

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY070120\
 Data File : VY003053.D
 Acq On : 01 Jul 2020 12:51
 Operator : SY/MD
 Sample : VY0701SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Quant Time: Jul 01 15:01:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	435299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	643709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	584649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	312036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	222110	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.72	113	215620	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.18	98	801690	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.48	95	277490	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	67781	20.561	ug/l	100
3) Chloromethane	2.12	50	88727	18.379	ug/l	99
4) Vinyl Chloride	2.26	62	98902	21.003	ug/l	99
5) Bromomethane	2.64	94	73063	22.852	ug/l	96
6) Chloroethane	2.79	64	66163	22.087	ug/l #	87
7) Trichlorofluoromethane	3.13	101	144882	21.799	ug/l	98
8) Diethyl Ether	3.54	74	46967	20.613	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	87587	22.071	ug/l	100
10) Methyl Iodide	4.10	142	103796	21.093	ug/l	99
11) Tert butyl alcohol	4.96	59	52477	119.102	ug/l	97
12) 1,1-Dichloroethene	3.88	96	83040	21.992	ug/l	97
13) Acrolein	3.74	56	39346	99.427	ug/l	99
14) Allyl chloride	4.49	41	129140	19.589	ug/l	98
15) Acrylonitrile	5.18	53	122443	104.270	ug/l	99
16) Acetone	3.96	43	105003	102.978	ug/l	100
17) Carbon Disulfide	4.20	76	254376	21.085	ug/l	99
18) Methyl Acetate	4.48	43	54872	19.974	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	238240	21.646	ug/l	98
20) Methylene Chloride	4.72	84	120042	22.556	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	92084	21.560	ug/l	93
22) Diisopropyl ether	6.13	45	282278	19.977	ug/l	98
23) Vinyl Acetate	6.07	43	952588	100.837	ug/l	98
24) 1,1-Dichloroethane	6.03	63	163228	21.147	ug/l	99
25) 2-Butanone	6.99	43	169544	104.674	ug/l	99
26) 2,2-Dichloropropane	6.99	77	151662	21.627	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	104293	21.771	ug/l	97
28) Bromochloromethane	7.34	49	64290	18.720	ug/l	93
29) Tetrahydrofuran	7.35	42	110313	102.414	ug/l	97
30) Chloroform	7.52	83	163783	21.419	ug/l	99
31) Cyclohexane	7.79	56	153800	20.227	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	146031	20.922	ug/l	98
36) 1,1-Dichloropropene	7.93	75	129645	20.909	ug/l	99
37) Ethyl Acetate	7.08	43	77471	20.781	ug/l	99
38) Carbon Tetrachloride	7.91	117	137418	21.301	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	165782	21.565	ug/l	95
40) Benzene	8.16	78	360676	21.247	ug/l	98
41) Methacrylonitrile	7.35	41	100898	50.666	ug/l #	42
42) 1,2-Dichloroethane	8.24	62	115451	21.499	ug/l	99
43) Isopropyl Acetate	8.28	43	142686	20.133	ug/l	97
44) Trichloroethene	8.94	130	106964	21.679	ug/l	97
45) 1,2-Dichloropropane	9.22	63	95460	20.902	ug/l	99
46) Dibromomethane	9.31	93	53173	20.846	ug/l	98
47) Bromodichloromethane	9.50	83	130263	20.856	ug/l	99
48) Methyl methacrylate	9.30	41	63381	19.647	ug/l	96
49) 1,4-Dioxane	9.30	88	13338	428.370	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	390595	106.630	ug/l	99
52) Toluene	10.24	92	229413	21.469	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	138080	21.087	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	158171	21.121	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	77130	21.761	ug/l	97
56) Ethyl methacrylate	10.51	69	106189	20.696	ug/l	96
57) 1,3-Dichloropropane	10.79	76	130001	20.893	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	239898	91.166	ug/l	99
59) 2-Hexanone	10.83	43	269347	105.199	ug/l	98
60) Dibromochloromethane	10.99	129	97756	21.551	ug/l	99
61) 1,2-Dibromoethane	11.09	107	75725	21.671	ug/l	98
64) Tetrachloroethene	10.72	164	107969	21.820	ug/l	99
65) Chlorobenzene	11.52	112	253668	22.004	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	96309	21.398	ug/l	99
67) Ethyl Benzene	11.59	91	456626	21.651	ug/l	99
68) m/p-Xylenes	11.70	106	339086	43.199	ug/l	100
69) o-Xylene	12.03	106	162912	22.025	ug/l	97
70) Styrene	12.05	104	277868	21.990	ug/l	98
71) Bromoform	12.21	173	66306	22.093	ug/l #	98
73) Isopropylbenzene	12.33	105	448421	21.958	ug/l	99
74) N-amyl acetate	12.14	43	133763	20.120	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	89535	21.726	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	122247	39.585	ug/l #	100
77) Bromobenzene	12.61	156	112071	21.404	ug/l	96
78) n-propylbenzene	12.67	91	513400	20.904	ug/l	99
79) 2-Chlorotoluene	12.75	91	286194	20.877	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	374255	21.840	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31910	20.103	ug/l #	83
82) 4-Chlorotoluene	12.86	91	307067	21.514	ug/l	99
83) tert-Butylbenzene	13.08	119	318274	21.152	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	376082	21.780	ug/l	99
85) sec-Butylbenzene	13.25	105	442154	21.319	ug/l	99
86) p-Isopropyltoluene	13.37	119	406507	21.152	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	213192	21.809	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	216438	22.454	ug/l	98
89) n-Butylbenzene	13.70	91	395090	21.487	ug/l	99
90) Hexachloroethane	13.96	117	79313	20.783	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	194560	22.183	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16146	22.132	ug/l	99

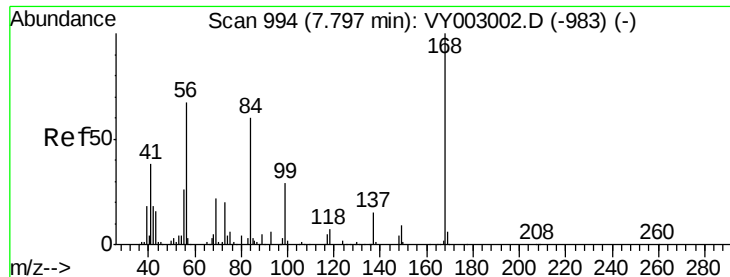
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY070120\
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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	144050	22.103	ug/l	100
94) Hexachlorobutadiene	15.11	225	89750	21.833	ug/l	97
95) Naphthalene	15.23	128	265822	22.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	124698	22.035	ug/l	100

(#) = 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: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

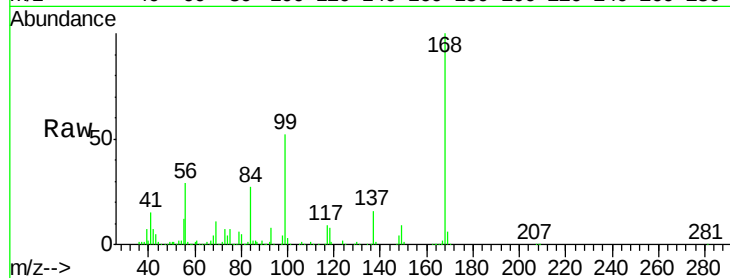
VY0701SBS01

Tgt Ion:168 Resp: 435299

Ion Ratio Lower Upper

168 100

99 51.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

200000

150000

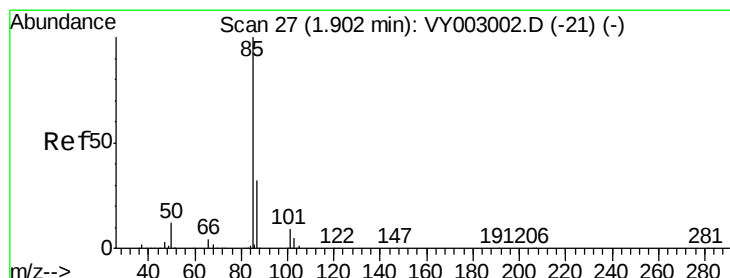
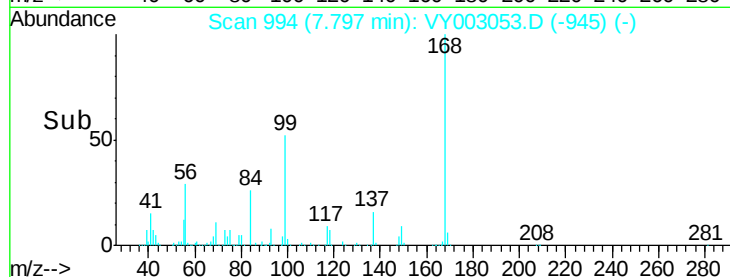
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.561 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003053.D

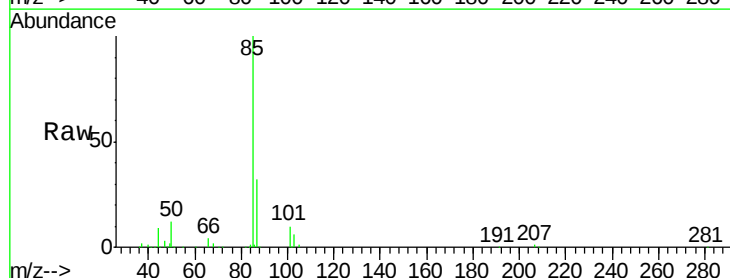
Acq: 01 Jul 2020 12:51

Tgt Ion: 85 Resp: 67781

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.91

50000

40000

30000

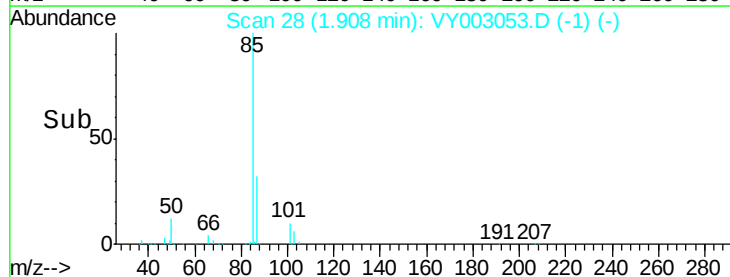
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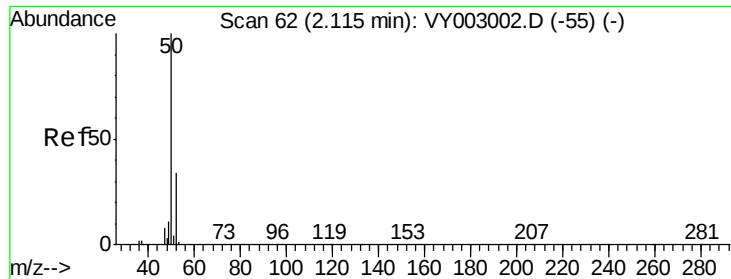
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.379 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

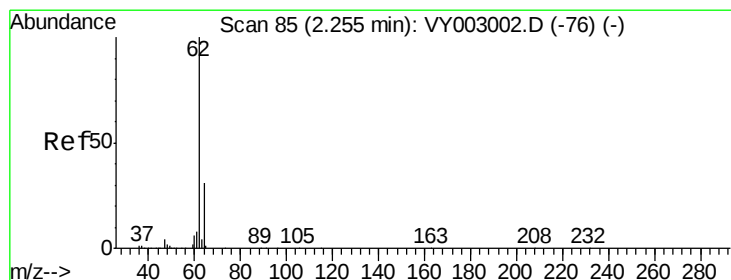
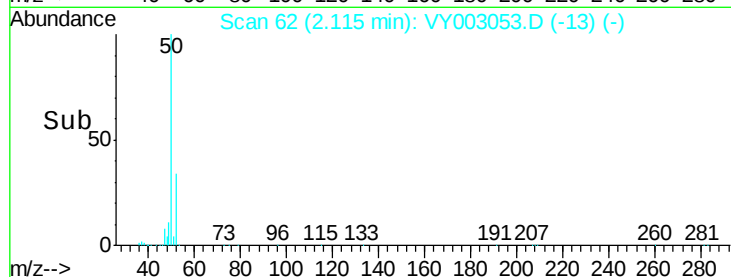
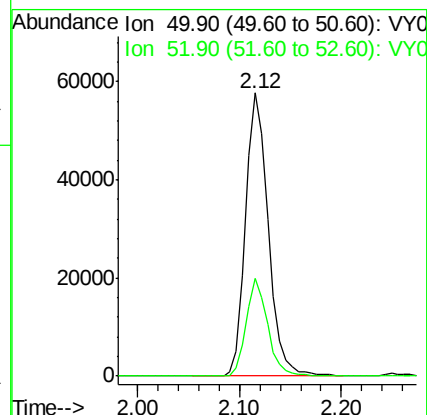
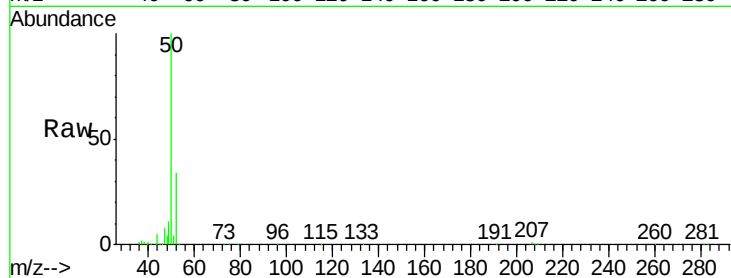
VY0701SBS01

Tgt Ion: 50 Resp: 88727

Ion Ratio Lower Upper

50 100

52 34.4 26.9 40.3



#4

Vinyl Chloride

Concen: 21.003 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003053.D

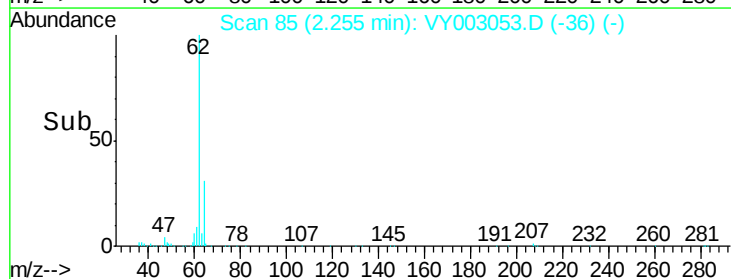
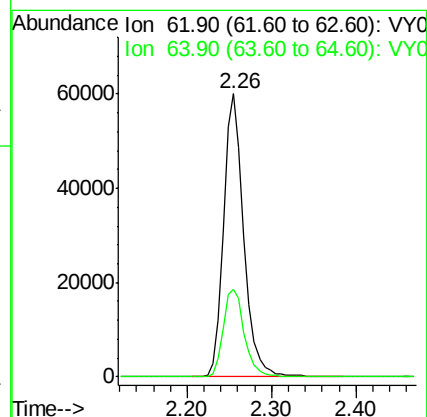
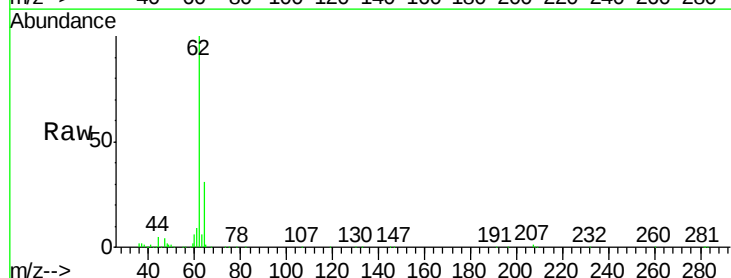
Acq: 01 Jul 2020 12:51

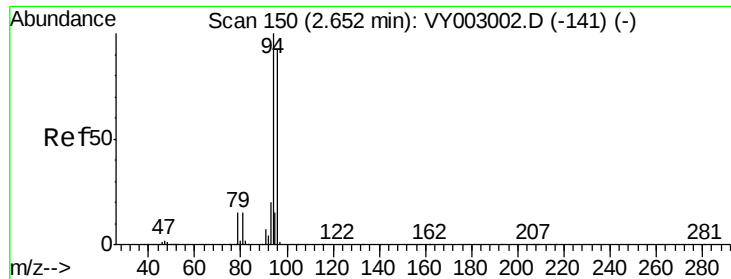
Tgt Ion: 62 Resp: 98902

Ion Ratio Lower Upper

62 100

64 31.1 24.4 36.6





#5

Bromomethane

Concen: 22.852 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

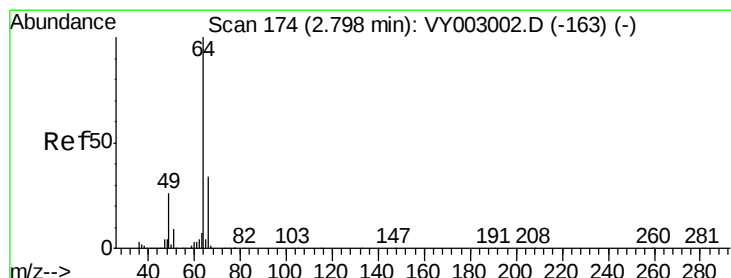
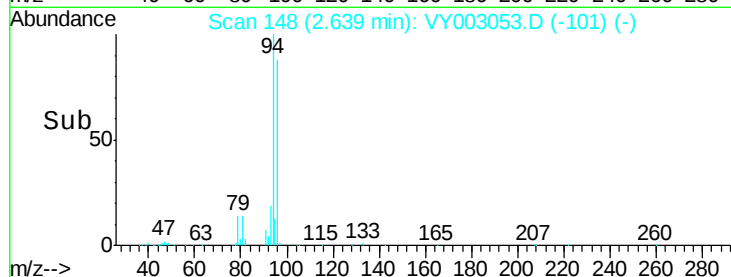
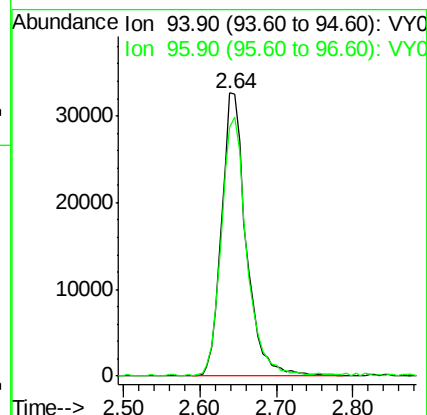
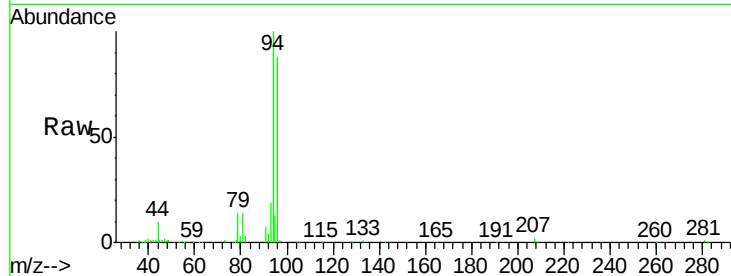
VY0701SBS01

Tgt Ion: 94 Resp: 73063

Ion Ratio Lower Upper

94 100

96 87.8 73.4 110.2



#6

Chloroethane

Concen: 22.087 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003053.D

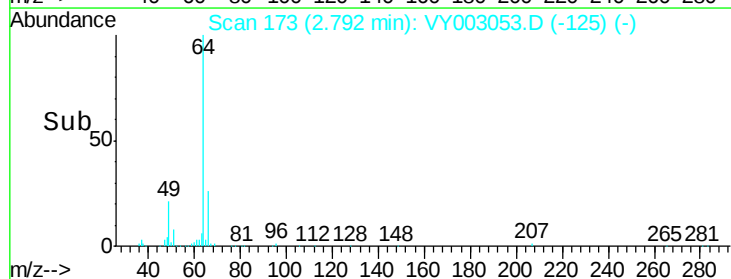
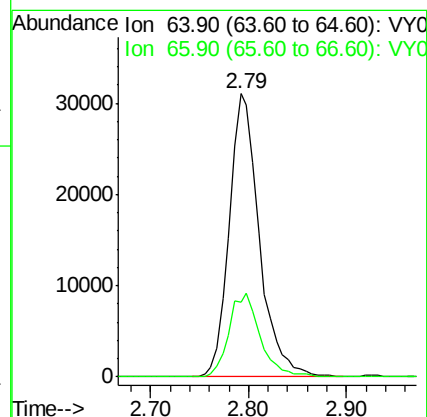
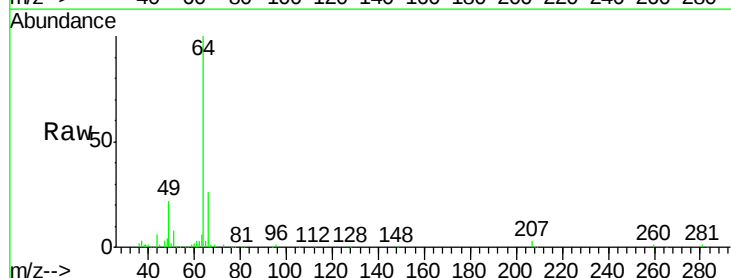
Acq: 01 Jul 2020 12:51

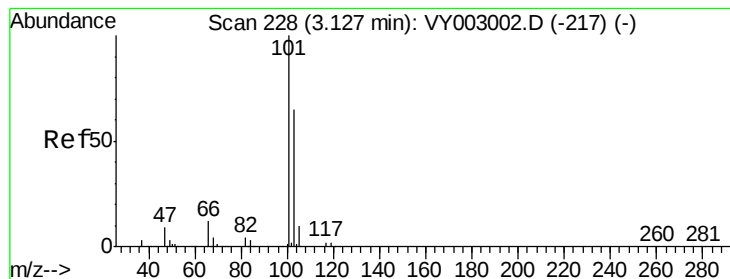
Tgt Ion: 64 Resp: 66163

Ion Ratio Lower Upper

64 100

66 26.4 27.0 40.4#



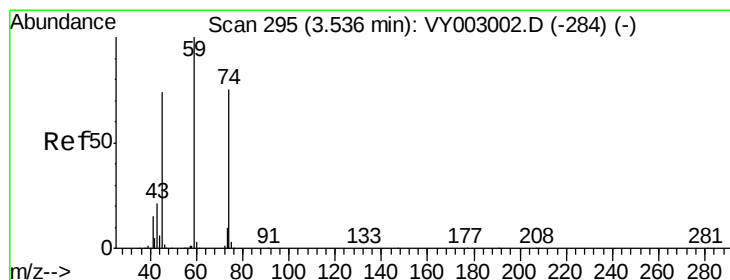
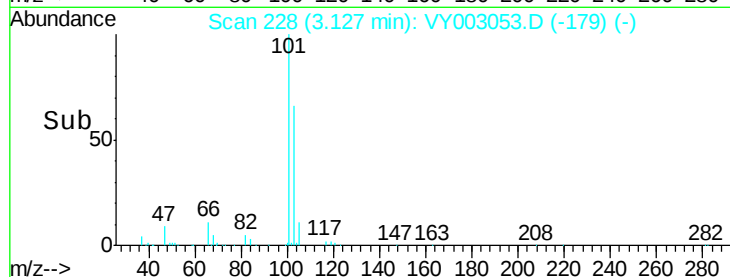
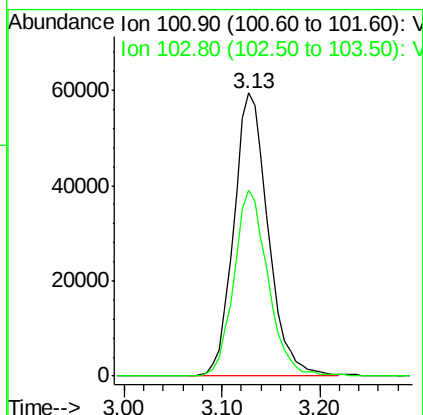
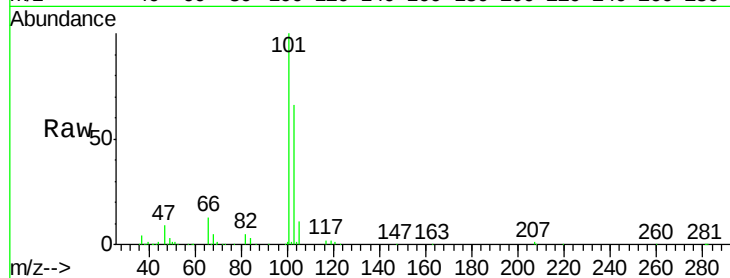


#7

Trichlorofluoromethane
 Concen: 21.799 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

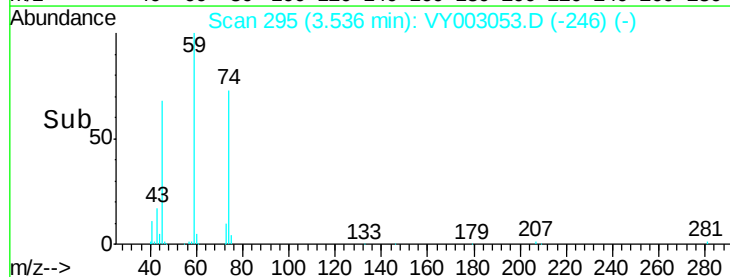
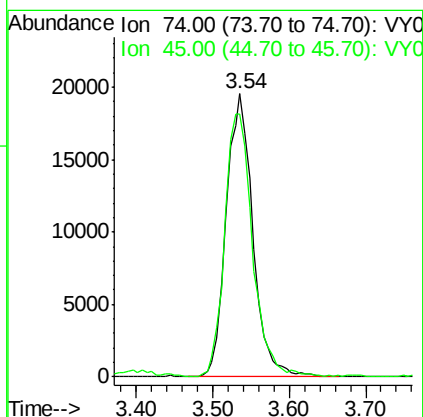
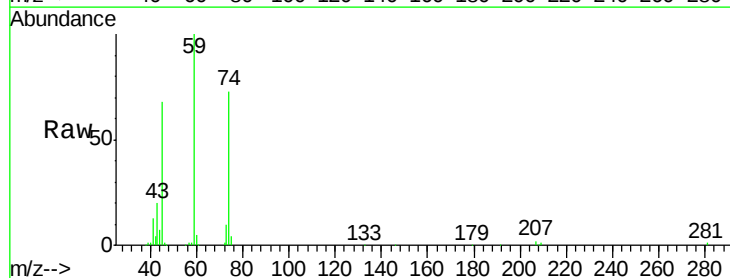
Tgt Ion:101 Resp: 144882
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.6 77.4

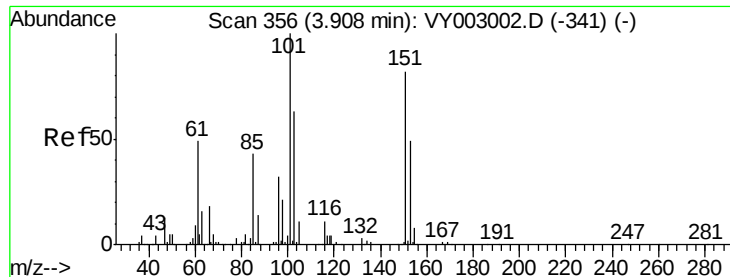


#8

Diethyl Ether
 Concen: 20.613 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion: 74 Resp: 46967
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.071 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

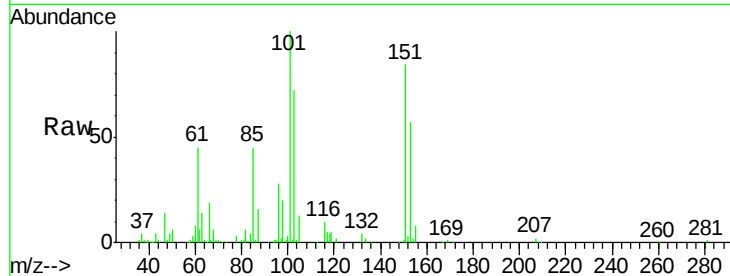
Tgt Ion:101 Resp: 87587

Ion Ratio Lower Upper

101 100

85 44.8 35.5 53.3

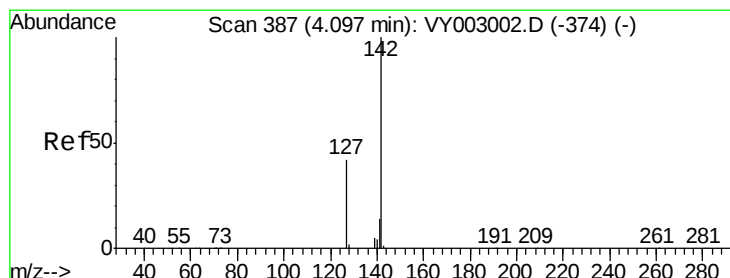
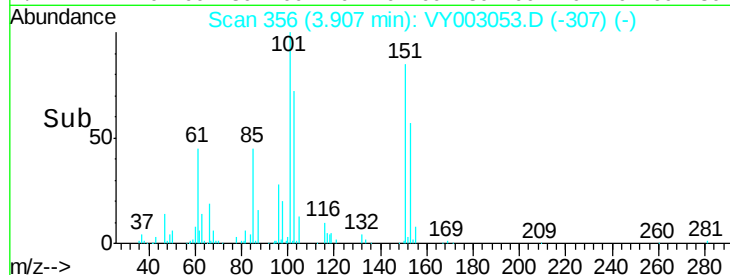
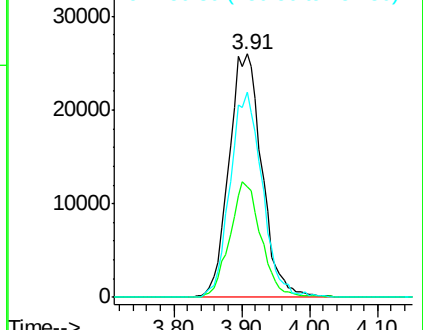
151 81.9 65.5 98.3



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: 21.093 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

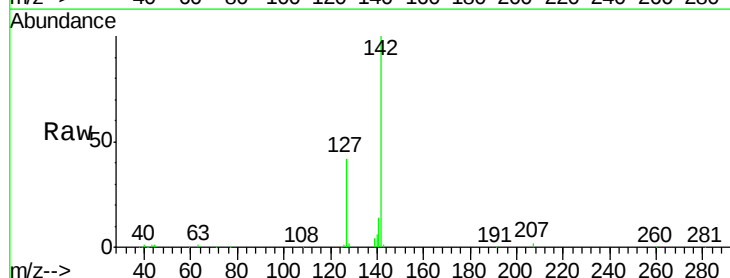
Tgt Ion:142 Resp: 103796

Ion Ratio Lower Upper

142 100

127 42.1 34.2 51.2

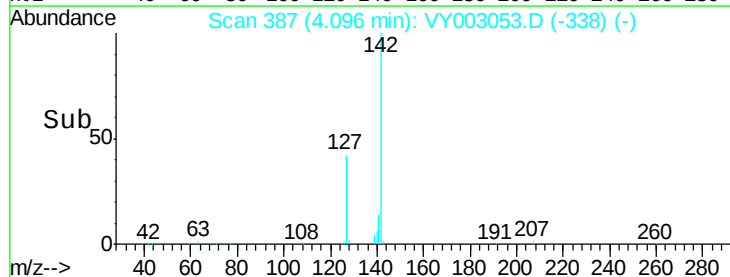
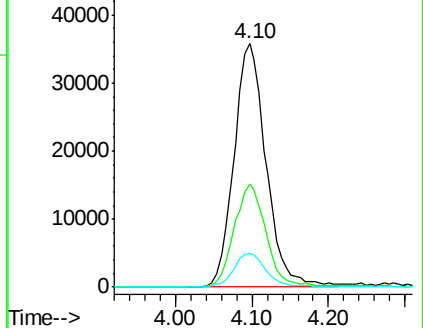
141 13.9 11.7 17.5

