

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003408.D
 Acq On : 03 Aug 2020 11:39
 Operator : SY/MD
 Sample : VY0803SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Quant Time: Aug 04 01:29:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	472759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	695450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	637491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	341578	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	233692	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	7.72	113	216000	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
50) Toluene-d8	10.18	98	853569	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.48	95	290092	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	85556	22.101	ug/l	97
3) Chloromethane	2.12	50	108111	20.391	ug/l	96
4) Vinyl Chloride	2.25	62	111150	20.884	ug/l	99
5) Bromomethane	2.64	94	87454	22.243	ug/l	97
6) Chloroethane	2.79	64	69171	20.719	ug/l	95
7) Trichlorofluoromethane	3.13	101	151629	21.098	ug/l	100
8) Diethyl Ether	3.53	74	52131	20.831	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	91340	21.277	ug/l	99
10) Methyl Iodide	4.09	142	88600	17.778	ug/l	99
11) Tert butyl alcohol	4.96	59	47181	102.312	ug/l	98
12) 1,1-Dichloroethene	3.88	96	87182	20.935	ug/l	97
13) Acrolein	3.73	56	45024	95.169	ug/l	97
14) Allyl chloride	4.48	41	146149	20.953	ug/l	98
15) Acrylonitrile	5.17	53	127080	102.346	ug/l	98
16) Acetone	3.96	43	102801	92.561	ug/l	99
17) Carbon Disulfide	4.20	76	284722	20.973	ug/l	100
18) Methyl Acetate	4.48	43	57388	19.585	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	236996	20.587	ug/l	99
20) Methylene Chloride	4.72	84	124852	16.436	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	98072	20.832	ug/l	99
22) Diisopropyl ether	6.13	45	309120	21.094	ug/l	98
23) Vinyl Acetate	6.07	43	986613	102.770	ug/l	100
24) 1,1-Dichloroethane	6.02	63	170286	20.736	ug/l	99
25) 2-Butanone	6.99	43	164655	97.285	ug/l	98
26) 2,2-Dichloropropane	6.99	77	153081	20.891	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	106077	20.506	ug/l	100
28) Bromochloromethane	7.34	49	71492	22.380	ug/l	100
29) Tetrahydrofuran	7.35	42	110700	100.248	ug/l	99
30) Chloroform	7.51	83	171097	21.005	ug/l	96
31) Cyclohexane	7.79	56	165842	20.814	ug/l	93
32) 1,1,1-Trichloroethane	7.70	97	152778	20.558	ug/l	97
36) 1,1-Dichloropropene	7.92	75	137807	20.940	ug/l	99
37) Ethyl Acetate	7.08	43	74193	19.826	ug/l	99
38) Carbon Tetrachloride	7.90	117	142037	20.974	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	168896	21.033	ug/l	95
40) Benzene	8.16	78	380611	20.844	ug/l	98
41) Methacrylonitrile	7.35	41	104029	48.492	ug/l #	46
42) 1,2-Dichloroethane	8.24	62	114659	20.617	ug/l	99
43) Isopropyl Acetate	8.27	43	139884	19.805	ug/l	100
44) Trichloroethene	8.94	130	110529	21.047	ug/l	96
45) 1,2-Dichloropropane	9.22	63	100021	20.917	ug/l	99
46) Dibromomethane	9.31	93	55422	20.658	ug/l	99
47) Bromodichloromethane	9.50	83	134829	20.855	ug/l	99
48) Methyl methacrylate	9.29	41	63198	19.823	ug/l	97
49) 1,4-Dioxane	9.30	88	13297	382.934	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	369179	99.740	ug/l	99
52) Toluene	10.24	92	236599	20.660	ug/l	97
53) t-1,3-Dichloropropene	10.46	75	142448	20.760	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	162280	20.869	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	77453	20.582	ug/l	100
56) Ethyl methacrylate	10.51	69	105956	20.338	ug/l	98
57) 1,3-Dichloropropane	10.79	76	132635	20.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	259814	107.668	ug/l	100
59) 2-Hexanone	10.83	43	256528	99.446	ug/l	98
60) Dibromochloromethane	10.99	129	98230	20.785	ug/l	99
61) 1,2-Dibromoethane	11.09	107	73479	20.155	ug/l	99
64) Tetrachloroethene	10.72	164	112860	21.177	ug/l	98
65) Chlorobenzene	11.52	112	262930	21.018	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	100917	20.740	ug/l	99
67) Ethyl Benzene	11.59	91	472879	20.964	ug/l	99
68) m/p-Xylenes	11.70	106	357735	42.068	ug/l	98
69) o-Xylene	12.03	106	168552	21.174	ug/l	100
70) Styrene	12.04	104	289152	21.229	ug/l	99
71) Bromoform	12.20	173	65895	20.840	ug/l	99
73) Isopropylbenzene	12.33	105	461755	20.916	ug/l	100
74) N-amyl acetate	12.14	43	131039	20.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	86625	19.810	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	121936	39.737	ug/l #	100
77) Bromobenzene	12.61	156	117609	20.967	ug/l	98
78) n-propylbenzene	12.67	91	553557	20.951	ug/l	100
79) 2-Chlorotoluene	12.75	91	303157	20.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	392089	21.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	32469	20.012	ug/l	97
82) 4-Chlorotoluene	12.85	91	327374	21.490	ug/l	97
83) tert-Butylbenzene	13.07	119	334783	20.805	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	394438	21.173	ug/l	99
85) sec-Butylbenzene	13.25	105	475564	21.246	ug/l	100
86) p-Isopropyltoluene	13.37	119	438156	20.929	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	221922	20.712	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	219951	20.821	ug/l	99
89) n-Butylbenzene	13.69	91	419890	21.223	ug/l	100
90) Hexachloroethane	13.96	117	84676	21.114	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	198281	20.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14474	20.545	ug/l	96

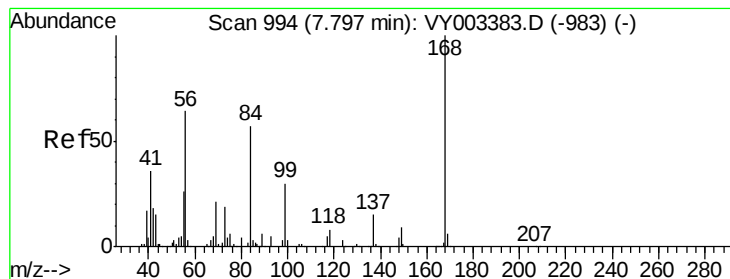
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003408.D
Acq On : 03 Aug 2020 11:39
Operator : SY/MD
Sample : VY0803SBSD01
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MSVOA_Y
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Quant Time: Aug 04 01:29:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	143079	21.347	ug/l	99
94) Hexachlorobutadiene	15.11	225	95537	21.523	ug/l	99
95) Naphthalene	15.23	128	231900	20.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	116412	21.468	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: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

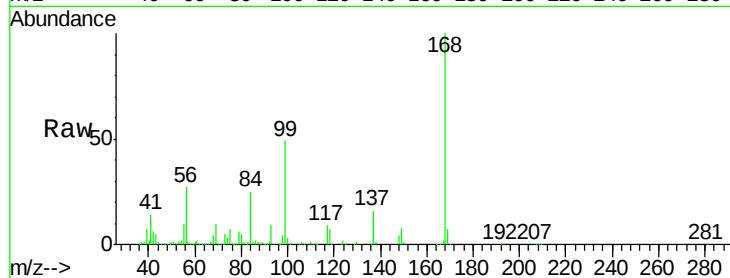
VY0803SBSD01

Tot Ion:168 Resp: 472759

Ion Ratio Lower Upper

168 100

99 48.7 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

250000

200000

150000

100000

50000

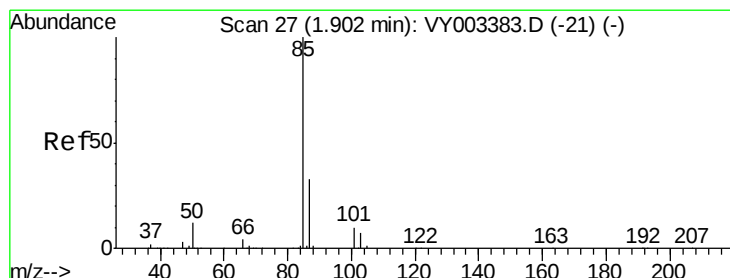
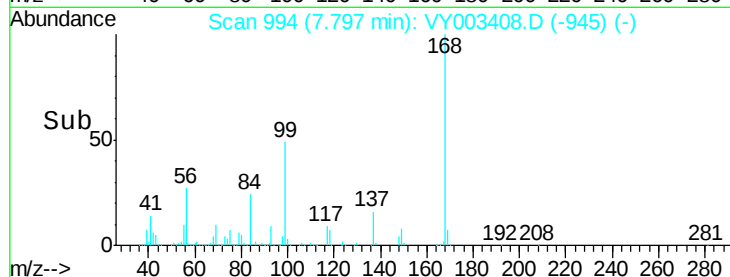
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.101 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003408.D

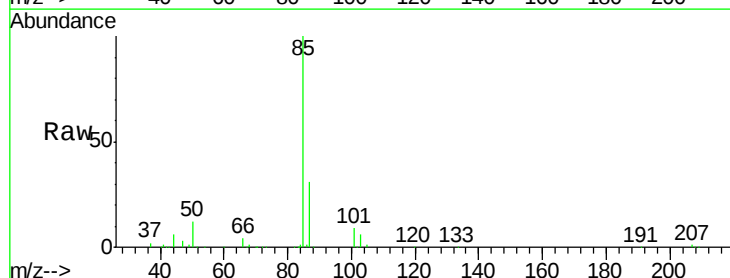
Acq: 03 Aug 2020 11:39

Tgt Ion: 85 Resp: 85556

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003383.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003383.D (-21) (-)

1.90

60000

50000

40000

30000

20000

10000

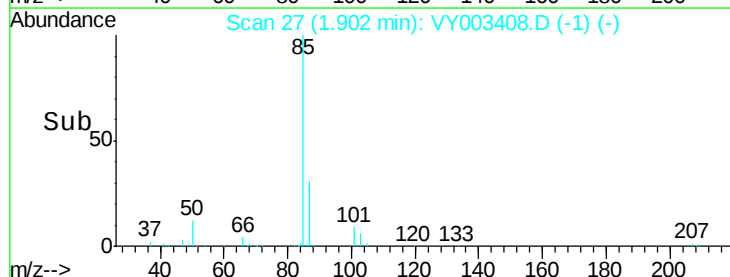
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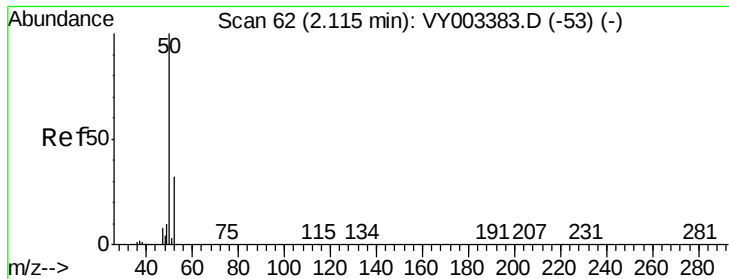
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 20.391 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

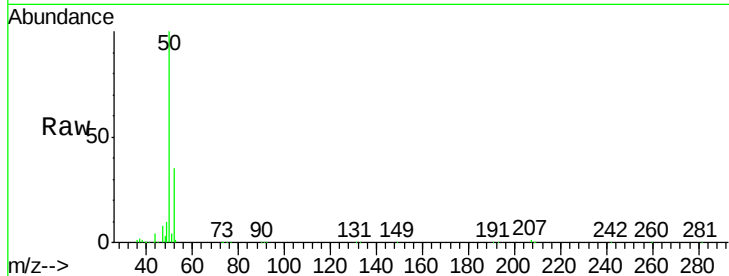
VY0803SBS01

Tot Ion: 50 Resp: 108111

Ion Ratio Lower Upper

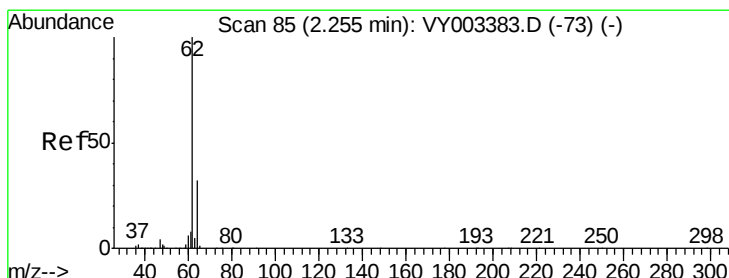
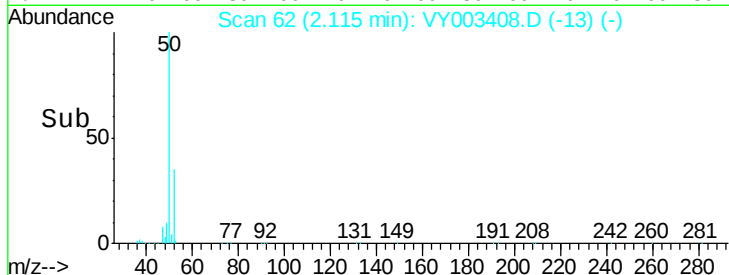
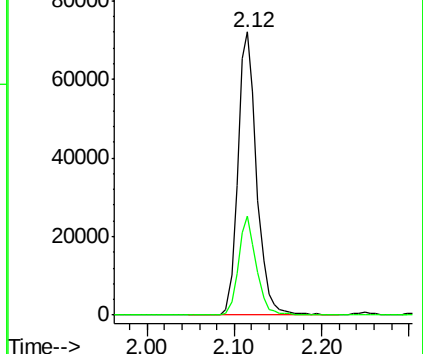
50 100

52 34.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.884 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003408.D

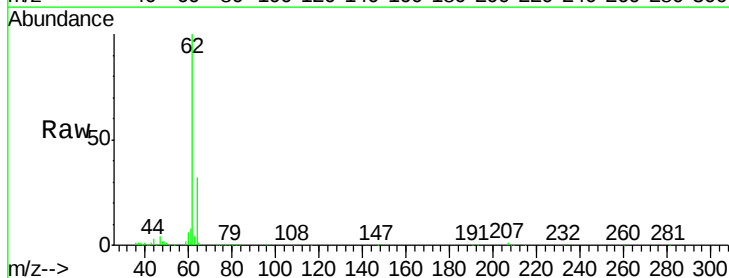
Acq: 03 Aug 2020 11:39

Tgt Ion: 62 Resp: 111150

Ion Ratio Lower Upper

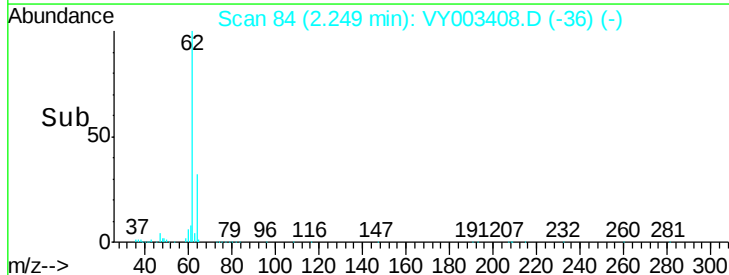
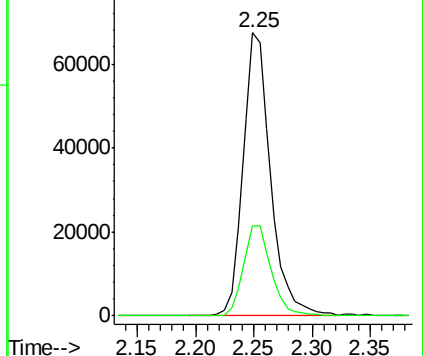
62 100

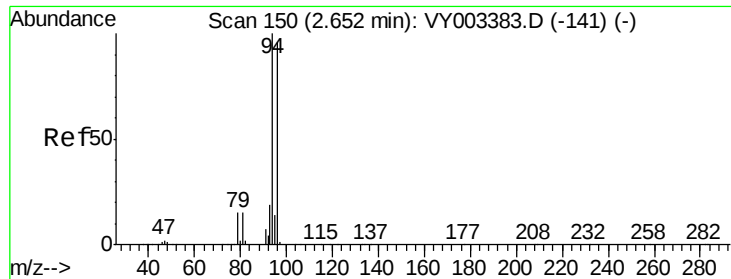
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.243 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

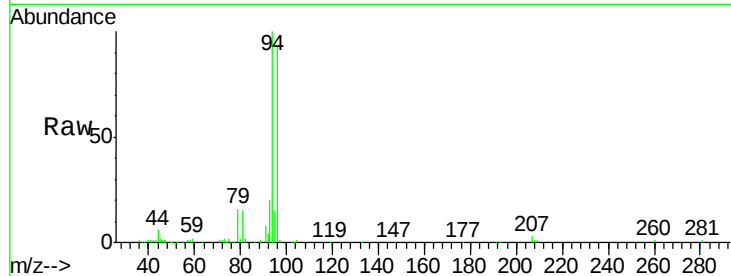
VY0803SBSD01

Tot Ion: 94 Resp: 87454

Ion Ratio Lower Upper

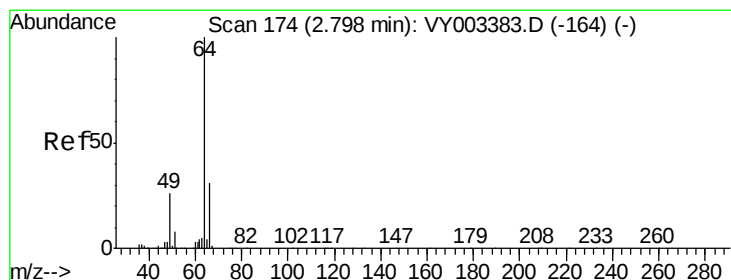
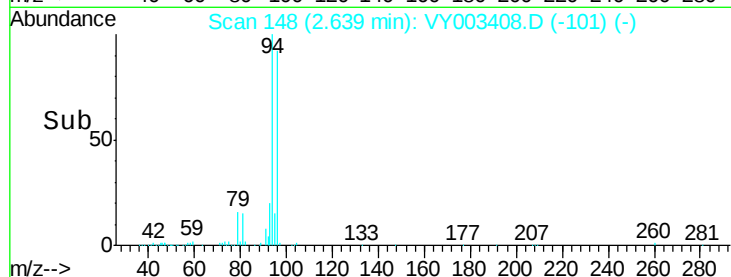
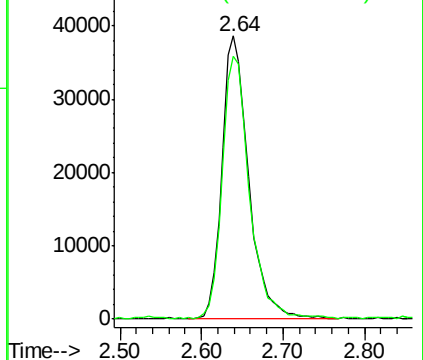
94 100

96 92.5 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.719 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003408.D

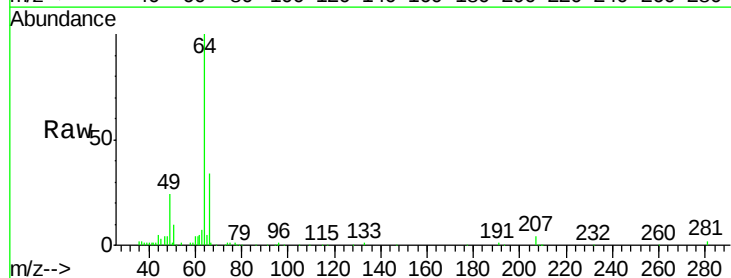
Acq: 03 Aug 2020 11:39

Tgt Ion: 64 Resp: 69171

Ion Ratio Lower Upper

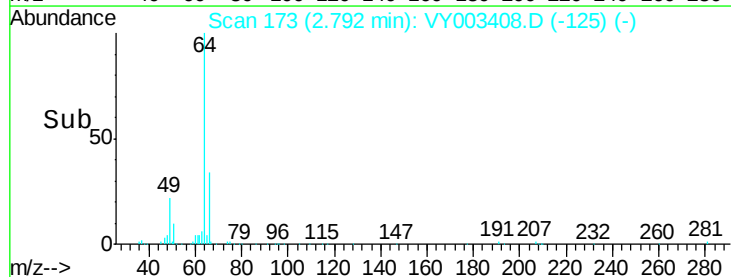
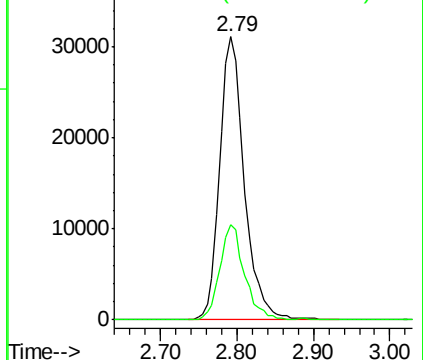
64 100

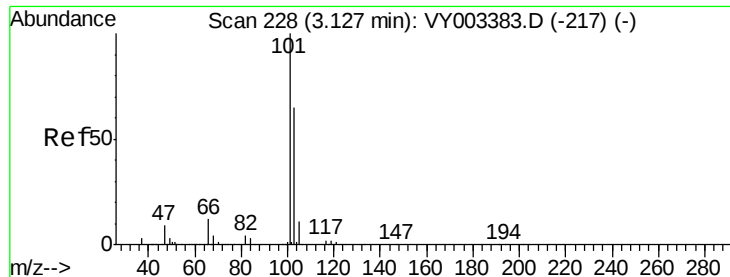
66 33.6 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



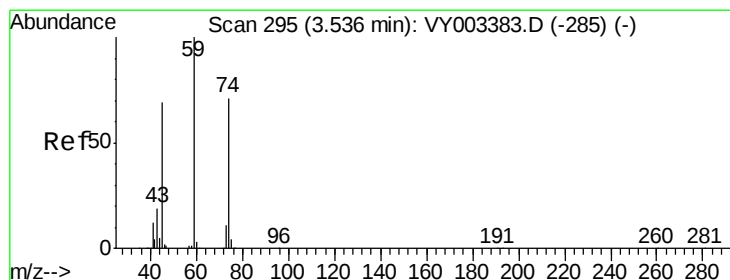
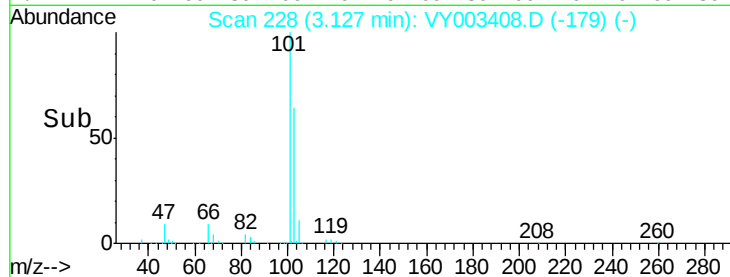
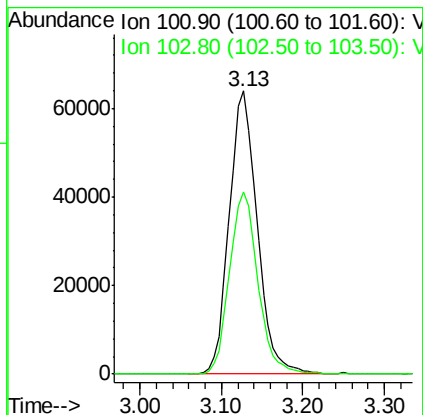
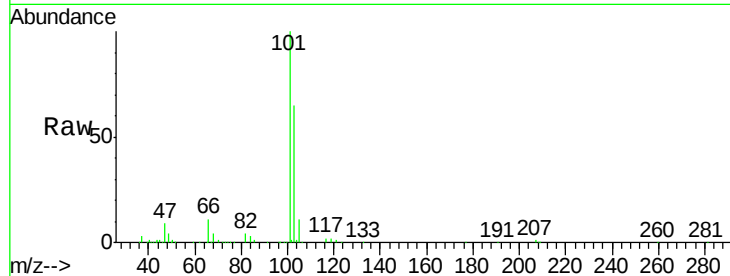


#7

Trichlorofluoromethane
 Concen: 21.098 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

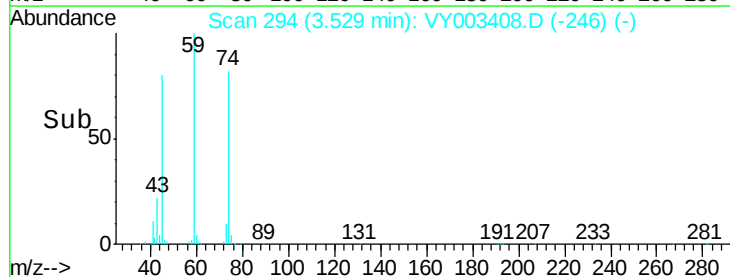
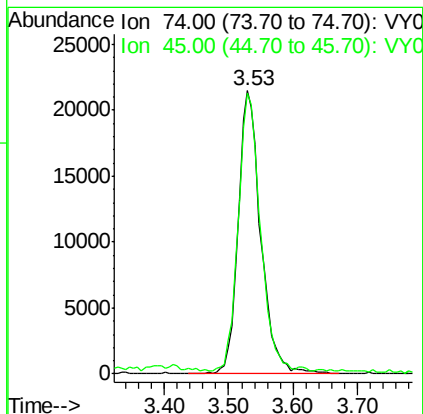
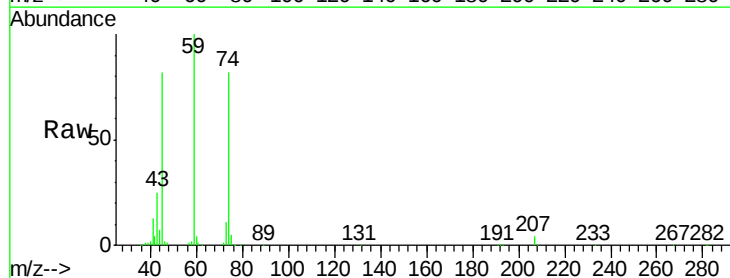
Tot Ion:101 Resp: 151629
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.8 77.6

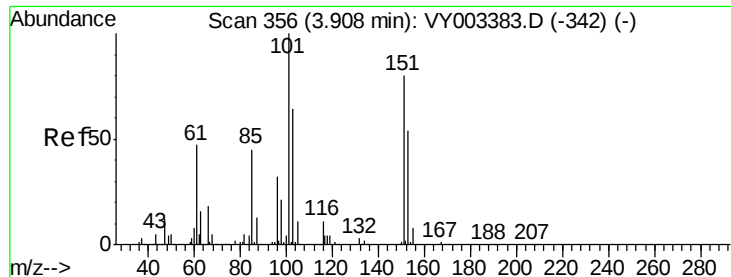


#8

Diethyl Ether
 Concen: 20.831 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion: 74 Resp: 52131
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.277 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBSD01

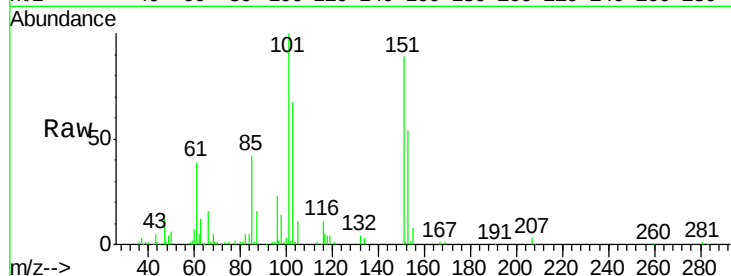
Tot Ion:101 Resp: 91340

Ion Ratio Lower Upper

101 100

85 43.2 35.7 53.5

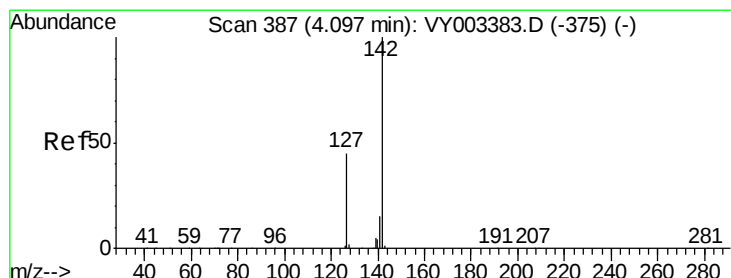
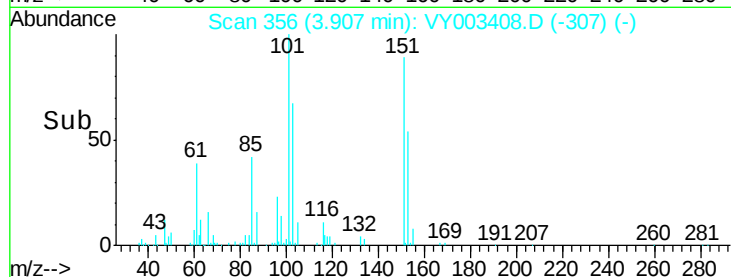
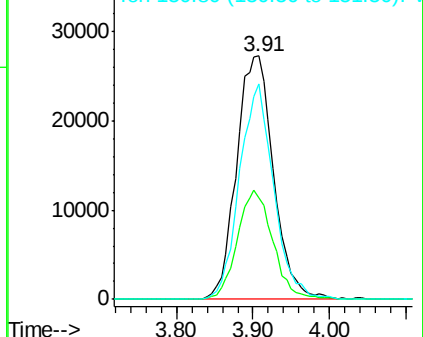
151 82.2 65.7 98.5



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: 17.778 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

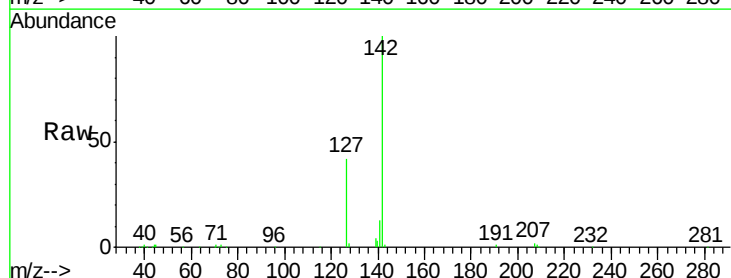
Tgt Ion:142 Resp: 88600

Ion Ratio Lower Upper

142 100

127 42.8 34.6 52.0

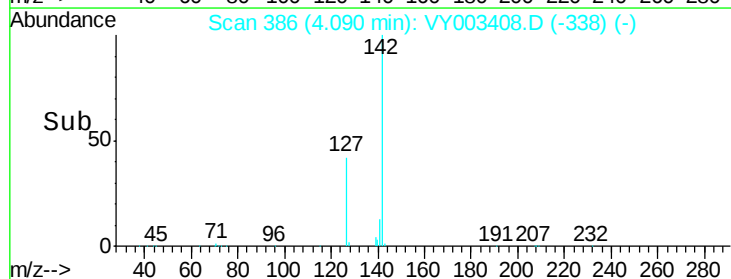
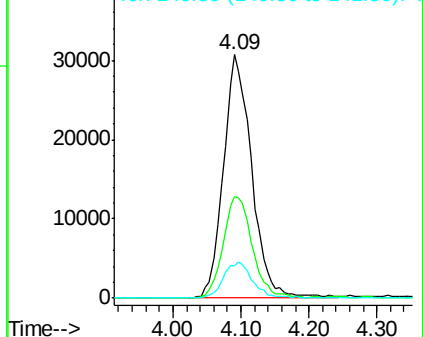
141 15.0 11.4 17.0

