

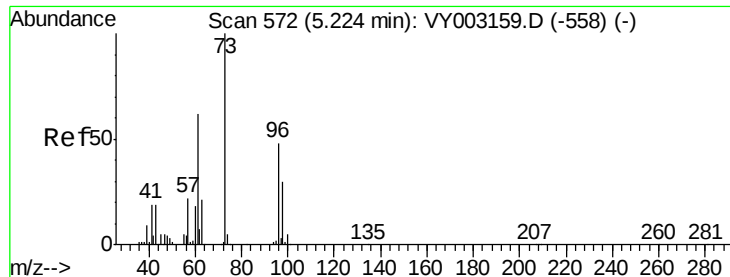
Tot Ion: 73 Resp: 222336
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1



#20
Methylene Chloride
Concen: 22.141 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion: 84 Resp: 100157
Ion Ratio Lower Upper
84 100
49 120.8 98.2 147.4
51 35.6 29.8 44.6
86 62.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.854 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

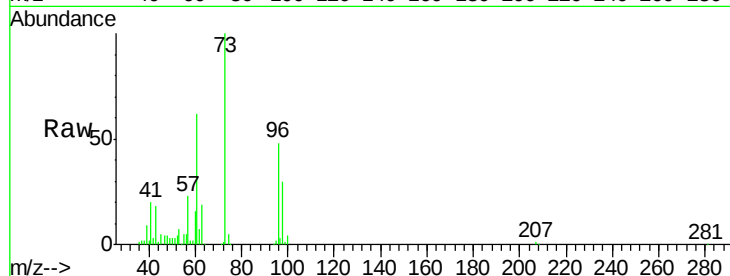
Tot Ion: 96 Resp: 86174

Ion Ratio Lower Upper

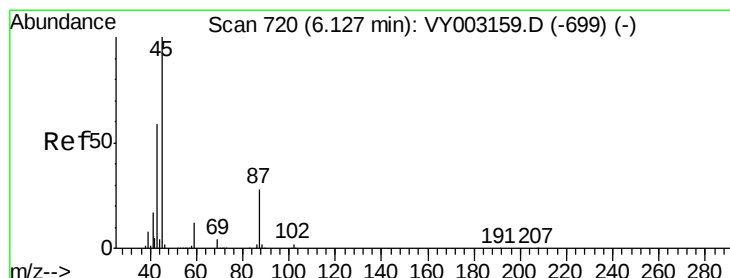
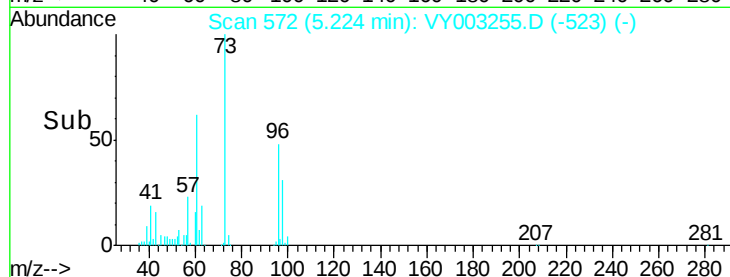
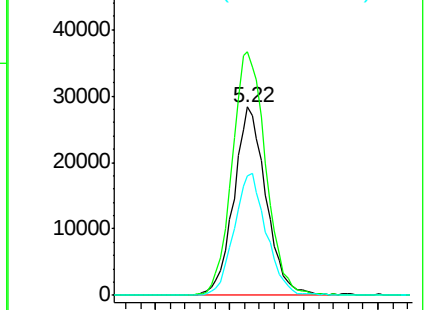
96 100

61 129.5 102.5 153.7

98 63.8 49.8 74.8



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: 24.115 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion: 45 Resp: 276862

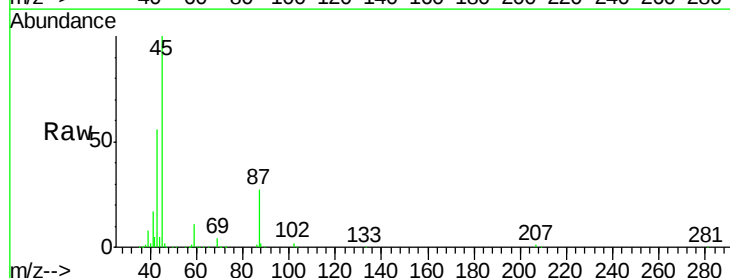
Ion Ratio Lower Upper

45 100

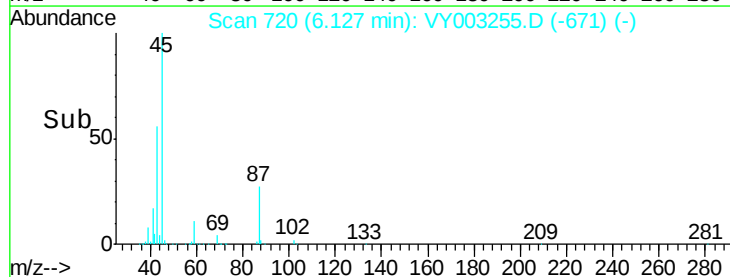
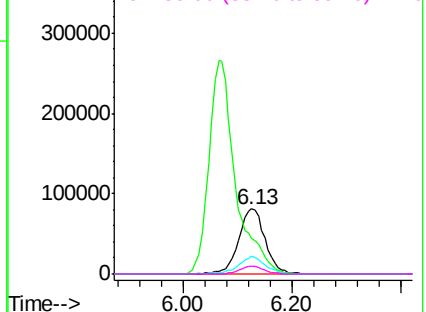
43 55.6 47.0 70.4

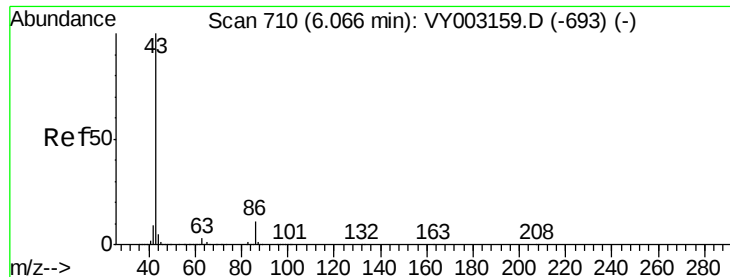
87 26.7 22.6 33.8

59 11.5 9.8 14.6



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: 117.432 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

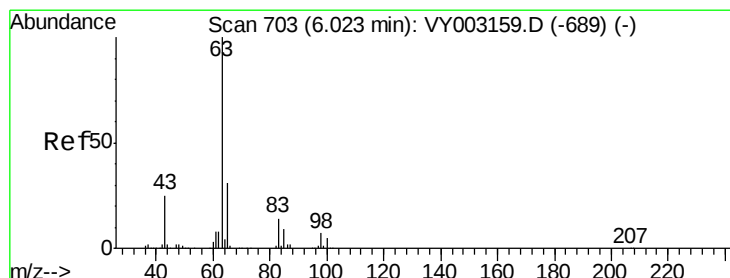
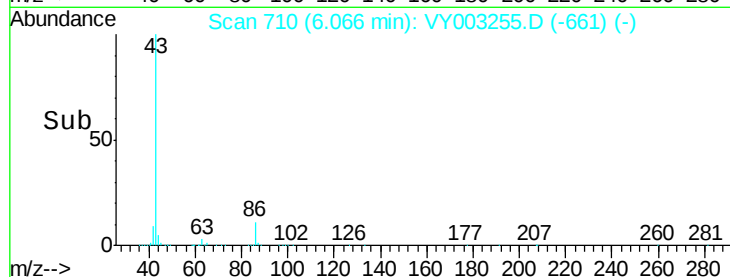
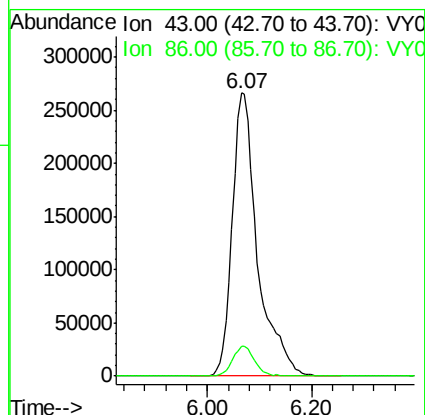
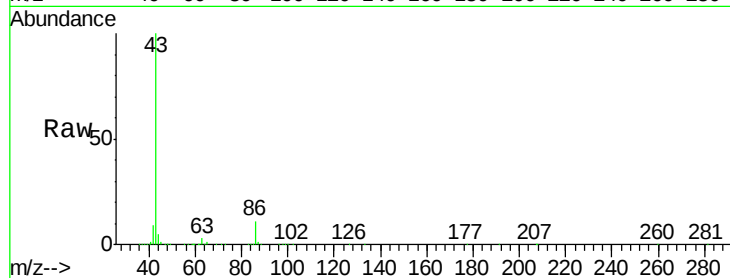
VY0721SBS01

Tot Ion: 43 Resp: 898613

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



#24

1,1-Dichloroethane

Concen: 22.660 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

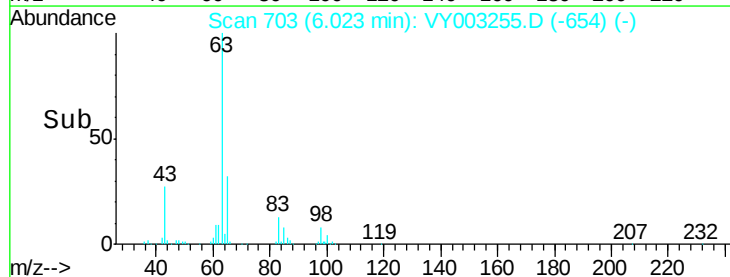
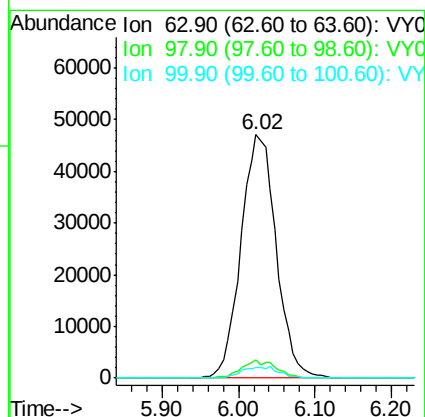
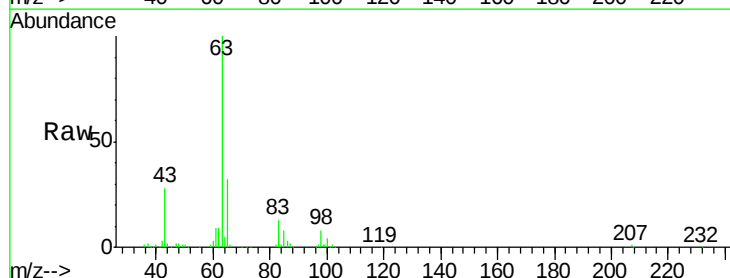
Tgt Ion: 63 Resp: 150720

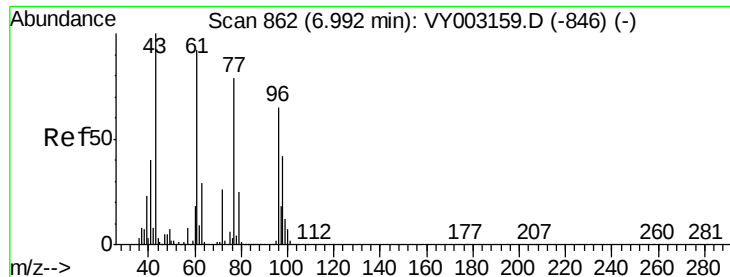
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 124.042 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

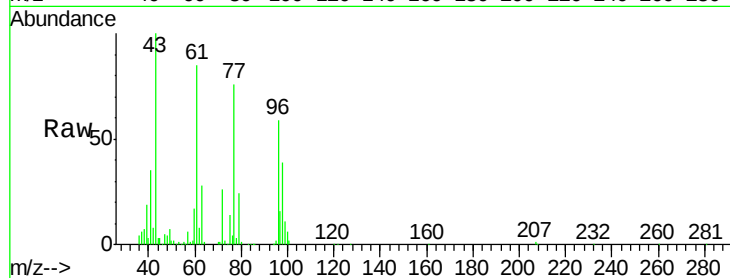
VY0721SBS01

Tot Ion: 43 Resp: 160866

Ion Ratio Lower Upper

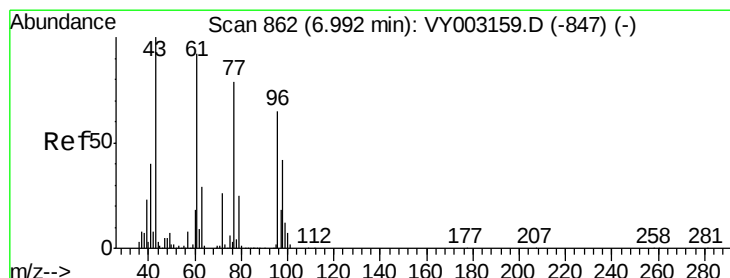
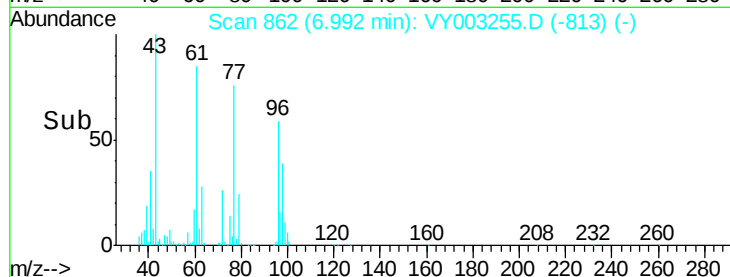
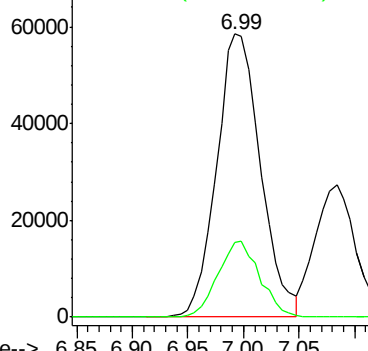
43 100

72 26.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 22.667 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003255.D

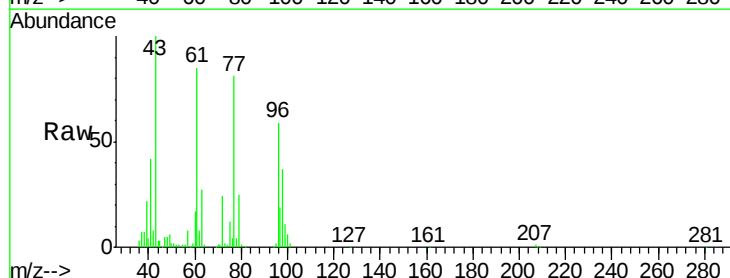
Acq: 21 Jul 2020 17:41

Tgt Ion: 77 Resp: 135774

Ion Ratio Lower Upper

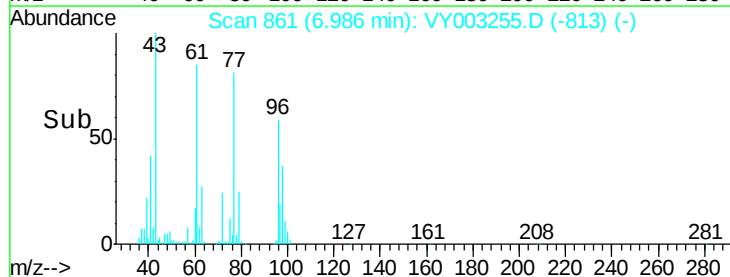
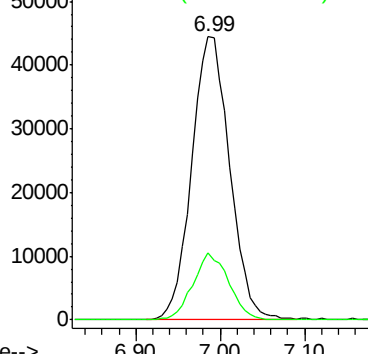
77 100

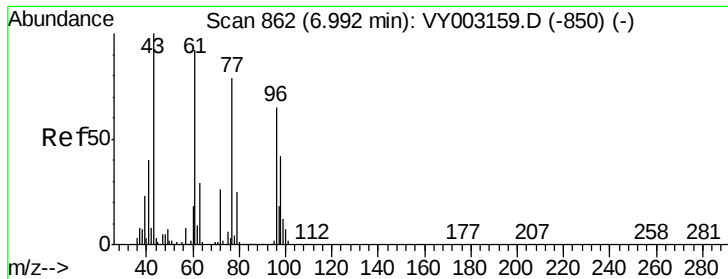
97 22.4 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



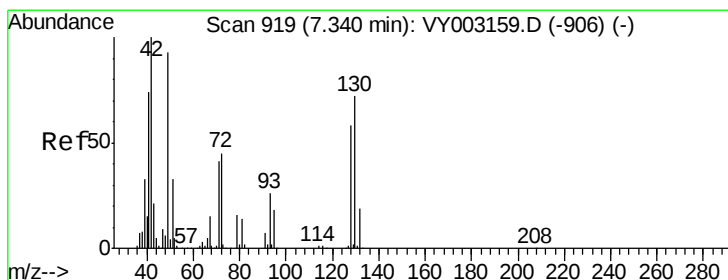
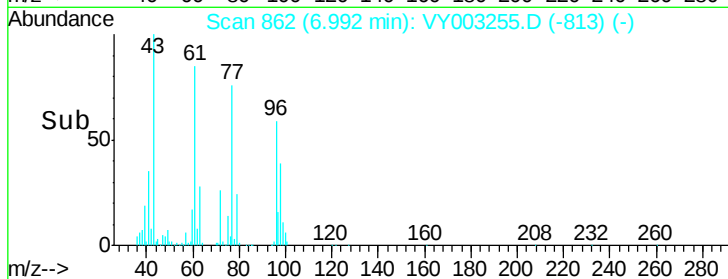
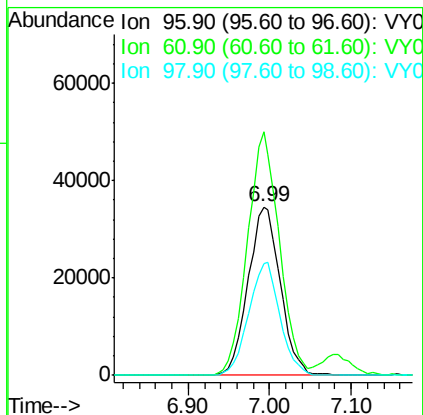
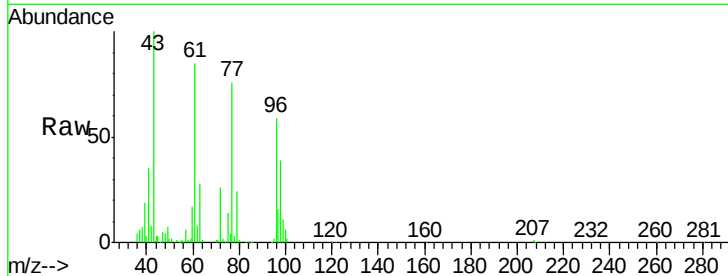


#27

cis-1,2-Dichloroethene
Concen: 22.011 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

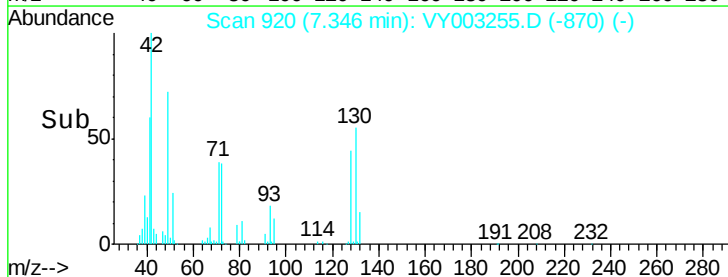
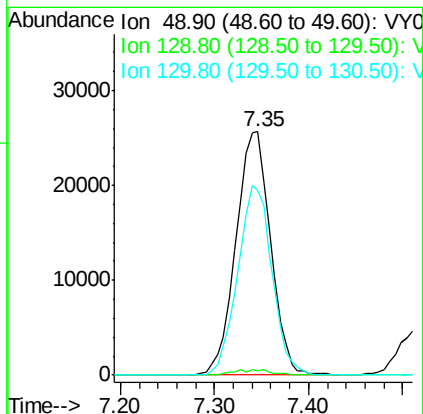
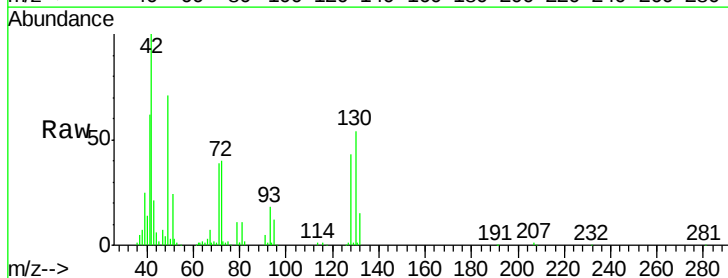
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	281.2
98	64.9	0.0	129.8

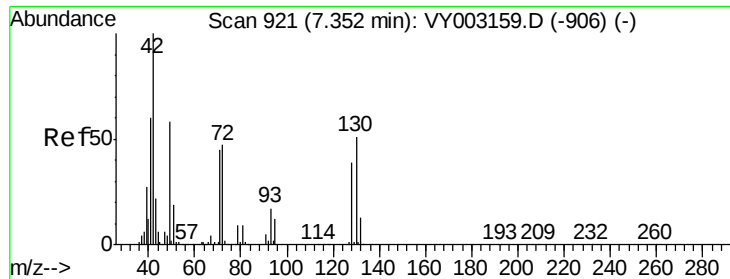


#28

Bromochloromethane
Concen: 22.934 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	5.0
130	77.0	64.9	97.3





#29

Tetrahydrofuran

Concen: 119.036 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

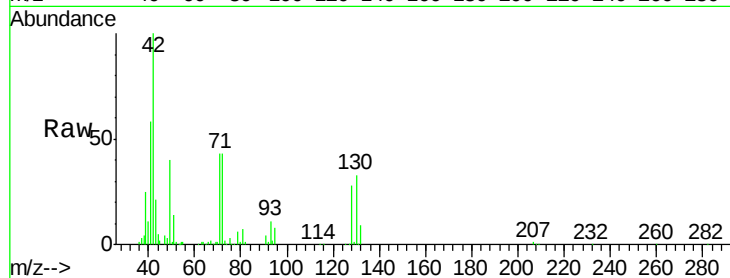
Tot Ion: 42 Resp: 103706

Ion Ratio Lower Upper

42 100

72 43.6 36.7 55.1

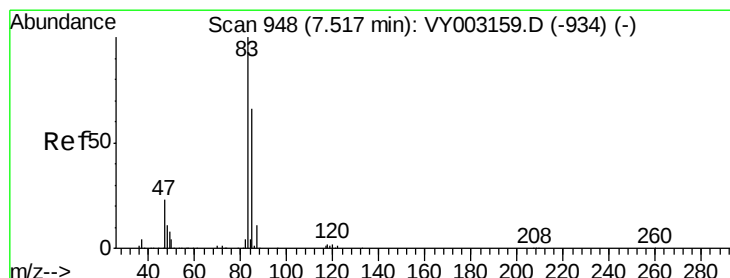
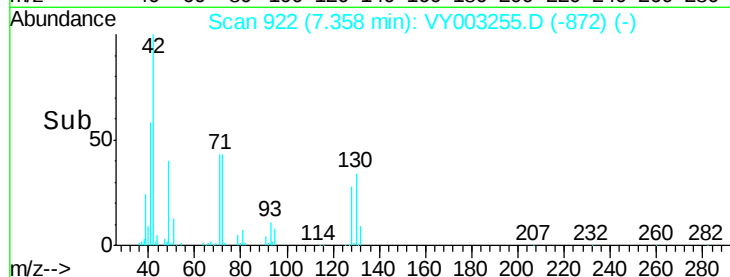
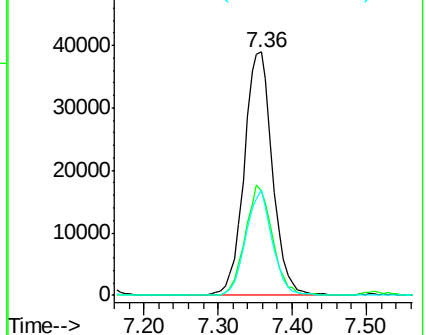
71 40.2 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 22.452 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003255.D