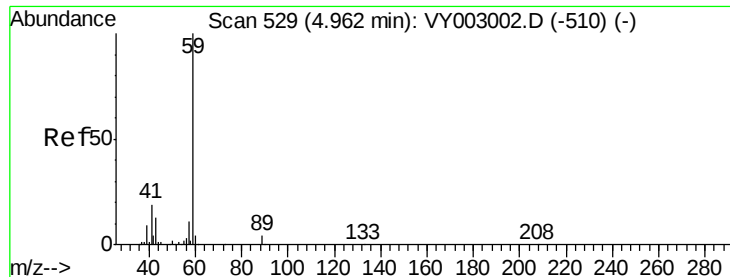


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



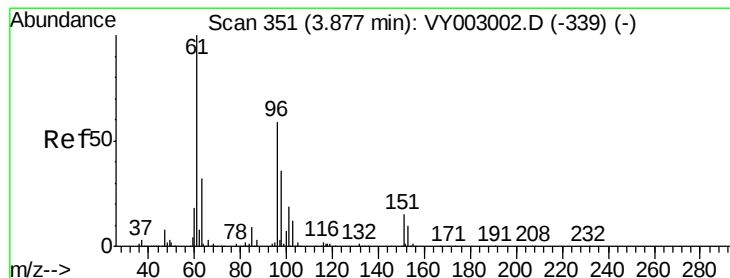
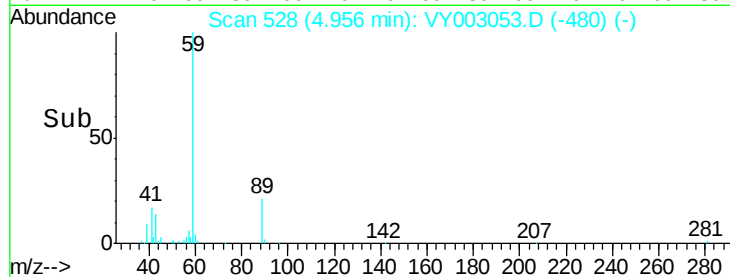
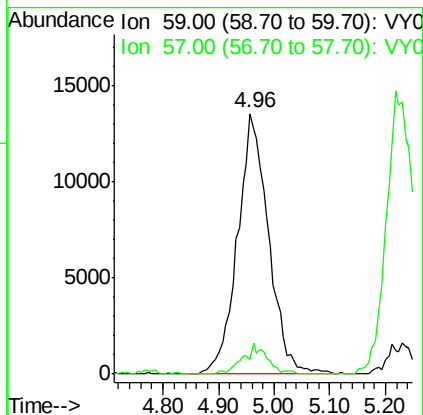
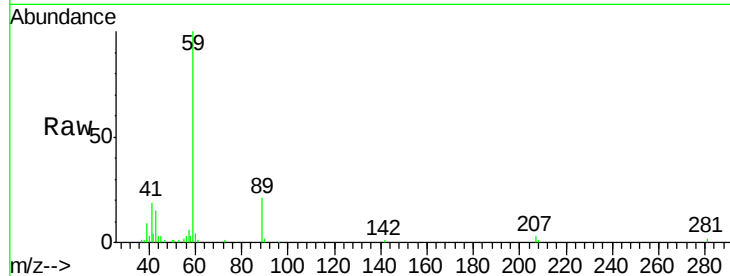


#11

Tert butyl alcohol
 Concen: 119.102 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

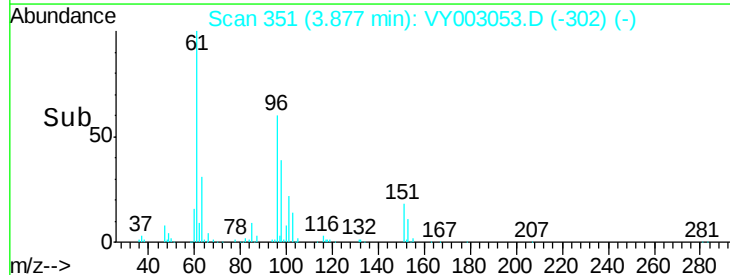
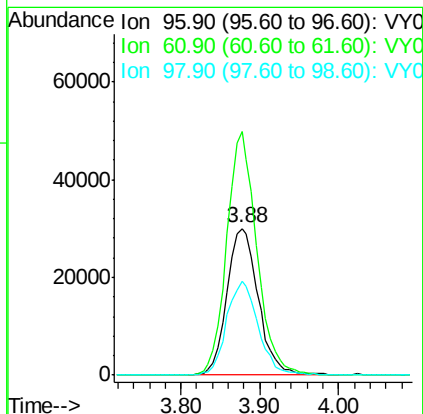
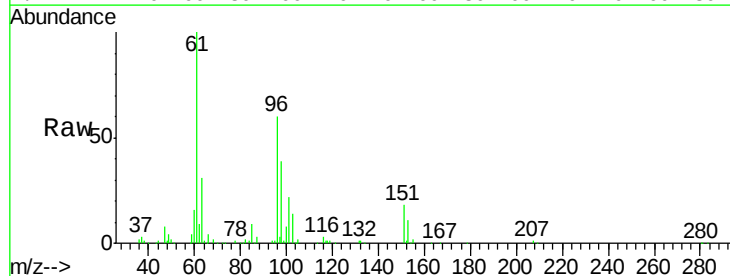
Tgt Ion: 59 Resp: 52477
 Ion Ratio Lower Upper
 59 100
 57 8.9 8.0 12.0

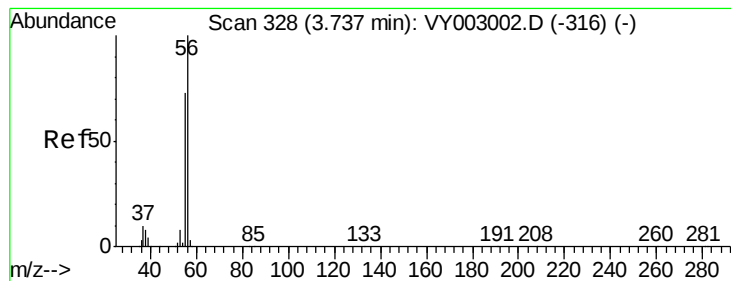


#12

1,1-Dichloroethene
 Concen: 21.992 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion: 96 Resp: 83040
 Ion Ratio Lower Upper
 96 100
 61 166.3 136.7 205.1
 98 64.2 49.7 74.5





#13

Acrolein

Concen: 99.427 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

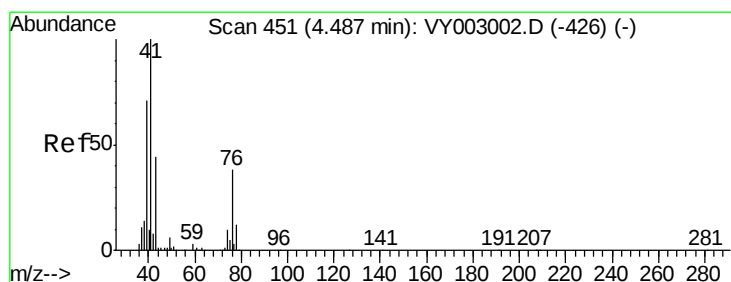
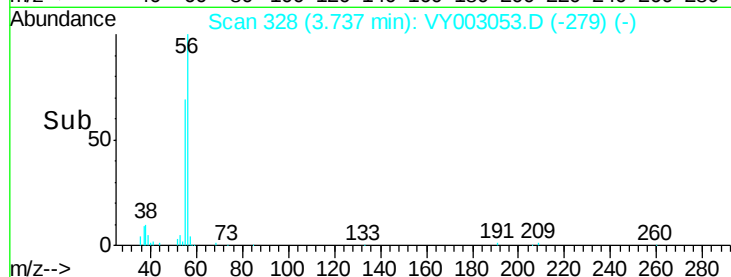
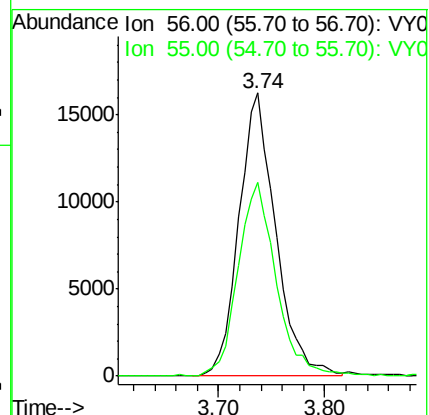
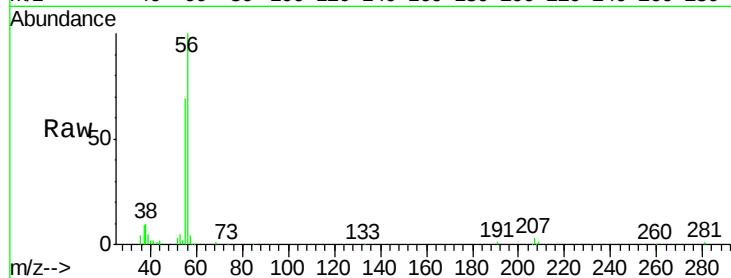
VY0701SBS01

Tgt Ion: 56 Resp: 39346

Ion Ratio Lower Upper

56 100

55 71.1 56.4 84.6



#14

Allyl chloride

Concen: 19.589 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

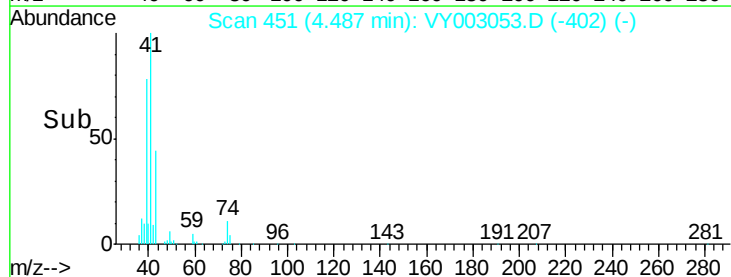
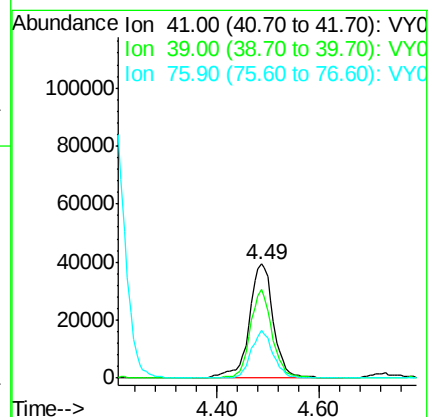
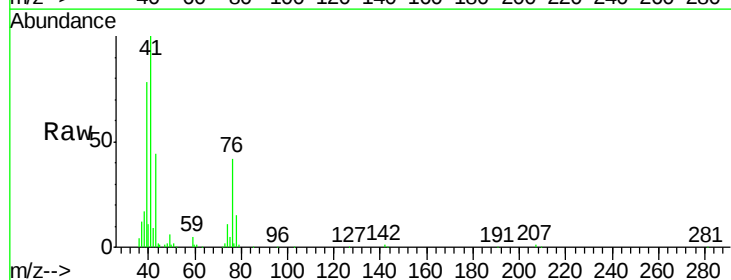
Tgt Ion: 41 Resp: 129140

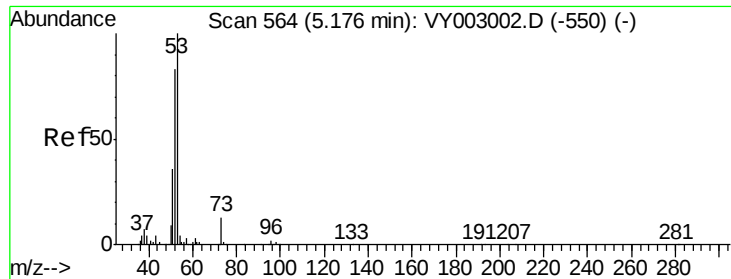
Ion Ratio Lower Upper

41 100

39 70.8 55.6 83.4

76 37.5 28.6 43.0

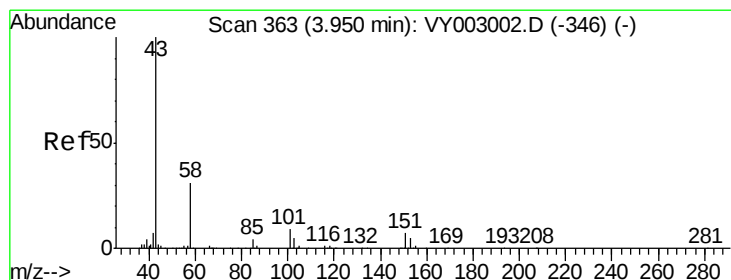
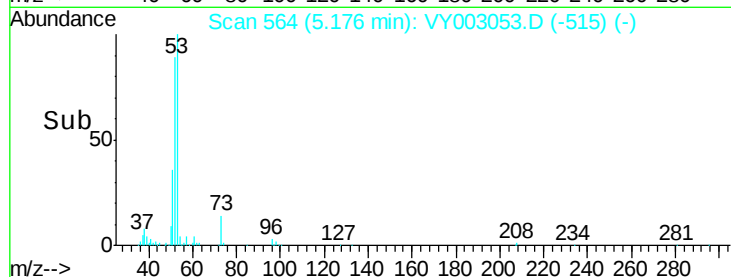
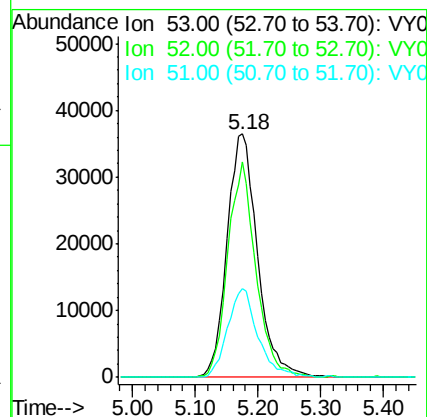
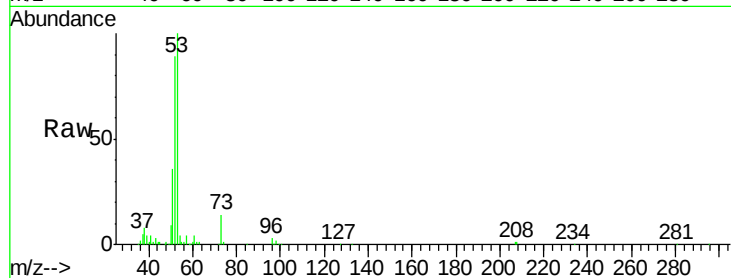




#15
 Acrylonitrile
 Concen: 104.270 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

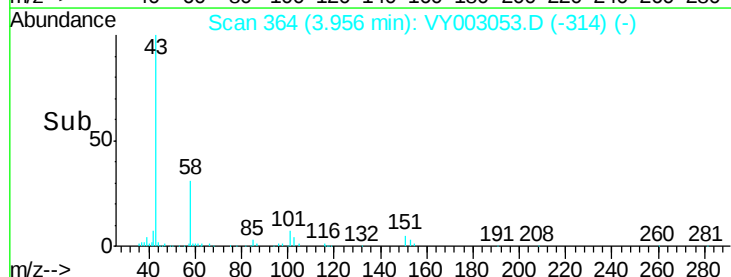
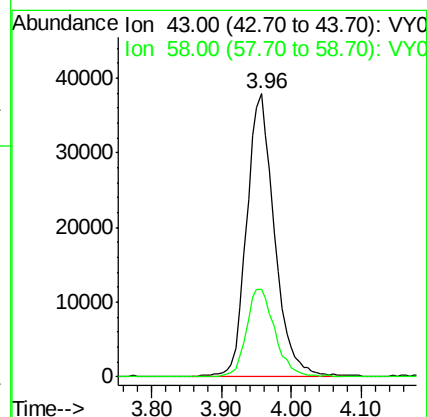
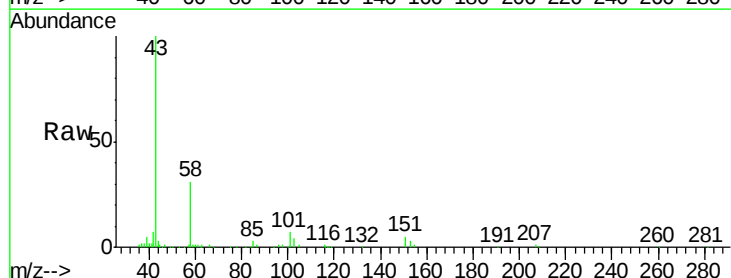
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tgt Ion: 53 Resp: 122443
 Ion Ratio Lower Upper
 53 100
 52 81.7 66.2 99.2
 51 36.4 29.5 44.3



#16
 Acetone
 Concen: 102.978 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion: 43 Resp: 105003
 Ion Ratio Lower Upper
 43 100
 58 31.0 24.7 37.1





#17

Carbon Disulfide

Concen: 21.085 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

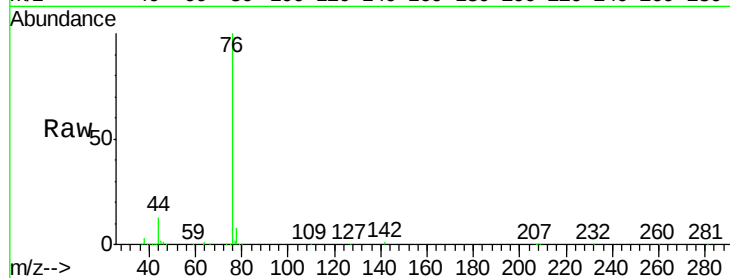
VY0701SBS01

Tgt Ion: 76 Resp: 254376

Ion Ratio Lower Upper

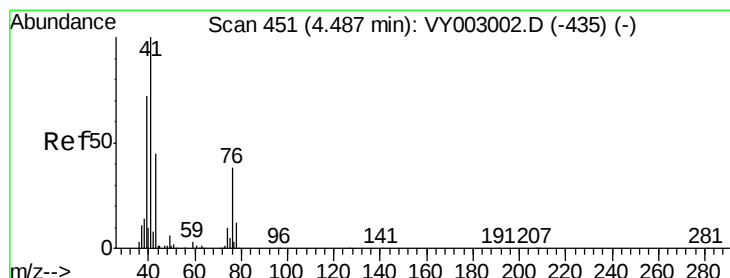
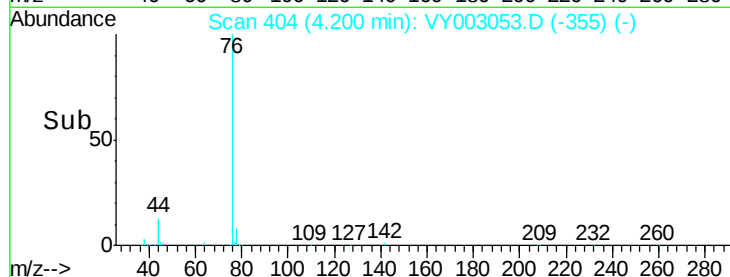
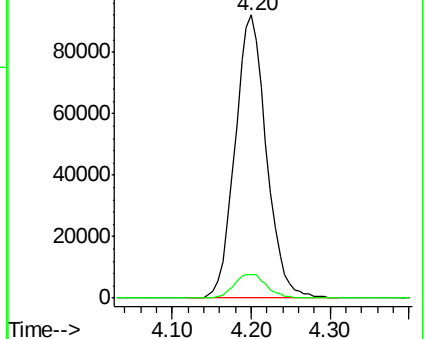
76 100

78 8.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.974 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003053.D

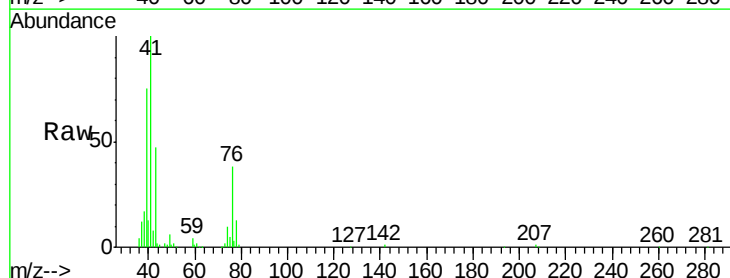
Acq: 01 Jul 2020 12:51

Tgt Ion: 43 Resp: 54872

Ion Ratio Lower Upper

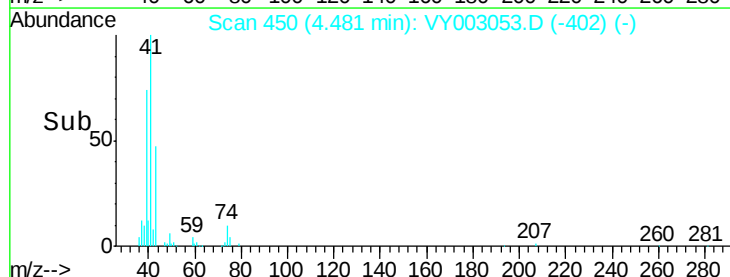
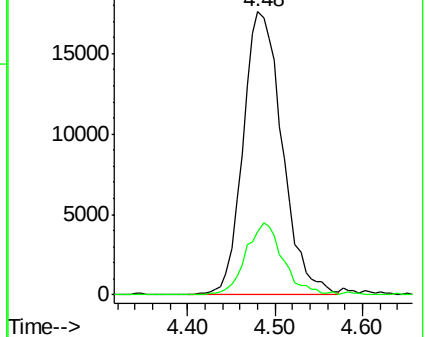
43 100

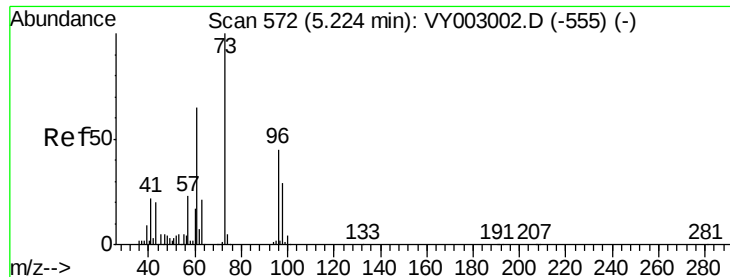
74 24.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

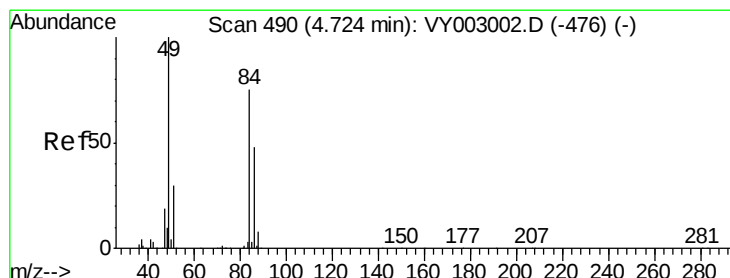
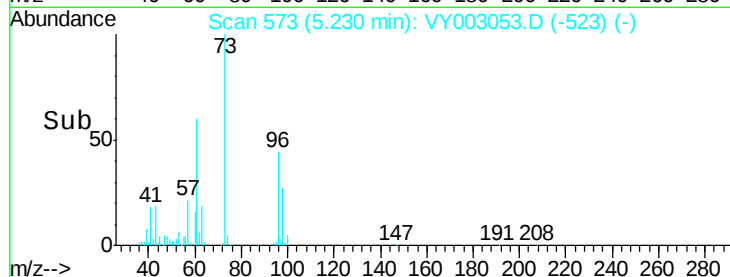
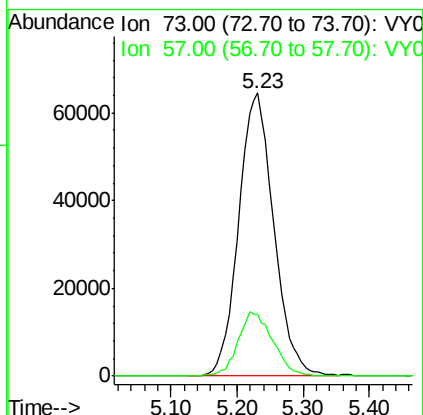
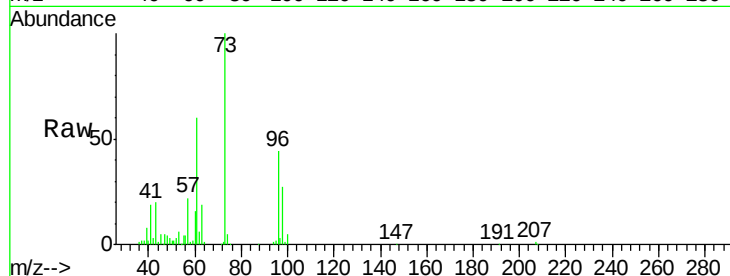




#19
Methyl tert-butyl Ether
Concen: 21.646 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

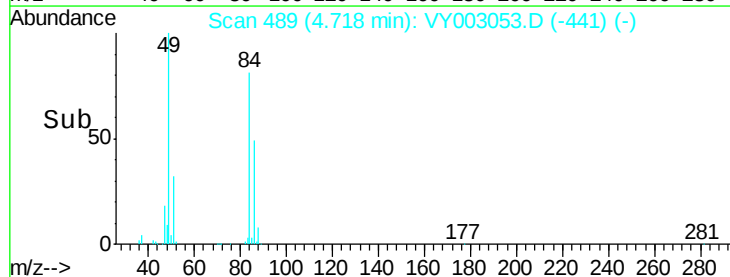
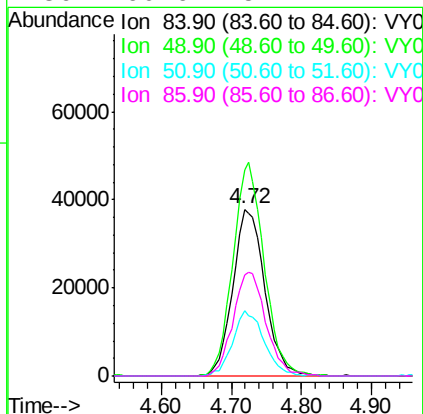
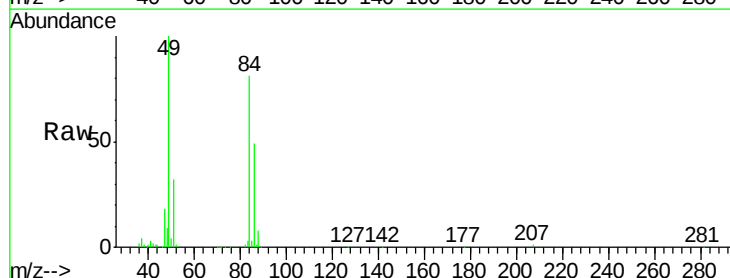
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

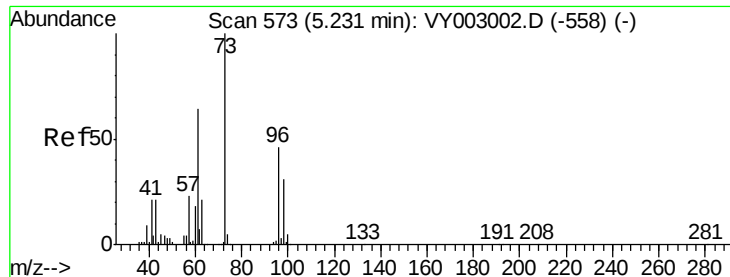
Tgt Ion: 73 Resp: 238240
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2



#20
Methylene Chloride
Concen: 22.556 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 84 Resp: 120042
Ion Ratio Lower Upper
84 100
49 123.5 106.8 160.2
51 39.0 32.0 48.0
86 60.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.560 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

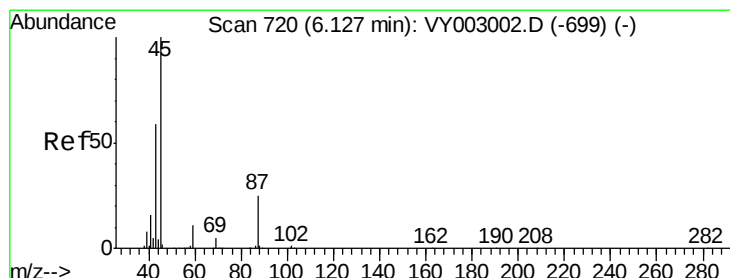
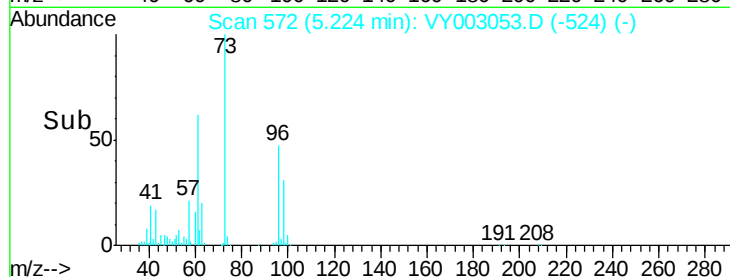
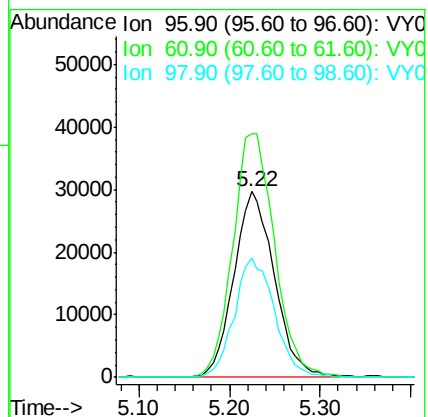
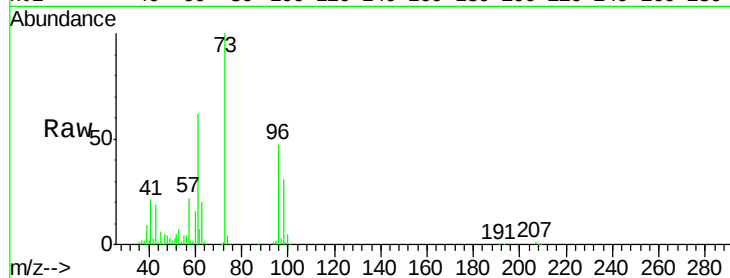
Tgt Ion: 96 Resp: 92084

Ion Ratio Lower Upper

96 100

61 130.5 112.3 168.5

98 64.6 53.8 80.8



#22

Diisopropyl ether

Concen: 19.977 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion: 45 Resp: 282278

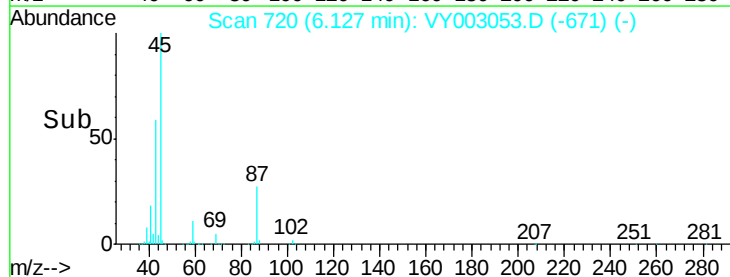
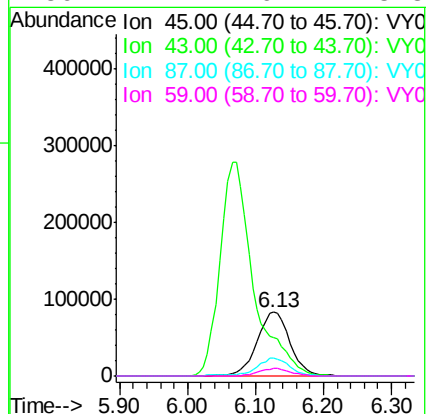
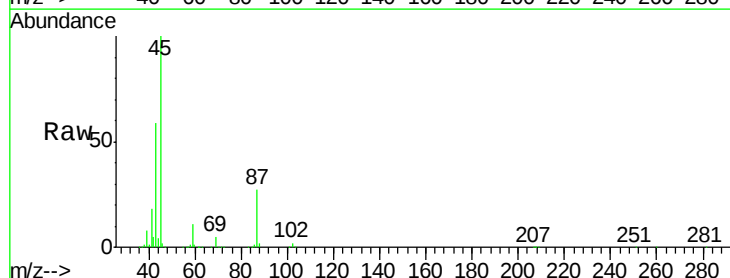
Ion Ratio Lower Upper