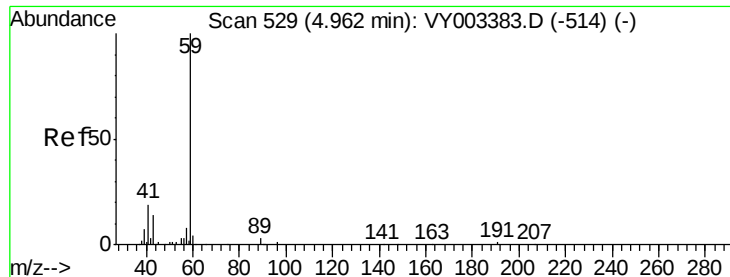


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



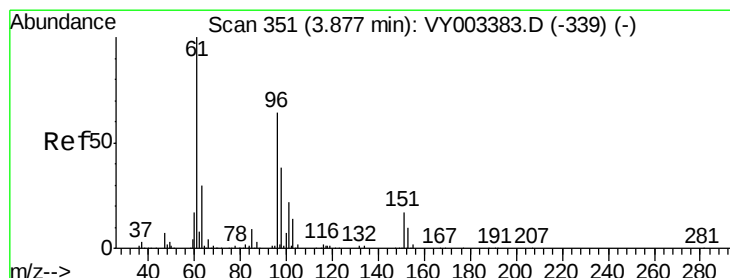
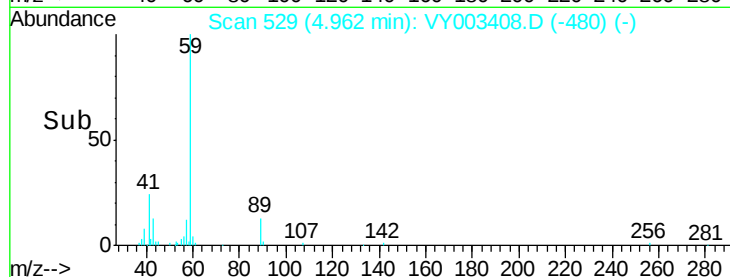
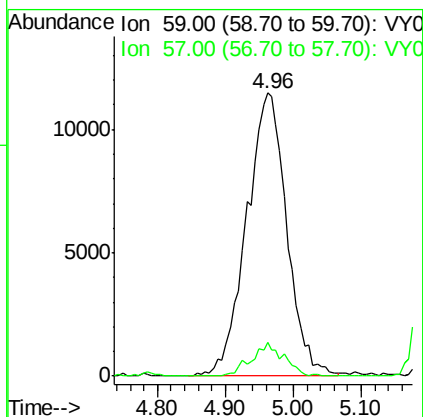
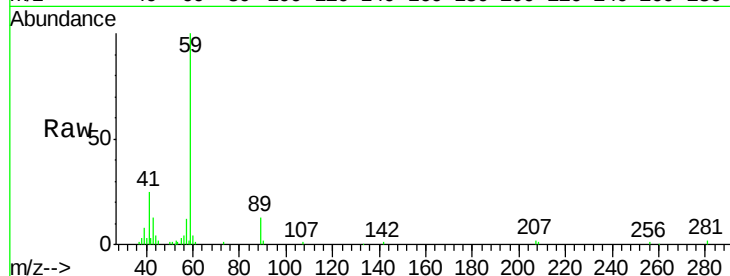


#11

Tert butyl alcohol
 Concen: 102.312 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

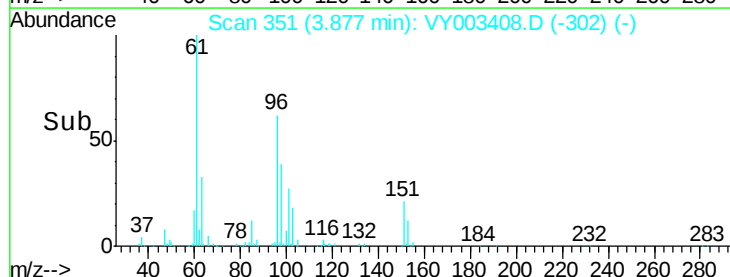
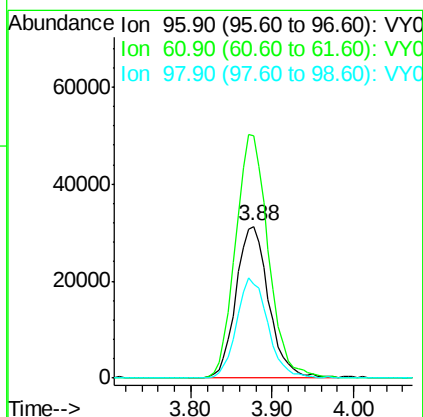
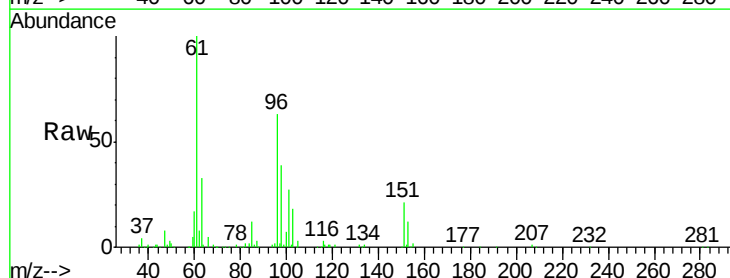
Tot Ion: 59 Resp: 47181
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.0 12.0

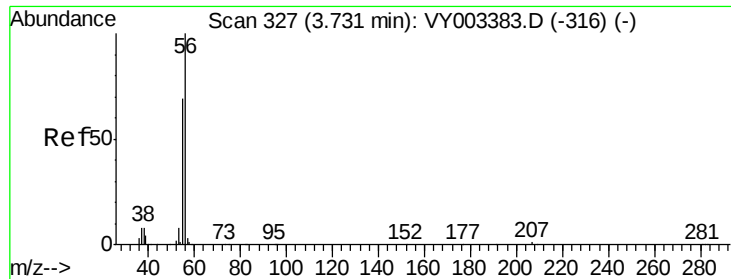


#12

1,1-Dichloroethene
 Concen: 20.935 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion: 96 Resp: 87182
 Ion Ratio Lower Upper
 96 100
 61 159.7 124.7 187.1
 98 62.3 47.4 71.2

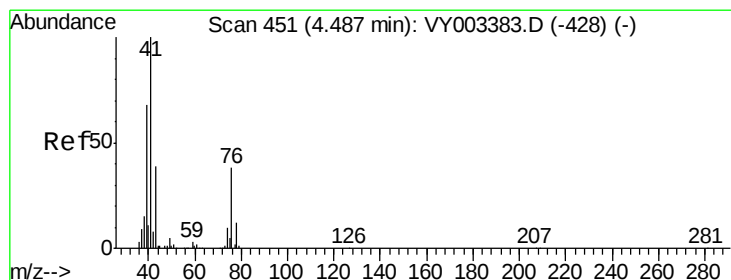
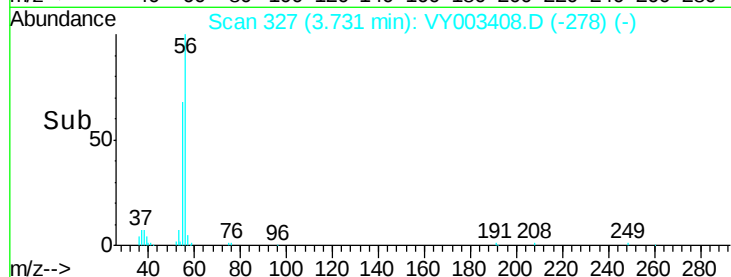
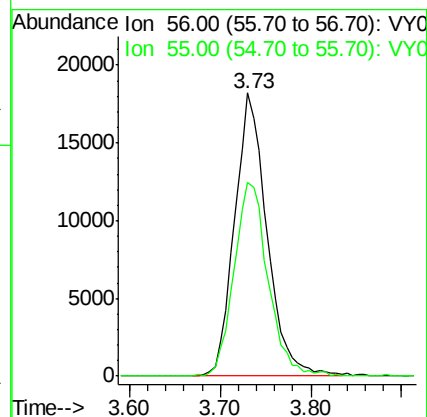
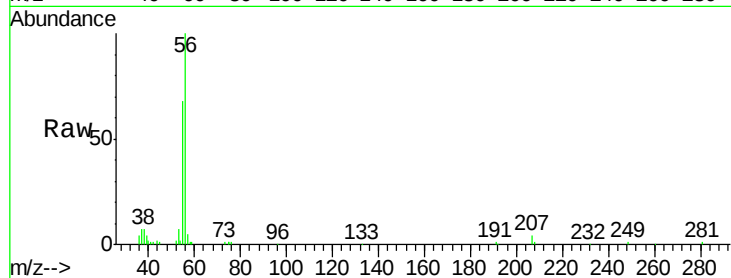




#13
Acrolein
Concen: 95.169 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

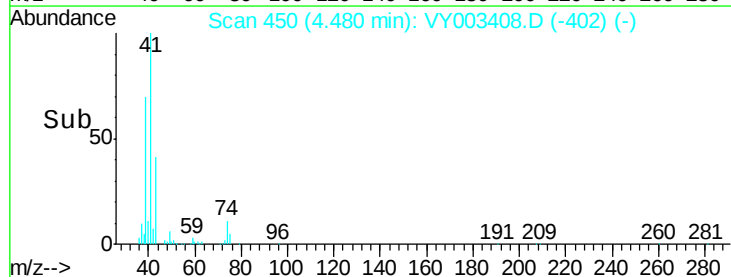
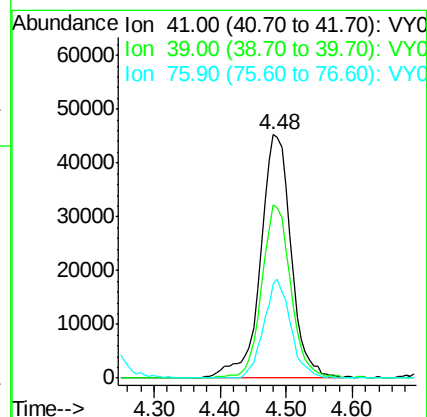
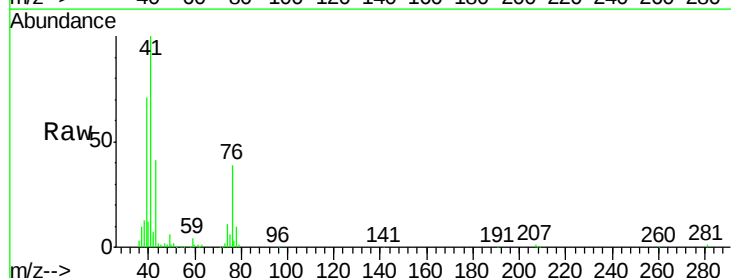
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

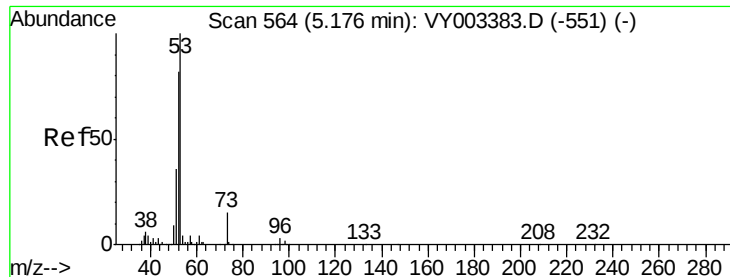
Tot Ion: 56 Resp: 45024
Ion Ratio Lower Upper
56 100
55 72.2 55.5 83.3



#14
Allyl chloride
Concen: 20.953 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion: 41 Resp: 146149
Ion Ratio Lower Upper
41 100
39 67.4 52.7 79.1
76 35.8 29.8 44.6





#15

Acrylonitrile

Concen: 102.346 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

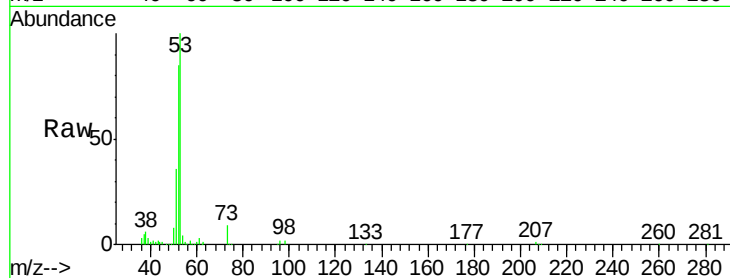
Tot Ion: 53 Resp: 127080

Ion Ratio Lower Upper

53 100

52 82.1 67.0 100.6

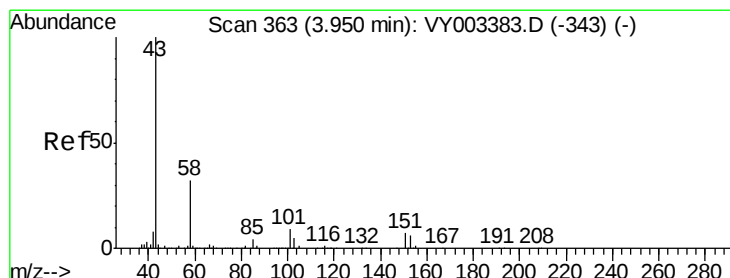
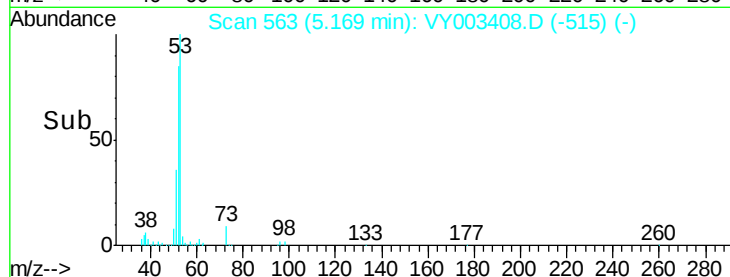
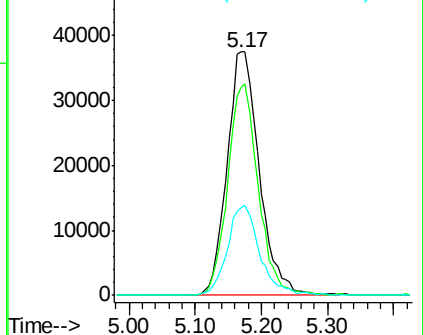
51 37.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 92.561 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003408.D

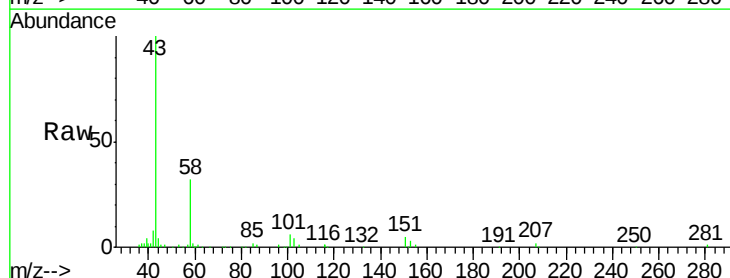
Acq: 03 Aug 2020 11:39

Tgt Ion: 43 Resp: 102801

Ion Ratio Lower Upper

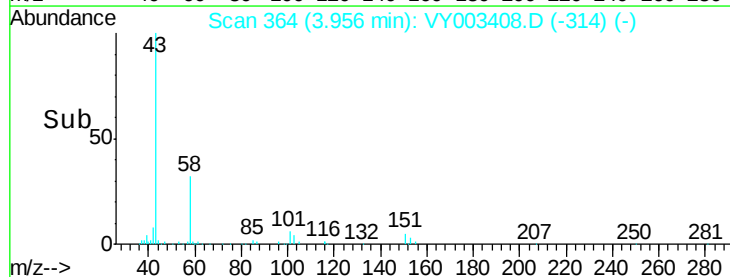
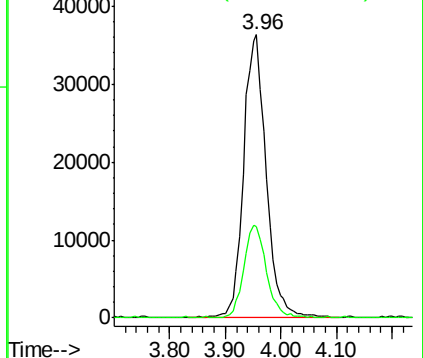
43 100

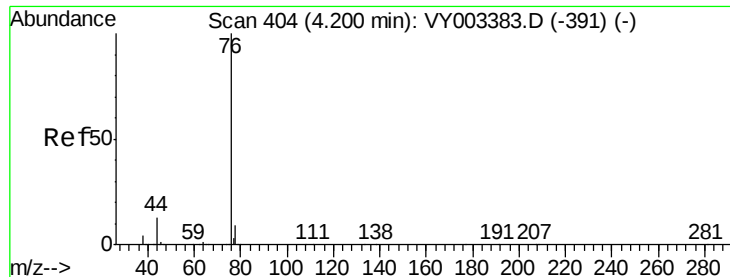
58 32.5 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

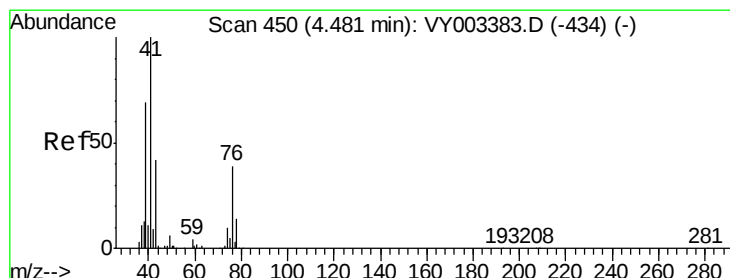
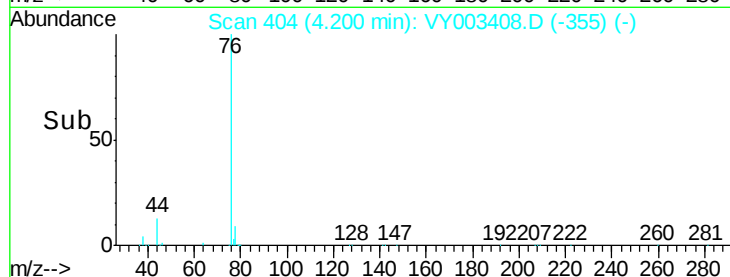
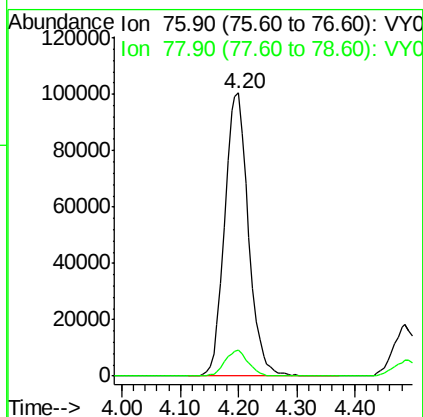
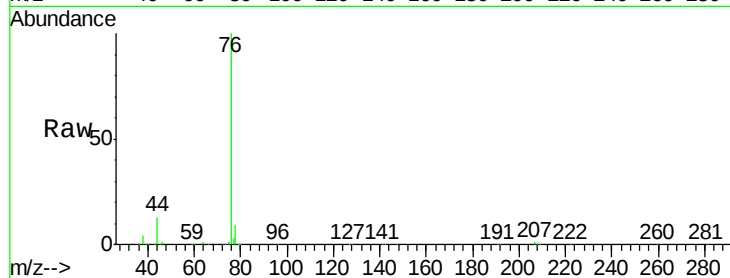




#17
Carbon Disulfide
Concen: 20.973 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

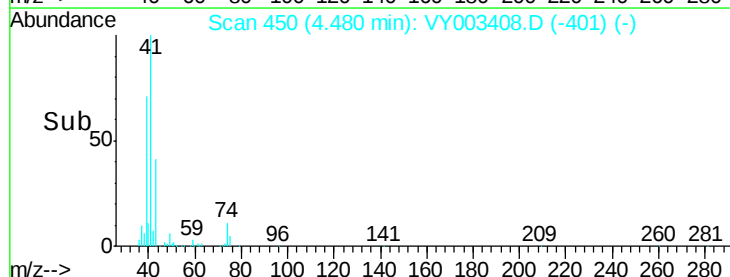
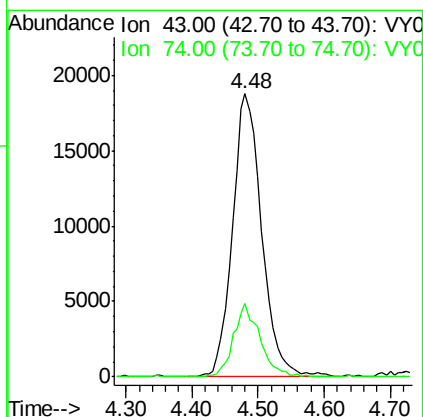
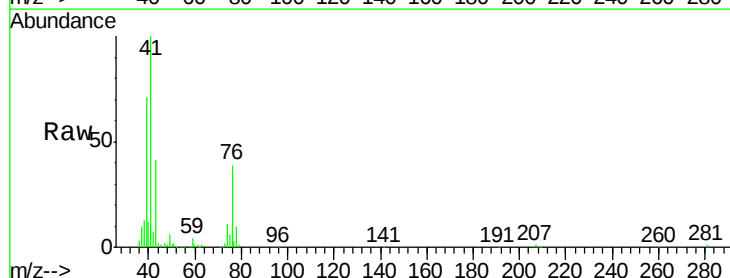
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

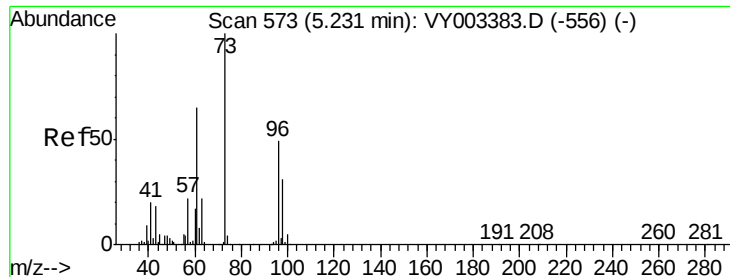
Tot Ion: 76 Resp: 284722
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 19.585 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion: 43 Resp: 57388
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8

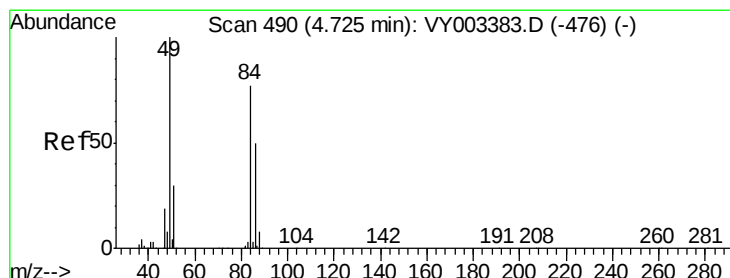
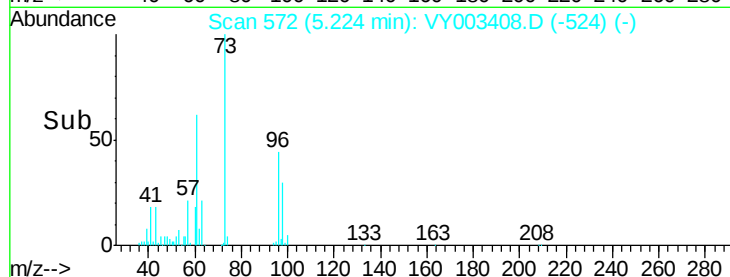
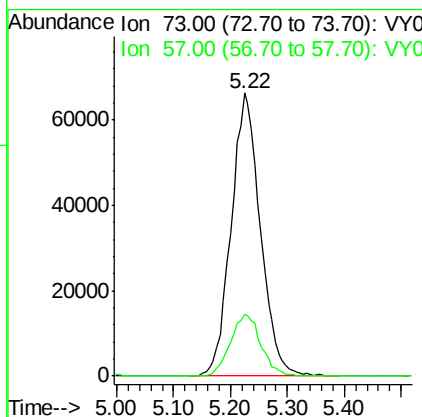
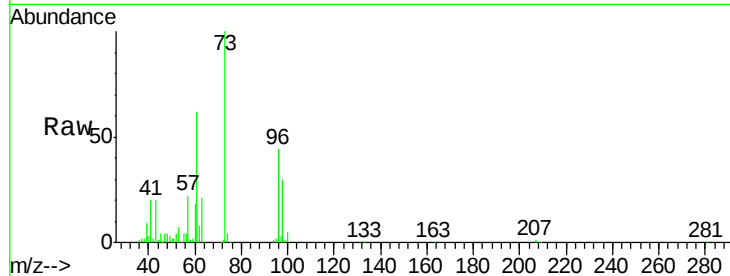




#19
Methyl tert-butyl Ether
Concen: 20.587 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

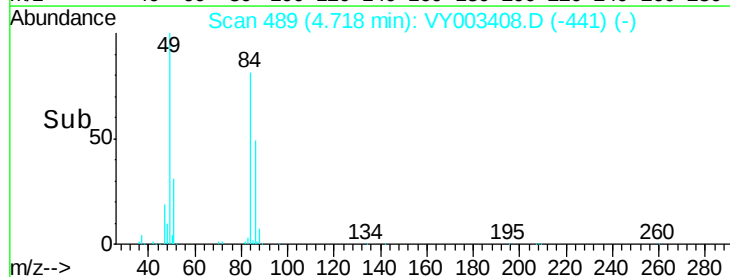
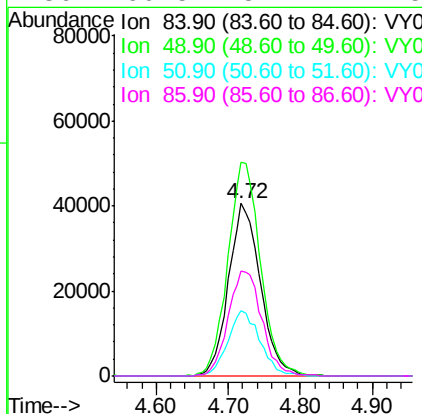
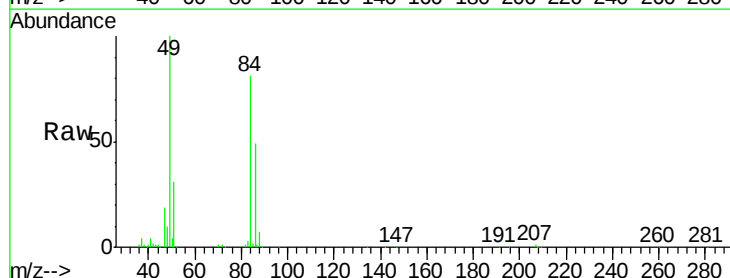
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

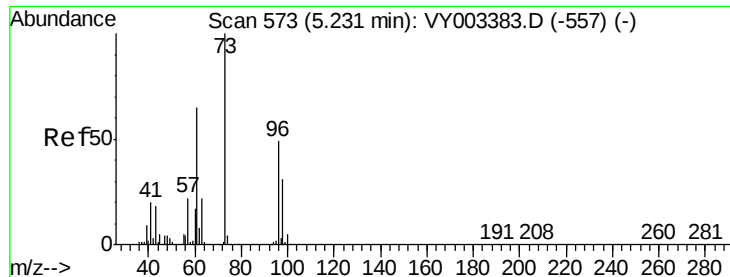
Tot Ion: 73 Resp: 236996
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 16.436 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion: 84 Resp: 124852
Ion Ratio Lower Upper
84 100
49 123.7 104.2 156.4
51 38.2 31.5 47.3
86 60.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.832 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

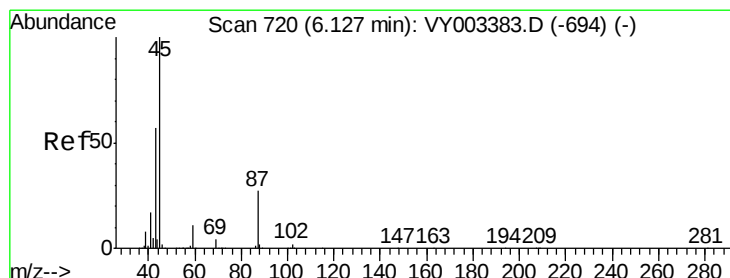
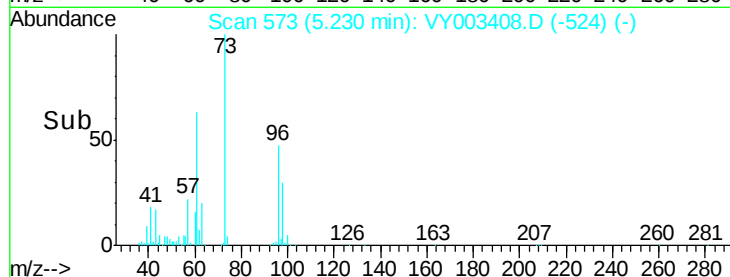
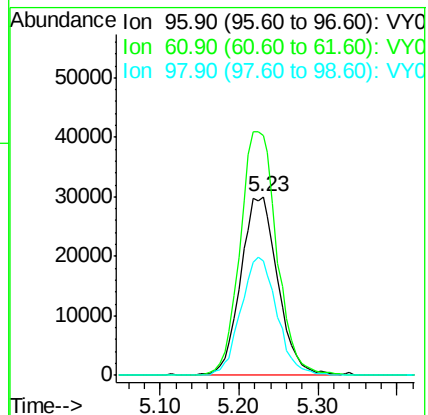
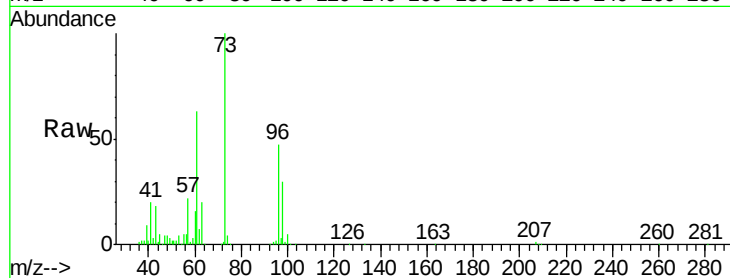
Tot Ion: 96 Resp: 98072

Ion Ratio Lower Upper

96 100

61 134.4 106.3 159.5

98 63.6 50.8 76.2



#22

Diisopropyl ether

Concen: 21.094 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion: 45 Resp: 309120

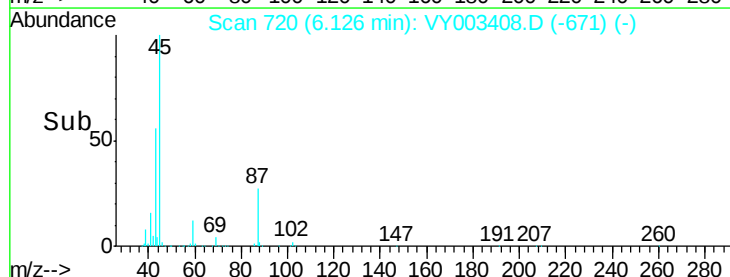
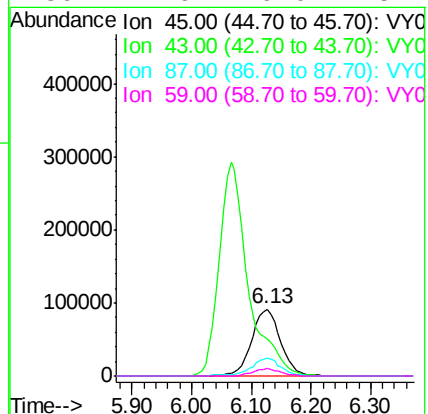
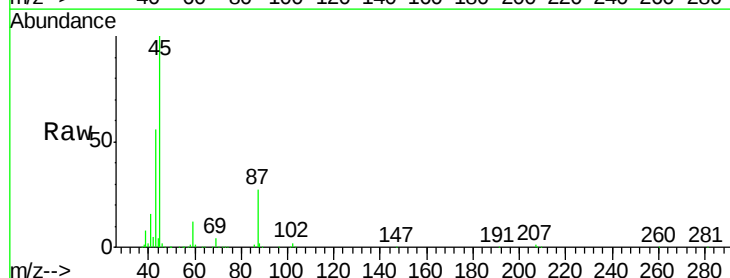
Ion Ratio Lower Upper

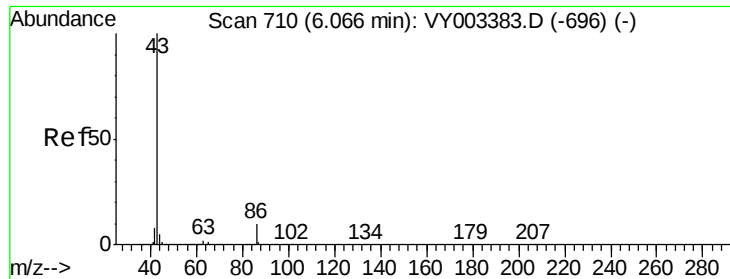
45 100

43 55.4 45.6 68.4

87 27.1 21.3 31.9

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 102.770 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