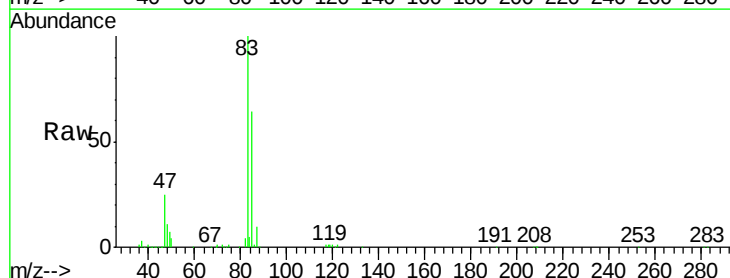
Acq: 21 Jul 2020 17:41

Tgt Ion: 83 Resp: 153805

Ion Ratio Lower Upper

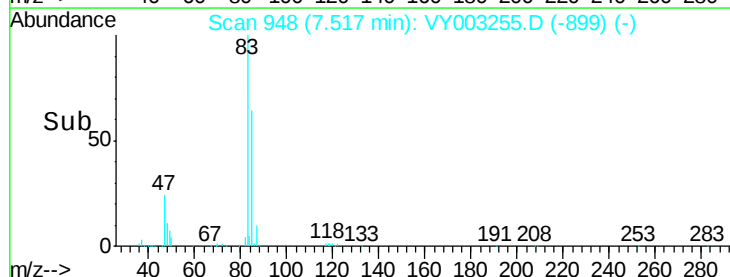
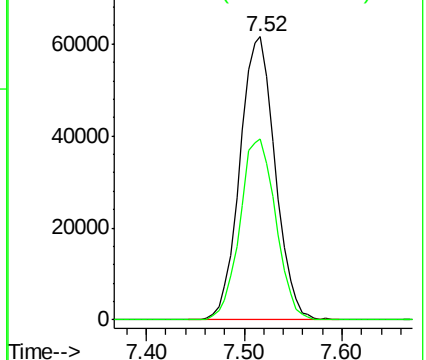
83 100

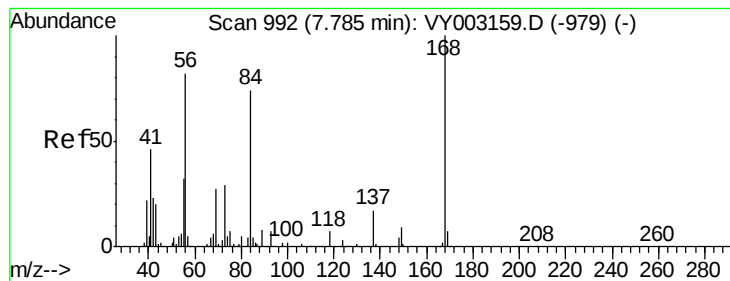
85 64.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 22.295 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

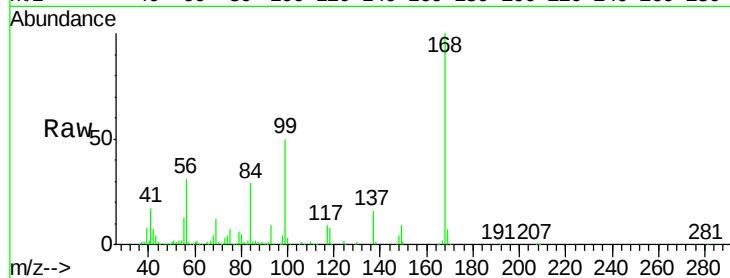
Tot Ion: 56 Resp: 143398

Ion Ratio Lower Upper

56 100

69 37.7 26.7 40.1

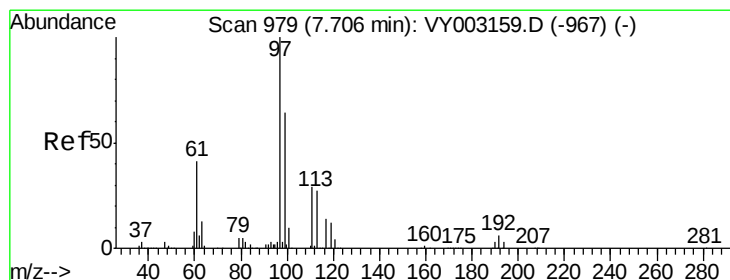
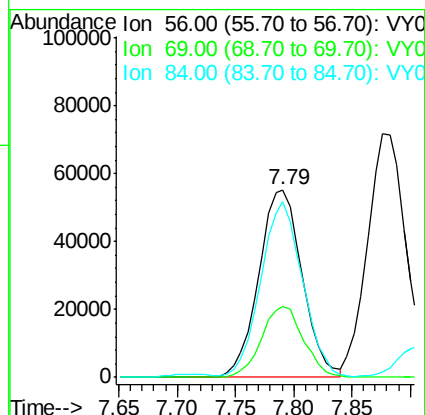
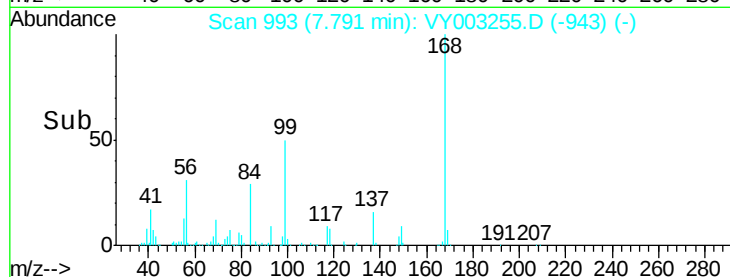
84 92.1 72.3 108.5



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: 22.241 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

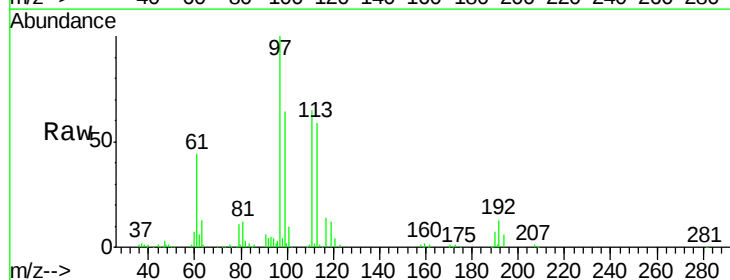
Tgt Ion: 97 Resp: 137166

Ion Ratio Lower Upper

97 100

99 63.7 52.1 78.1

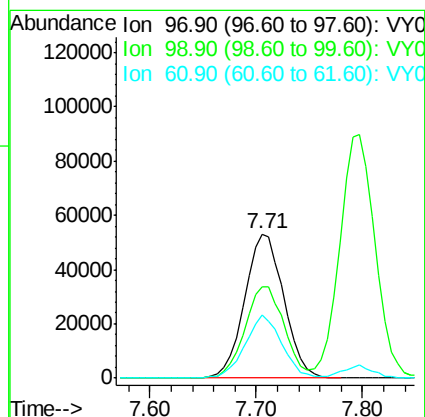
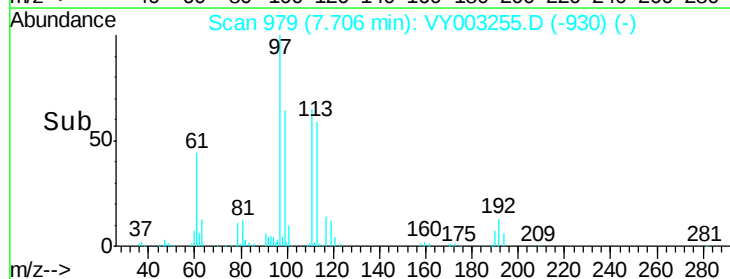
61 41.0 33.9 50.9

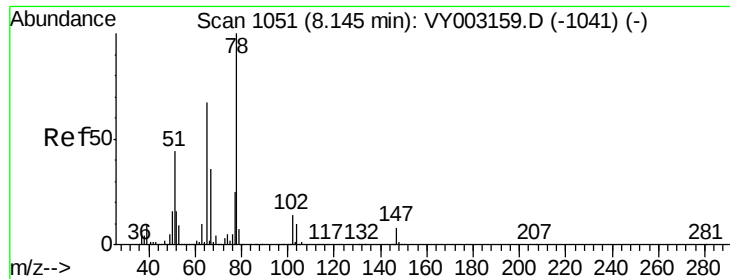


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

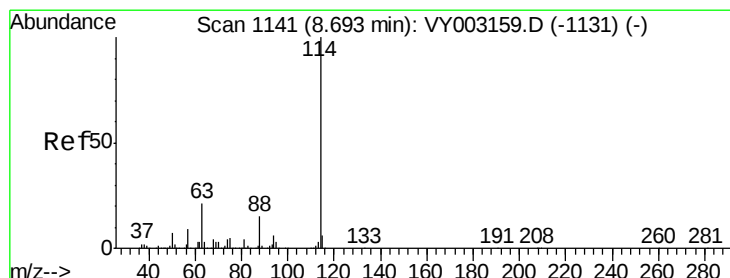
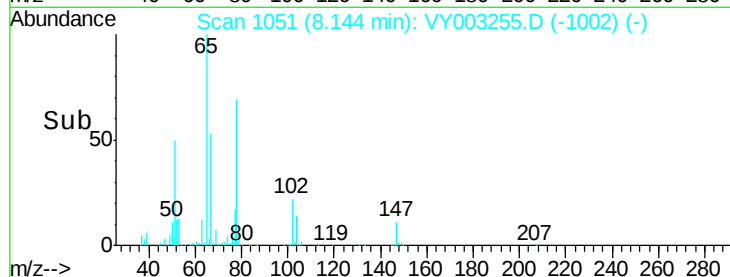
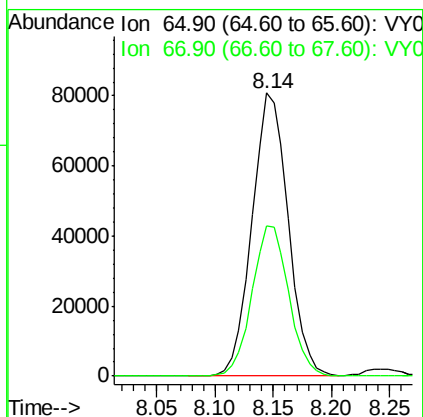
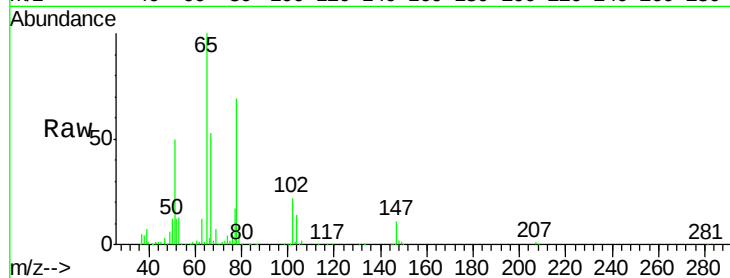




#33
 1,2-Dichloroethane-d4
 Concen: 49.481 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

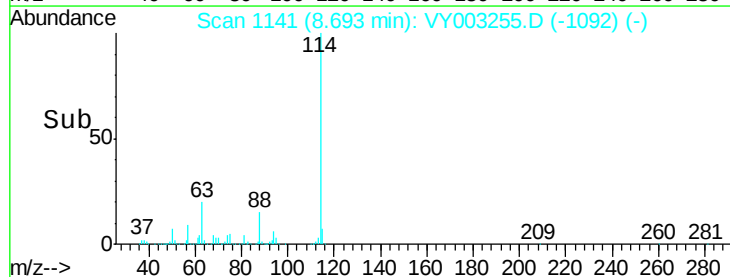
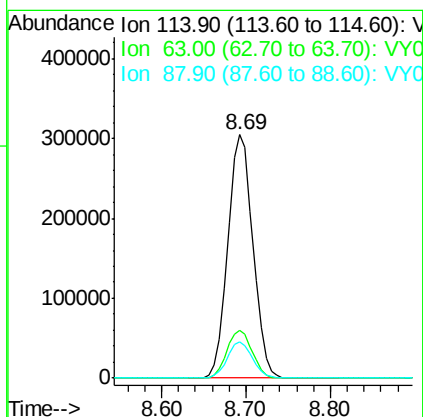
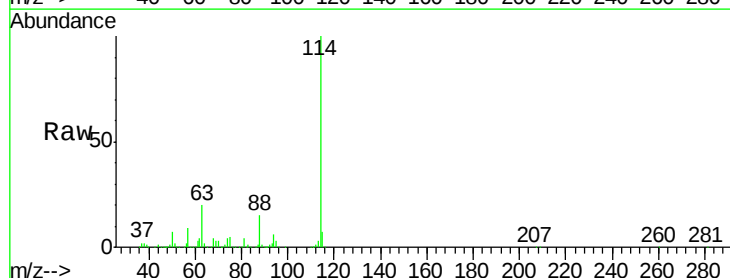
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

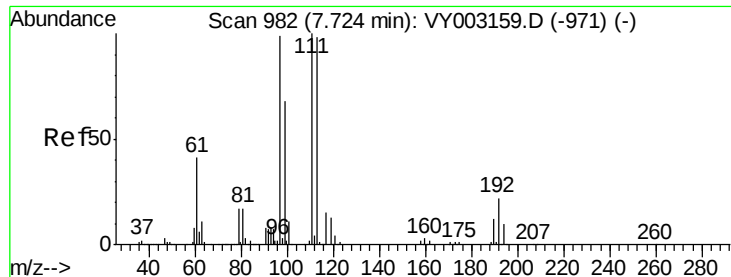
Tot Ion: 65 Resp: 174970
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion: 114 Resp: 615879
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 15.0 0.0 30.2

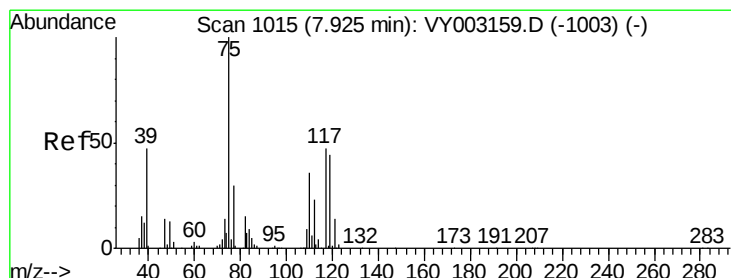
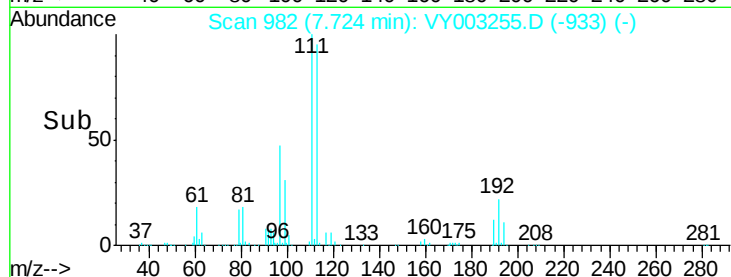
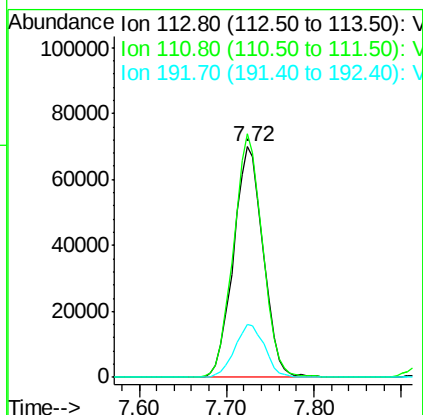
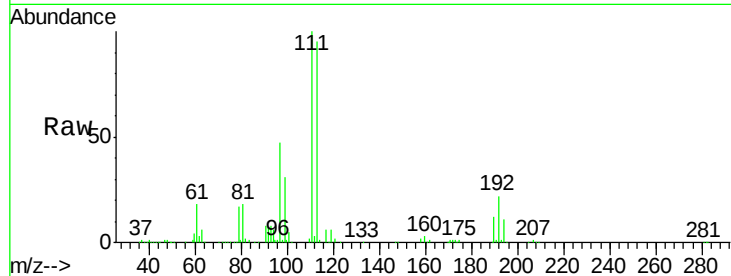




#35
Dibromofluoromethane
Concen: 46.706 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

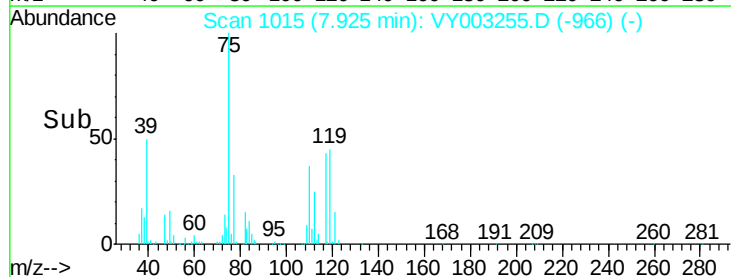
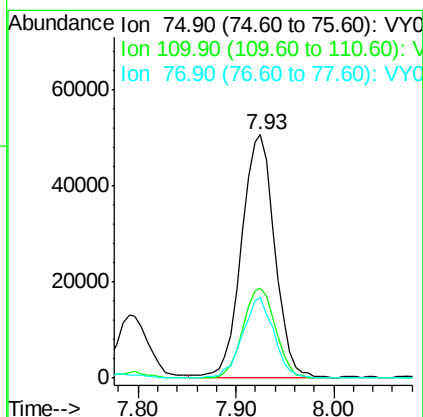
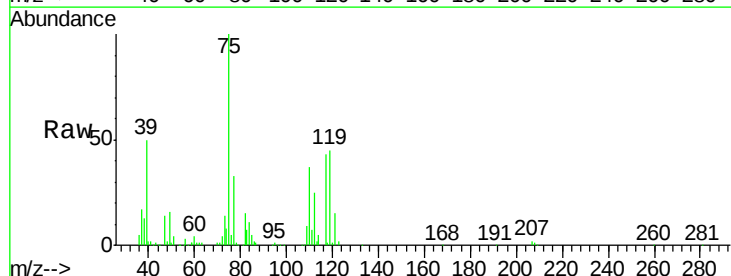
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

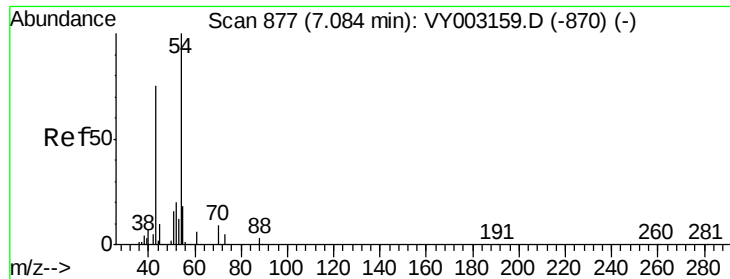
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	23.1	18.8	28.2



#36
1,1-Dichloropropene
Concen: 21.305 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	31.6	24.8	37.2

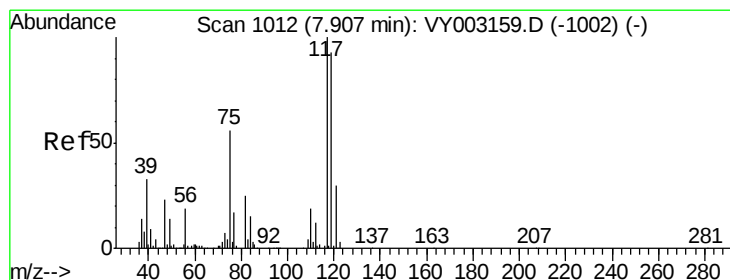
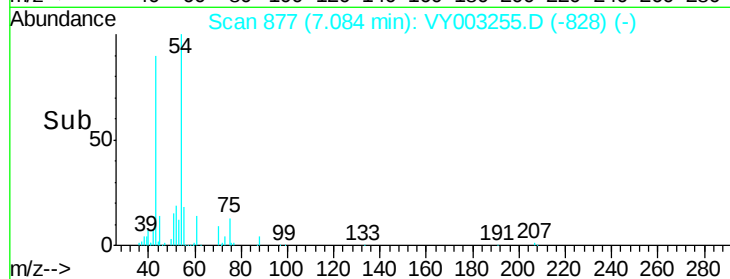
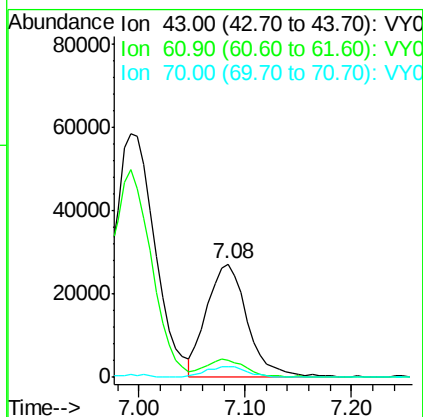
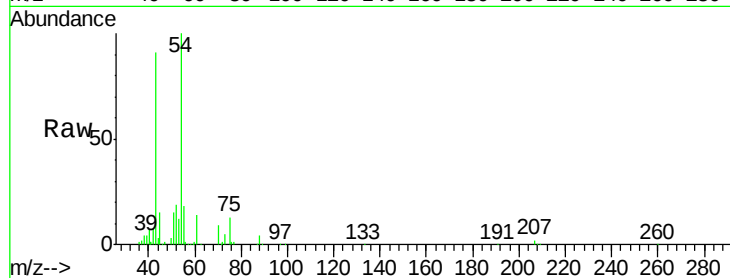




#37
Ethyl Acetate
Concen: 23.730 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

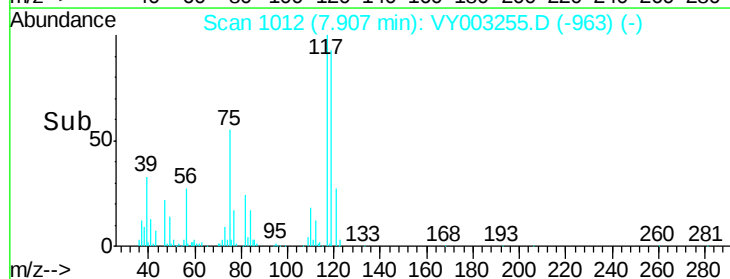
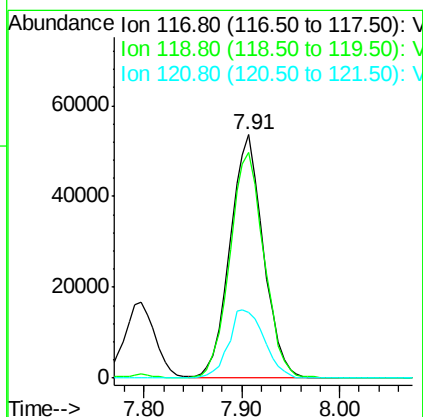
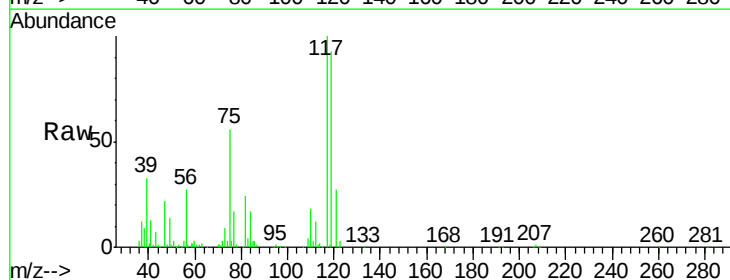
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

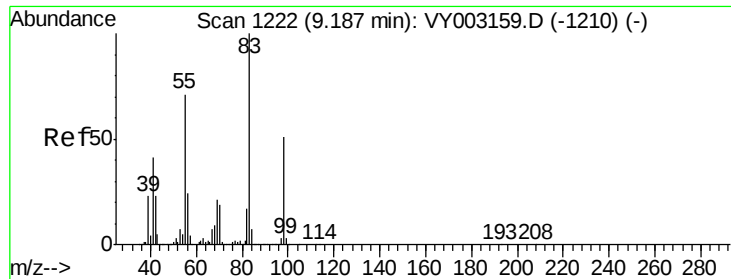
Tot Ion: 43 Resp: 71333
Ion Ratio Lower Upper
43 100
61 16.4 11.8 17.6
70 10.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 21.993 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion: 117 Resp: 126735
Ion Ratio Lower Upper
117 100
119 92.9 74.5 111.7
121 27.1 24.2 36.2

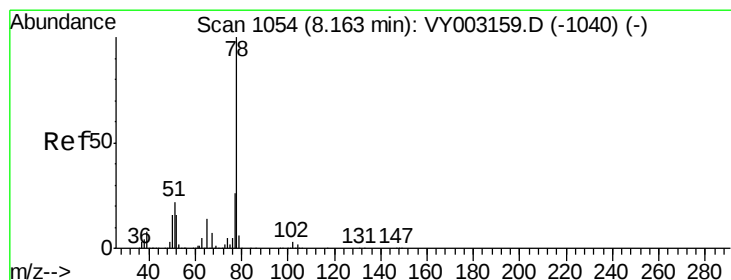
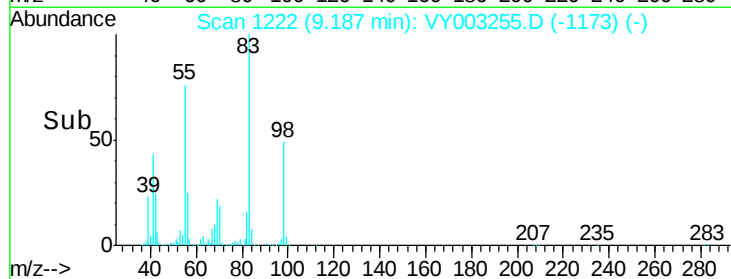
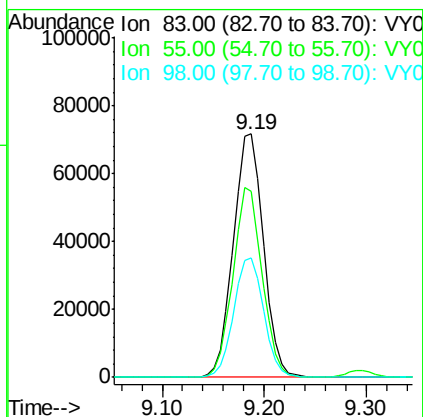
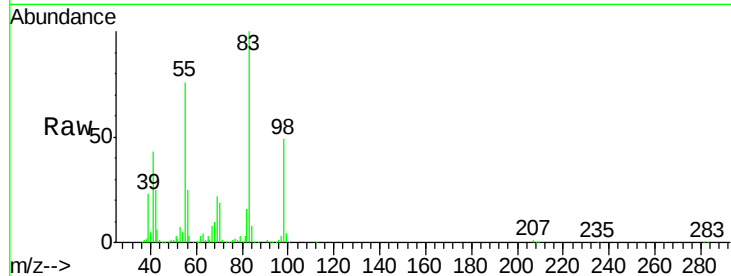