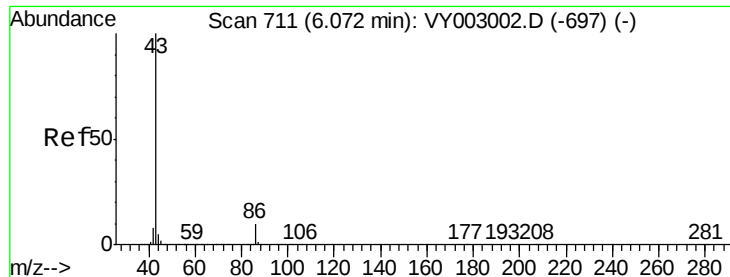
45 100

43 58.7 47.4 71.2

87 27.3 20.2 30.2

59 11.1 9.2 13.8

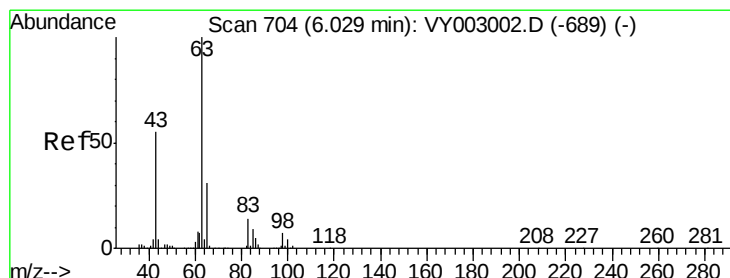
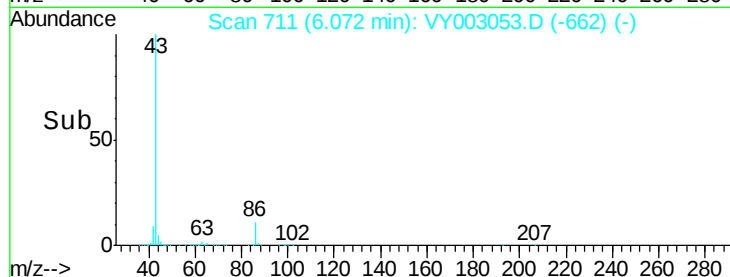
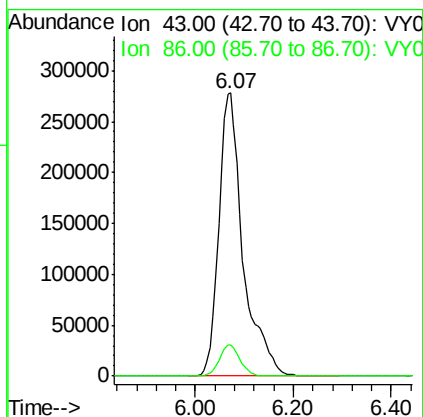
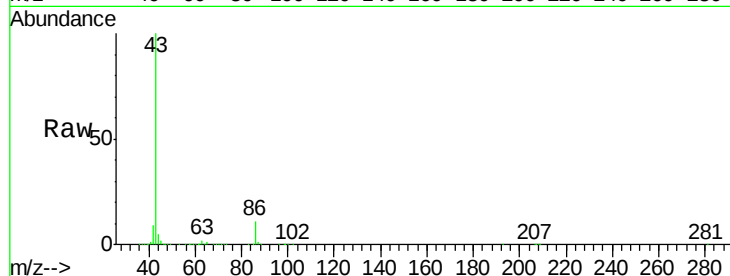




#23
 Vinyl Acetate
 Concen: 100.837 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

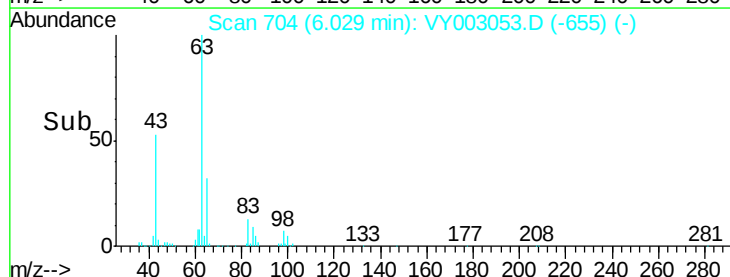
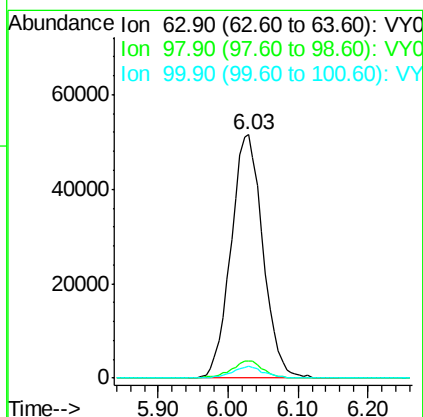
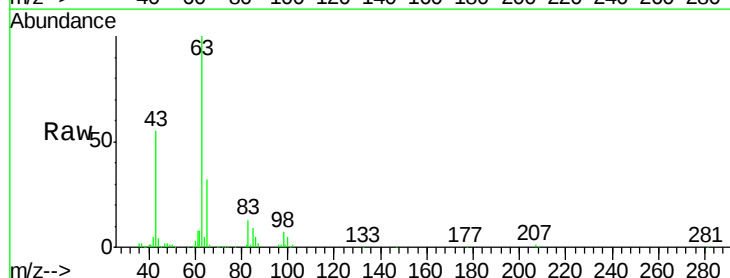
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tgt Ion: 43 Resp: 952588
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 21.147 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion: 63 Resp: 163228
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.8 2.3 6.8

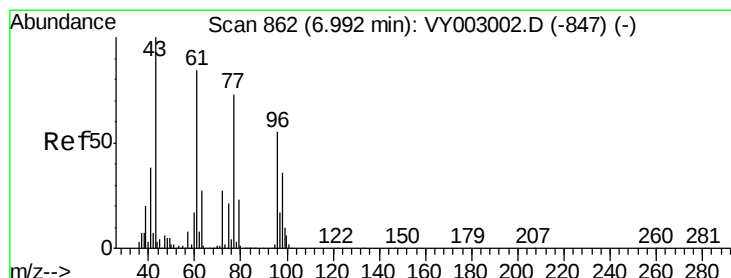
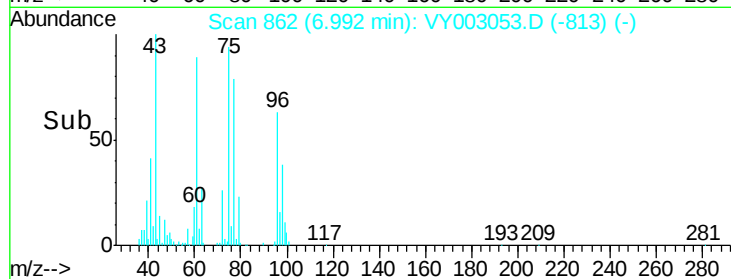
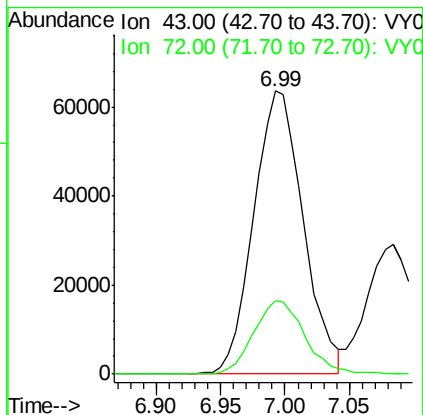
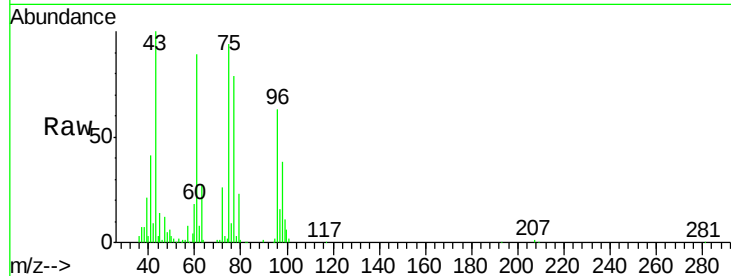




#25
2-Butanone
Concen: 104.674 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

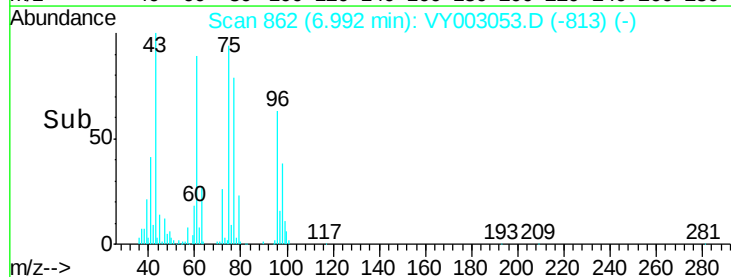
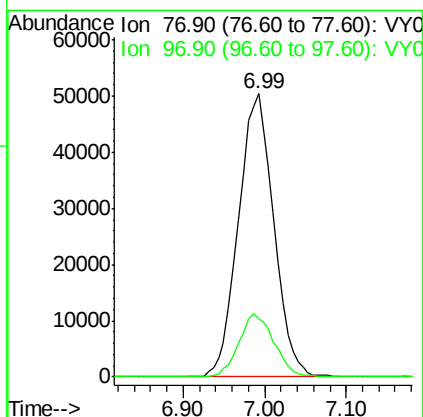
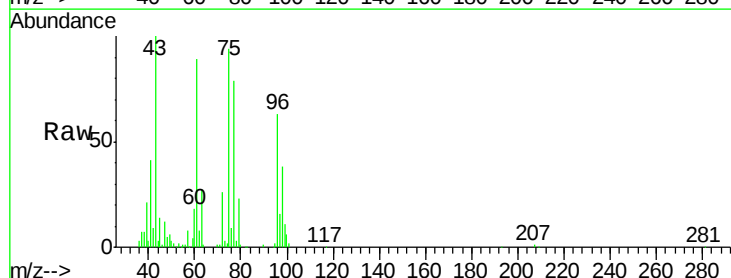
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

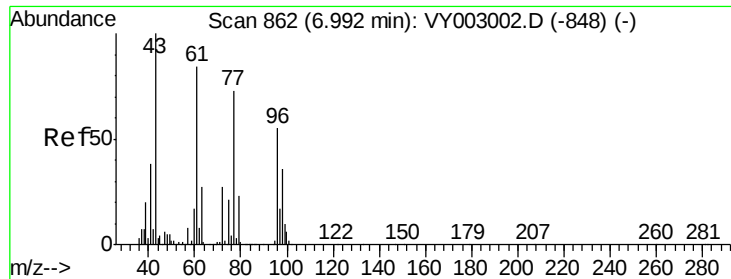
Tgt Ion: 43 Resp: 169544
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.0



#26
2,2-Dichloropropane
Concen: 21.627 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 77 Resp: 151662
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.9

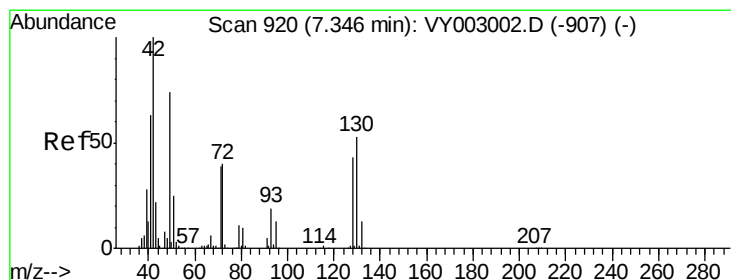
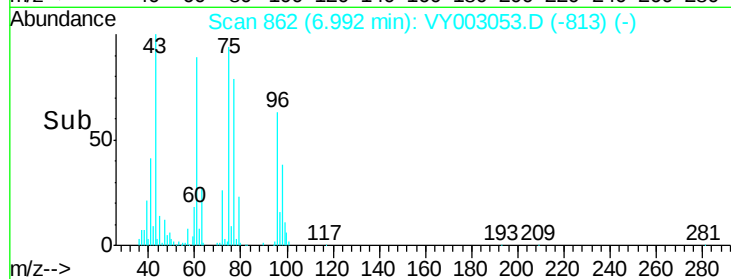
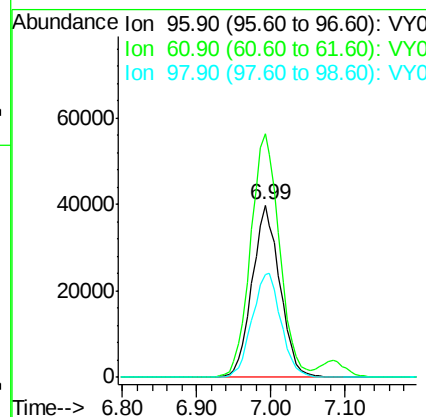
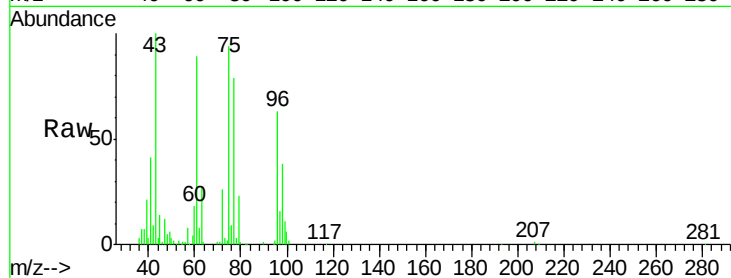




#27
 cis-1,2-Dichloroethene
 Concen: 21.771 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

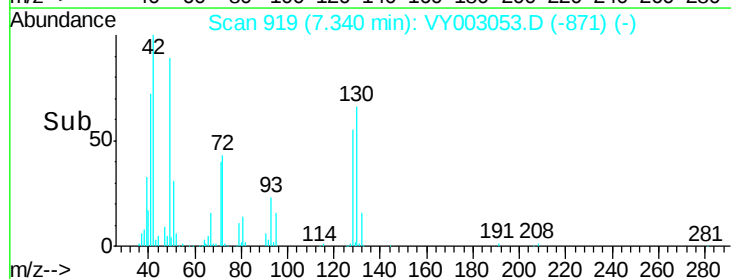
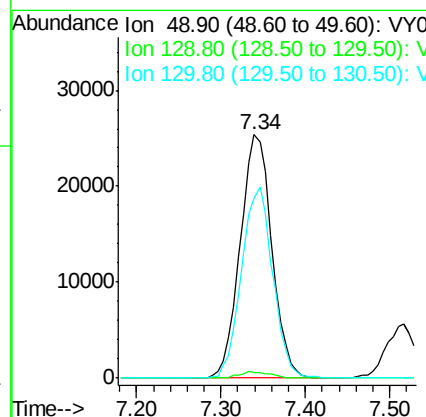
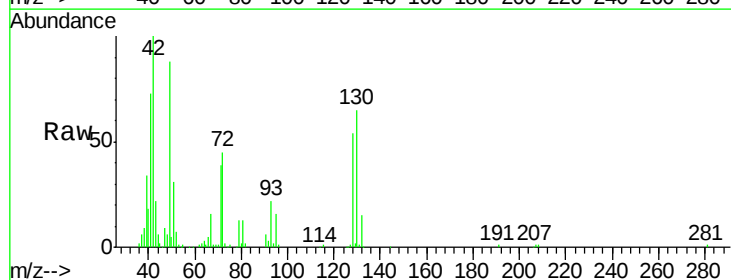
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

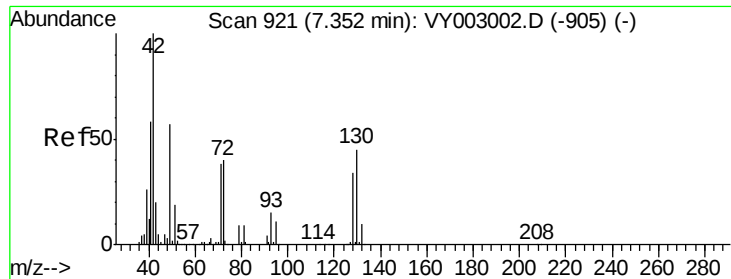
Tgt Ion	Resp	Lower	Upper
96	104293		
96	100		
61	146.9	0.0	301.2
98	63.0	0.0	129.0



#28
 Bromochloromethane
 Concen: 18.720 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	Resp	Lower	Upper
49	64290		
49	100		
129	2.5	0.0	4.4
130	77.2	57.0	85.6





#29

Tetrahydrofuran

Concen: 102.414 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

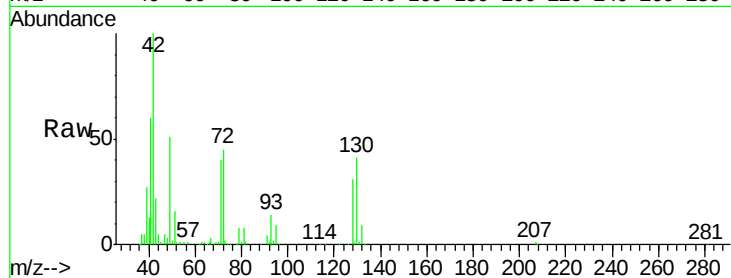
Tgt Ion: 42 Resp: 110313

Ion Ratio Lower Upper

42 100

72 44.0 32.9 49.3

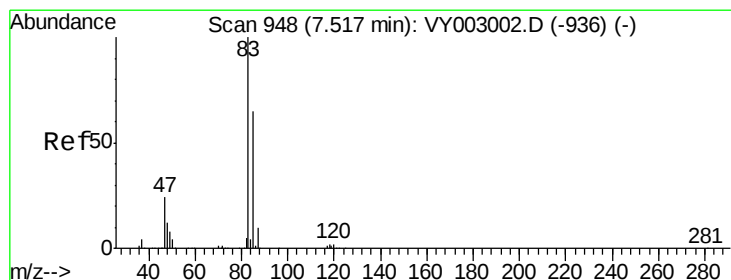
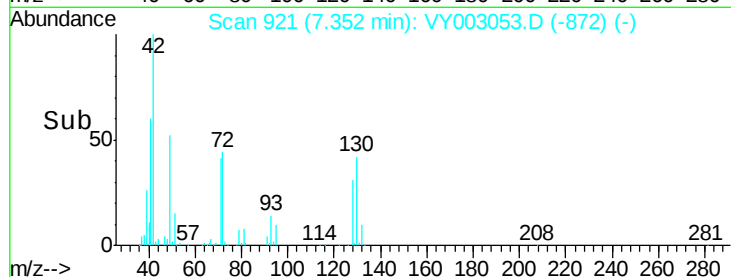
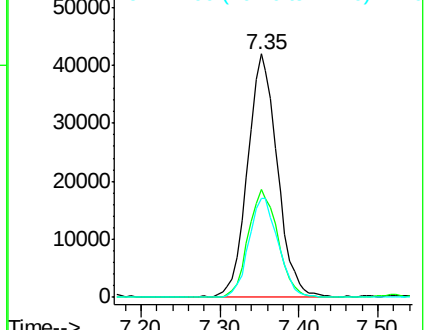
71 40.3 31.2 46.8



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: 21.419 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003053.D

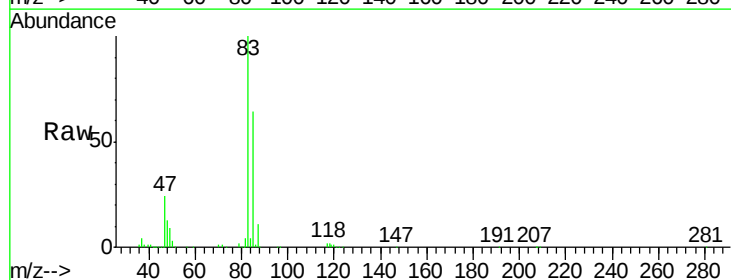
Acq: 01 Jul 2020 12:51

Tgt Ion: 83 Resp: 163783

Ion Ratio Lower Upper

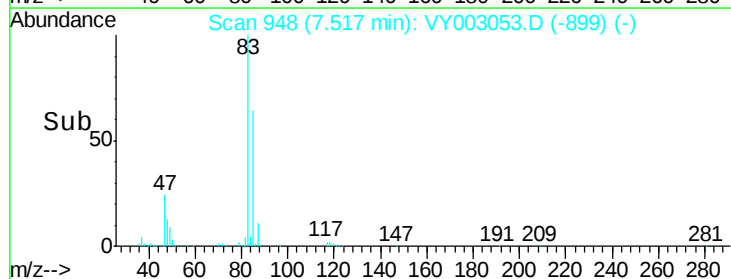
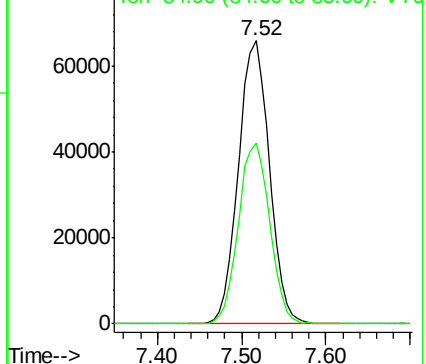
83 100

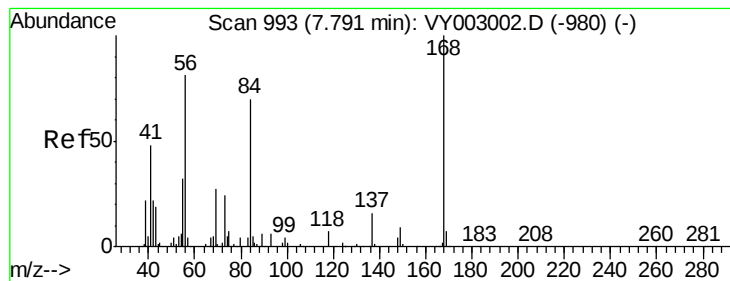
85 63.8 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.227 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

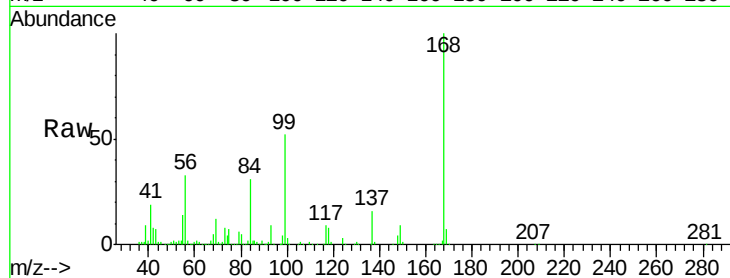
Tgt Ion: 56 Resp: 153800

Ion Ratio Lower Upper

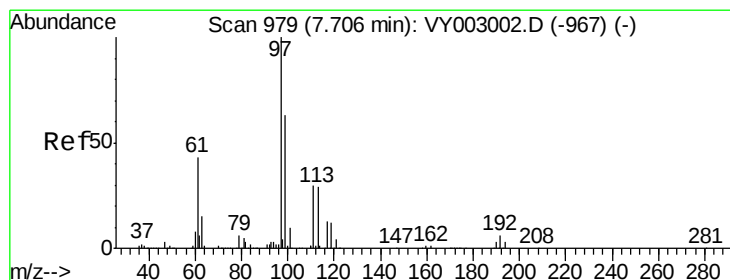
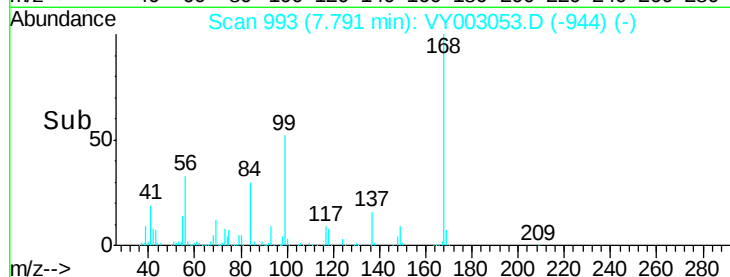
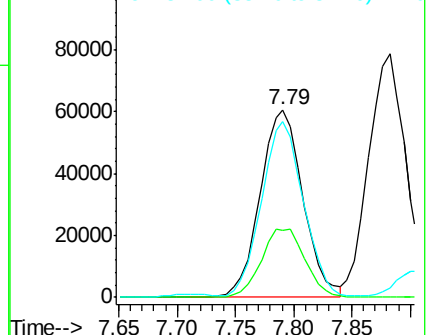
56 100

69 35.4 27.0 40.4

84 91.8 68.1 102.1



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: 20.922 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

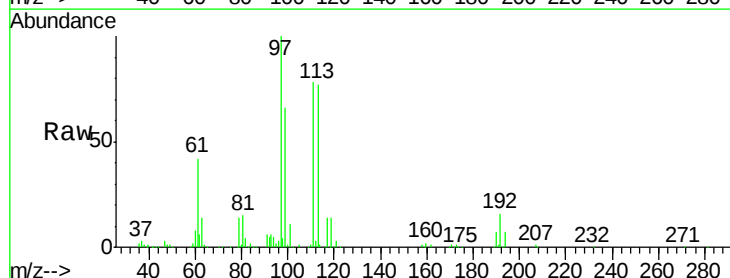
Tgt Ion: 97 Resp: 146031

Ion Ratio Lower Upper

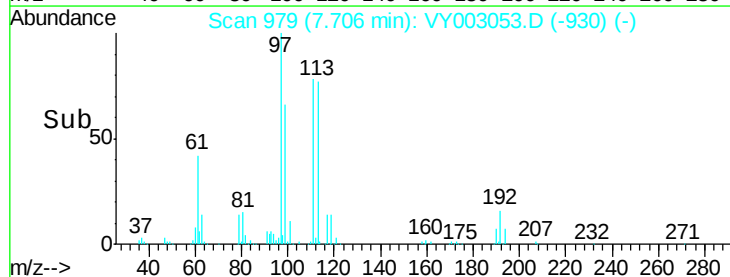
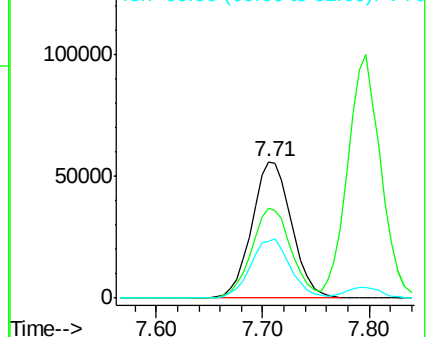
97 100

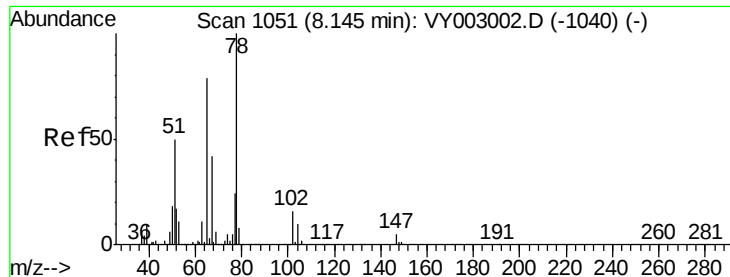
99 66.2 51.4 77.2

61 43.2 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

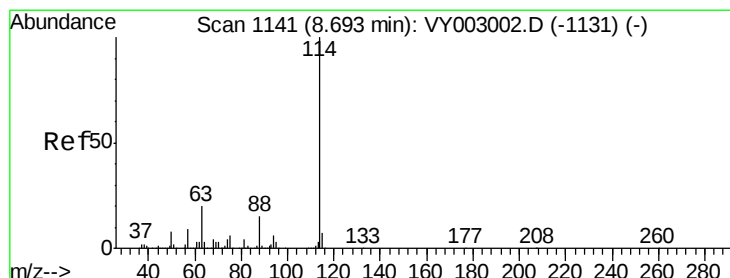
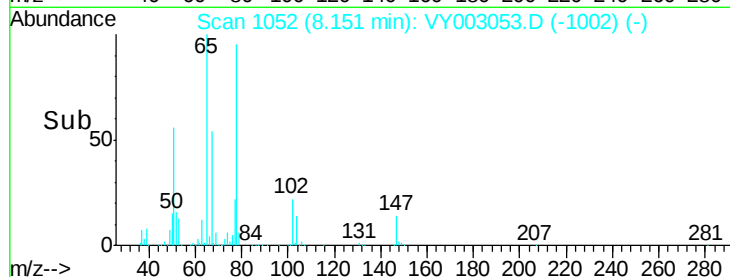
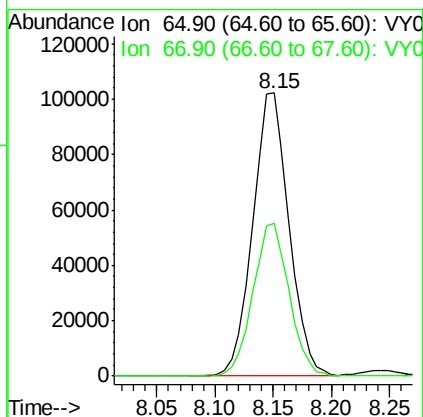
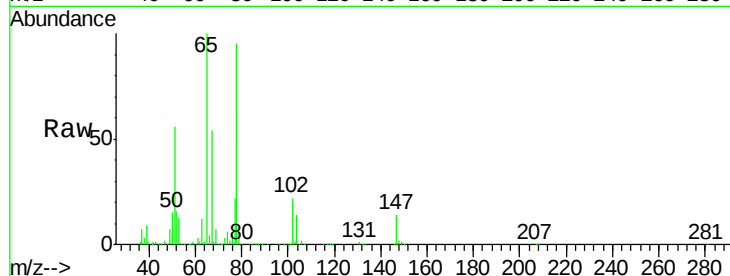




#33
 1,2-Dichloroethane-d4
 Concen: 51.374 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

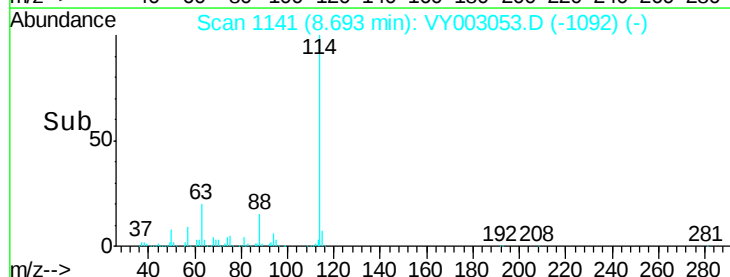
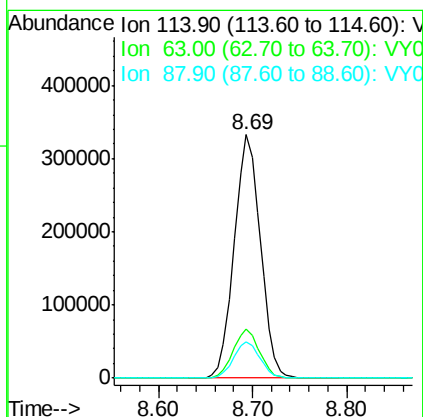
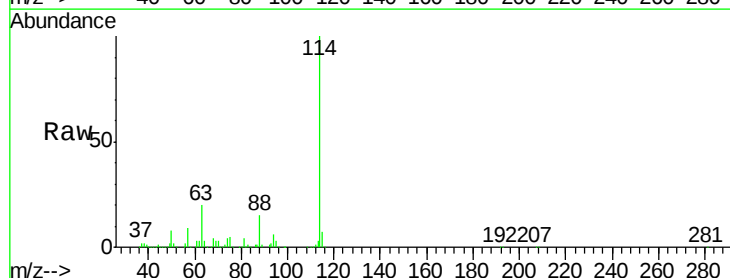
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

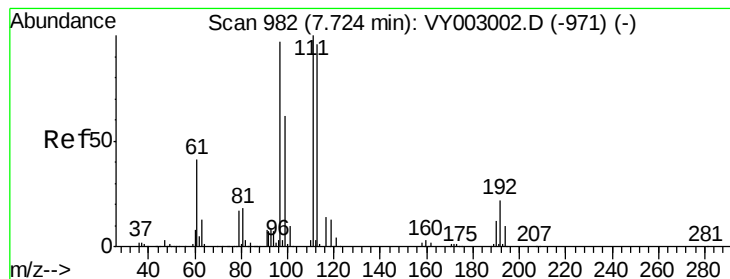
Tgt Ion: 65 Resp: 222110
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion: 114 Resp: 643709
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.696 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

