

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060420\
 Data File : VY002837.D
 Acq On : 04 Jun 2020 13:06
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Quant Time: Jun 04 16:32:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	340148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	505007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	463642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	247986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	139983	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	7.72	113	146910	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	10.18	98	564449	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	12.48	95	198855	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	49819	21.286	ug/l 98
3) Chloromethane	2.12	50	55830	21.566	ug/l 100
4) Vinyl Chloride	2.26	62	60793	22.217	ug/l 99
5) Bromomethane	2.65	94	43165	21.050	ug/l 95
6) Chloroethane	2.79	64	38192	21.531	ug/l 97
7) Trichlorofluoromethane	3.13	101	102863	21.225	ug/l 98
8) Diethyl Ether	3.54	74	38730	20.467	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	65125	22.633	ug/l 99
10) Methyl Iodide	4.10	142	83432	20.722	ug/l 99
11) Tert butyl alcohol	4.96	59	38484	114.304	ug/l 98
12) 1,1-Dichloroethene	3.88	96	63985	22.112	ug/l 94
13) Acrolein	3.74	56	31385	90.680	ug/l 100
14) Allyl chloride	4.49	41	94996	22.889	ug/l 97
15) Acrylonitrile	5.18	53	95511	111.881	ug/l 99
16) Acetone	3.96	43	73955	106.788	ug/l 99
17) Carbon Disulfide	4.19	76	185744	21.242	ug/l 100
18) Methyl Acetate	4.48	43	46239	26.147	ug/l 98
19) Methyl tert-butyl Ether	5.22	73	173912	21.770	ug/l 98
20) Methylene Chloride	4.72	84	80703	23.846	ug/l 98
21) trans-1,2-Dichloroethene	5.22	96	70684	21.721	ug/l 99
22) Diisopropyl ether	6.12	45	197954	22.953	ug/l 94
23) Vinyl Acetate	6.07	43	641169	112.604	ug/l 98
24) 1,1-Dichloroethane	6.03	63	112042	22.208	ug/l 99
25) 2-Butanone	6.99	43	119840	111.068	ug/l 96
26) 2,2-Dichloropropane	6.99	77	103619	21.415	ug/l 100
27) cis-1,2-Dichloroethene	6.99	96	78838	21.641	ug/l 100
28) Bromochloromethane	7.34	49	46888	22.640	ug/l 96
29) Tetrahydrofuran	7.35	42	78615	112.013	ug/l 100
30) Chloroform	7.52	83	117289	21.909	ug/l 96
31) Cyclohexane	7.79	56	108228	21.607	ug/l 94
32) 1,1,1-Trichloroethane	7.71	97	105725	21.193	ug/l 99
36) 1,1-Dichloropropene	7.92	75	92226	21.680	ug/l 100
37) Ethyl Acetate	7.08	43	53113	22.948	ug/l 99
38) Carbon Tetrachloride	7.90	117	98890	20.925	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	119705	21.348	ug/l	99
40) Benzene	8.16	78	272741	21.698	ug/l	100
41) Methacrylonitrile	7.33	41	33422m	26.879	ug/l	
42) 1,2-Dichloroethane	8.24	62	74432	21.129	ug/l	100
43) Isopropyl Acetate	8.28	43	97743	22.285	ug/l	99
44) Trichloroethene	8.94	130	83042	20.915	ug/l	97
45) 1,2-Dichloropropane	9.22	63	66293	21.992	ug/l	99
46) Dibromomethane	9.31	93	39156	21.872	ug/l	98
47) Bromodichloromethane	9.50	83	92704	21.966	ug/l	95
48) Methyl methacrylate	9.30	41	43805	22.124	ug/l	97
49) 1,4-Dioxane	9.31	88	11270	409.997	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	258380	111.250	ug/l	99
52) Toluene	10.24	92	175691	21.366	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	99343	21.551	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	112517	21.541	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	58828	21.464	ug/l	94
56) Ethyl methacrylate	10.51	69	78731	21.447	ug/l	99
57) 1,3-Dichloropropane	10.79	76	99201	22.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	189039	105.388	ug/l	100
59) 2-Hexanone	10.83	43	181300	110.020	ug/l	99
60) Dibromochloromethane	10.99	129	75104	21.614	ug/l	100
61) 1,2-Dibromoethane	11.09	107	58868	21.774	ug/l	99
64) Tetrachloroethene	10.72	164	86830	20.606	ug/l	98
65) Chlorobenzene	11.52	112	195006	21.280	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	73896	21.411	ug/l	97
67) Ethyl Benzene	11.59	91	340423	21.428	ug/l	98
68) m/p-Xylenes	11.70	106	264394	42.924	ug/l	99
69) o-Xylene	12.03	106	125505	21.583	ug/l	99
70) Styrene	12.05	104	217217	21.549	ug/l	100
71) Bromoform	12.21	173	49887	21.602	ug/l #	99
73) Isopropylbenzene	12.33	105	342440	21.548	ug/l	100
74) N-amyl acetate	12.14	43	90724	22.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	65502	23.491	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	50899m	22.778	ug/l	
77) Bromobenzene	12.61	156	87457	21.135	ug/l	98
78) n-propylbenzene	12.67	91	400987	21.844	ug/l	99
79) 2-Chlorotoluene	12.75	91	220199	21.384	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	286000	21.554	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26533	22.371	ug/l	99
82) 4-Chlorotoluene	12.85	91	233903	21.680	ug/l	99
83) tert-Butylbenzene	13.08	119	254092	21.467	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	288485	21.622	ug/l	99
85) sec-Butylbenzene	13.25	105	351483	21.718	ug/l	100
86) p-Isopropyltoluene	13.37	119	327890	21.774	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	167845	21.413	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	168957	21.548	ug/l	99
89) n-Butylbenzene	13.70	91	297670	21.772	ug/l	100
90) Hexachloroethane	13.96	117	61671	21.876	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	153910	21.651	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11554	21.538	ug/l	99

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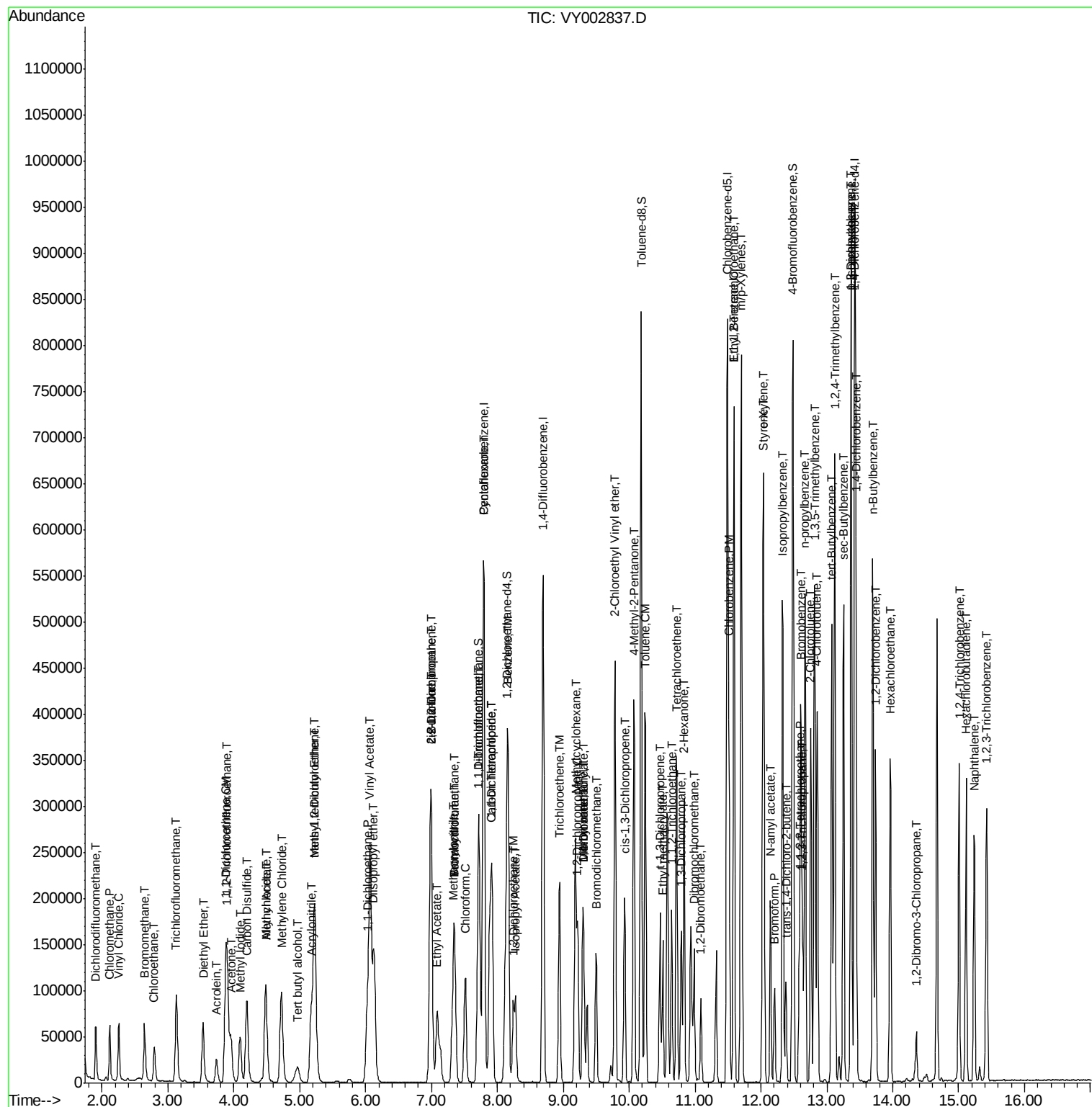
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	115402	21.538	ug/l	98
94) Hexachlorobutadiene	15.11	225	65001	21.389	ug/l	100
95) Naphthalene	15.23	128	229542	21.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	104264	21.791	ug/l	98

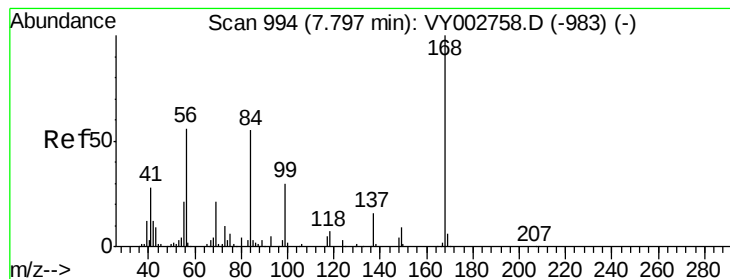
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

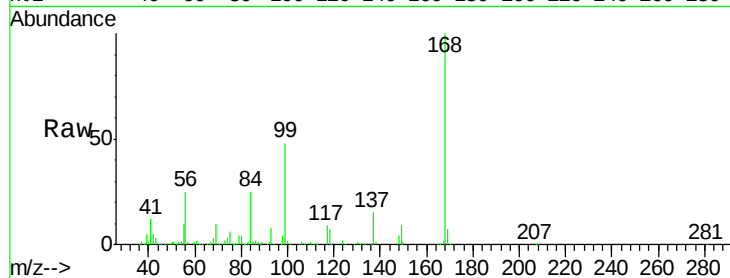
VY0604SBS01

Tot Ion:168 Resp: 340148

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.4



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

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

7.80

150000

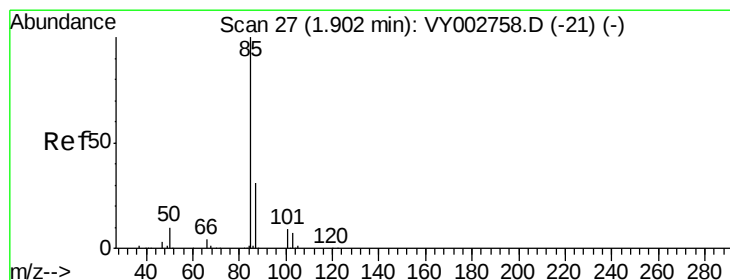
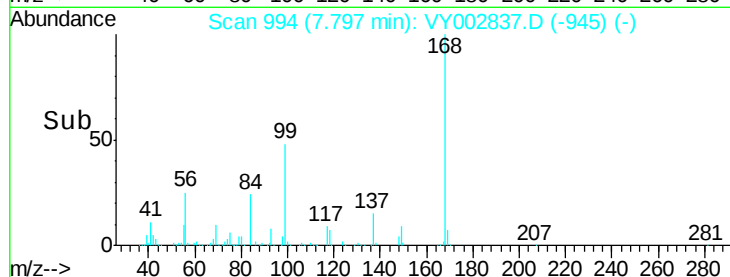
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.286 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002837.D

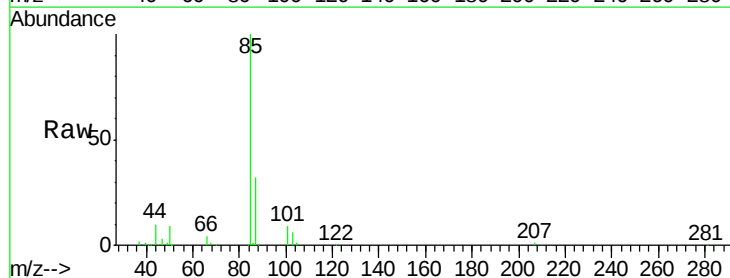
Acq: 04 Jun 2020 13:06

Tgt Ion: 85 Resp: 49819

Ion Ratio Lower Upper

85 100

87 32.2 15.5 46.5



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

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

1.91

40000

30000

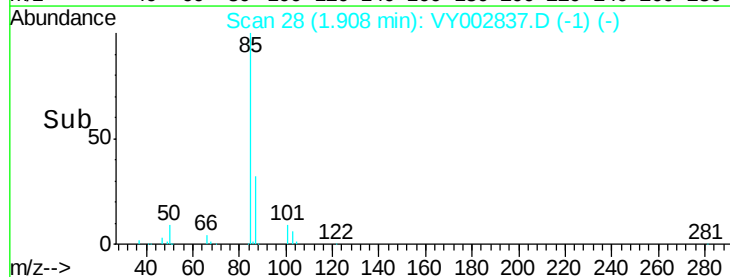
20000

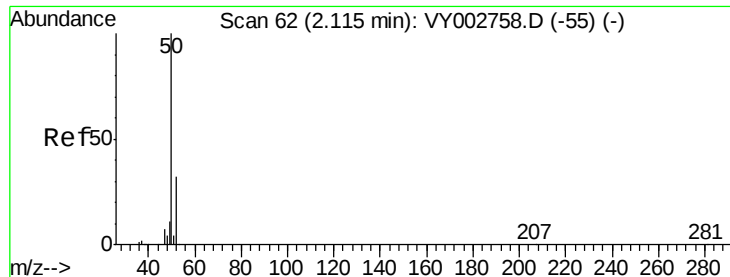
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.566 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

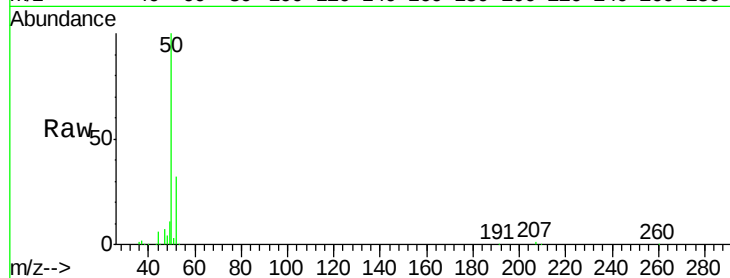
VY0604SBS01

Tot Ion: 50 Resp: 55830

Ion Ratio Lower Upper

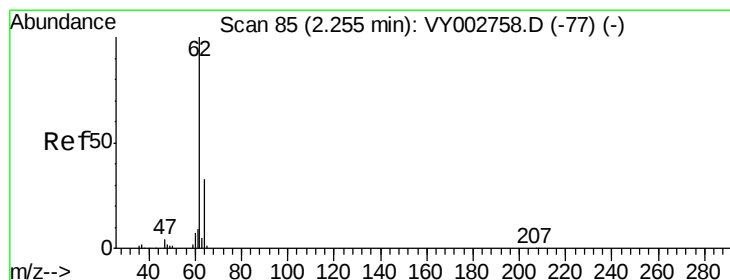
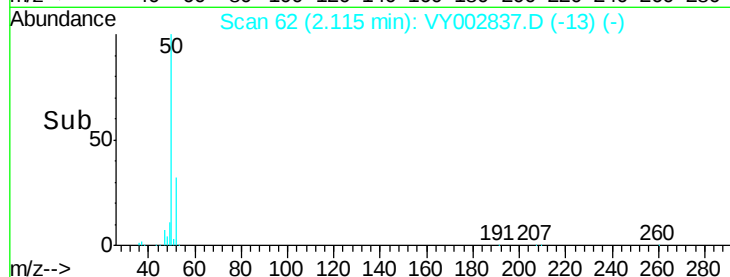
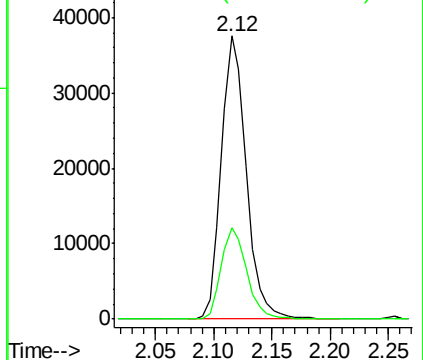
50 100

52 32.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.217 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002837.D

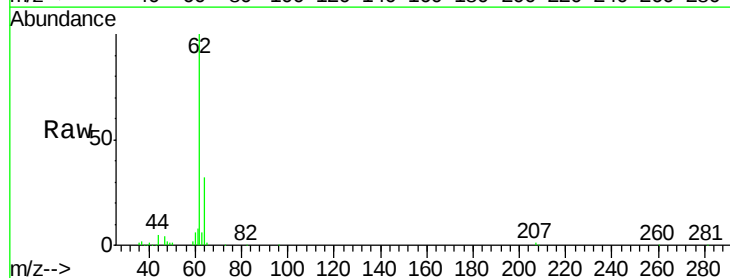
Acq: 04 Jun 2020 13:06

Tgt Ion: 62 Resp: 60793

Ion Ratio Lower Upper

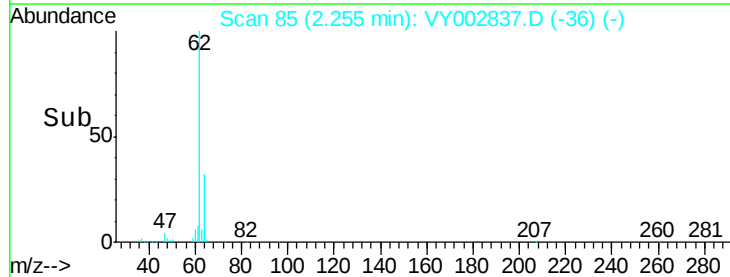
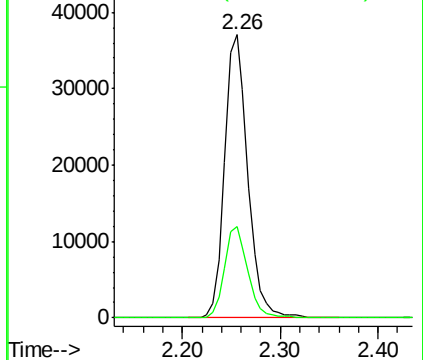
62 100

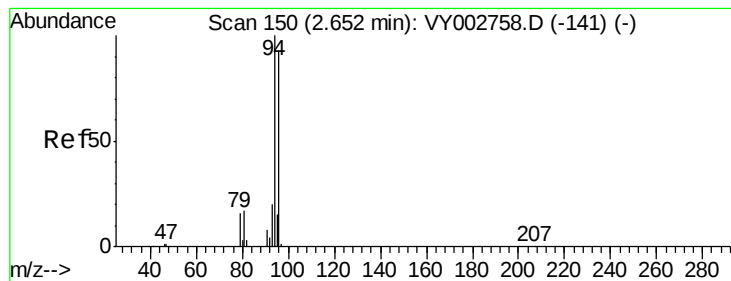
64 32.3 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.050 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

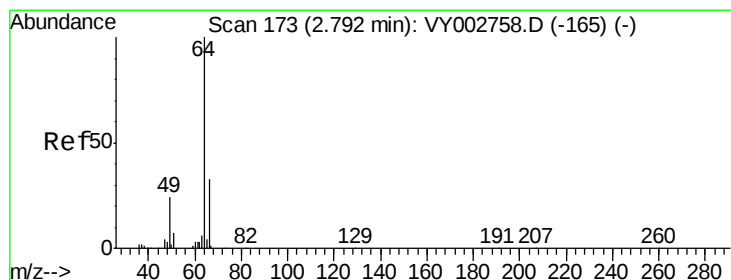
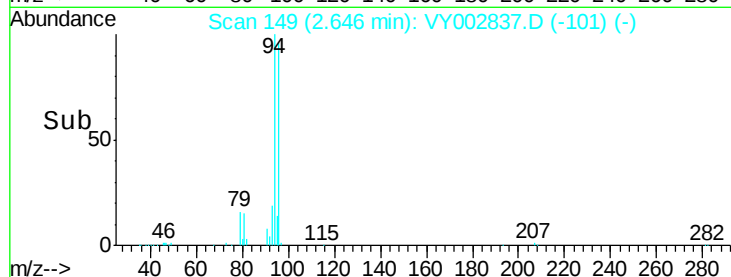
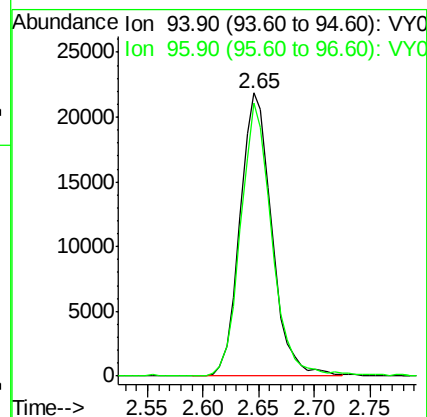
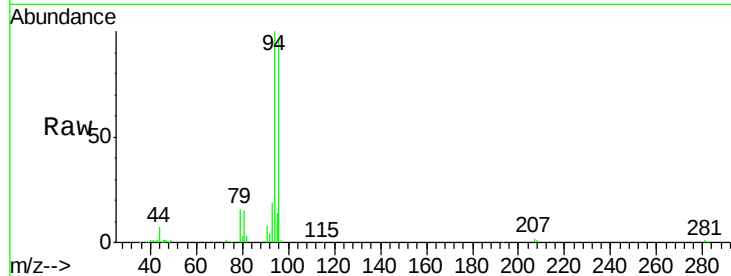
VY0604SBS01

Tot Ion: 94 Resp: 43165

Ion Ratio Lower Upper

94 100

96 96.5 73.7 110.5



#6

Chloroethane

Concen: 21.531 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002837.D

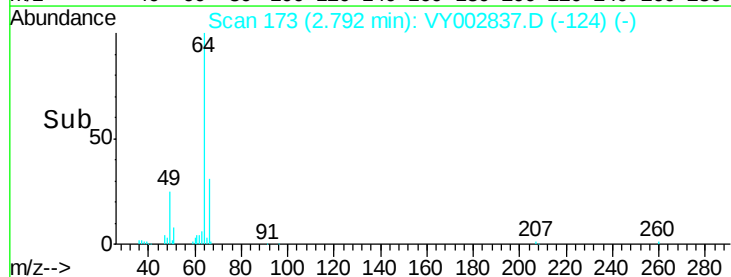
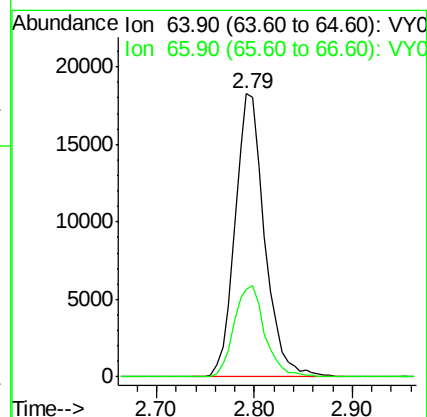
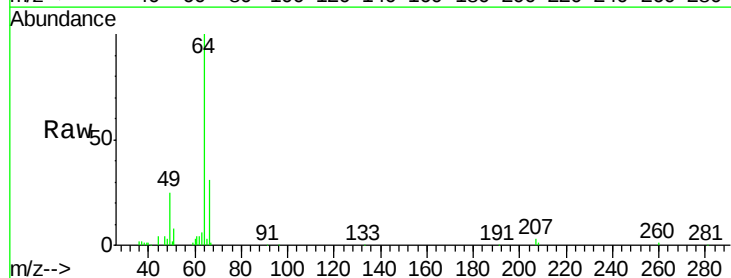
Acq: 04 Jun 2020 13:06