#39
Methvlcvclohexane
Concen: 20.985 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

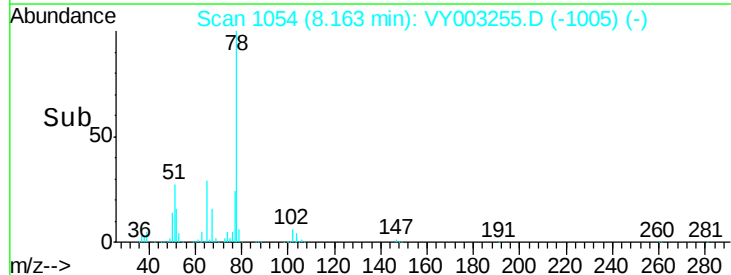
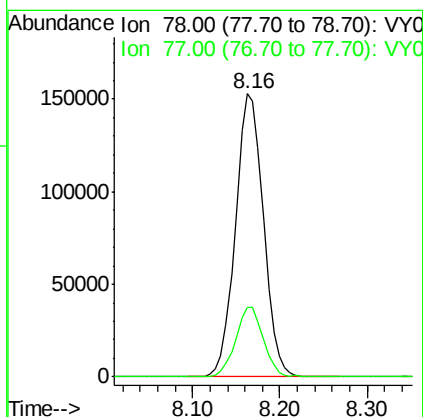
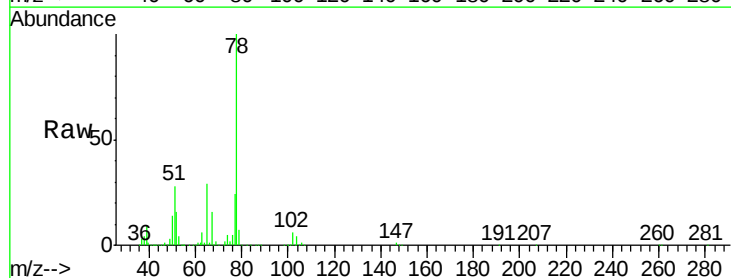
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

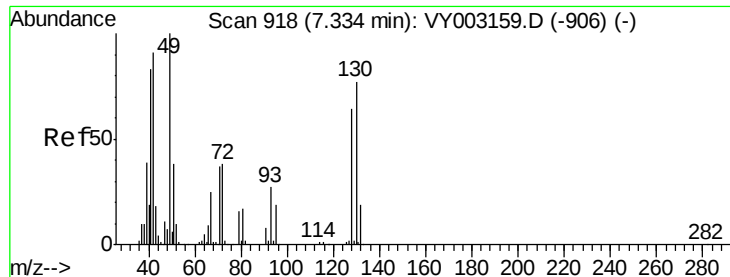
Tot Ion: 83 Resp: 147151
Ion Ratio Lower Upper
83 100
55 76.4 57.2 85.8
98 49.2 41.0 61.6



#40
Benzene
Concen: 22.116 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion: 78 Resp: 339920
Ion Ratio Lower Upper
78 100
77 24.4 20.7 31.1





#41

Methacrylonitrile

Concen: 53.363 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.02 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 41 Resp: 96611

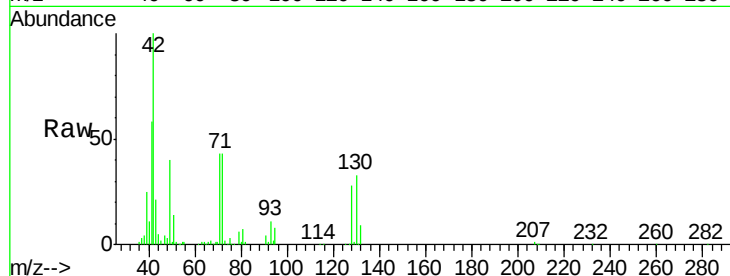
Ion Ratio Lower Upper

41 100

39 0.0 83.3 124.9#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

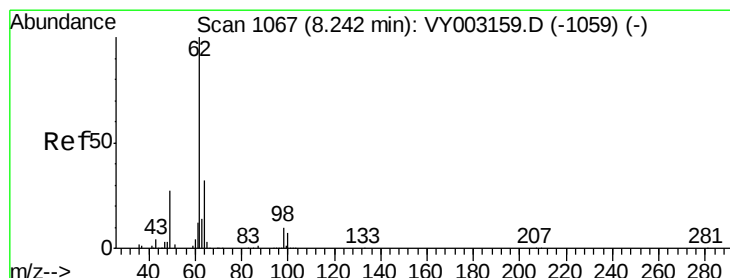
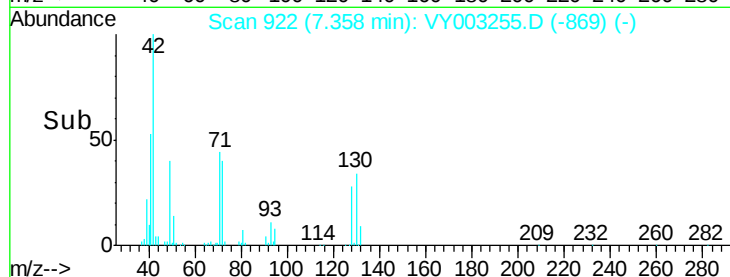
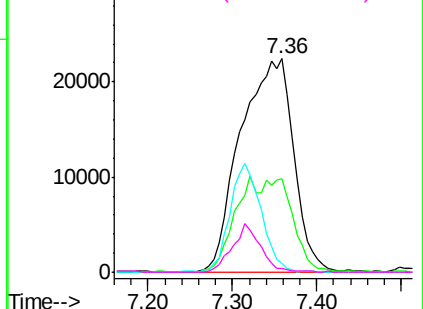


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 22.106 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003255.D

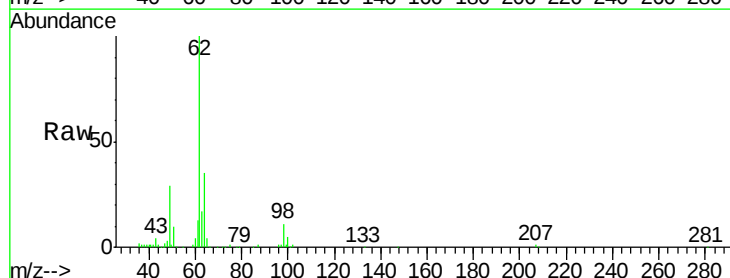
Acq: 21 Jul 2020 17:41

Tgt Ion: 62 Resp: 104598

Ion Ratio Lower Upper

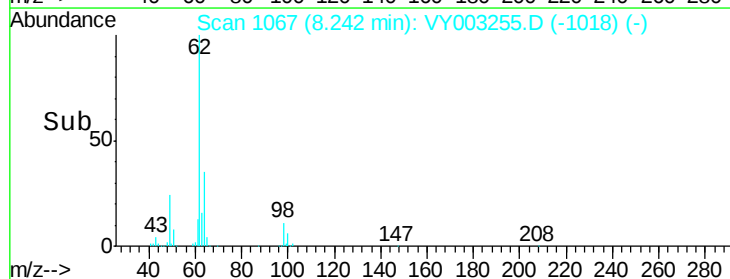
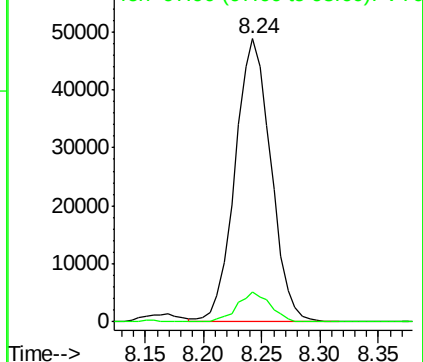
62 100

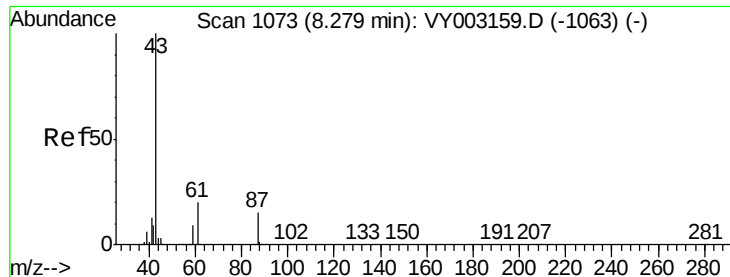
98 9.9 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



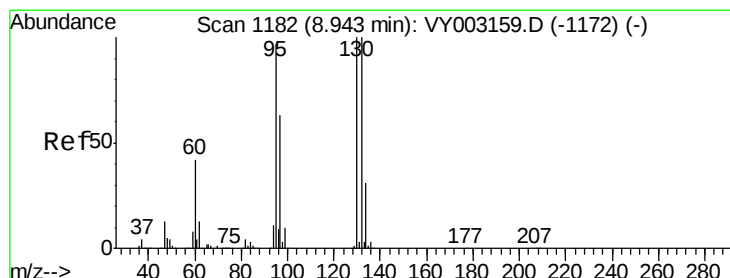
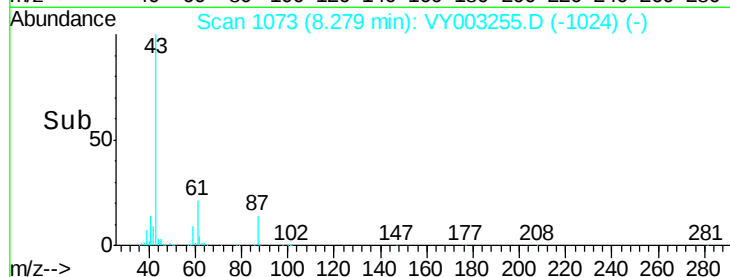
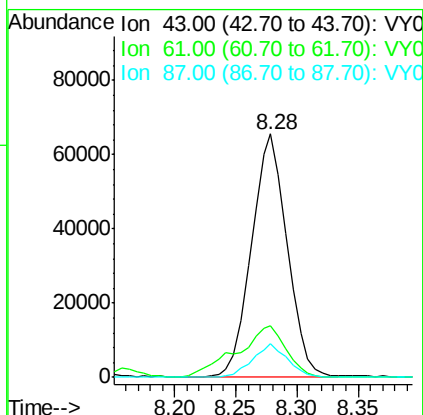
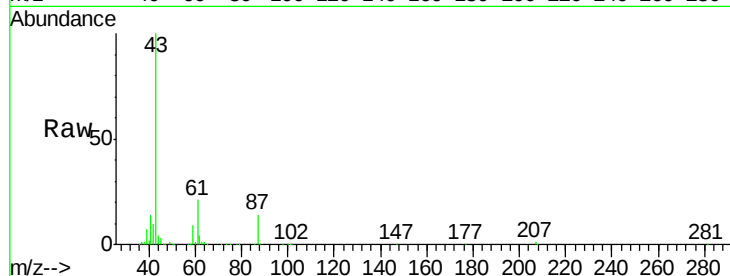


#43

Isopropyl Acetate
 Concen: 22.677 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

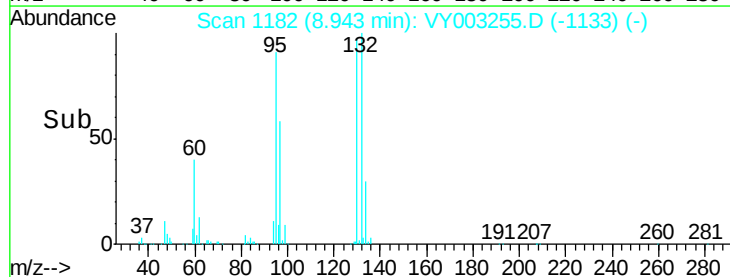
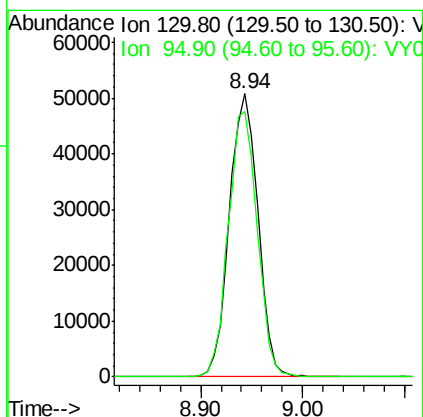
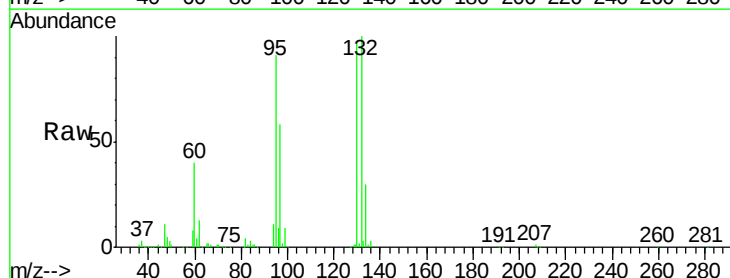
Tot Ion	43	Resp	131948
Ion Ratio	Lower	Upper	
43	100		
61	29.7	23.7	35.5
87	13.5	11.4	17.0

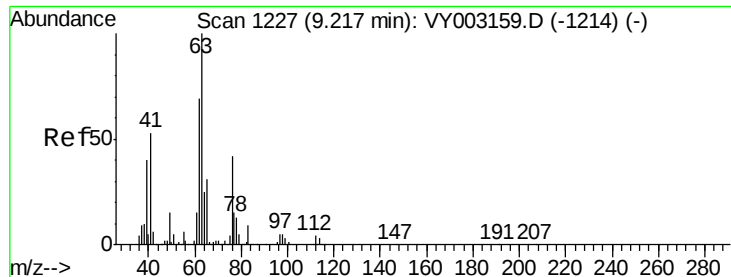


#44

Trichloroethene
 Concen: 20.870 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	130	Resp	98333
Ion Ratio	Lower	Upper	
130	100		
95	94.0	0.0	193.8

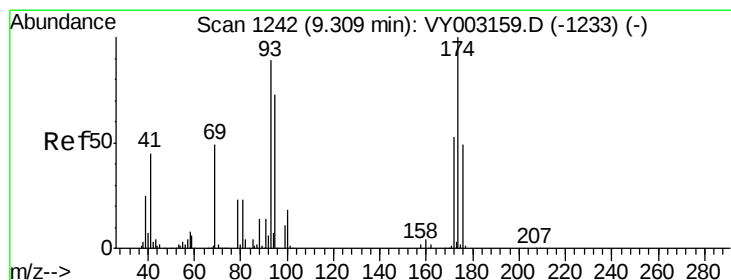
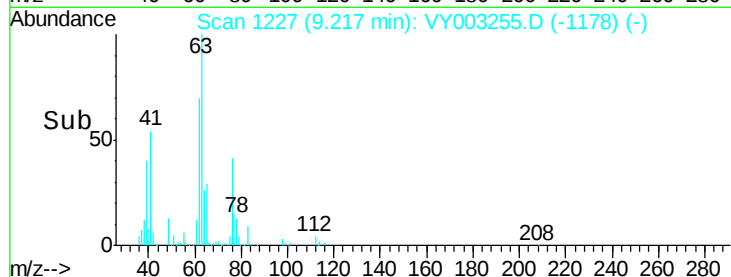
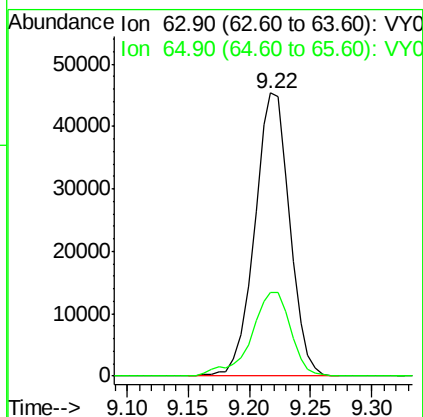
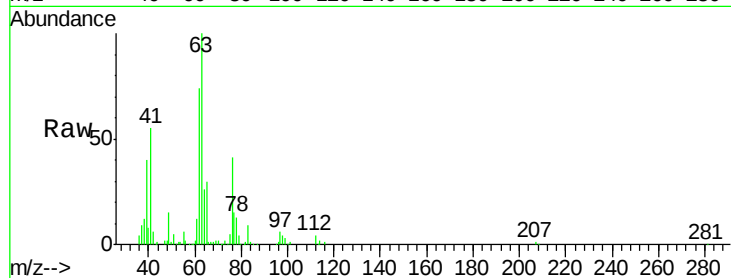




#45
 1,2-Dichloropropane
 Concen: 22.685 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

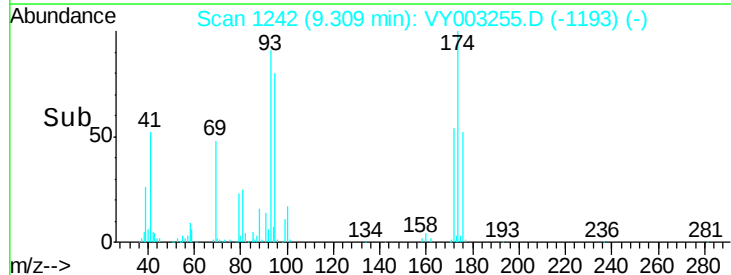
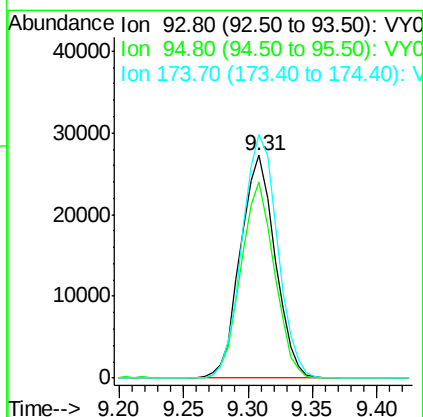
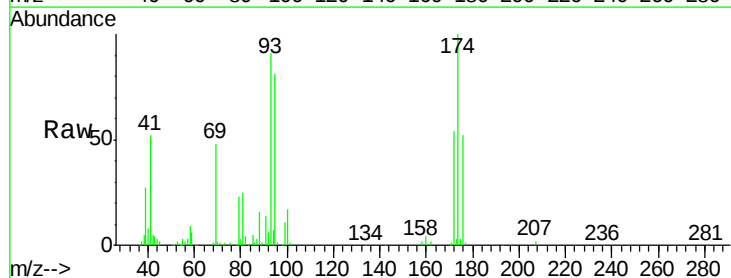
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

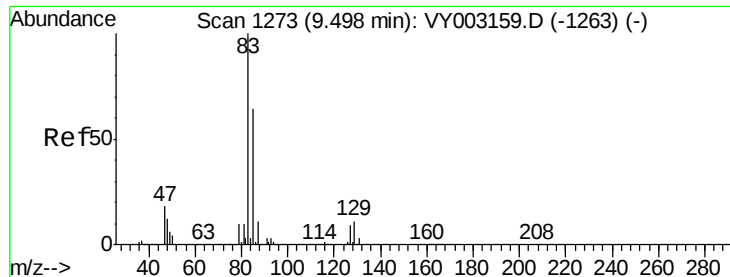
Tot Ion: 63 Resp: 90217
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.4



#46
 Dibromomethane
 Concen: 21.966 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion: 93 Resp: 51022
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.6 99.8
 174 111.3 90.2 135.4





#47

Bromodichloromethane

Concen: 22.238 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

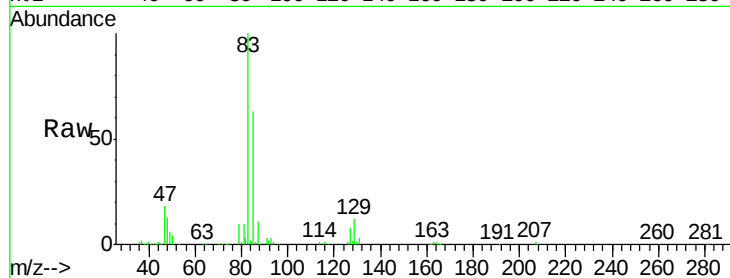
Tot Ion: 83 Resp: 122853

Ion Ratio Lower Upper

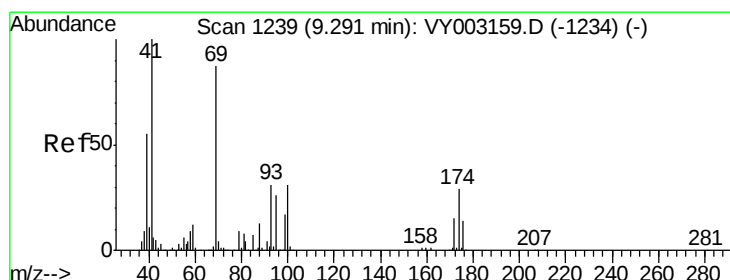
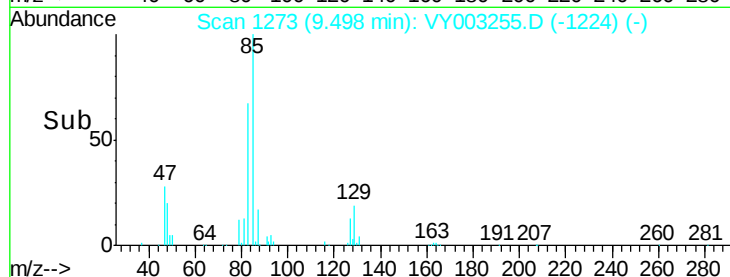
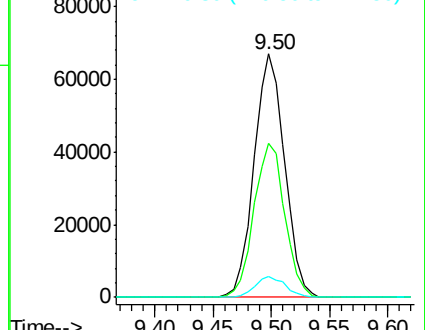
83 100

85 63.4 50.9 76.3

127 8.5 7.0 10.4



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



#48

Methyl methacrylate

Concen: 23.077 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

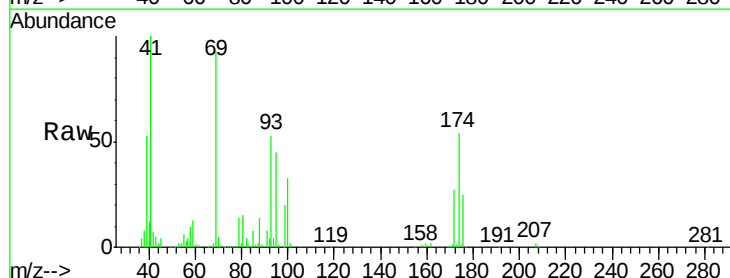
Tgt Ion: 41 Resp: 60028

Ion Ratio Lower Upper

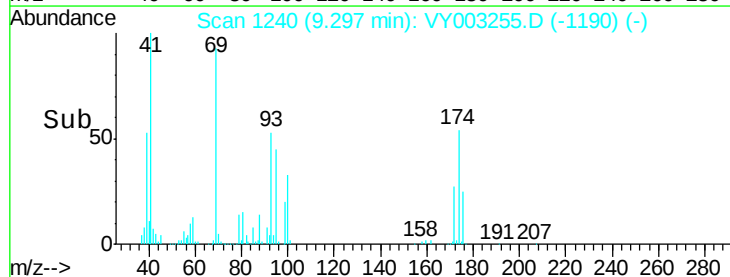
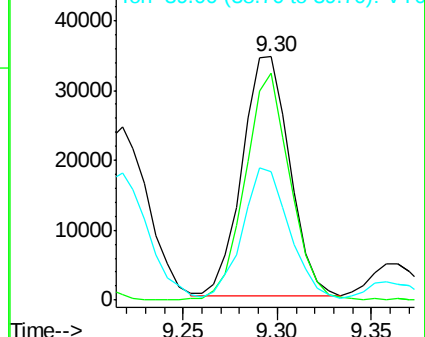
41 100