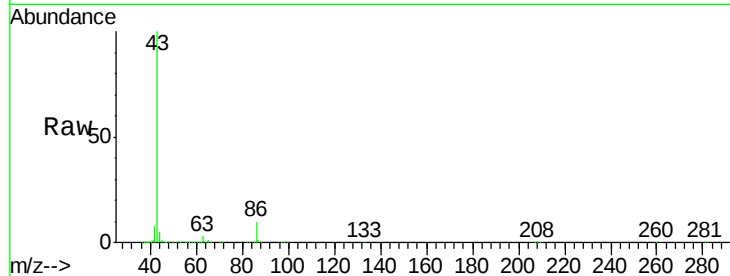
VY0803SBS01

Tot Ion: 43 Resp: 986613

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

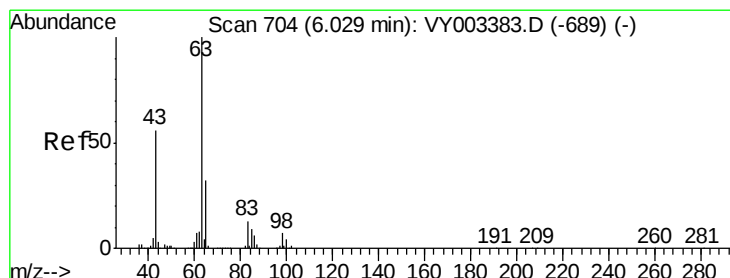
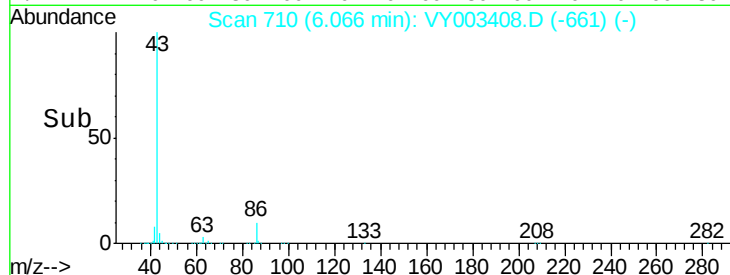
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.736 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

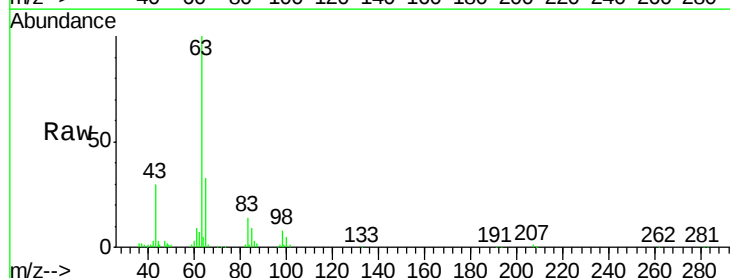
Tgt Ion: 63 Resp: 170286

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

100 4.9 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

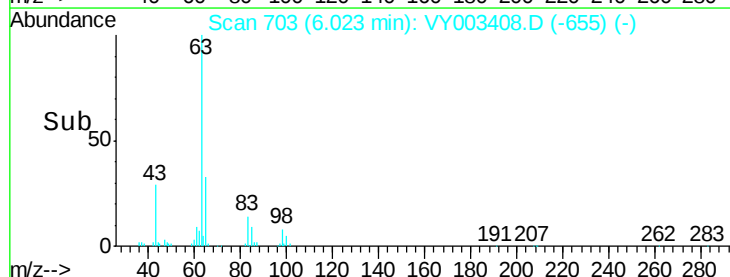
60000

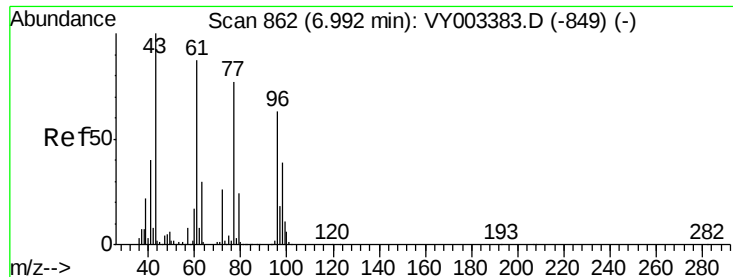
40000

20000

0

Time-->

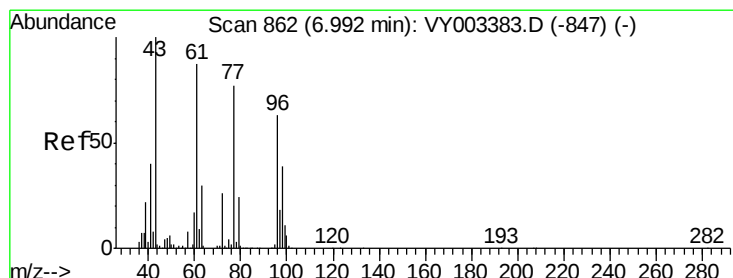
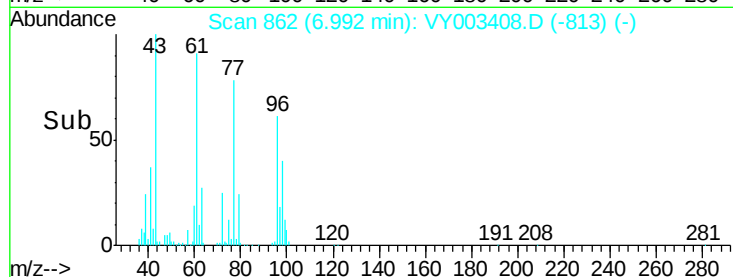
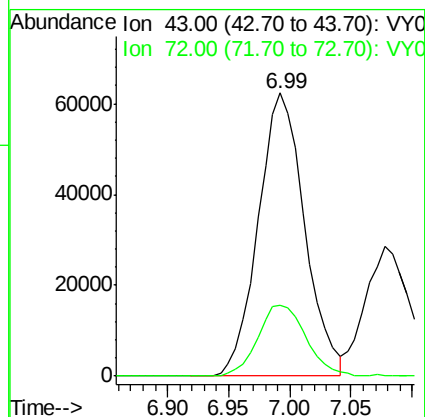
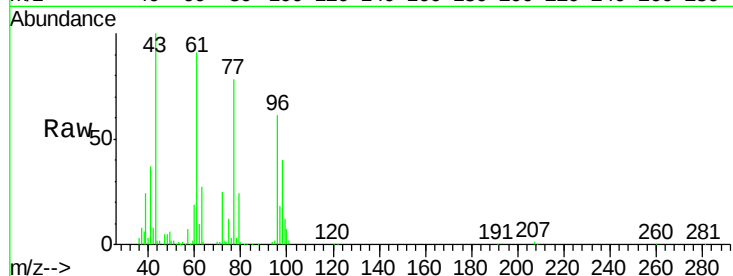




#25
2-Butanone
Concen: 97.285 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

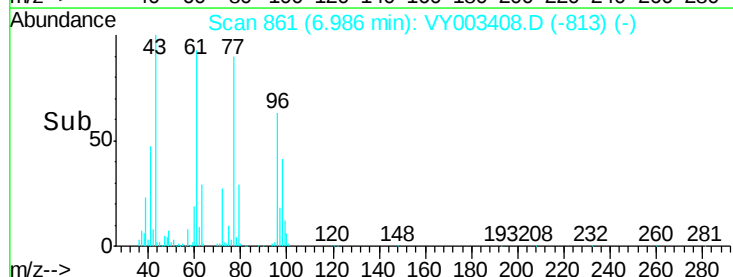
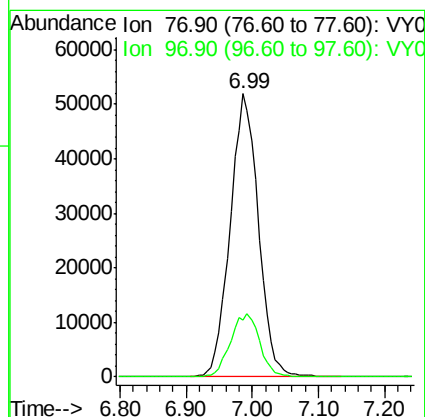
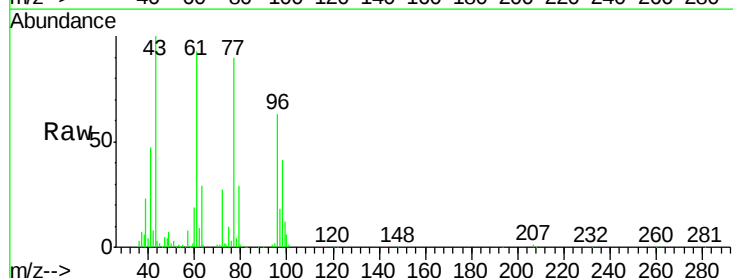
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

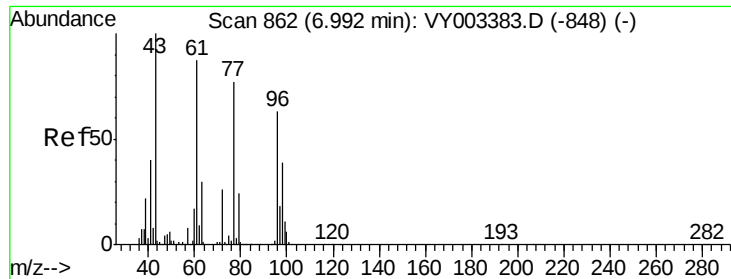
Tot Ion: 43 Resp: 164655
Ion Ratio Lower Upper
43 100
72 25.2 21.1 31.7



#26
2,2-Dichloropropane
Concen: 20.891 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion: 77 Resp: 153081
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8



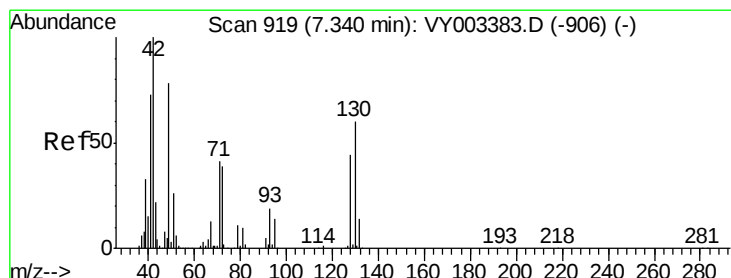
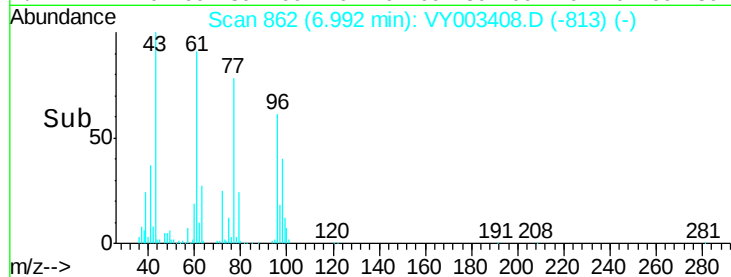
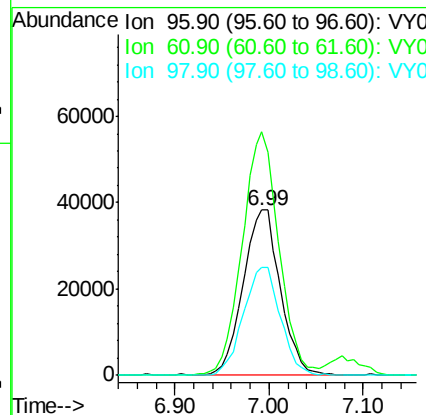
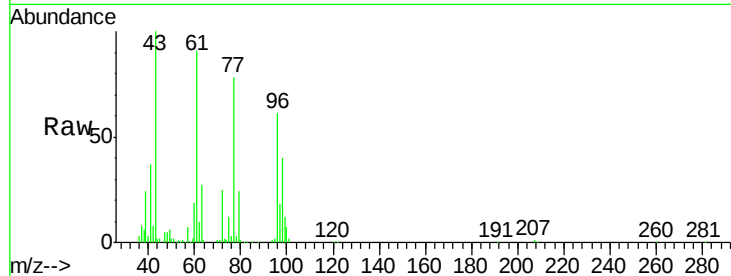


#27

cis-1,2-Dichloroethene
 Concen: 20.506 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

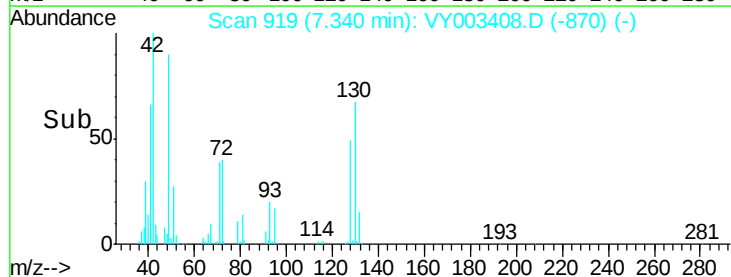
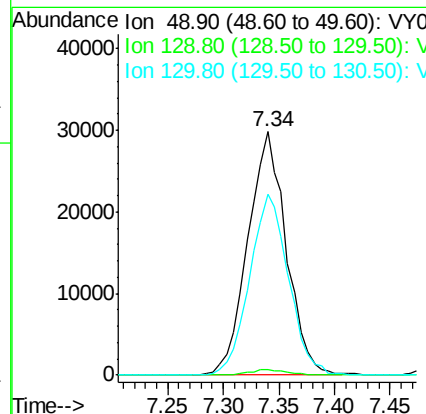
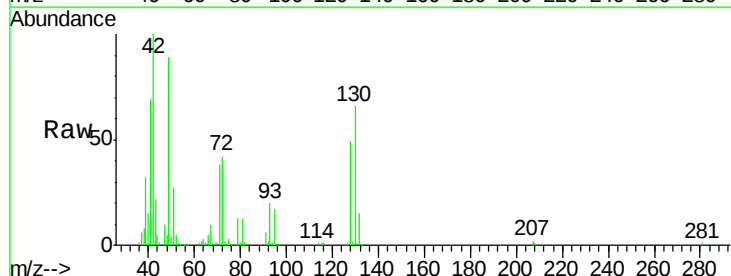
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	290.0
98	65.2	0.0	129.0

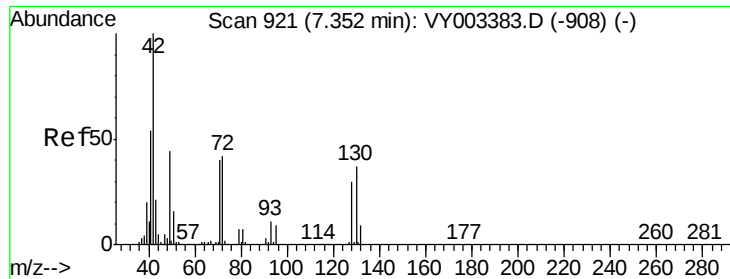


#28

Bromochloromethane
 Concen: 22.380 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	75.5	60.3	90.5





#29

Tetrahydrofuran

Concen: 100.248 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

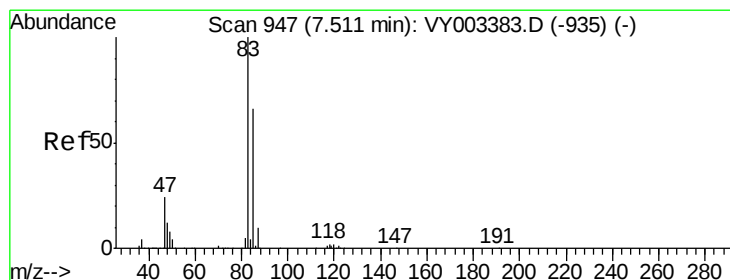
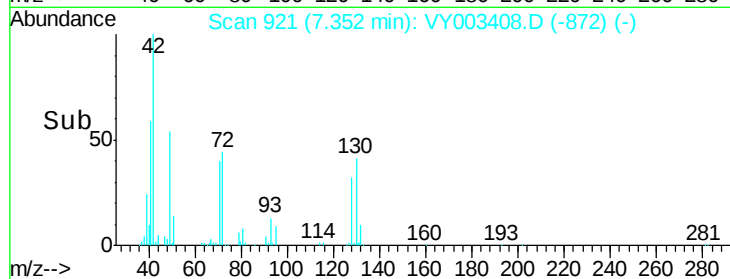
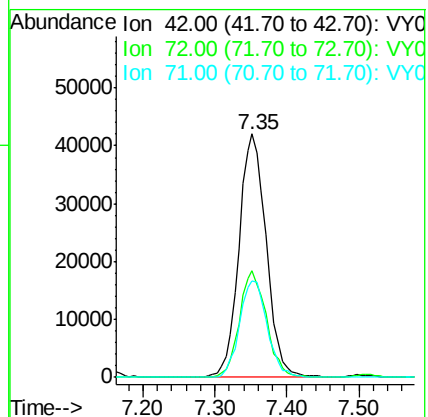
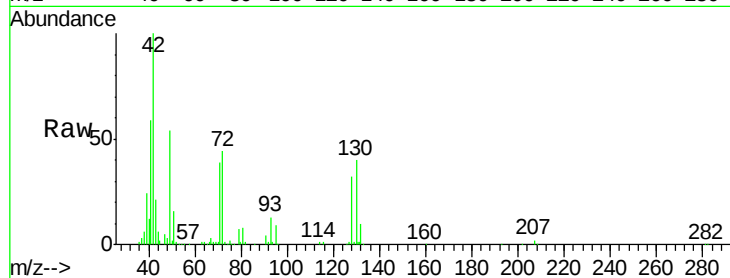
Tot Ion: 42 Resp: 110700

Ion Ratio Lower Upper

42 100

72 43.2 33.5 50.3

71 40.1 32.1 48.1



#30

Chloroform

Concen: 21.005 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.00 min

Lab File: VY003408.D

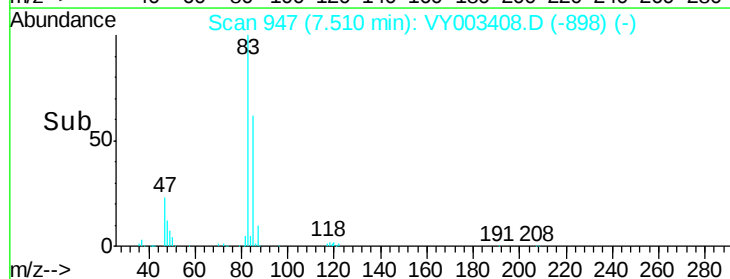
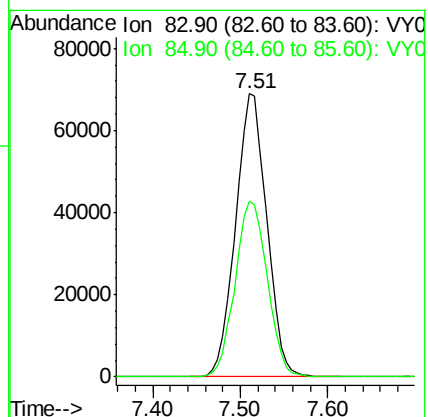
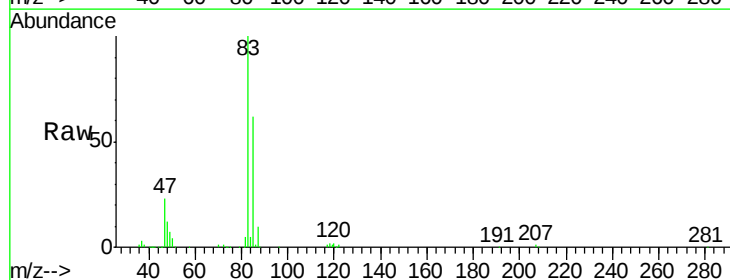
Acq: 03 Aug 2020 11:39

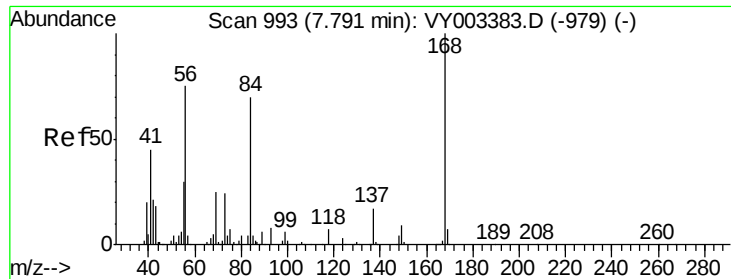
Tgt Ion: 83 Resp: 171097

Ion Ratio Lower Upper

83 100

85 62.4 52.5 78.7

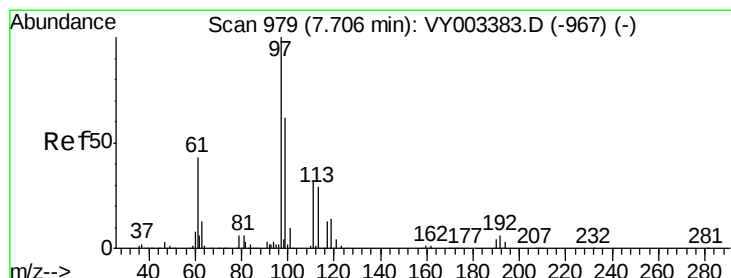
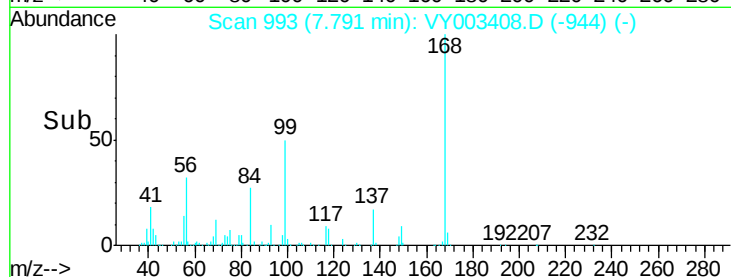
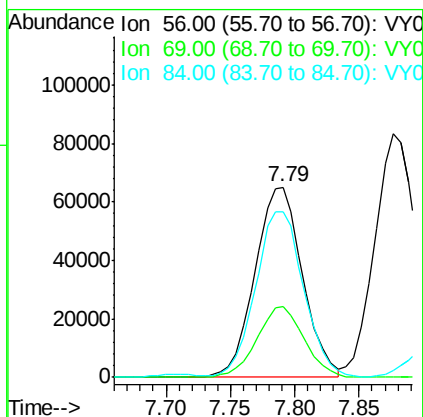
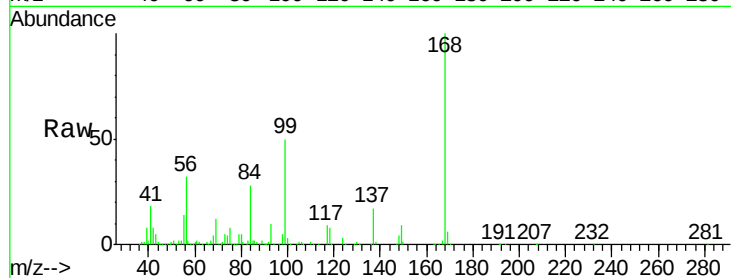




#31
Cyclohexane
Concen: 20.814 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

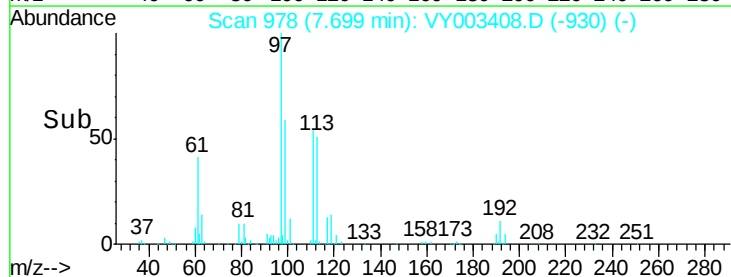
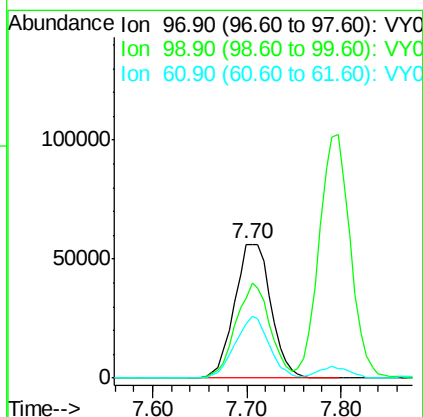
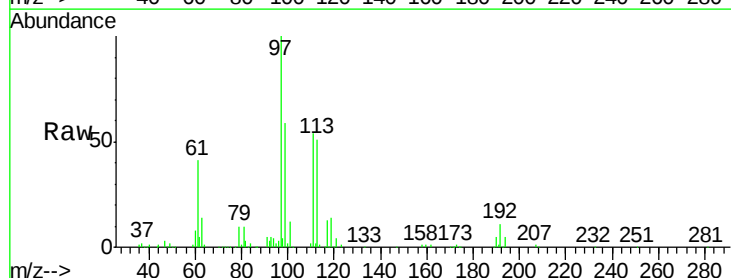
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

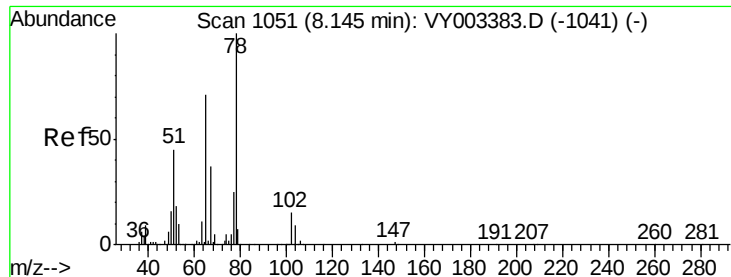
Tot Ion: 56 Resp: 165842
Ion Ratio Lower Upper
56 100
69 37.0 26.1 39.1
84 85.5 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 20.558 ug/l
RT: 7.70 min Scan# 978
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion: 97 Resp: 152778
Ion Ratio Lower Upper
97 100
99 66.5 50.9 76.3
61 42.9 33.7 50.5

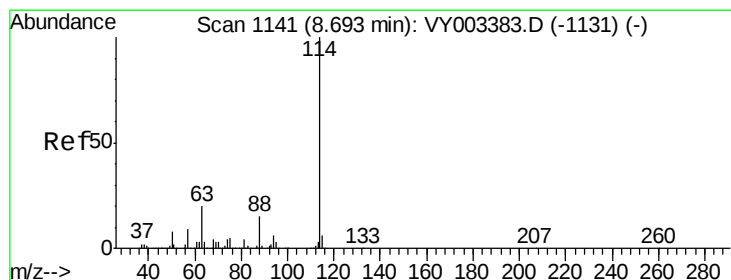
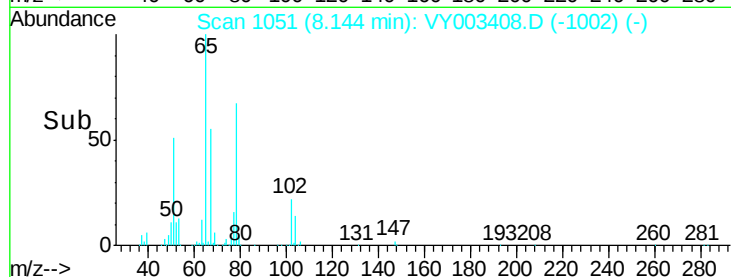
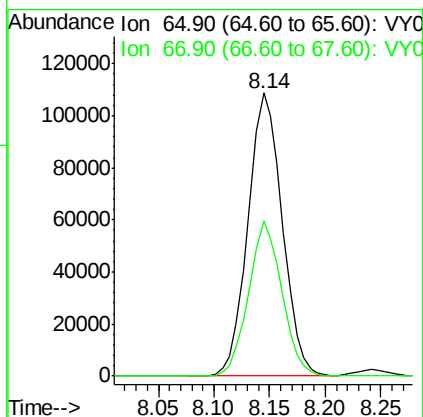
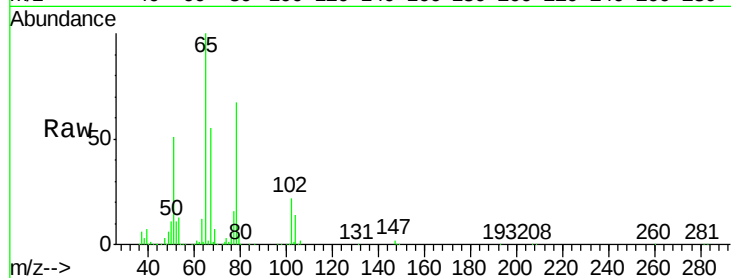




#33
 1,2-Dichloroethane-d4
 Concen: 51.989 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

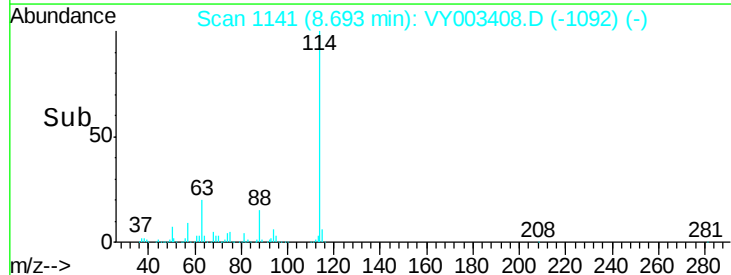
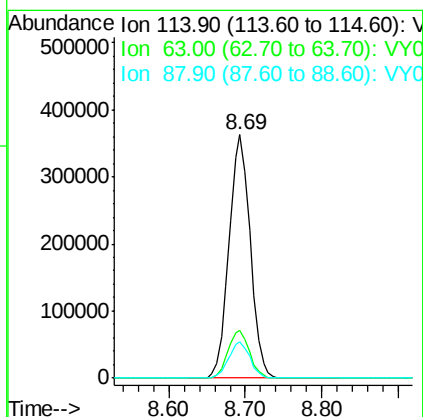
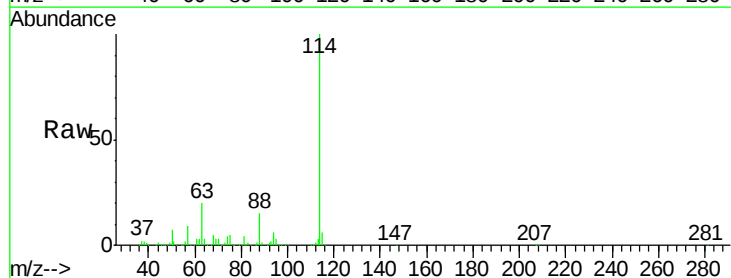
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

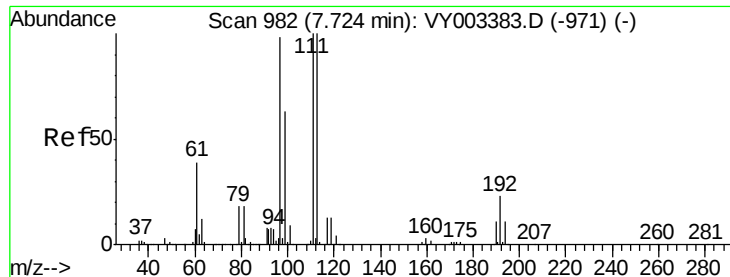
Tot Ion: 65 Resp: 233692
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion: 114 Resp: 695450
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 14.7 0.0 29.2