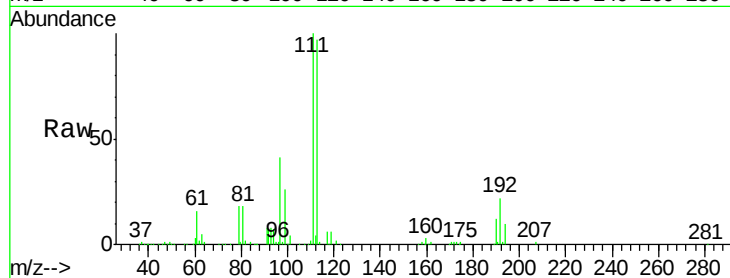
Tgt Ion:113 Resp: 215620

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

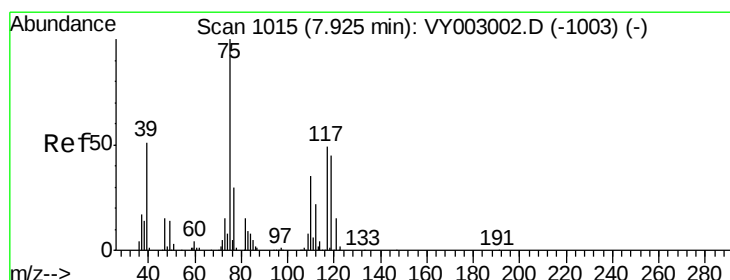
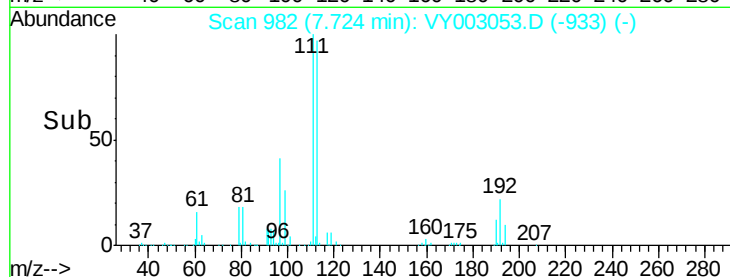
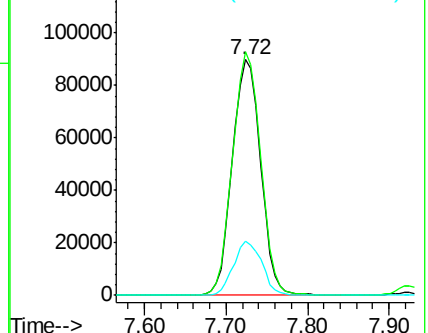
192 22.9 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.909 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

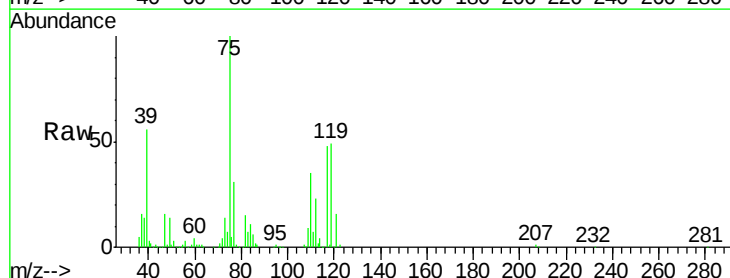
Tgt Ion: 75 Resp: 129645

Ion Ratio Lower Upper

75 100

110 35.1 17.1 51.2

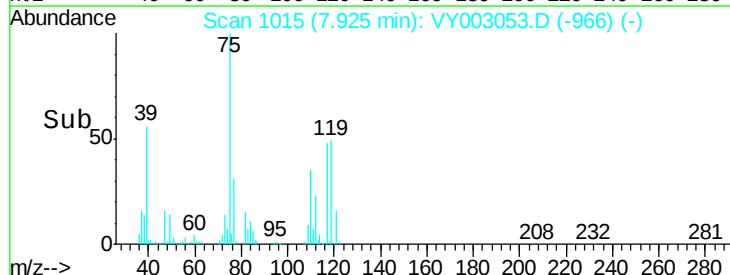
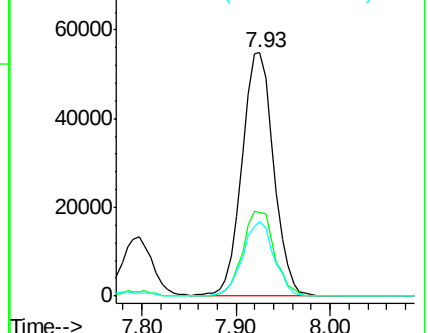
77 30.5 24.9 37.3

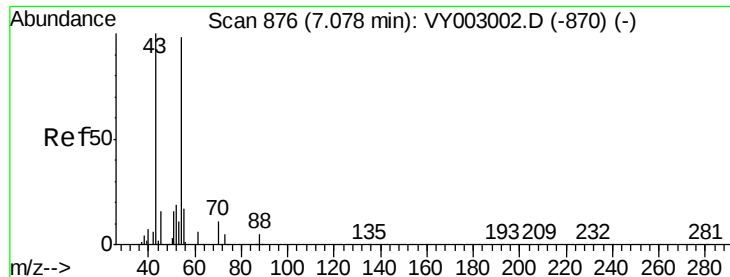


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

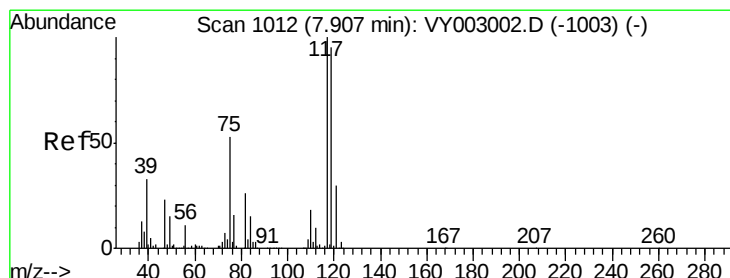
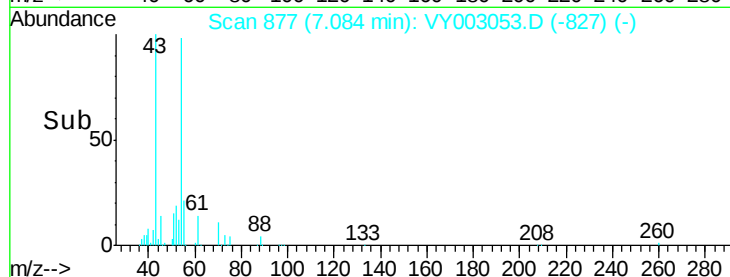
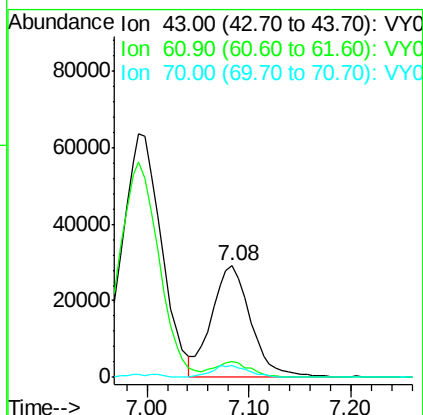
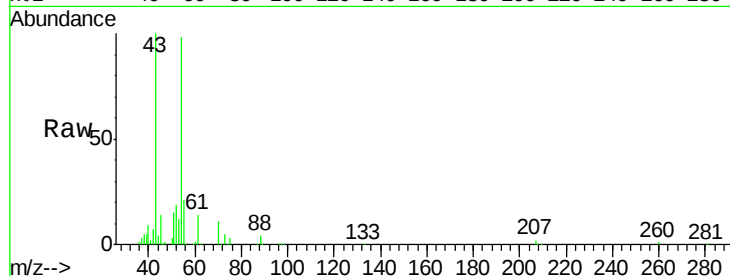




#37
Ethyl Acetate
Concen: 20.781 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

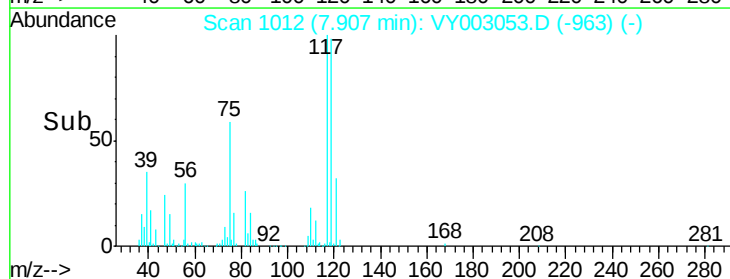
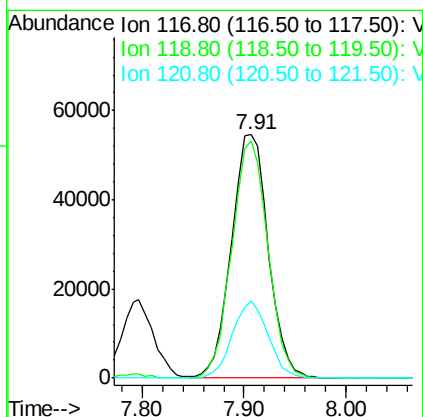
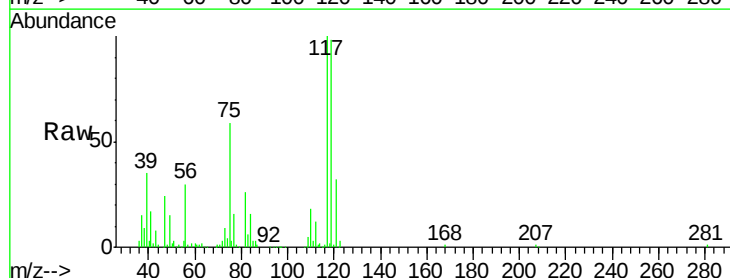
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

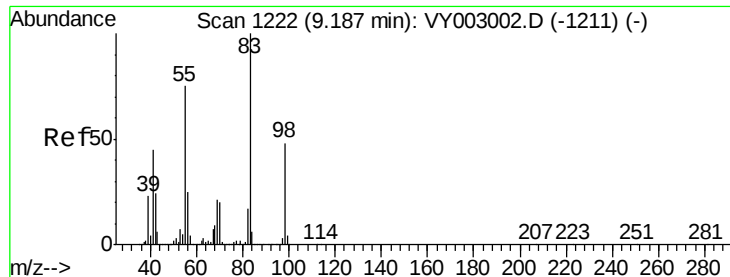
Tgt Ion: 43 Resp: 77471
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 10.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.301 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 117 Resp: 137418
Ion Ratio Lower Upper
117 100
119 97.7 75.7 113.5
121 31.7 23.9 35.9

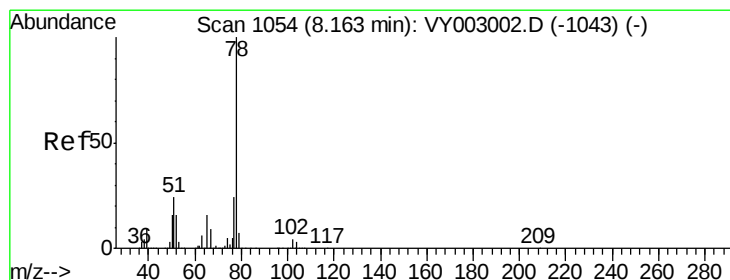
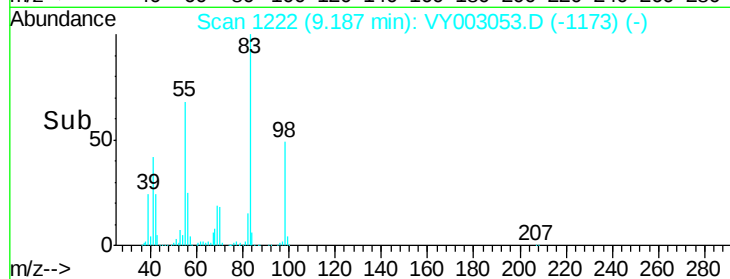
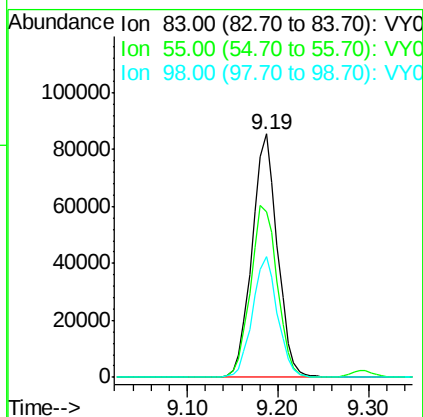
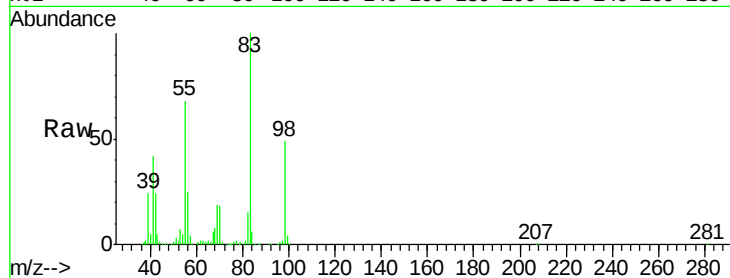




#39
Methylcyclohexane
Concen: 21.565 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

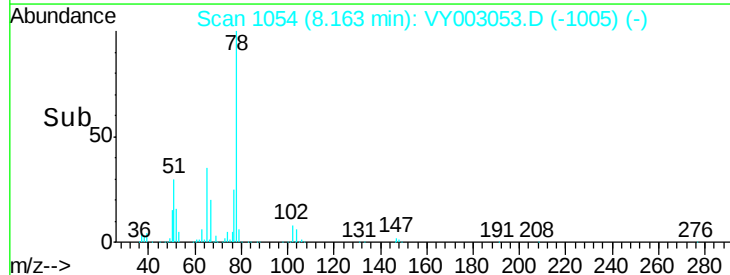
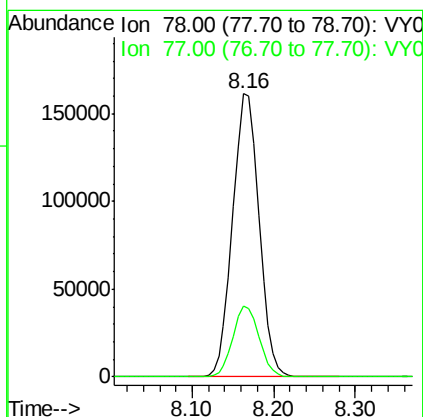
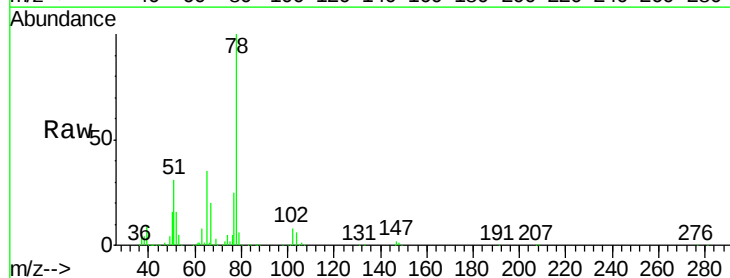
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

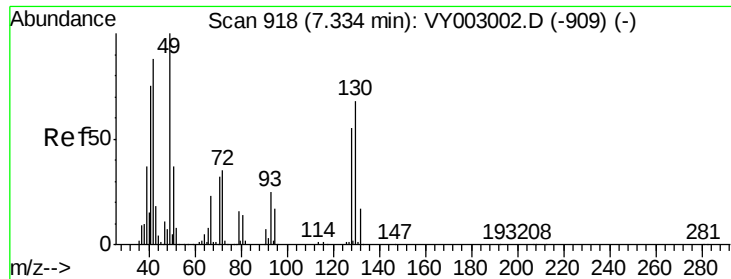
Tgt Ion: 83 Resp: 165782
Ion Ratio Lower Upper
83 100
55 68.1 59.9 89.9
98 49.4 38.7 58.1



#40
Benzene
Concen: 21.247 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 78 Resp: 360676
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8

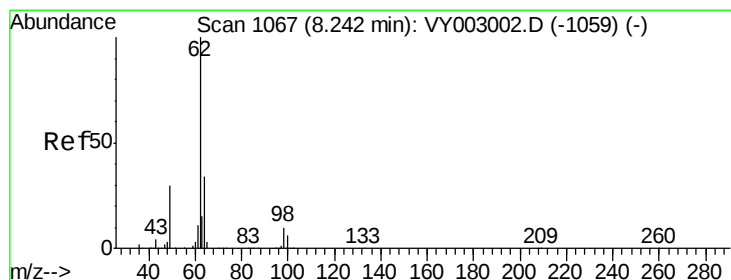
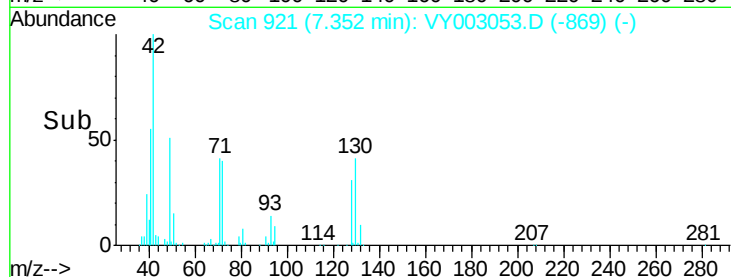
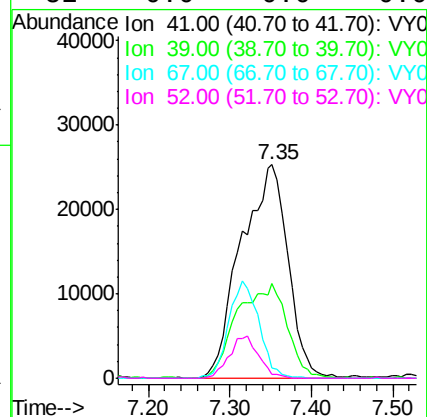
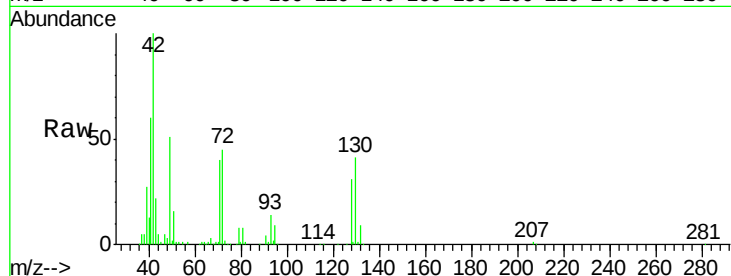




#41
Methacrylonitrile
Concen: 50.666 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

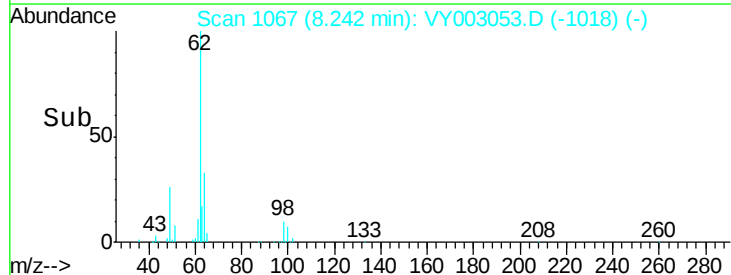
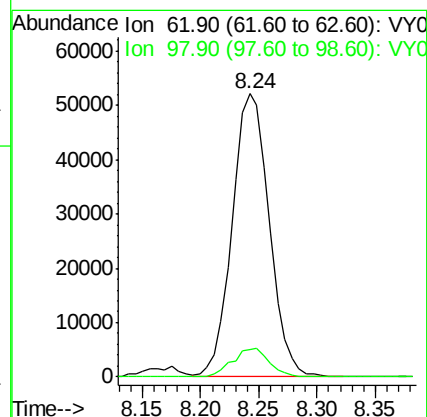
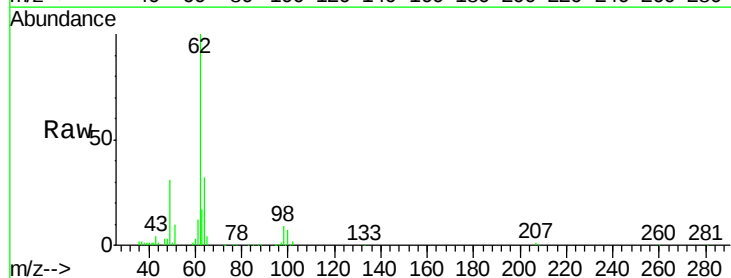
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

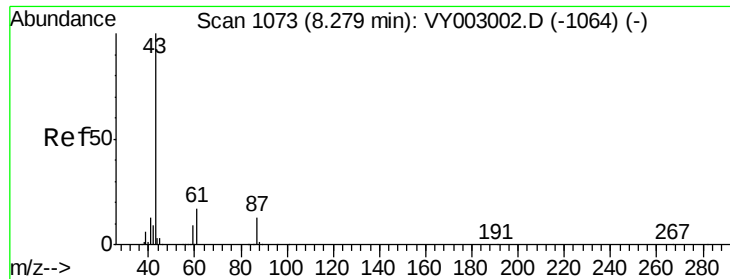
Tgt Ion: 41 Resp: 100898
Ion Ratio Lower Upper
41 100
39 47.0 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.499 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 62 Resp: 115451
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2

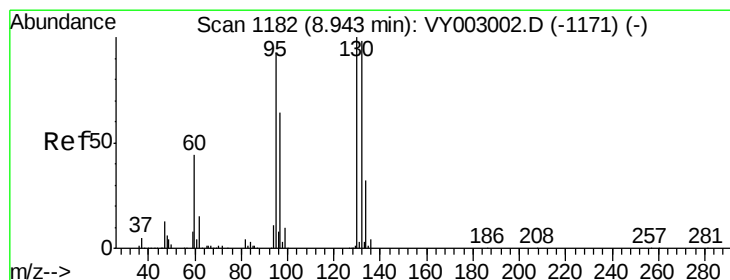
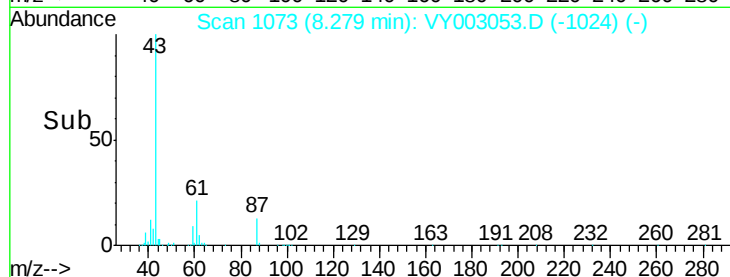
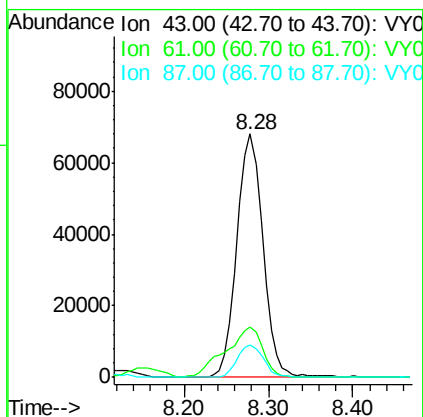
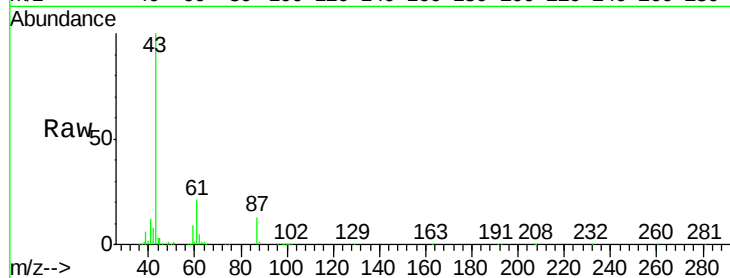




#43
Isopropyl Acetate
Concen: 20.133 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

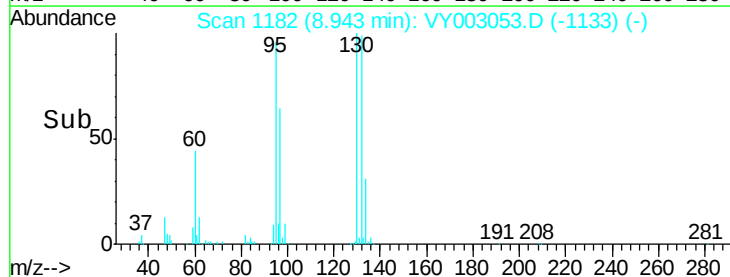
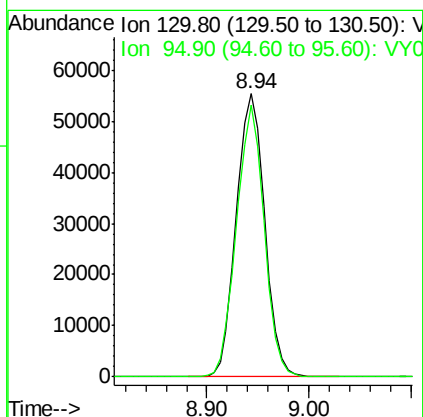
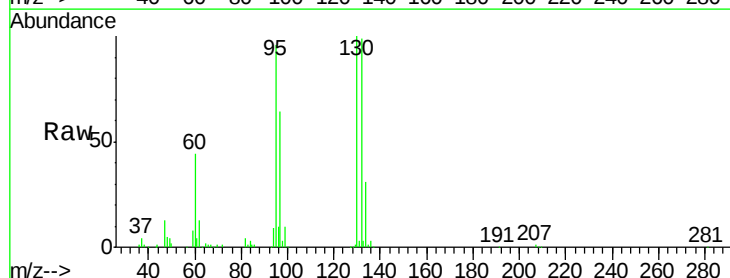
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

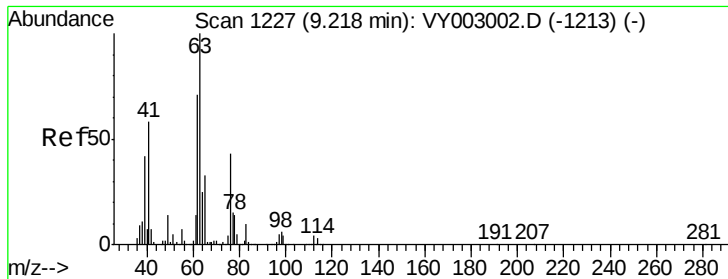
Tgt Ion: 43 Resp: 142686
Ion Ratio Lower Upper
43 100
61 29.1 21.8 32.6
87 13.4 10.1 15.1



#44
Trichloroethene
Concen: 21.679 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 130 Resp: 106964
Ion Ratio Lower Upper
130 100
95 95.9 0.0 186.4

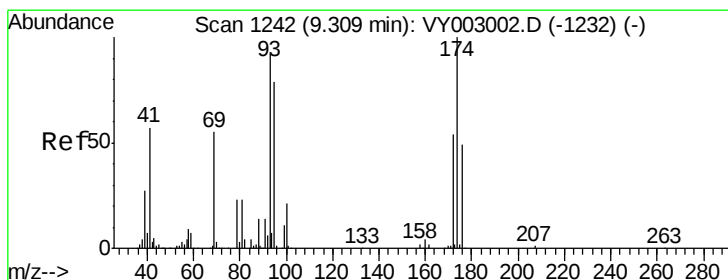
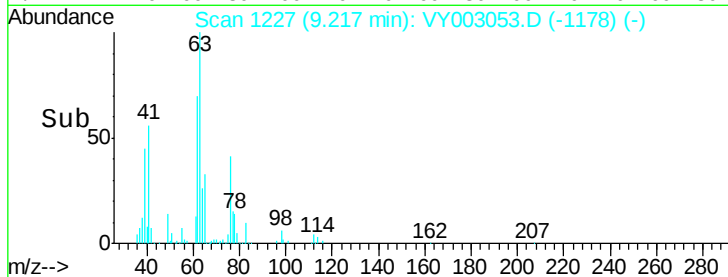
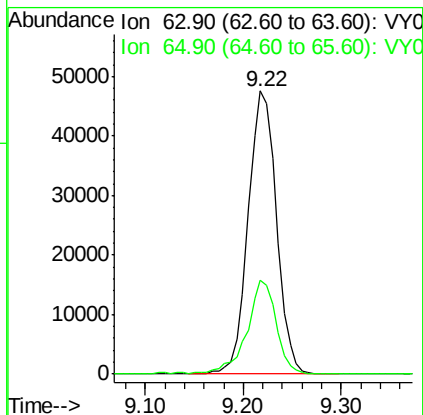
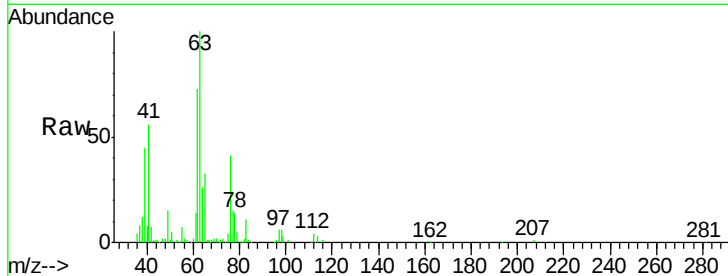




#45
 1,2-Dichloropropane
 Concen: 20.902 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

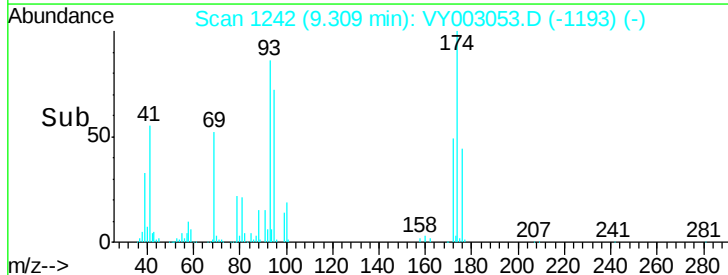
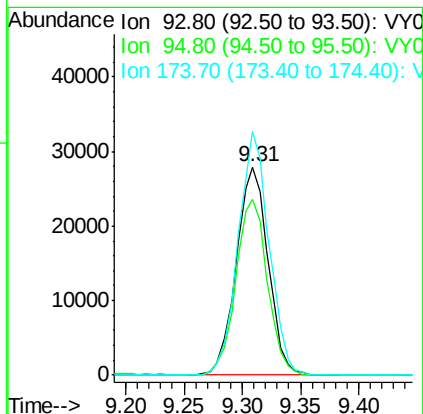
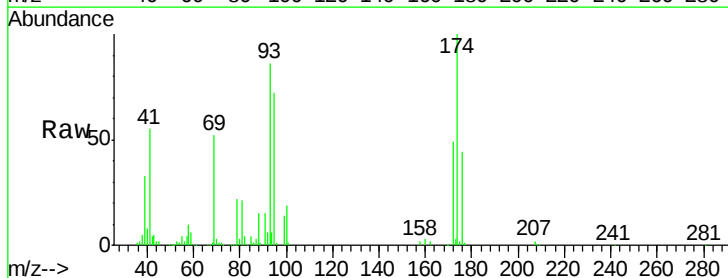
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

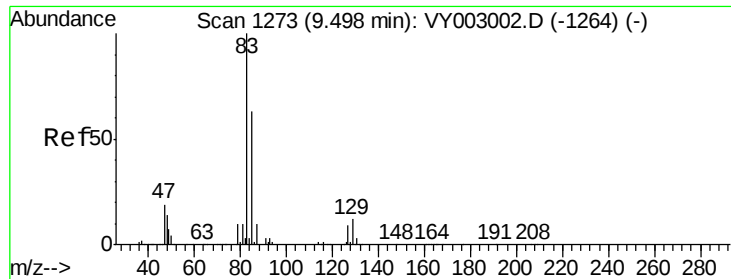
Tgt Ion: 63 Resp: 95460
 Ion Ratio Lower Upper
 63 100
 65 33.2 26.2 39.4



#46
 Dibromomethane
 Concen: 20.846 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion: 93 Resp: 53173
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.6 101.4
 174 113.8 88.3 132.5