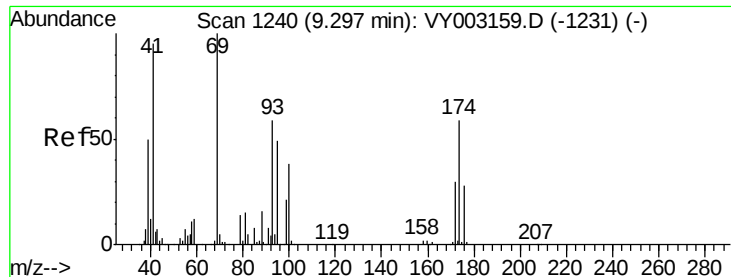
69 89.6 74.5 111.7

39 55.3 47.5 71.3



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

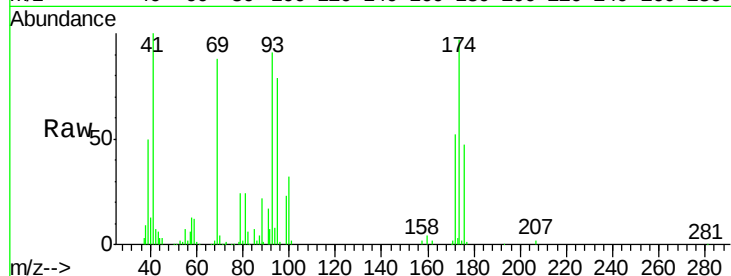




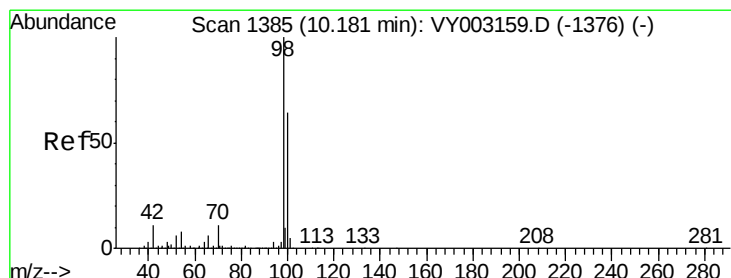
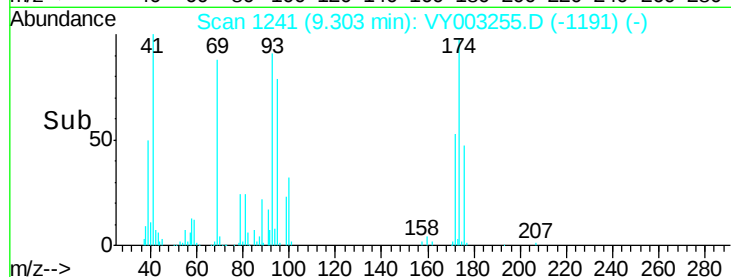
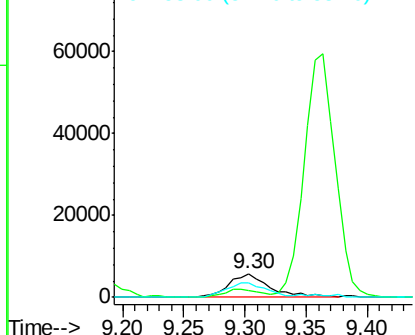
#49
 1,4-Dioxane
 Concen: 448.301 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Tot Ion: 88 Resp: 13216
 Ion Ratio Lower Upper
 88 100
 43 31.4 25.6 38.4
 58 62.8 47.8 71.6

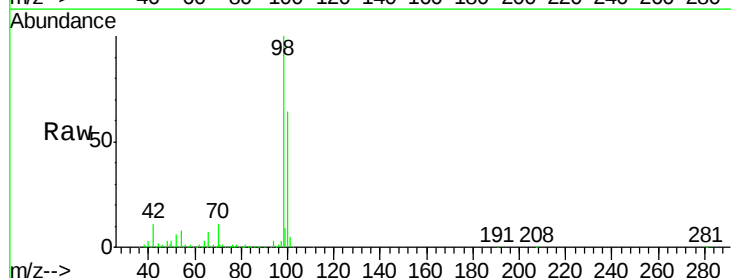


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

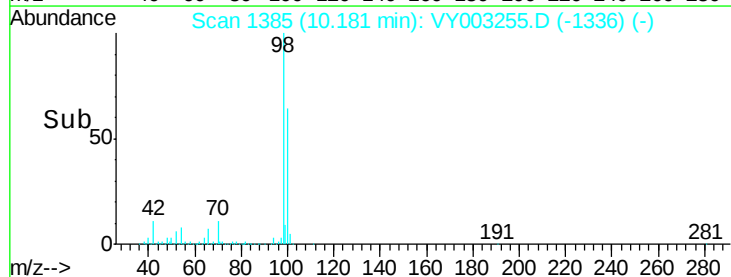
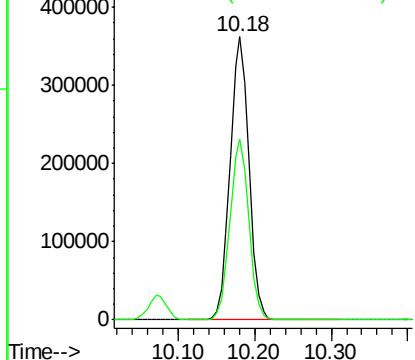


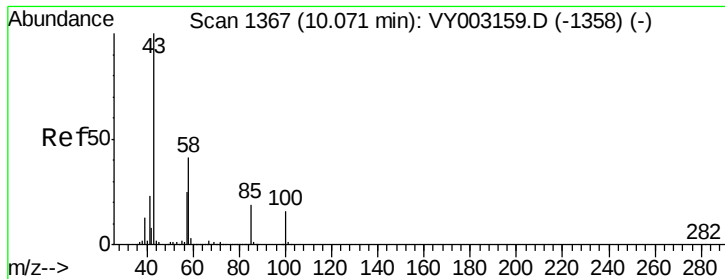
#50
 Toluene-d8
 Concen: 46.745 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion: 98 Resp: 615951
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 116.510 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

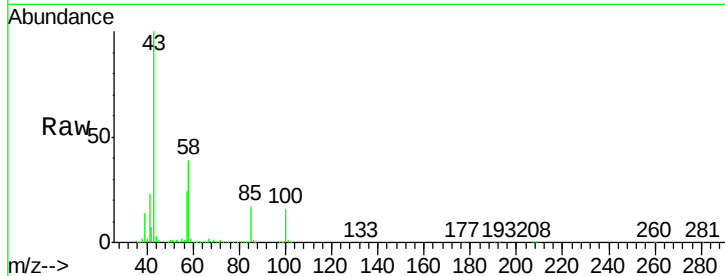
VY0721SBS01

Tot Ion: 43 Resp: 352362

Ion Ratio Lower Upper

43 100

58 39.1 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

200000

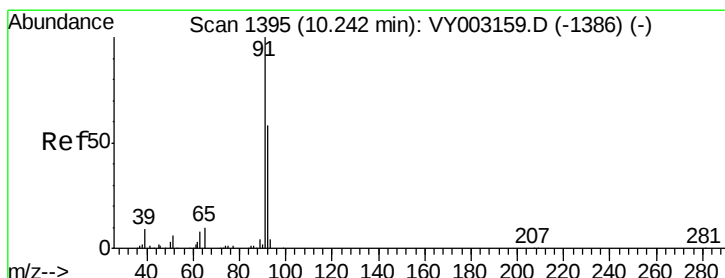
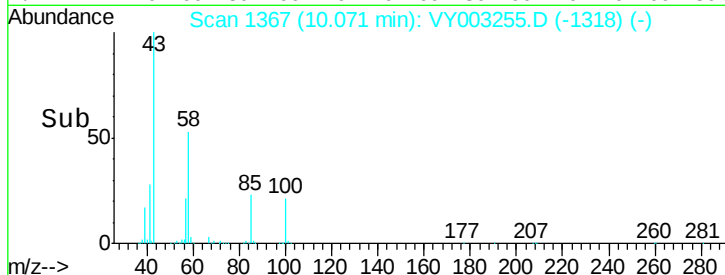
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.752 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003255.D

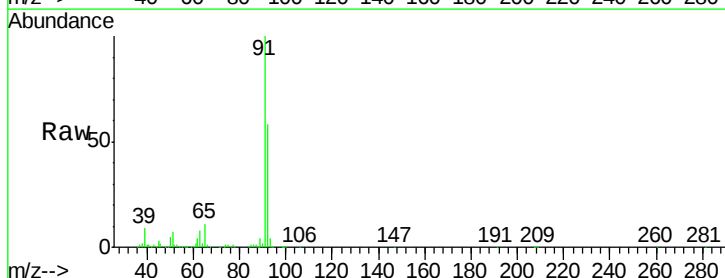
Acq: 21 Jul 2020 17:41

Tgt Ion: 92 Resp: 213687

Ion Ratio Lower Upper

92 100

91 173.7 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

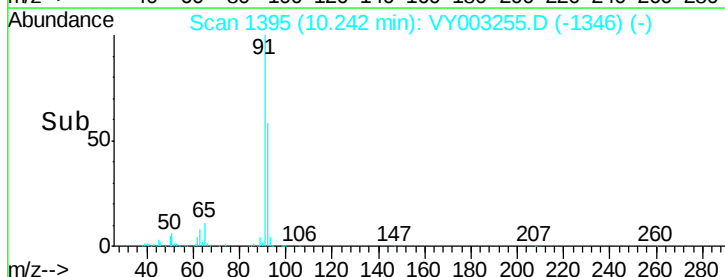
150000

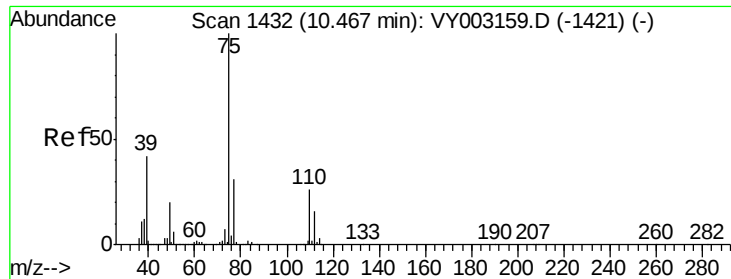
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 22.080 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

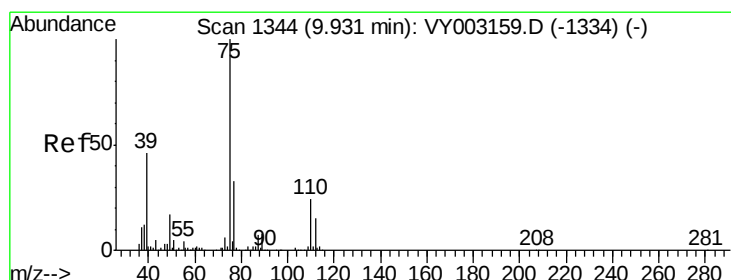
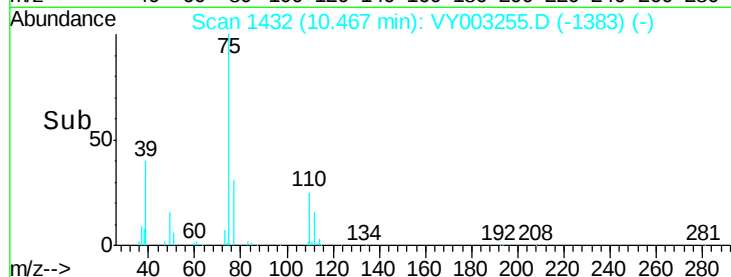
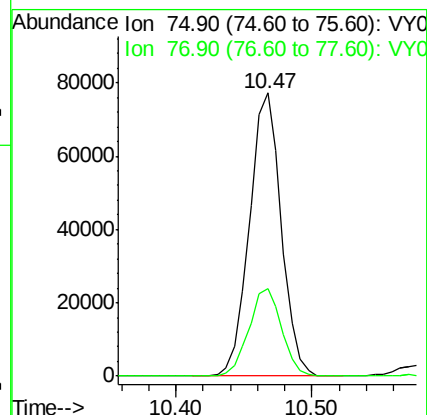
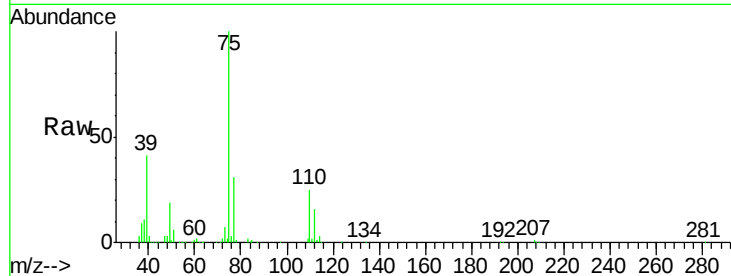
VY0721SBS01

Tot Ion: 75 Resp: 126380

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 22.514 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

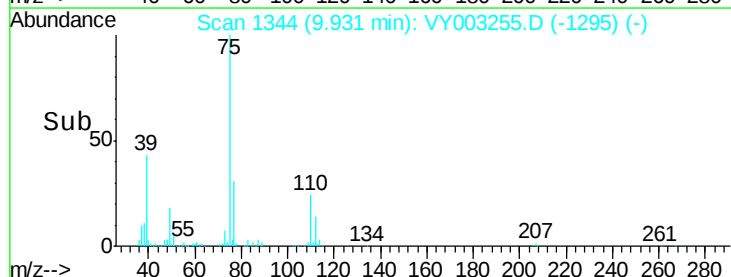
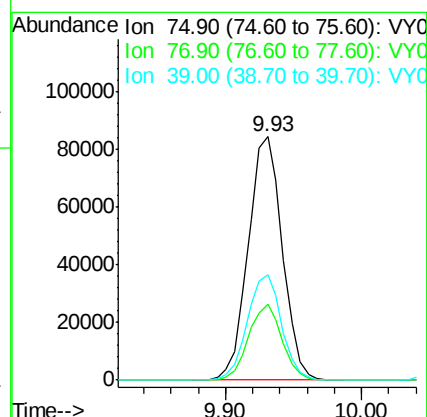
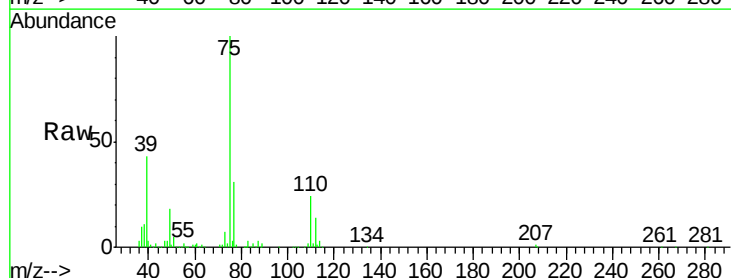
Tgt Ion: 75 Resp: 148479

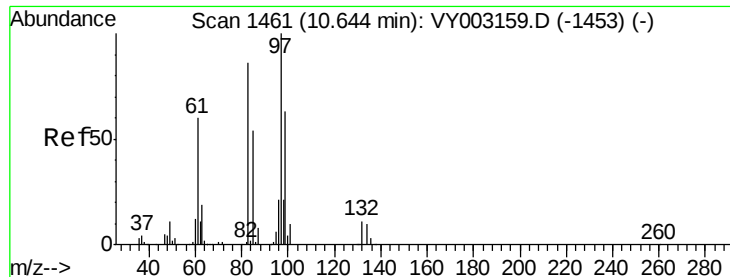
Ion Ratio Lower Upper

75 100

77 31.2 26.7 40.1

39 43.1 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 21.999 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tot Ion: 97 Resp: 72409

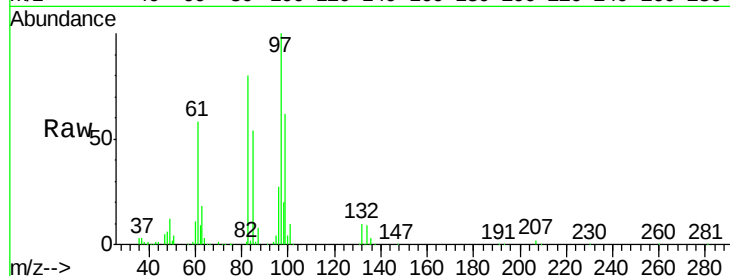
Ion Ratio Lower Upper

97 100

83 79.3 68.8 103.2

85 53.7 43.1 64.7

99 61.8 50.8 76.2

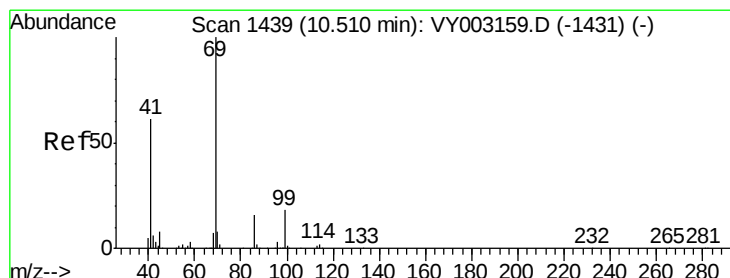
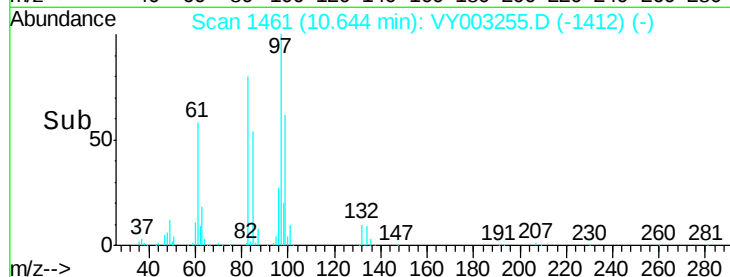
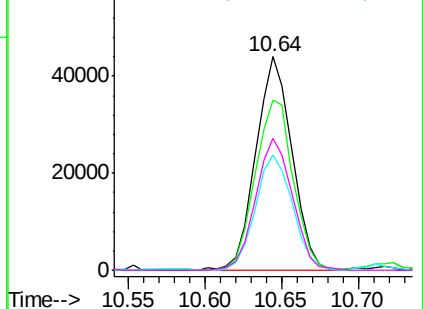


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 22.297 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

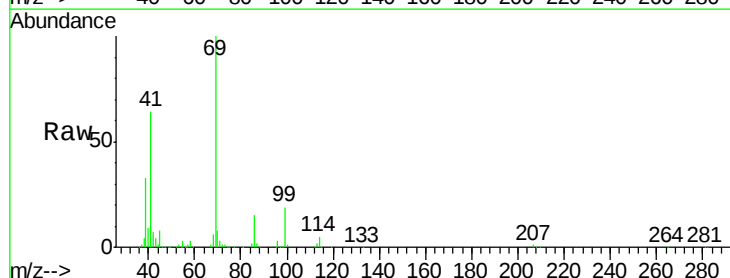
Tgt Ion: 69 Resp: 99778

Ion Ratio Lower Upper

69 100

41 63.4 50.0 75.0

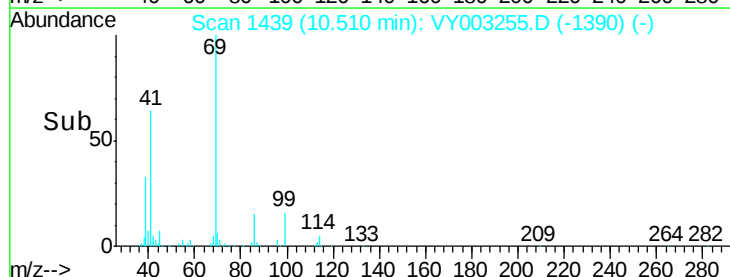
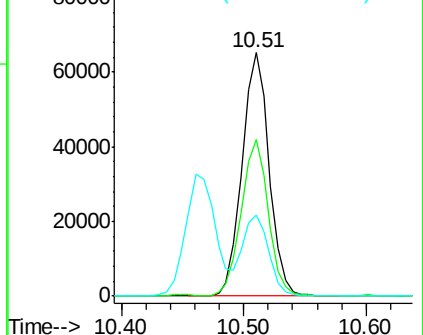
39 31.1 27.6 41.4

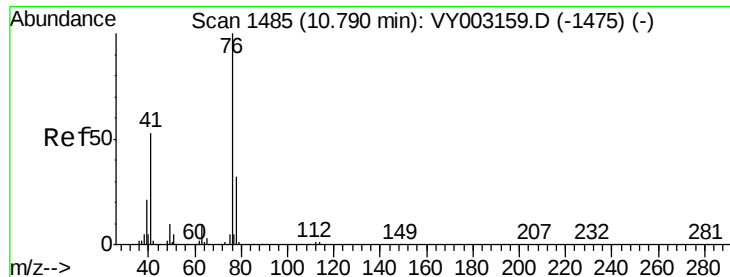


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 22.756 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

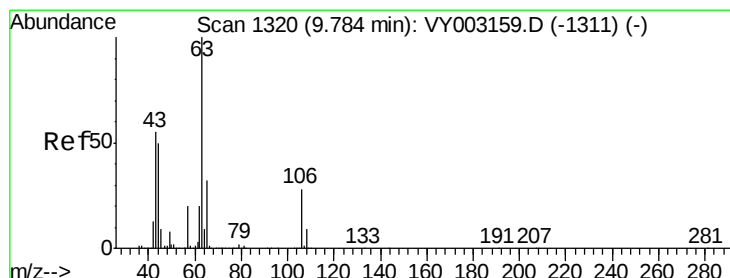
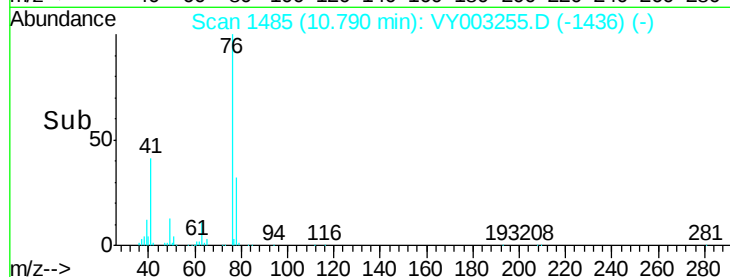
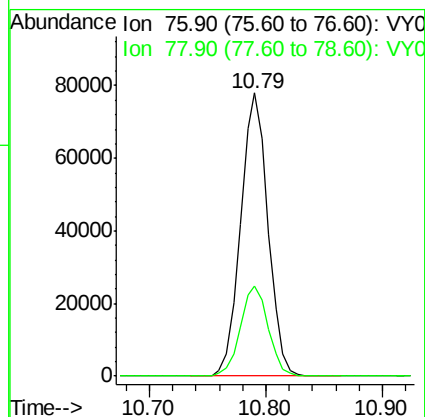
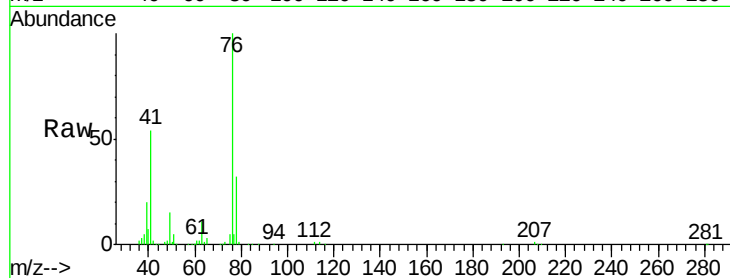
VY0721SBS01

Tot Ion: 76 Resp: 127001

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 111.343 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003255.D

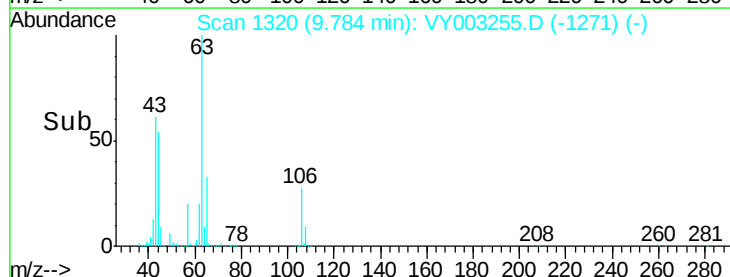
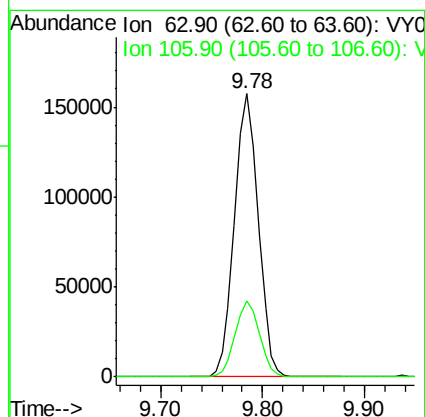
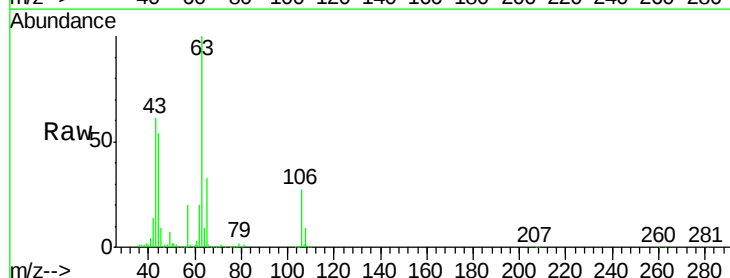
Acq: 21 Jul 2020 17:41