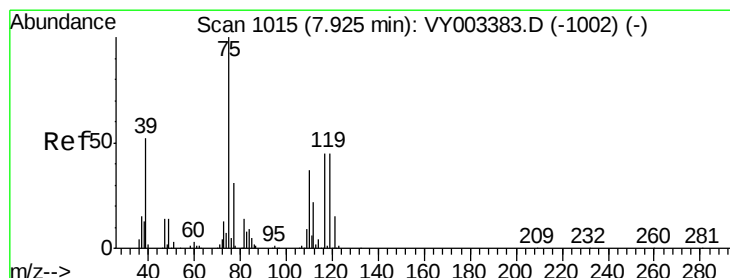
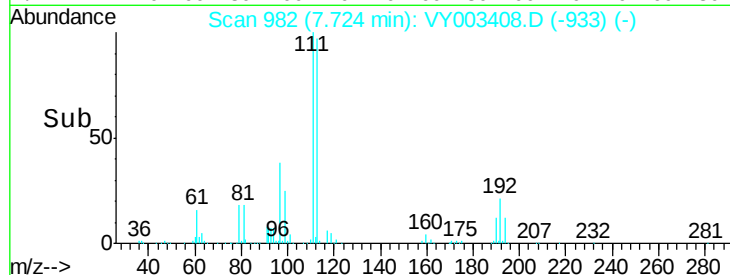
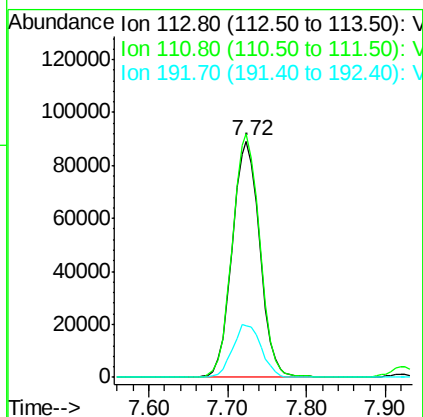
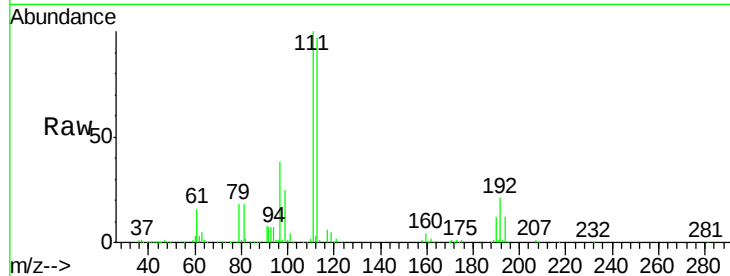




#35
 Dibromofluoromethane
 Concen: 52.726 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

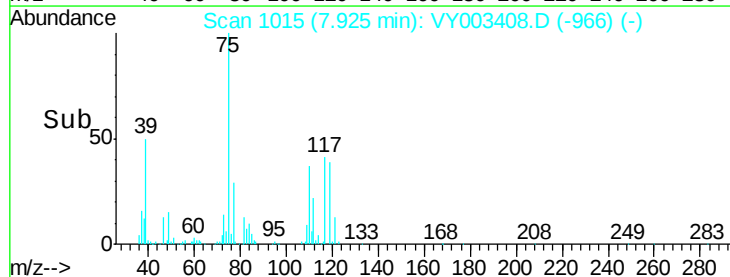
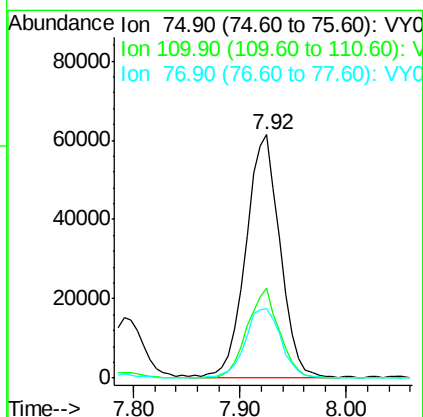
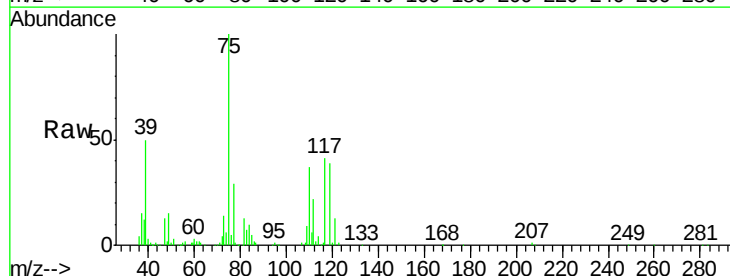
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

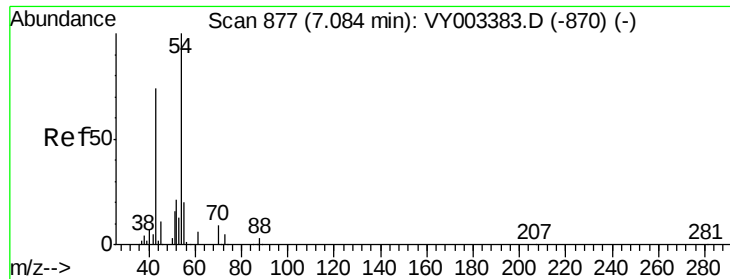
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	23.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 20.940 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.8	53.5
77	30.4	24.6	36.8

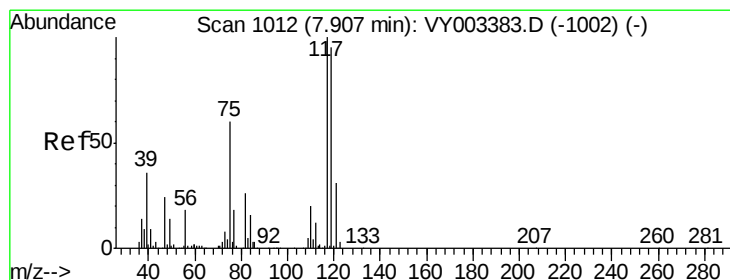
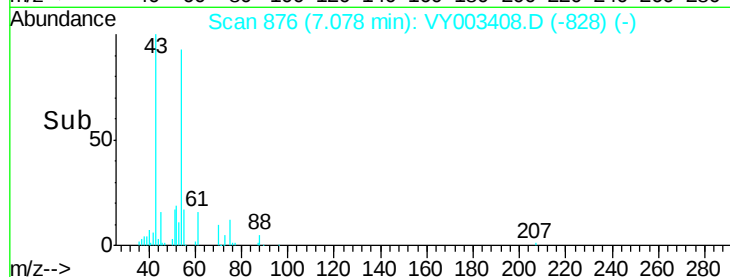
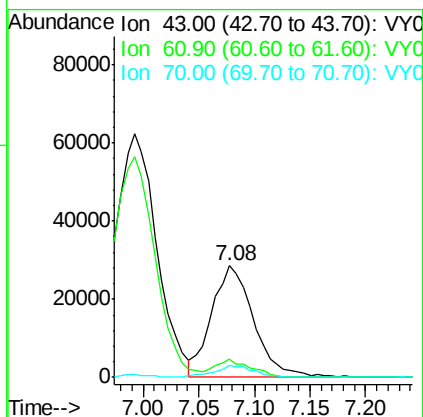
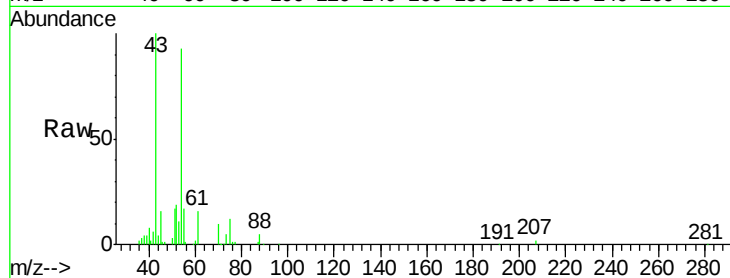




#37
Ethyl Acetate
Concen: 19.826 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

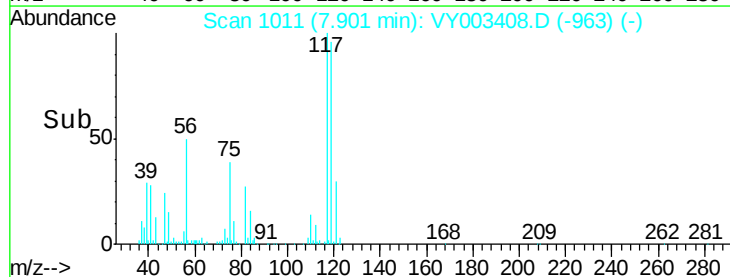
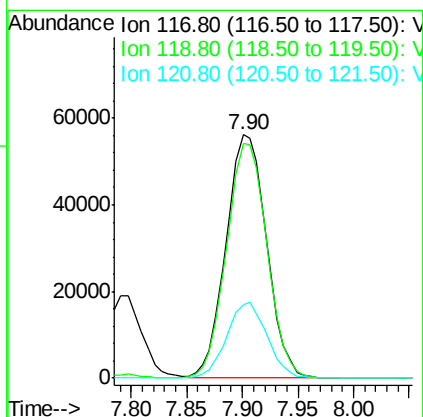
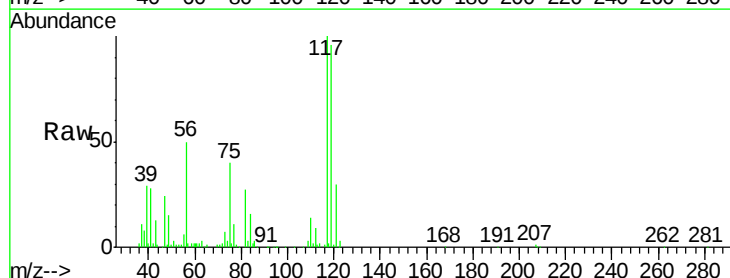
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

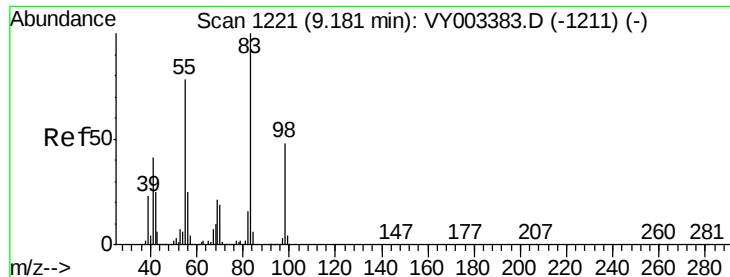
Tot Ion: 43 Resp: 74193
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 10.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.974 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion: 117 Resp: 142037
Ion Ratio Lower Upper
117 100
119 96.4 76.1 114.1
121 30.0 24.5 36.7

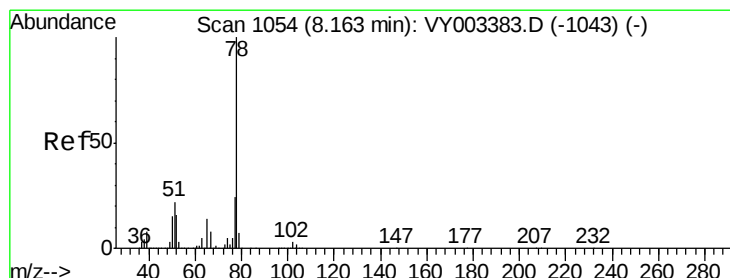
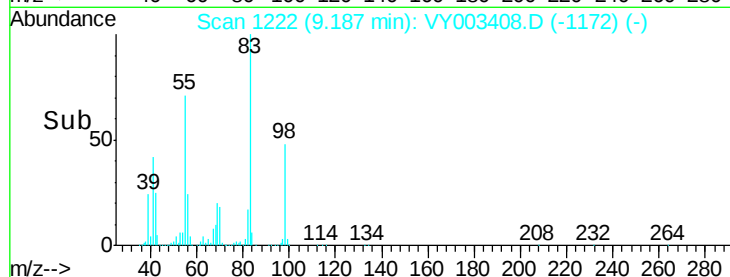
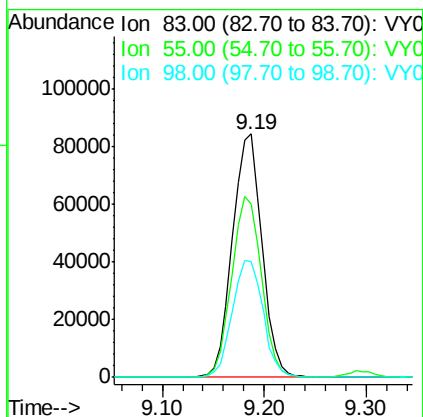
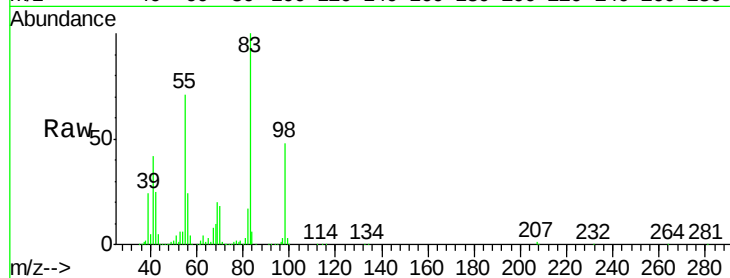




#39
Methvlcvclohexane
Concen: 21.033 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.01 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

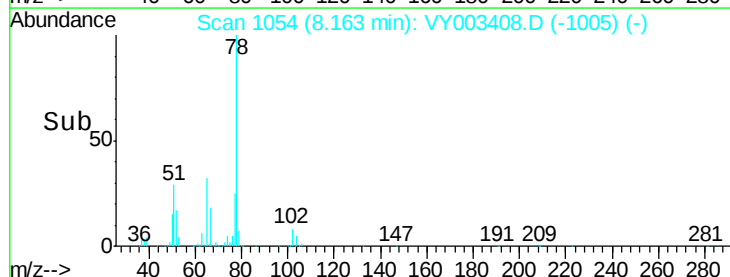
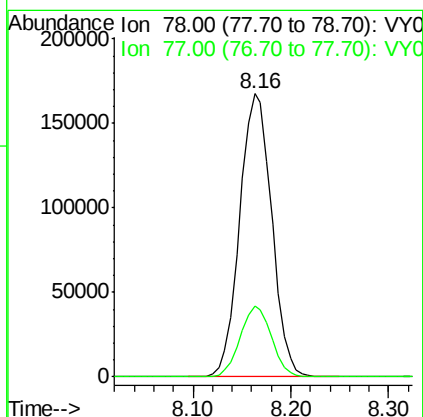
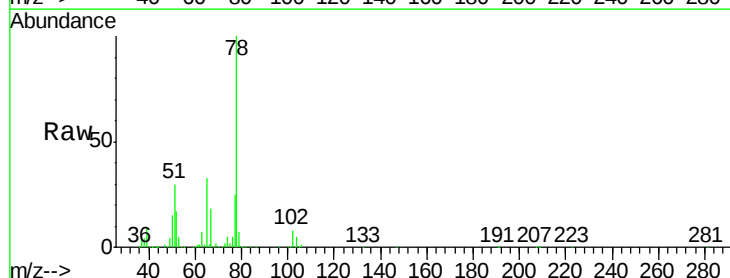
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

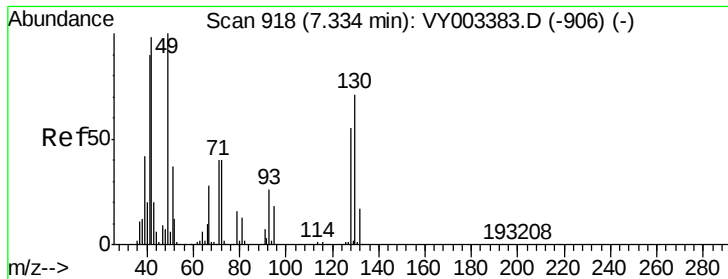
Tot Ion	83	Resp	168896
Ion	Ratio	Lower	Upper
83	100		
55	71.0	62.2	93.4
98	47.7	38.7	58.1



#40
Benzene
Concen: 20.844 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	78	Resp	380611
Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.5	29.3





#41

Methacrylonitrile

Concen: 48.492 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBSD01

Tot Ion: 41 Resp: 104029

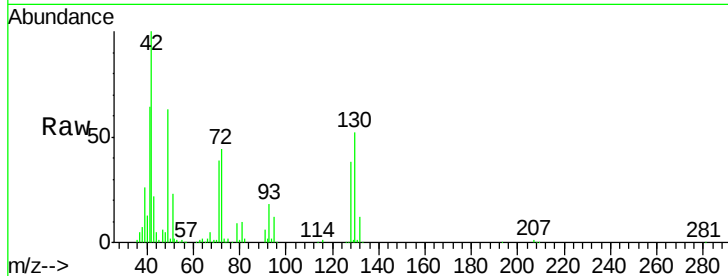
Ion Ratio Lower Upper

41 100

39 44.2 78.3 117.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

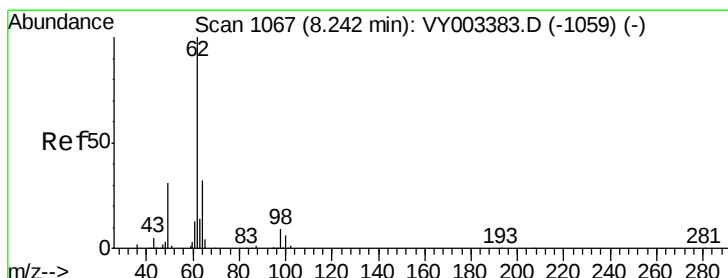
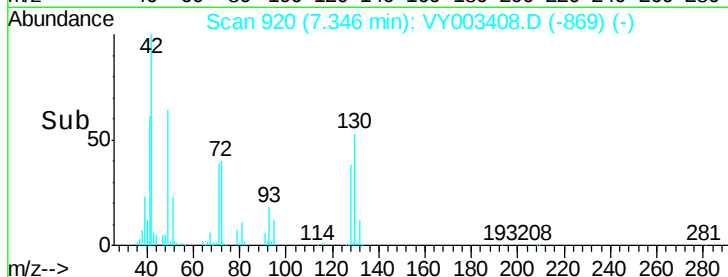
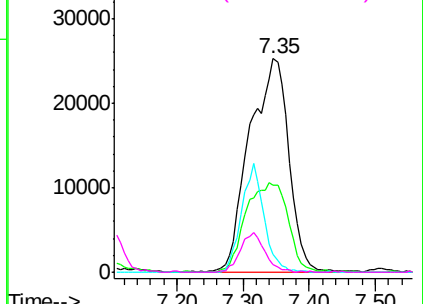


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.617 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003408.D

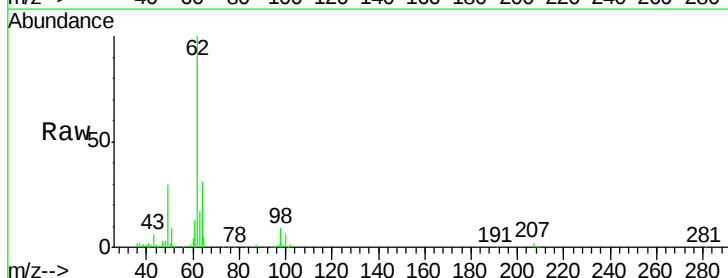
Acq: 03 Aug 2020 11:39

Tgt Ion: 62 Resp: 114659

Ion Ratio Lower Upper

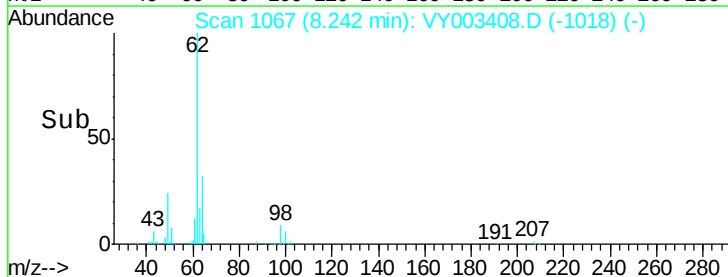
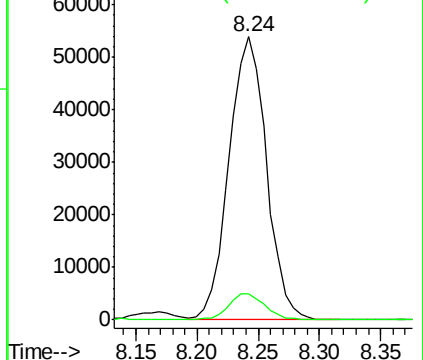
62 100

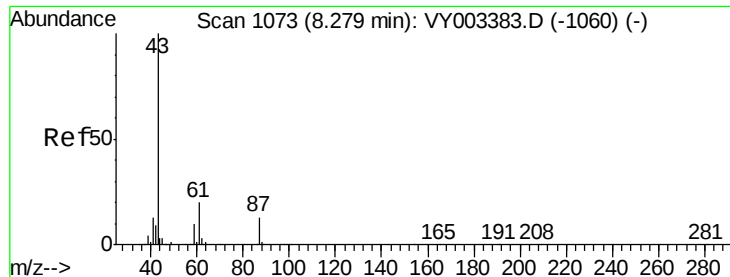
98 9.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.805 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

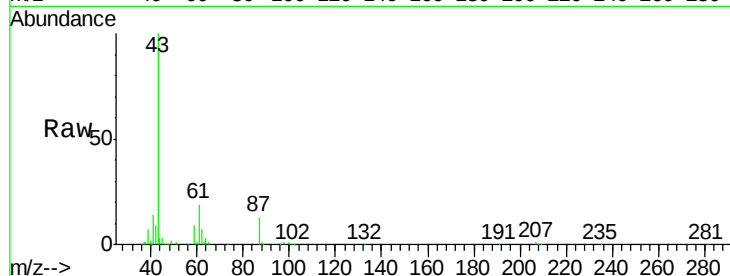
Tot Ion: 43 Resp: 139884

Ion Ratio Lower Upper

43 100

61 28.9 23.0 34.4

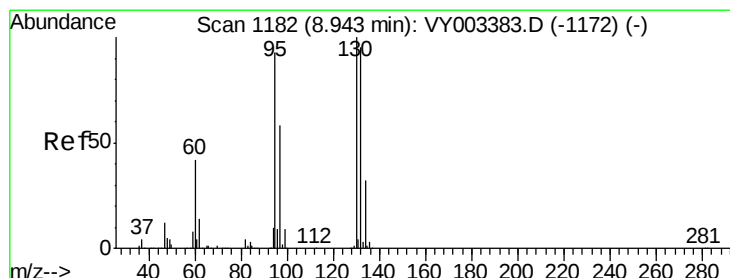
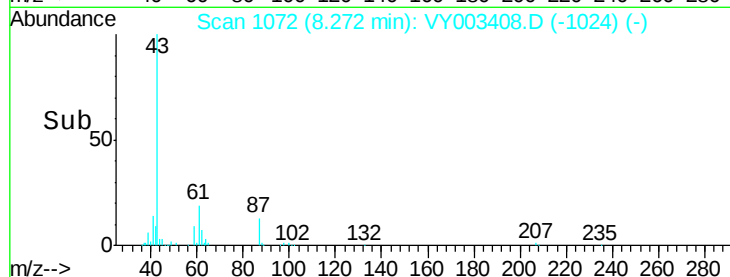
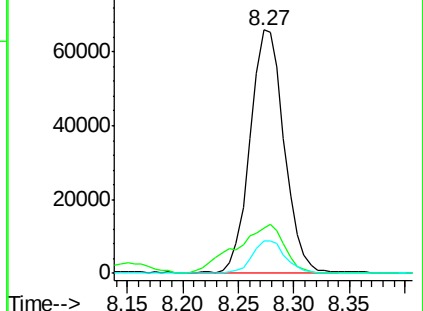
87 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 21.047 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003408.D

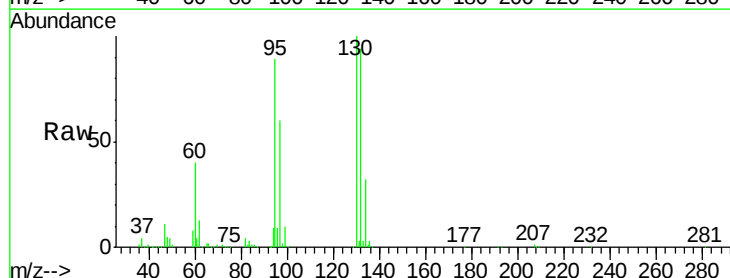
Acq: 03 Aug 2020 11:39

Tgt Ion: 130 Resp: 110529

Ion Ratio Lower Upper

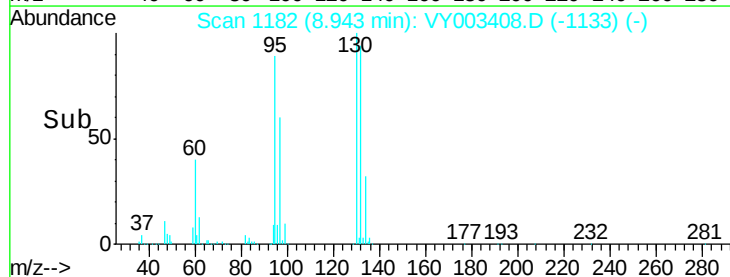
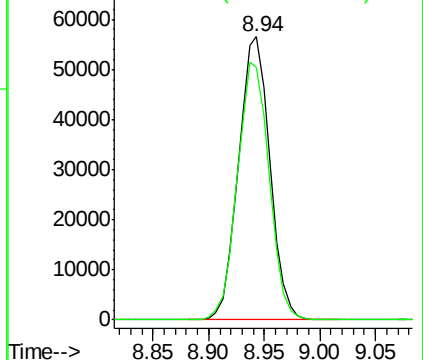
130 100

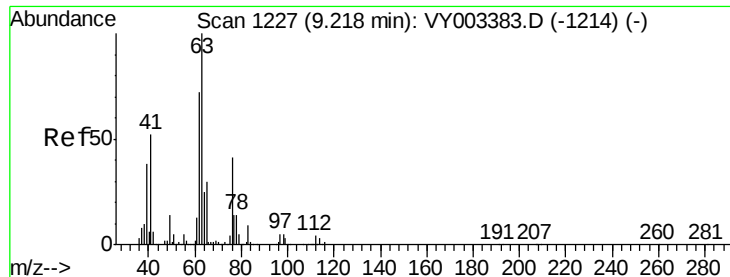
95 89.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

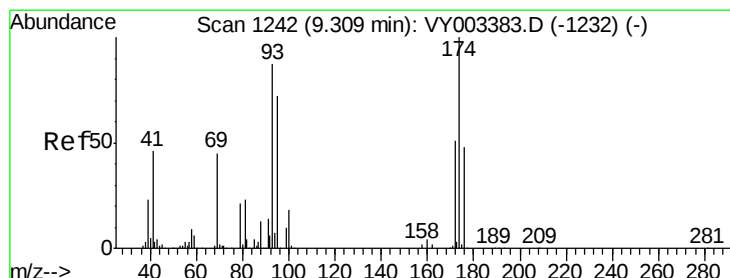
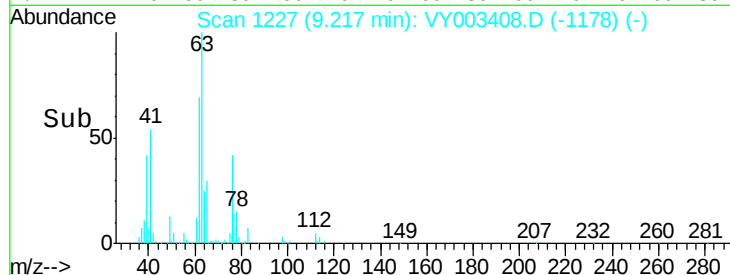
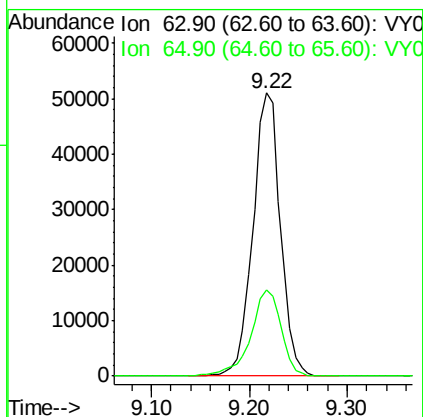
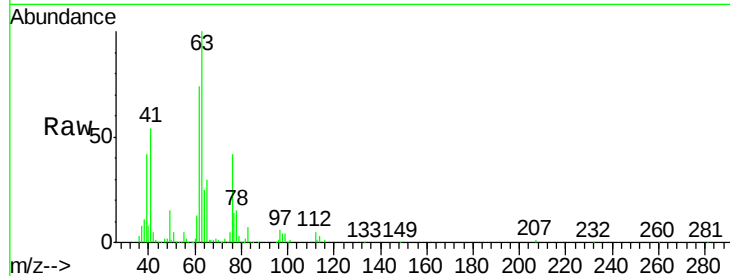




#45
 1,2-Dichloropropane
 Concen: 20.917 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

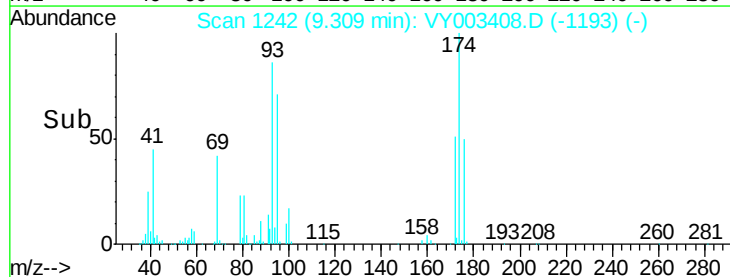
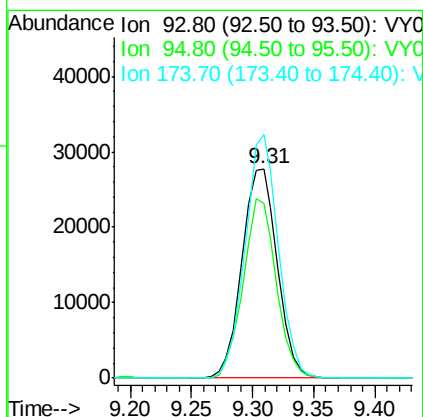
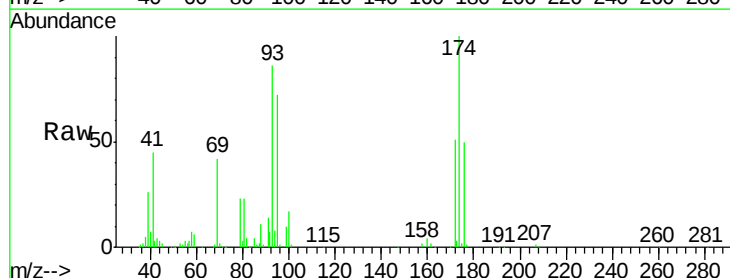
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

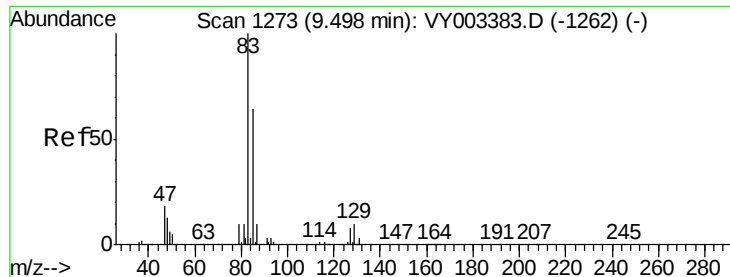
Tot Ion: 63 Resp: 100021
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.8



#46
 Dibromomethane
 Concen: 20.658 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion: 93 Resp: 55422
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.4 98.0
 174 110.2 88.6 133.0