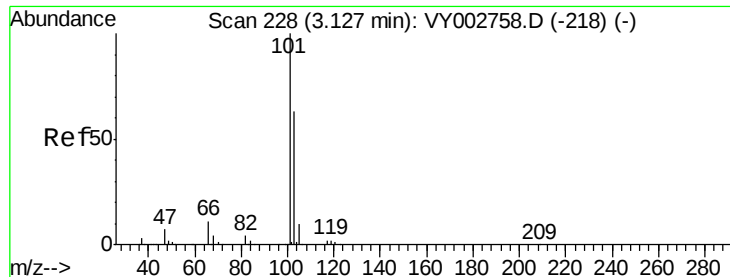
Tgt Ion: 64 Resp: 38192

Ion Ratio Lower Upper

64 100

66 31.1 26.4 39.6



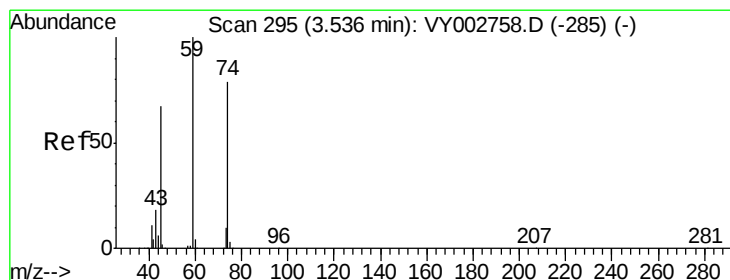
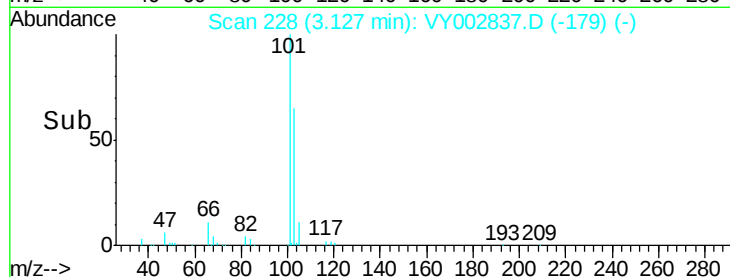
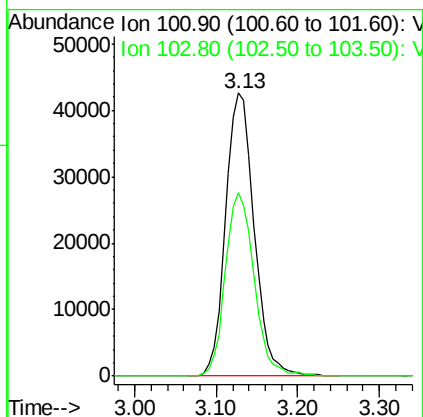
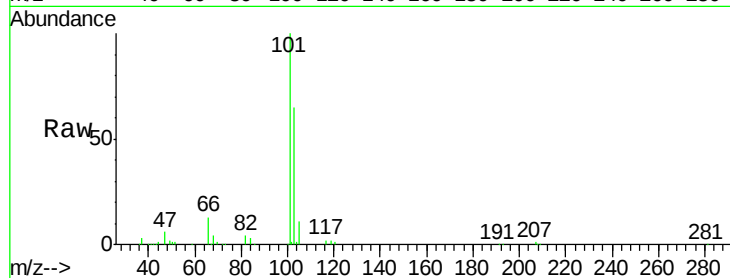


#7

Trichlorofluoromethane
 Concen: 21.225 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

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 MSVOA_Y
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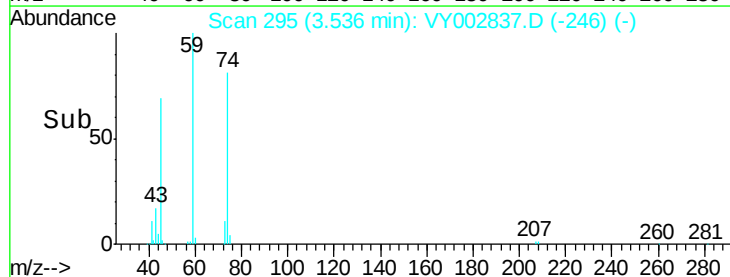
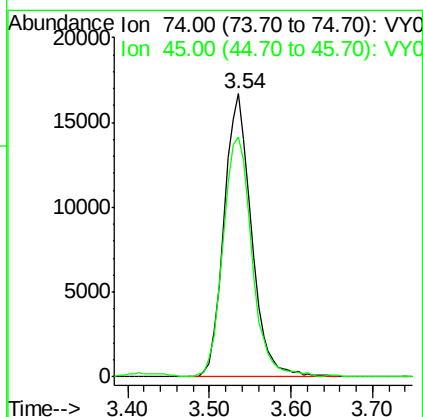
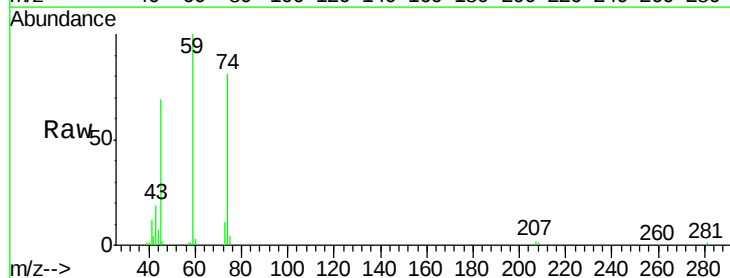
Tot Ion:101 Resp: 102863
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 76.0

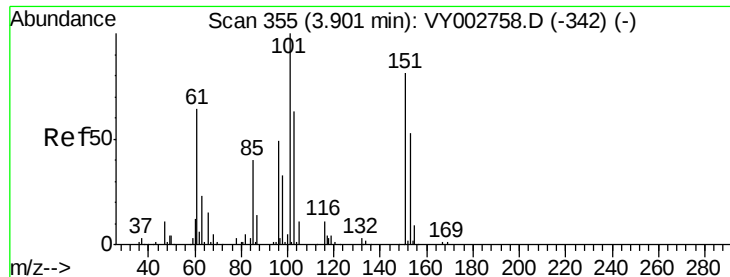


#8

Diethyl Ether
 Concen: 20.467 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion: 74 Resp: 38730
 Ion Ratio Lower Upper
 74 100
 45 89.5 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.633 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

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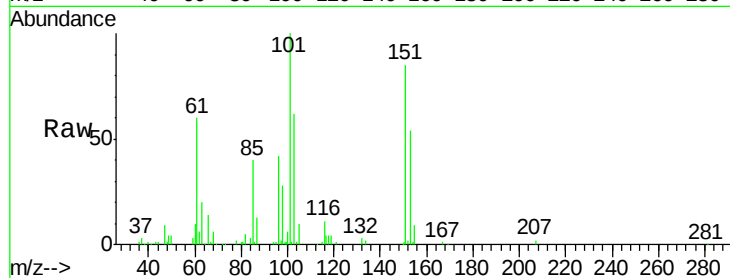
Tot Ion:101 Resp: 65125

Ion Ratio Lower Upper

101 100

85 42.1 32.7 49.1

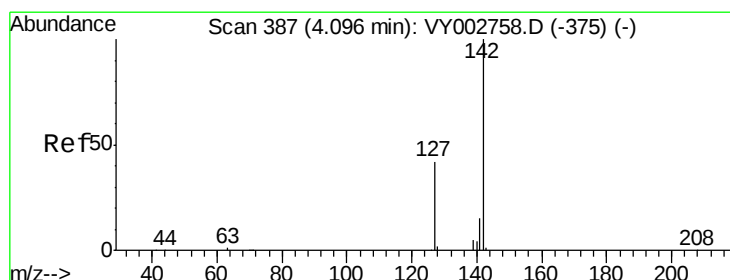
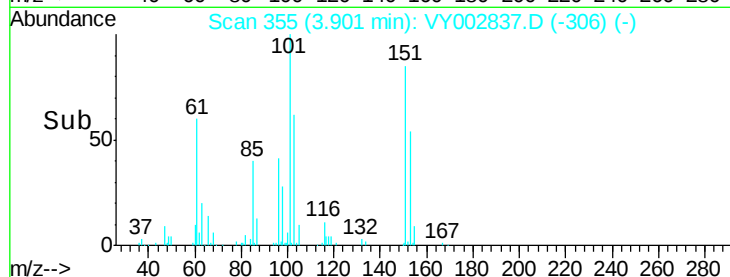
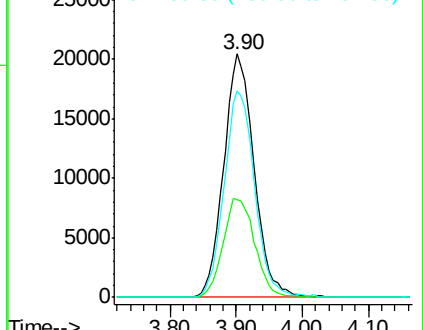
151 85.0 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.722 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

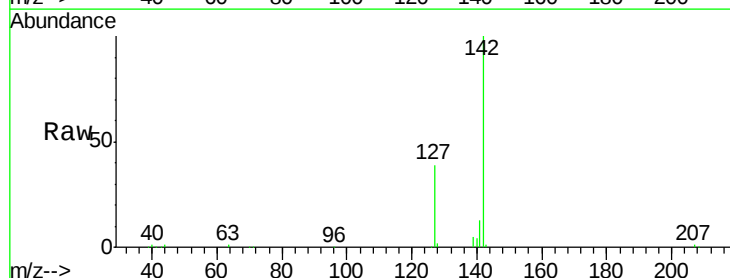
Tgt Ion:142 Resp: 83432

Ion Ratio Lower Upper

142 100

127 40.8 33.3 49.9

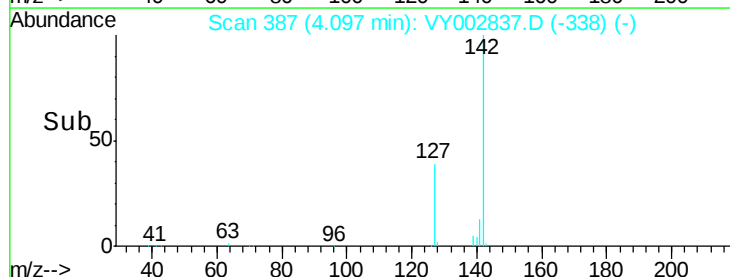
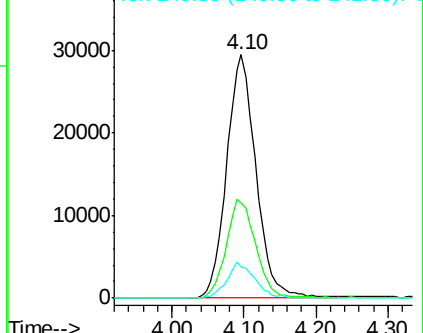
141 13.9 11.5 17.3

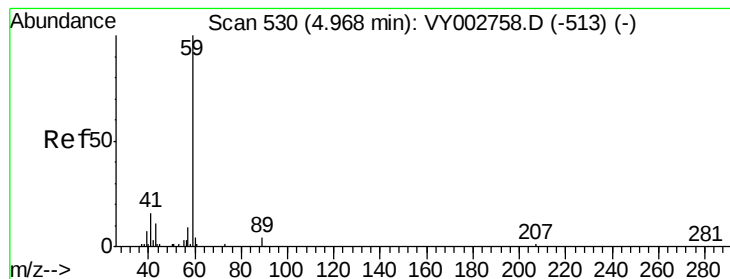


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



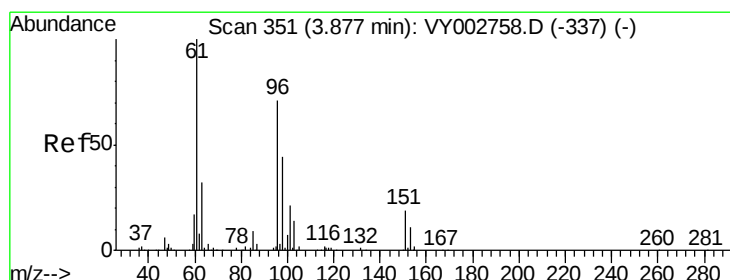
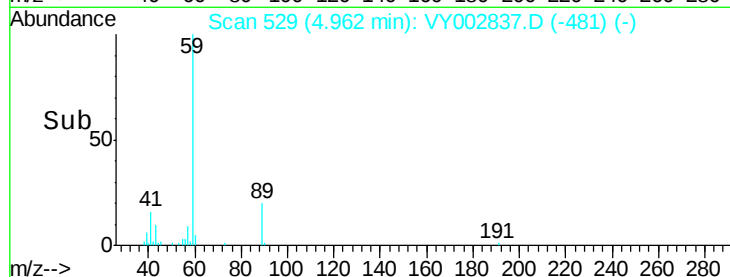
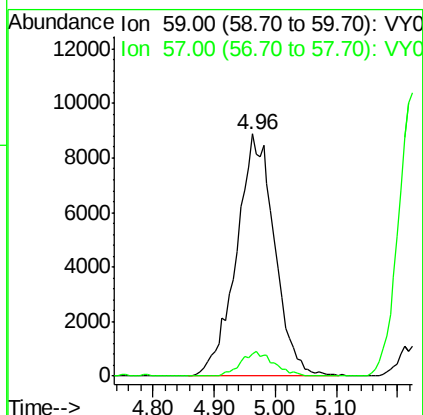
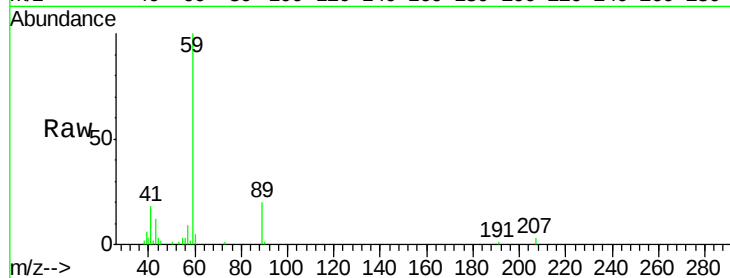


#11

Tert butyl alcohol
 Concen: 114.304 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

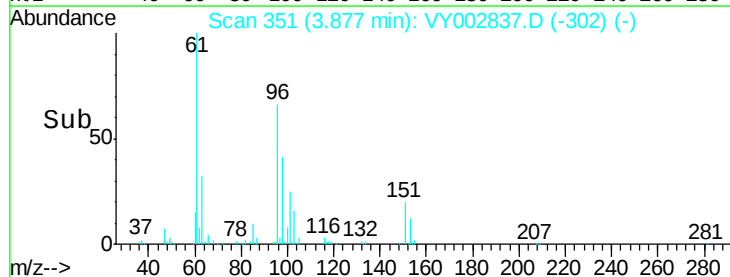
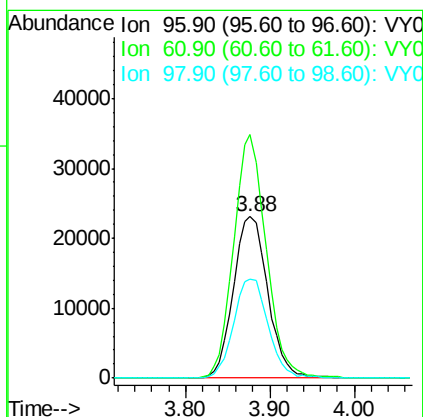
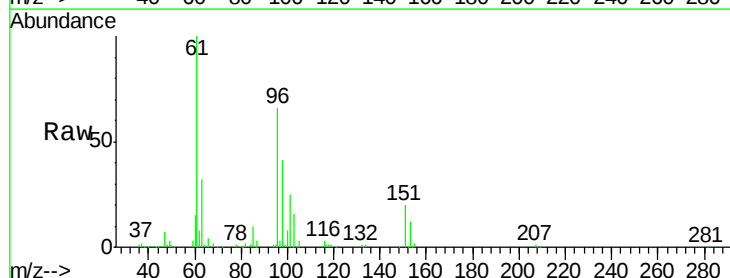
Tot Ion: 59 Resp: 38484
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.7 11.5

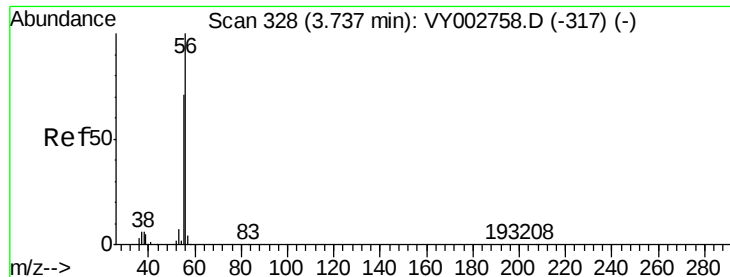


#12

1,1-Dichloroethene
 Concen: 22.112 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion: 96 Resp: 63985
 Ion Ratio Lower Upper
 96 100
 61 150.8 112.6 168.8
 98 61.4 50.0 75.0





#13

Acrolein

Concen: 90.680 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

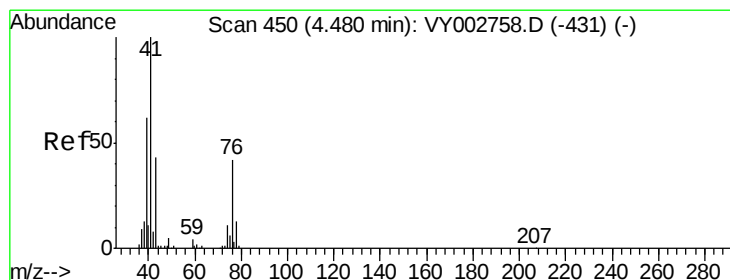
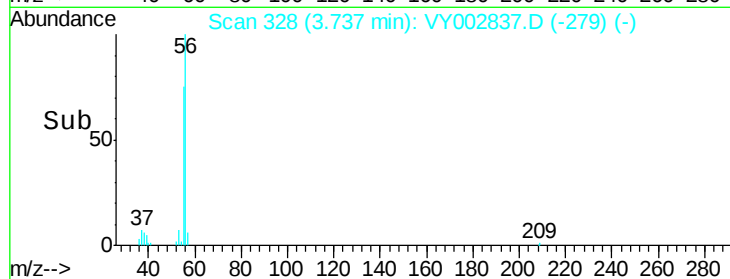
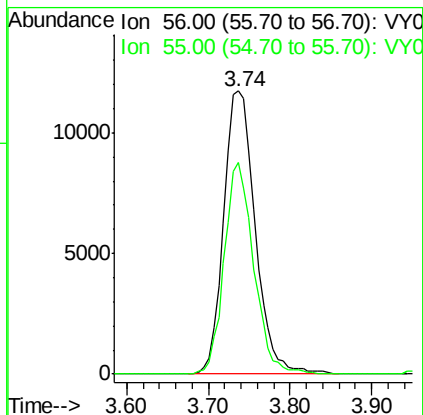
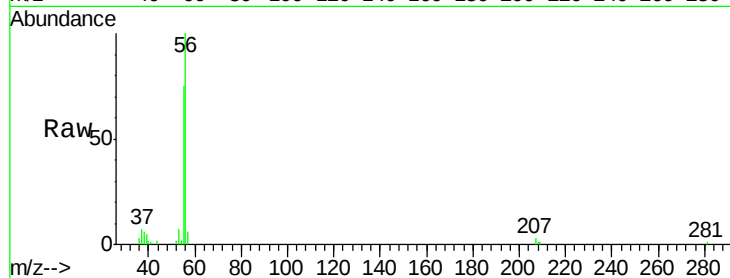
VY0604SBS01

Tot Ion: 56 Resp: 31385

Ion Ratio Lower Upper

56 100

55 69.7 56.0 84.0



#14

Allyl chloride

Concen: 22.889 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

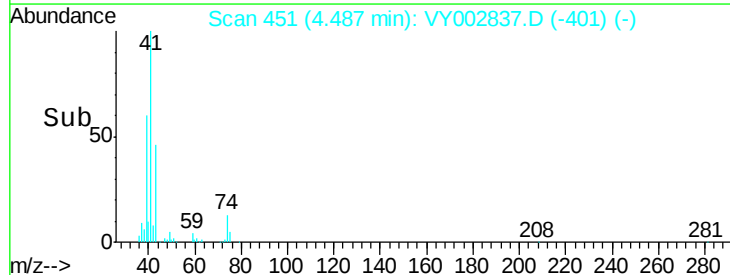
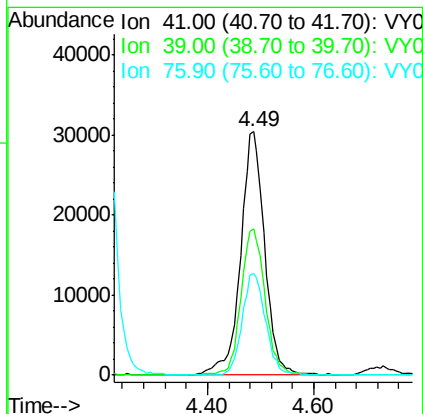
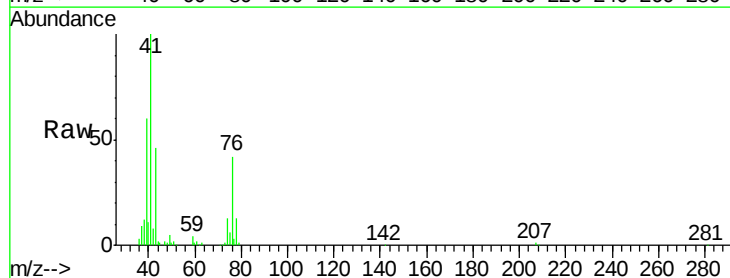
Tgt Ion: 41 Resp: 94996