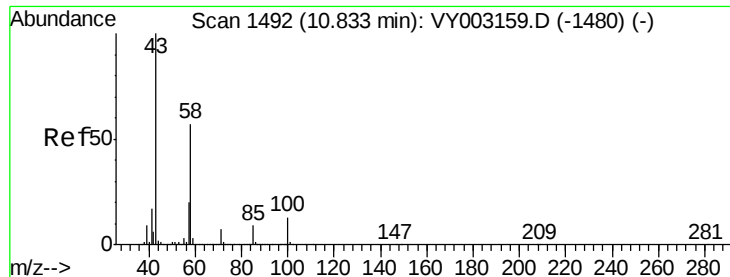
Tgt Ion: 63 Resp: 254108

Ion Ratio Lower Upper

63 100

106 27.4 22.9 34.3

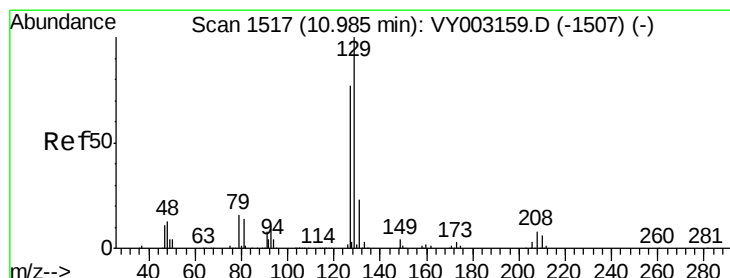
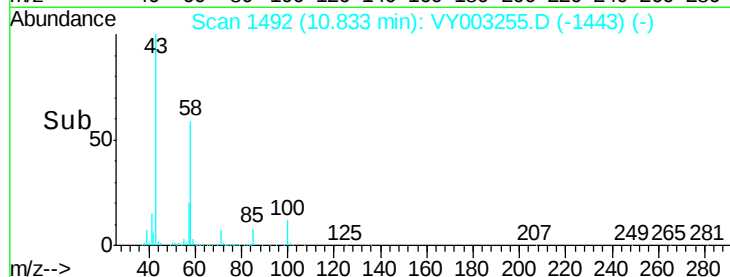
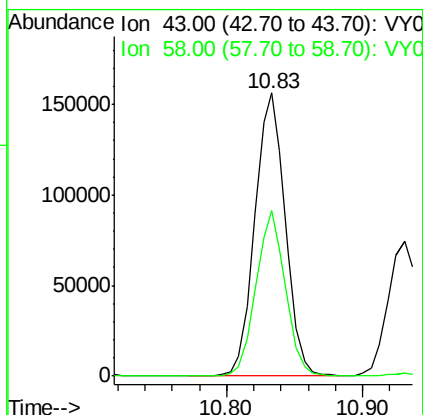
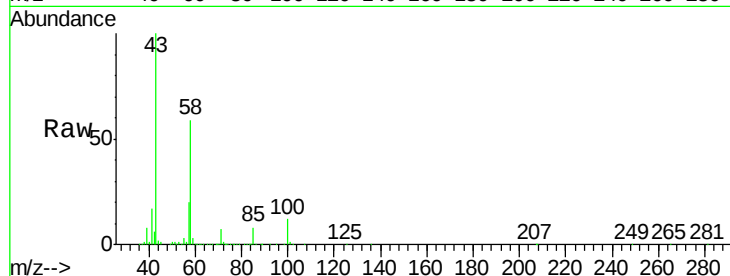




#59
2-Hexanone
Concen: 116.242 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

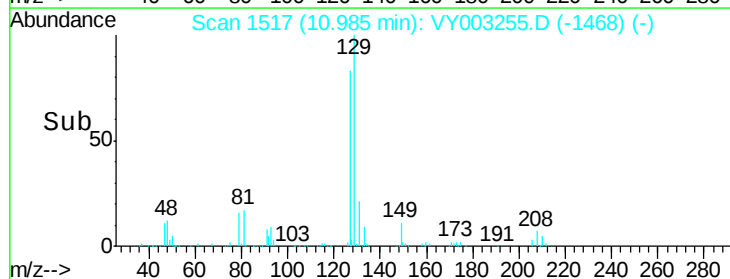
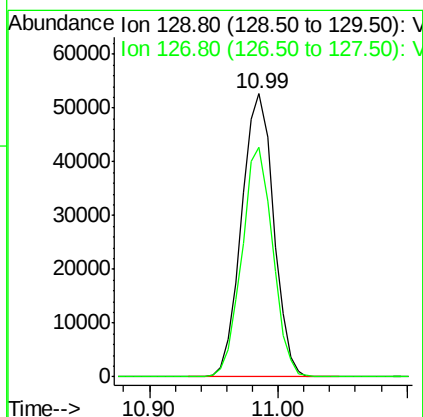
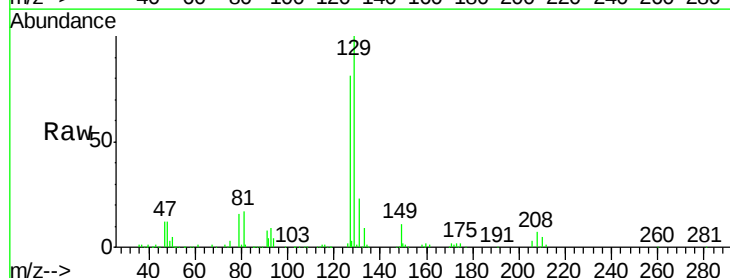
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

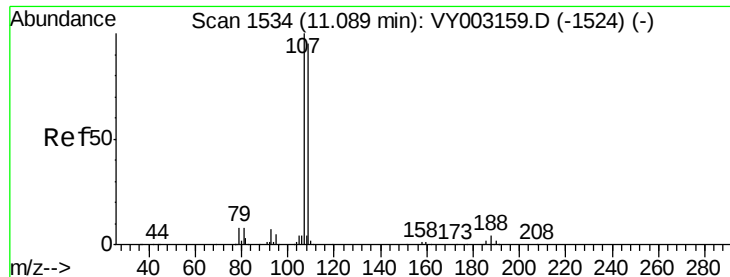
Tot Ion: 43 Resp: 245408
Ion Ratio Lower Upper
43 100
58 56.1 28.3 85.0



#60
Dibromochloromethane
Concen: 21.881 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion: 129 Resp: 90584
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

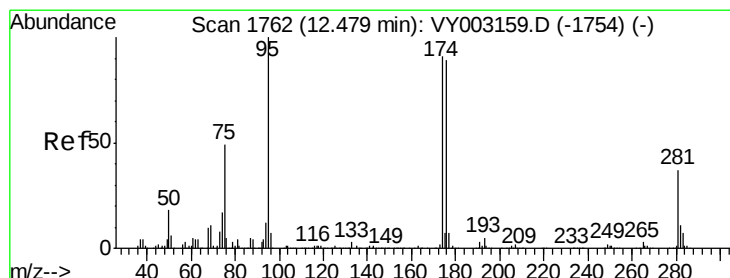
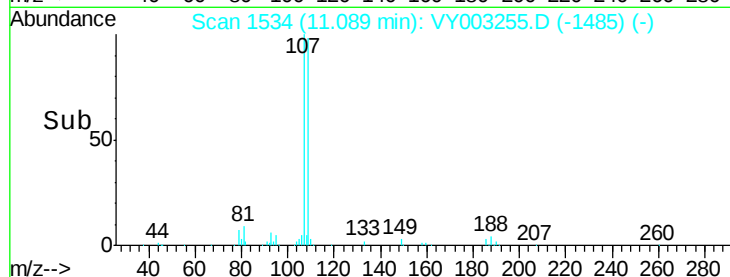
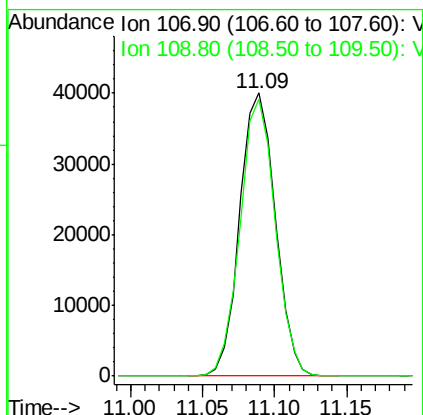
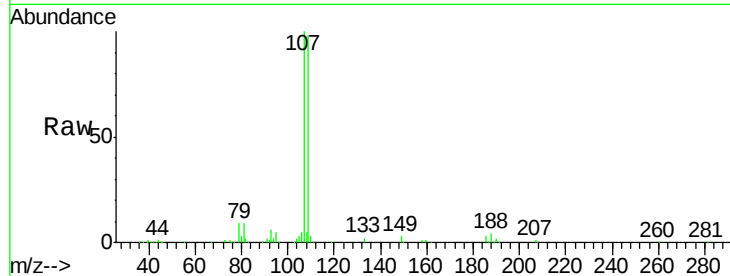




#61
 1,2-Dibromoethane
 Concen: 21.175 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

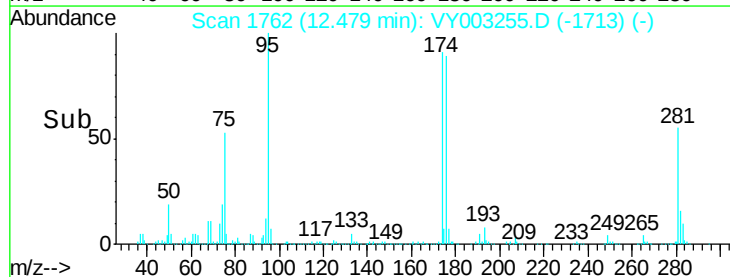
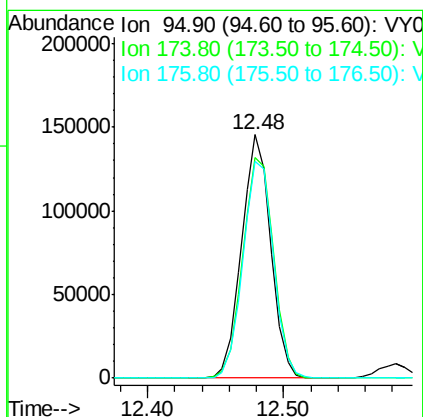
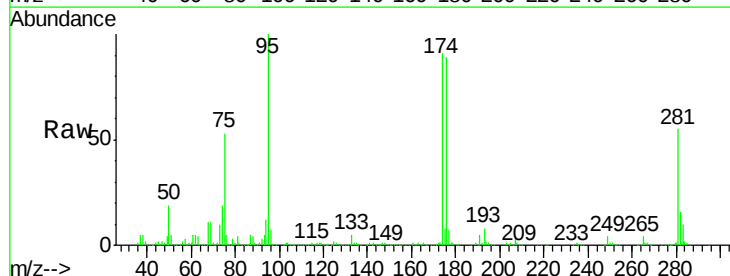
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

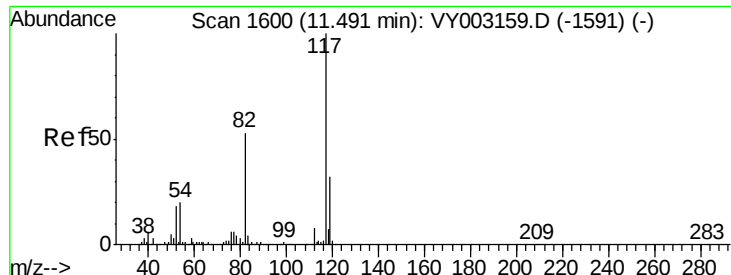
Tot Ion:107 Resp: 68788
 Ion Ratio Lower Upper
 107 100
 109 96.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 45.671 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion: 95 Resp: 217408
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 190.6
 176 93.5 0.0 186.4

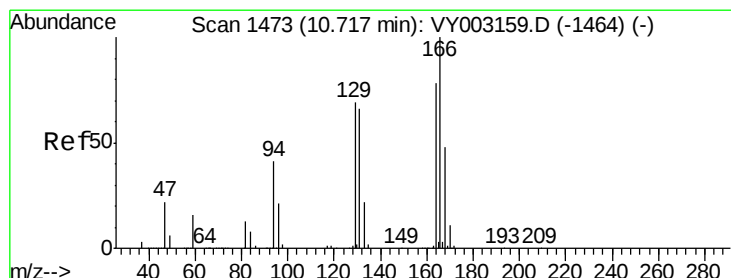
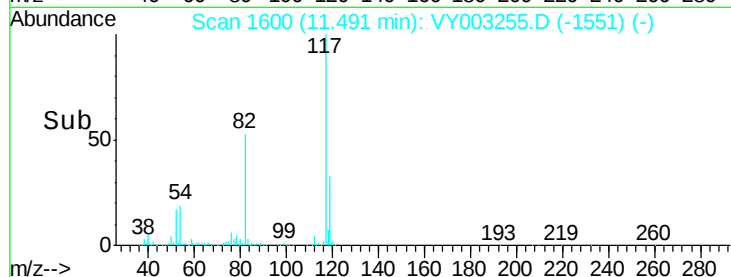
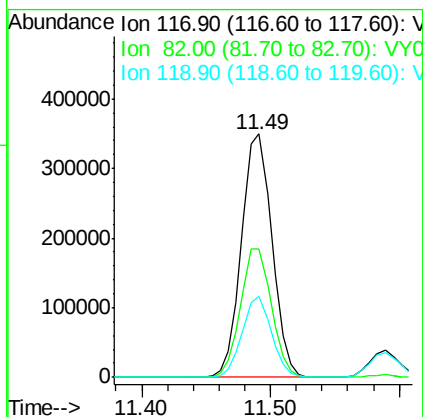
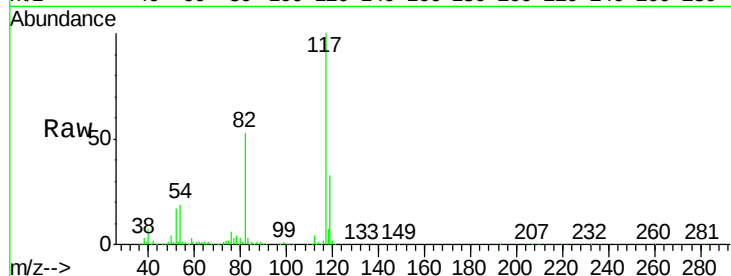




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

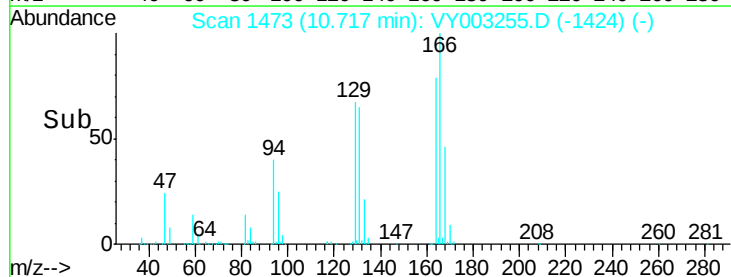
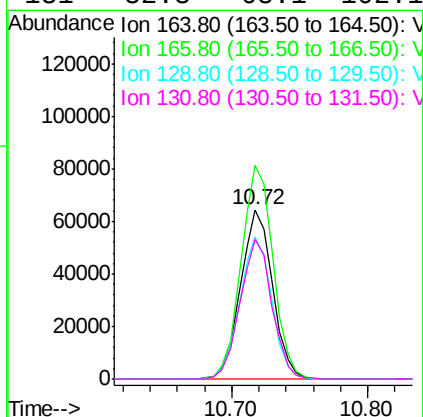
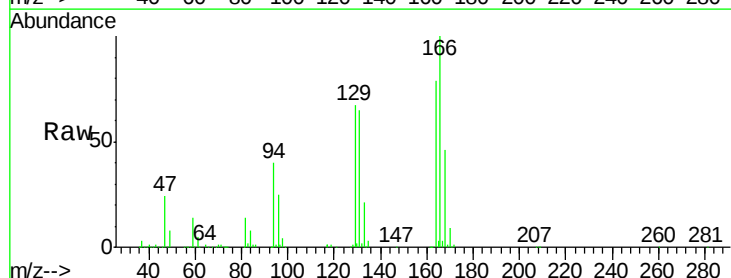
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

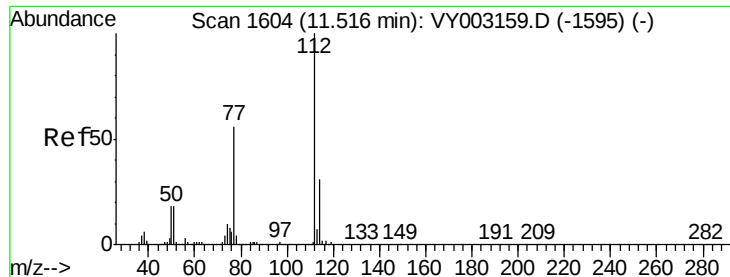
Tot Ion:117 Resp: 573299
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 20.639 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion:164 Resp: 105503
Ion Ratio Lower Upper
164 100
166 126.3 102.9 154.3
129 84.0 71.4 107.2
131 82.3 68.1 102.1

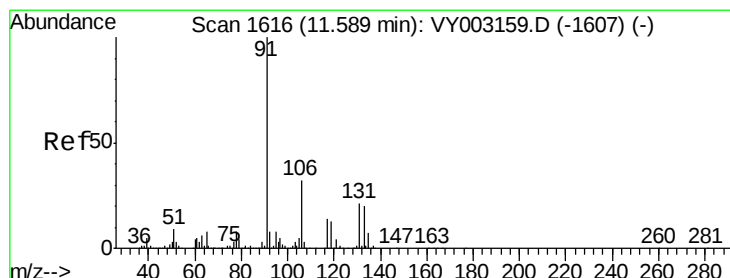
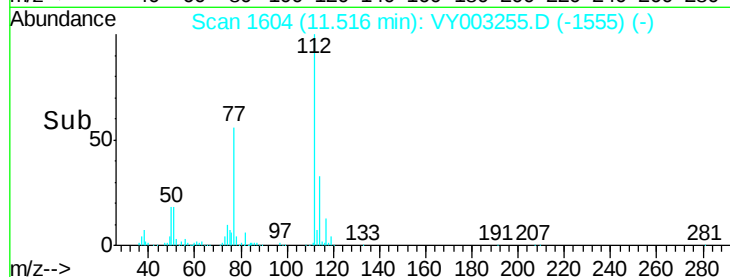
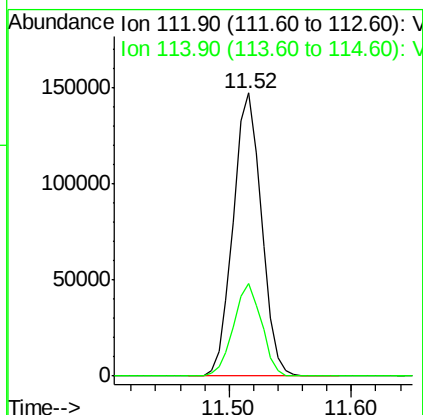
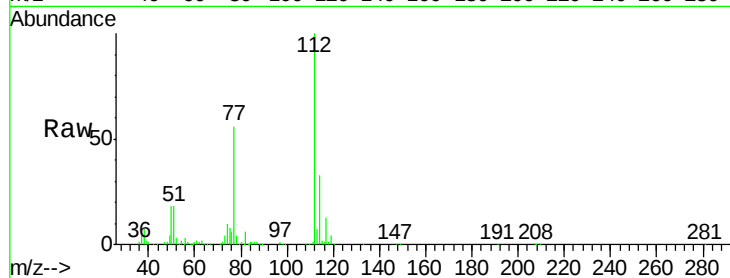




#65
Chlorobenzene
Concen: 21.294 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

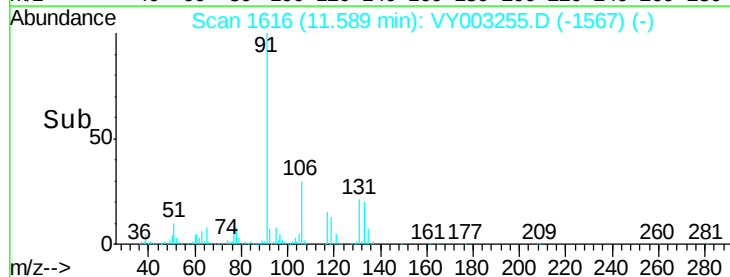
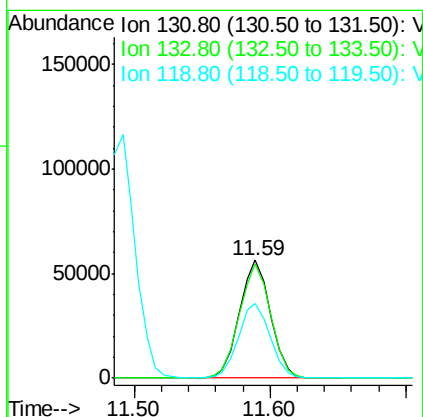
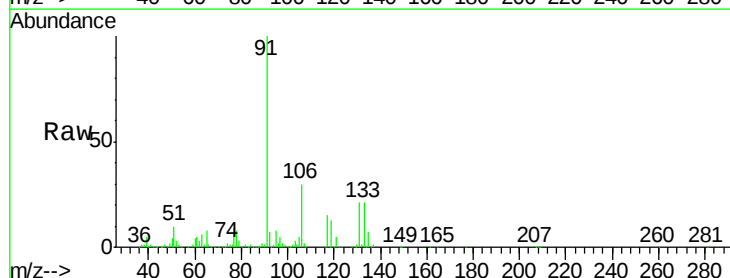
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

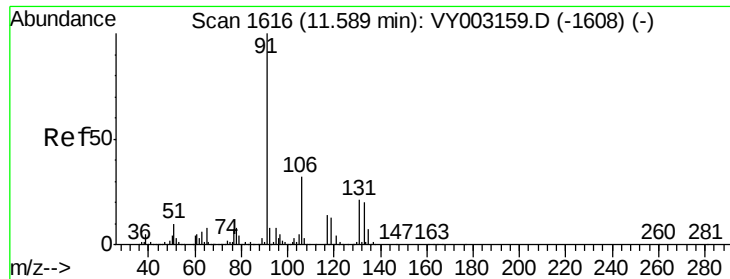
Tot Ion:112 Resp: 235179
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.912 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion:131 Resp: 89704
Ion Ratio Lower Upper
131 100
133 98.1 48.0 144.0
119 64.8 32.4 97.0

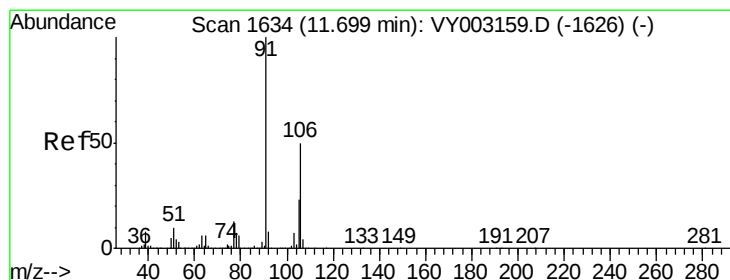
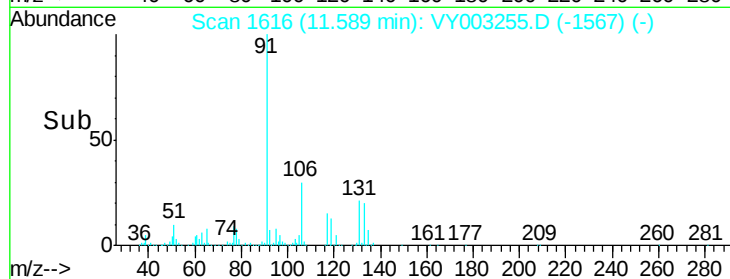
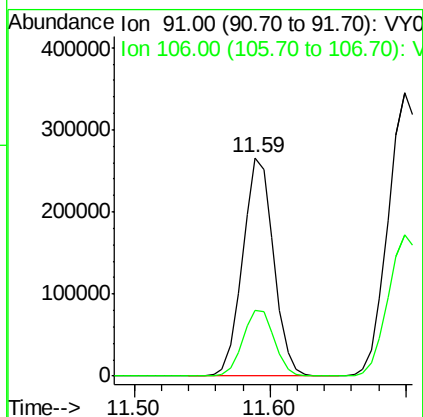
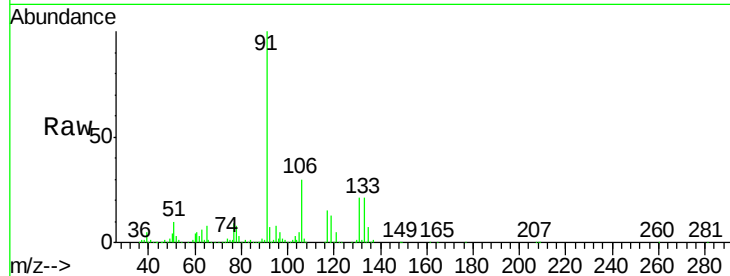




#67
Ethyl Benzene
Concen: 21.413 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