#47

Bromodichloromethane

Concen: 20.855 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

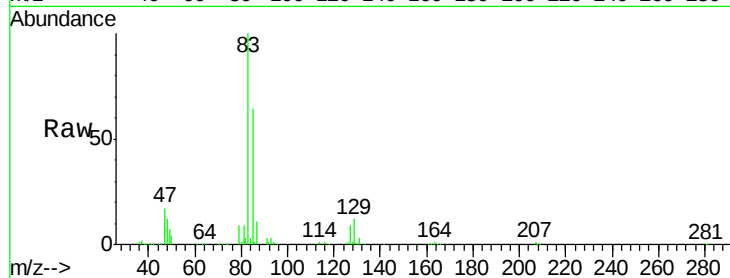
Tot Ion: 83 Resp: 134829

Ion Ratio Lower Upper

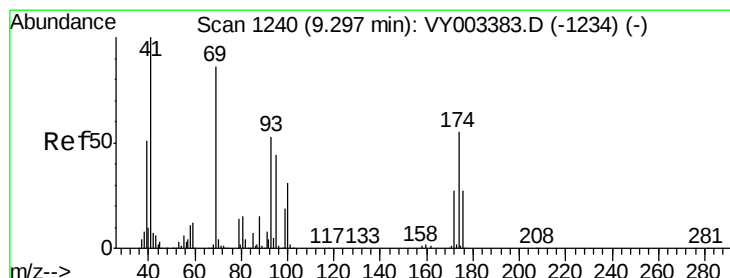
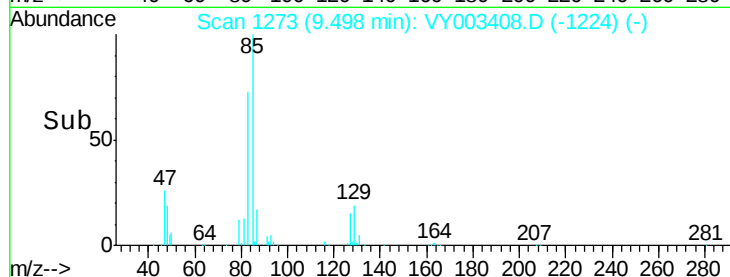
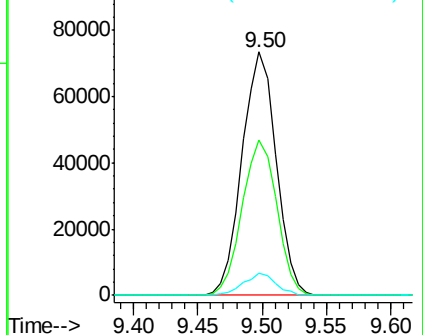
83 100

85 63.5 51.6 77.4

127 9.4 6.5 9.7



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



#48

Methyl methacrylate

Concen: 19.823 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

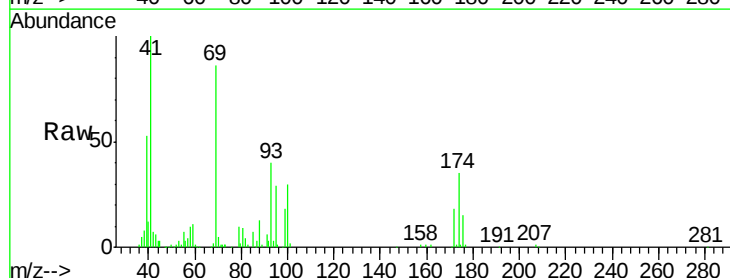
Tgt Ion: 41 Resp: 63198

Ion Ratio Lower Upper

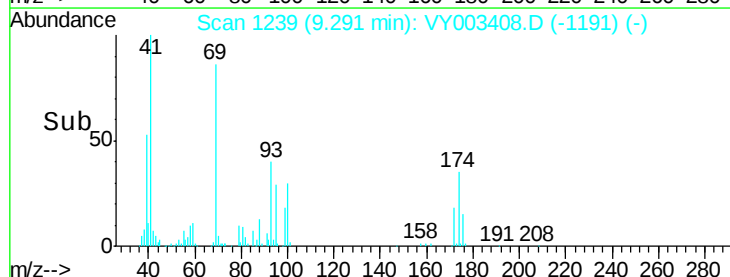
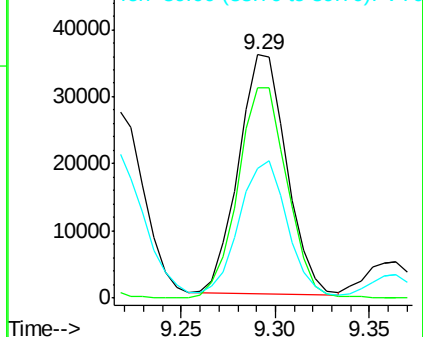
41 100

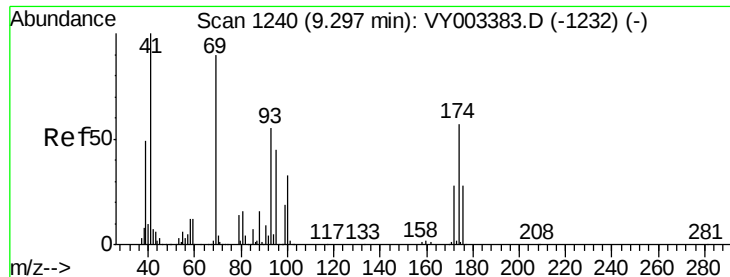
69 89.8 68.9 103.3

39 55.7 43.1 64.7



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: 382.934 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

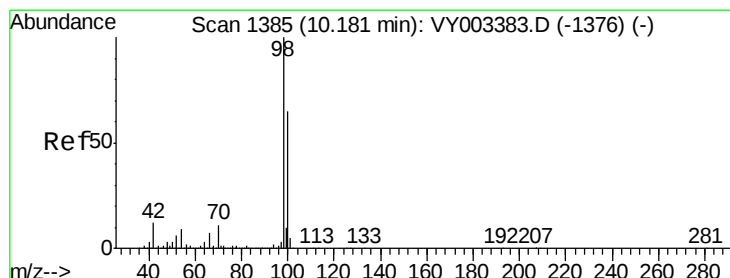
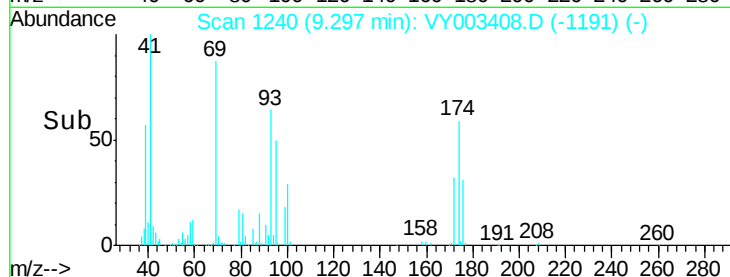
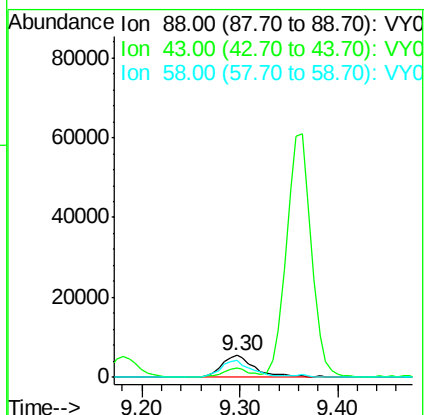
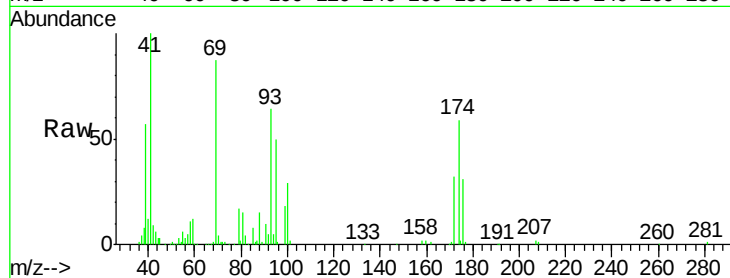
Tot Ion: 88 Resp: 13297

Ion Ratio Lower Upper

88 100

43 32.3 24.9 37.3

58 69.2 54.3 81.5



#50

Toluene-d8

Concen: 53.209 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003408.D

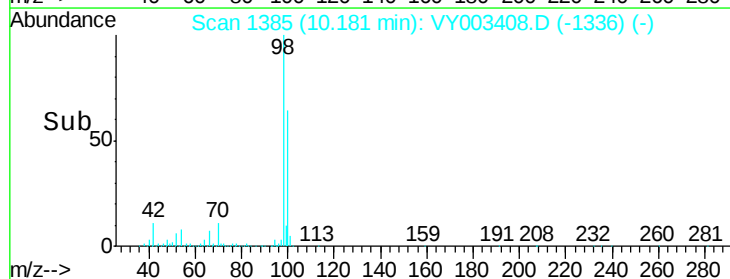
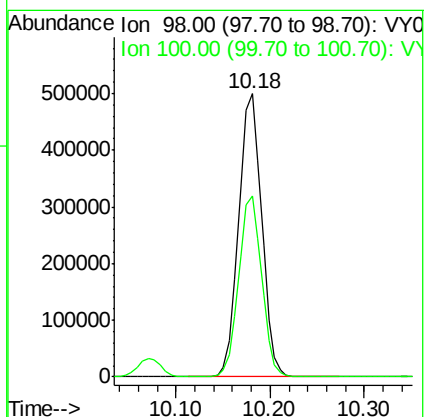
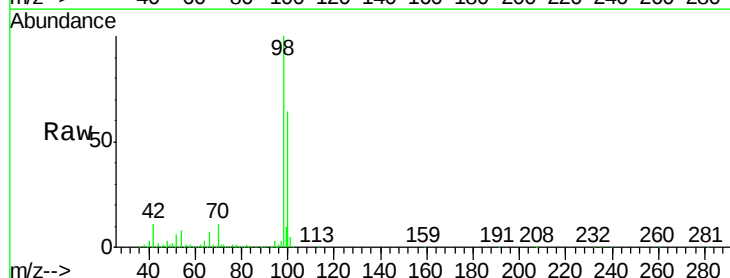
Acq: 03 Aug 2020 11:39

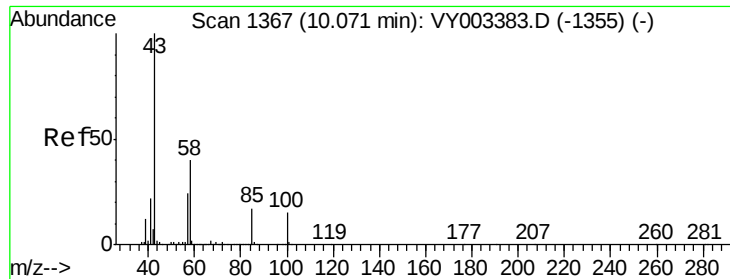
Tgt Ion: 98 Resp: 853569

Ion Ratio Lower Upper

98 100

100 63.5 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 99.740 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

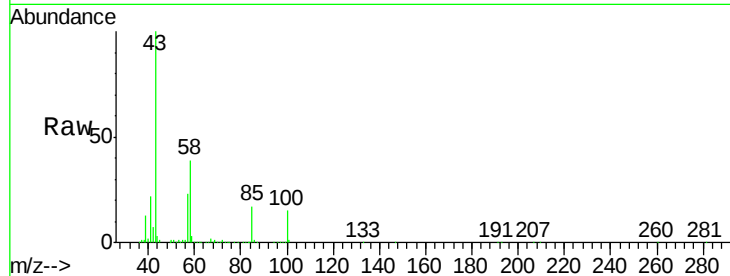
VY0803SBS01

Tot Ion: 43 Resp: 369179

Ion Ratio Lower Upper

43 100

58 39.0 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

250000

200000

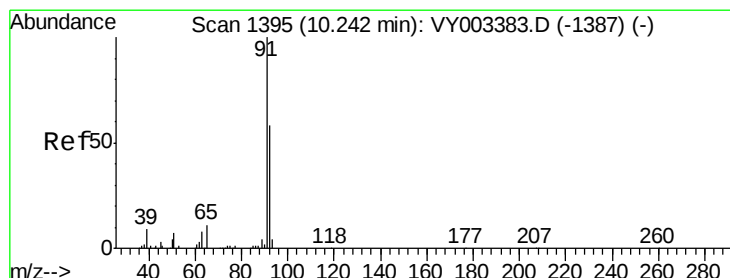
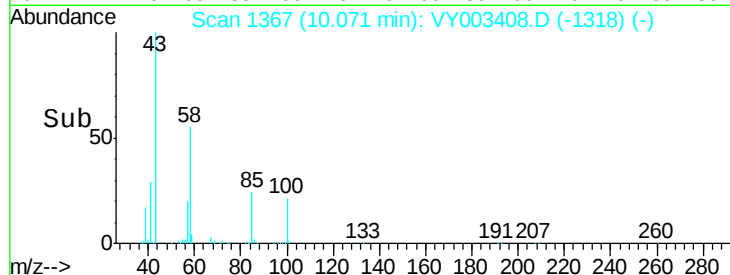
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.660 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003408.D

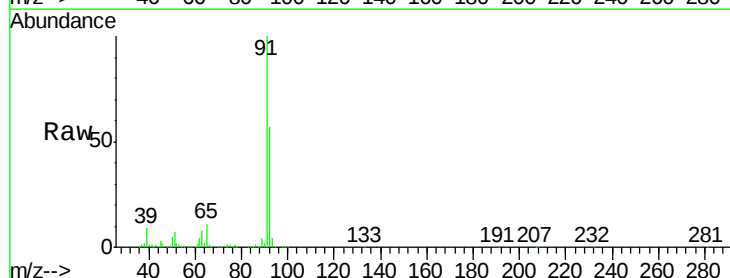
Acq: 03 Aug 2020 11:39

Tgt Ion: 92 Resp: 236599

Ion Ratio Lower Upper

92 100

91 178.4 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

250000

200000

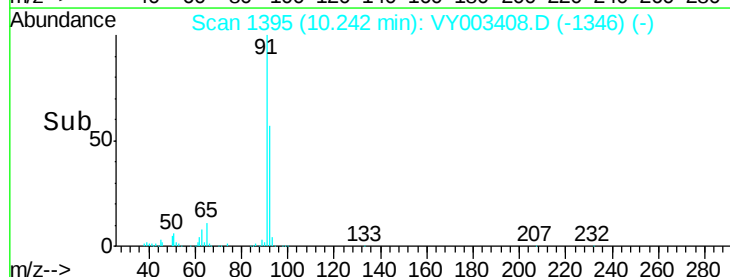
150000

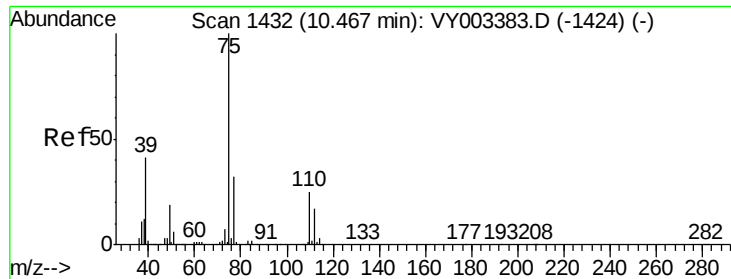
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.760 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

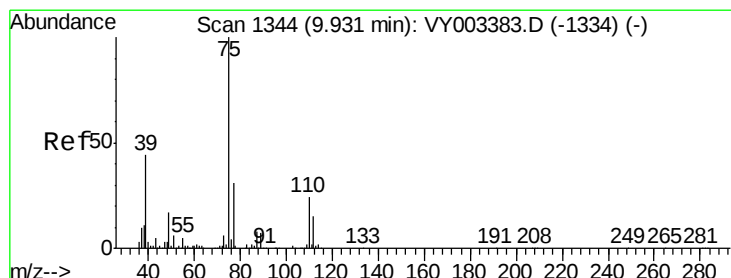
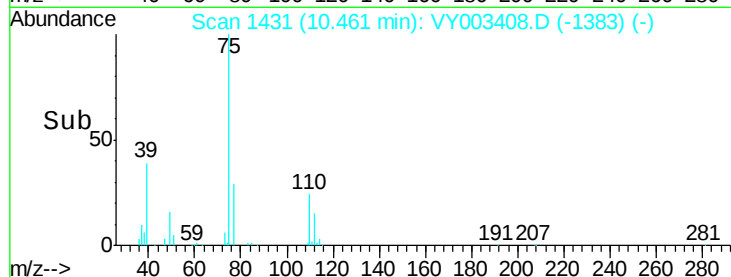
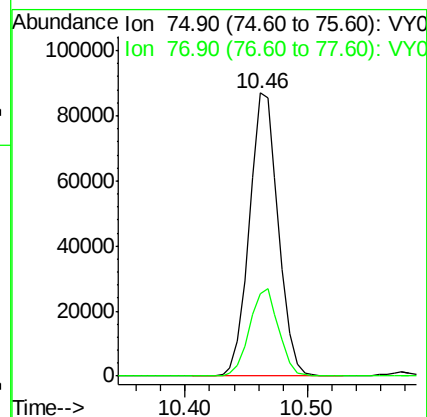
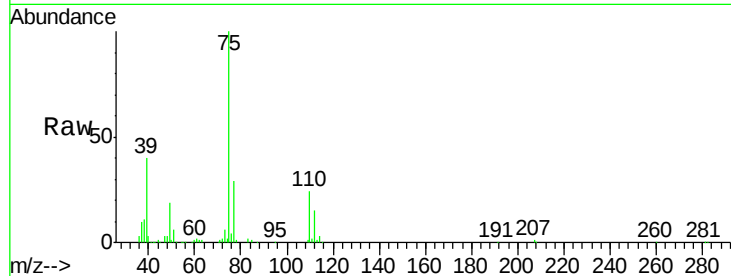
VY0803SBS01

Tot Ion: 75 Resp: 142448

Ion Ratio Lower Upper

75 100

77 28.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.869 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

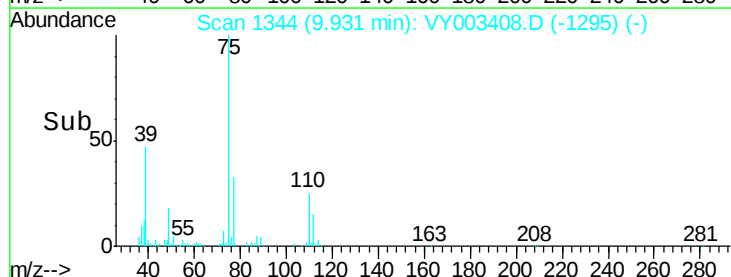
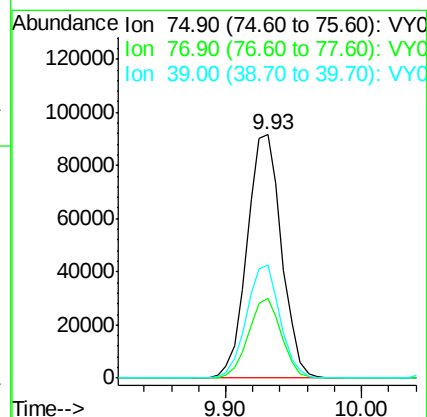
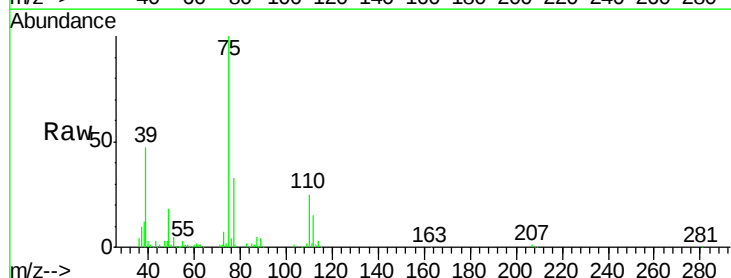
Tgt Ion: 75 Resp: 162280

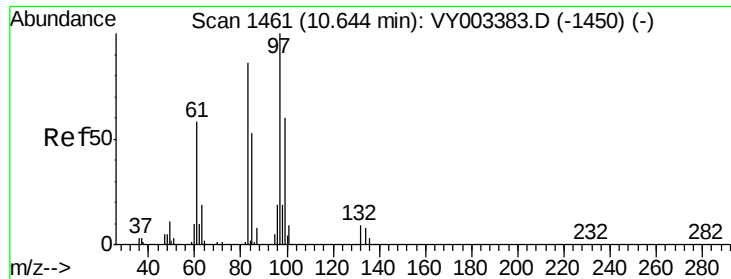
Ion Ratio Lower Upper

75 100

77 32.9 24.8 37.2

39 46.4 34.8 52.2

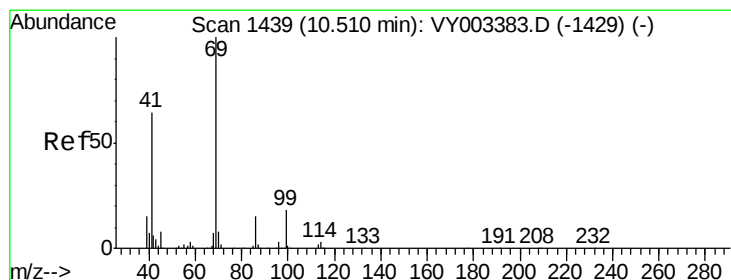
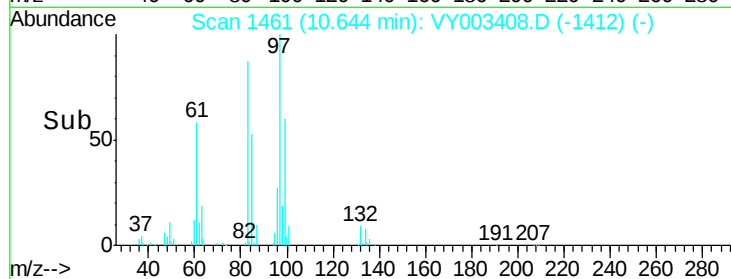
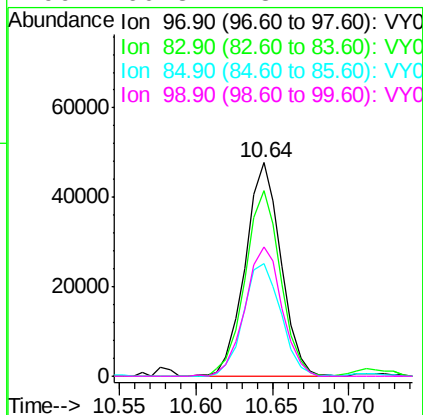
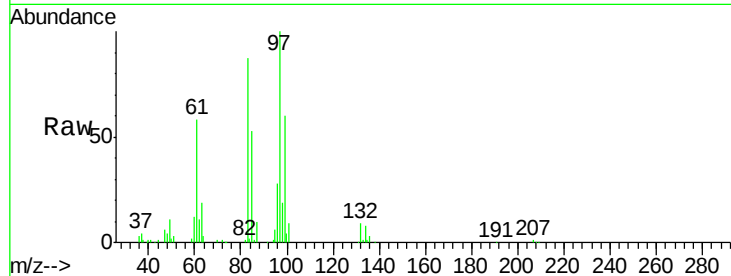




#55
 1,1,2-Trichloroethane
 Concen: 20.582 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

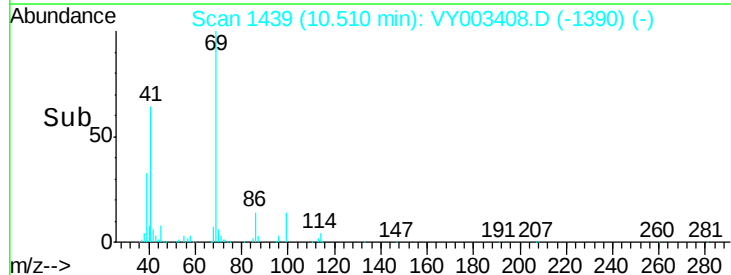
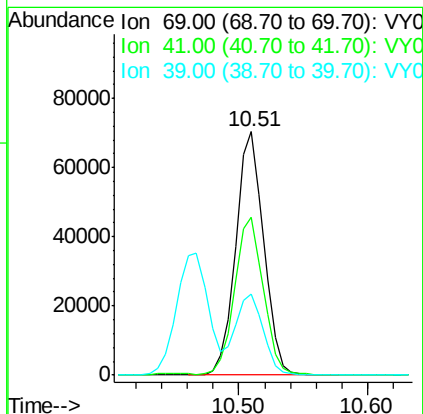
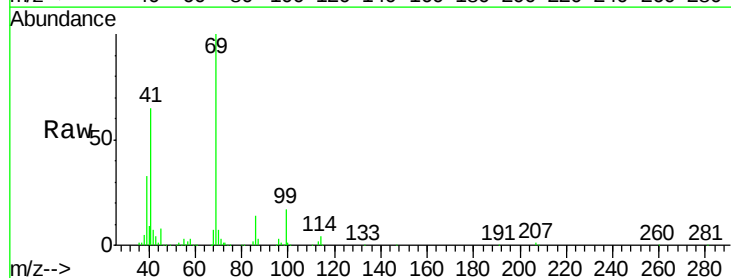
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

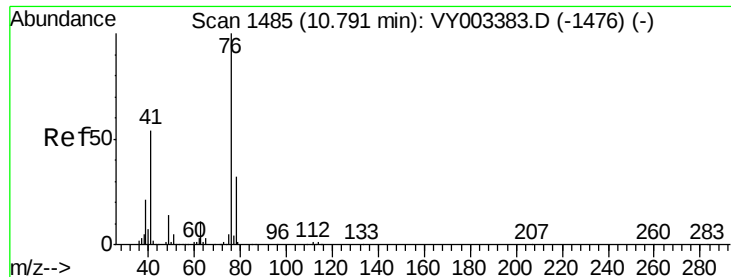
Tot Ion:	97	Resp:	77453
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.1	103.7
85	52.5	42.5	63.7
99	60.3	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 20.338 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion:	69	Resp:	105956
Ion	Ratio	Lower	Upper
69	100		
41	66.2	52.2	78.4
39	33.3	24.7	37.1





#57

1,3-Dichloropropane

Concen: 20.280 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

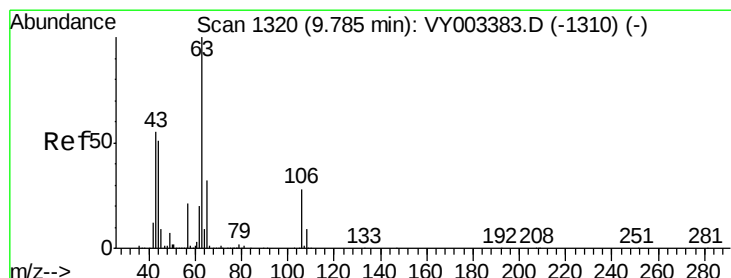
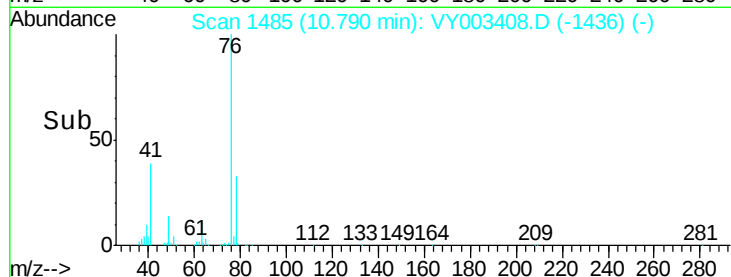
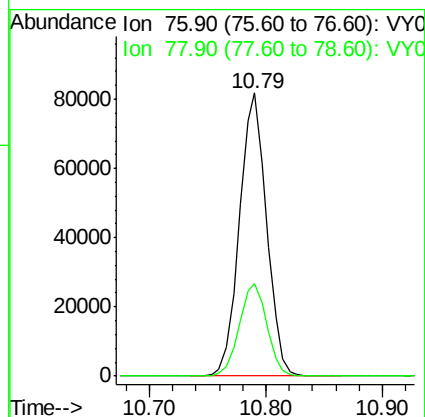
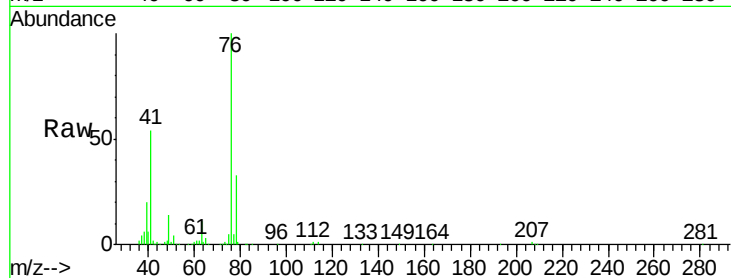
VY0803SBSD01

Tot Ion: 76 Resp: 132635

Ion Ratio Lower Upper

76 100

78 33.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 107.668 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003408.D

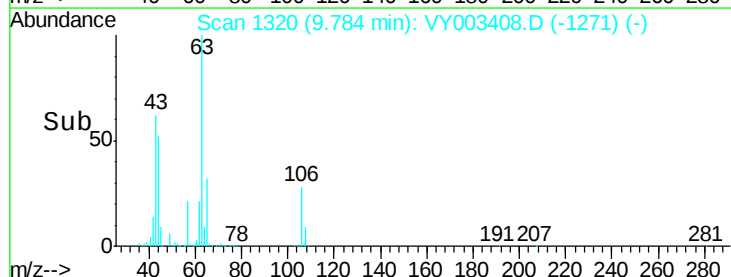
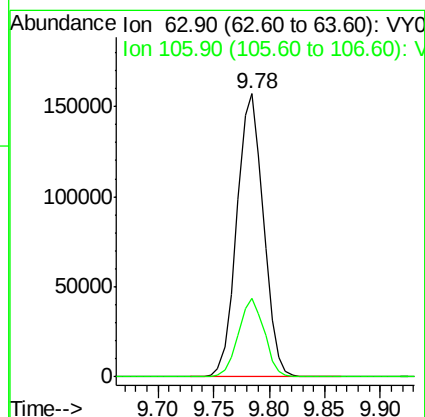
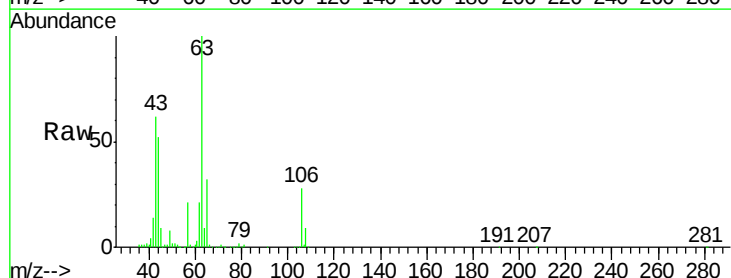
Acq: 03 Aug 2020 11:39

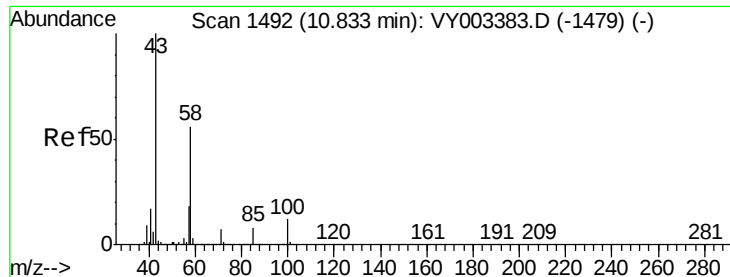
Tgt Ion: 63 Resp: 259814

Ion Ratio Lower Upper

63 100

106 27.1 21.8 32.6

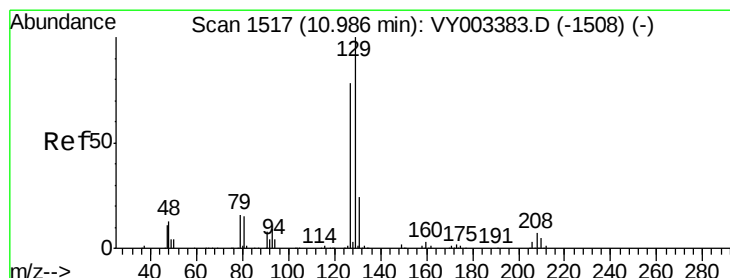
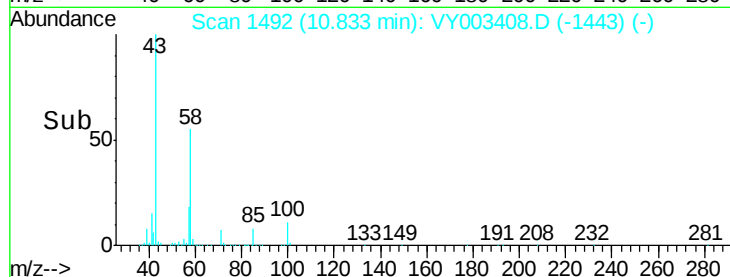
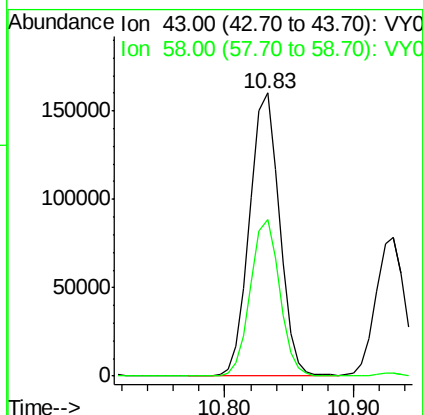
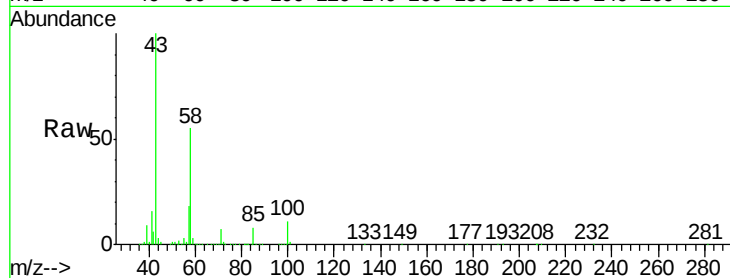