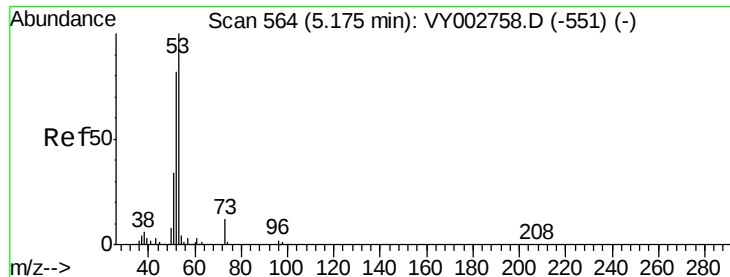
Ion Ratio Lower Upper

41 100

39 60.0 49.9 74.9

76 40.3 33.2 49.8





#15

Acrylonitrile

Concen: 111.881 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

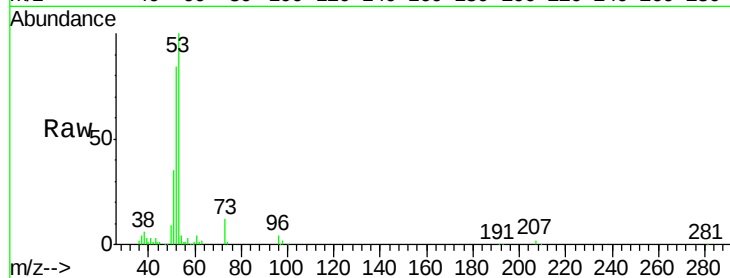
Tot Ion: 53 Resp: 95511

Ion Ratio Lower Upper

53 100

52 81.0 65.3 97.9

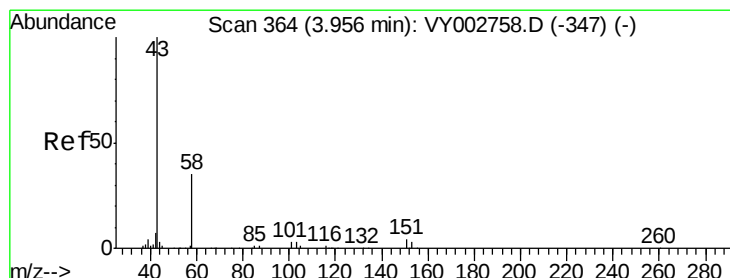
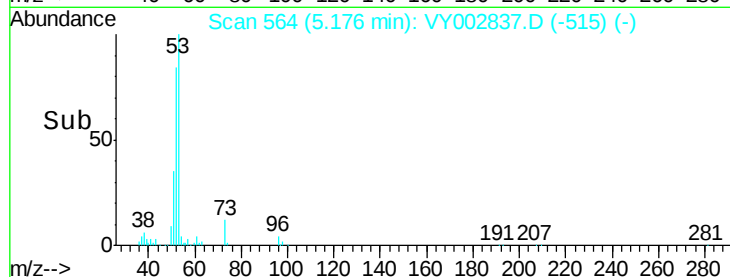
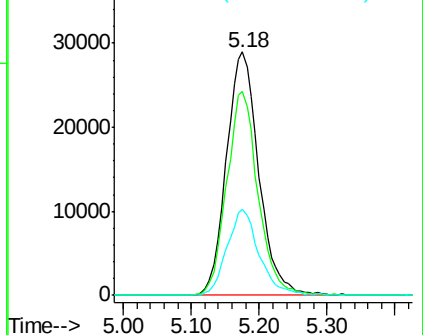
51 35.1 28.0 42.0



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: 106.788 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002837.D

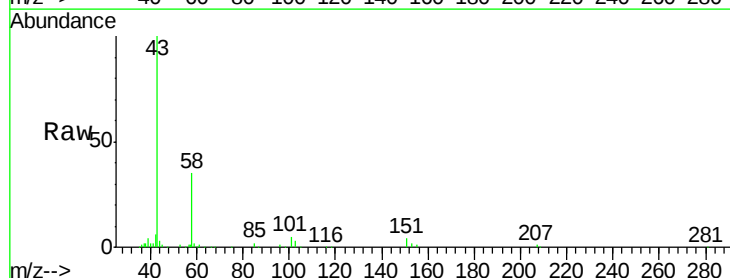
Acq: 04 Jun 2020 13:06

Tgt Ion: 43 Resp: 73955

Ion Ratio Lower Upper

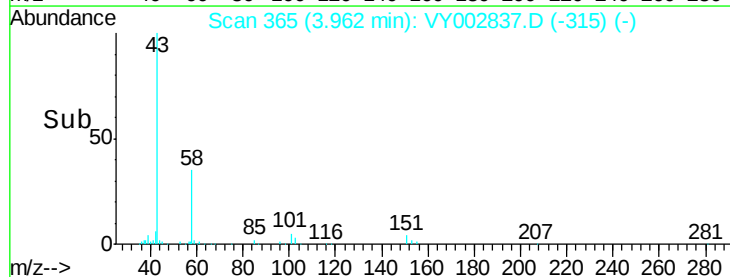
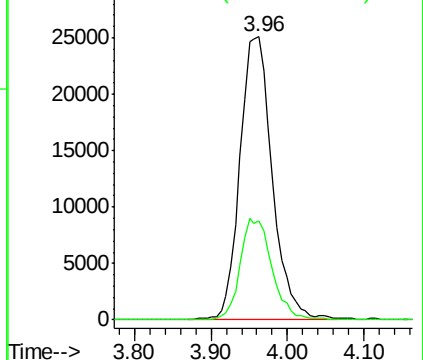
43 100

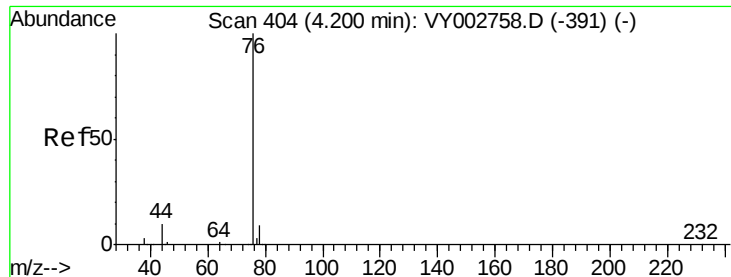
58 35.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.242 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

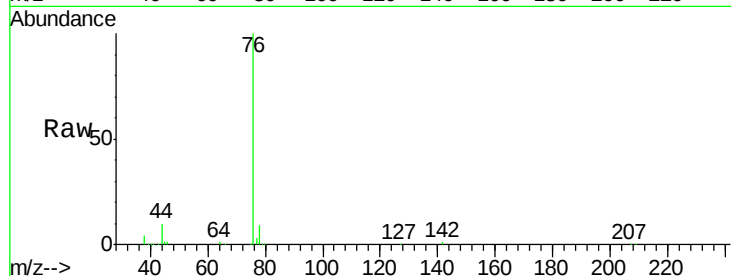
VY0604SBS01

Tot Ion: 76 Resp: 185744

Ion Ratio Lower Upper

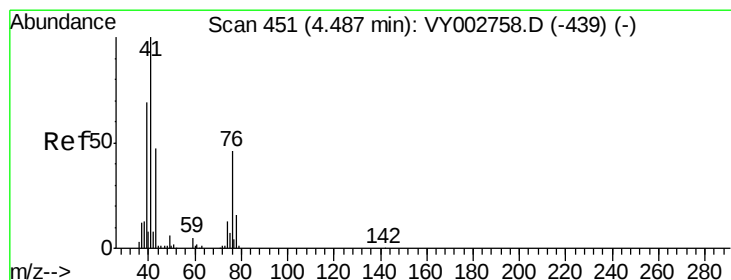
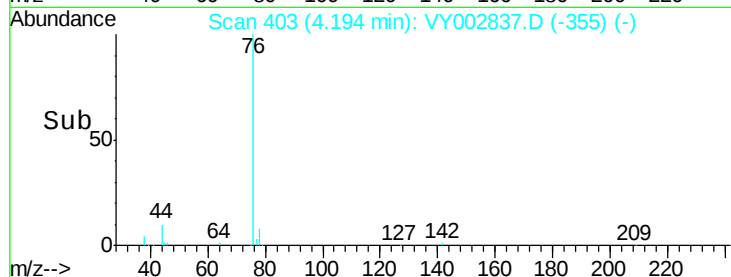
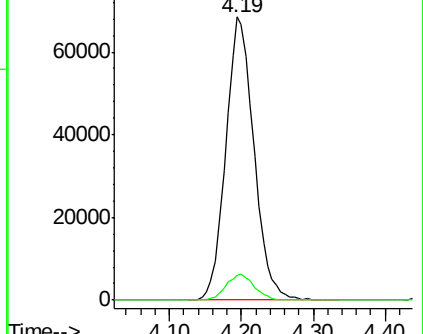
76 100

78 8.6 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 26.147 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002837.D

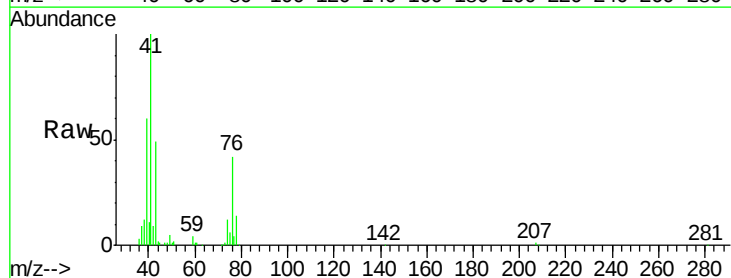
Acq: 04 Jun 2020 13:06

Tgt Ion: 43 Resp: 46239

Ion Ratio Lower Upper

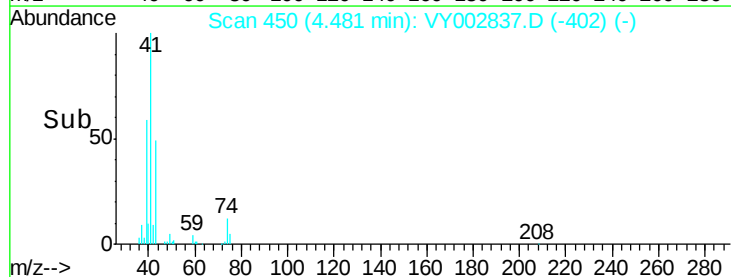
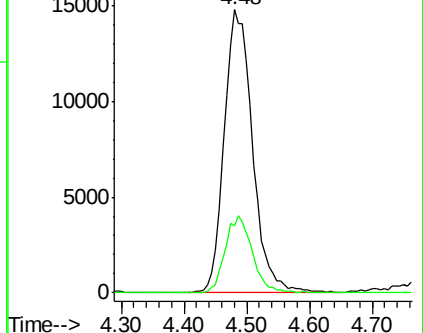
43 100

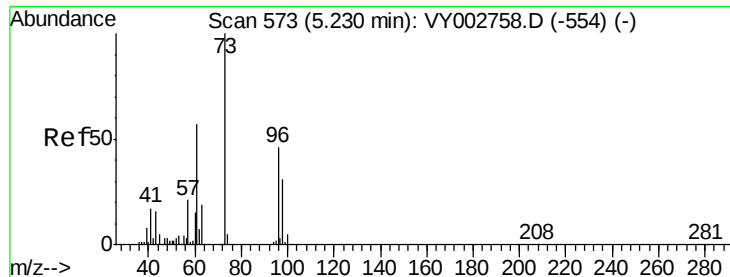
74 25.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

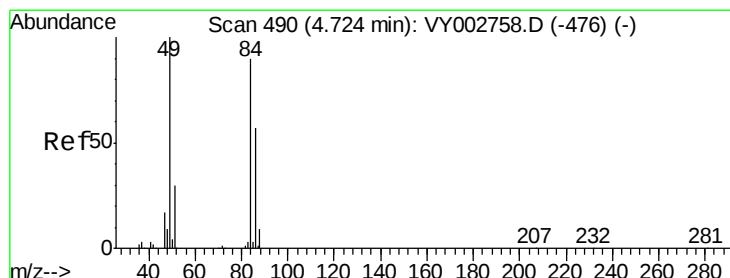
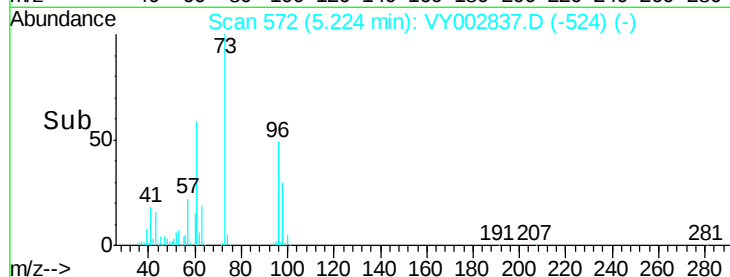
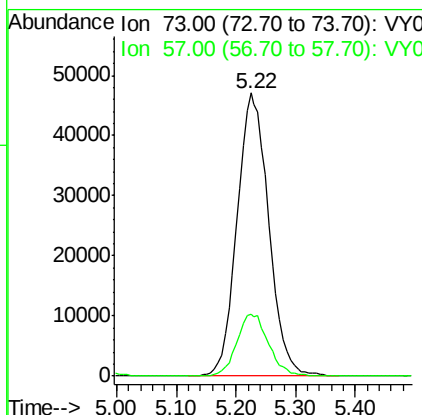
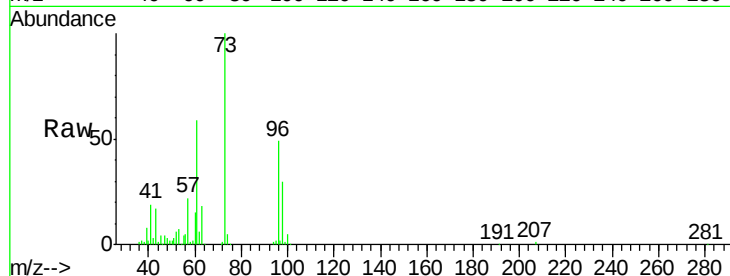




#19
Methyl tert-butyl Ether
Concen: 21.770 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

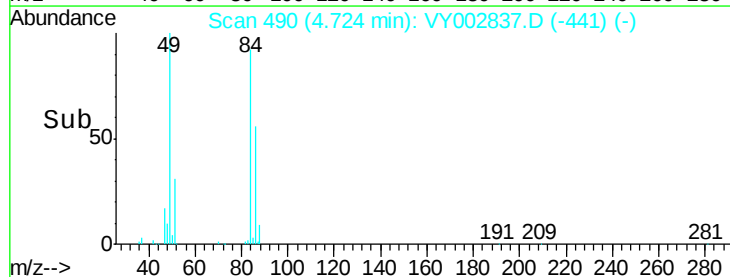
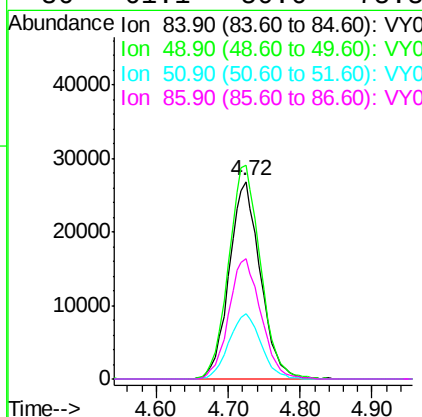
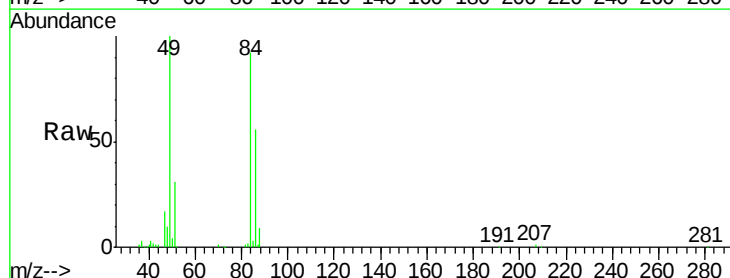
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

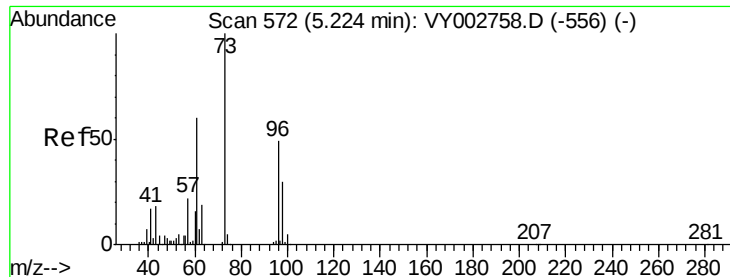
Tot Ion: 73 Resp: 173912
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.4



#20
Methylene Chloride
Concen: 23.846 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion: 84 Resp: 80703
Ion Ratio Lower Upper
84 100
49 108.3 88.5 132.7
51 33.1 26.8 40.2
86 61.1 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.721 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

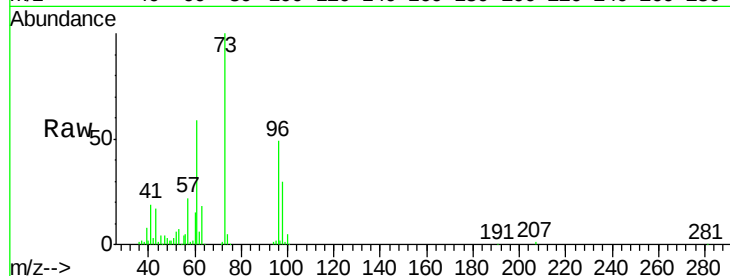
Tot Ion: 96 Resp: 70684

Ion Ratio Lower Upper

96 100

61 120.0 96.8 145.2

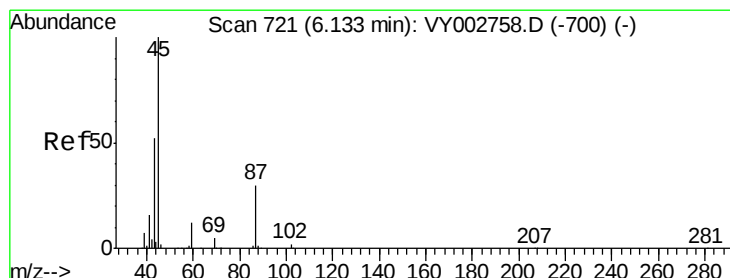
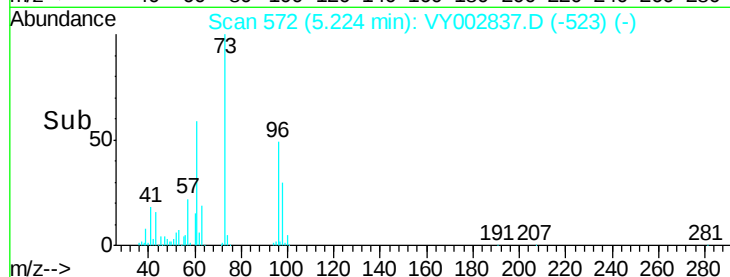
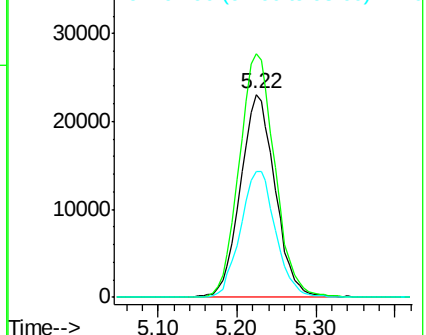
98 61.9 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.953 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Tgt Ion: 45 Resp: 197954

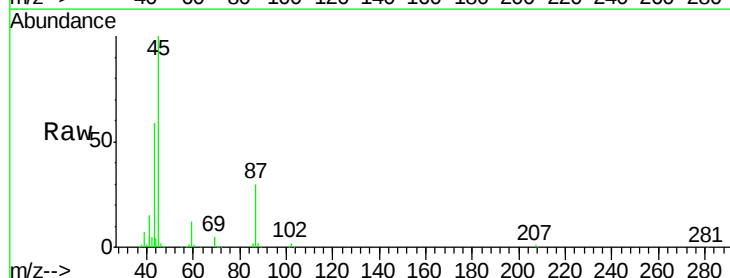
Ion Ratio Lower Upper

45 100

43 58.7 41.7 62.5

87 29.8 24.2 36.2

59 11.5 9.8 14.8

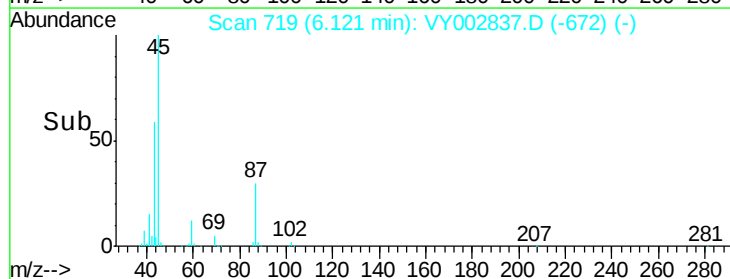
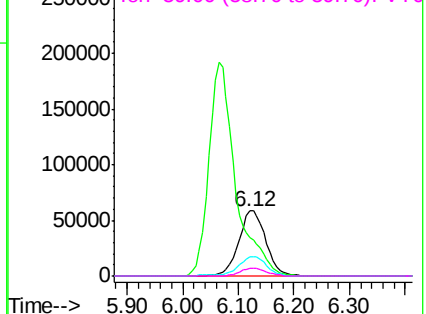


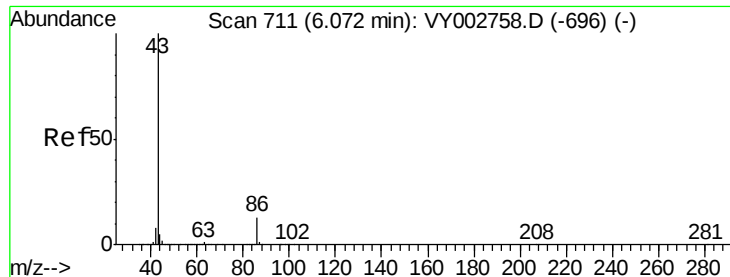
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 112.604 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

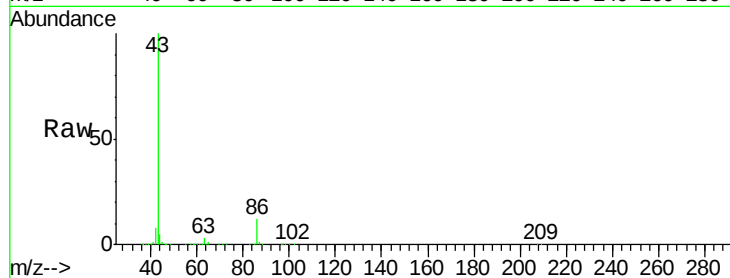
VY0604SBS01

Tot Ion: 43 Resp: 641169

Ion Ratio Lower Upper

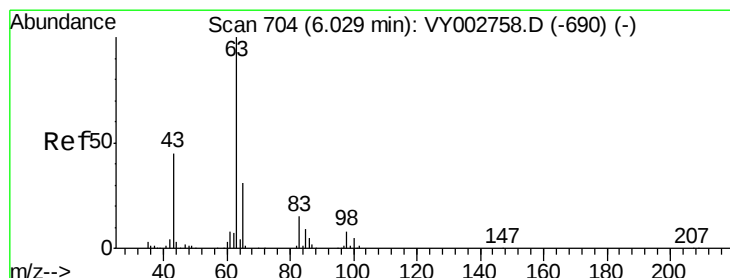
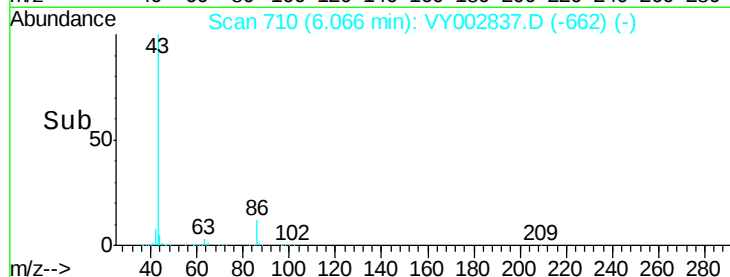
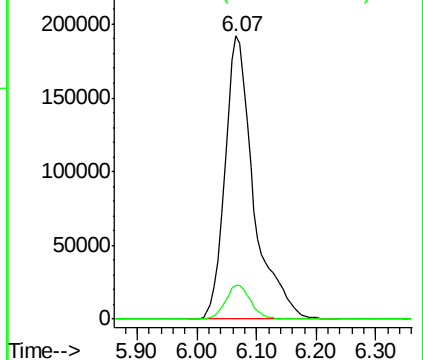
43 100

86 12.1 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.208 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