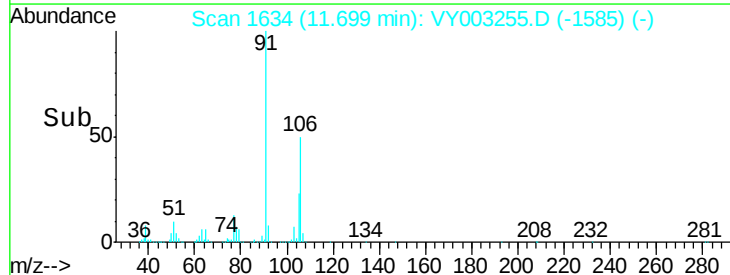
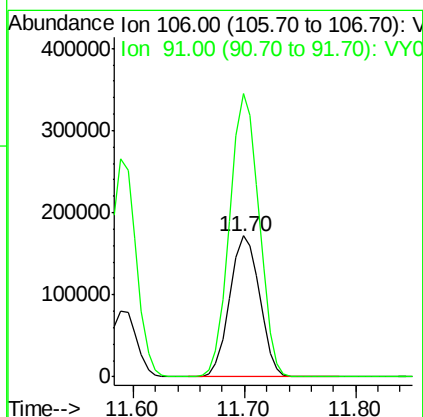
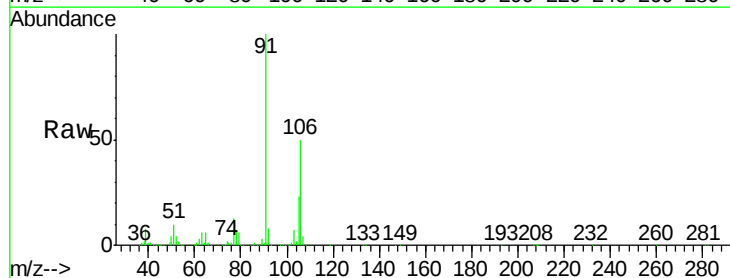
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

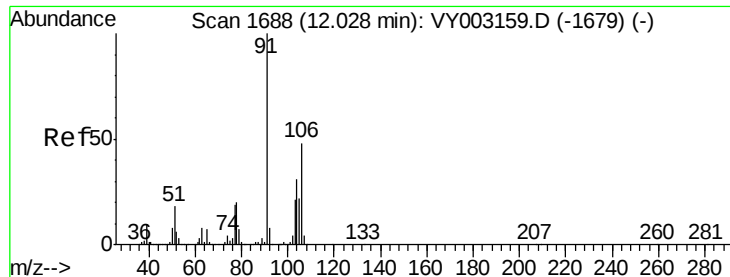
Tot Ion: 91 Resp: 422248
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3



#68
m/p-Xylenes
Concen: 42.657 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion: 106 Resp: 319170
Ion Ratio Lower Upper
106 100
91 197.8 159.0 238.6

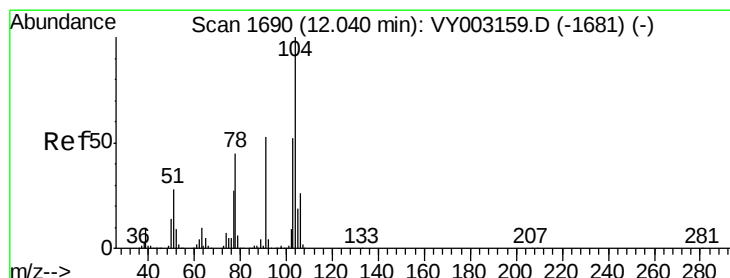
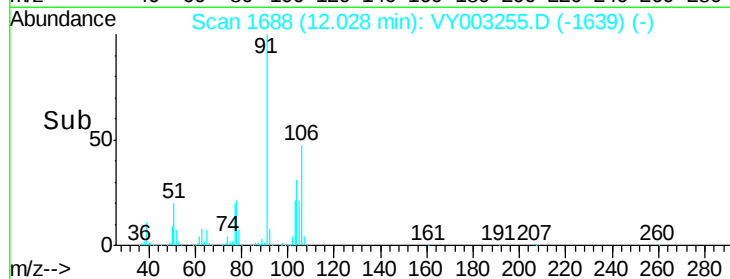
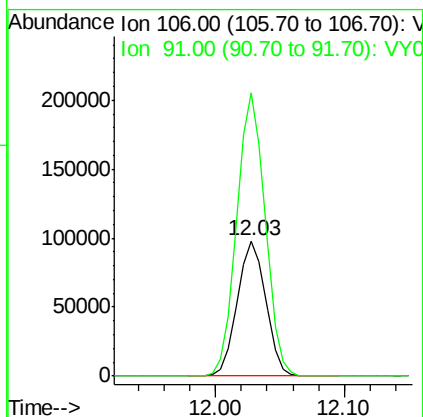
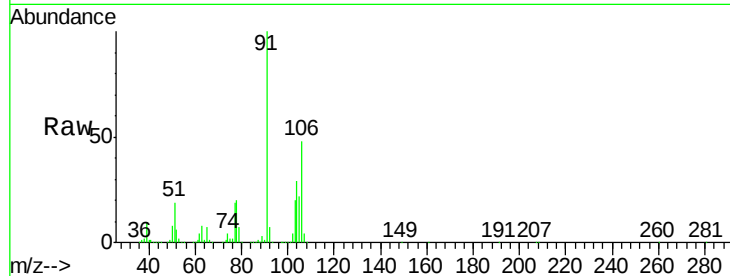




#69
o-Xylene
Concen: 21.511 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

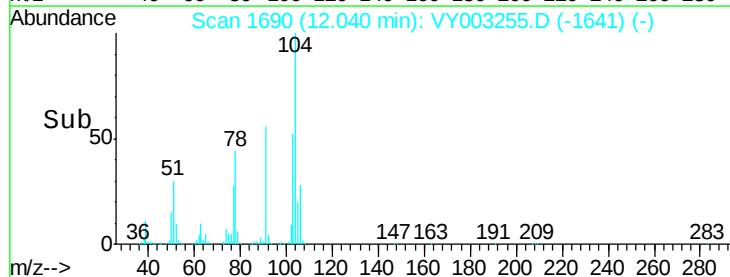
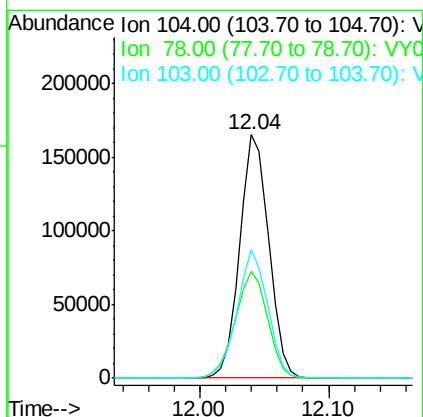
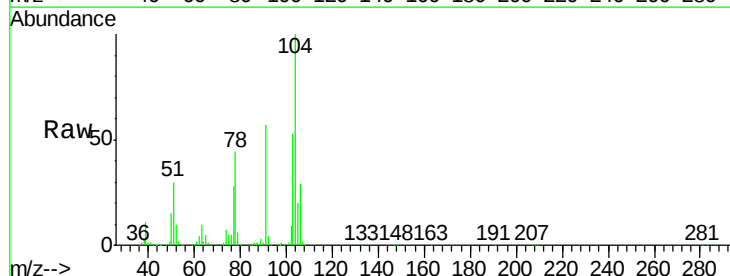
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

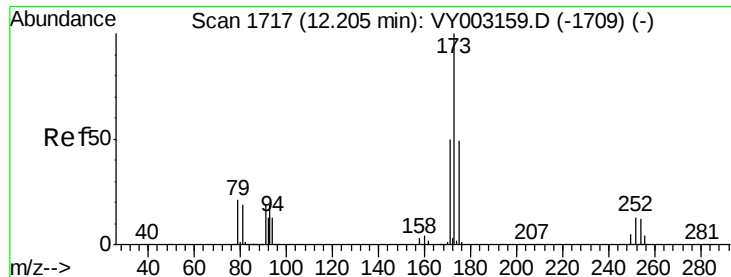
Tot Ion:106 Resp: 150360
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.1



#70
Styrene
Concen: 21.573 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion:104 Resp: 257957
Ion Ratio Lower Upper
104 100
78 48.9 38.5 57.7
103 55.7 43.9 65.9

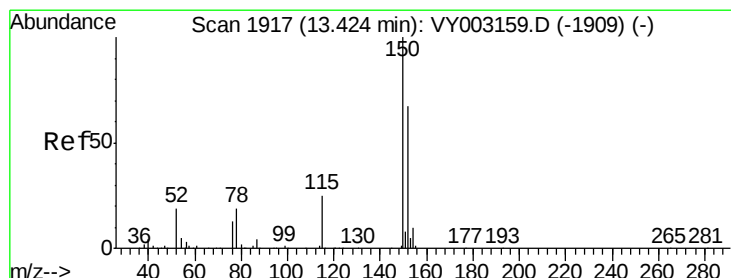
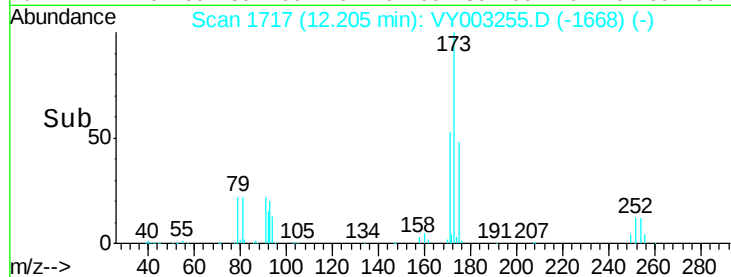
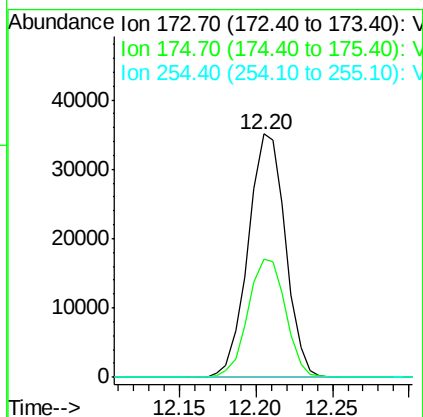
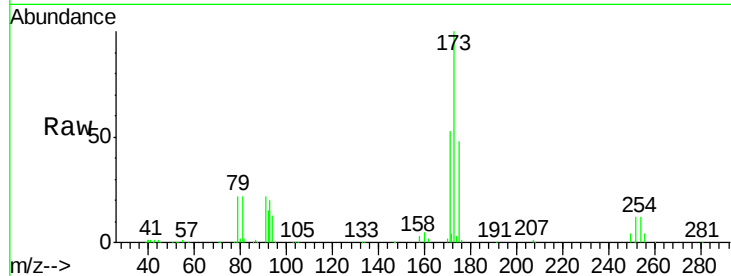




#71
Bromoform
Concen: 21.166 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

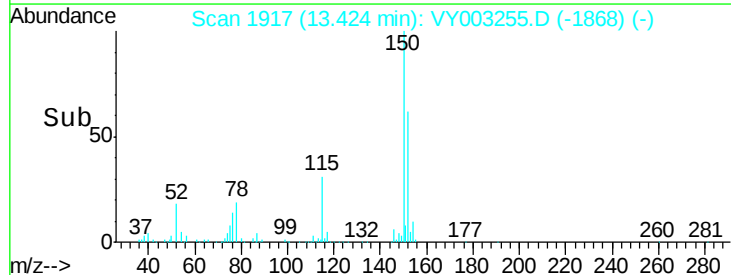
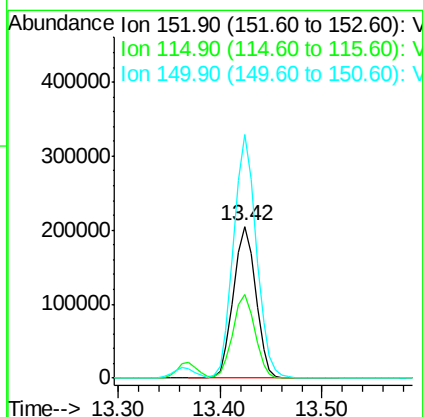
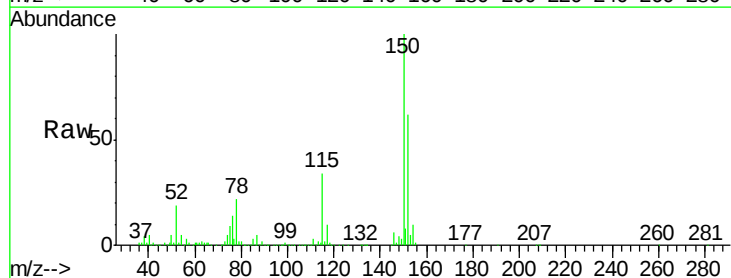
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

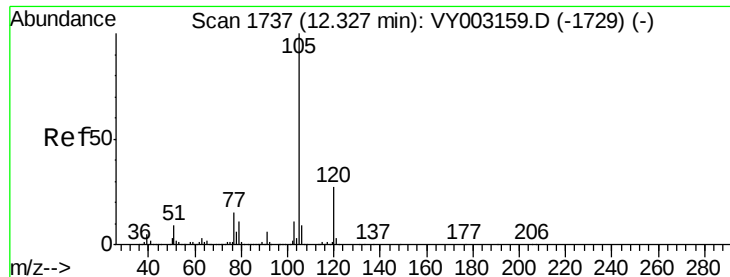
Tot Ion:173 Resp: 59591
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion:152 Resp: 310016
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.7
150 163.2 0.0 338.0





#73

Isopropylbenzene

Concen: 20.707 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

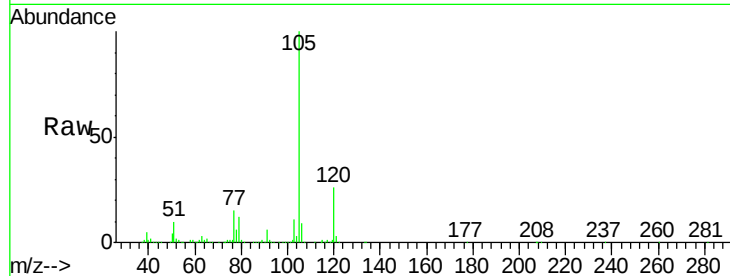
VY0721SBS01

Tot Ion:105 Resp: 409090

Ion Ratio Lower Upper

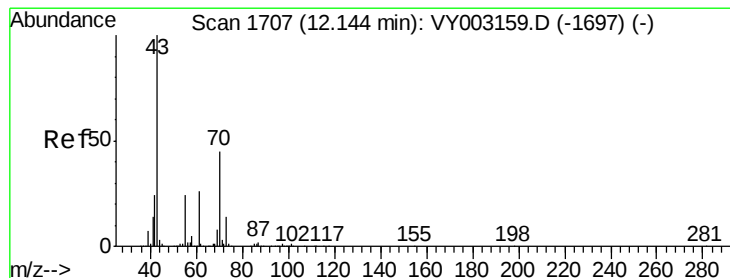
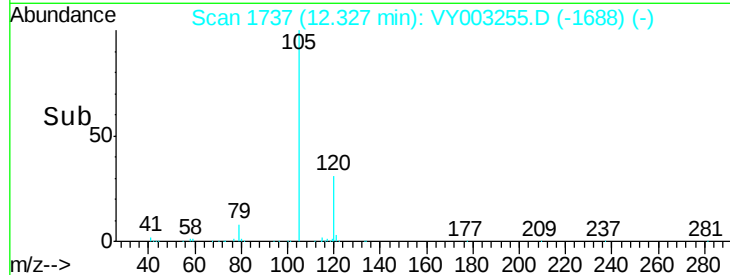
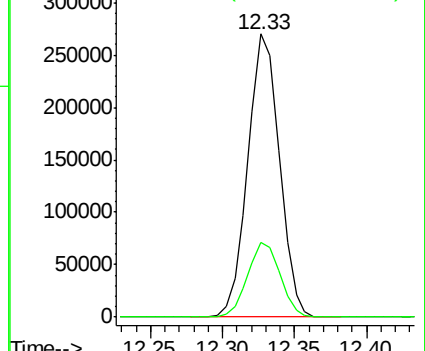
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.083 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Tgt Ion: 43 Resp: 122412

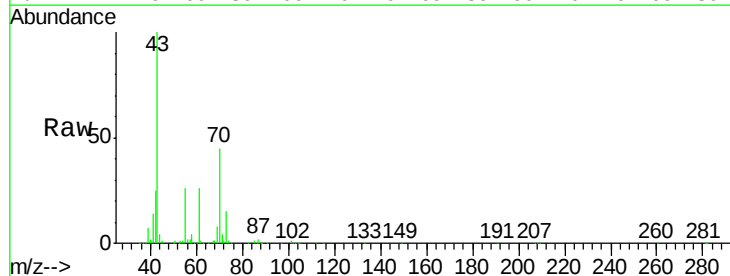
Ion Ratio Lower Upper

43 100

70 44.6 35.6 53.4

55 25.3 19.4 29.2

61 25.8 20.8 31.2

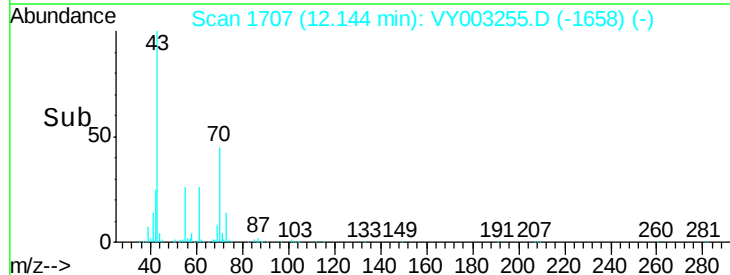
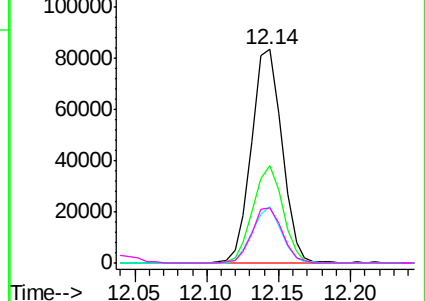


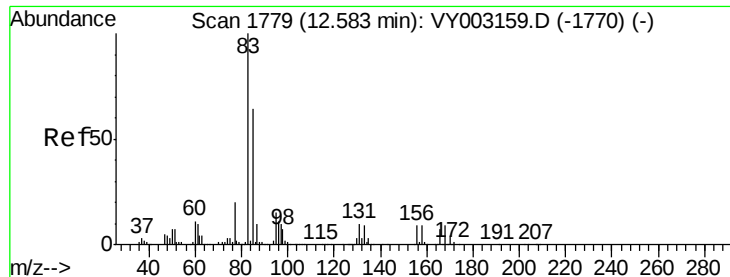
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 22.000 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

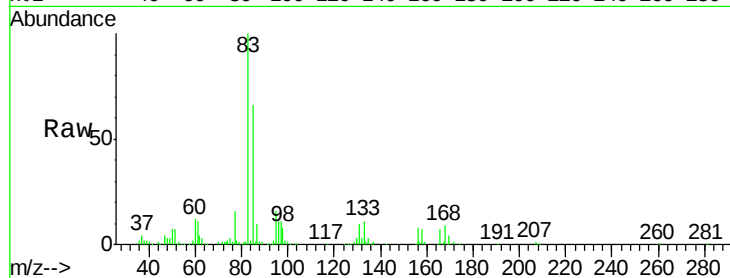
Tot Ion: 83 Resp: 83943

Ion Ratio Lower Upper

83 100

131 11.4 5.2 15.6

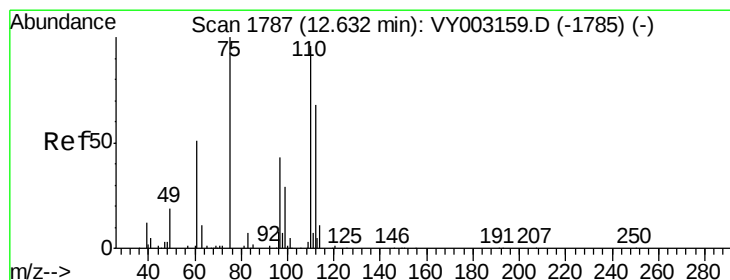
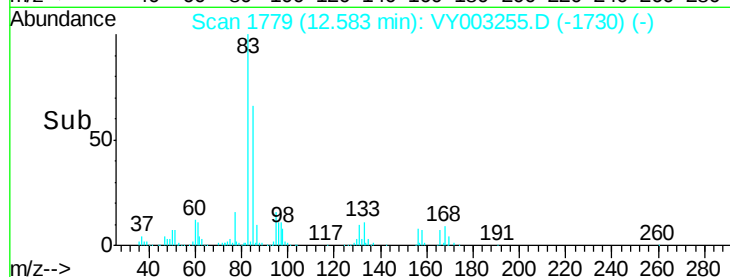
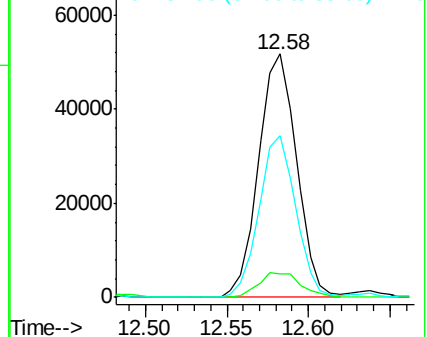
85 64.1 32.0 96.0



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: 42.012 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003255.D

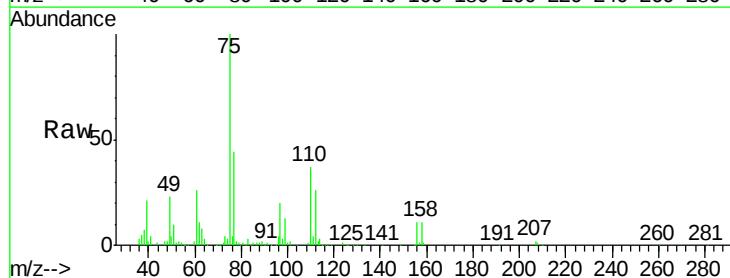
Acq: 21 Jul 2020 17:41

Tgt Ion: 75 Resp: 115287

Ion Ratio Lower Upper

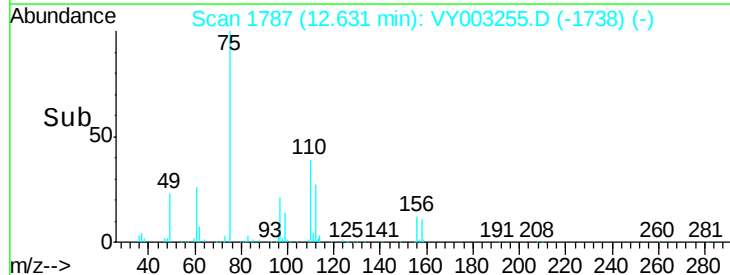
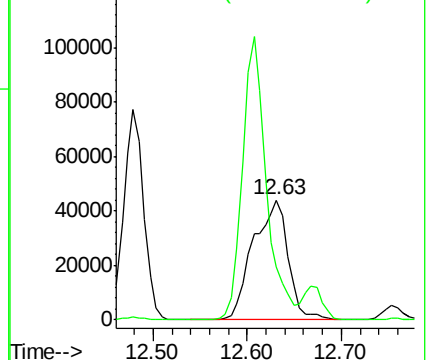
75 100

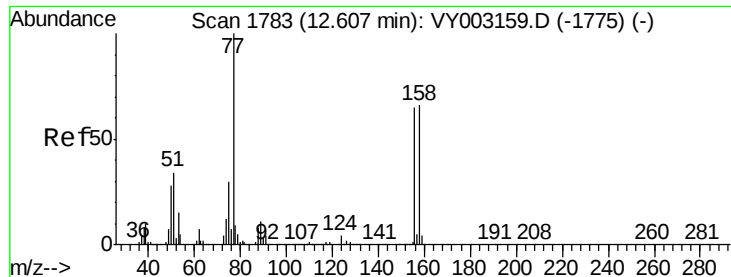
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