#59
2-Hexanone
Concen: 99.446 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

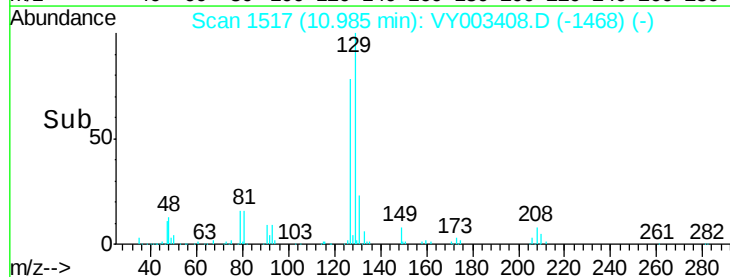
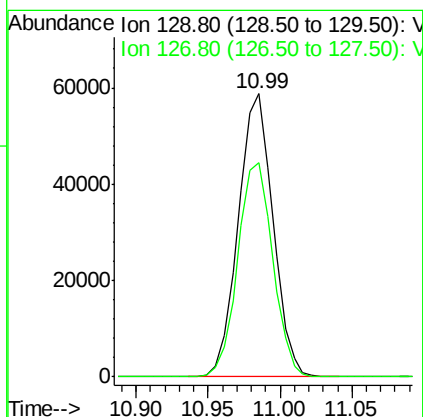
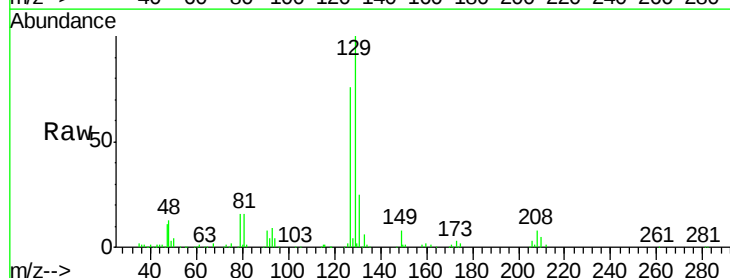
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

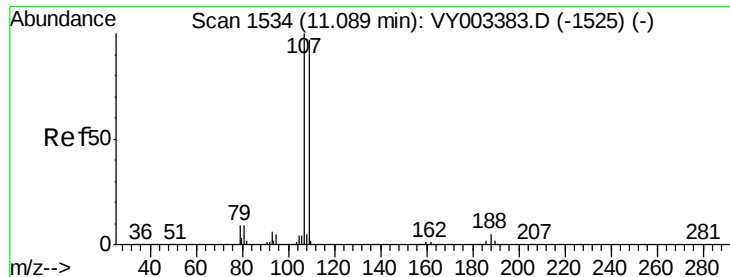
Tot Ion: 43 Resp: 256528
Ion Ratio Lower Upper
43 100
58 54.0 27.6 82.8



#60
Dibromochloromethane
Concen: 20.785 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion: 129 Resp: 98230
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

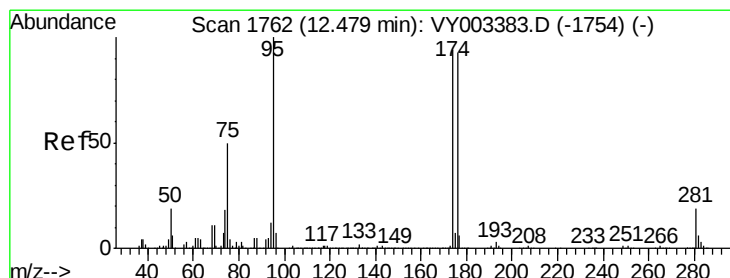
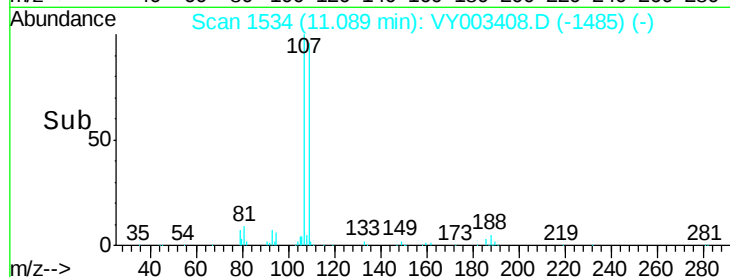
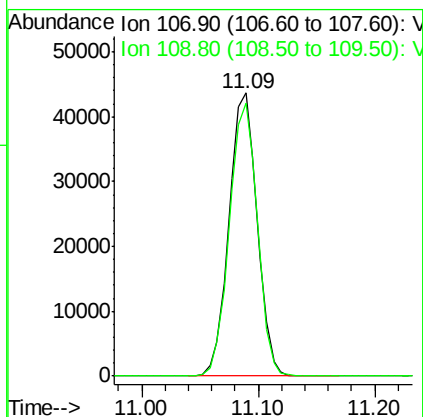
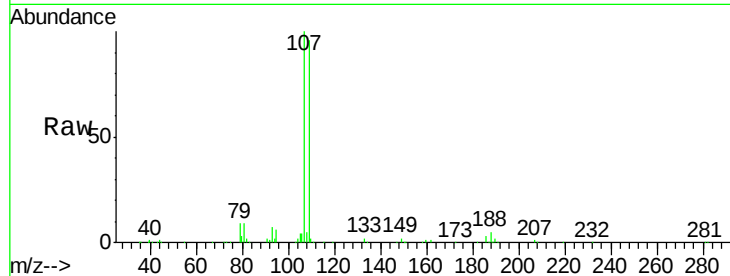




#61
 1,2-Dibromoethane
 Concen: 20.155 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

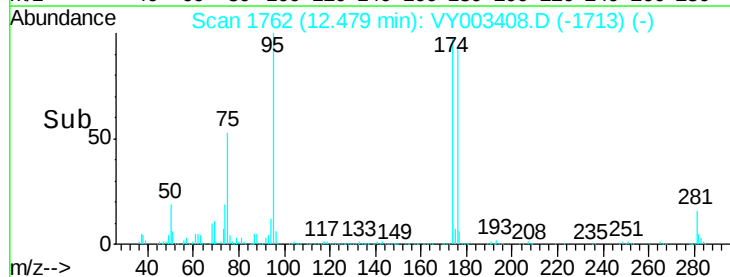
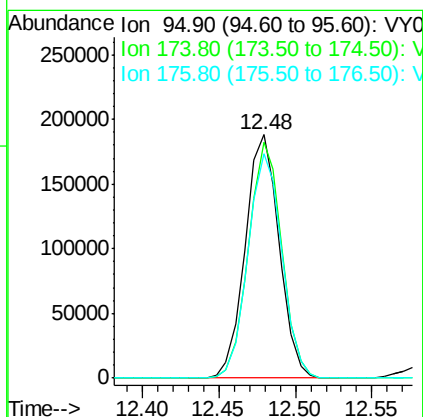
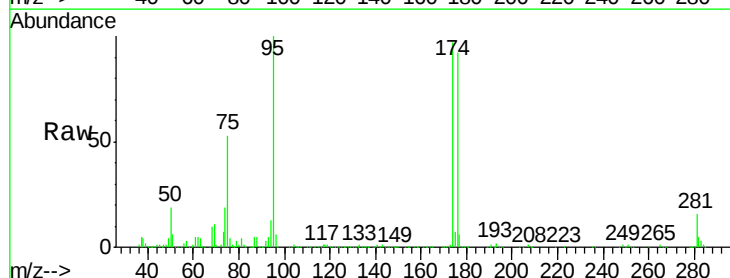
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

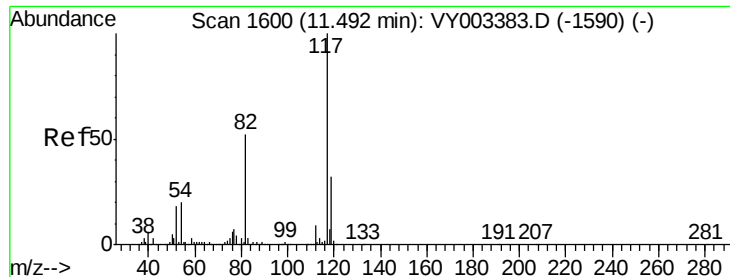
Tot Ion: 107 Resp: 73479
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 52.926 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion: 95 Resp: 290092
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 190.0
 176 92.1 0.0 184.4

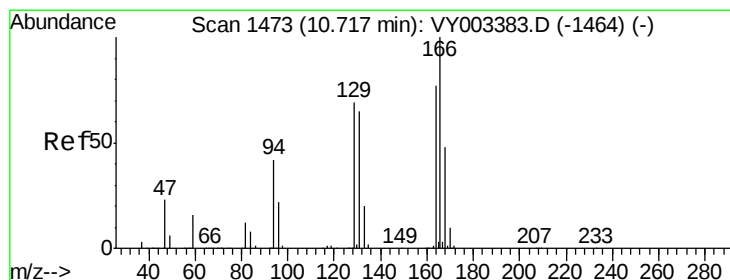
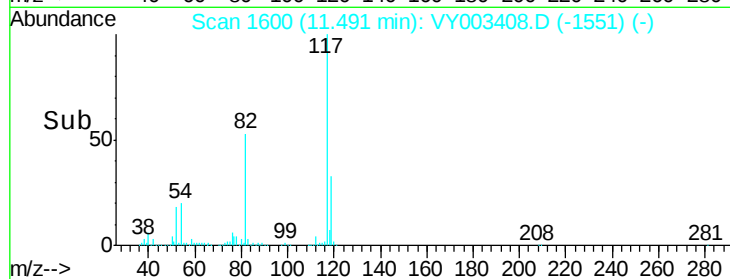
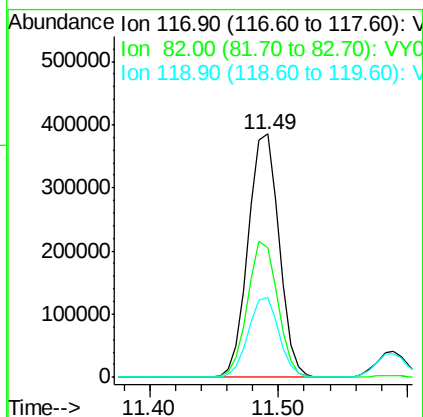
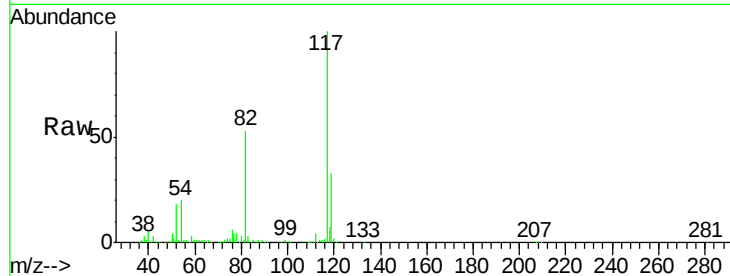




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

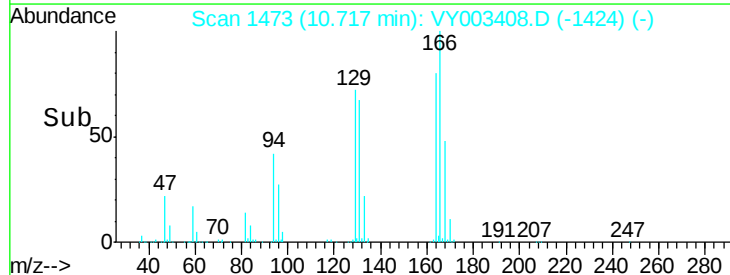
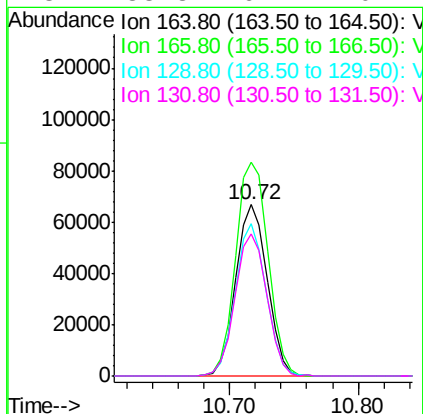
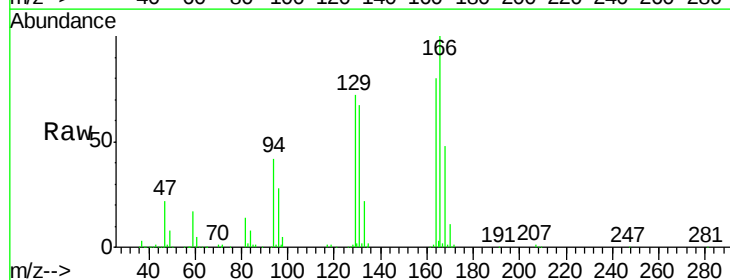
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

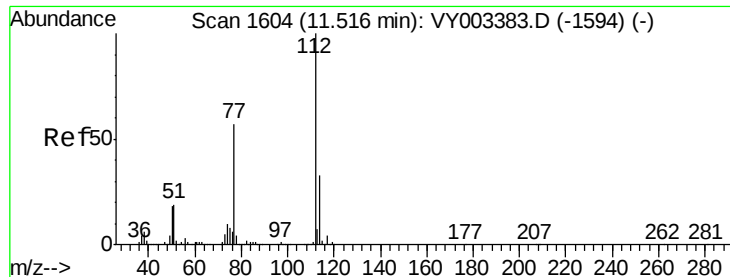
Tot Ion:117 Resp: 637491
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 21.177 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion:164 Resp: 112860
Ion Ratio Lower Upper
164 100
166 124.9 103.3 154.9
129 89.5 71.2 106.8
131 83.3 67.4 101.2

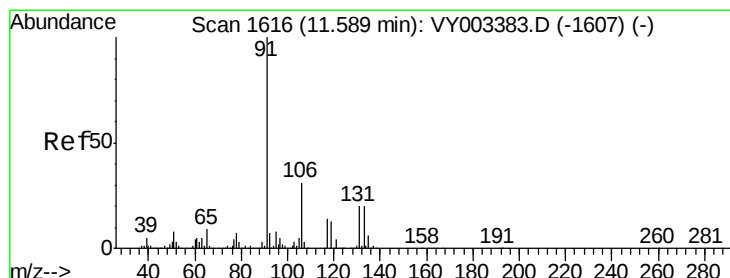
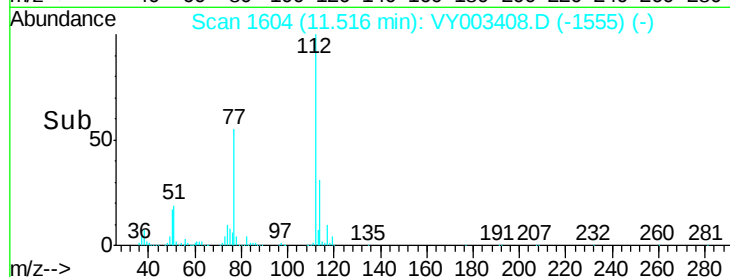
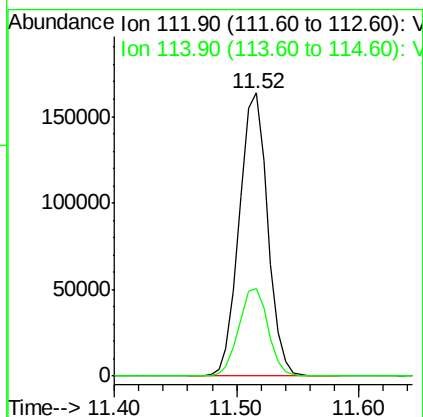
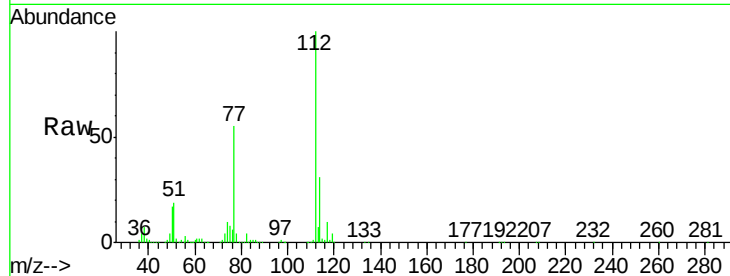




#65
Chlorobenzene
Concen: 21.018 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

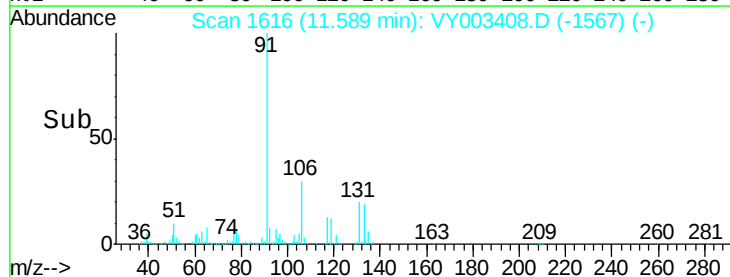
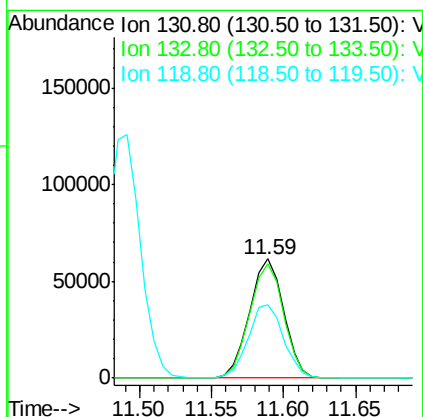
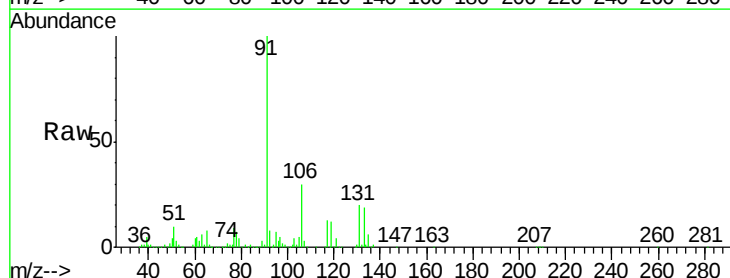
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

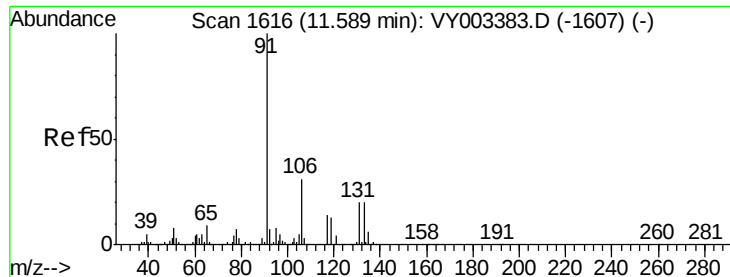
Tot Ion:112 Resp: 262930
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.740 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion:131 Resp: 100917
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.3
119 63.5 32.0 96.2





#67

Ethyl Benzene

Concen: 20.964 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

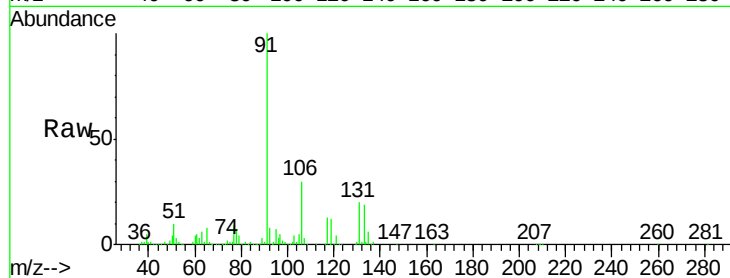
VY0803SBS01

Tot Ion: 91 Resp: 472879

Ion Ratio Lower Upper

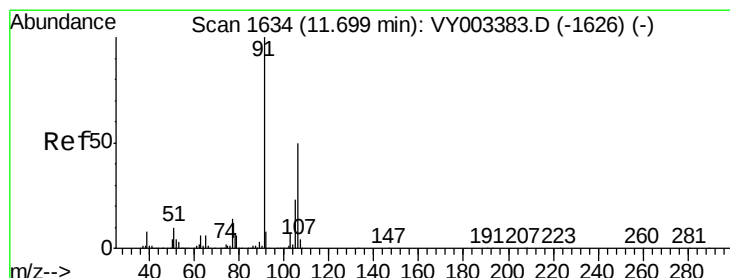
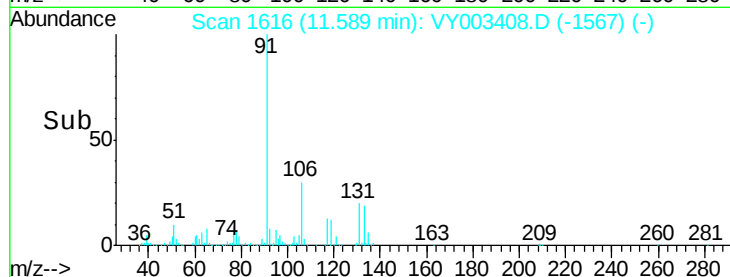
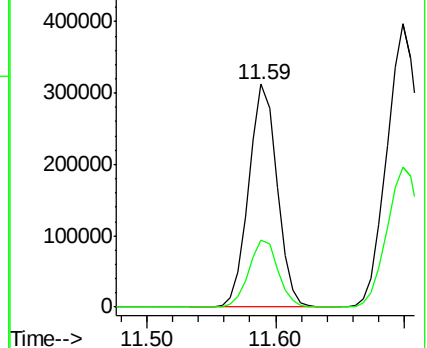
91 100

106 29.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.068 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003408.D

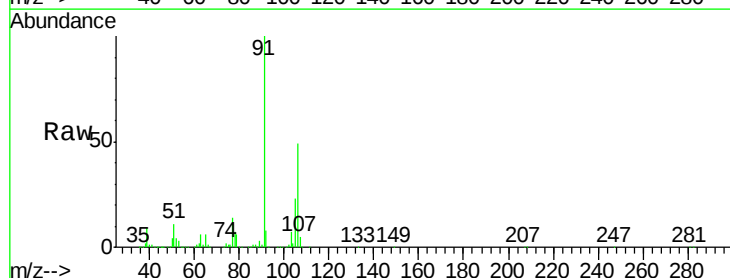
Acq: 03 Aug 2020 11:39

Tgt Ion: 106 Resp: 357735

Ion Ratio Lower Upper

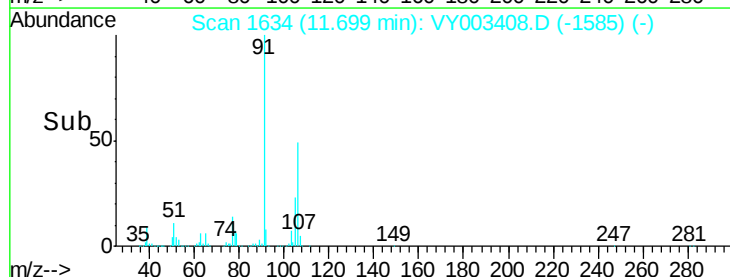
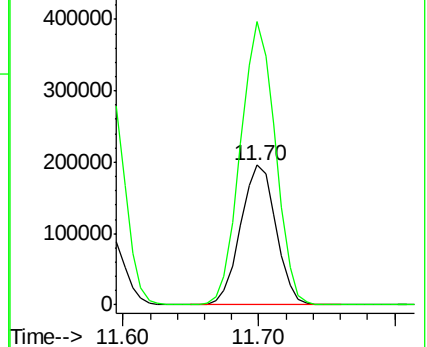
106 100

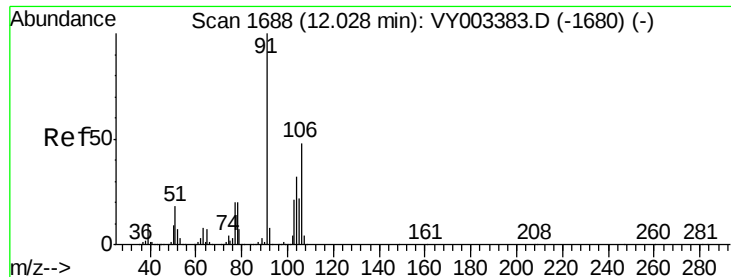
91 198.3 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

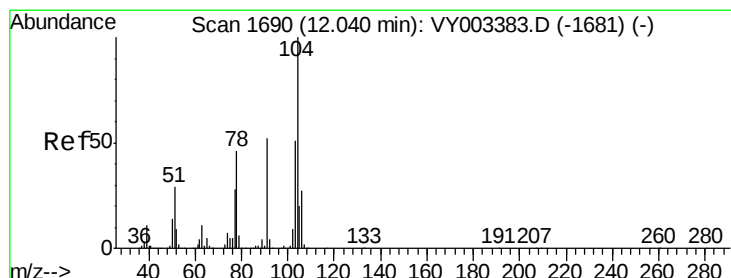
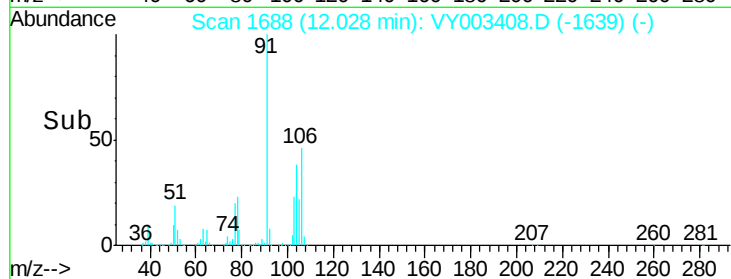
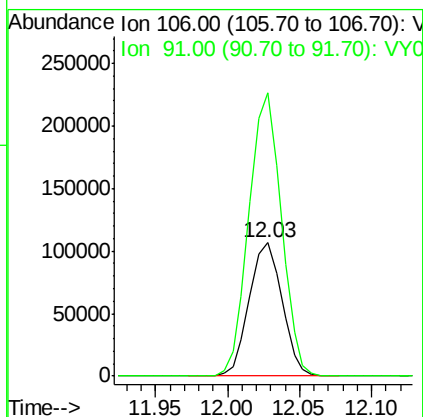
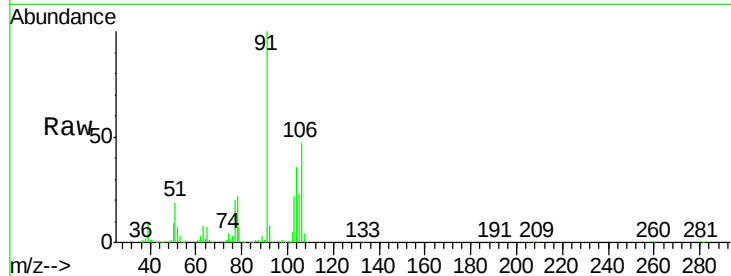




#69
o-Xylene
Concen: 21.174 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

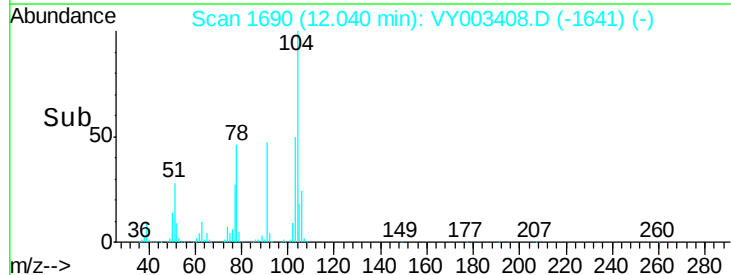
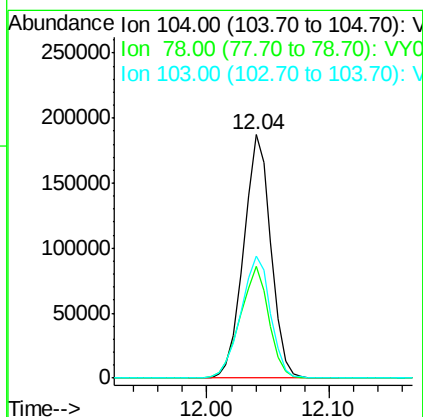
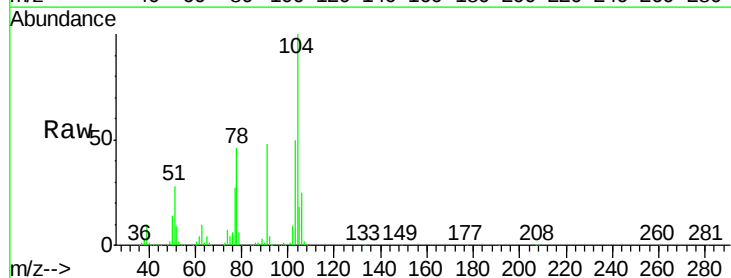
Instrument :
MSVOA_Y
ClientSampled :
VY0803SBS01

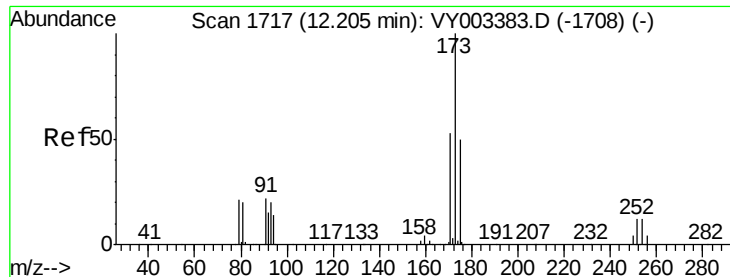
Tot Ion:106 Resp: 168552
Ion Ratio Lower Upper
106 100
91 209.4 104.6 313.7



#70
Styrene
Concen: 21.229 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion:104 Resp: 289152
Ion Ratio Lower Upper
104 100
78 48.3 39.3 58.9
103 54.9 43.7 65.5

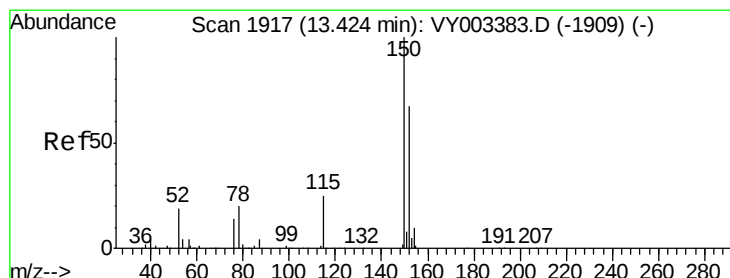
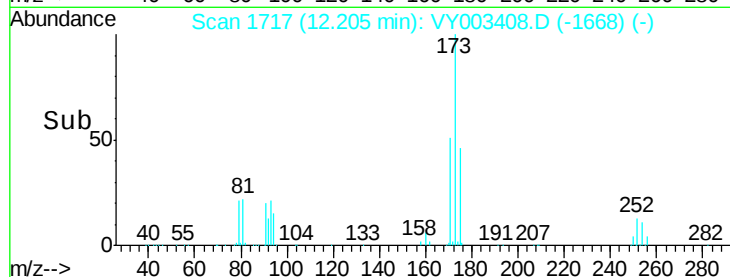
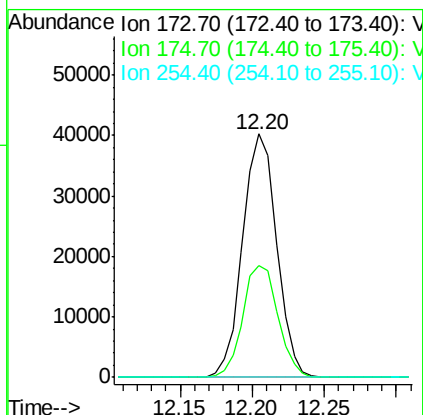
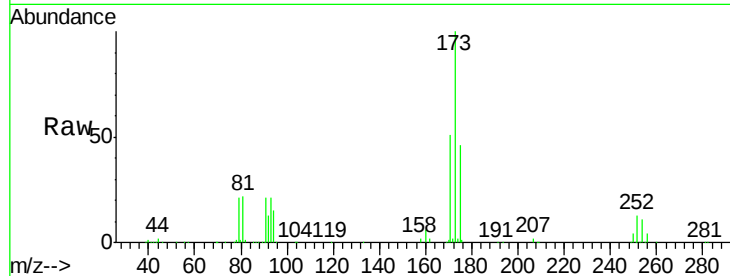