#47

Bromodichloromethane

Concen: 20.856 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

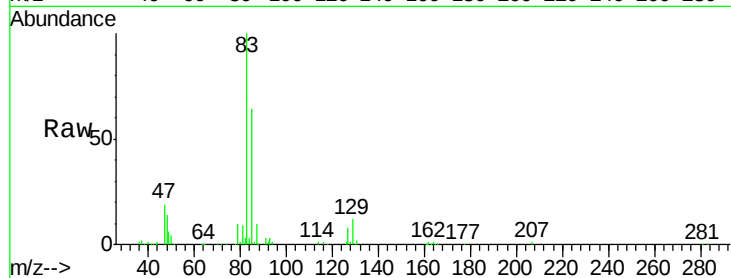
Tgt Ion: 83 Resp: 130263

Ion Ratio Lower Upper

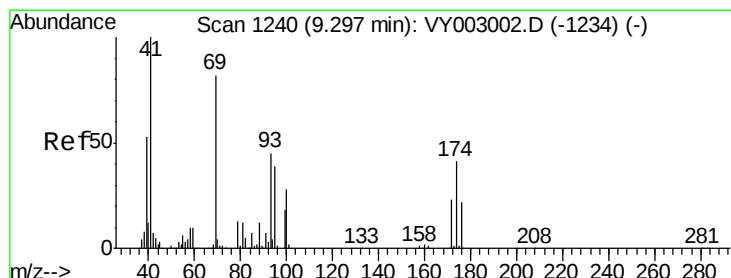
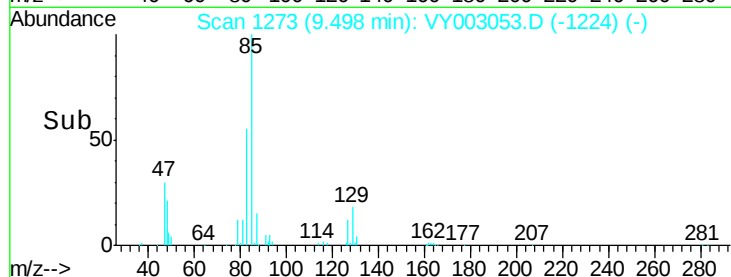
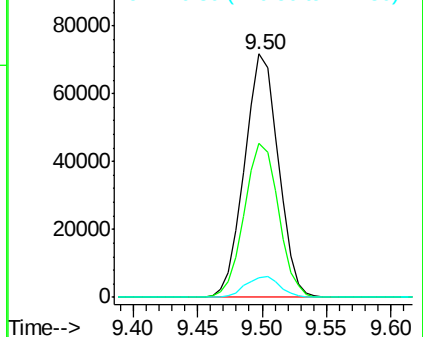
83 100

85 63.5 50.5 75.7

127 7.8 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: 19.647 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

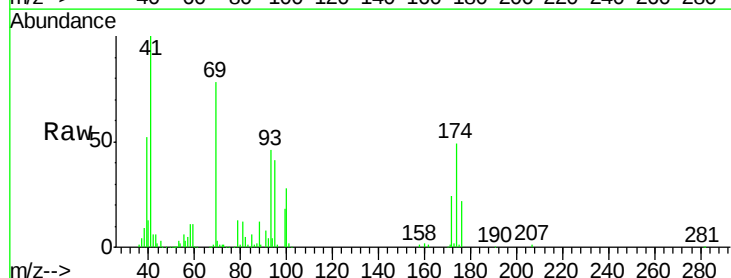
Tgt Ion: 41 Resp: 63381

Ion Ratio Lower Upper

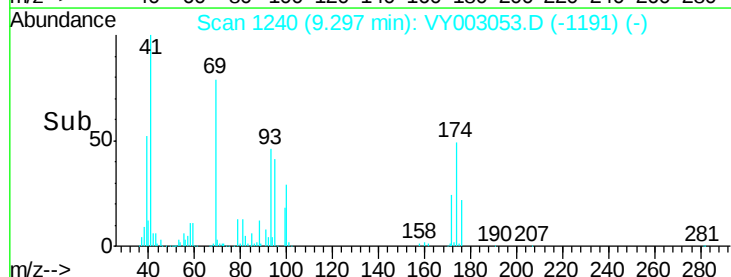
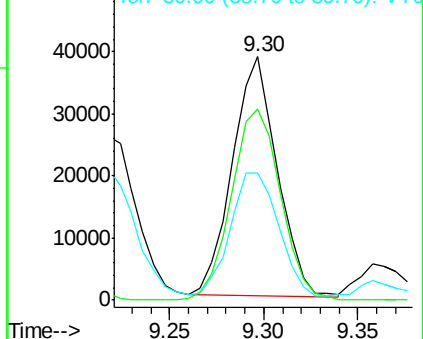
41 100

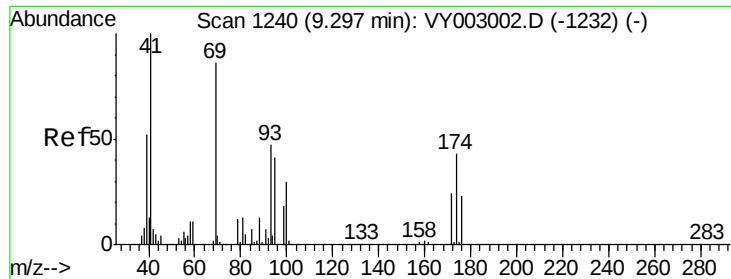
69 87.8 67.7 101.5

39 60.1 45.0 67.4



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

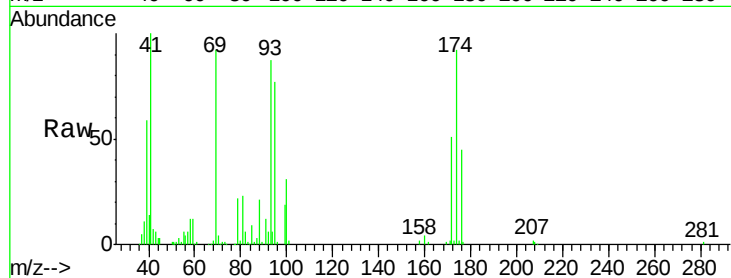




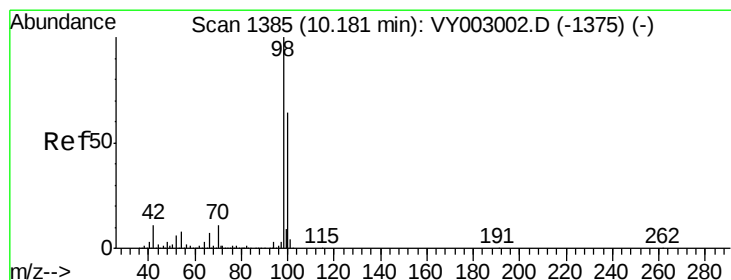
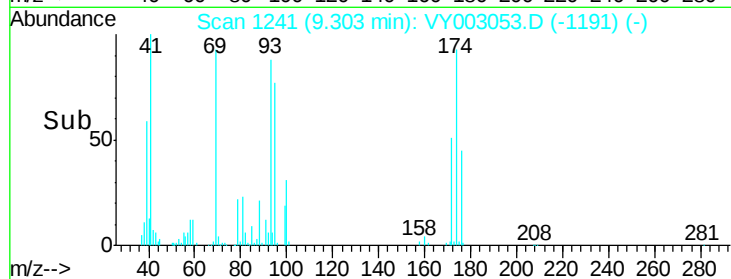
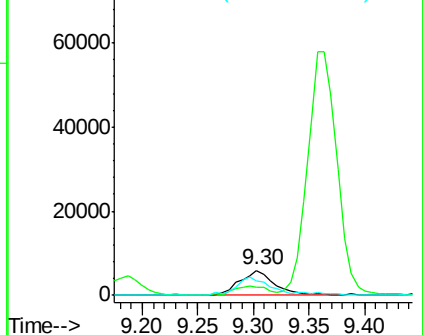
#49
1,4-Dioxane
Concen: 428.370 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tgt Ion: 88 Resp: 13338
Ion Ratio Lower Upper
88 100
43 33.1 28.6 42.8
58 79.3 56.7 85.1

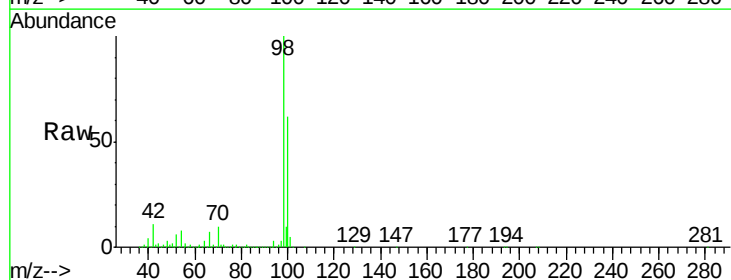


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

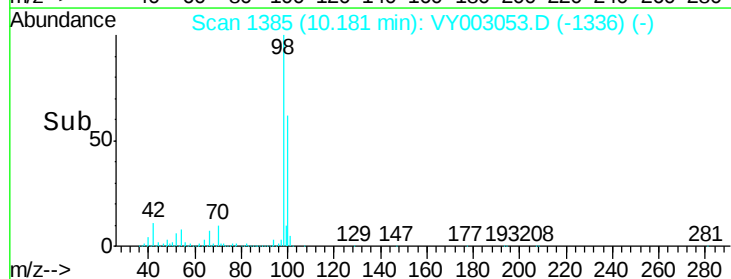
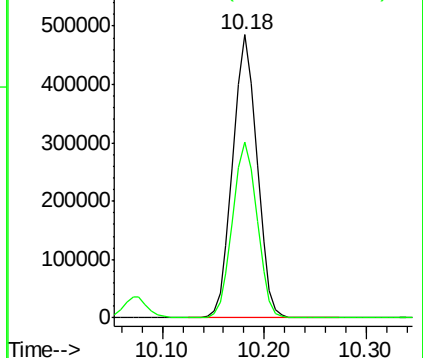


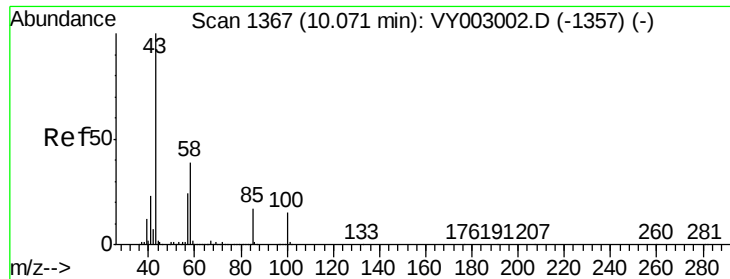
#50
Toluene-d8
Concen: 53.590 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 98 Resp: 801690
Ion Ratio Lower Upper
98 100
100 62.8 51.1 76.7



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

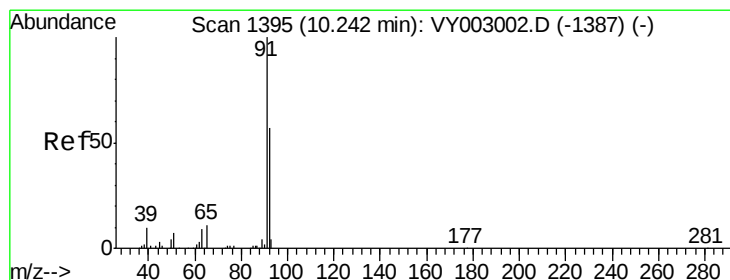
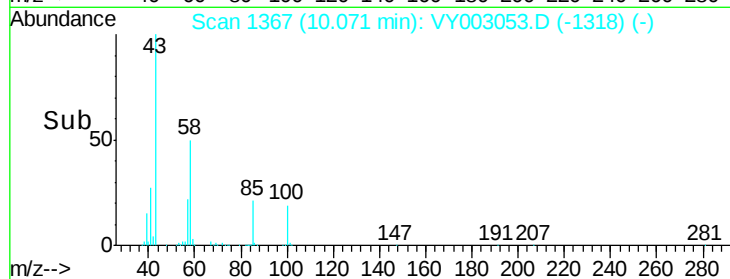
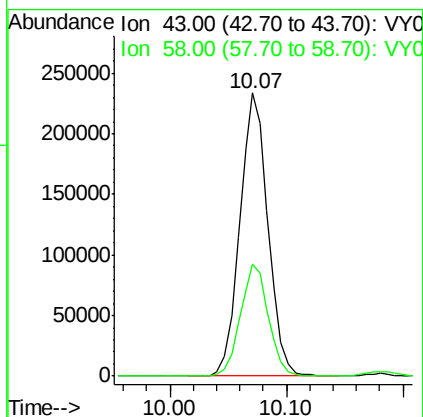
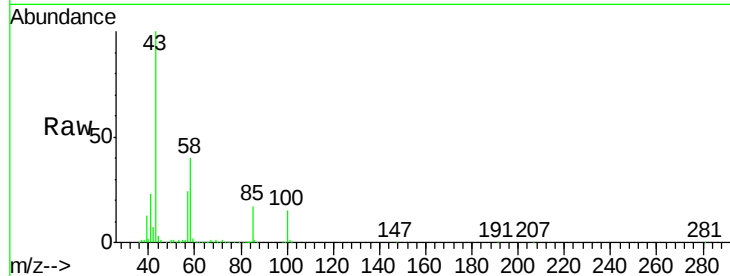




#51
 4-Methyl-2-Pentanone
 Concen: 106.630 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

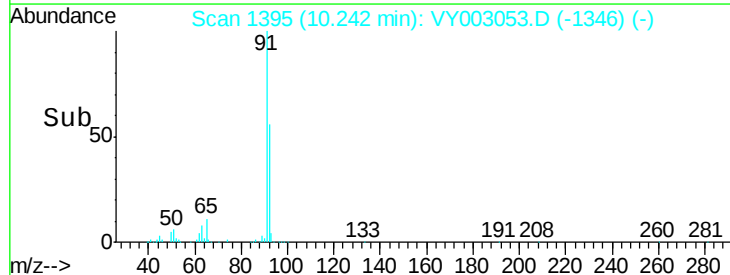
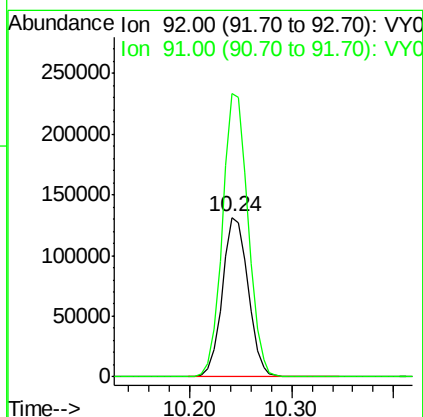
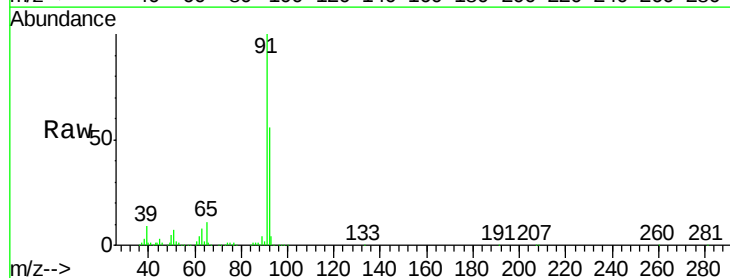
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

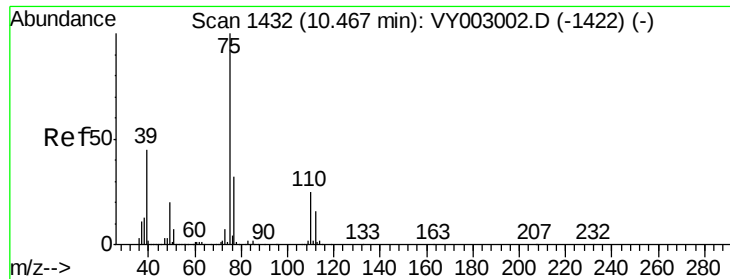
Tgt Ion: 43 Resp: 390595
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.1 46.7



#52
 Toluene
 Concen: 21.469 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion: 92 Resp: 229413
 Ion Ratio Lower Upper
 92 100
 91 176.9 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 21.087 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

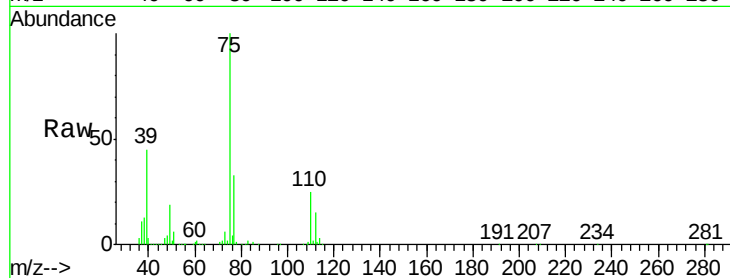
VY0701SBS01

Tgt Ion: 75 Resp: 138080

Ion Ratio Lower Upper

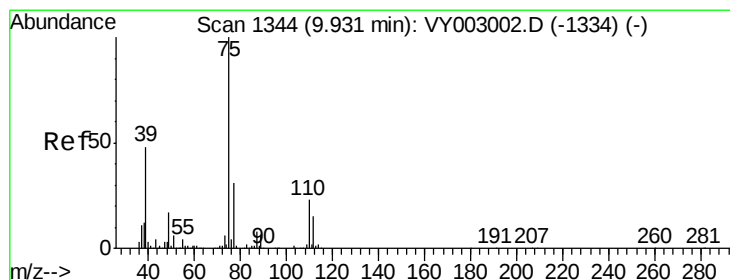
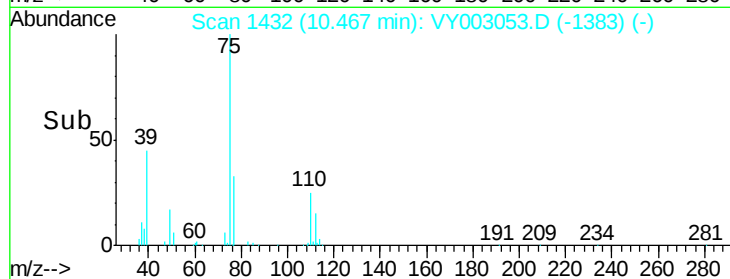
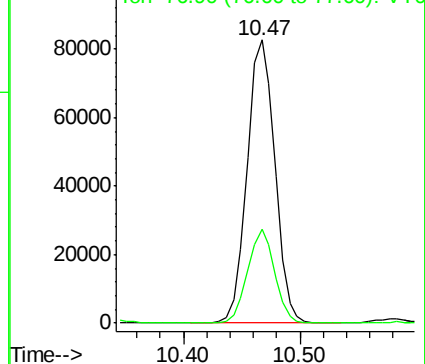
75 100

77 32.9 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.121 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

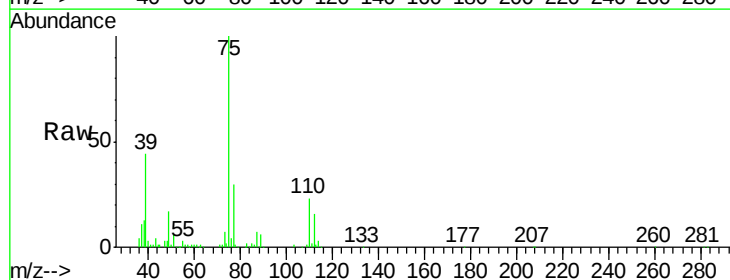
Tgt Ion: 75 Resp: 158171

Ion Ratio Lower Upper

75 100

77 29.6 24.6 37.0

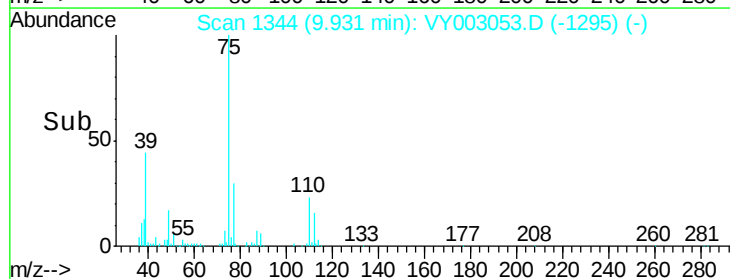
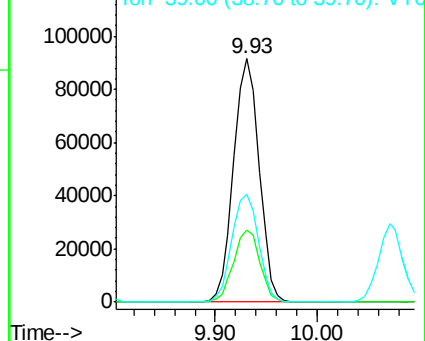
39 44.1 38.3 57.5

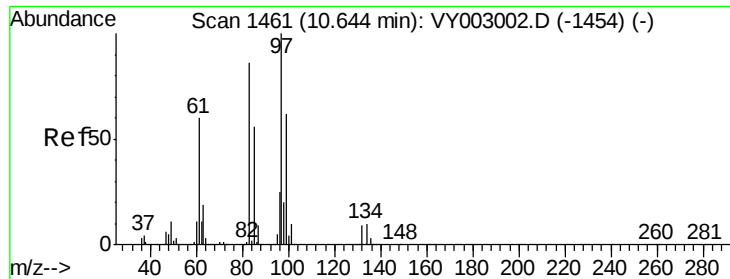


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

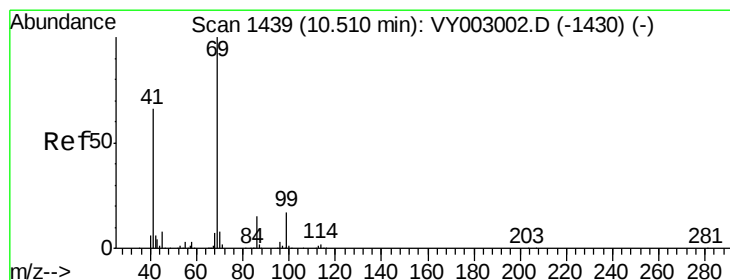
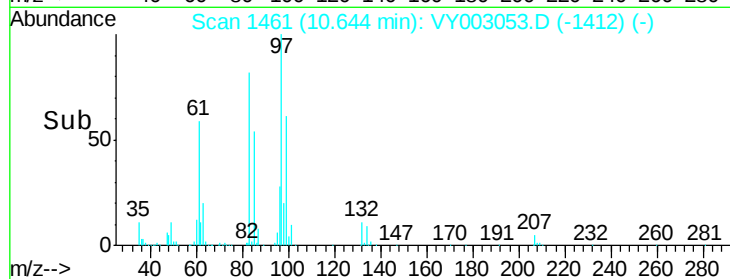
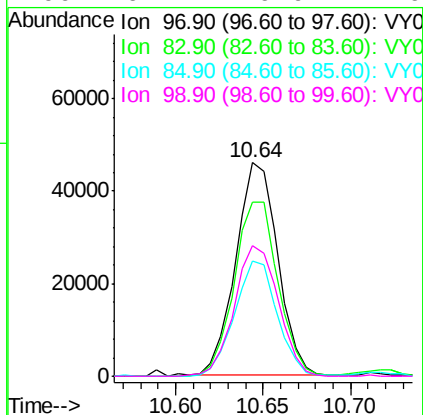
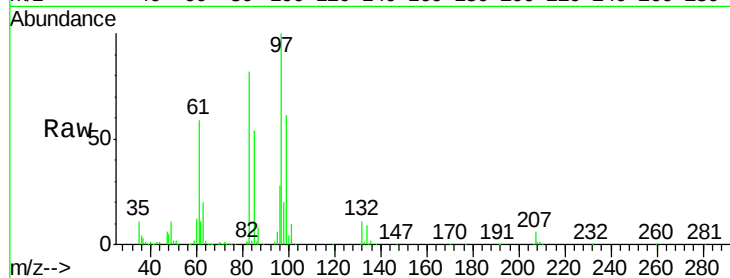




#55
 1,1,2-Trichloroethane
 Concen: 21.761 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

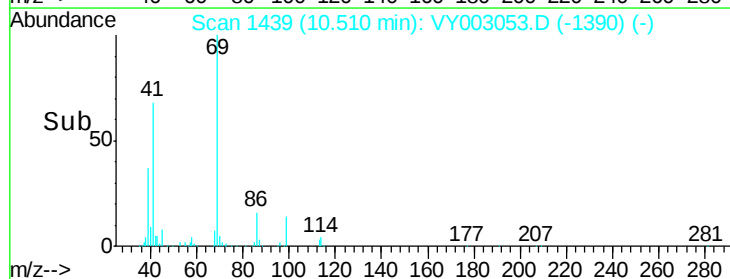
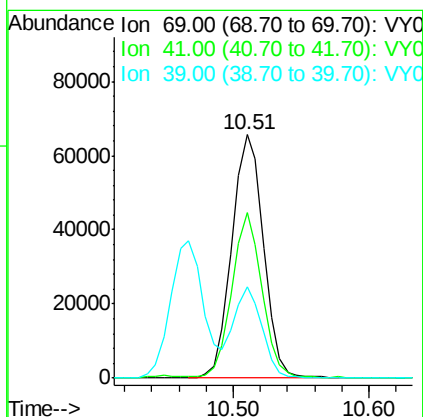
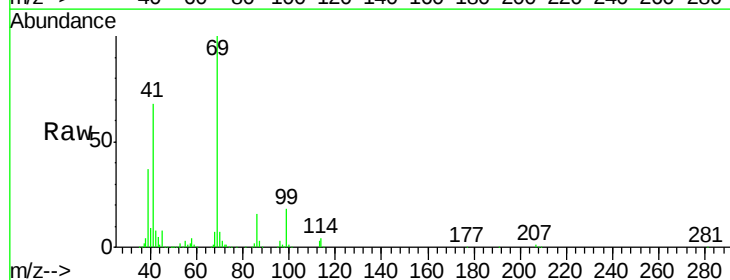
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

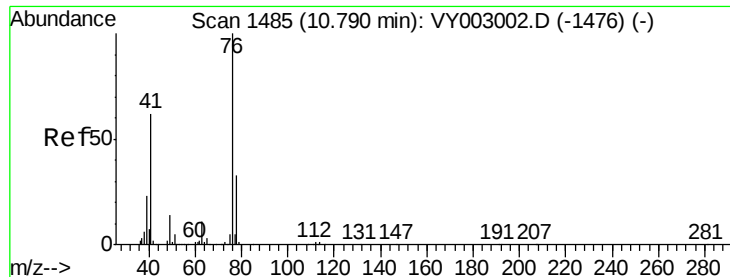
Tgt Ion:	97	Resp:	77130
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.0	103.6
85	53.8	44.8	67.2
99	61.2	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 20.696 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion:	69	Resp:	106189
Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.7	80.5
39	33.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.893 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

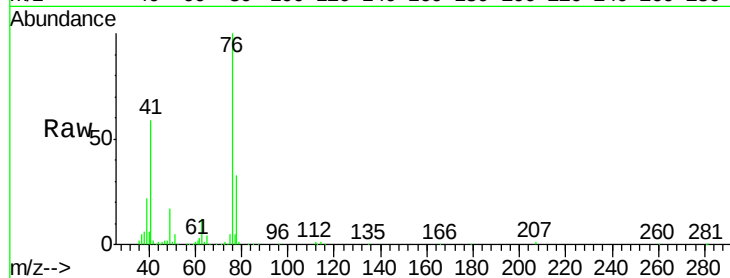
VY0701SBS01

Tgt Ion: 76 Resp: 130001

Ion Ratio Lower Upper

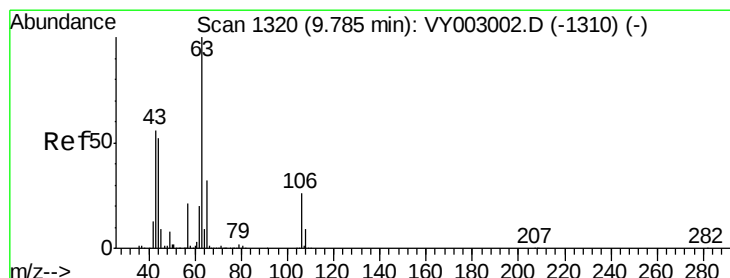
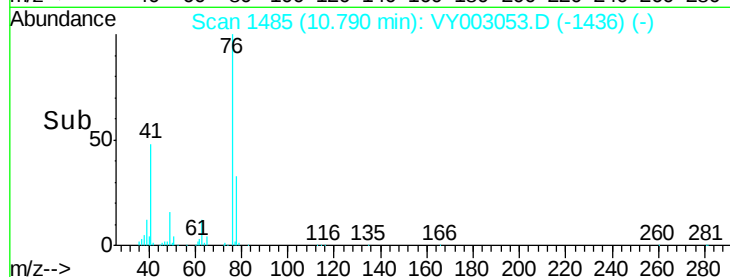
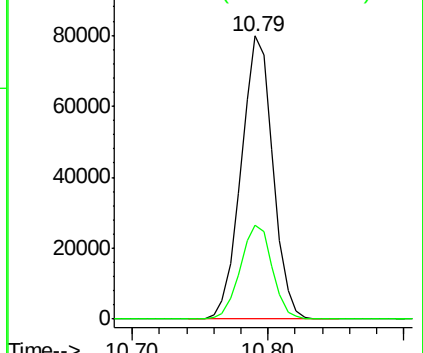
76 100

78 33.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 91.166 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003053.D

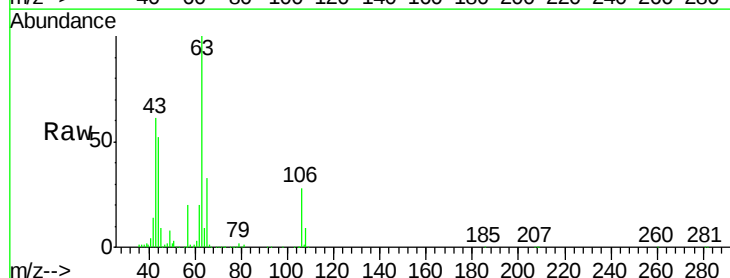
Acq: 01 Jul 2020 12:51

Tgt Ion: 63 Resp: 239898

Ion Ratio Lower Upper

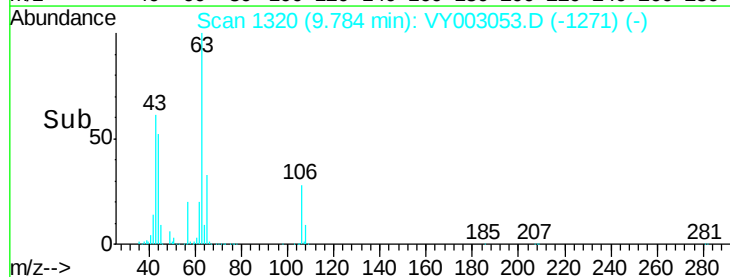
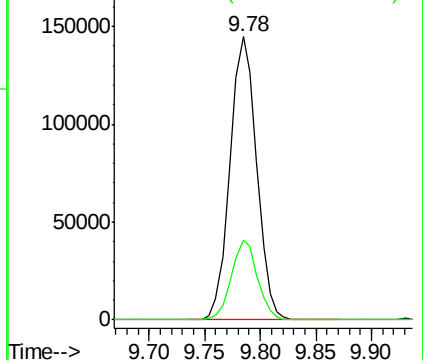
63 100

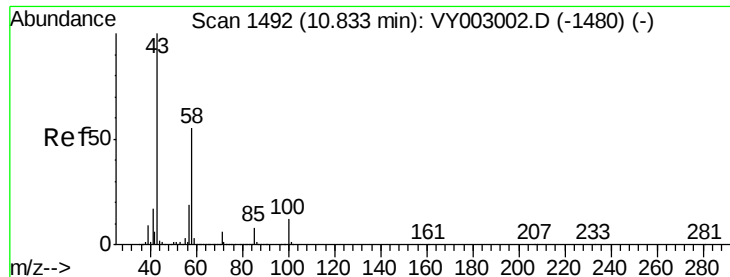
106 27.6 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