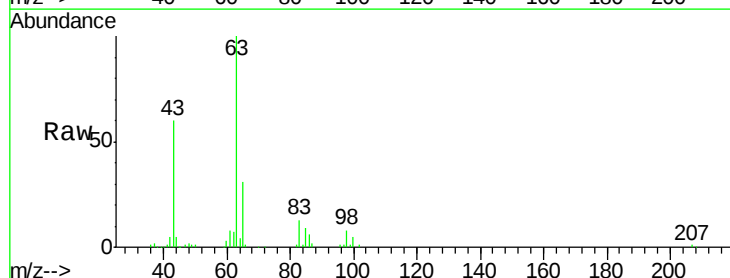
Tgt Ion: 63 Resp: 112042

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

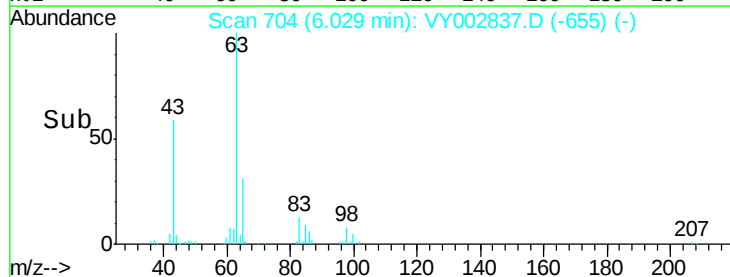
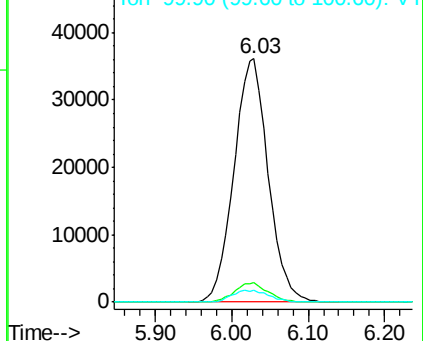
100 4.9 2.4 7.1

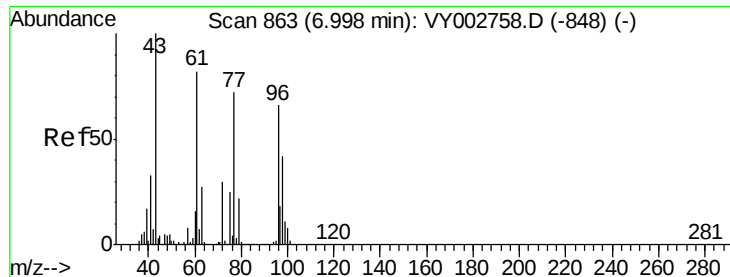


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 111.068 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

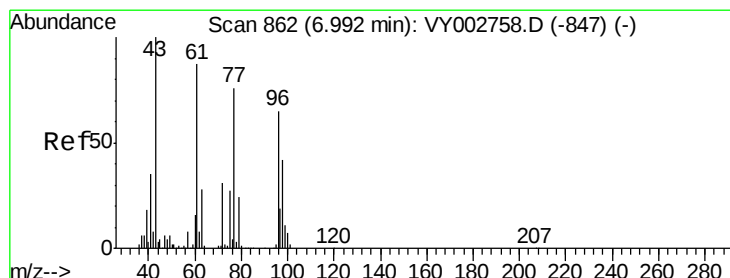
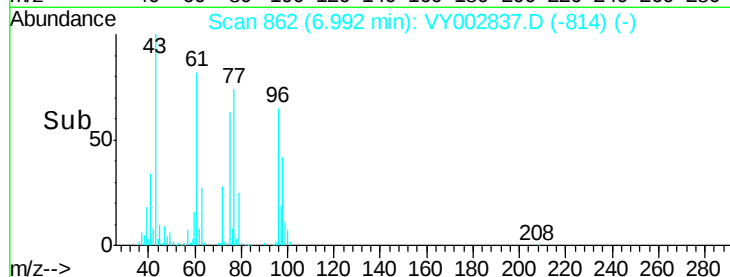
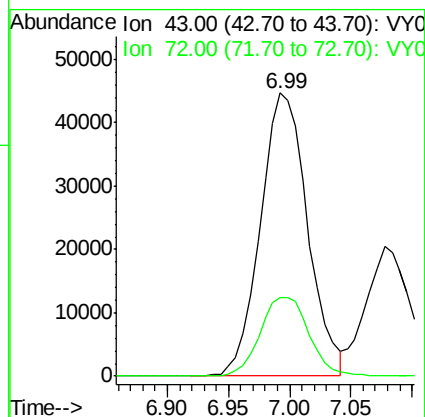
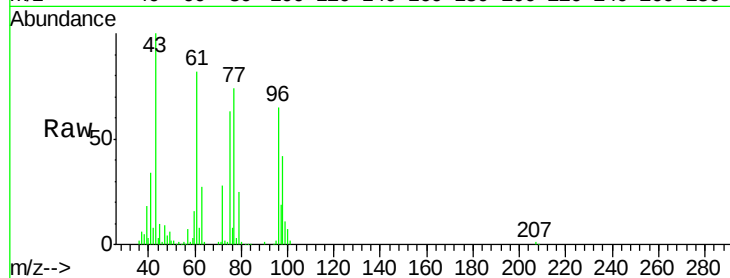
VY0604SBS01

Tot Ion: 43 Resp: 119840

Ion Ratio Lower Upper

43 100

72 27.9 23.9 35.9



#26

2,2-Dichloropropane

Concen: 21.415 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002837.D

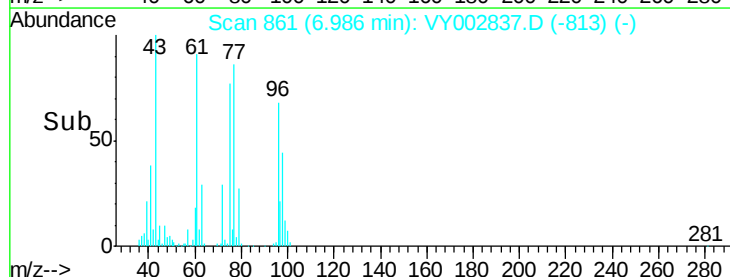
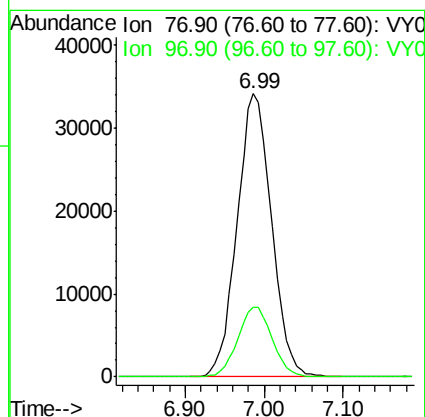
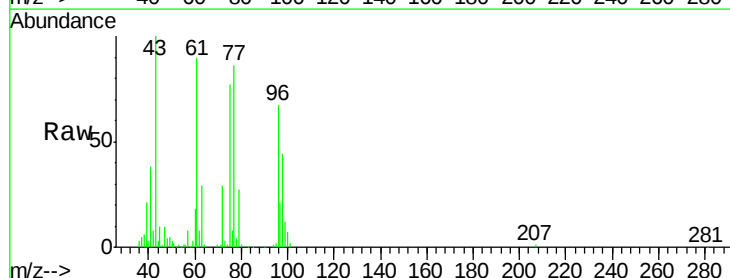
Acq: 04 Jun 2020 13:06

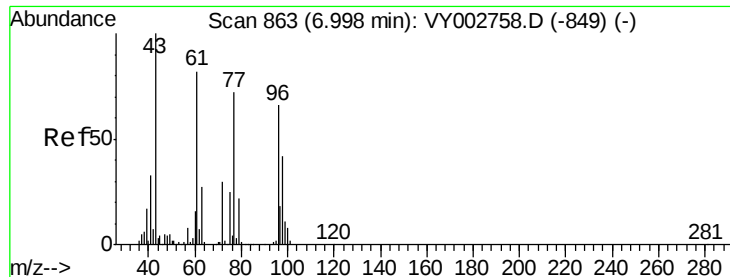
Tgt Ion: 77 Resp: 103619

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6



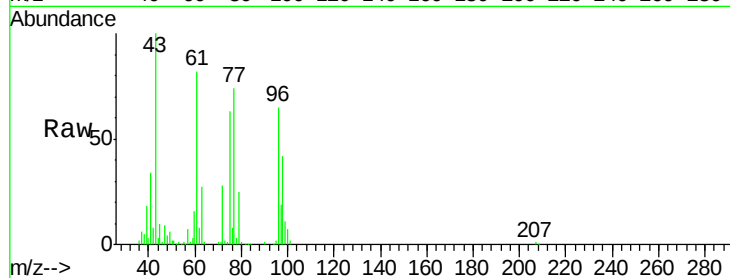


#27

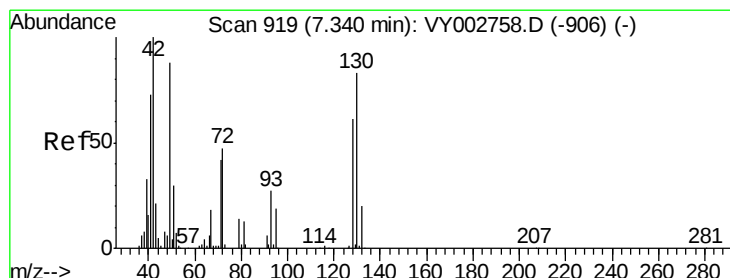
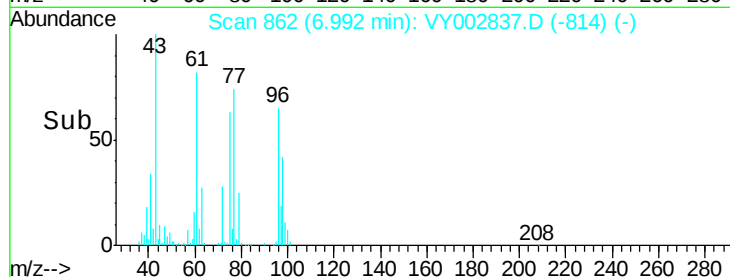
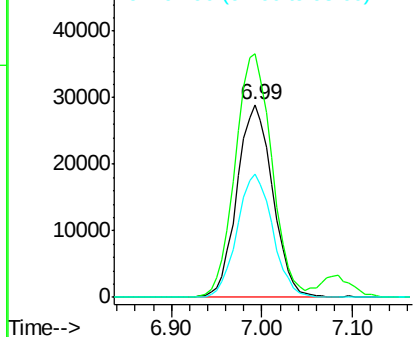
cis-1,2-Dichloroethene
 Concen: 21.641 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Tot Ion: 96 Resp: 78838
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 260.2
 98 63.8 0.0 128.2



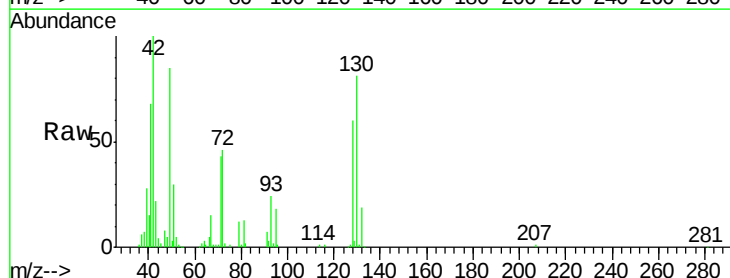
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



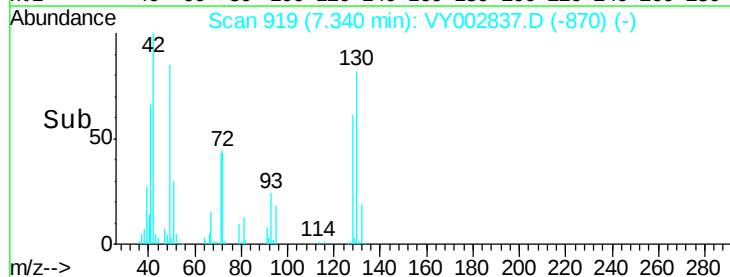
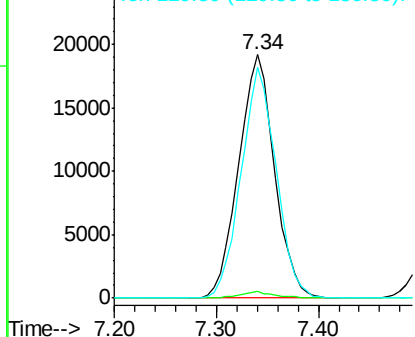
#28

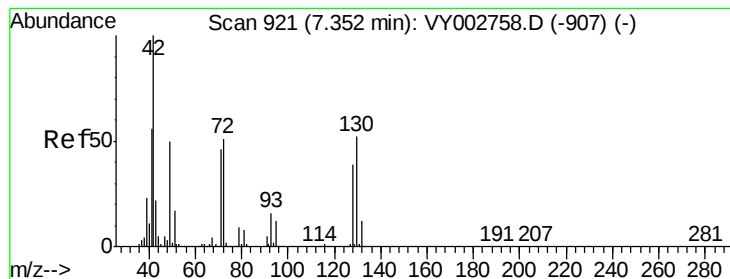
Bromochloromethane
 Concen: 22.640 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion: 49 Resp: 46888
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 92.7 77.1 115.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 112.013 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

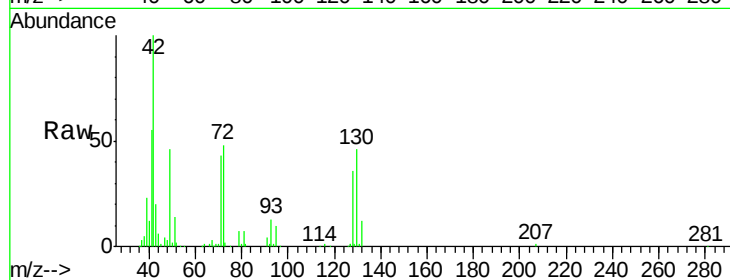
Tot Ion: 42 Resp: 78615

Ion Ratio Lower Upper

42 100

72 48.1 38.6 58.0

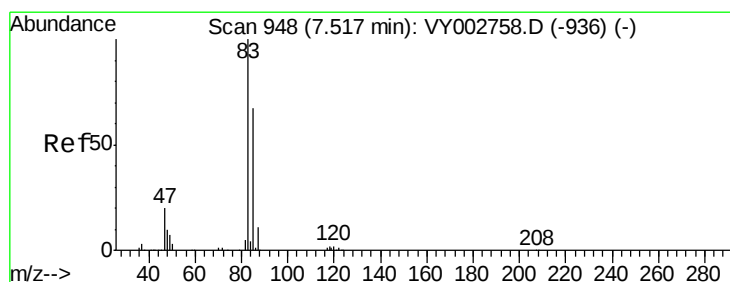
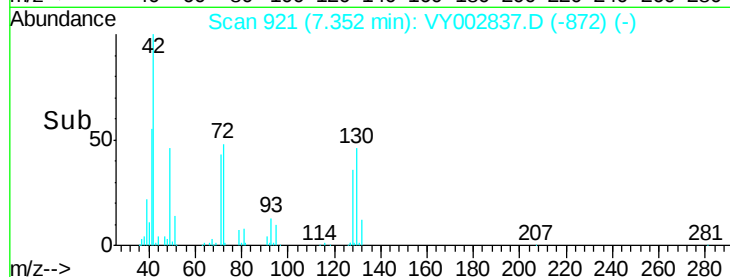
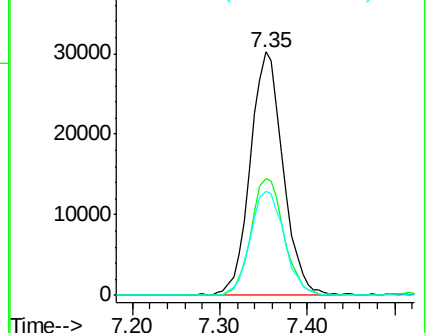
71 44.6 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.909 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002837.D

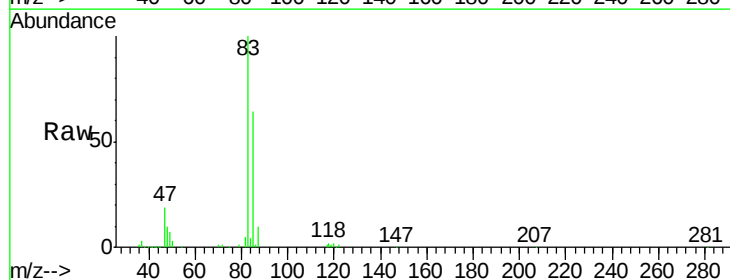
Acq: 04 Jun 2020 13:06

Tgt Ion: 83 Resp: 117289

Ion Ratio Lower Upper

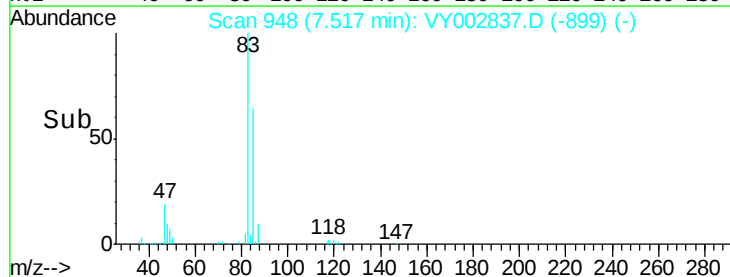
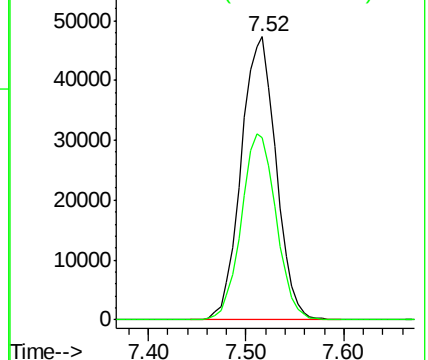
83 100

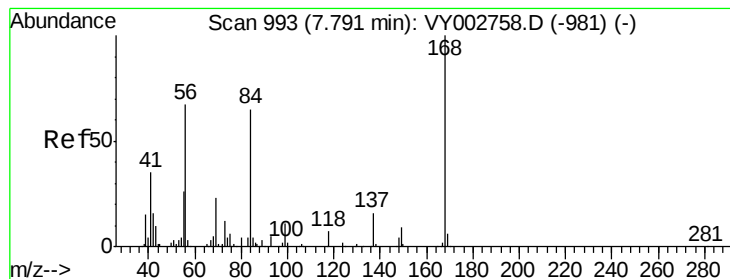
85 64.5 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.607 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

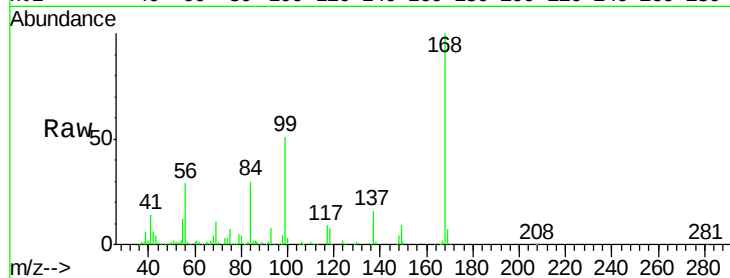
Tot Ion: 56 Resp: 108228

Ion Ratio Lower Upper

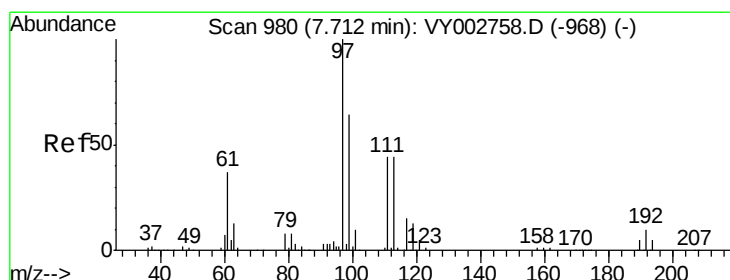
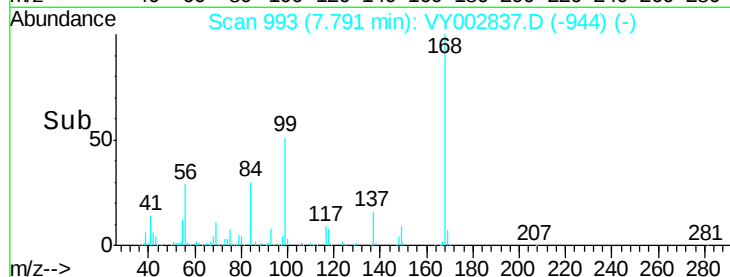
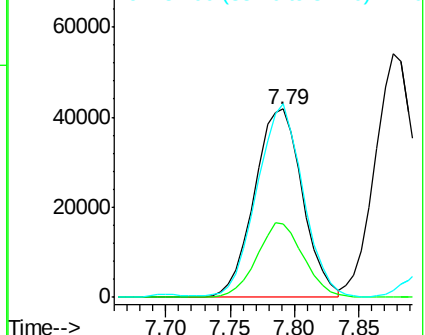
56 100

69 38.8 28.0 42.0

84 102.2 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 21.193 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

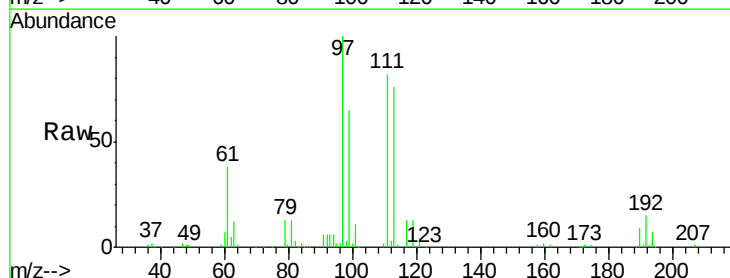
Tgt Ion: 97 Resp: 105725

Ion Ratio Lower Upper

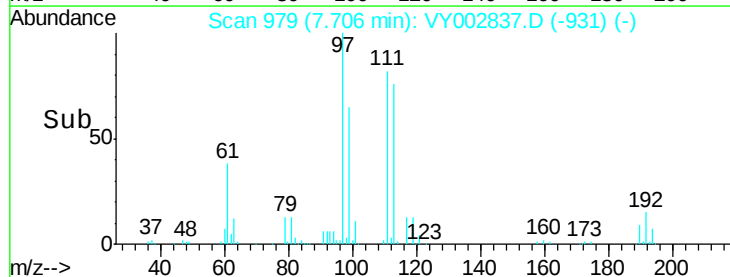
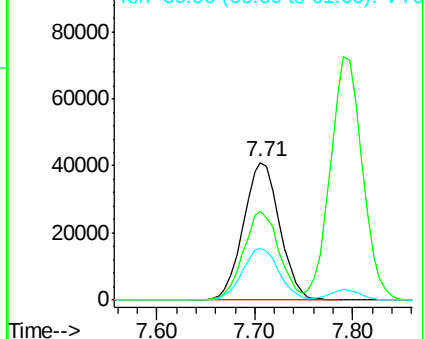
97 100

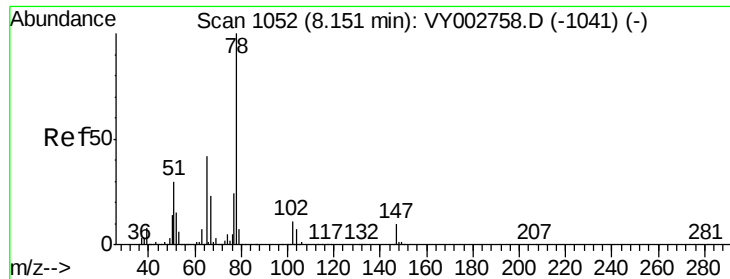
99 63.7 51.4 77.0

61 38.0 30.1 45.1



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

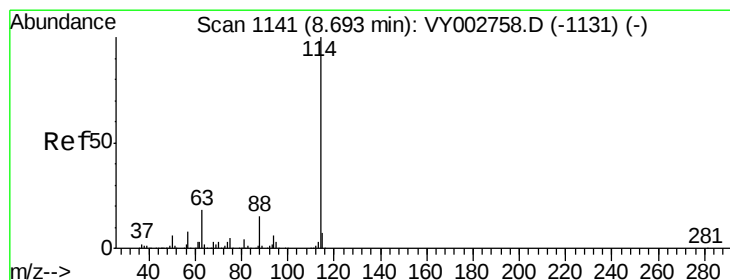
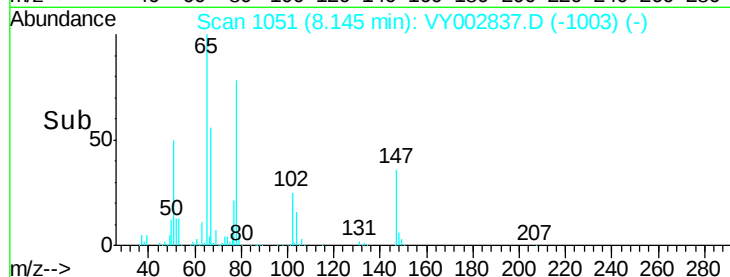
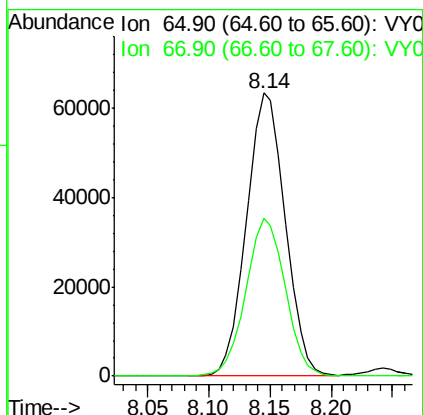
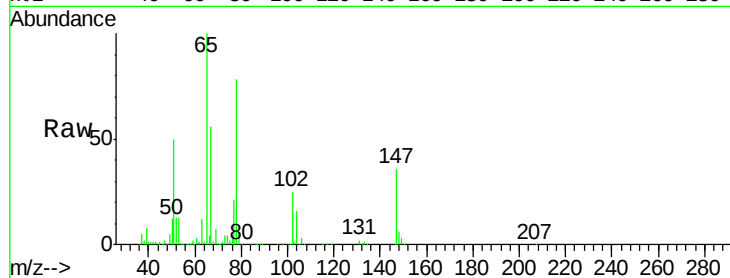