#71
Bromoform
Concen: 20.840 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

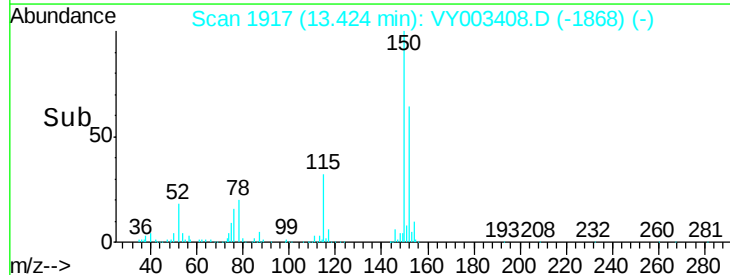
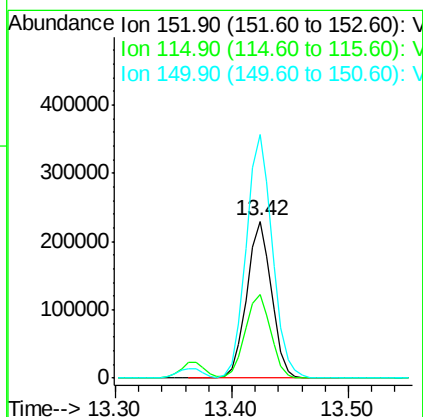
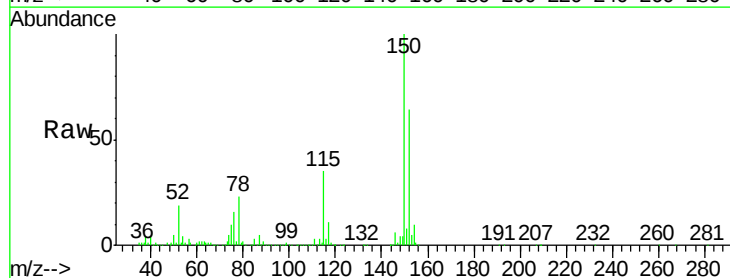
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBSD01

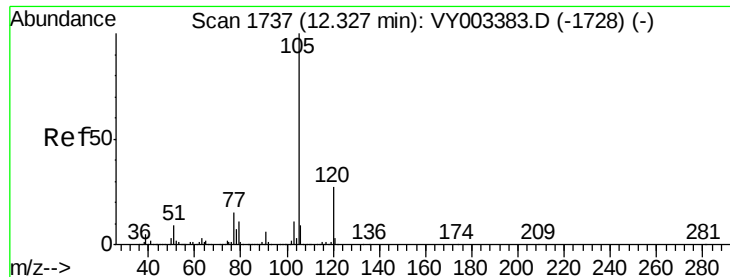
Tot Ion:173 Resp: 65895
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.2
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion:152 Resp: 341578
Ion Ratio Lower Upper
152 100
115 54.8 27.2 81.5
150 164.0 0.0 346.8





#73

Isopropylbenzene

Concen: 20.916 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

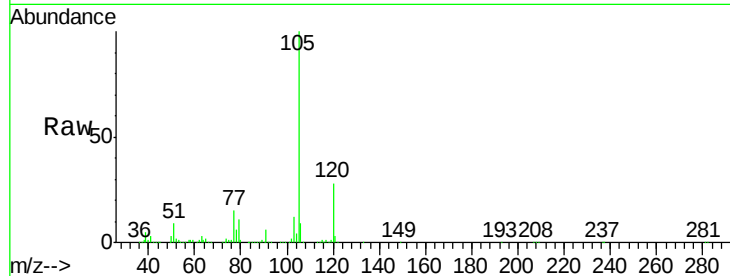
VY0803SBSD01

Tot Ion:105 Resp: 461755

Ion Ratio Lower Upper

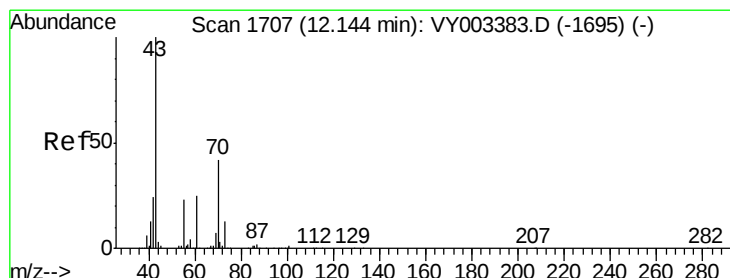
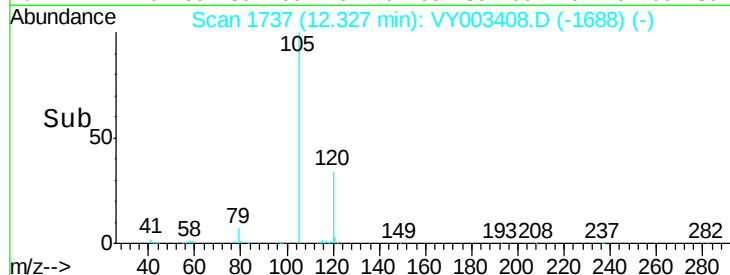
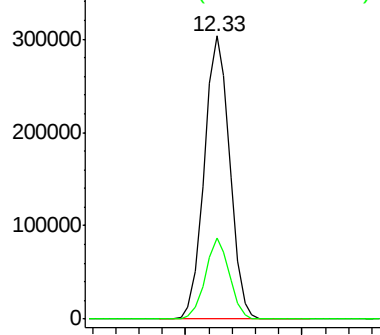
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.139 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Tgt Ion: 43 Resp: 131039

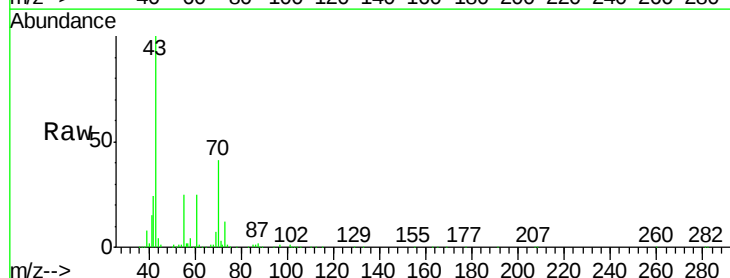
Ion Ratio Lower Upper

43 100

70 41.6 33.6 50.4

55 24.4 18.5 27.7

61 24.7 19.8 29.8

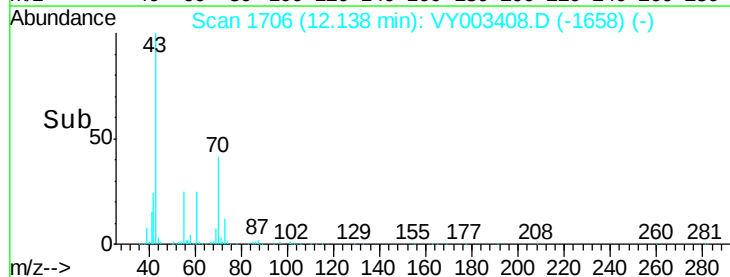
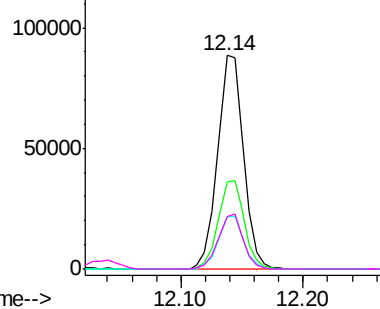


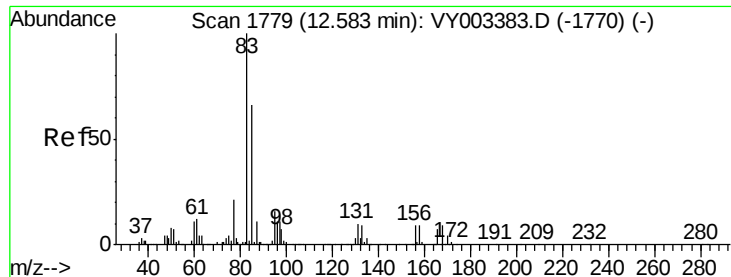
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.810 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBSD01

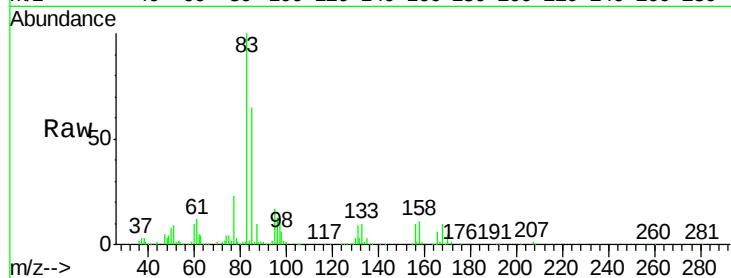
Tot Ion: 83 Resp: 86625

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

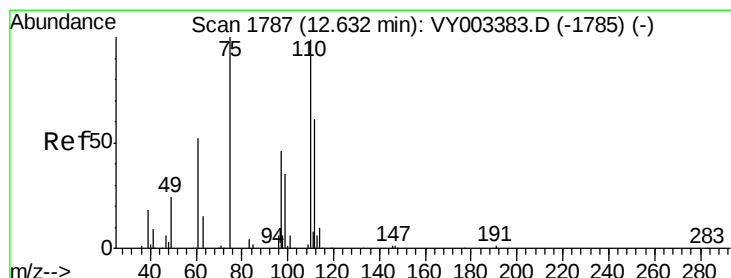
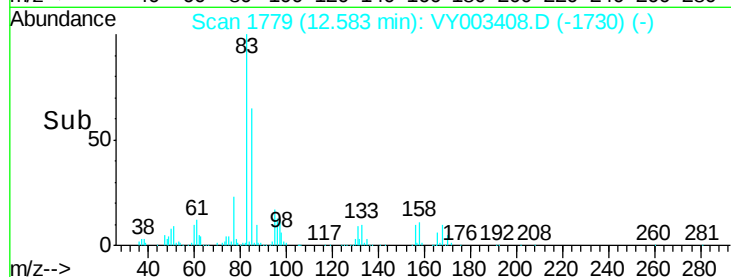
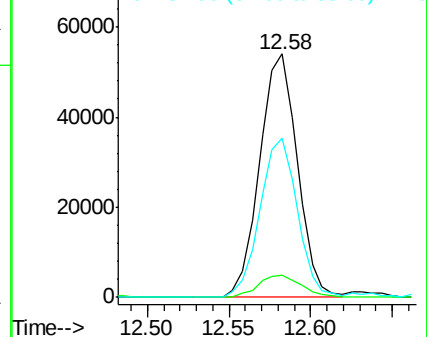
85 64.8 31.9 95.5



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: 39.737 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003408.D

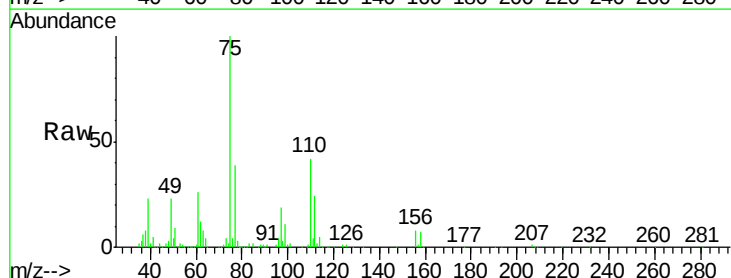
Acq: 03 Aug 2020 11:39

Tgt Ion: 75 Resp: 121936

Ion Ratio Lower Upper

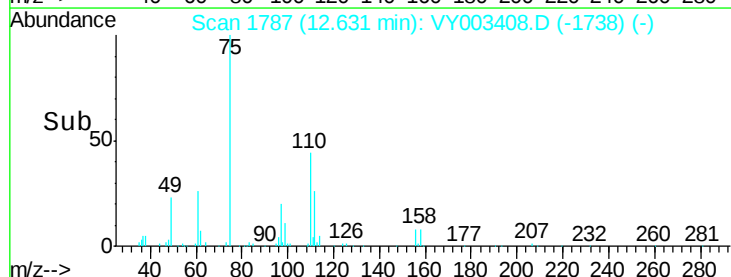
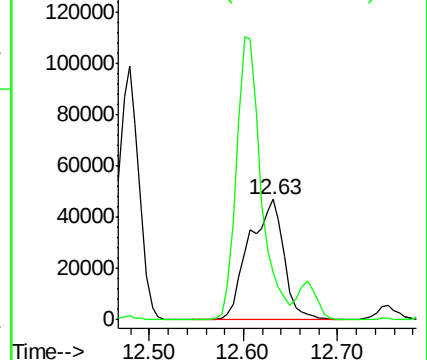
75 100

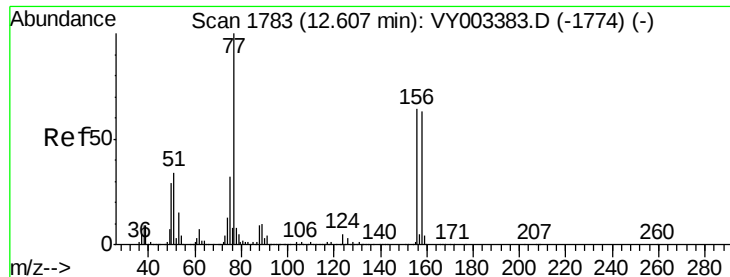
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.967 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

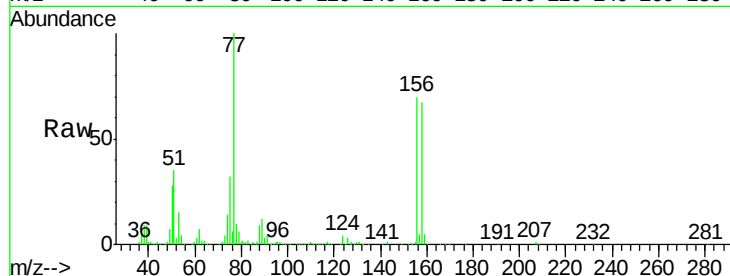
Tot Ion:156 Resp: 117609

Ion Ratio Lower Upper

156 100

77 170.5 87.5 262.5

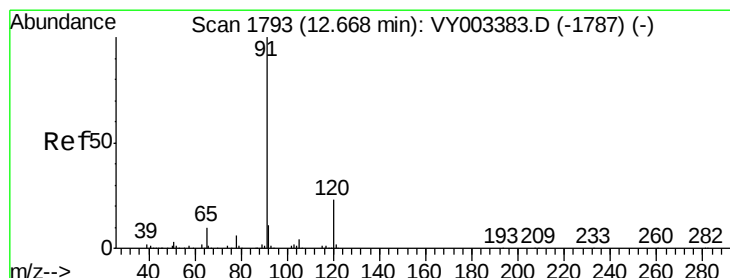
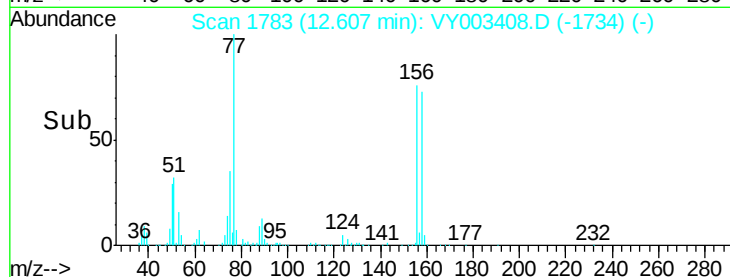
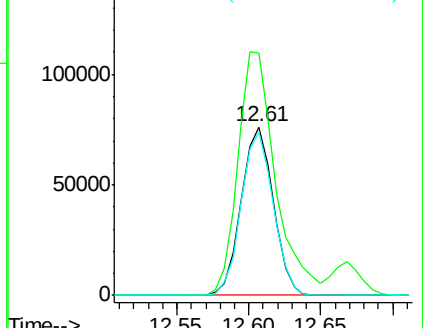
158 96.7 48.7 146.1



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: 20.951 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003408.D

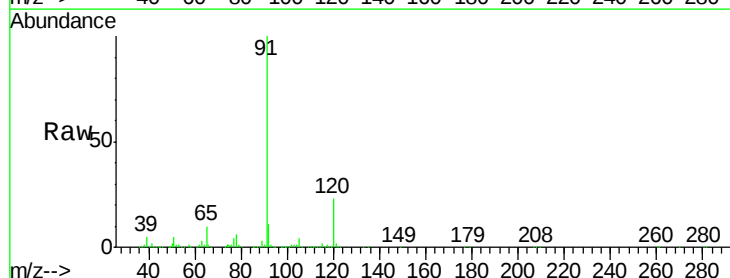
Acq: 03 Aug 2020 11:39

Tgt Ion: 91 Resp: 553557

Ion Ratio Lower Upper

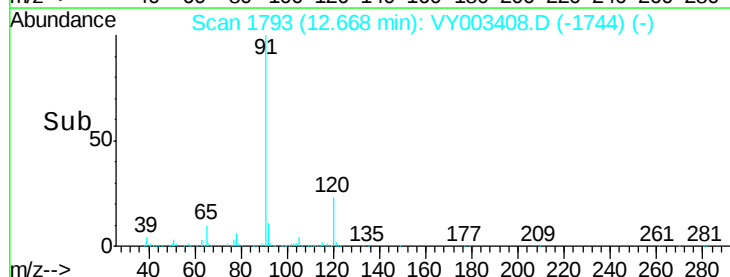
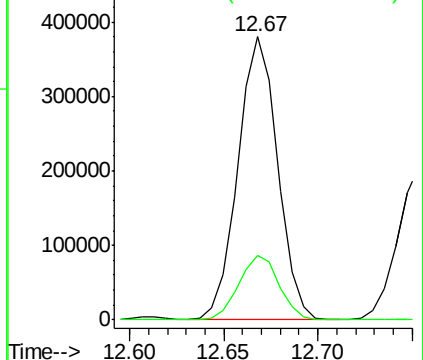
91 100

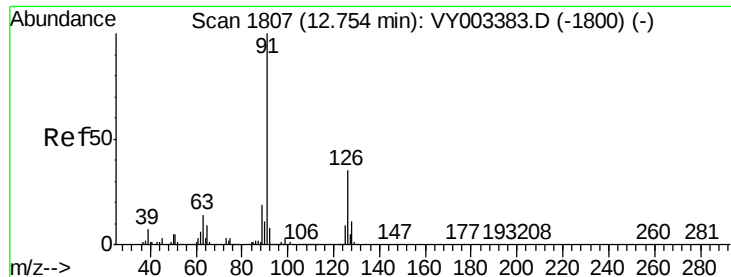
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

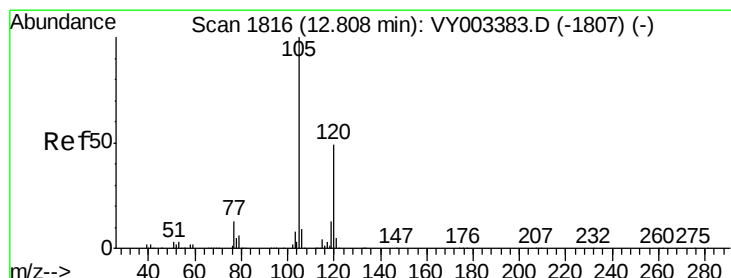
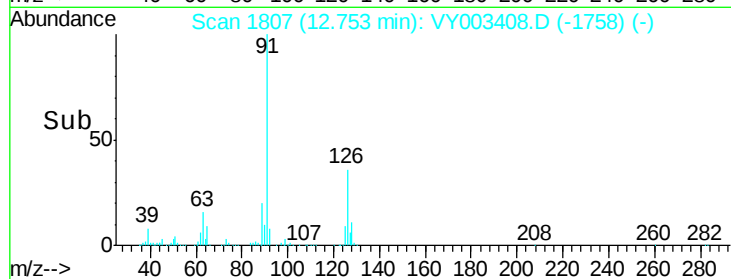
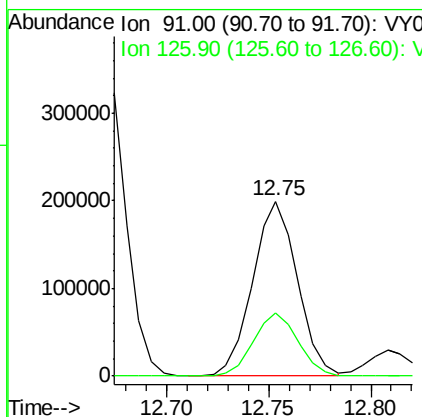
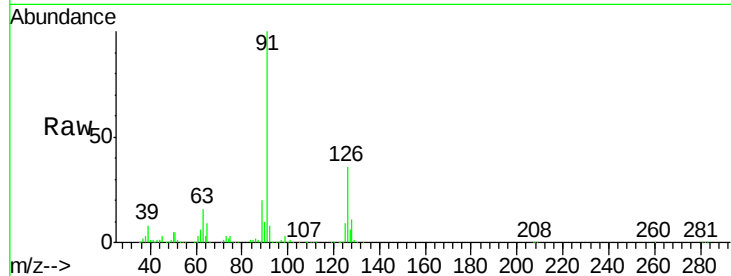




#79
 2-Chlorotoluene
 Concen: 20.679 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

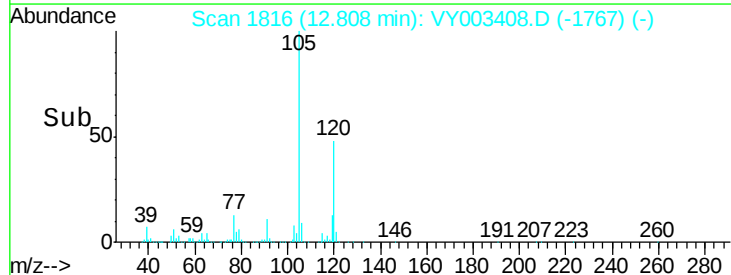
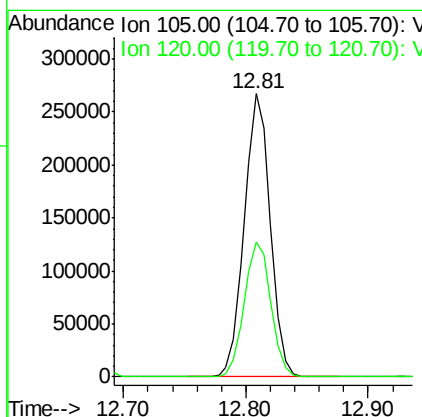
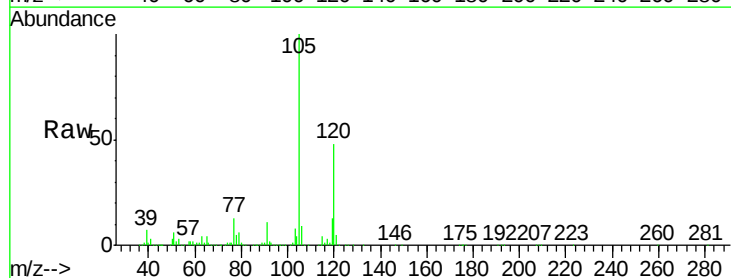
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

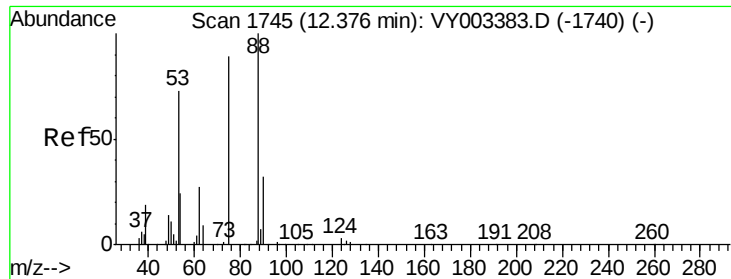
Tot Ion: 91 Resp: 303157
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.154 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion: 105 Resp: 392089
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.012 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBSD01

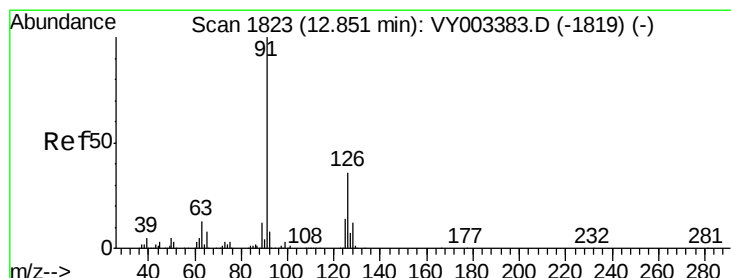
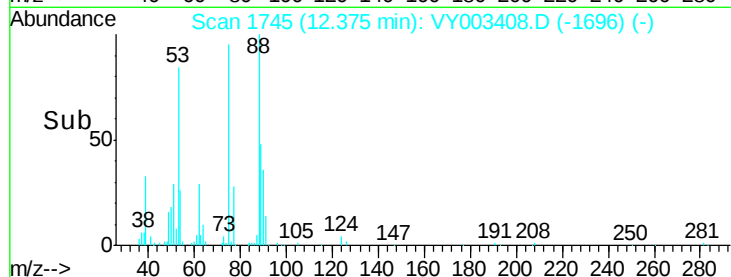
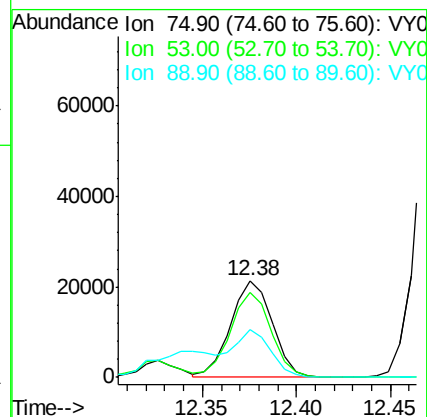
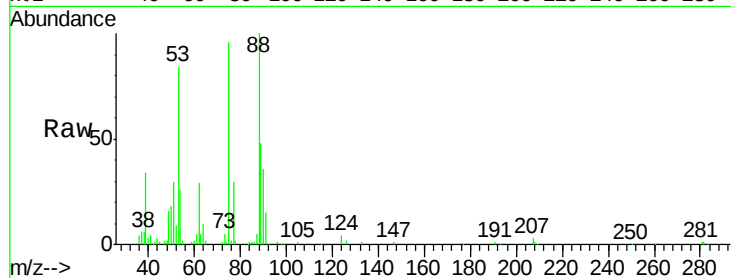
Tot Ion: 75 Resp: 32469

Ion Ratio Lower Upper

75 100

53 88.4 69.5 104.3

89 45.9 33.8 50.6



#82

4-Chlorotoluene

Concen: 21.490 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003408.D

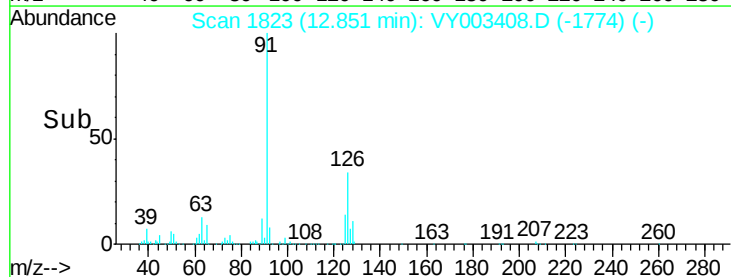
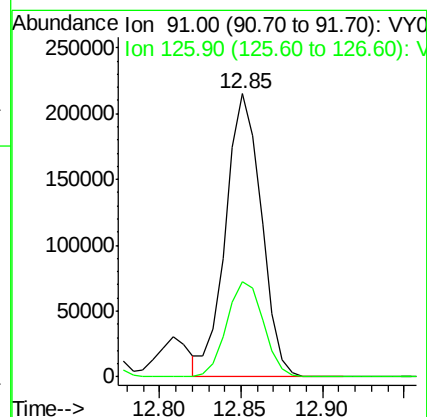
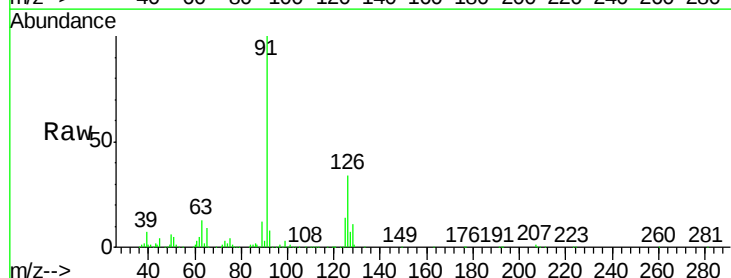
Acq: 03 Aug 2020 11:39

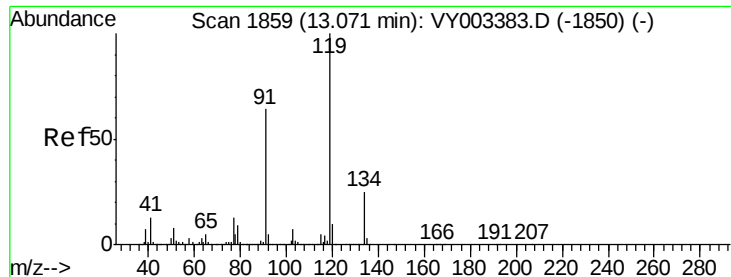
Tgt Ion: 91 Resp: 327374

Ion Ratio Lower Upper

91 100

126 34.8 18.1 54.4





#83

tert-Butylbenzene

Concen: 20.805 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

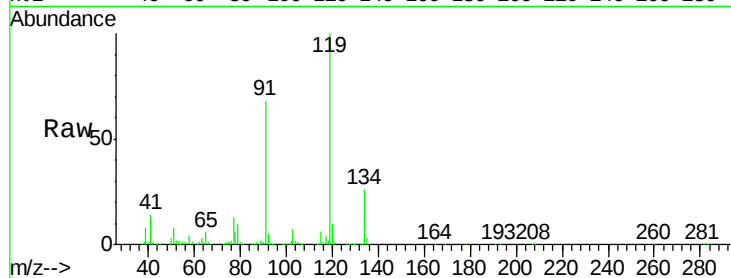
Tot Ion:119 Resp: 334783

Ion Ratio Lower Upper

119 100

91 64.0 31.8 95.3

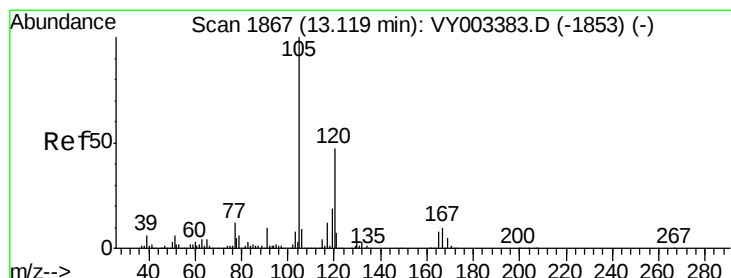
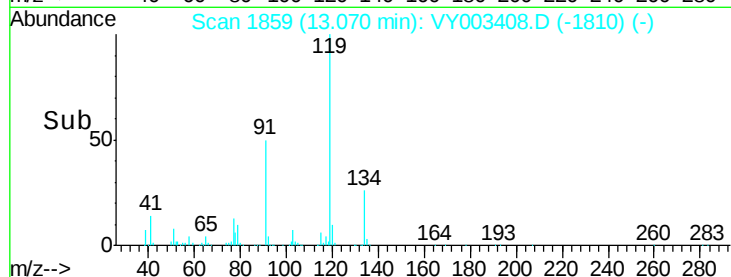
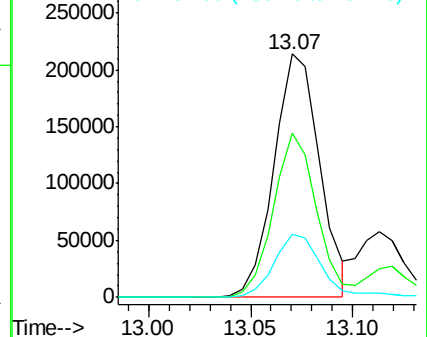
134 27.1 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.173 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003408.D