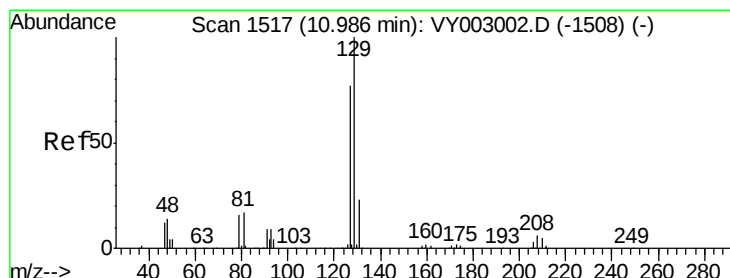
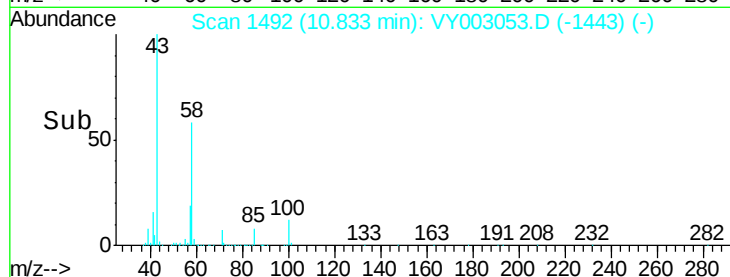
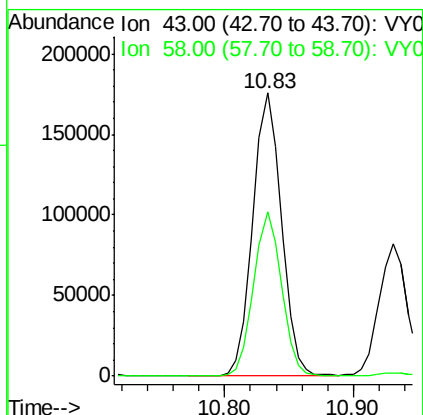
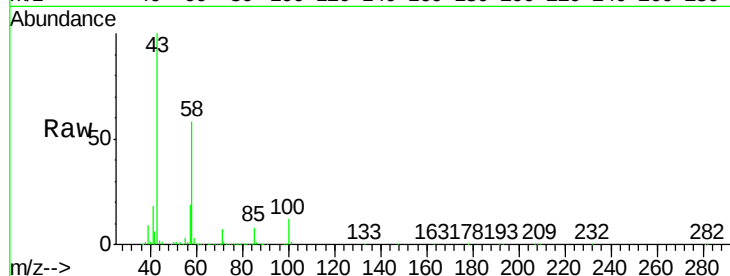




#59
2-Hexanone
Concen: 105.199 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

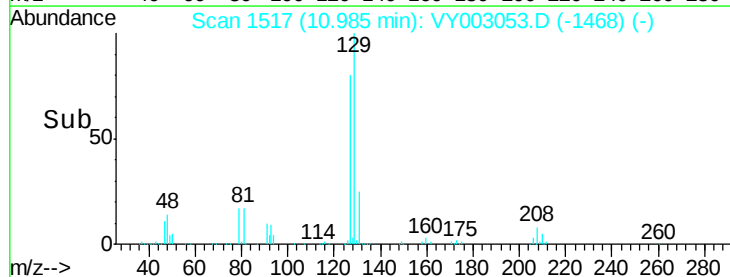
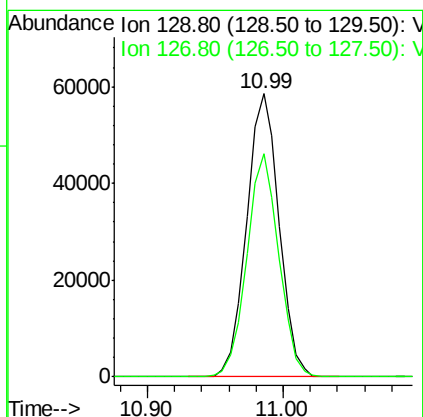
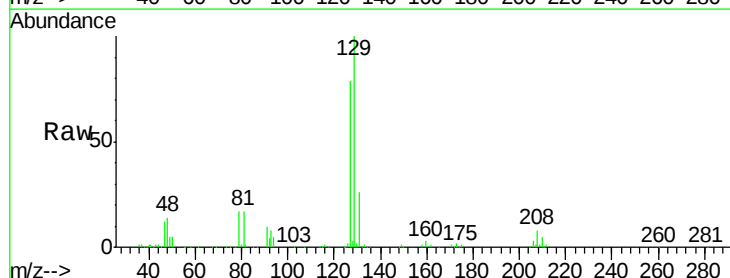
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

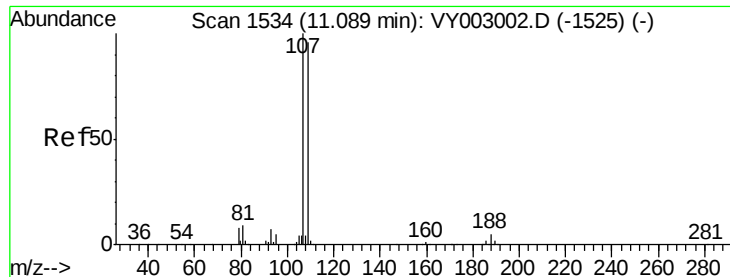
Tgt Ion: 43 Resp: 269347
Ion Ratio Lower Upper
43 100
58 56.7 27.5 82.4



#60
Dibromochloromethane
Concen: 21.551 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 129 Resp: 97756
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

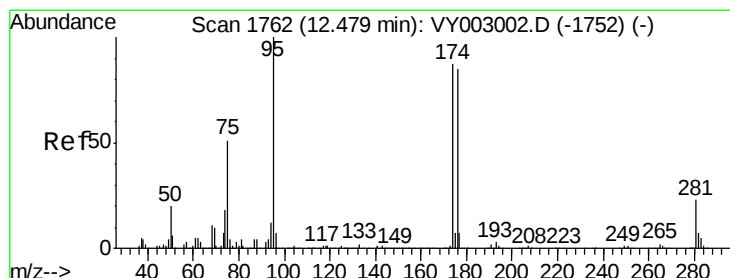
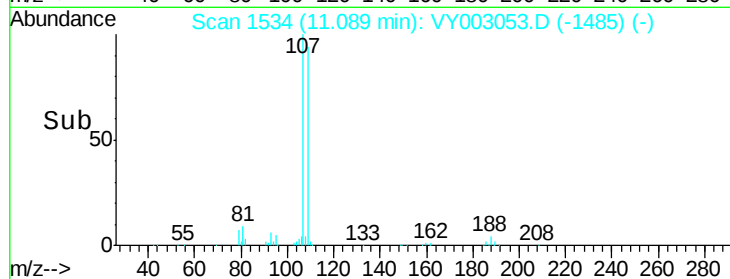
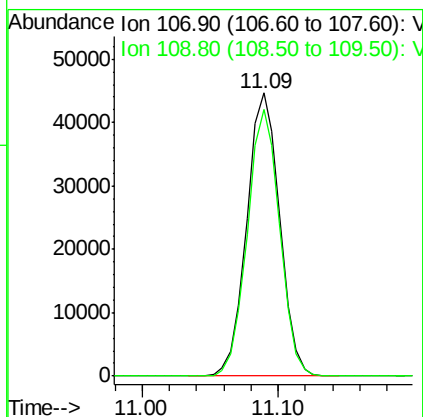
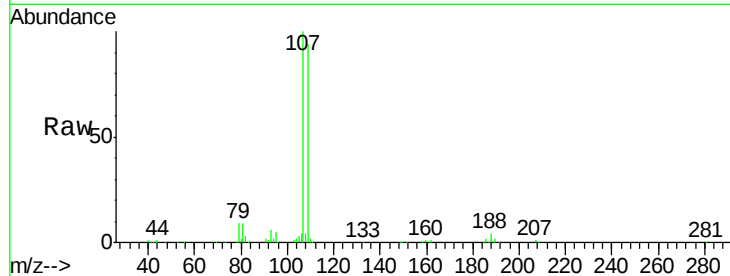




#61
 1,2-Dibromoethane
 Concen: 21.671 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

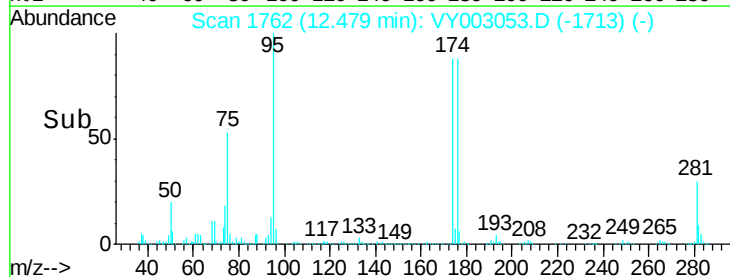
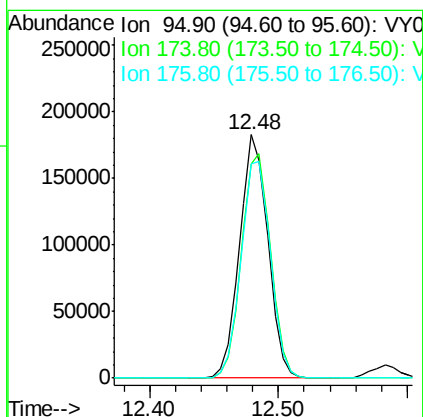
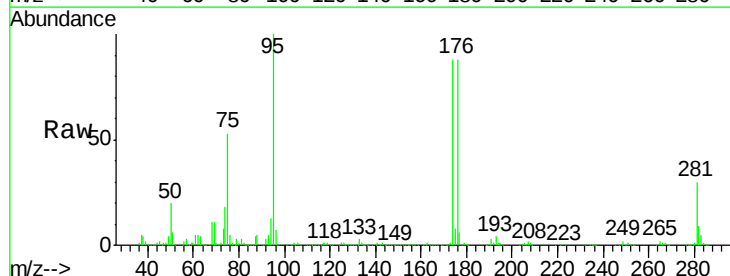
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

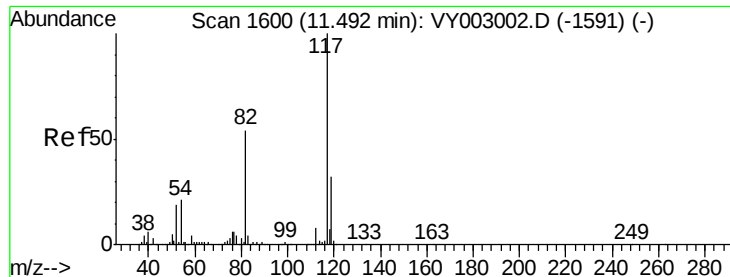
Tgt Ion: 107 Resp: 75725
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.696 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion: 95 Resp: 277490
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 184.8
 176 92.4 0.0 183.0

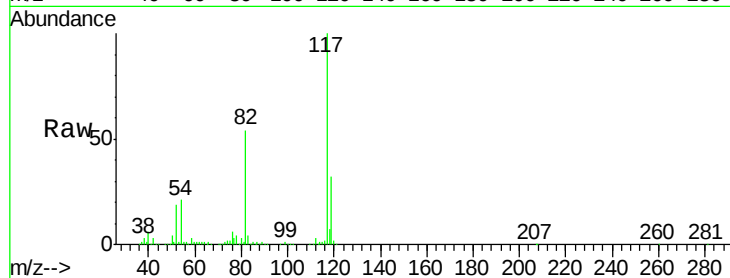




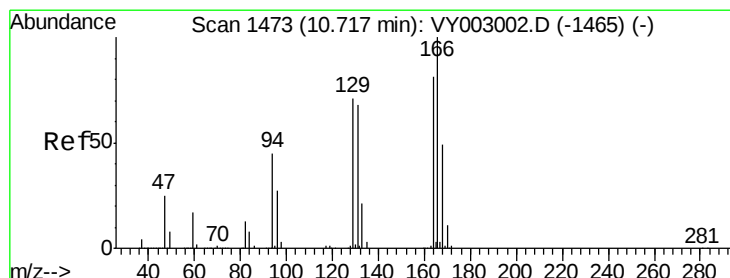
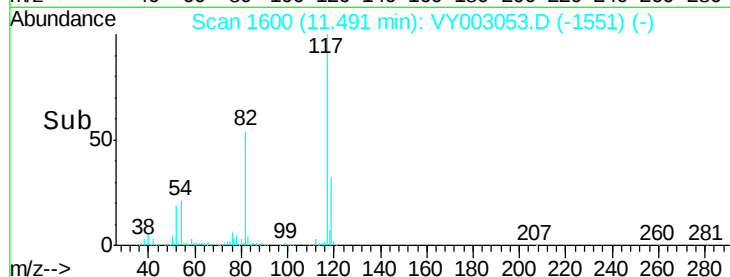
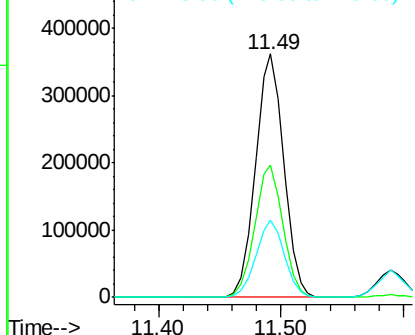
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tgt Ion:117 Resp: 584649
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.6
119 31.7 25.8 38.8

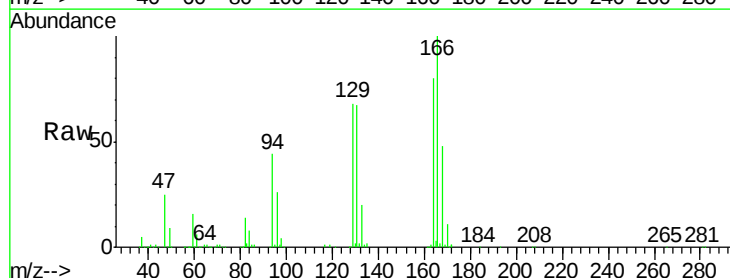


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

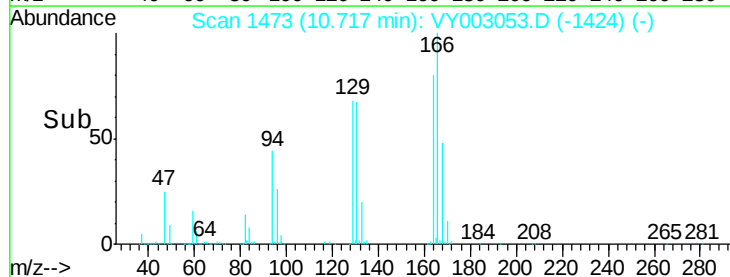
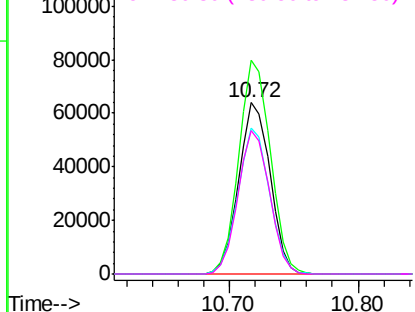


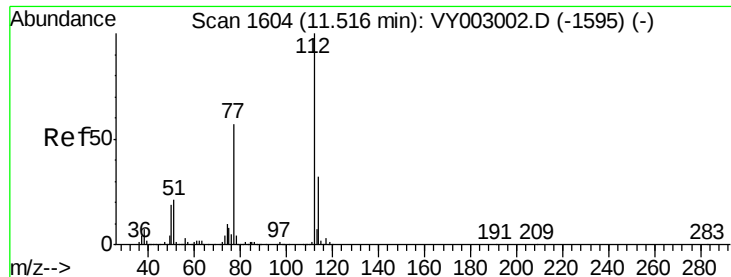
#64
Tetrachloroethene
Concen: 21.820 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion:164 Resp: 107969
Ion Ratio Lower Upper
164 100
166 124.5 98.5 147.7
129 85.1 69.7 104.5
131 83.4 67.2 100.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 22.004 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

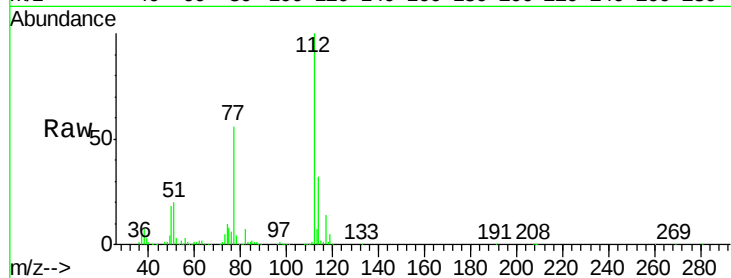
VY0701SBS01

Tgt Ion:112 Resp: 253668

Ion Ratio Lower Upper

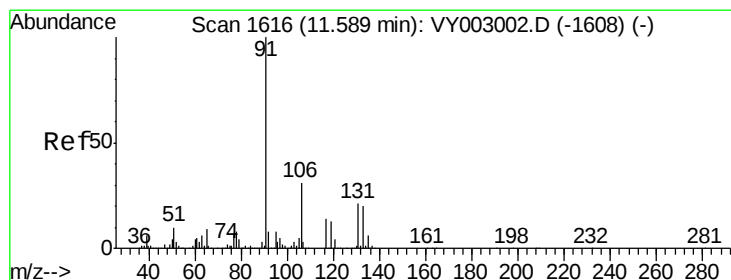
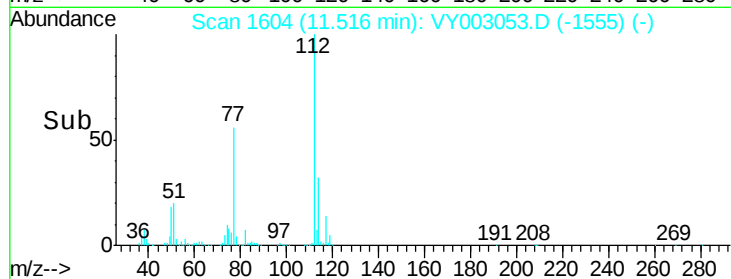
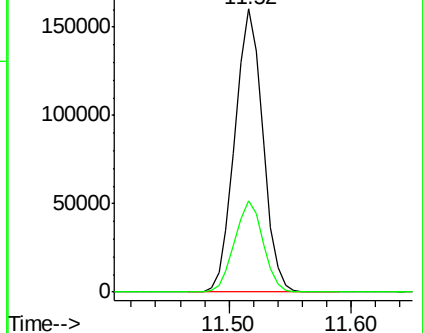
112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.398 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

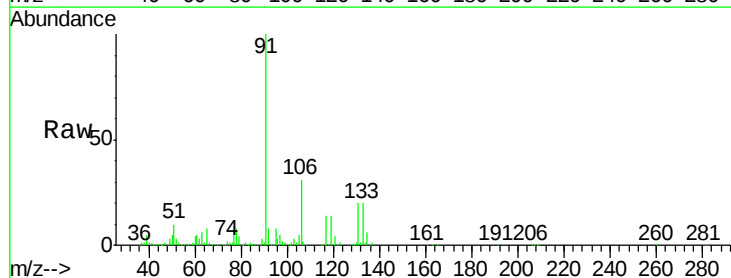
Tgt Ion:131 Resp: 96309

Ion Ratio Lower Upper

131 100

133 94.6 47.9 143.8

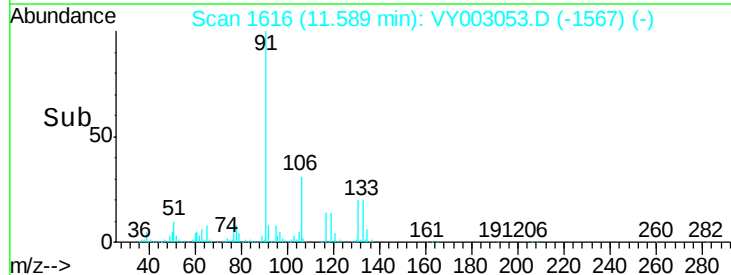
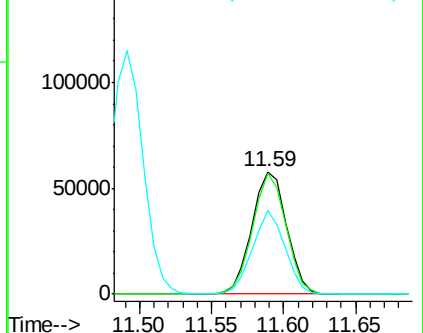
119 63.8 31.8 95.3

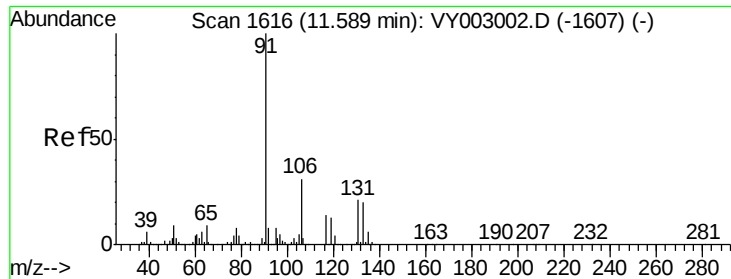


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.651 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

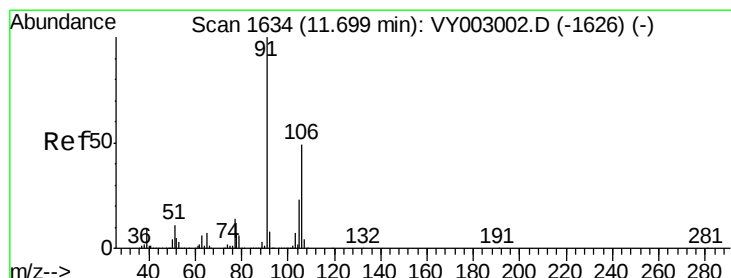
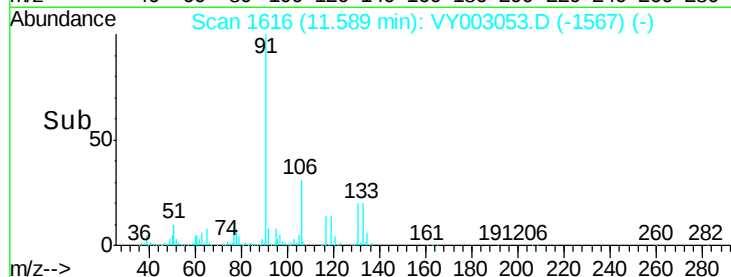
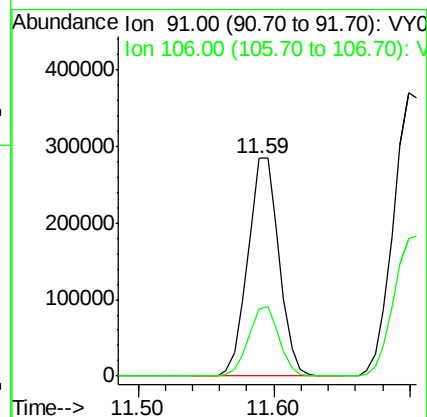
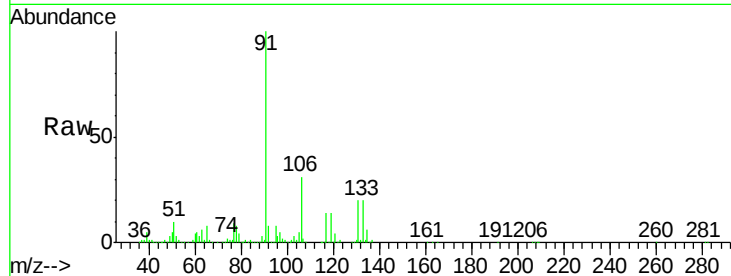
VY0701SBS01

Tgt Ion: 91 Resp: 456626

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 43.199 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY003053.D

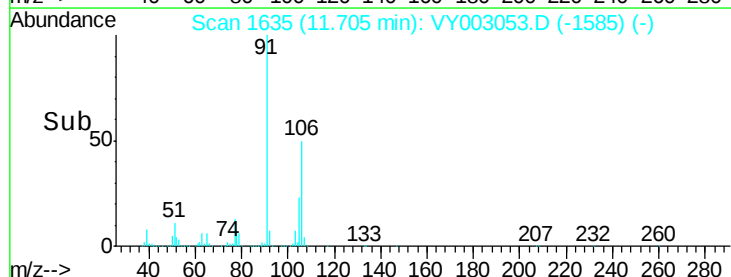
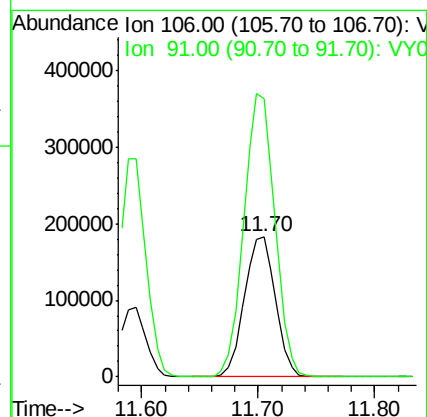
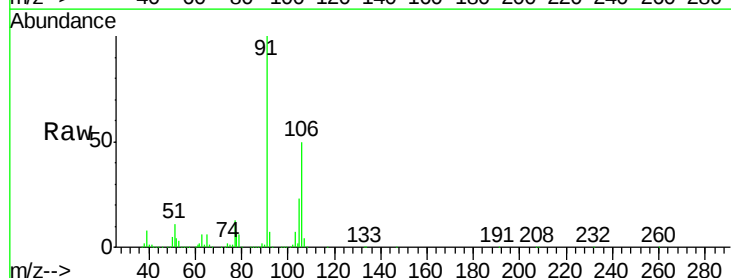
Acq: 01 Jul 2020 12:51

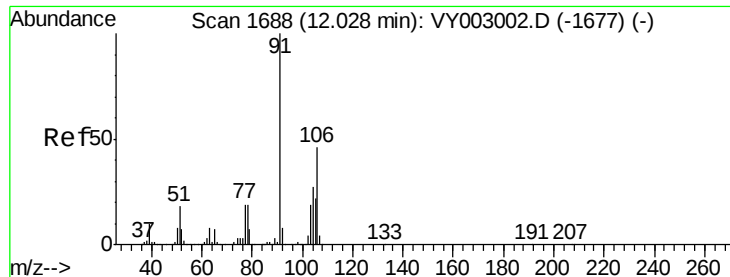
Tgt Ion: 106 Resp: 339086

Ion Ratio Lower Upper

106 100

91 201.9 161.9 242.9

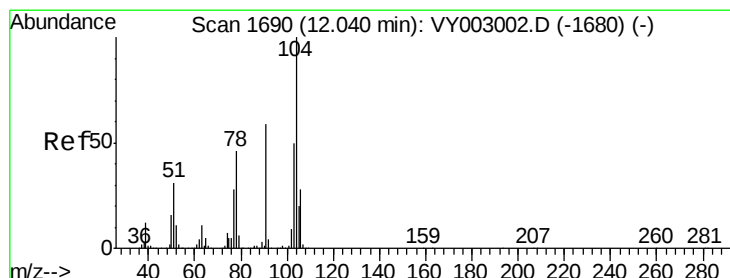
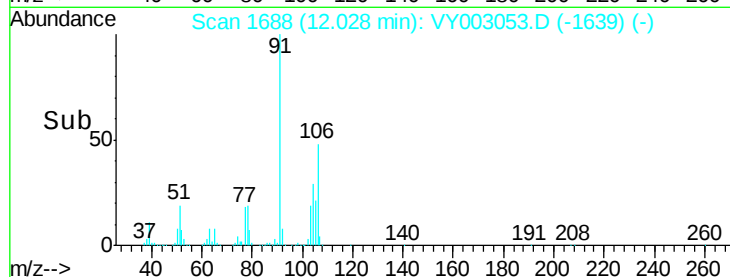
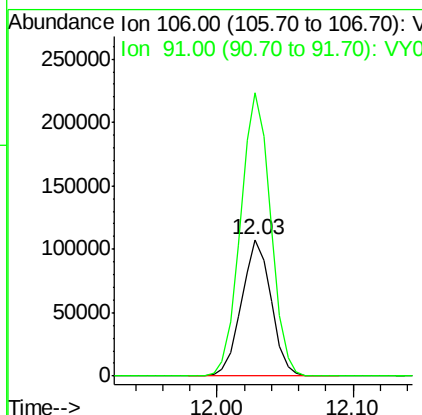
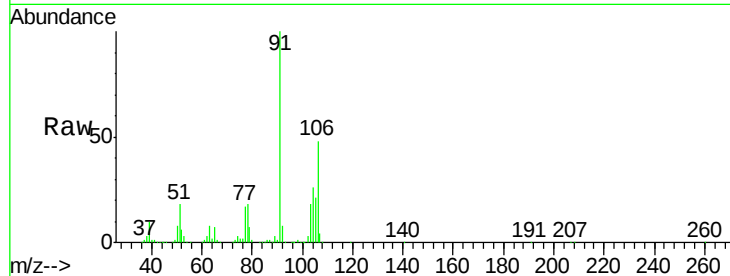




#69
o-Xylene
Concen: 22.025 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

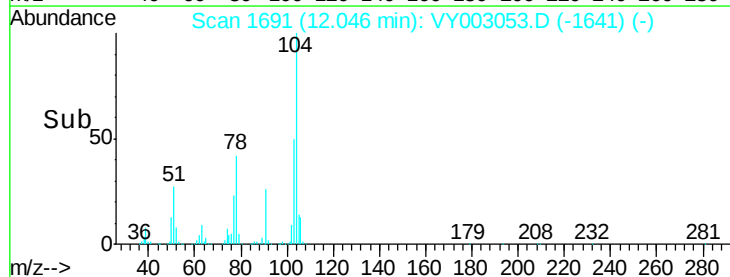
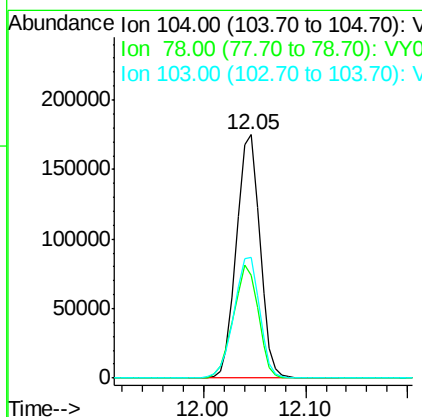
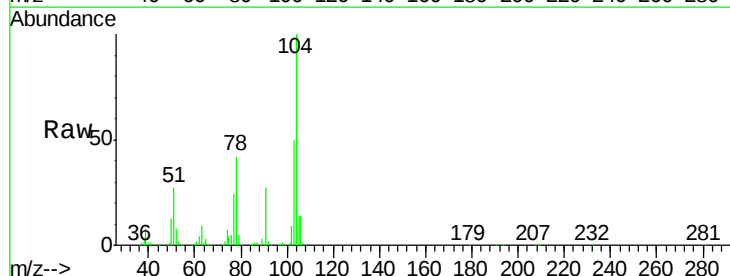
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tgt Ion:106 Resp: 162912
Ion Ratio Lower Upper
106 100
91 211.1 107.9 323.8



#70
Styrene
Concen: 21.990 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion:104 Resp: 277868
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 54.3 44.1 66.1





#71

Bromoform

Concen: 22.093 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

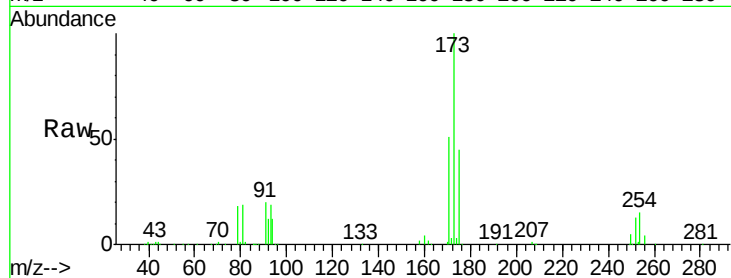
Tgt Ion:173 Resp: 66306

Ion Ratio Lower Upper

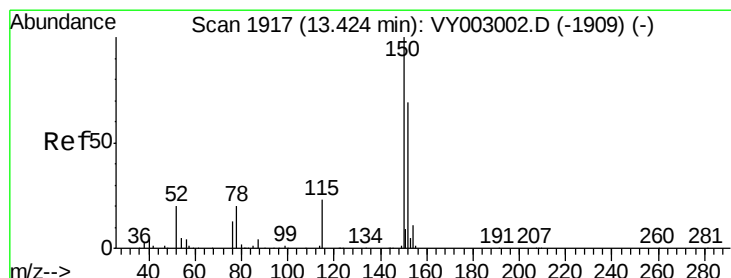
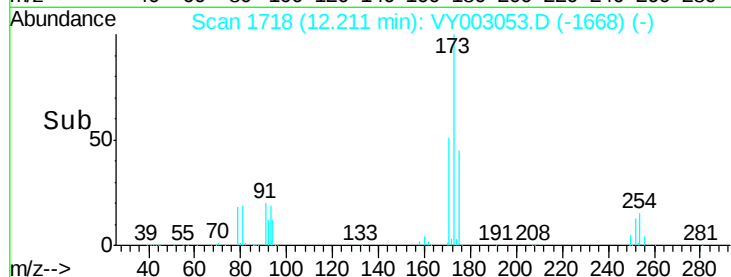
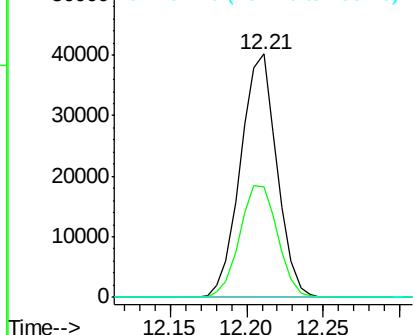
173 100