#33
 1,2-Dichloroethane-d4
 Concen: 47.397 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

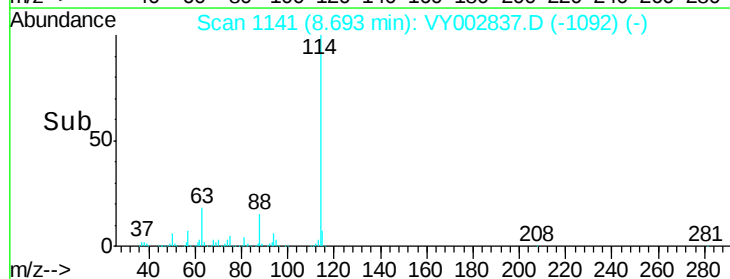
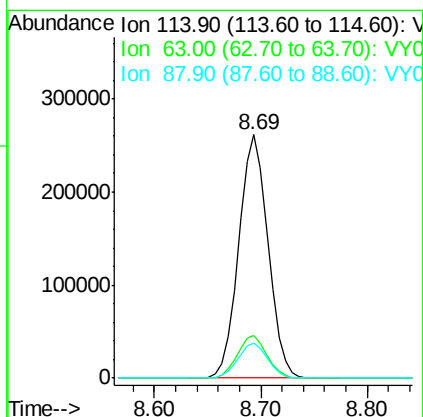
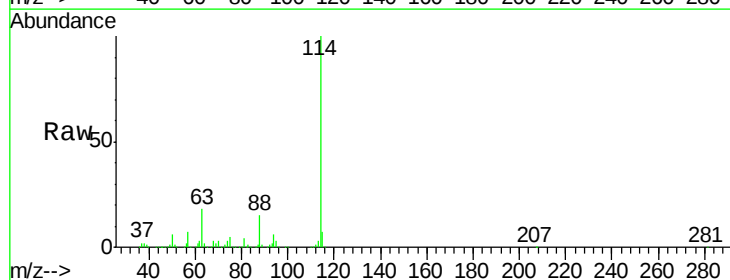
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

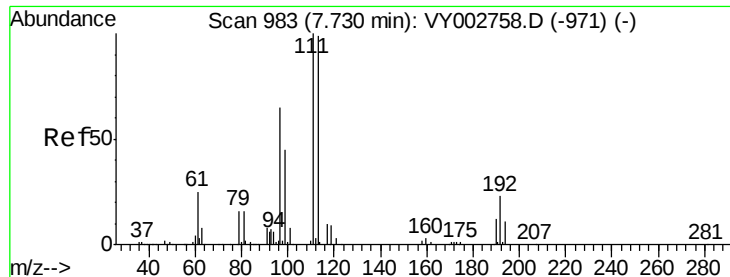
Tot Ion: 65 Resp: 139983
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion: 114 Resp: 505007
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 14.6 0.0 29.2

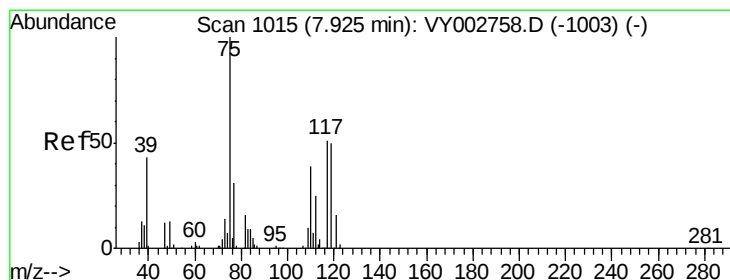
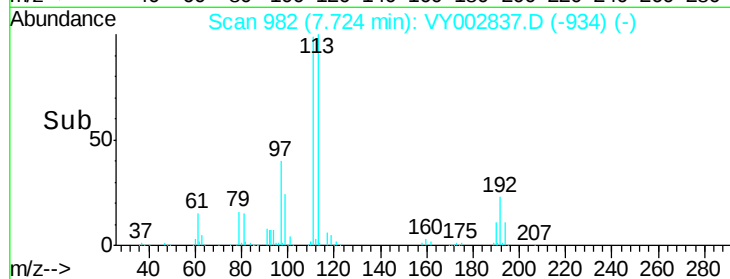
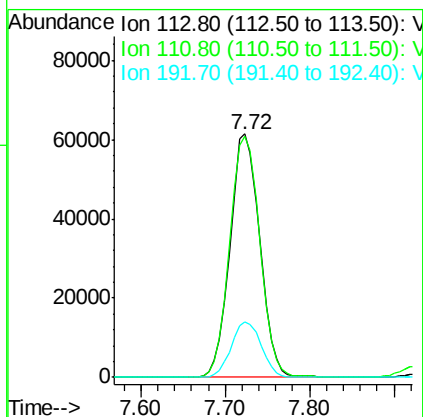
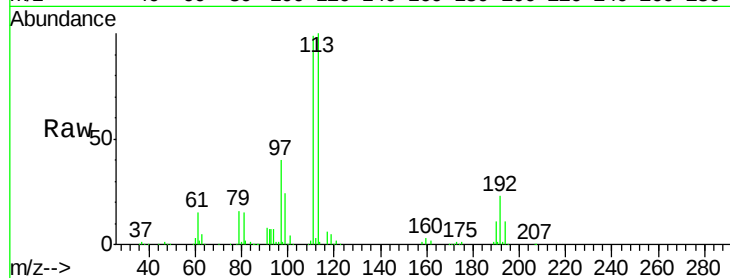




#35
 Dibromofluoromethane
 Concen: 49.639 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

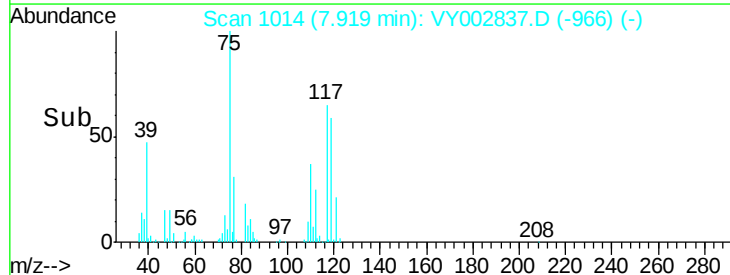
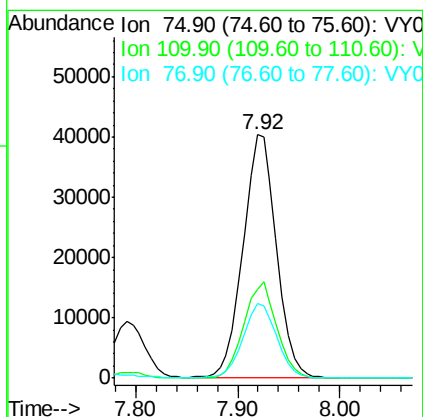
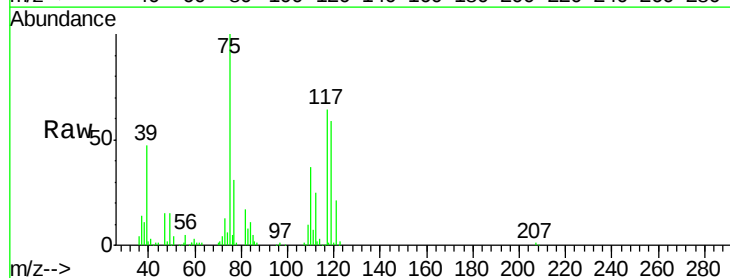
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

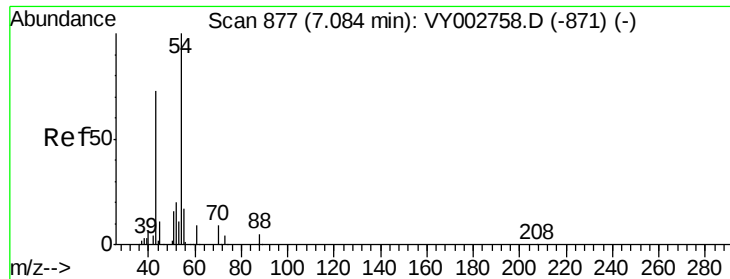
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	23.1	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.680 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.3	57.9
77	30.9	24.8	37.2

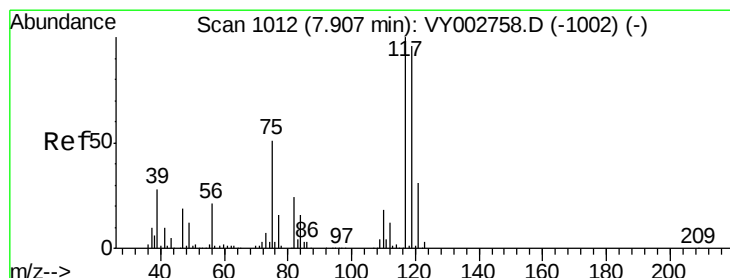
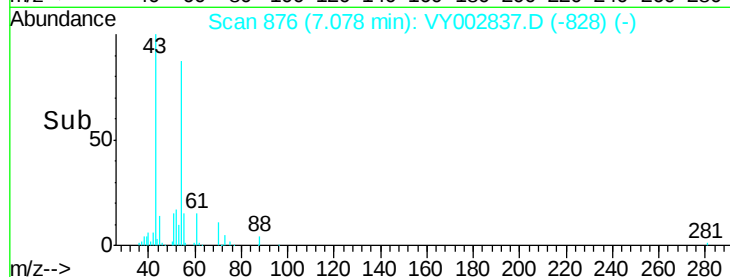
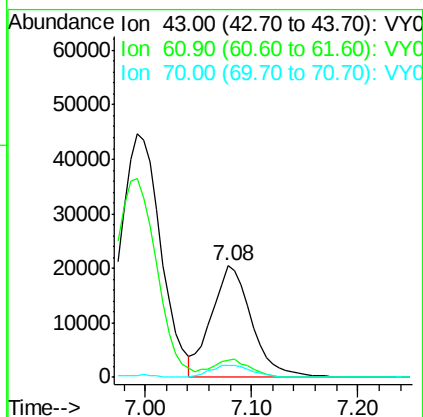
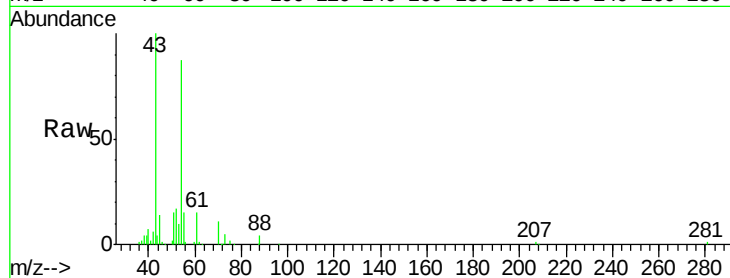




#37
Ethyl Acetate
Concen: 22.948 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

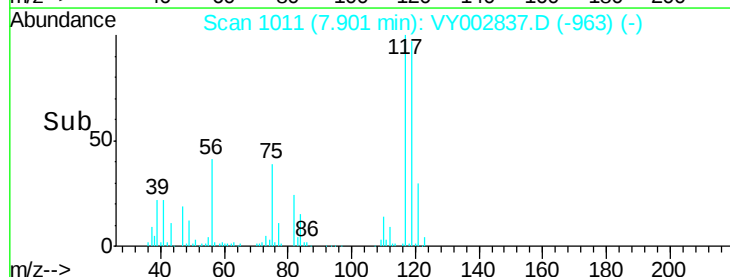
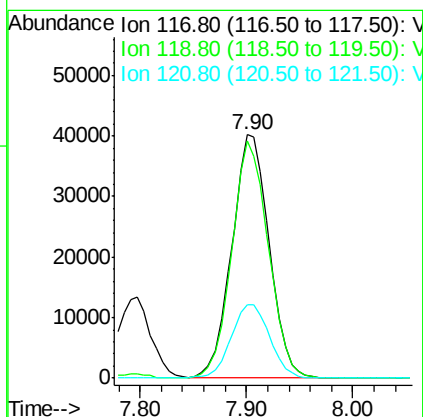
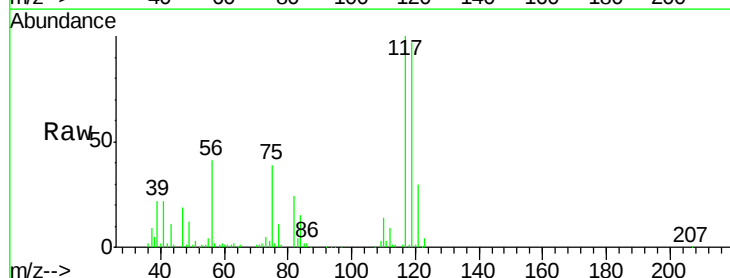
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

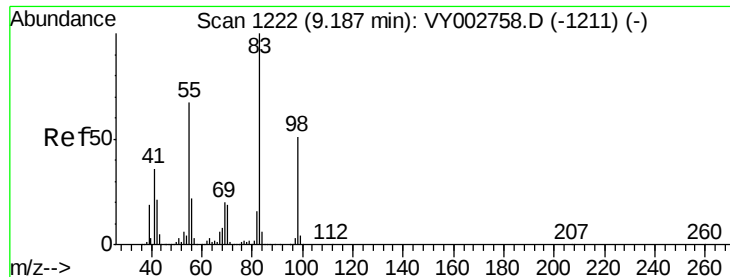
Tot Ion: 43 Resp: 53113
Ion Ratio Lower Upper
43 100
61 15.5 11.9 17.9
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.925 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion: 117 Resp: 98890
Ion Ratio Lower Upper
117 100
119 97.4 76.8 115.2
121 30.0 24.8 37.2

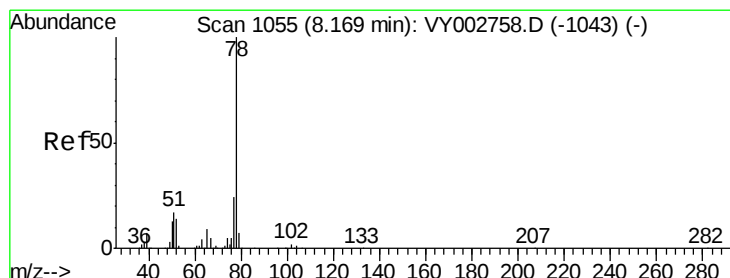
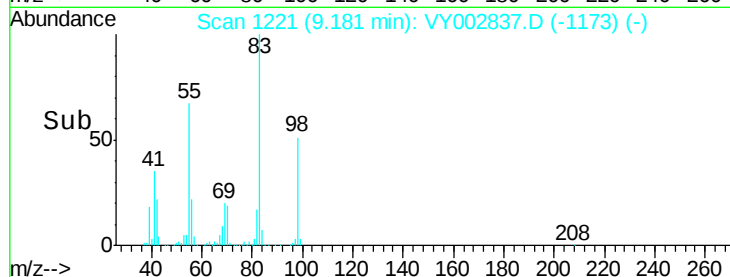
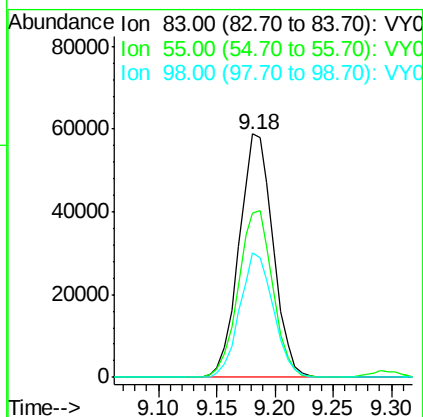
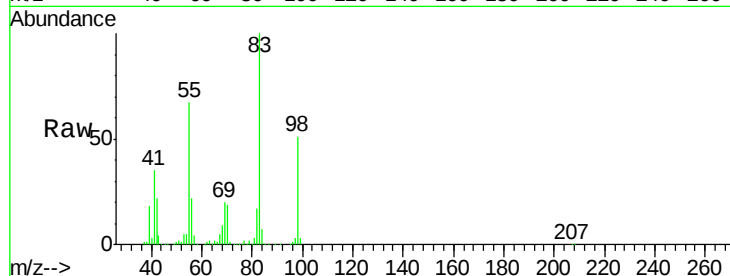




#39
Methvlcvclohexane
Concen: 21.348 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

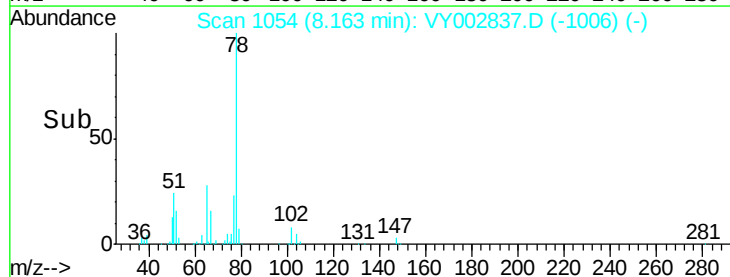
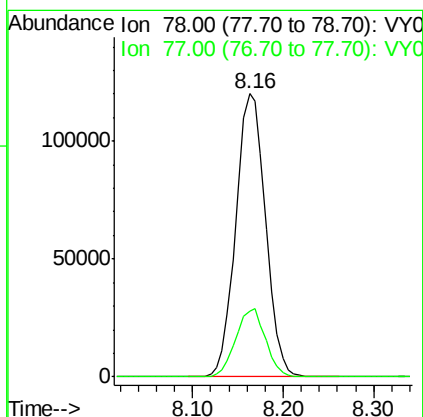
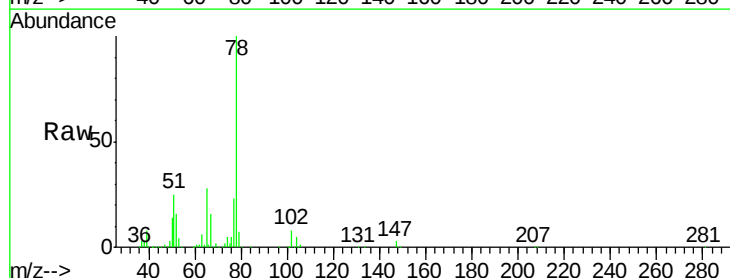
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

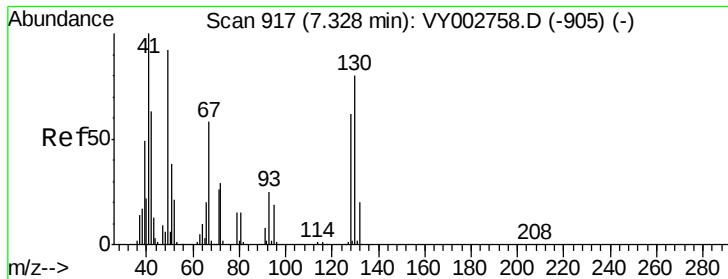
Tot Ion: 83 Resp: 119705
Ion Ratio Lower Upper
83 100
55 67.5 53.3 79.9
98 50.9 41.1 61.7



#40
Benzene
Concen: 21.698 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion: 78 Resp: 272741
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

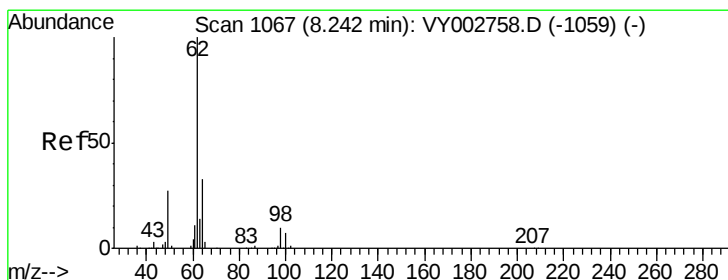
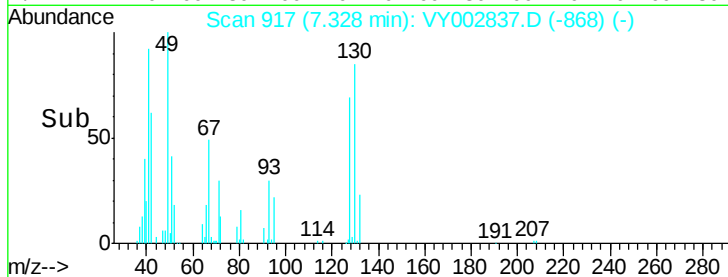
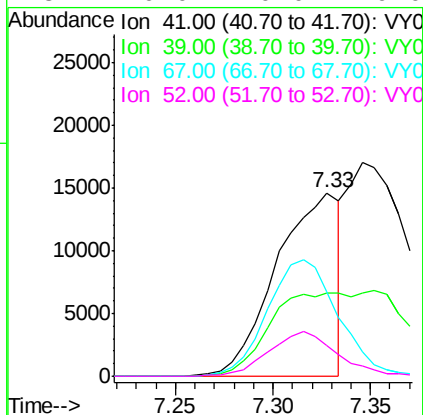
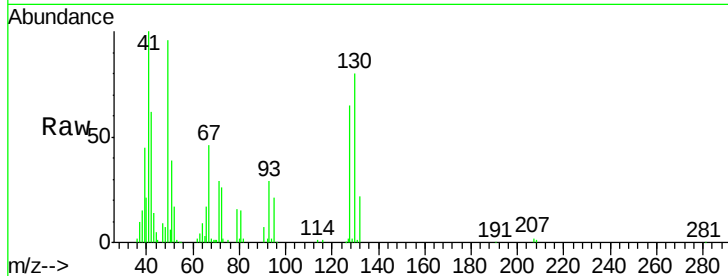




#41
Methacrylonitrile
Concen: 26.879 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

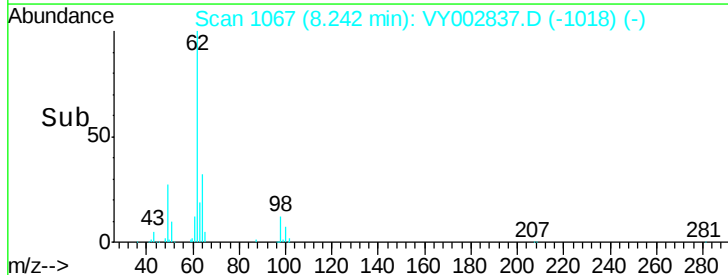
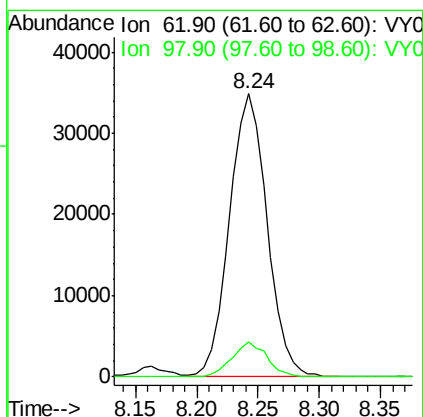
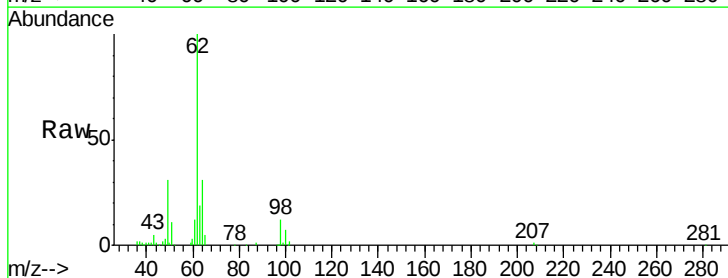
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