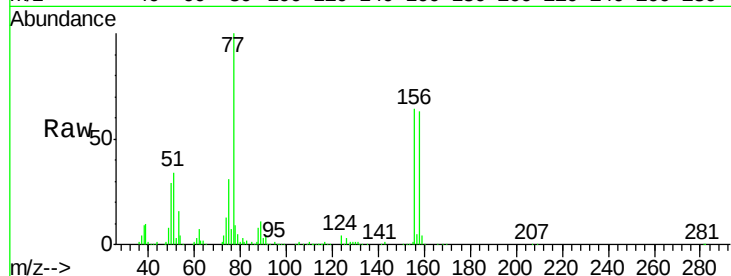




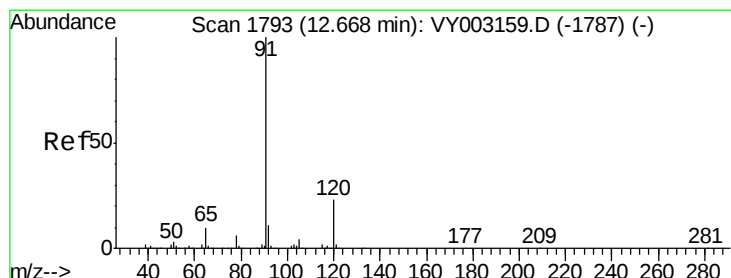
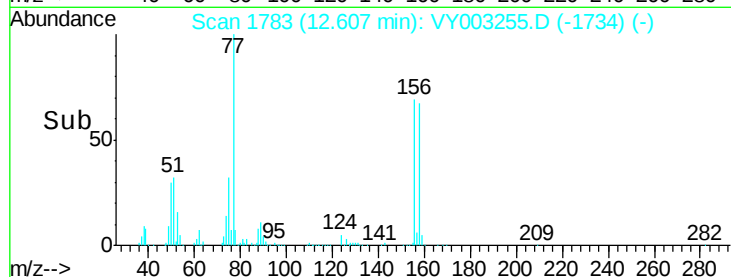
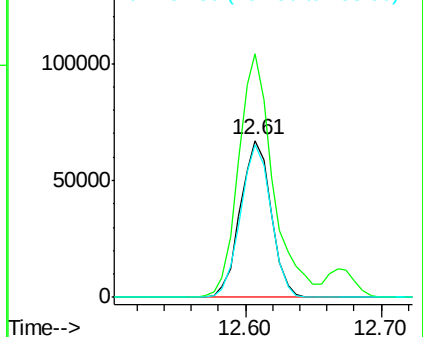
#77
Bromobenzene
Concen: 21.010 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	173.4	86.6	259.7
158	96.9	49.4	148.0

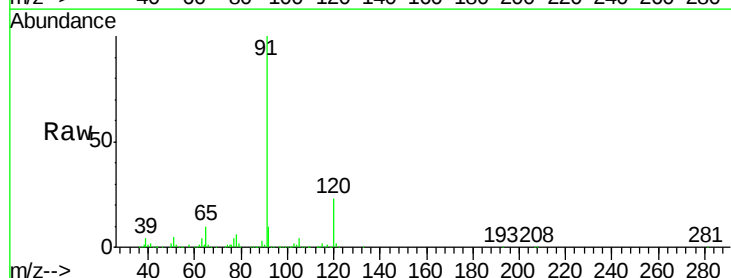


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

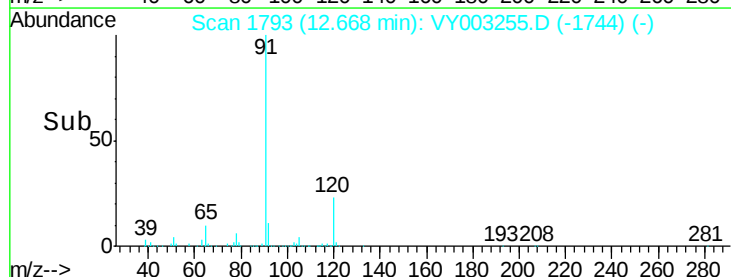
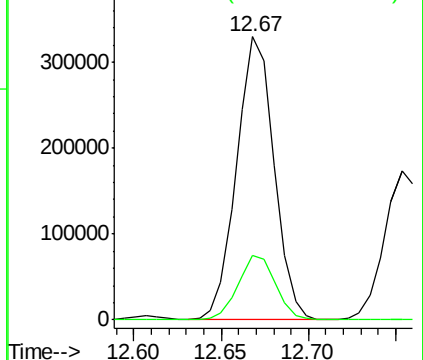


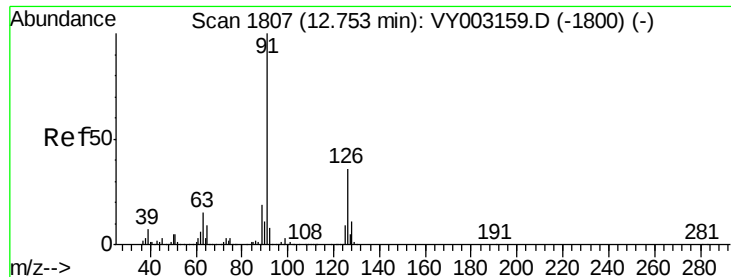
#78
n-propylbenzene
Concen: 21.052 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003255.D
Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

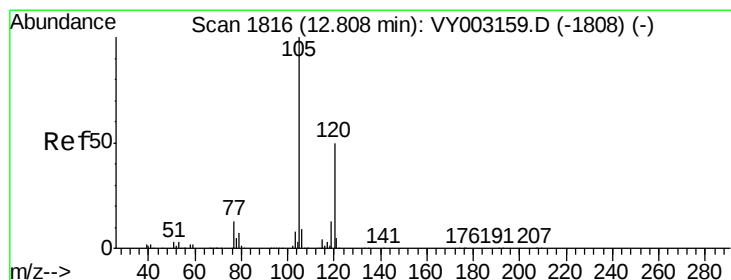
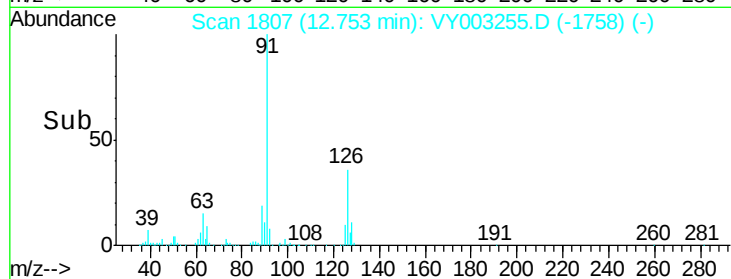
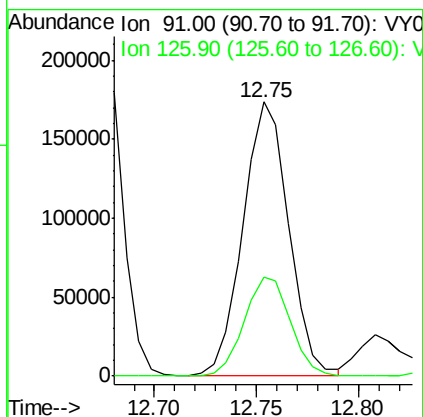
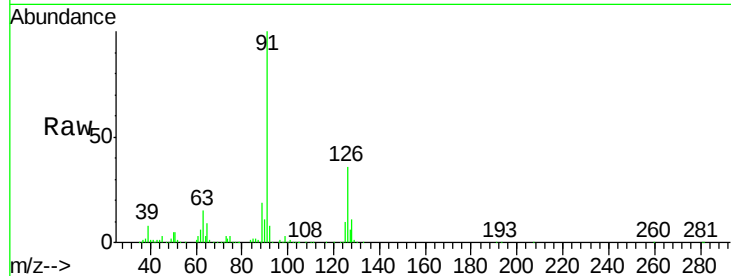




#79
 2-Chlorotoluene
 Concen: 20.819 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

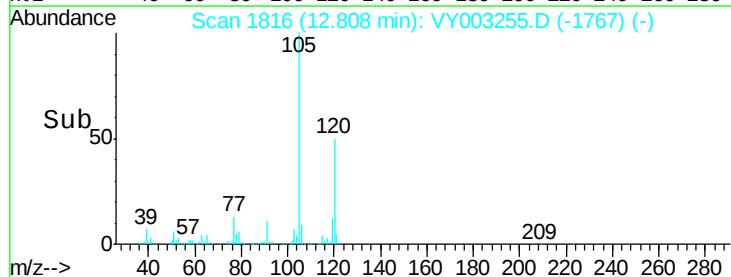
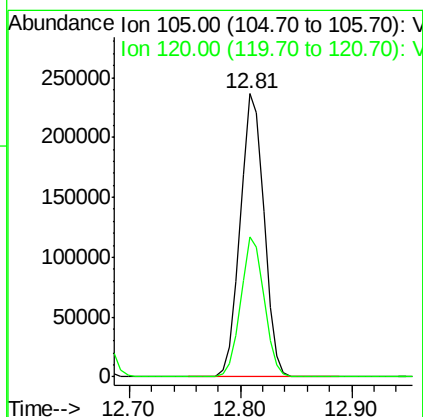
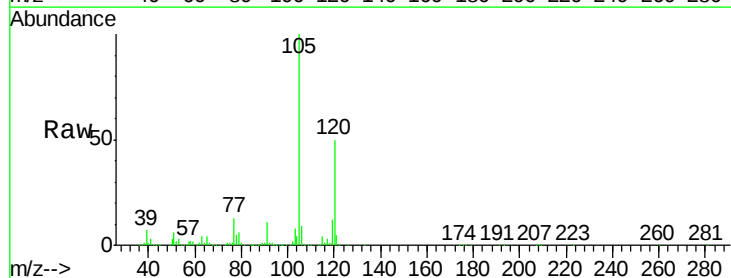
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

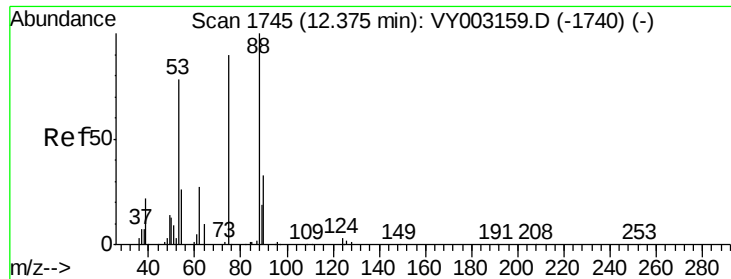
Tot Ion: 91 Resp: 270501
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.253 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion: 105 Resp: 349952
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.159 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

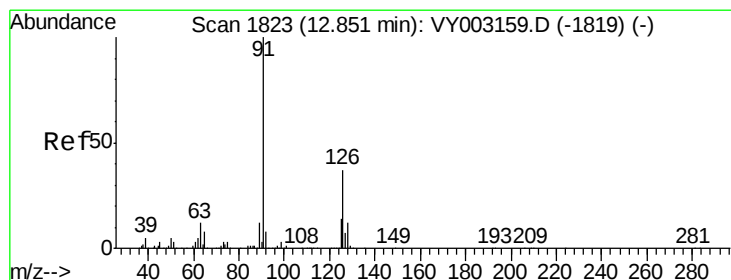
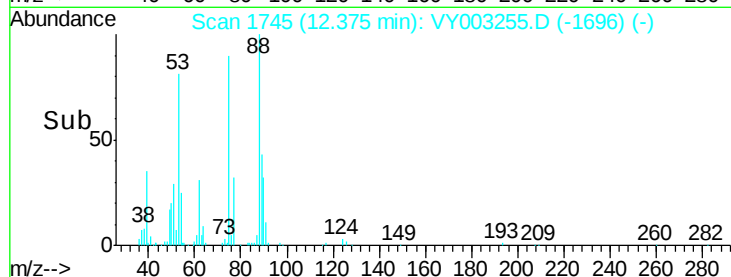
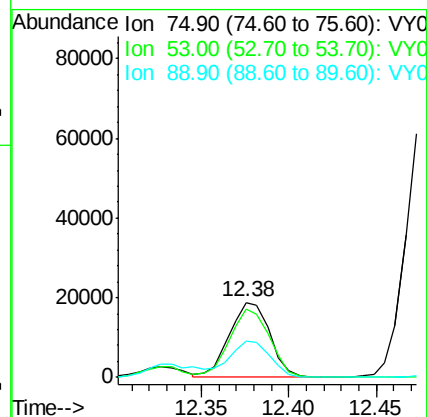
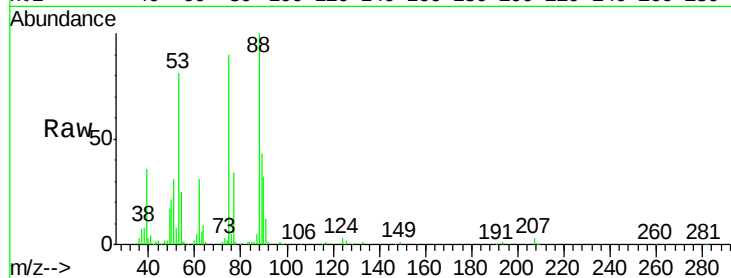
Tot Ion: 75 Resp: 29835

Ion Ratio Lower Upper

75 100

53 91.2 72.0 108.0

89 49.7 37.3 55.9



#82

4-Chlorotoluene

Concen: 20.947 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003255.D

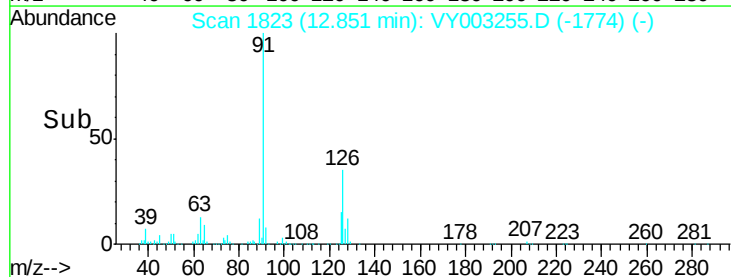
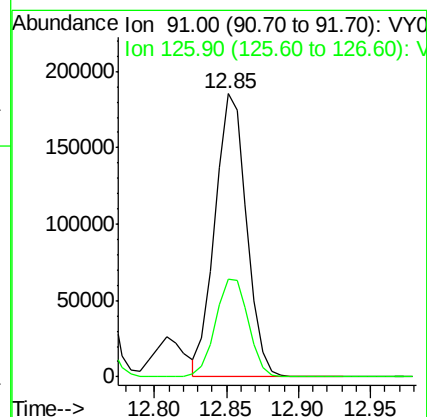
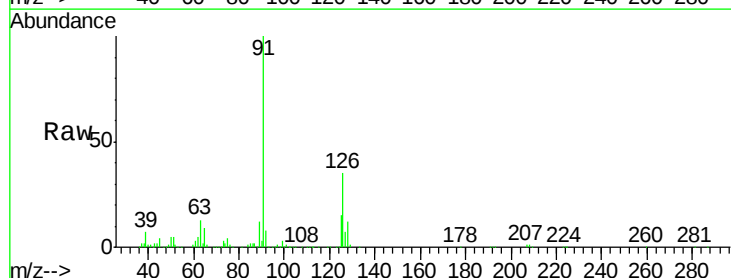
Acq: 21 Jul 2020 17:41

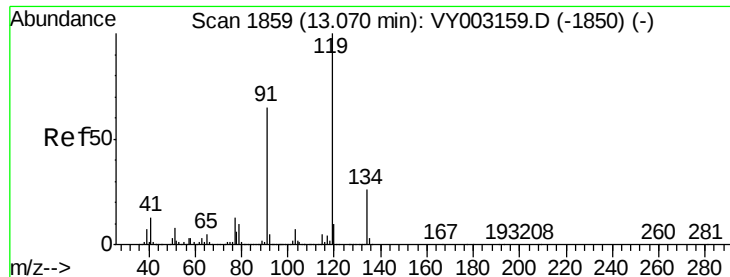
Tgt Ion: 91 Resp: 284078

Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7

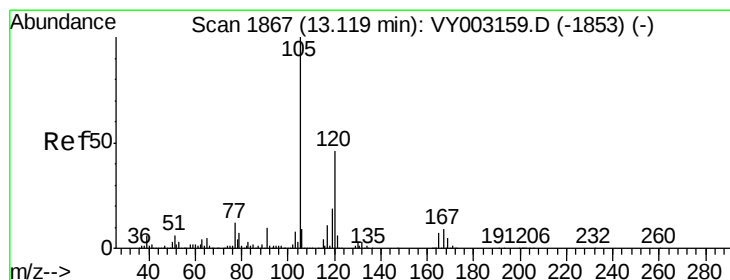
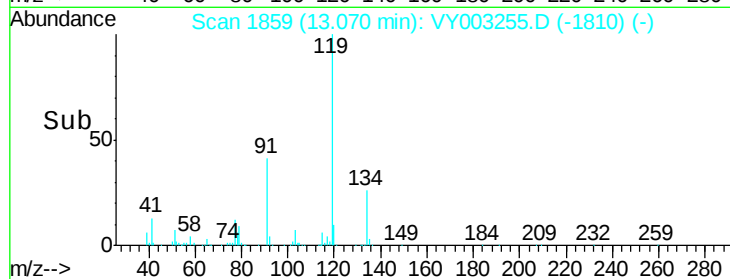
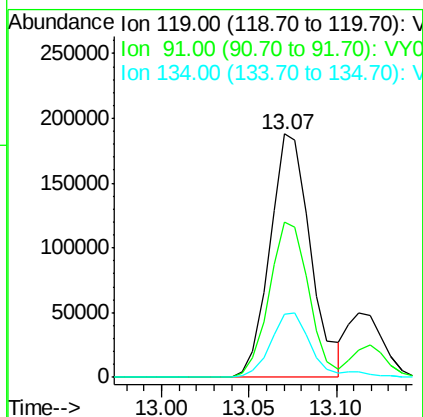
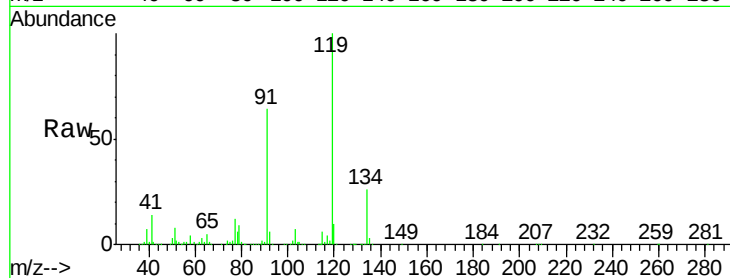




#83
 tert-Butylbenzene
 Concen: 21.073 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

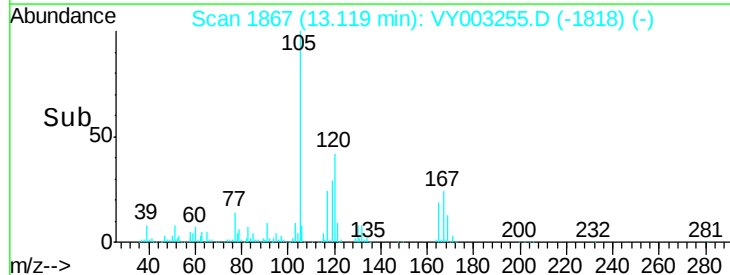
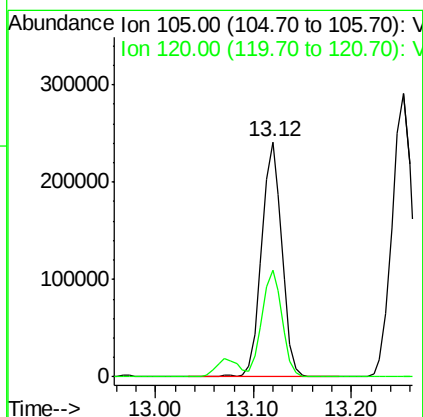
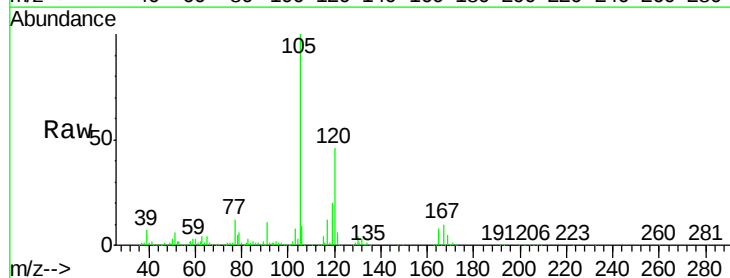
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

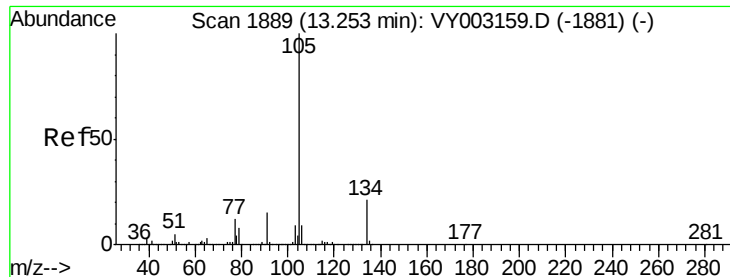
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.8	92.4
134	26.8	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.089 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.5	67.5





#85

sec-Butylbenzene

Concen: 21.122 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

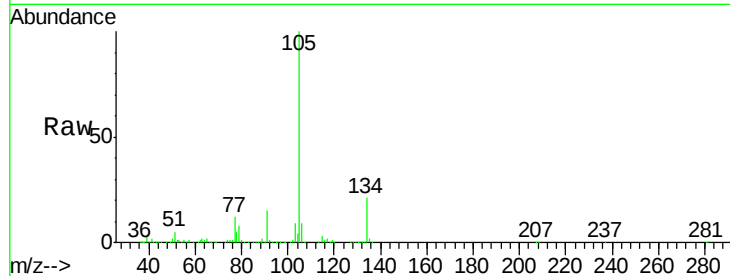
VY0721SBS01

Tot Ion:105 Resp: 421793

Ion Ratio Lower Upper

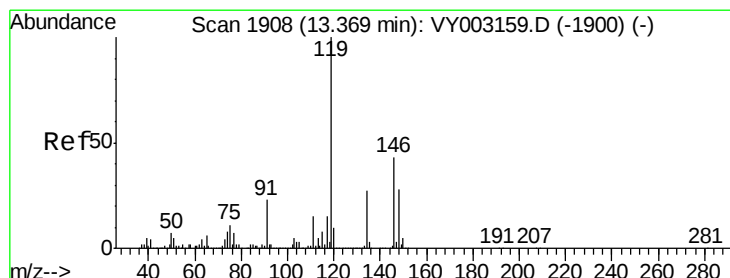
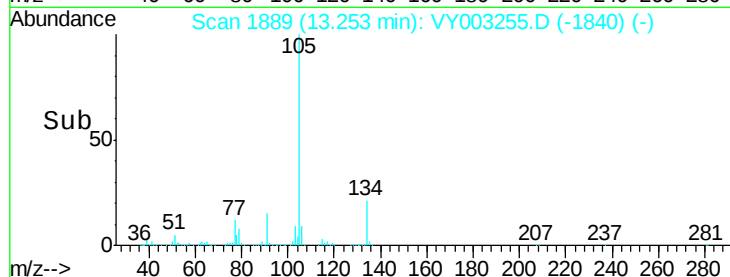
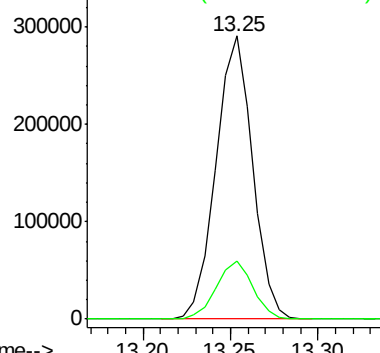
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.903 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

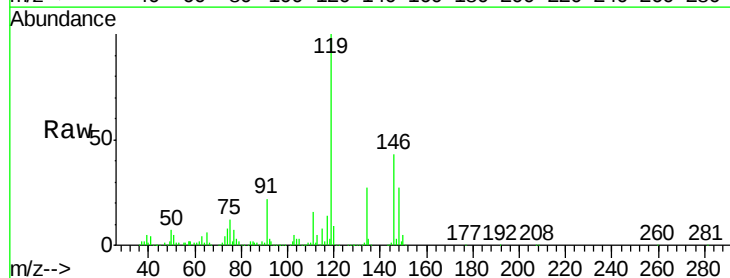
Tgt Ion:119 Resp: 389755

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

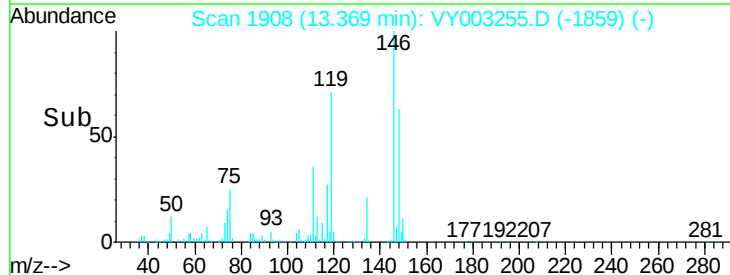
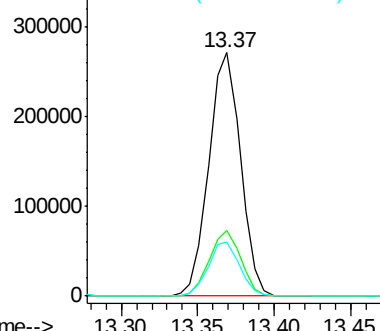
91 22.0 11.2 33.6