175 47.9 24.6 73.6

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

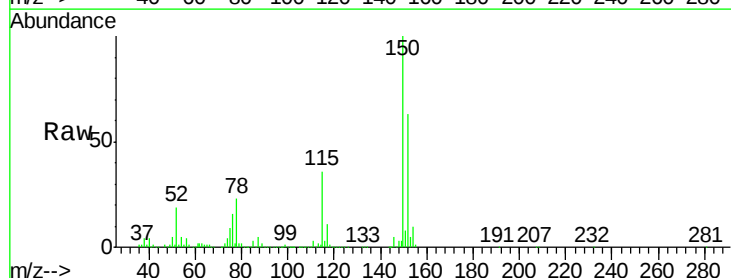
Tgt Ion:152 Resp: 312036

Ion Ratio Lower Upper

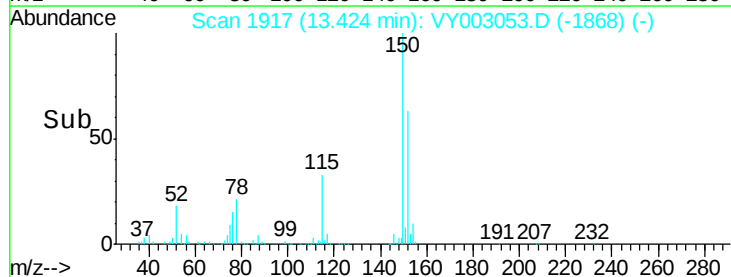
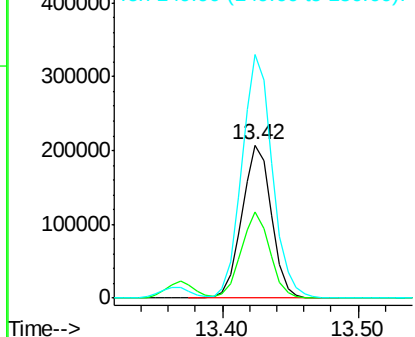
152 100

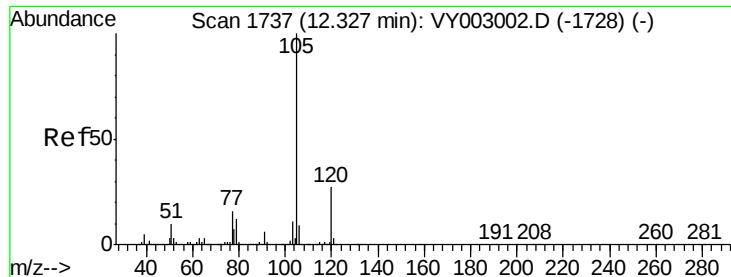
115 55.2 27.3 81.9

150 164.5 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.958 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

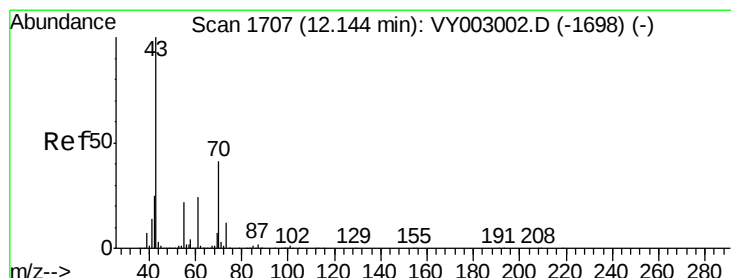
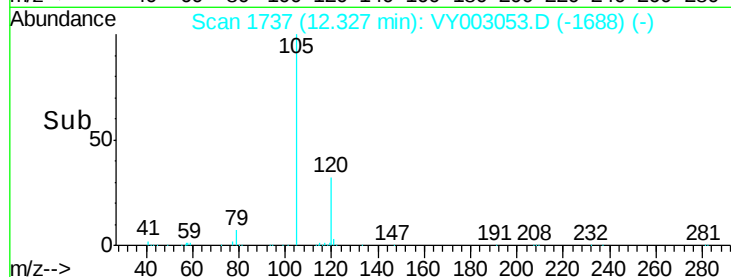
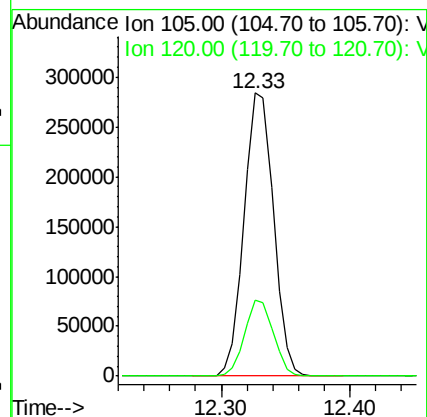
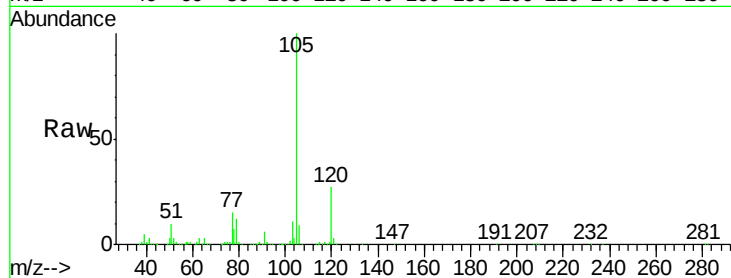
VY0701SBS01

Tgt Ion: 105 Resp: 448421

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 20.120 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Tgt Ion: 43 Resp: 133763

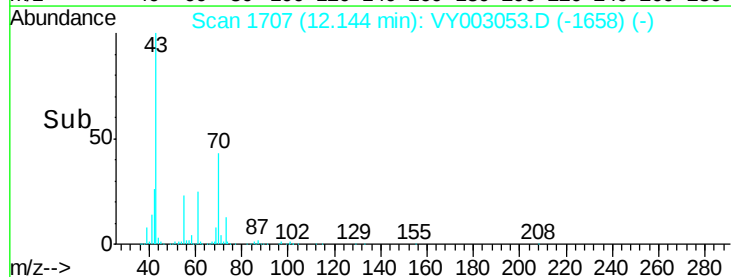
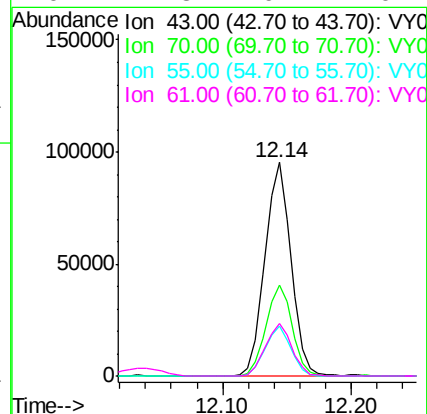
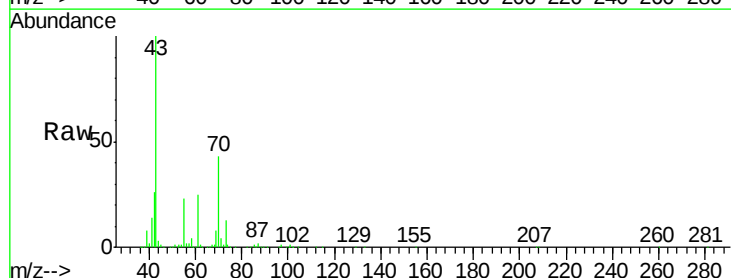
Ion Ratio Lower Upper

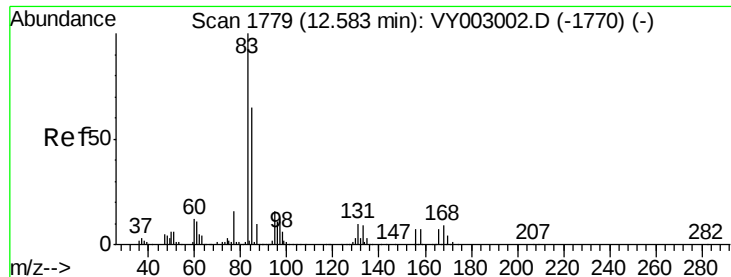
43 100

70 42.7 33.0 49.4

55 23.4 18.2 27.2

61 24.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.726 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

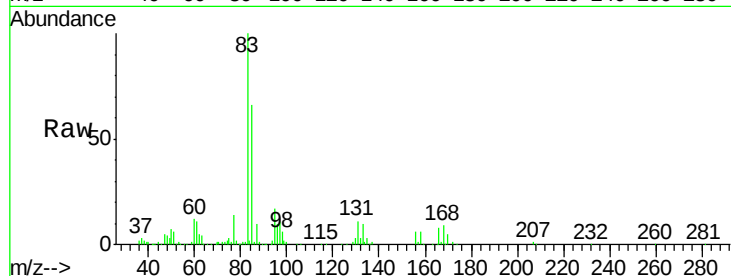
Tgt Ion: 83 Resp: 89535

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

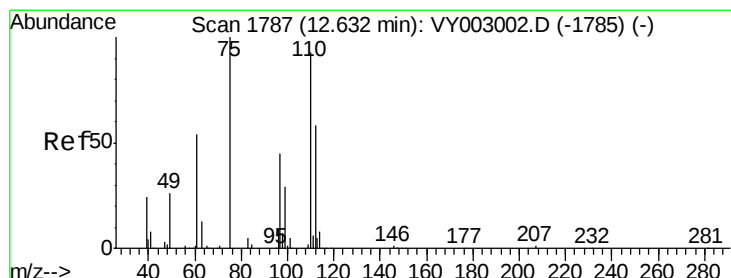
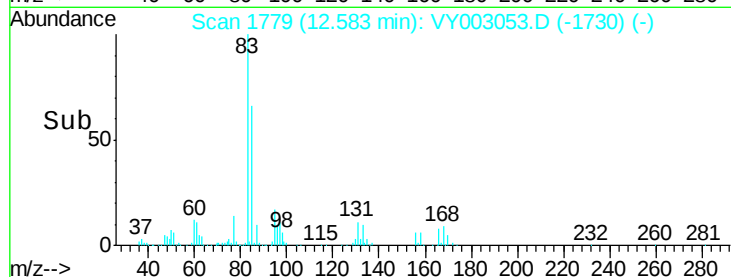
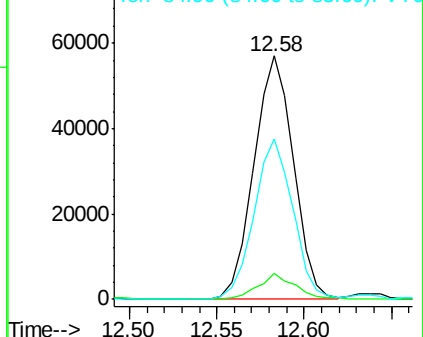
85 64.6 32.1 96.3



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: 39.585 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003053.D

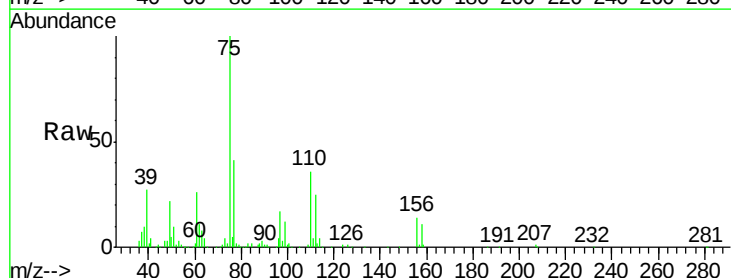
Acq: 01 Jul 2020 12:51

Tgt Ion: 75 Resp: 122247

Ion Ratio Lower Upper

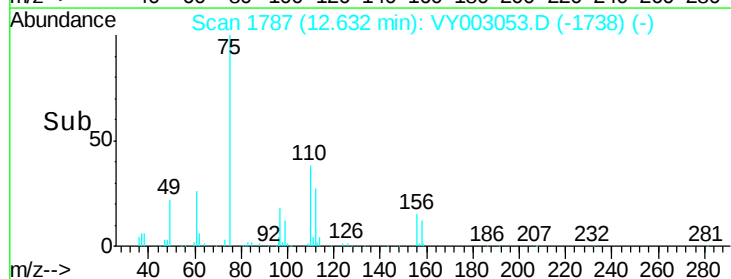
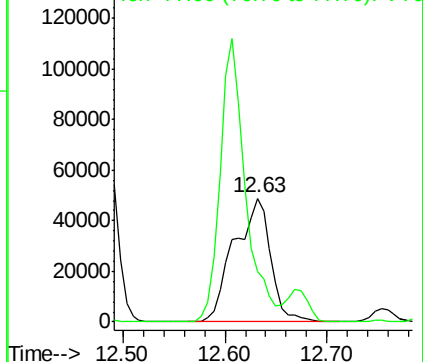
75 100

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: 21.404 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

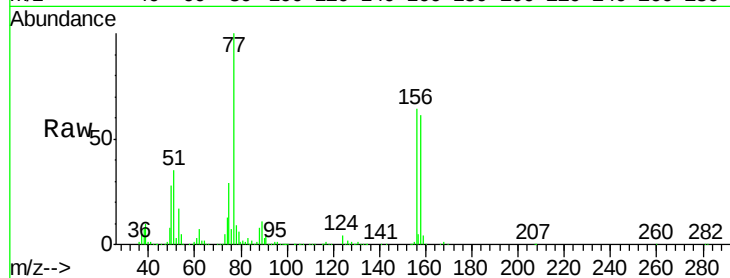
Tgt Ion:156 Resp: 112071

Ion Ratio Lower Upper

156 100

77 172.3 90.0 270.0

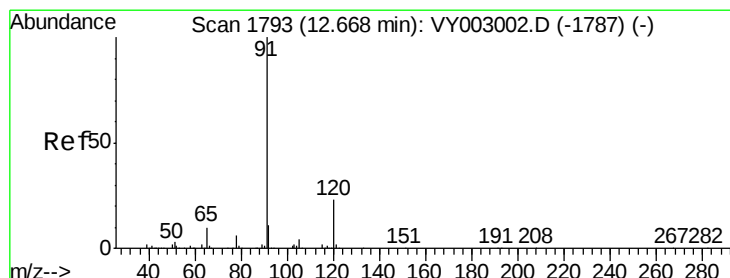
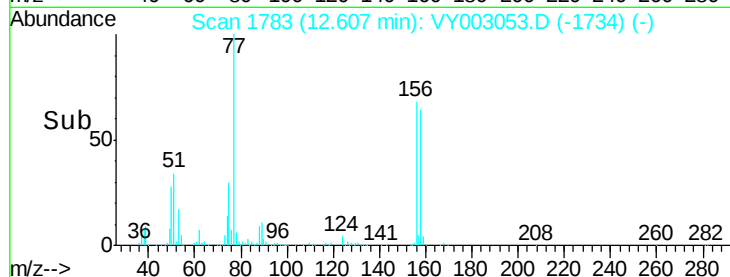
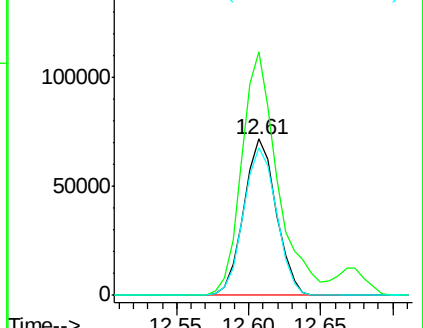
158 95.6 48.5 145.5



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: 20.904 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003053.D

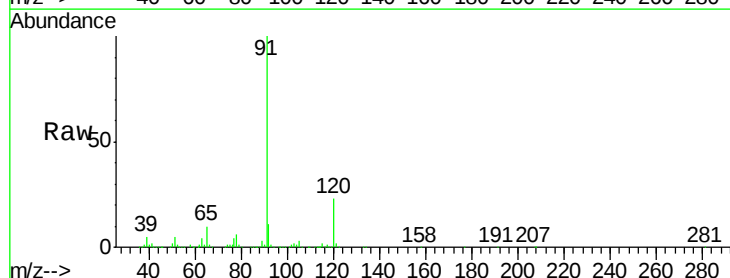
Acq: 01 Jul 2020 12:51

Tgt Ion: 91 Resp: 513400

Ion Ratio Lower Upper

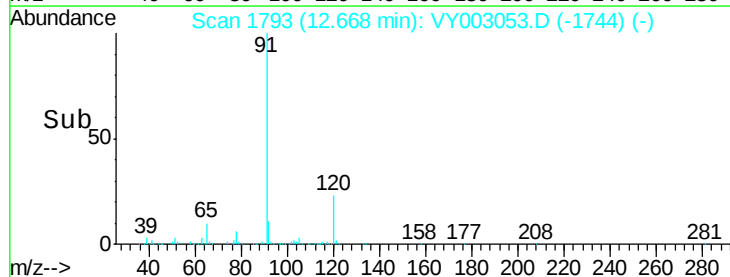
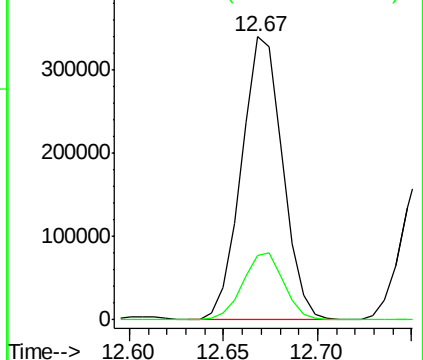
91 100

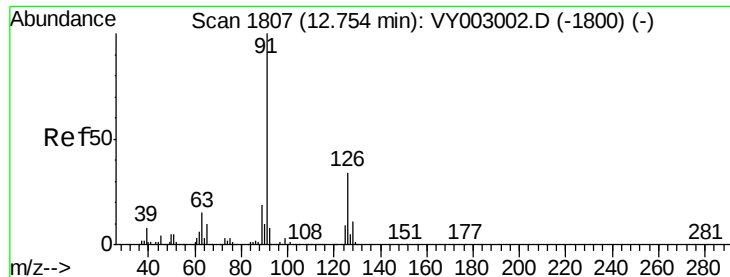
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

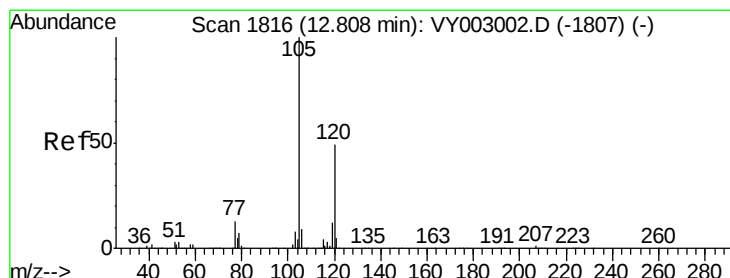
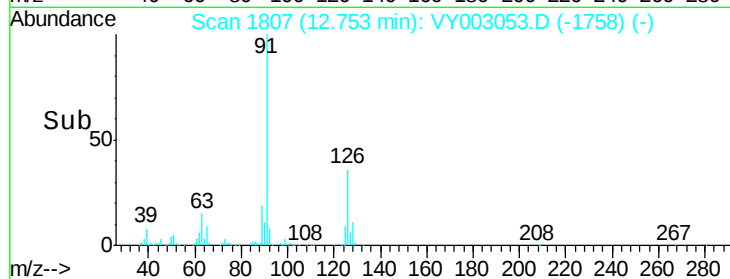
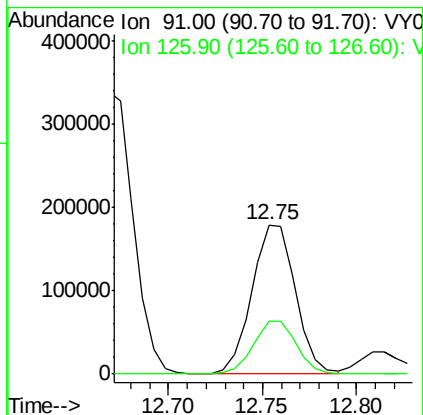
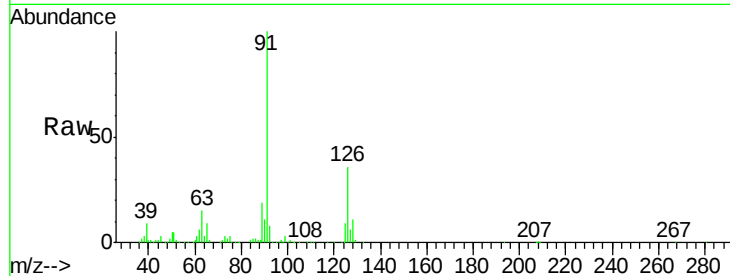




#79
 2-Chlorotoluene
 Concen: 20.877 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

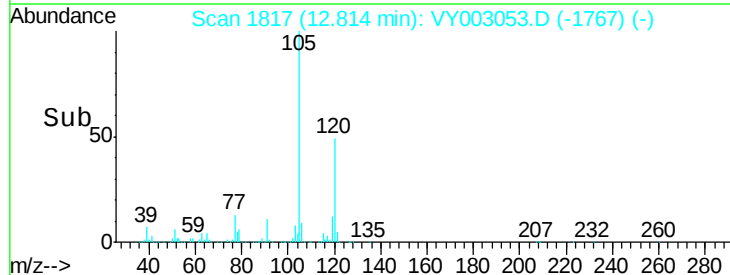
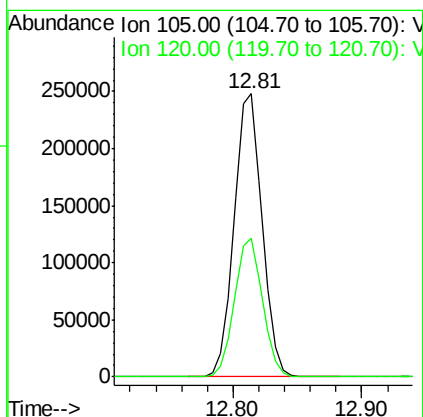
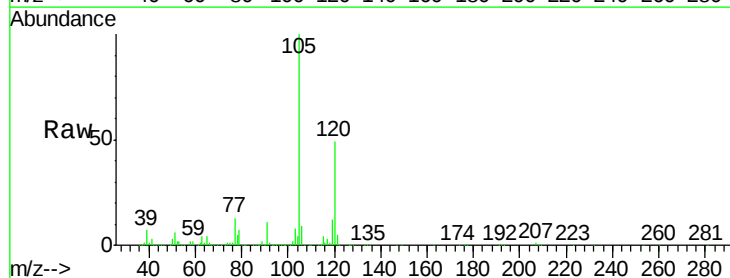
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

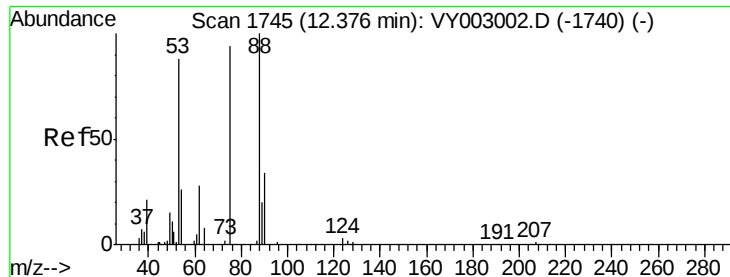
Tgt Ion: 91 Resp: 286194
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.840 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion: 105 Resp: 374255
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.6

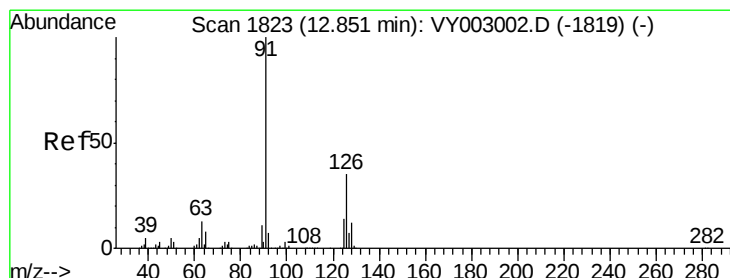
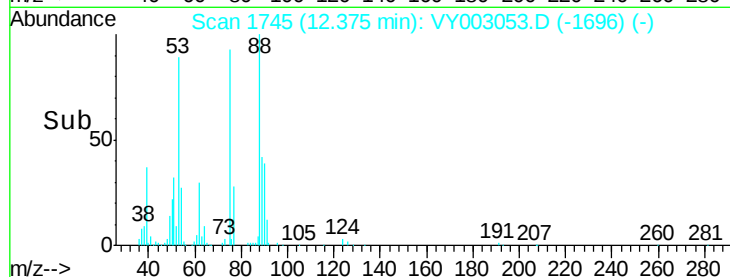
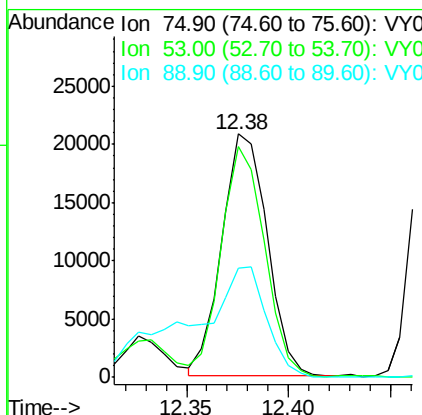
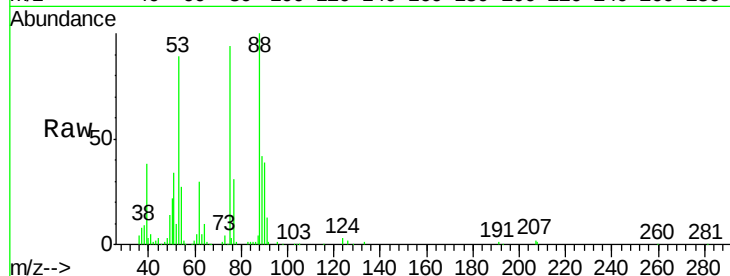




#81
trans-1,4-Dichloro-2-butene
Concen: 20.103 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

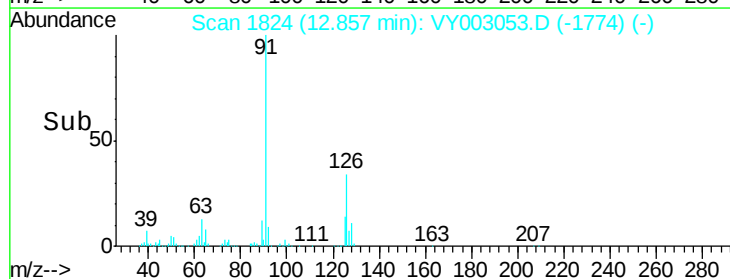
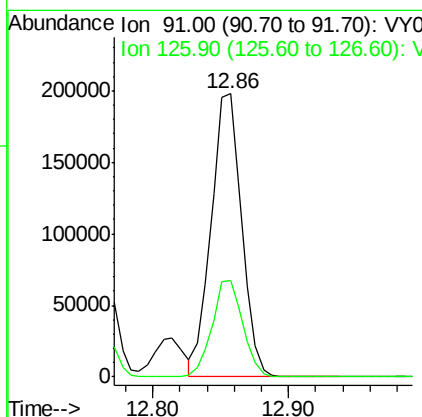
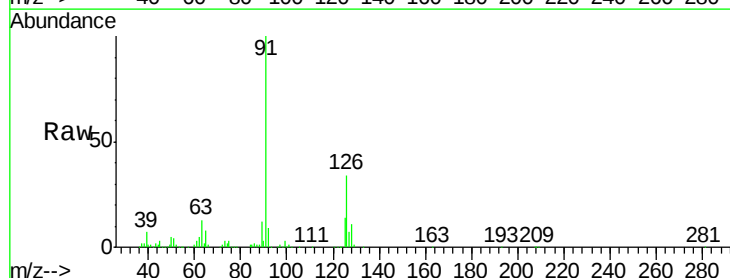
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

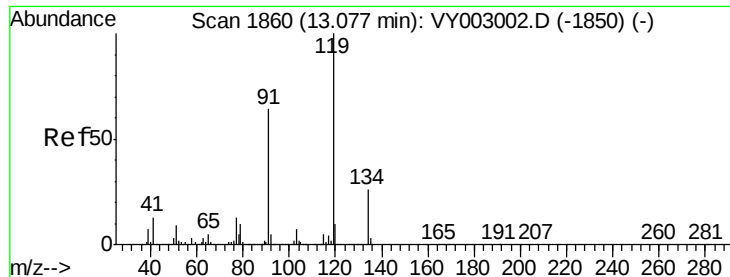
Tgt Ion: 75 Resp: 31910
Ion Ratio Lower Upper
75 100
53 91.8 73.9 110.9
89 80.8 37.5 56.3#



#82
4-Chlorotoluene
Concen: 21.514 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion: 91 Resp: 307067
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.3

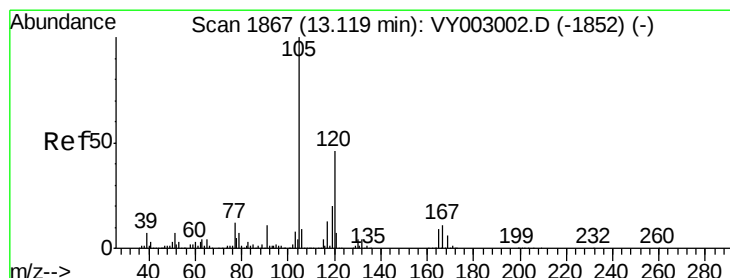
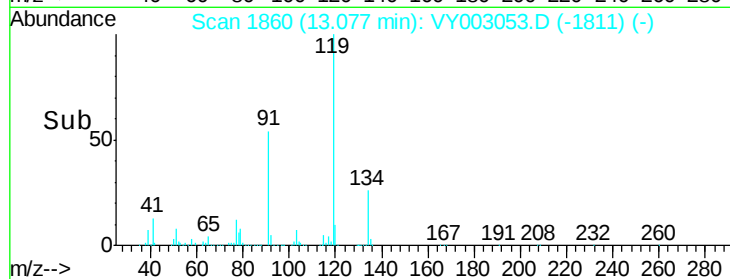
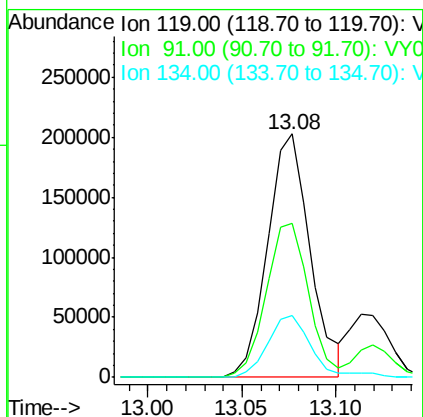
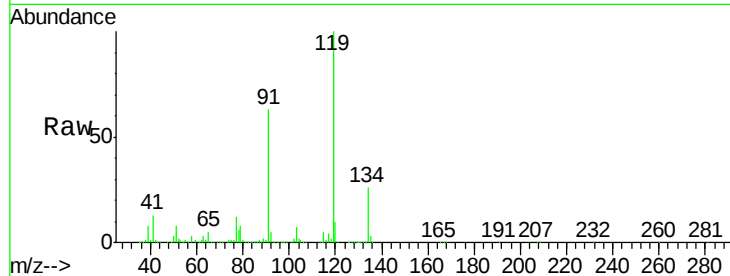




#83
tert-Butylbenzene
Concen: 21.152 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