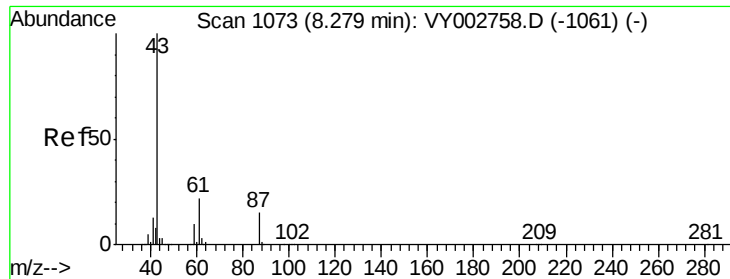
Tot Ion:	41	Resp:	33422
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.129 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion:	62	Resp:	74432
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.6





#43

Isopropyl Acetate

Concen: 22.285 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

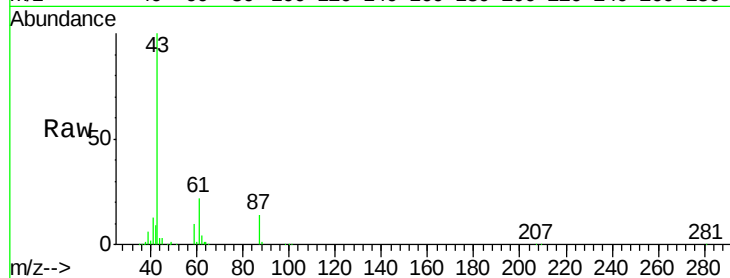
Tot Ion: 43 Resp: 97743

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

87 15.1 12.4 18.6

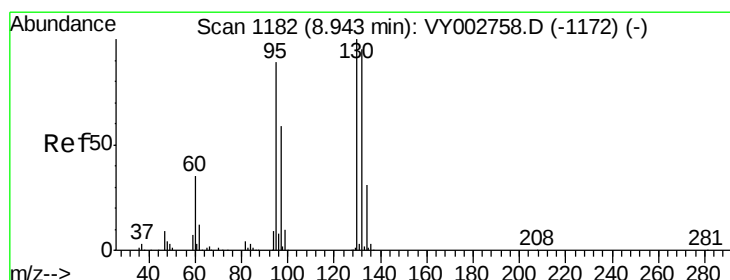
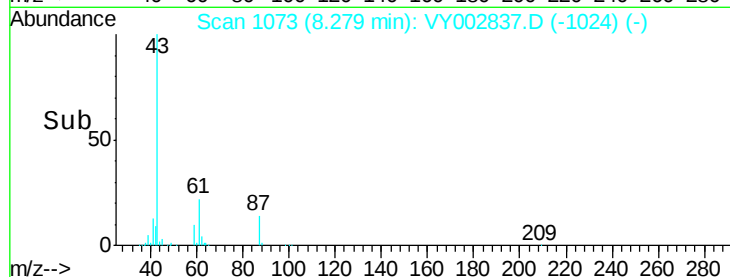


Abundance Ion 43.00 (42.70 to 43.70): VY002837.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002837.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002837.D (-1061) (-)

Time-->



#44

Trichloroethene

Concen: 20.915 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002837.D

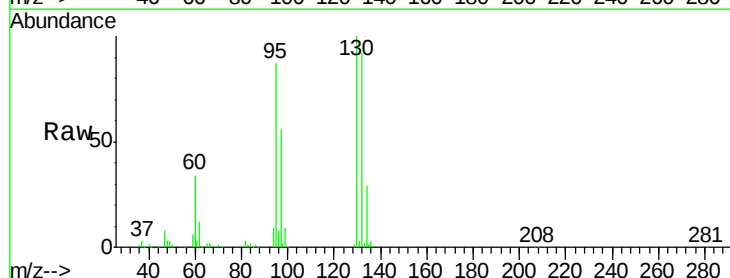
Acq: 04 Jun 2020 13:06

Tgt Ion: 130 Resp: 83042

Ion Ratio Lower Upper

130 100

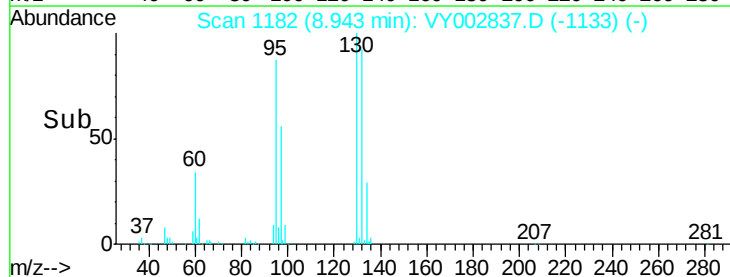
95 86.9 0.0 178.8

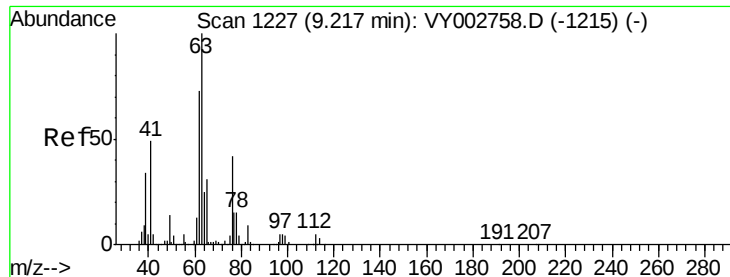


Abundance Ion 129.80 (129.50 to 130.50): VY002837.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002837.D (-1133) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 21.992 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

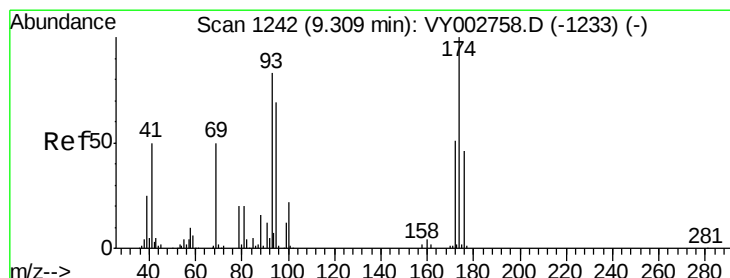
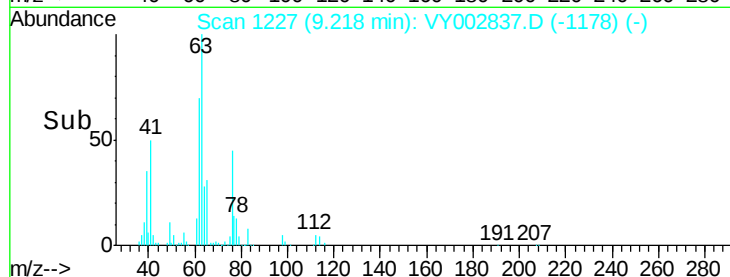
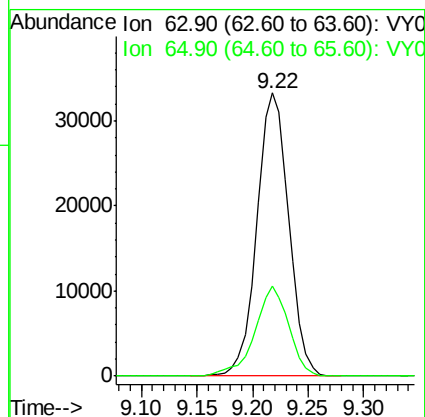
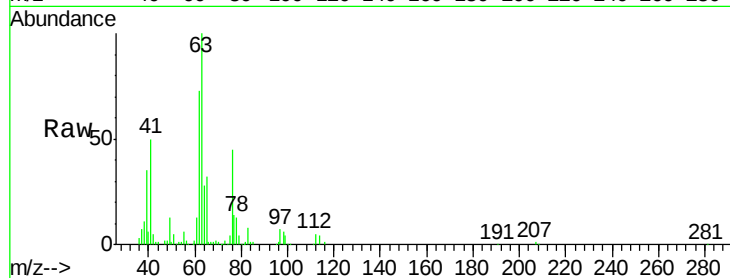
VY0604SBS01

Tot Ion: 63 Resp: 66293

Ion Ratio Lower Upper

63 100

65 31.7 24.8 37.2



#46

Dibromomethane

Concen: 21.872 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

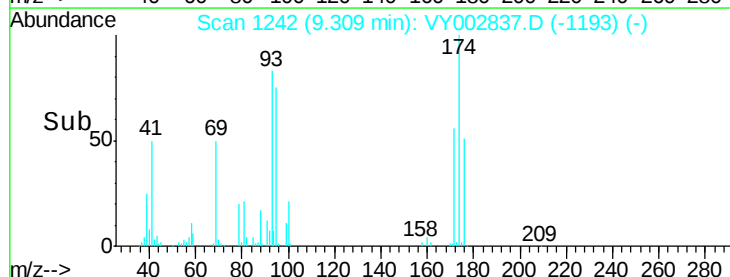
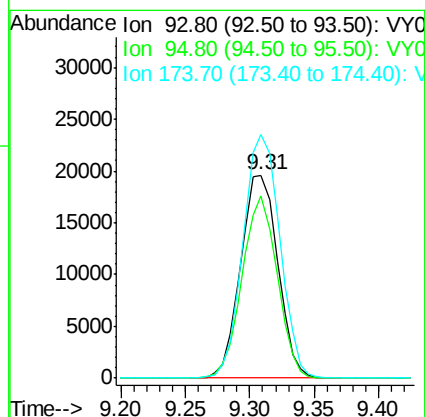
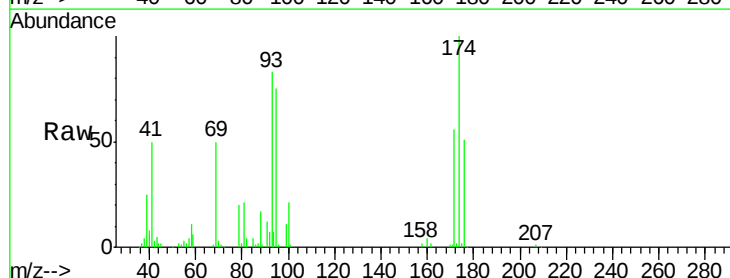
Tgt Ion: 93 Resp: 39156

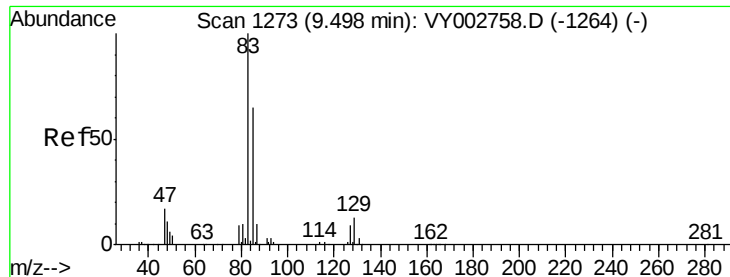
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

174 118.7 97.7 146.5





#47

Bromodichloromethane

Concen: 21.966 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

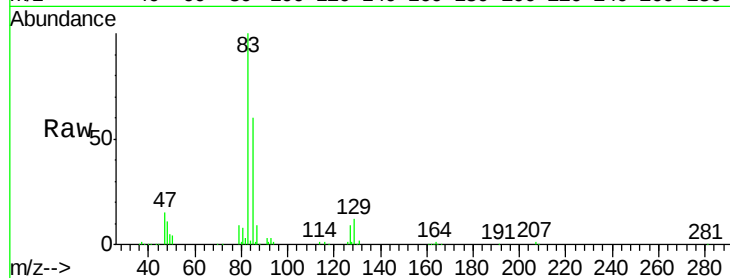
Tot Ion: 83 Resp: 92704

Ion Ratio Lower Upper

83 100

85 60.2 51.9 77.9

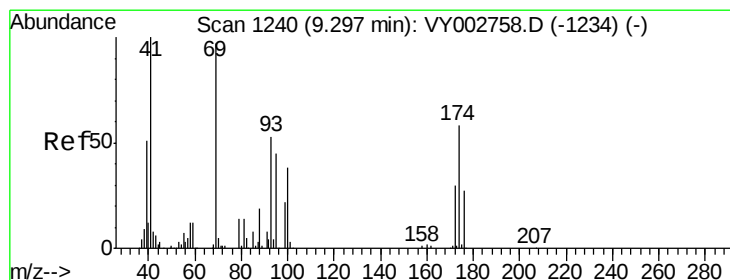
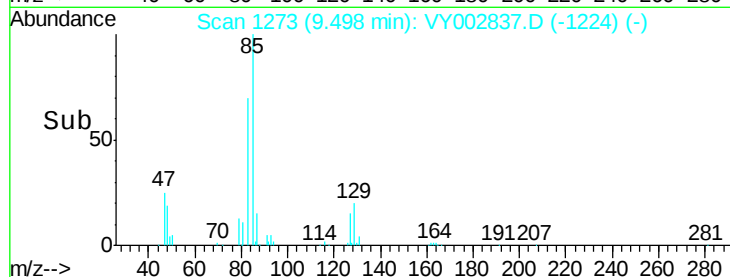
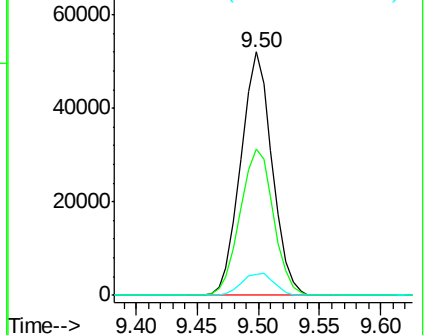
127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.124 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

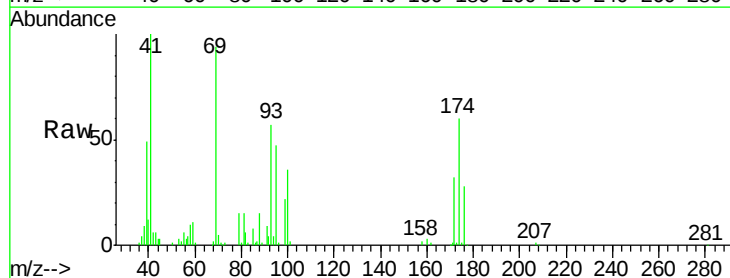
Tgt Ion: 41 Resp: 43805

Ion Ratio Lower Upper

41 100

69 97.9 79.7 119.5

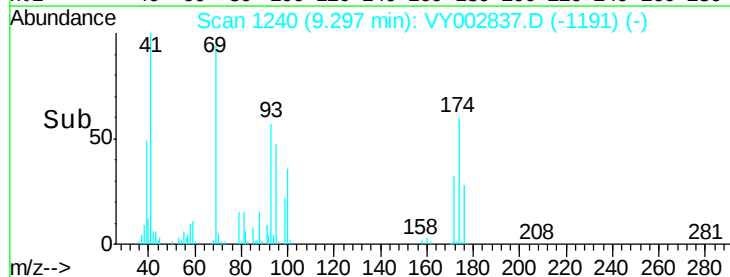
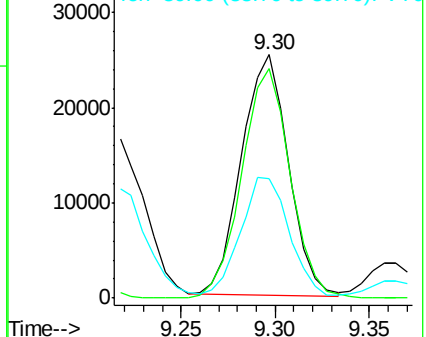
39 49.9 43.3 64.9

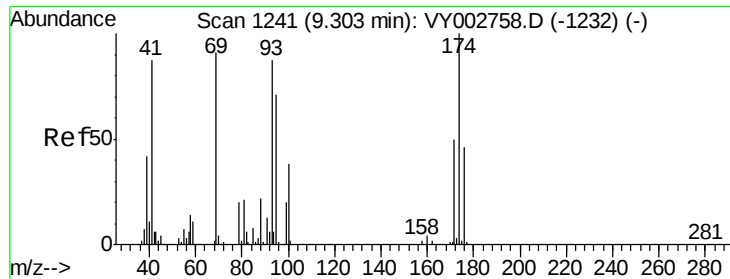


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

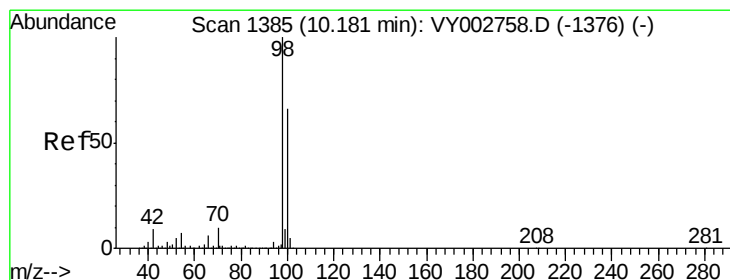
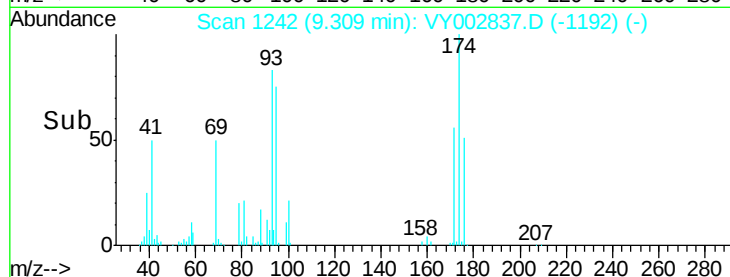
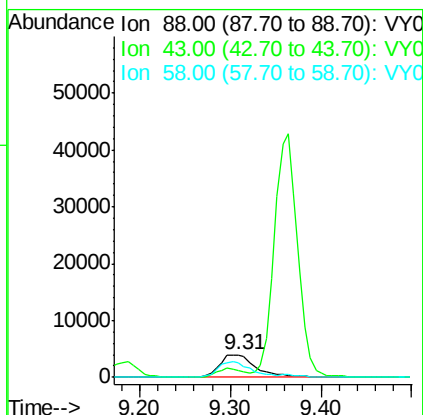
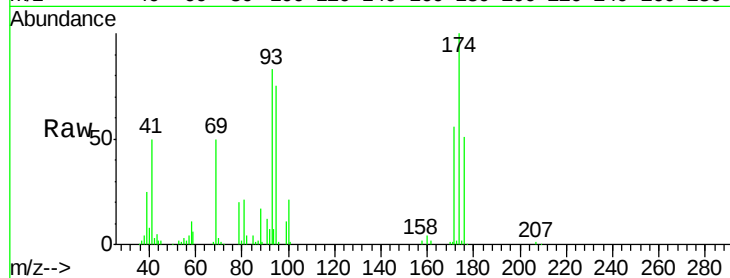




#49
1,4-Dioxane
Concen: 409.997 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

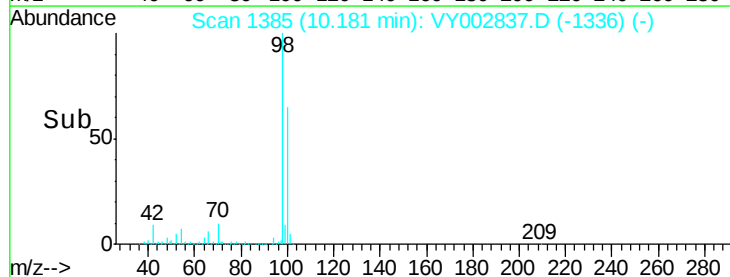
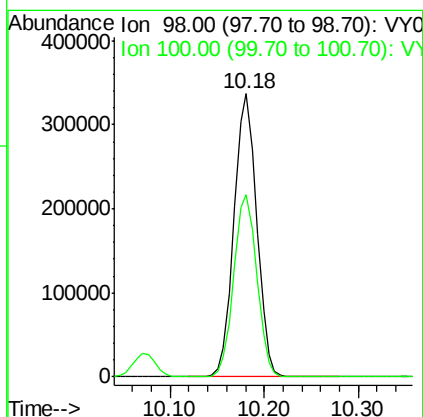
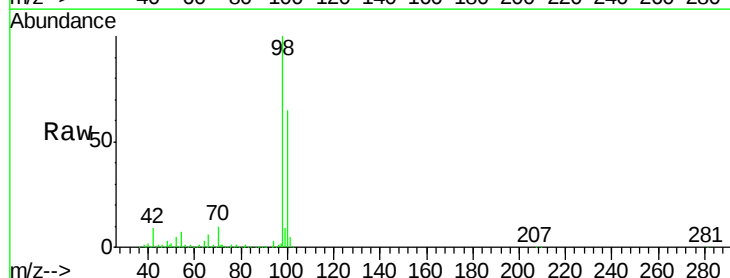
Instrument :
MSVOA_Y
ClientSampled :
VY0604SBS01

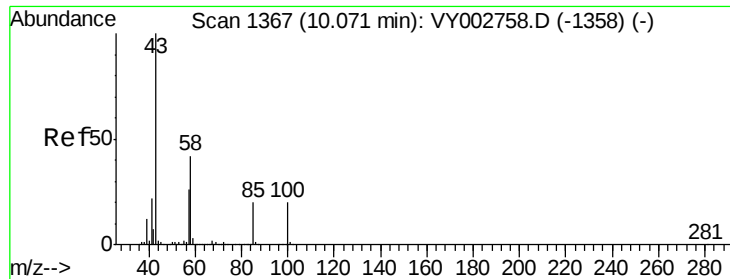
Tot Ion: 88 Resp: 11270
Ion Ratio Lower Upper
88 100
43 28.4 21.3 31.9
58 63.3 52.2 78.2



#50
Toluene-d8
Concen: 47.169 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion: 98 Resp: 564449
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

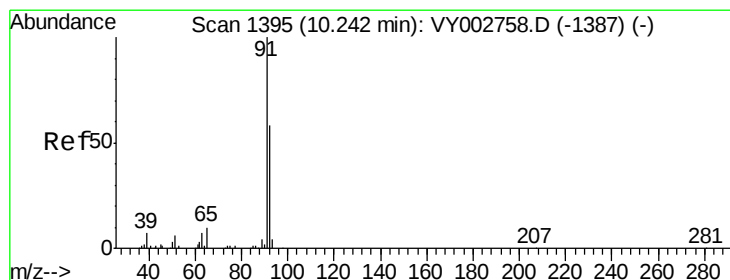
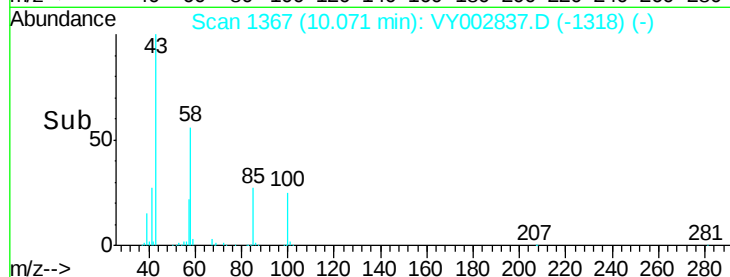
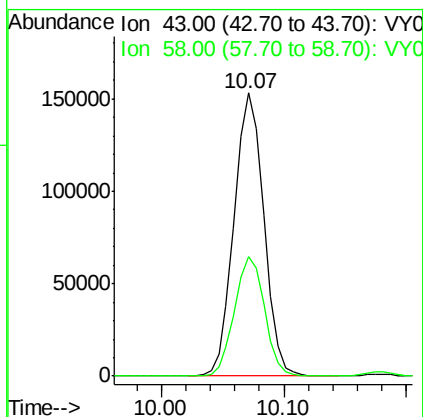
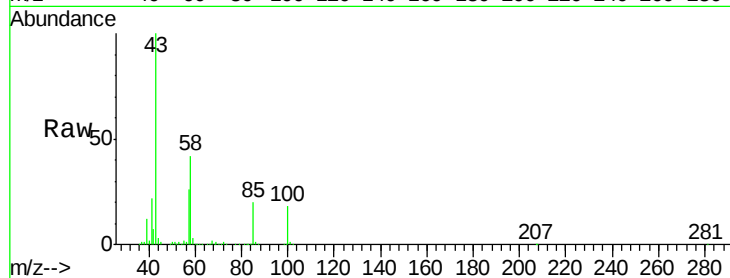