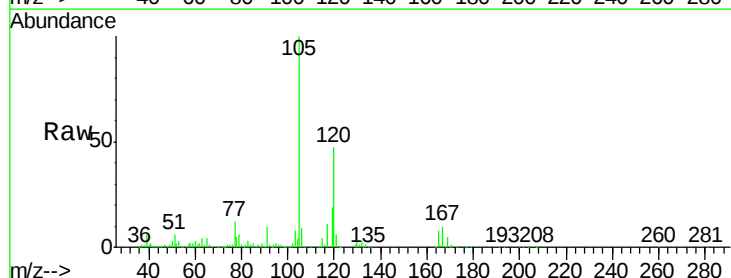
Acq: 03 Aug 2020 11:39

Tgt Ion:105 Resp: 394438

Ion Ratio Lower Upper

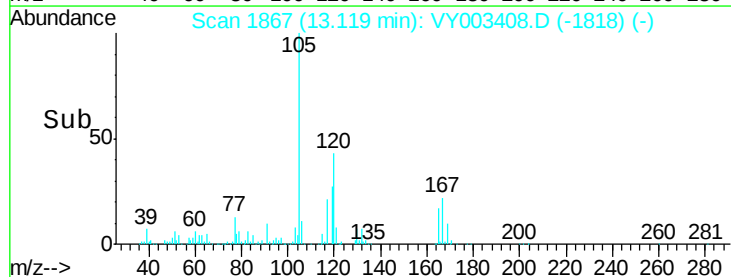
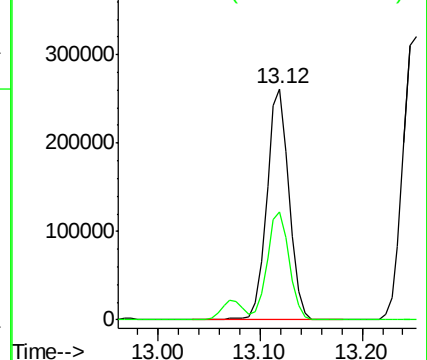
105 100

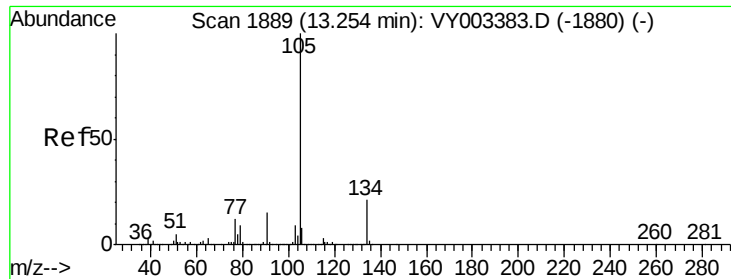
120 46.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.246 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

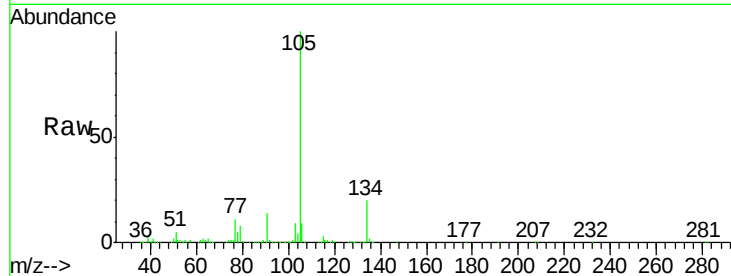
VY0803SBSD01

Tot Ion:105 Resp: 475564

Ion Ratio Lower Upper

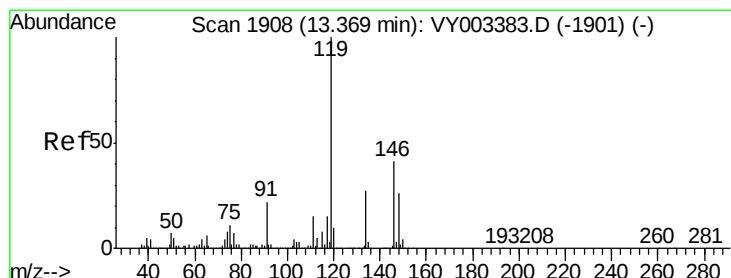
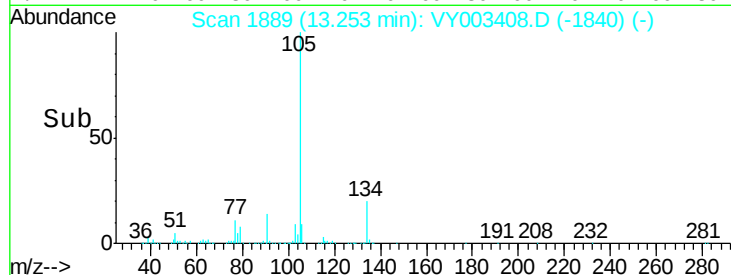
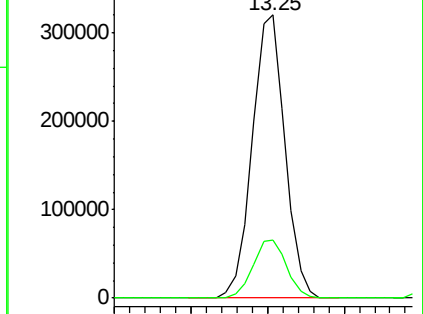
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.929 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

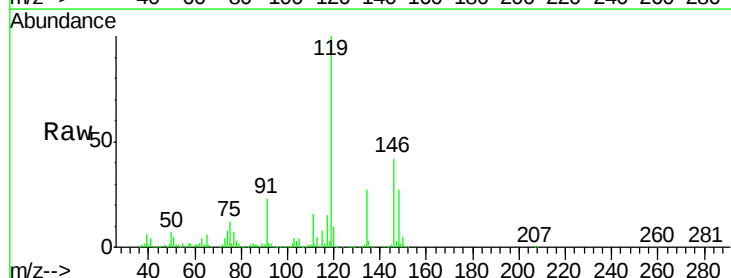
Tgt Ion:119 Resp: 438156

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

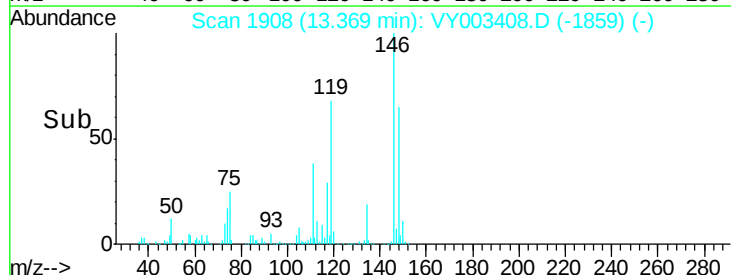
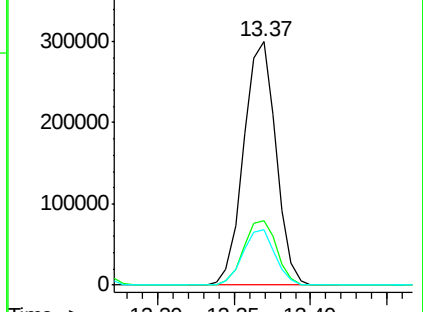
91 22.6 11.4 34.1

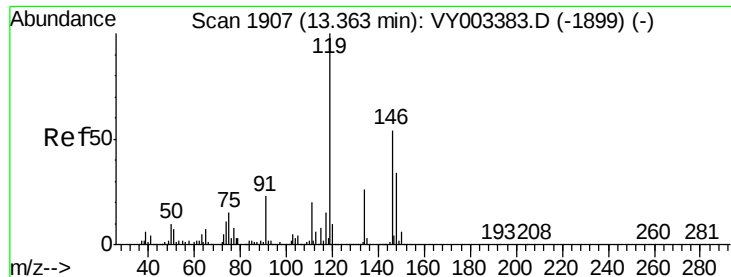


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

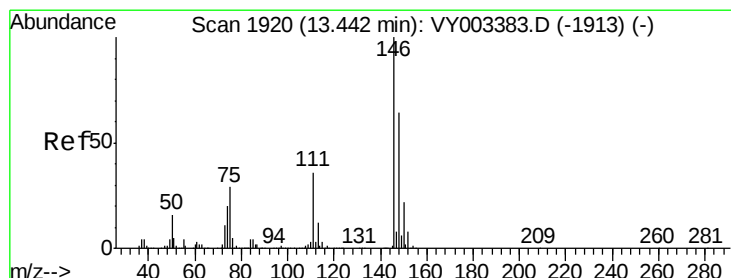
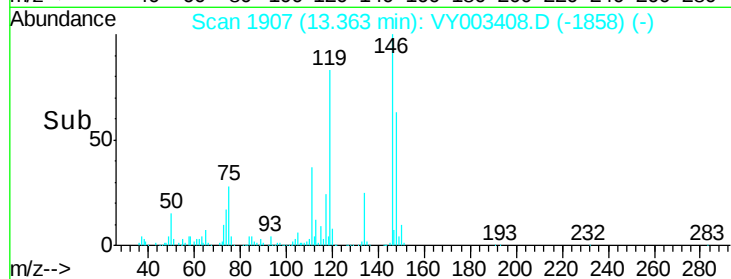
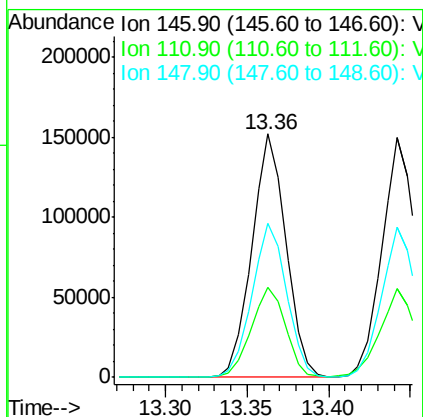
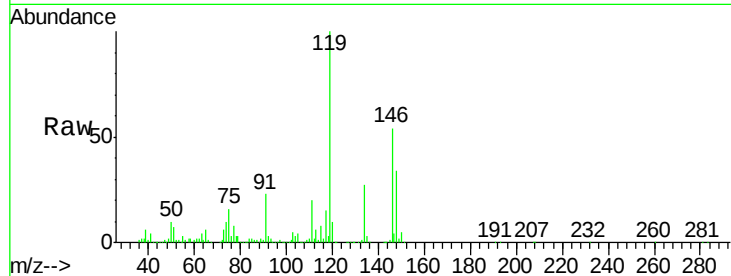




#87
 1,3-Dichlorobenzene
 Concen: 20.712 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

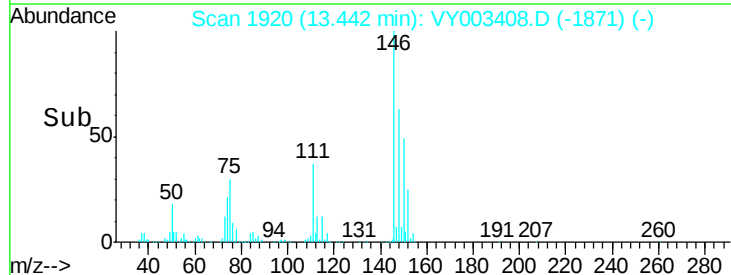
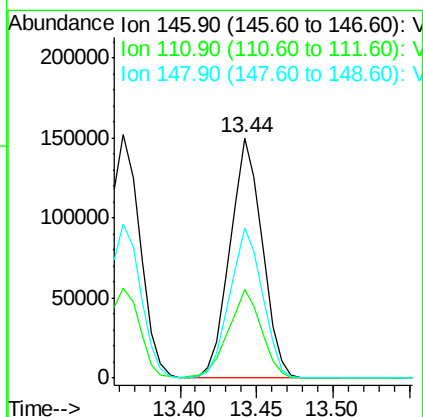
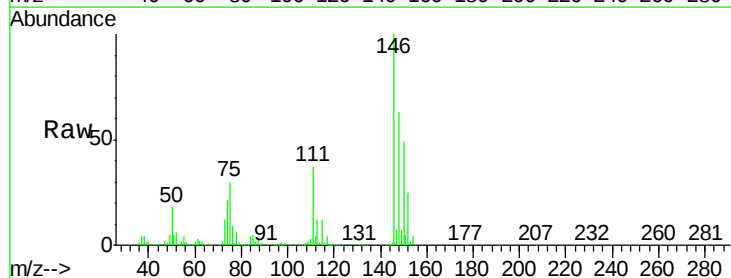
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

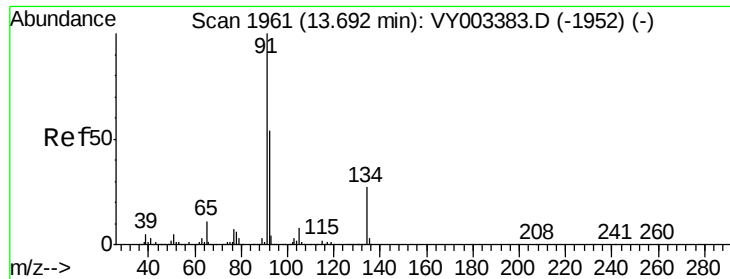
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	64.2	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.821 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.3
148	63.8	32.1	96.3

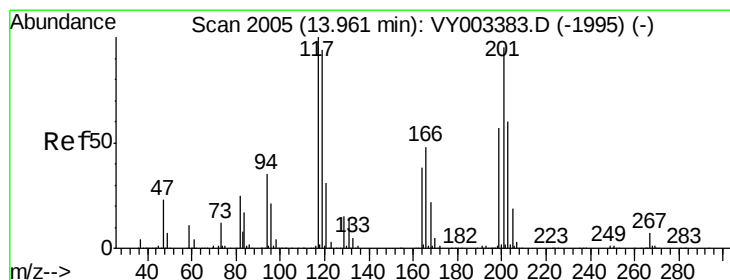
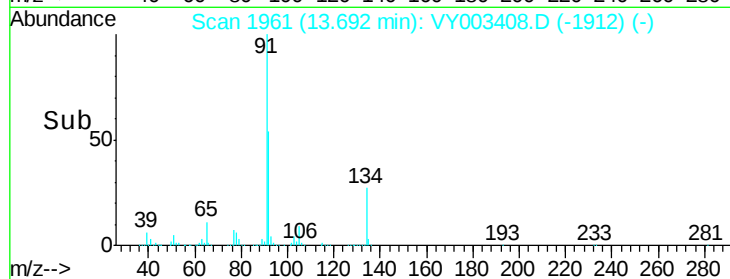
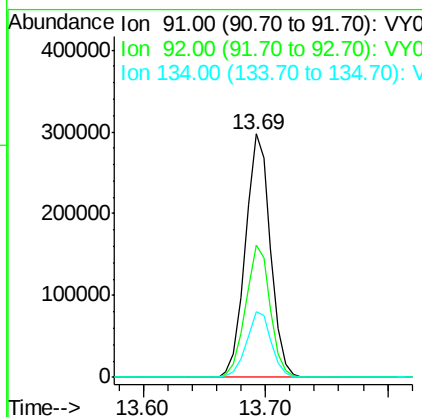
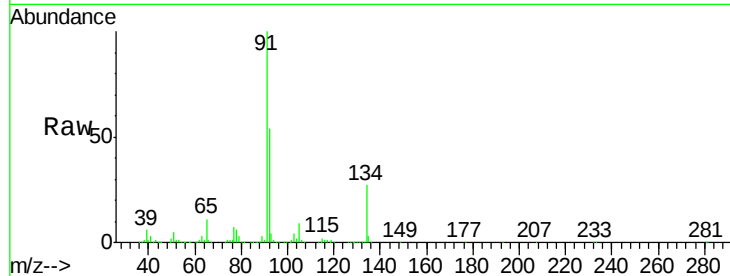




#89
n-Butylbenzene
Concen: 21.223 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

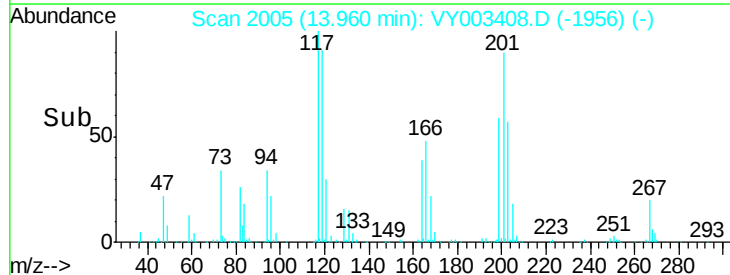
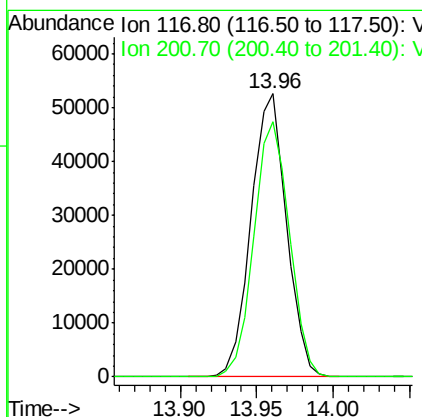
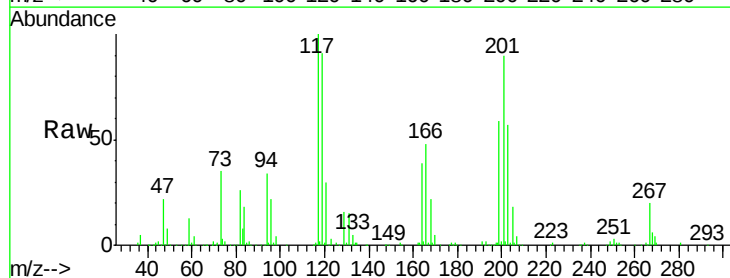
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

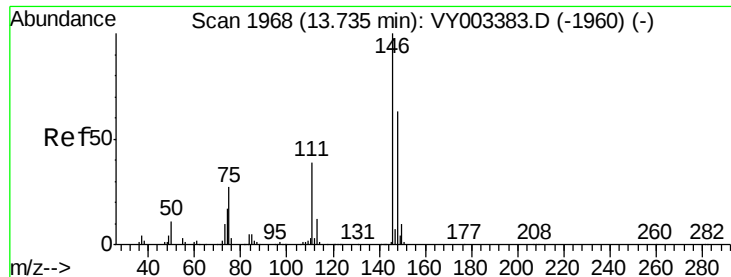
Tot Ion: 91 Resp: 419890
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 21.114 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion: 117 Resp: 84676
Ion Ratio Lower Upper
117 100
201 90.6 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 20.964 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

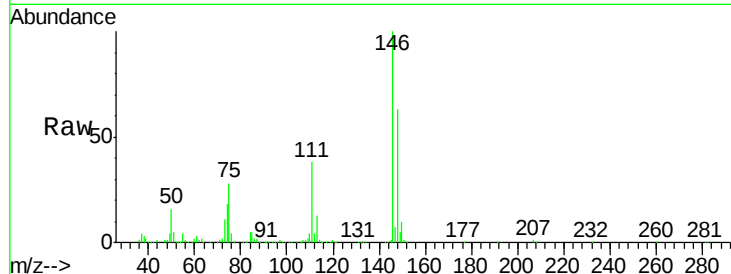
Tot Ion:146 Resp: 198281

Ion Ratio Lower Upper

146 100

111 38.0 19.2 57.6

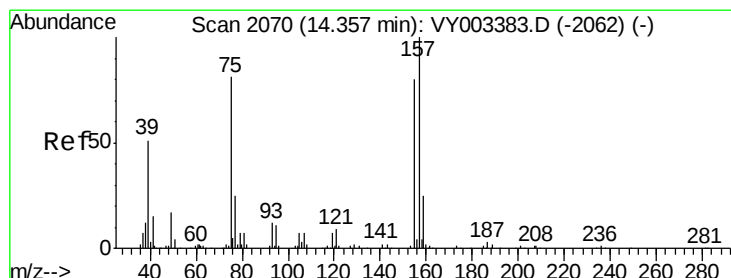
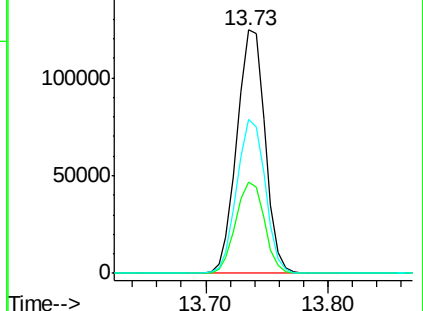
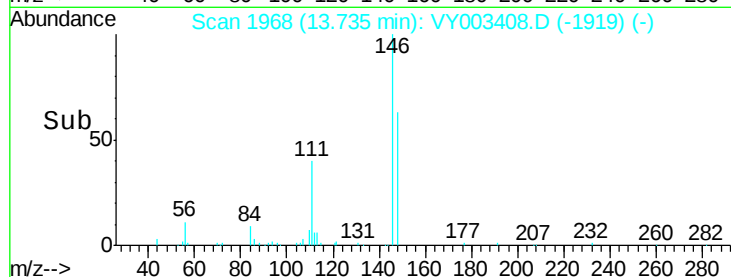
148 63.9 32.1 96.5



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: 20.545 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003408.D

Acq: 03 Aug 2020 11:39

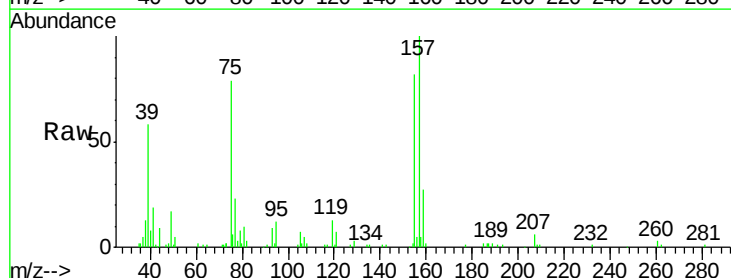
Tgt Ion: 75 Resp: 14474

Ion Ratio Lower Upper

75 100

155 94.1 48.8 146.4

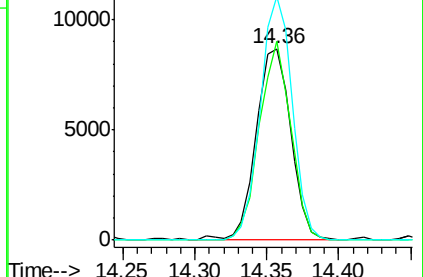
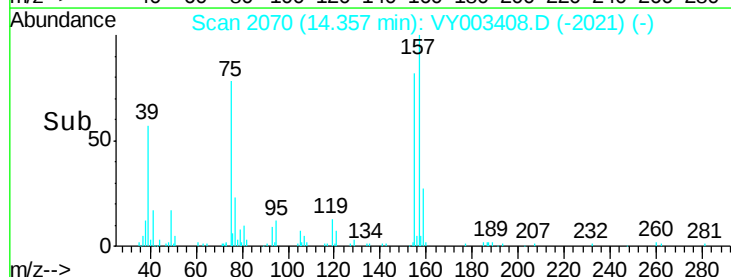
157 116.8 60.9 182.6

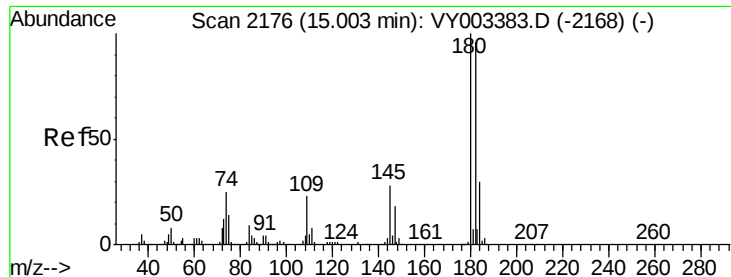


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

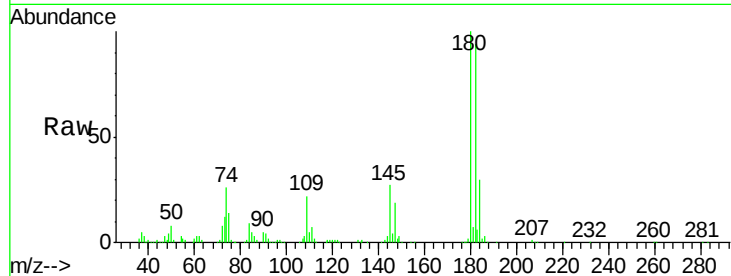




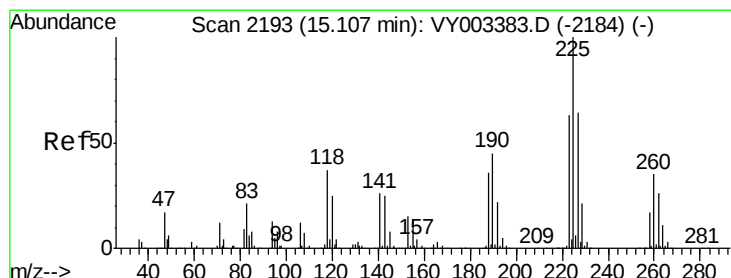
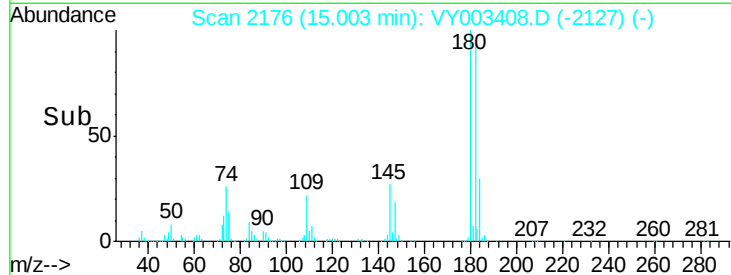
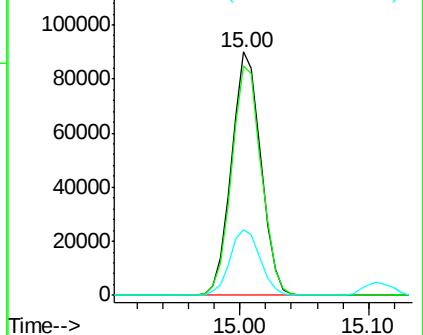
#93
 1,2,4-Trichlorobenzene
 Concen: 21.347 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.2	144.6
145	27.9	13.8	41.3

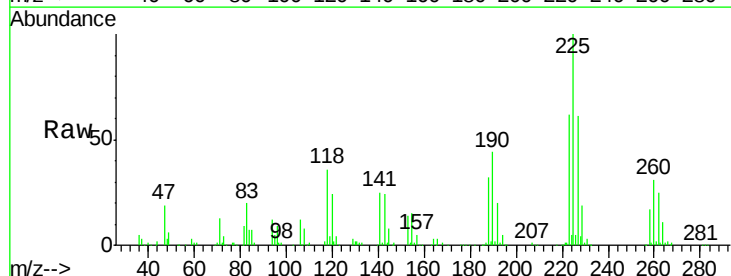


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

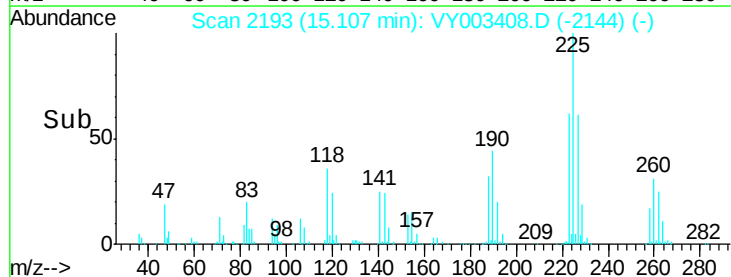
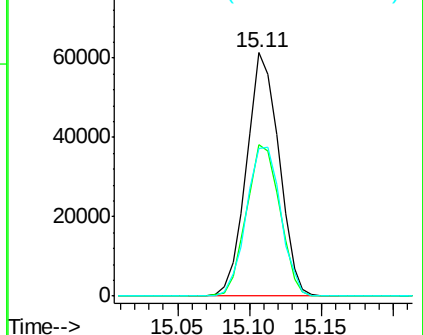


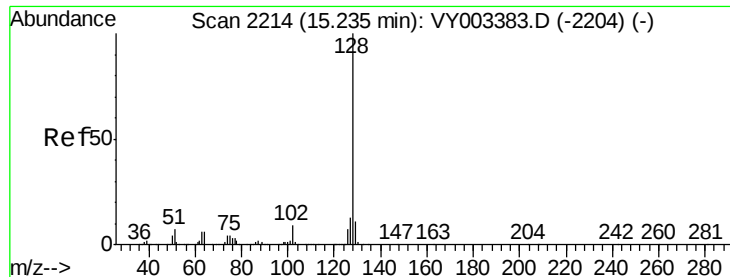
#94
 Hexachlorobutadiene
 Concen: 21.523 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003408.D
 Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.6	94.8
227	64.8	32.0	96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

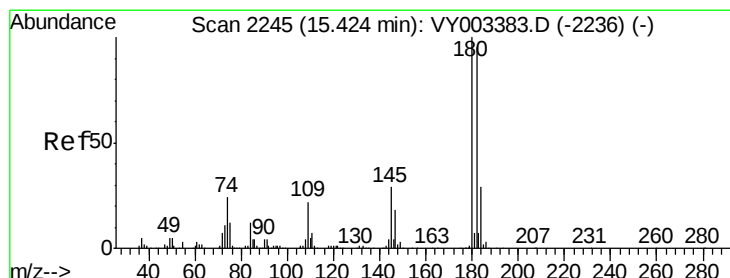
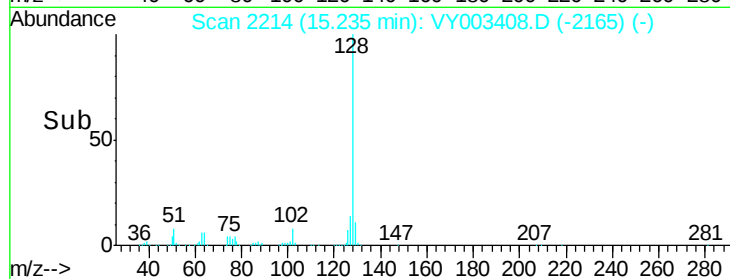
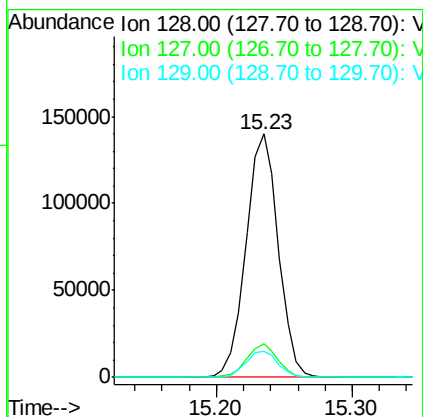
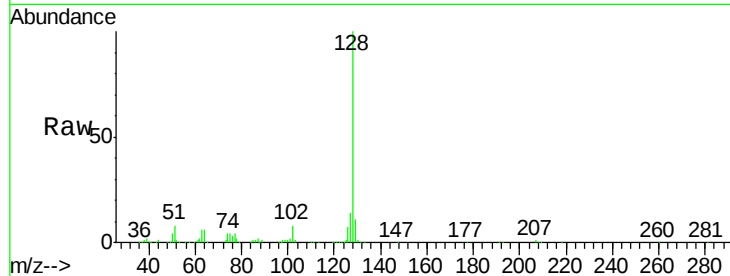




#95
Naphthalene
Concen: 20.425 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.468 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003408.D
Acq: 03 Aug 2020 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	29.1	14.5	43.5