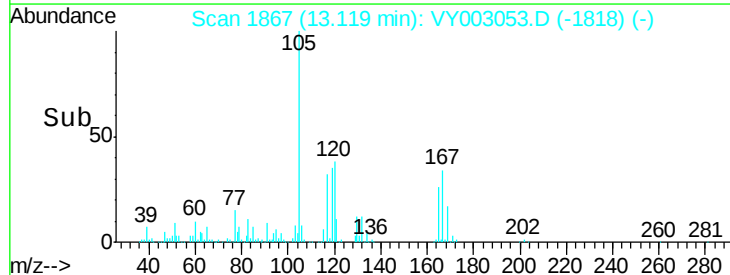
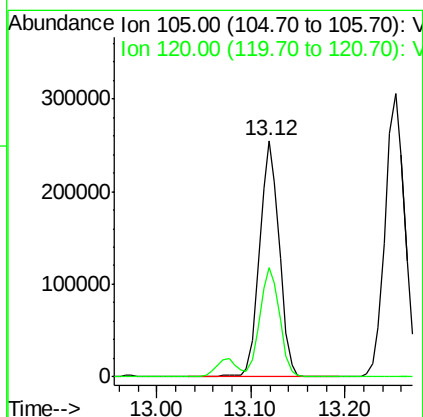
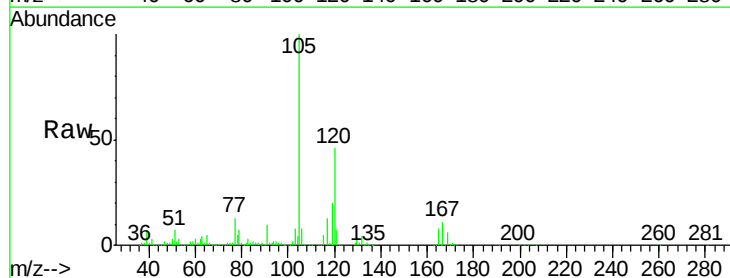
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

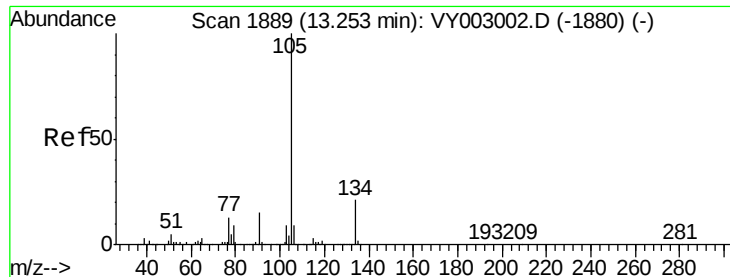
Tgt Ion:119 Resp: 318274
Ion Ratio Lower Upper
119 100
91 63.0 31.6 95.0
134 26.4 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 21.780 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003053.D
Acq: 01 Jul 2020 12:51

Tgt Ion:105 Resp: 376082
Ion Ratio Lower Upper
105 100
120 46.0 22.6 67.8

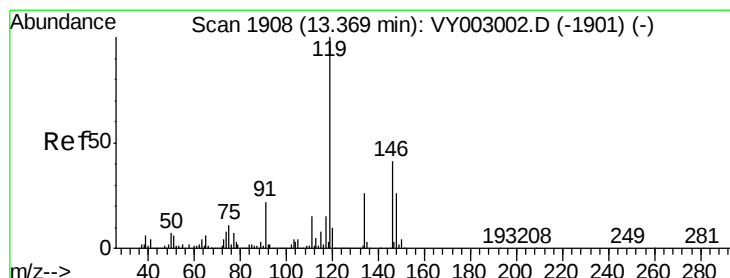
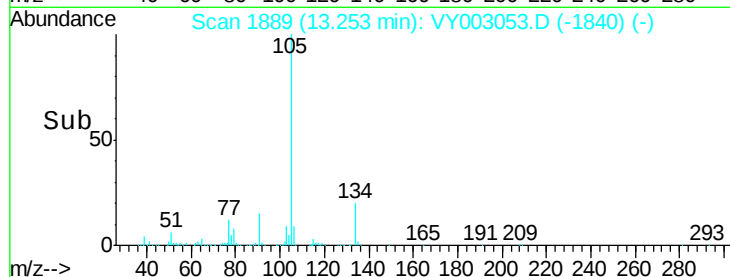
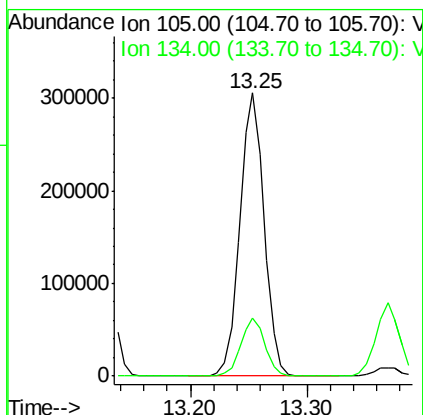
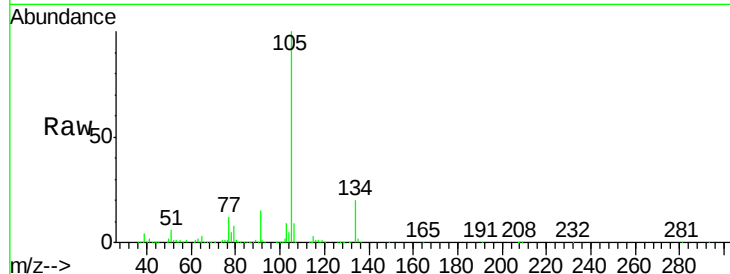




#85
 sec-Butylbenzene
 Concen: 21.319 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

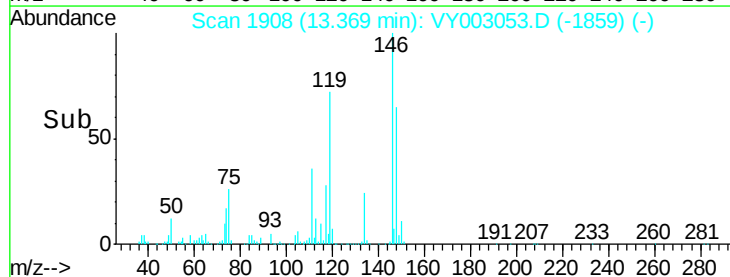
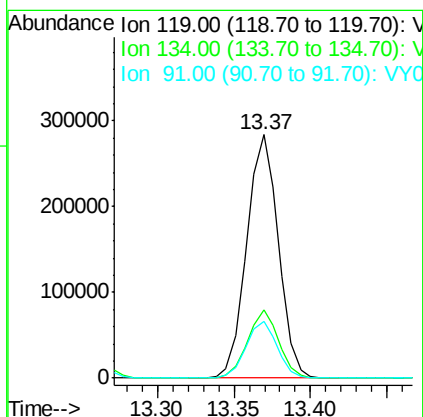
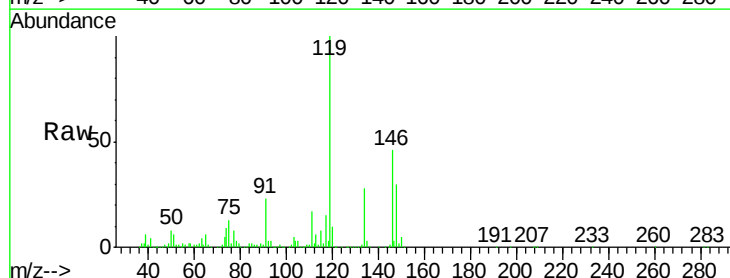
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

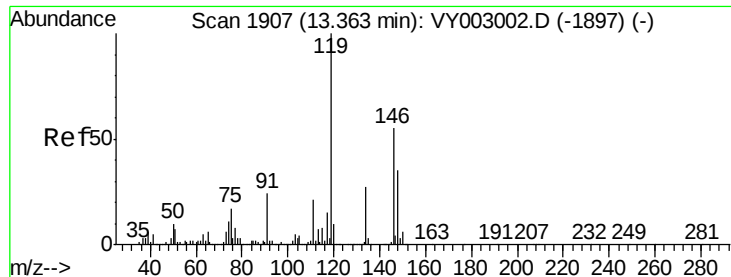
Tgt Ion:105 Resp: 442154
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 21.152 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion:119 Resp: 406507
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 23.0 11.5 34.5

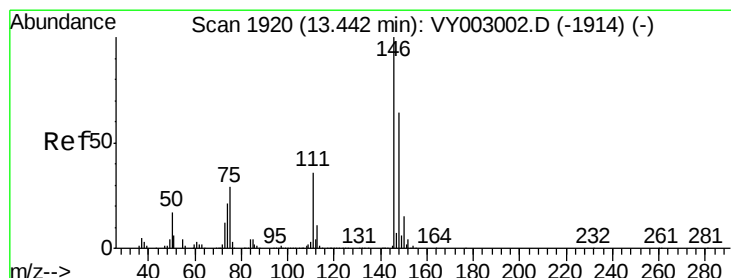
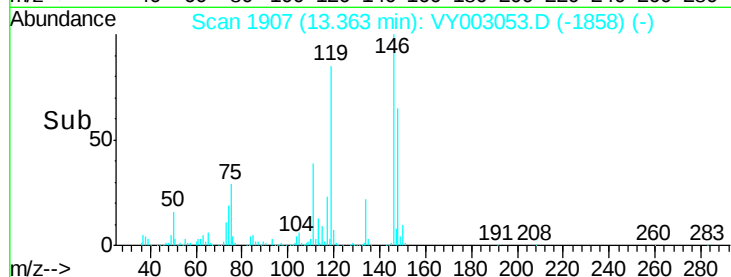
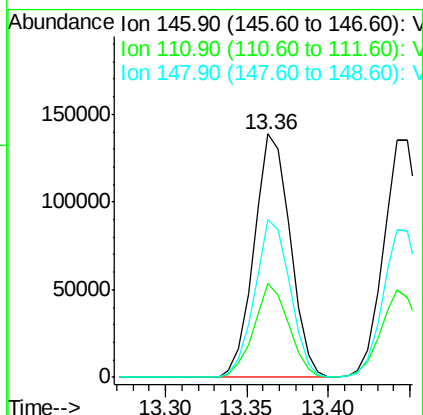
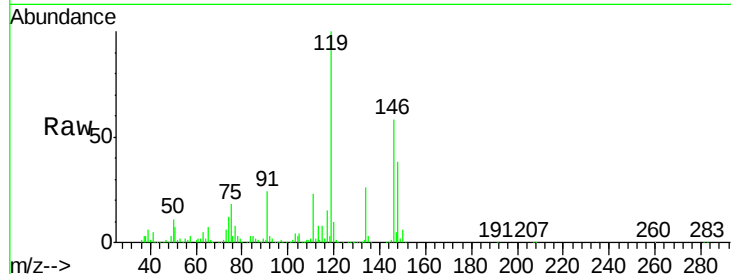




#87
 1,3-Dichlorobenzene
 Concen: 21.809 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

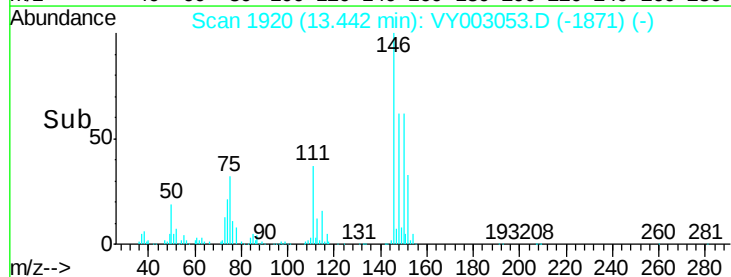
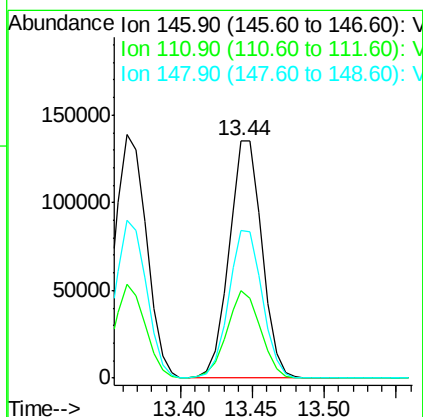
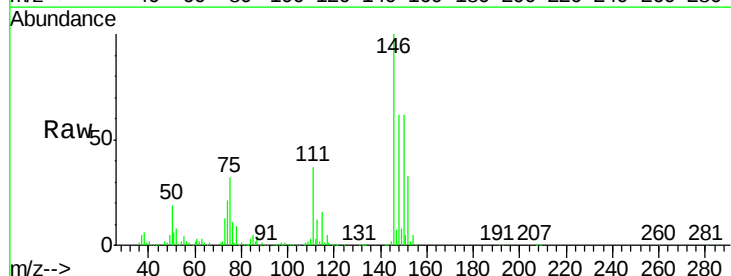
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

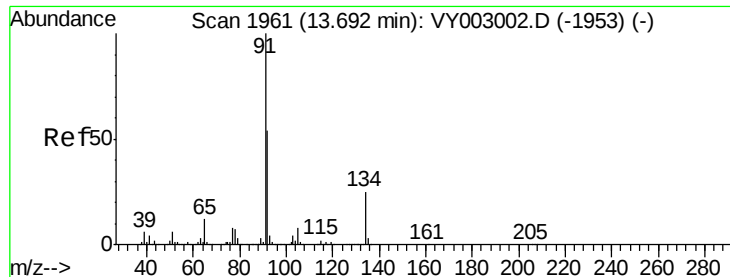
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	63.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 22.454 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.4
148	63.1	32.3	96.9





#89

n-Butylbenzene

Concen: 21.487 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

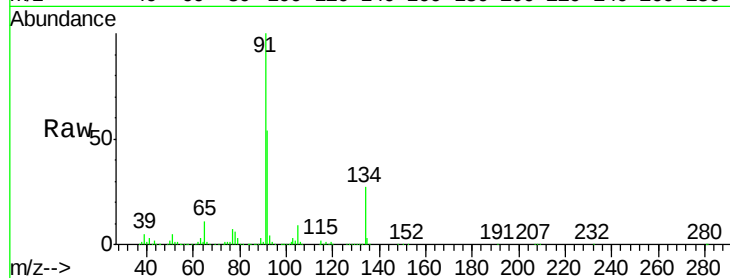
Tgt Ion: 91 Resp: 395090

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.3

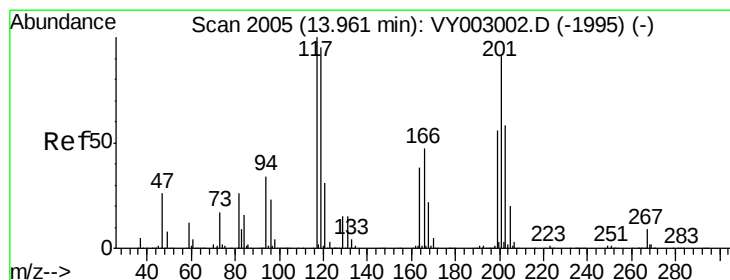
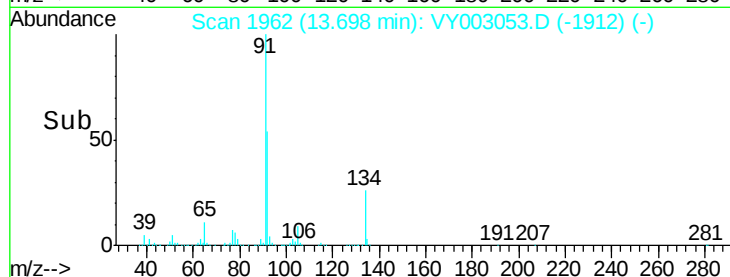
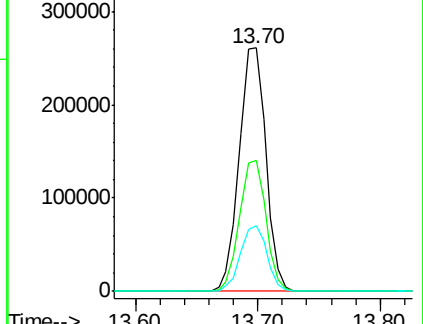
134 26.9 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003002.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003002.D (-1953) (-)



#90

Hexachloroethane

Concen: 20.783 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003053.D

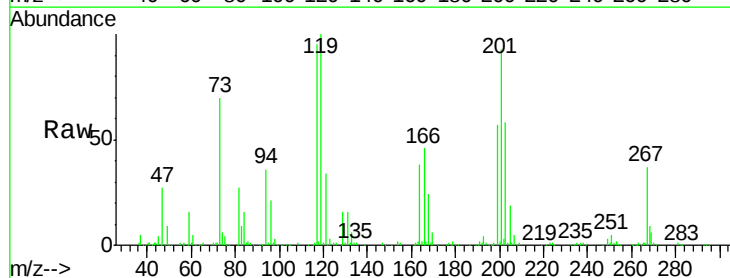
Acq: 01 Jul 2020 12:51

Tgt Ion: 117 Resp: 79313

Ion Ratio Lower Upper

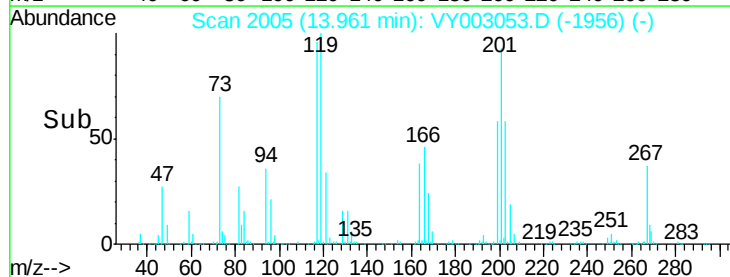
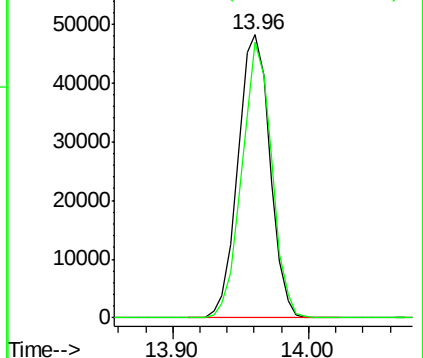
117 100

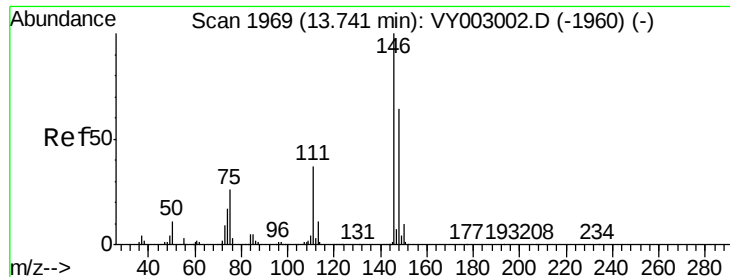
201 90.6 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): VY003002.D (-1995) (-)

Ion 200.70 (200.40 to 201.40): VY003002.D (-1995) (-)





#91

1,2-Dichlorobenzene

Concen: 22.183 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

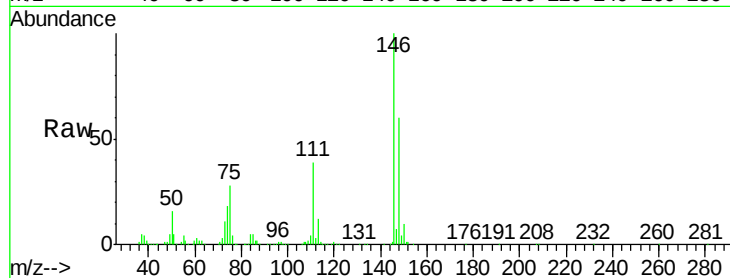
Tgt Ion:146 Resp: 194560

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.5

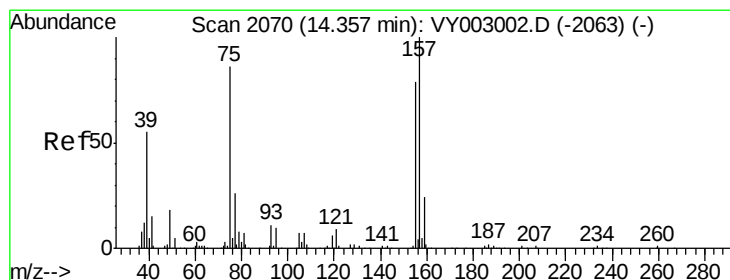
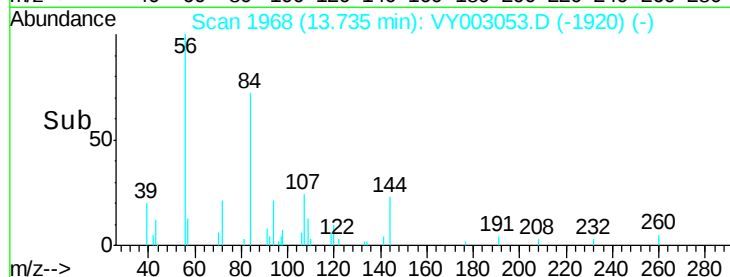
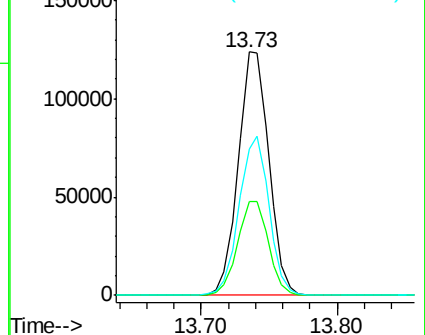
148 63.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.132 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

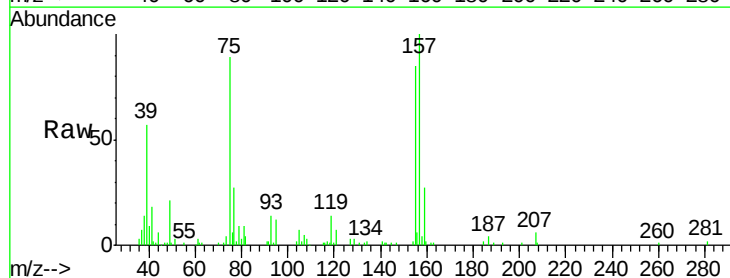
Tgt Ion: 75 Resp: 16146

Ion Ratio Lower Upper

75 100

155 93.4 46.5 139.3

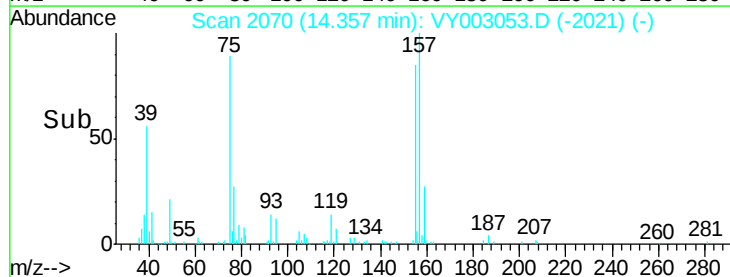
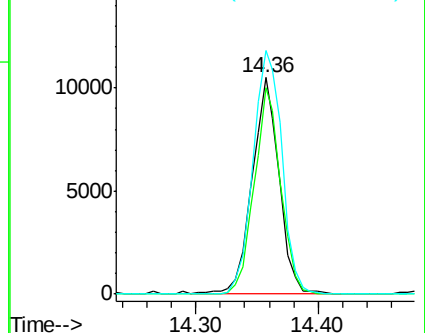
157 120.1 59.2 177.5

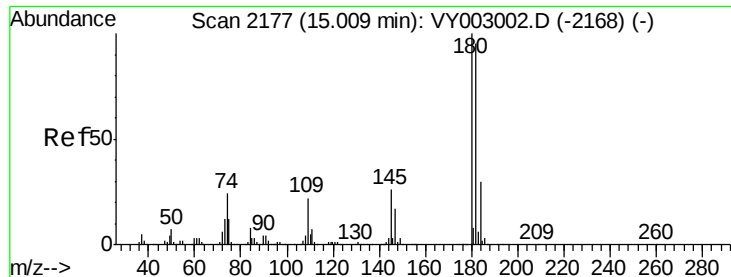


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

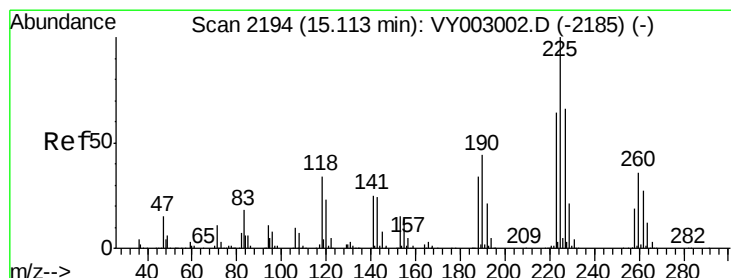
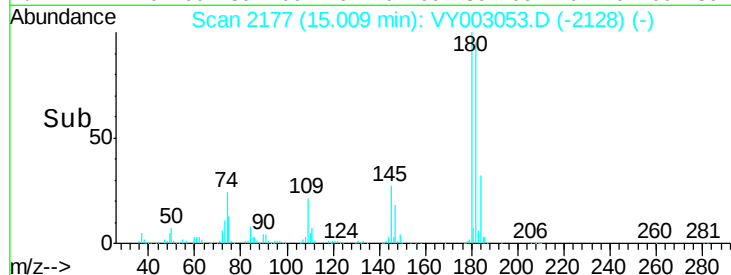
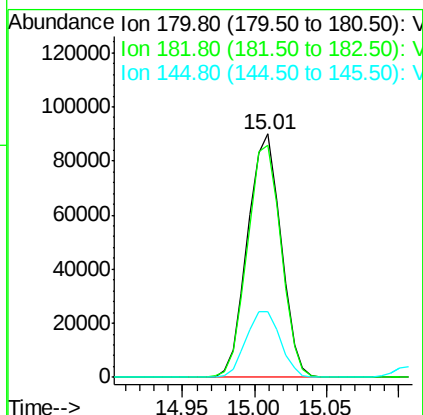
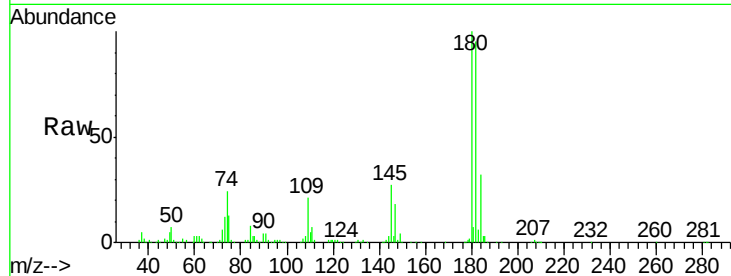




#93
 1,2,4-Trichlorobenzene
 Concen: 22.103 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

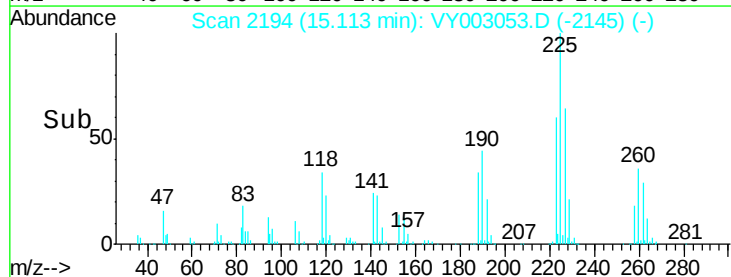
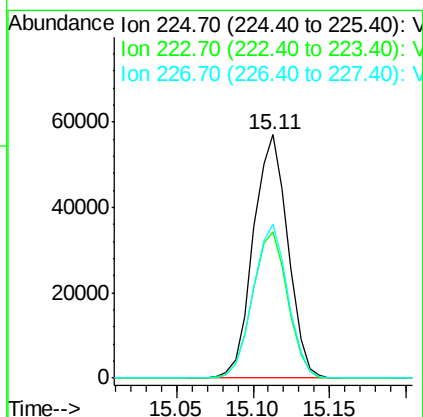
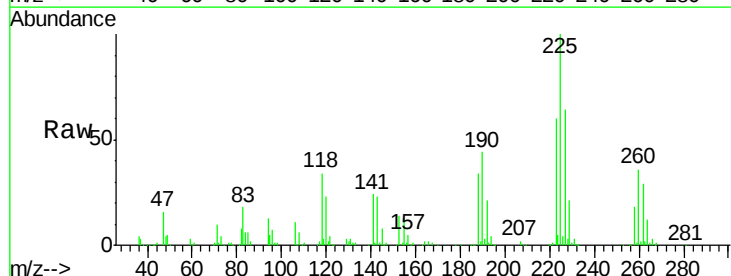
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

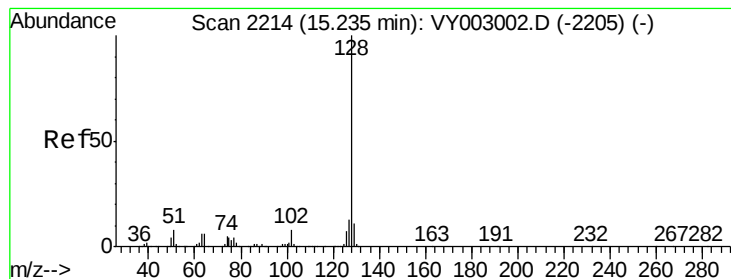
Tgt Ion:180 Resp: 144050
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.1 144.3
 145 28.1 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 21.833 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003053.D
 Acq: 01 Jul 2020 12:51

Tgt Ion:225 Resp: 89750
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.4 97.0
 227 63.4 32.4 97.2





#95

Naphthalene

Concen: 22.331 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

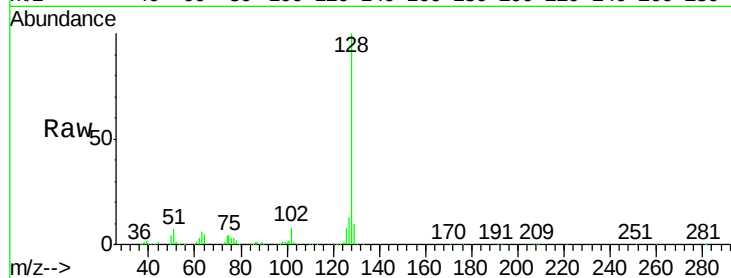
Tgt Ion:128 Resp: 265822

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

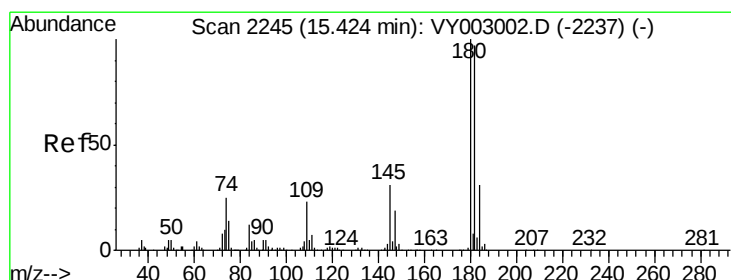
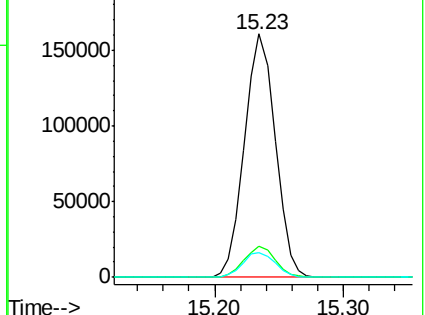
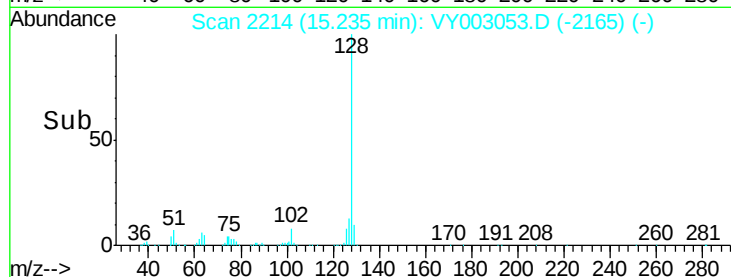
129 10.7 8.8 13.2



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: 22.035 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003053.D

Acq: 01 Jul 2020 12:51

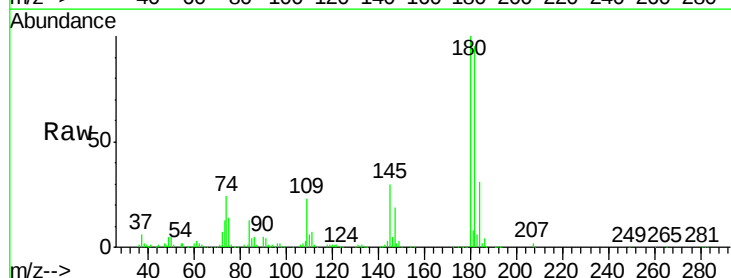
Tgt Ion:180 Resp: 124698

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.3

145 29.7 14.7 44.1



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