#51
4-Methyl-2-Pentanone
Concen: 111.250 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

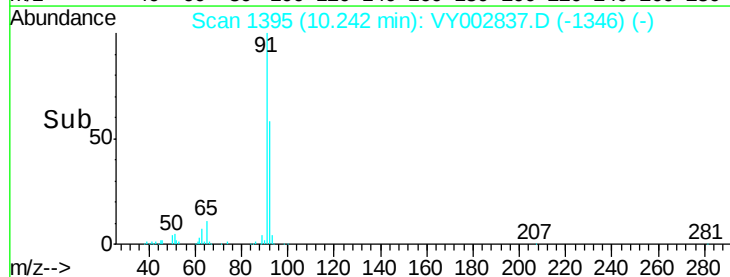
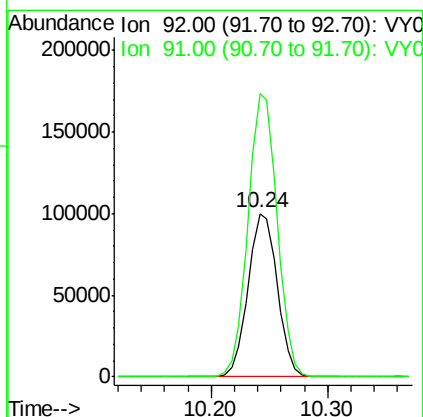
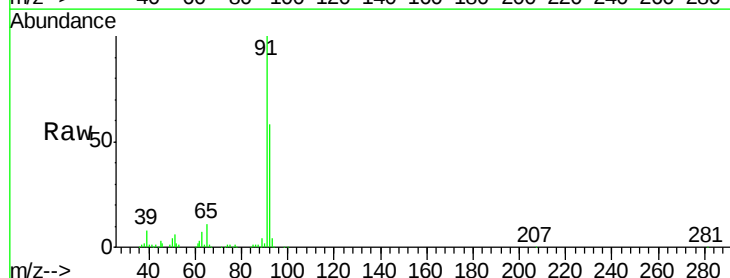
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

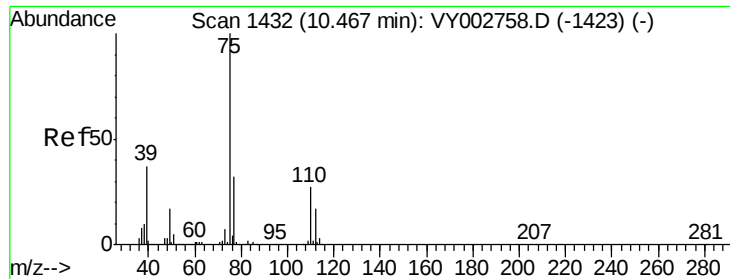
Tot Ion: 43 Resp: 258380
Ion Ratio Lower Upper
43 100
58 42.3 34.2 51.2



#52
Toluene
Concen: 21.366 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion: 92 Resp: 175691
Ion Ratio Lower Upper
92 100
91 172.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.551 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

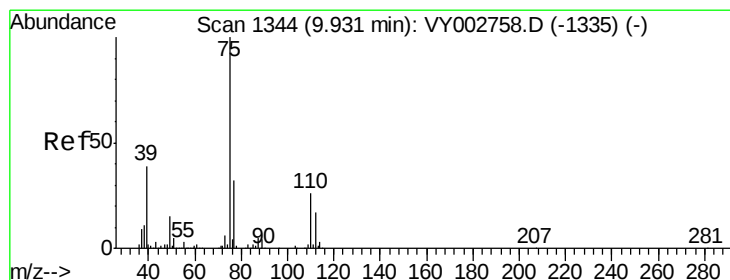
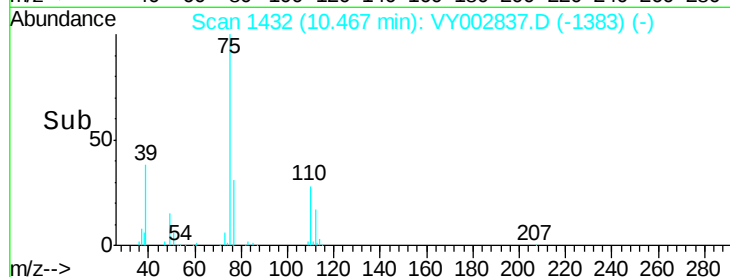
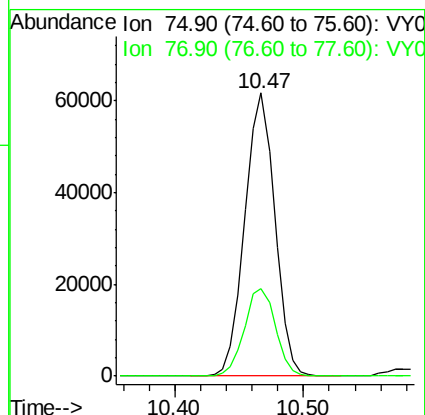
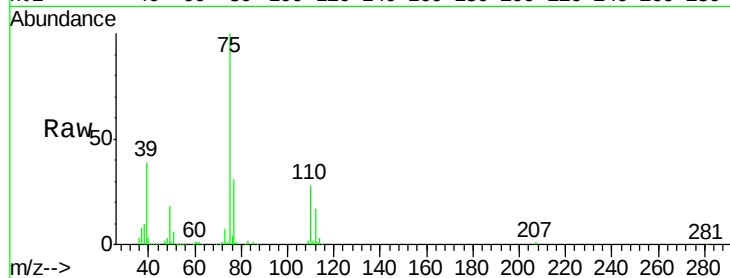
VY0604SBS01

Tot Ion: 75 Resp: 99343

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.541 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

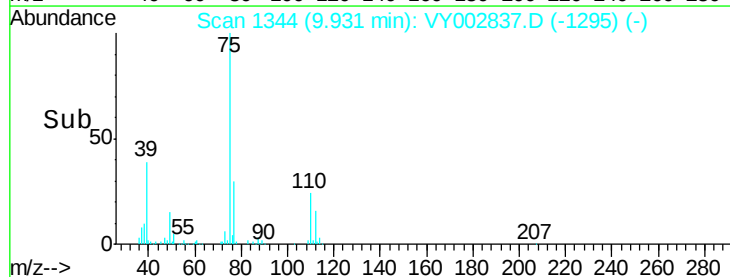
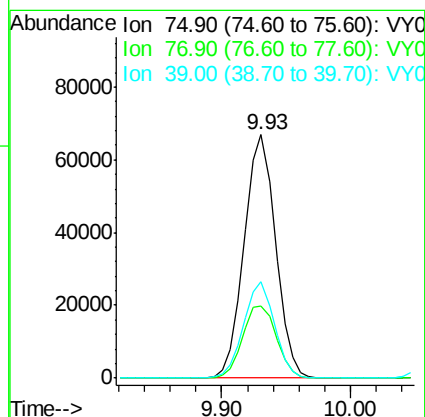
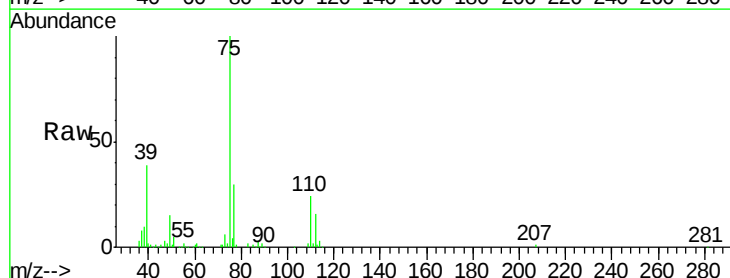
Tgt Ion: 75 Resp: 112517

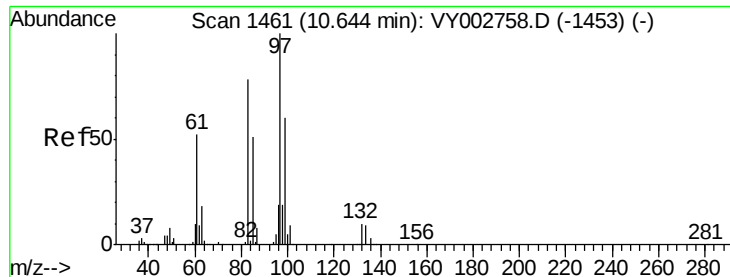
Ion Ratio Lower Upper

75 100

77 29.7 25.6 38.4

39 39.5 31.3 46.9

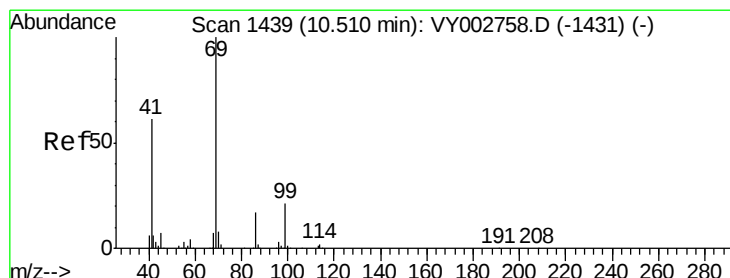
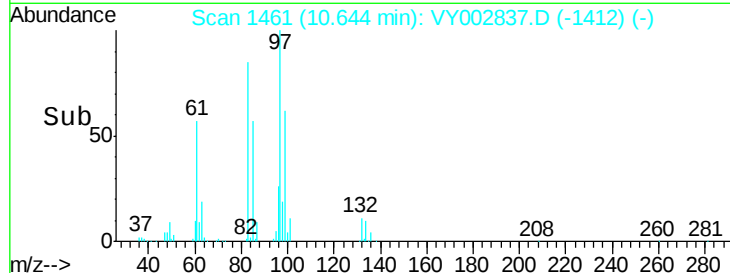
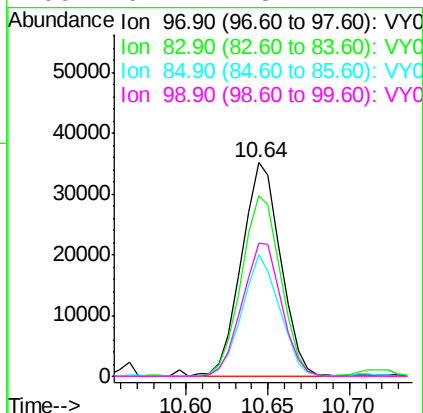
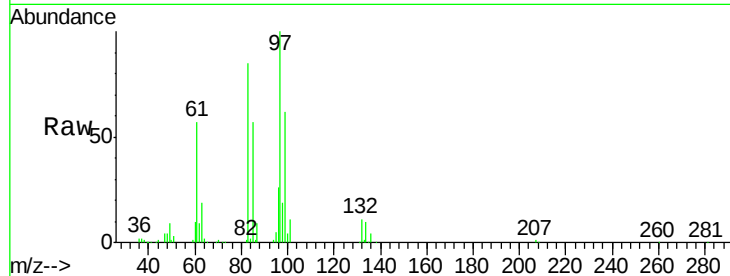




#55
 1,1,2-Trichloroethane
 Concen: 21.464 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

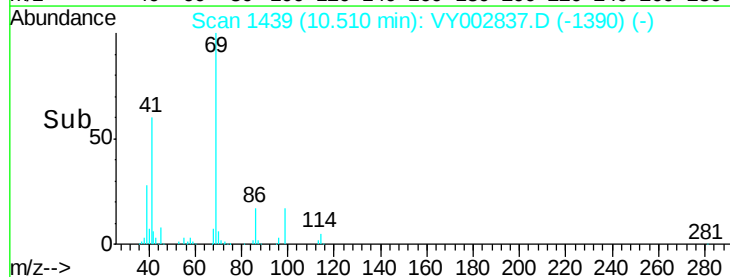
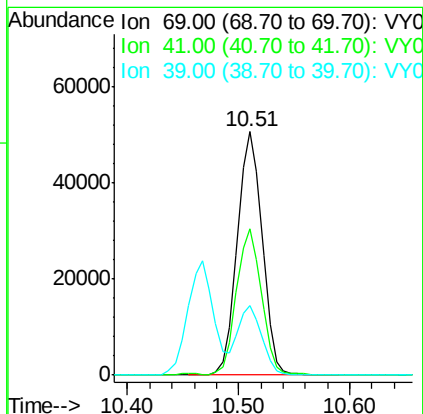
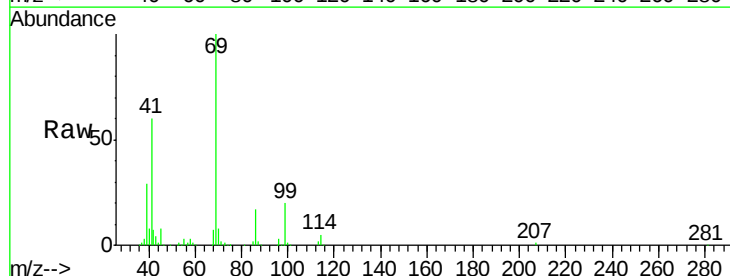
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

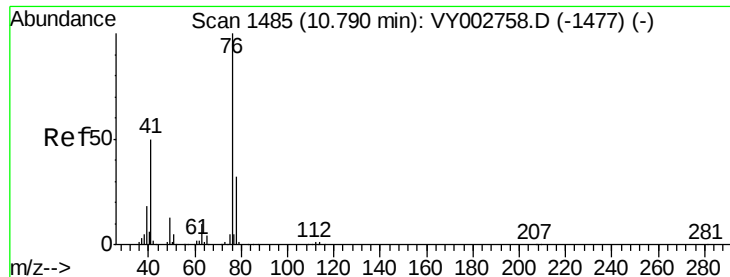
Tot Ion:	97	Resp:	58828
Ion	Ratio	Lower	Upper
97	100		
83	84.7	62.7	94.1
85	56.9	40.6	60.8
99	62.1	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.447 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion:	69	Resp:	78731
Ion	Ratio	Lower	Upper
69	100		
41	59.6	47.0	70.4
39	27.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 22.006 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

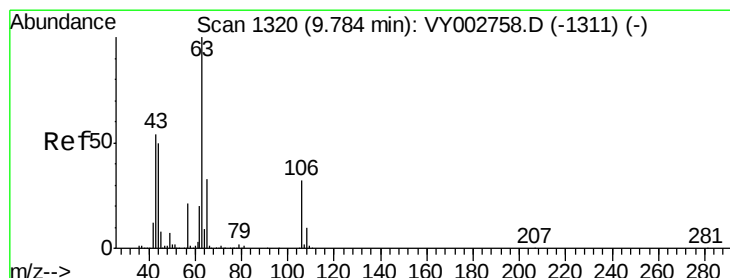
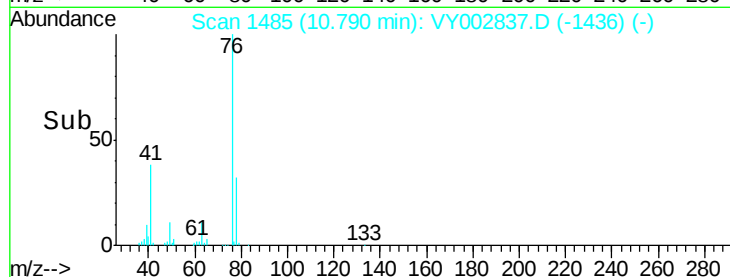
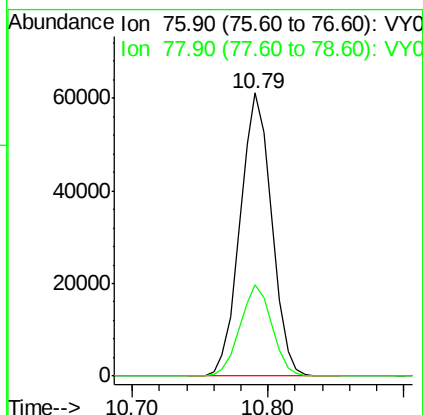
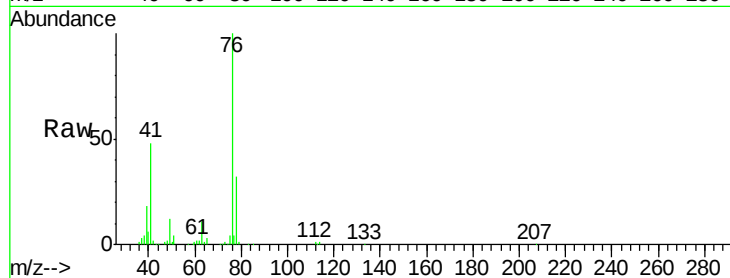
VY0604SBS01

Tot Ion: 76 Resp: 99201

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 105.388 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002837.D

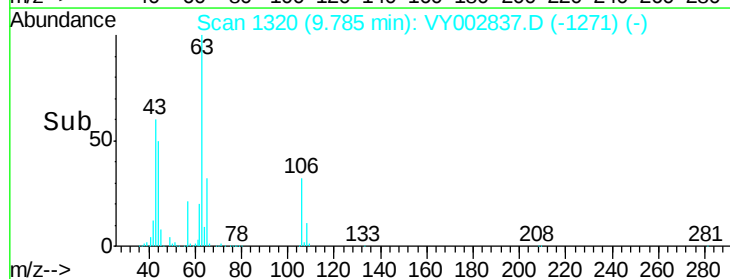
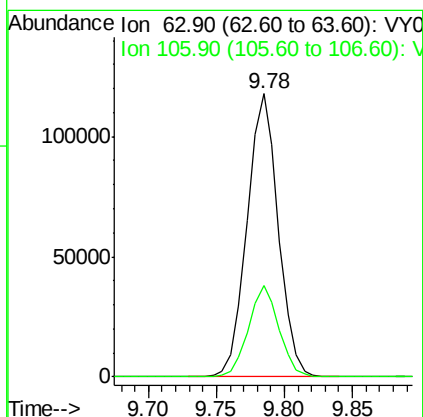
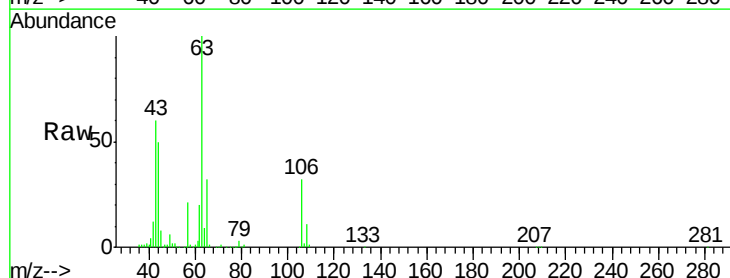
Acq: 04 Jun 2020 13:06

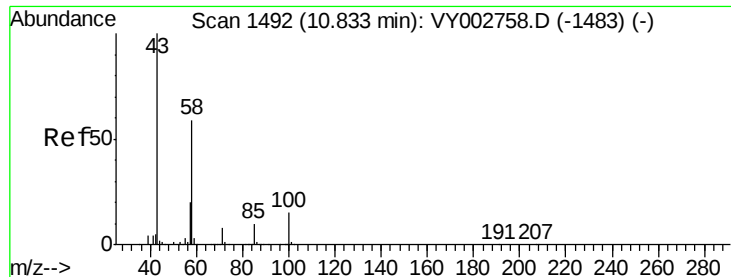
Tgt Ion: 63 Resp: 189039

Ion Ratio Lower Upper

63 100

106 31.6 25.4 38.2

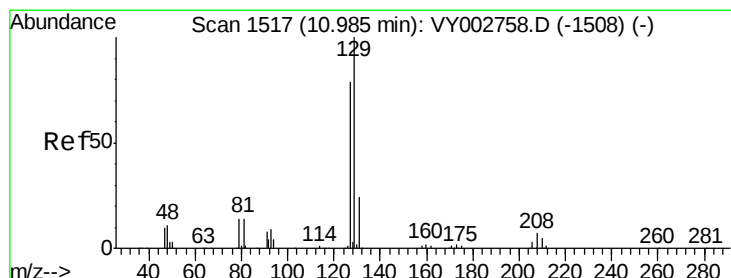
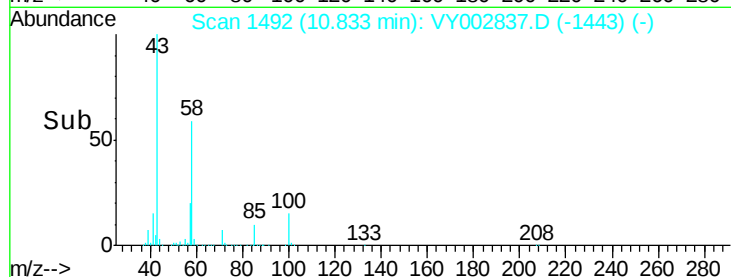
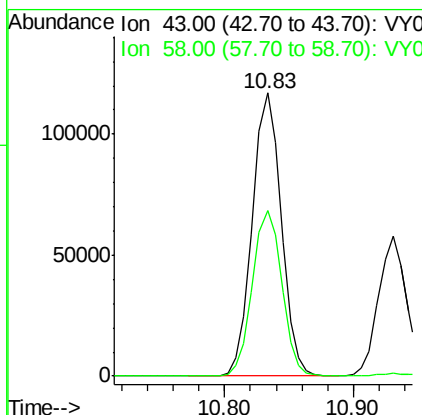
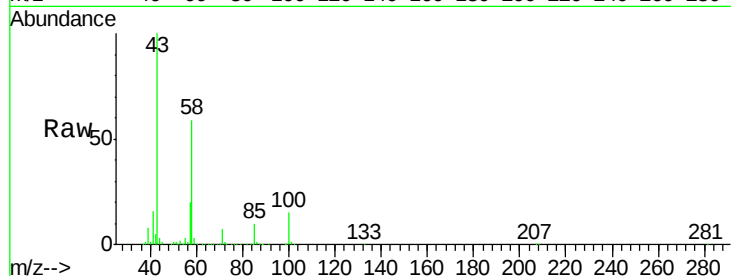




#59
2-Hexanone
Concen: 110.020 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

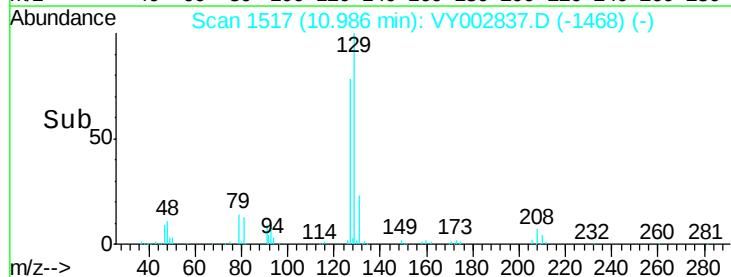
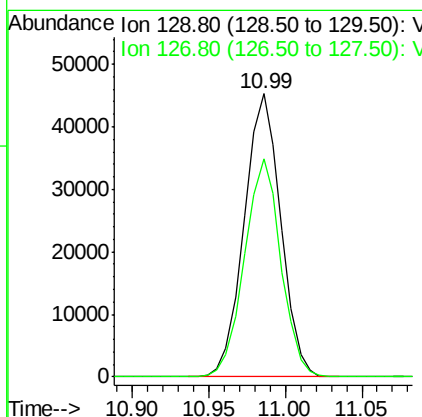
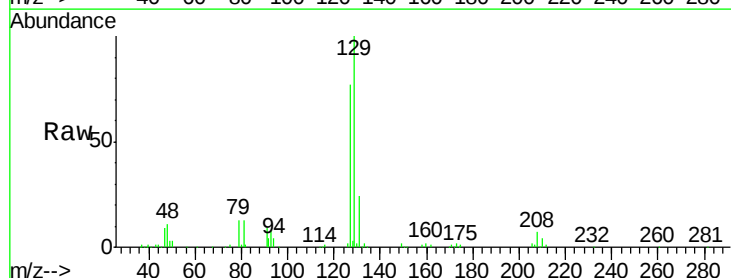
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