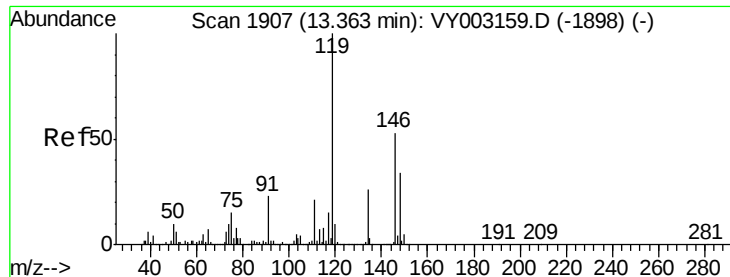


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

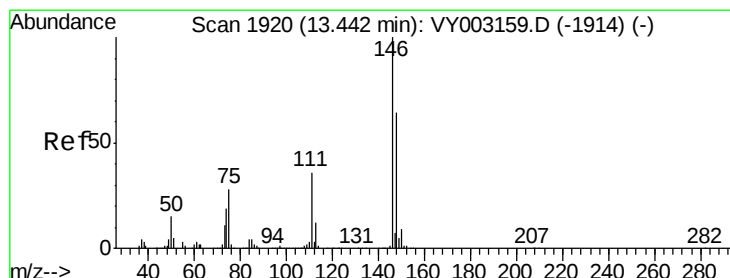
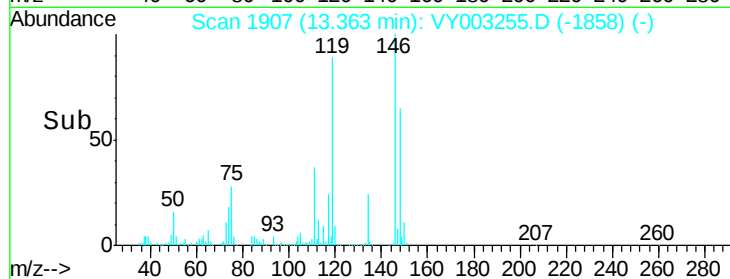
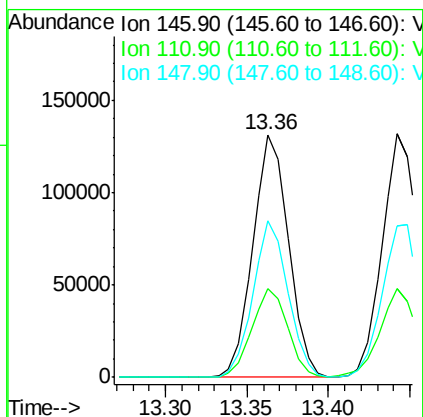
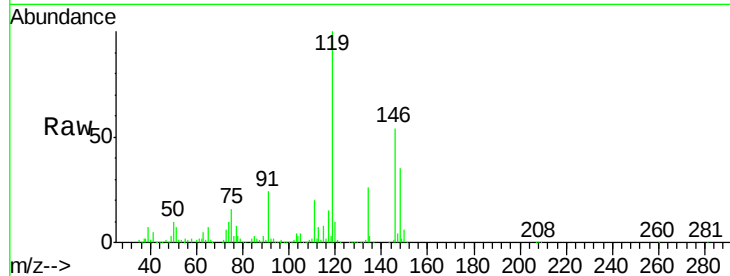




#87
 1,3-Dichlorobenzene
 Concen: 20.927 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

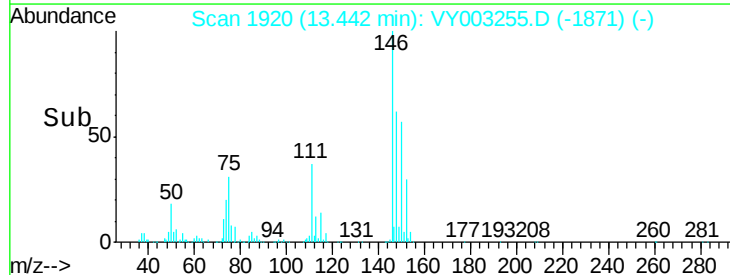
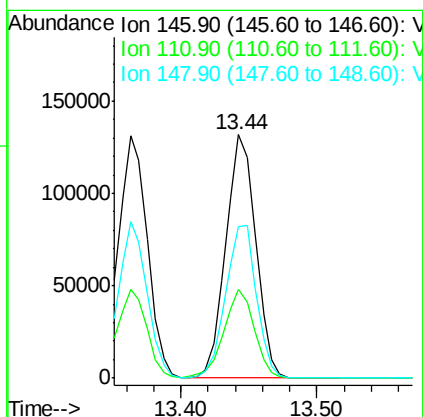
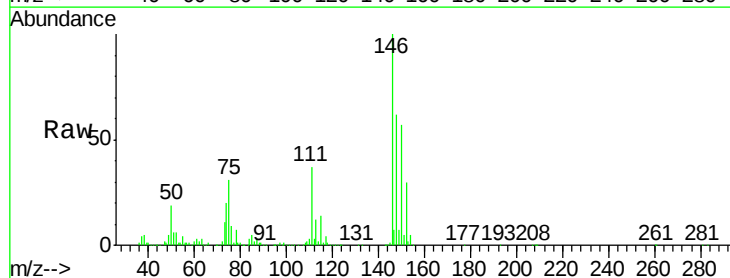
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

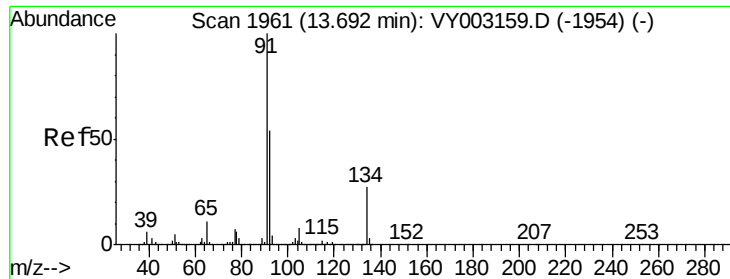
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.3
148	63.6	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 21.411 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.0
148	64.3	32.0	96.0





#89

n-Butylbenzene

Concen: 21.260 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

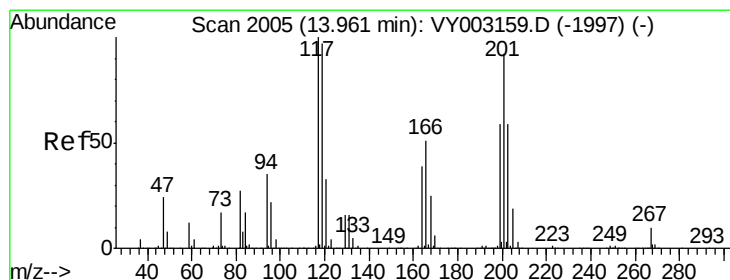
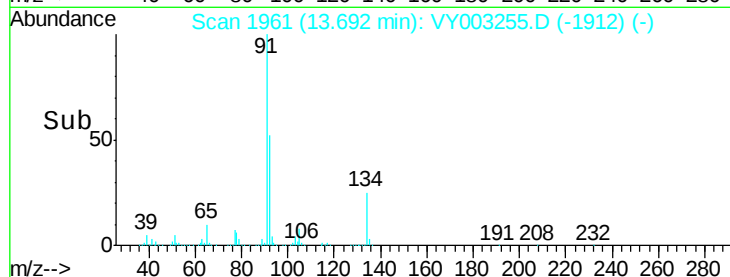
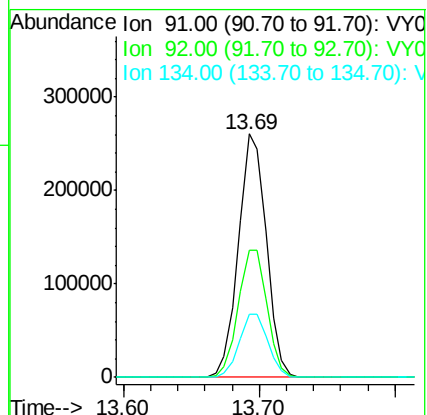
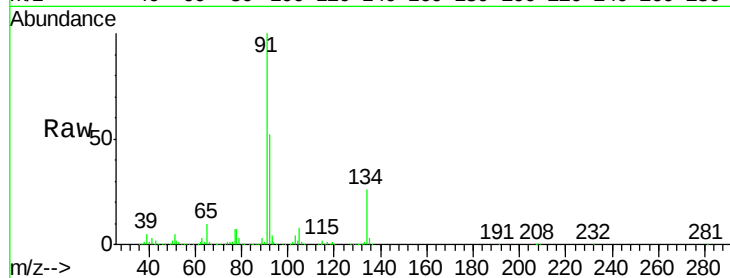
Tot Ion: 91 Resp: 372868

Ion Ratio Lower Upper

91 100

92 54.2 26.9 80.7

134 26.8 13.6 40.7



#90

Hexachloroethane

Concen: 21.585 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003255.D

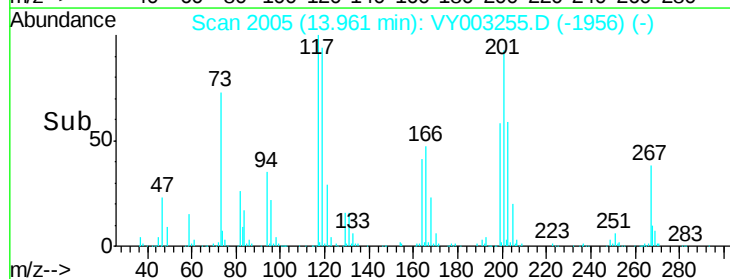
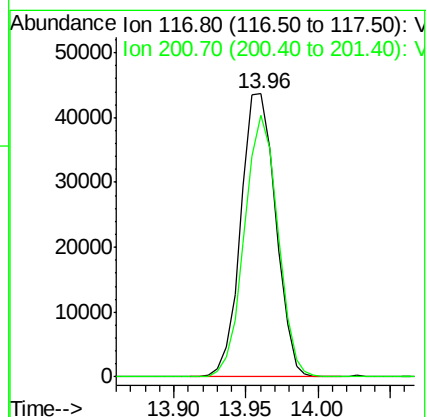
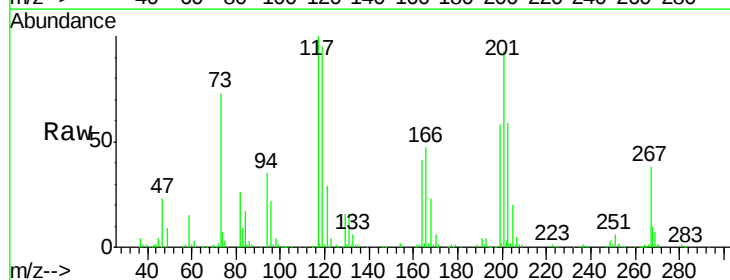
Acq: 21 Jul 2020 17:41

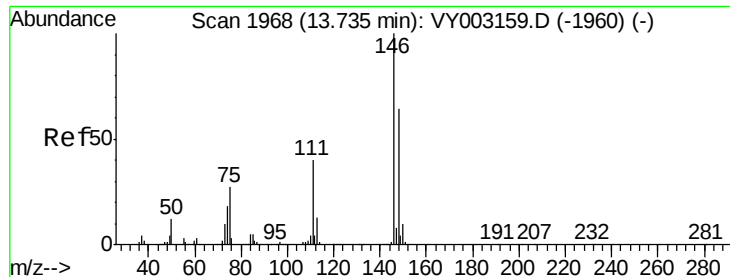
Tgt Ion: 117 Resp: 73291

Ion Ratio Lower Upper

117 100

201 88.6 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 21.991 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

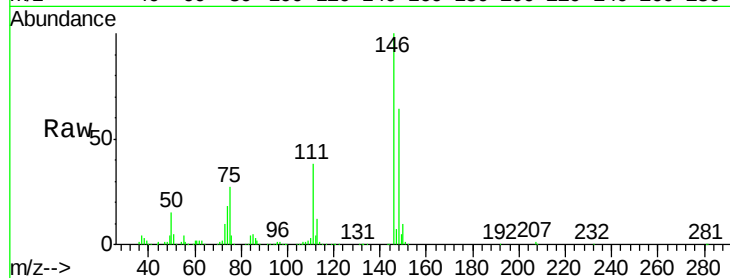
Tot Ion:146 Resp: 183787

Ion Ratio Lower Upper

146 100

111 38.0 19.6 58.8

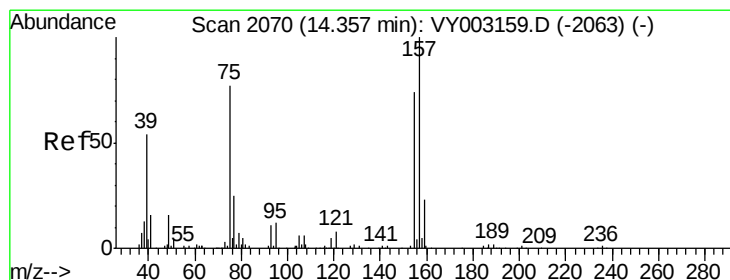
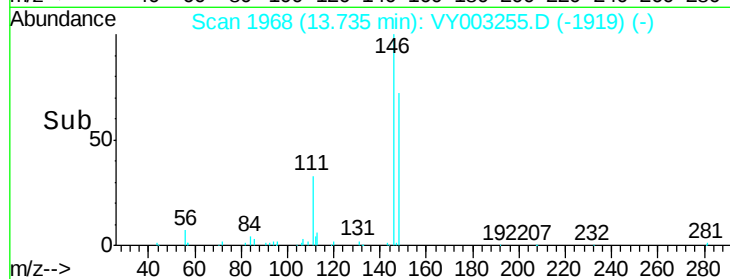
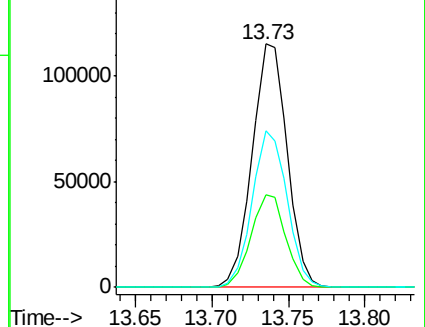
148 64.0 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.492 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

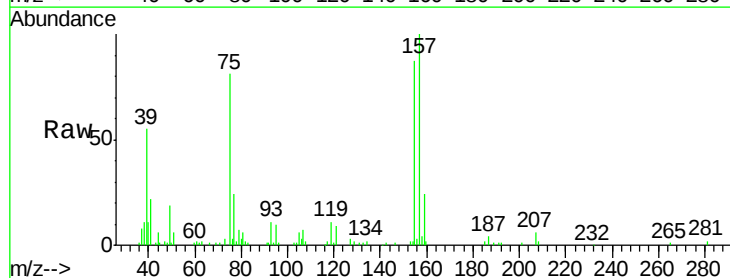
Tgt Ion: 75 Resp: 14532

Ion Ratio Lower Upper

75 100

155 97.2 48.1 144.3

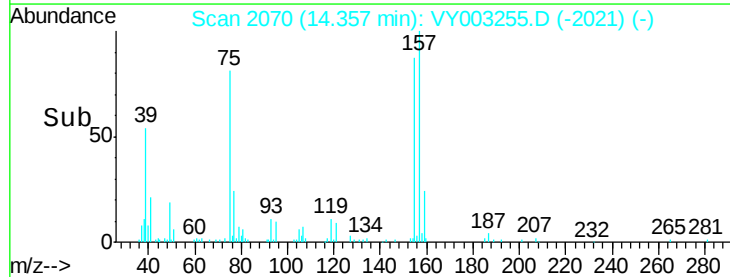
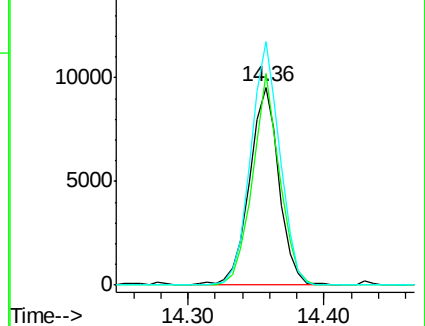
157 120.7 61.9 185.6

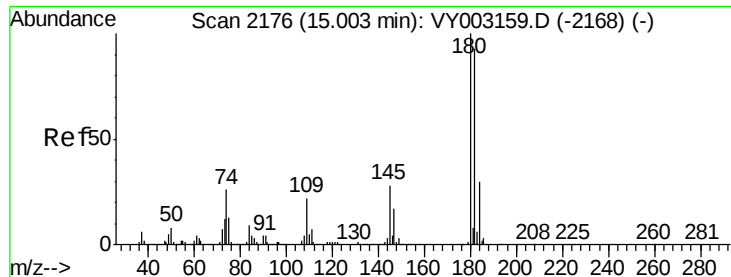


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

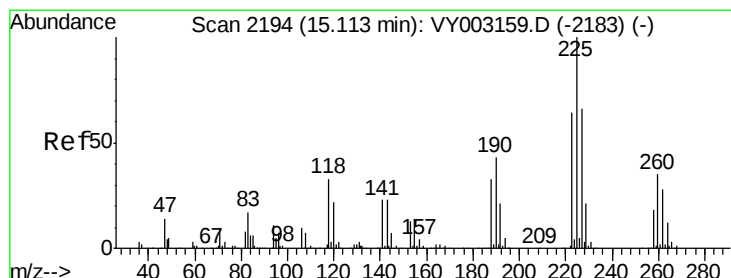
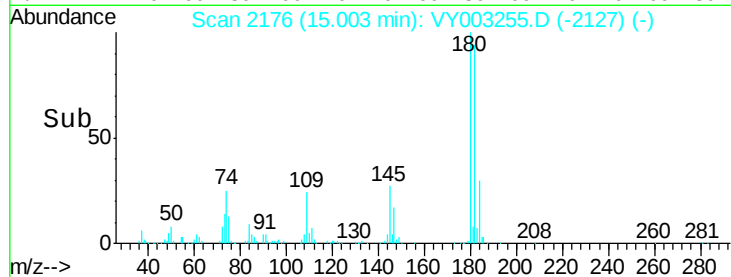
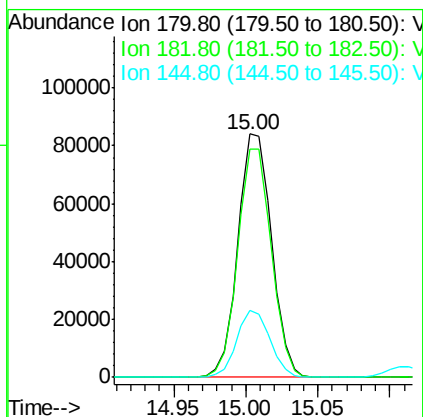
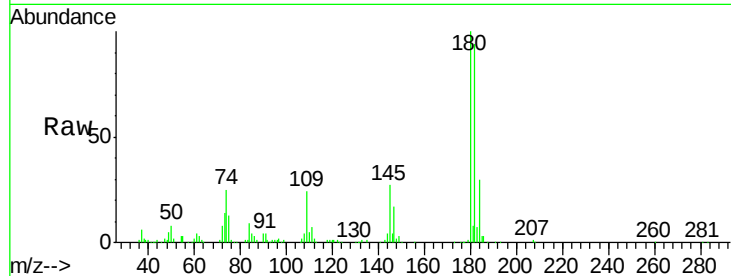




#93
 1,2,4-Trichlorobenzene
 Concen: 22.924 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

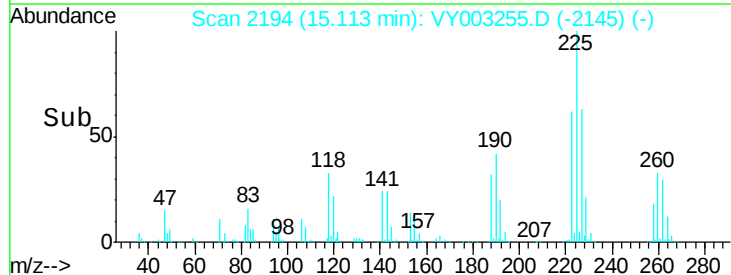
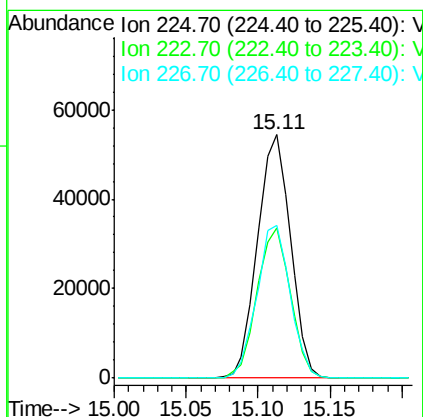
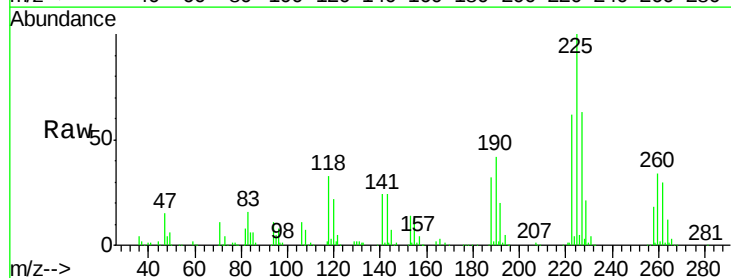
Instrument :
 MSVOA_Y
 ClientSampled :
 VY0721SBS01

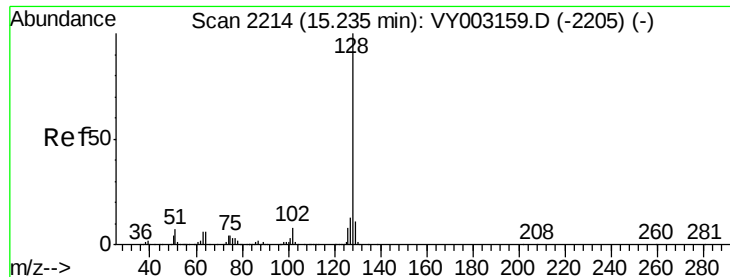
Tot Ion:180 Resp: 136290
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 142.0
 145 27.3 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 21.193 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003255.D
 Acq: 21 Jul 2020 17:41

Tgt Ion:225 Resp: 86338
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 94.7
 227 63.3 32.3 96.8





#95

Naphthalene

Concen: 24.961 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

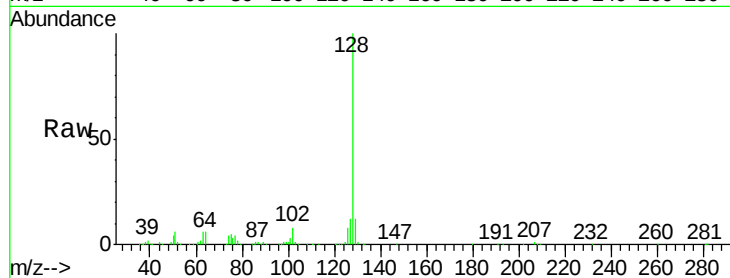
Tot Ion:128 Resp: 245261

Ion Ratio Lower Upper

128 100

127 13.0 10.9 16.3

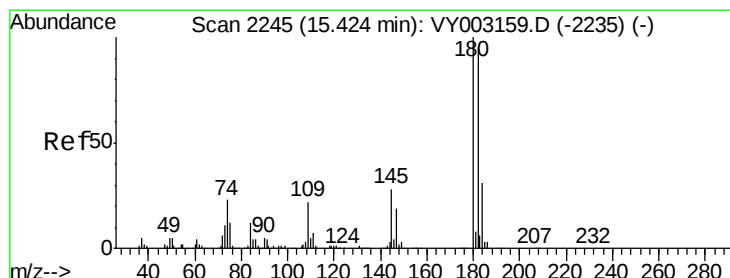
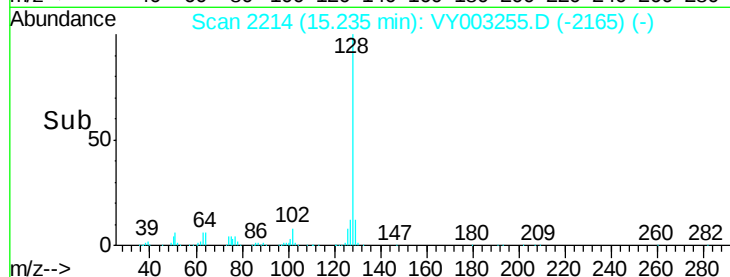
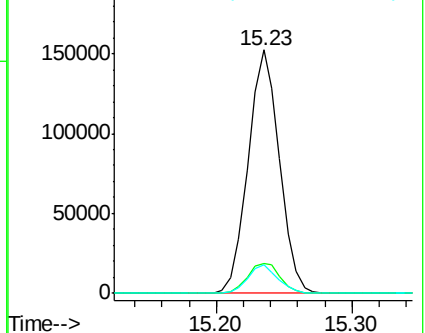
129 11.3 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 24.621 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003255.D

Acq: 21 Jul 2020 17:41

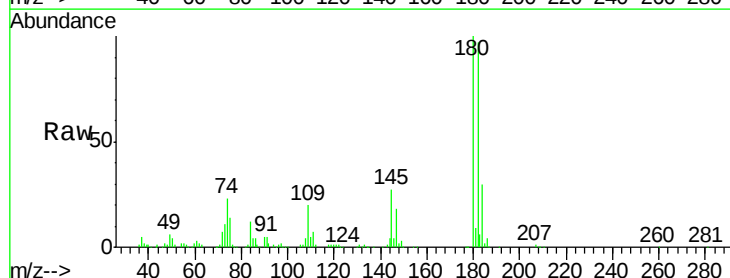
Tgt Ion:180 Resp: 115712

Ion Ratio Lower Upper

180 100

182 95.7 48.8 146.3

145 28.9 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