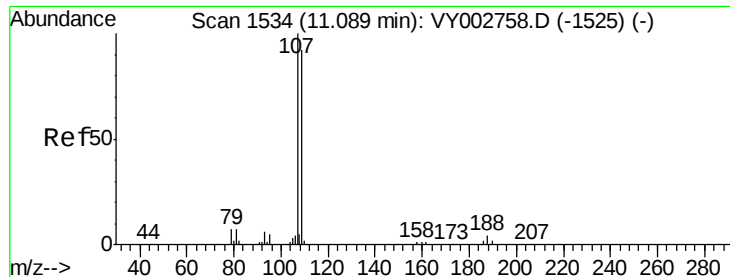
Tot Ion: 43 Resp: 181300
Ion Ratio Lower Upper
43 100
58 59.6 29.5 88.5



#60
Dibromochloromethane
Concen: 21.614 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion: 129 Resp: 75104
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3

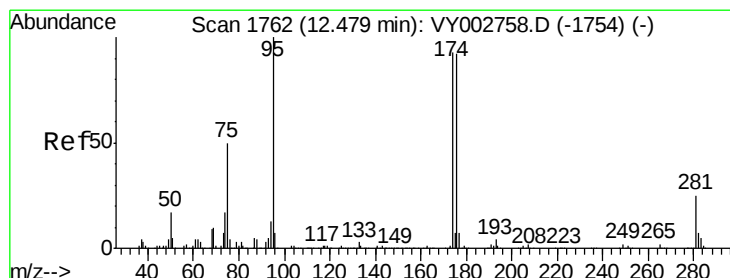
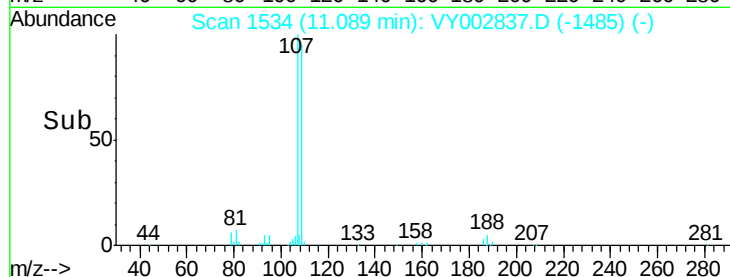
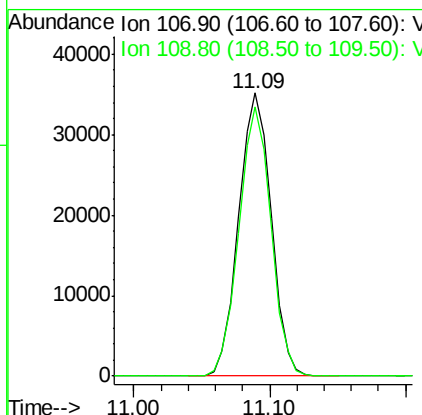
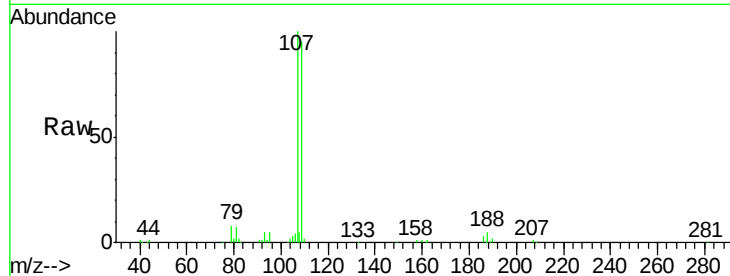




#61
 1,2-Dibromoethane
 Concen: 21.774 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

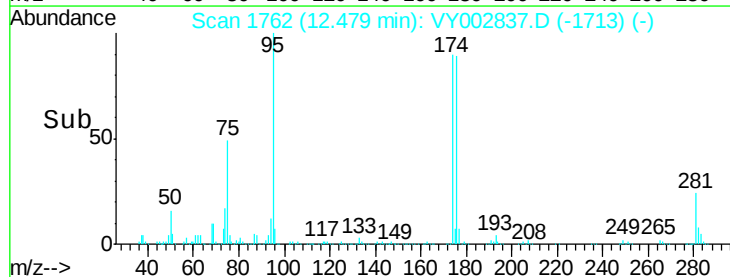
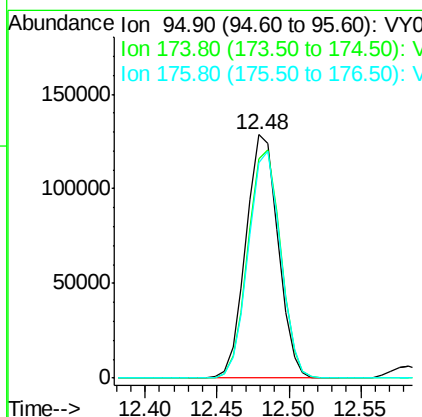
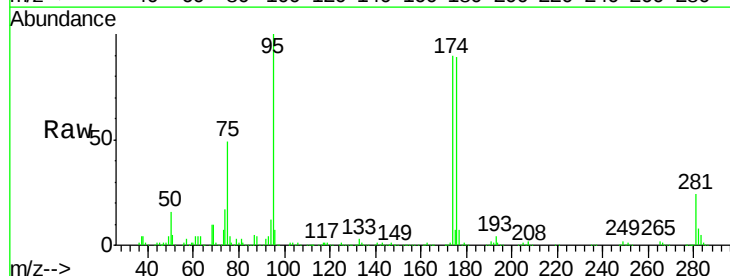
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

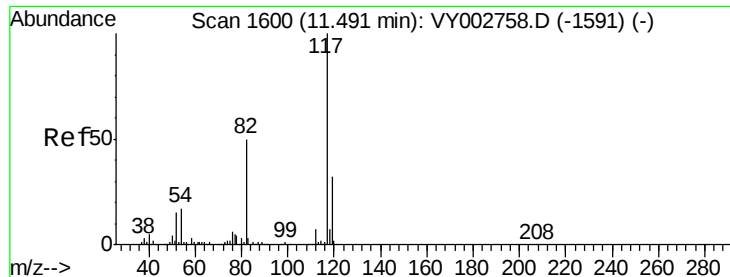
Tot Ion:107 Resp: 58868
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.625 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion: 95 Resp: 198855
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 191.2
 176 92.8 0.0 188.8

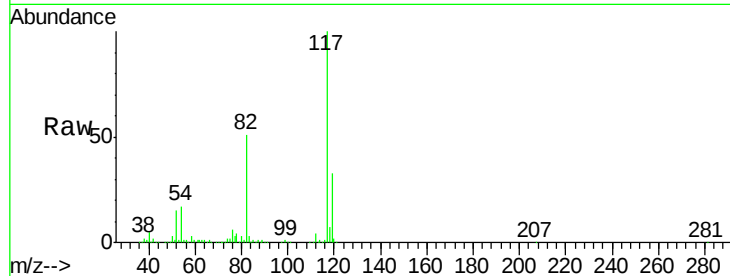




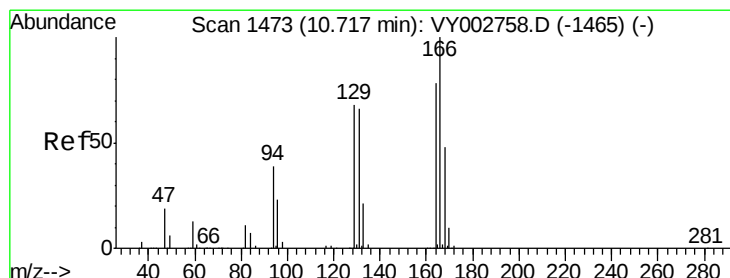
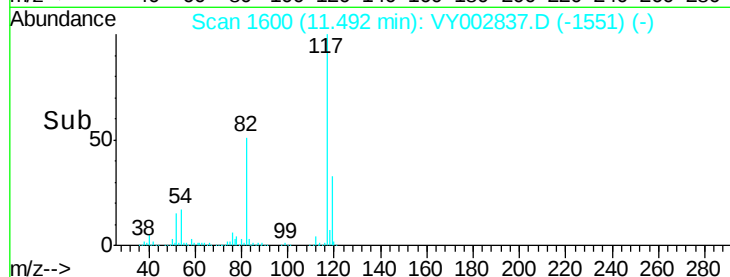
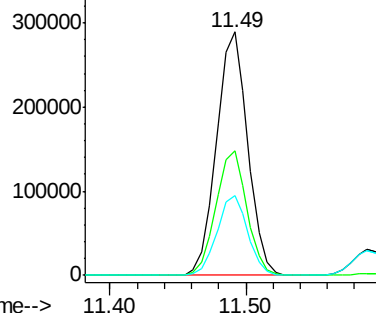
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

Tot Ion:117 Resp: 463642
Ion Ratio Lower Upper
117 100
82 51.0 40.2 60.4
119 32.5 25.8 38.8

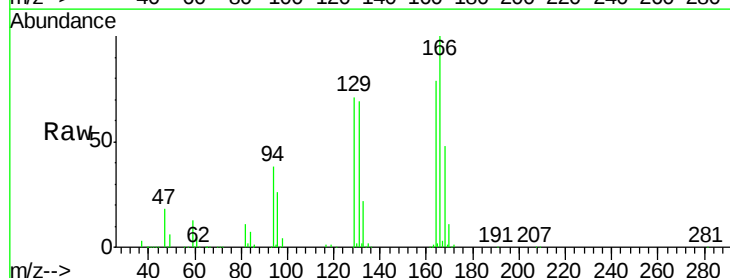


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

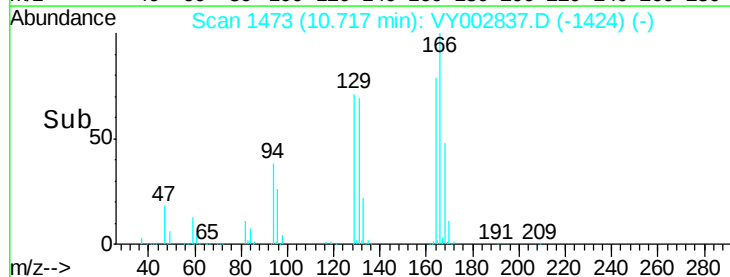
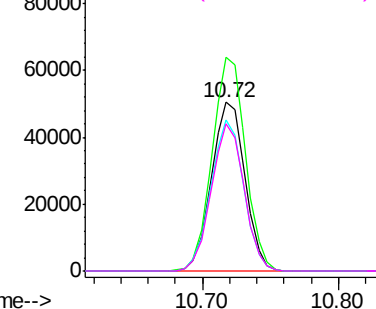


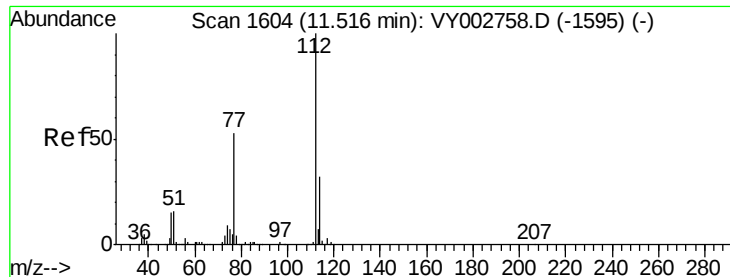
#64
Tetrachloroethene
Concen: 20.606 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion:164 Resp: 86830
Ion Ratio Lower Upper
164 100
166 126.6 102.3 153.5
129 89.4 69.4 104.2
131 87.0 67.8 101.6



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

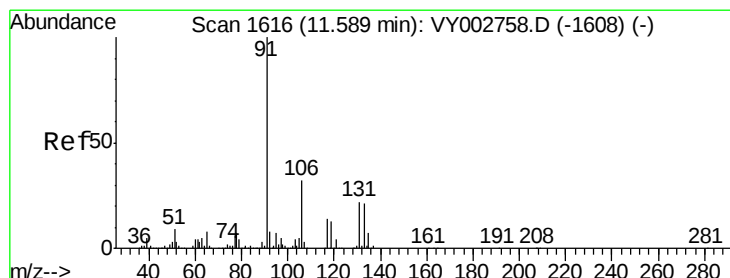
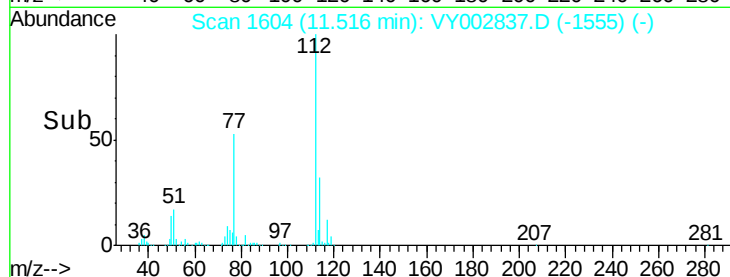
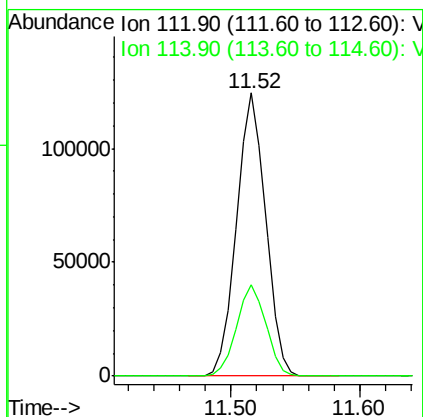
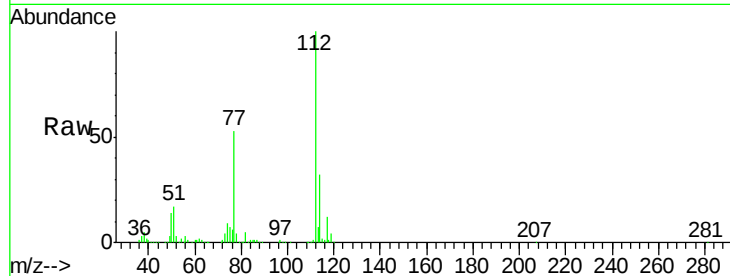




#65
Chlorobenzene
Concen: 21.280 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

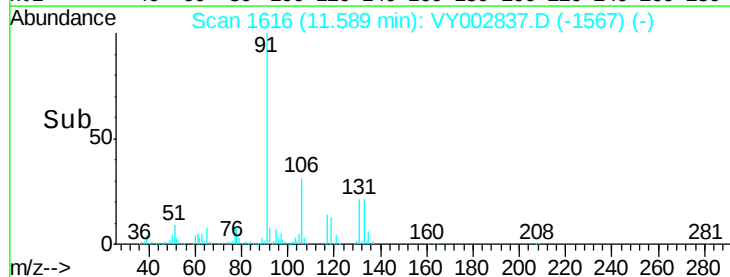
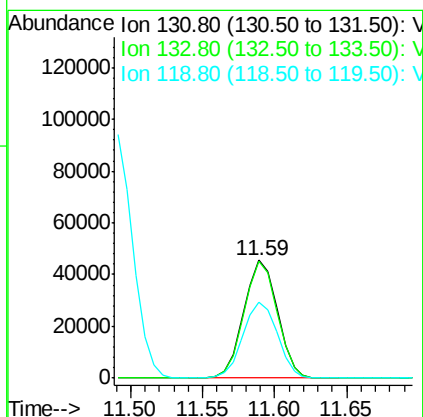
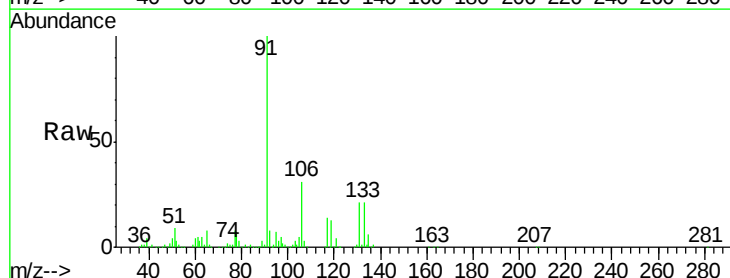
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

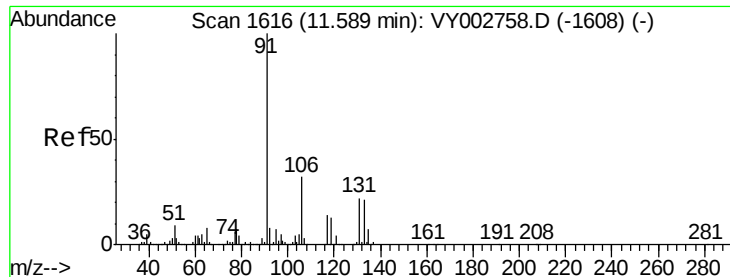
Tot Ion:112 Resp: 195006
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.411 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion:131 Resp: 73896
Ion Ratio Lower Upper
131 100
133 97.8 47.6 142.8
119 65.6 31.7 95.1

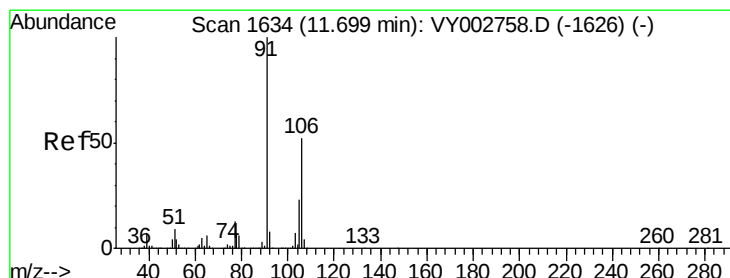
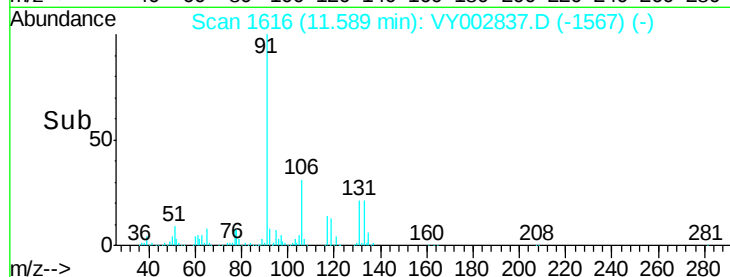
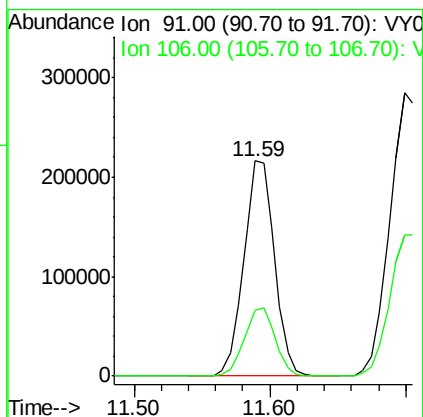
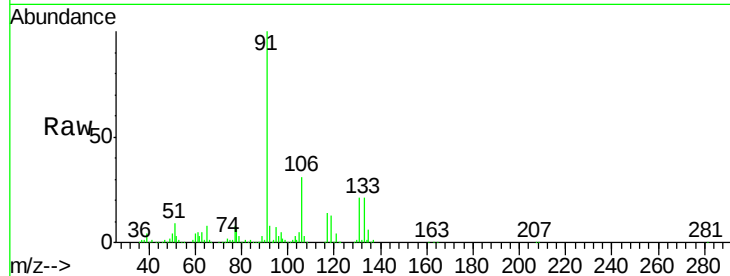




#67
Ethyl Benzene
Concen: 21.428 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

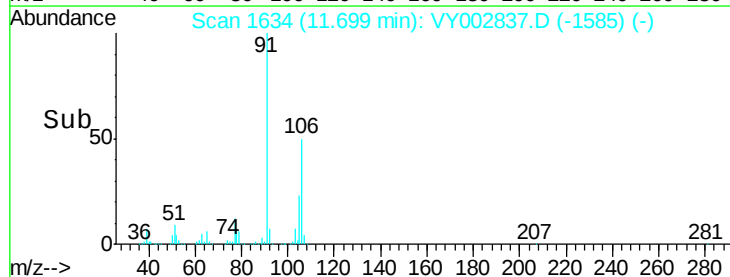
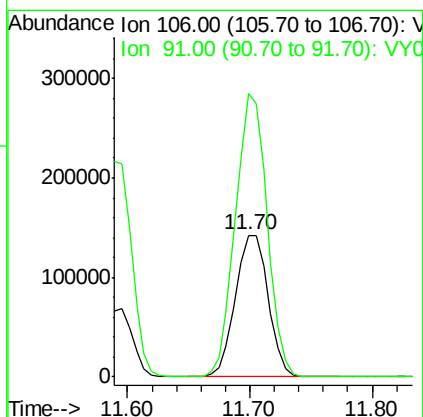
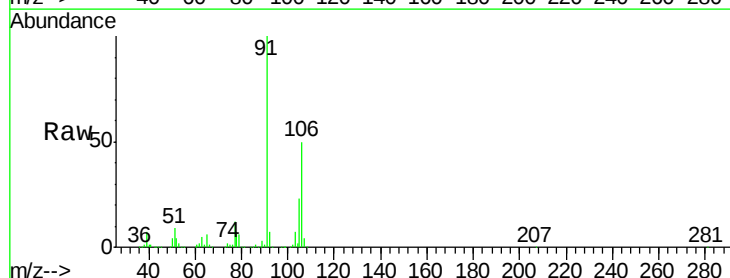
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

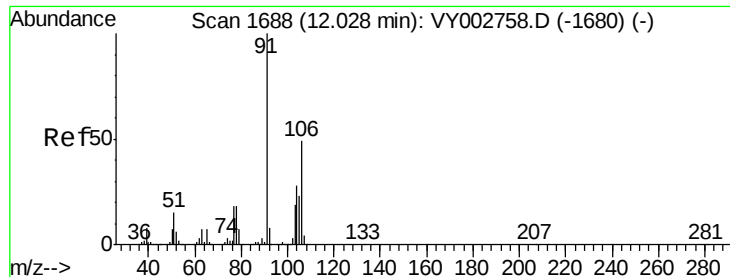
Tot Ion: 91 Resp: 340423
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5



#68
m/p-Xylenes
Concen: 42.924 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion: 106 Resp: 264394
Ion Ratio Lower Upper
106 100
91 193.8 156.0 234.0

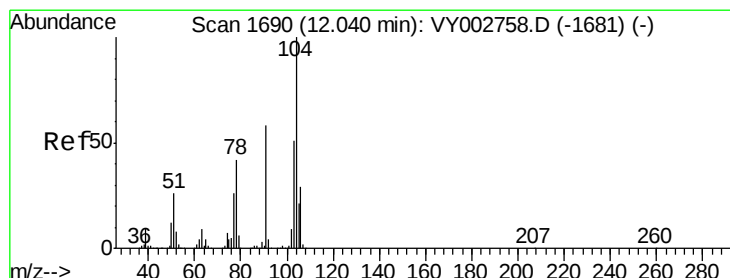
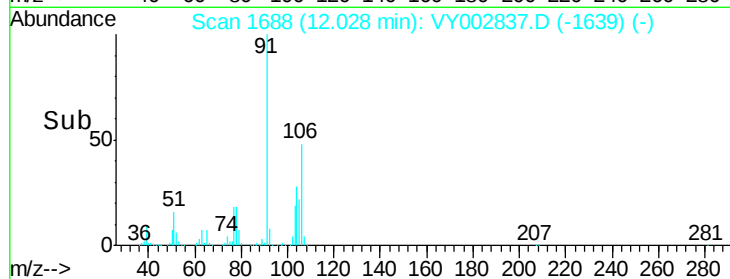
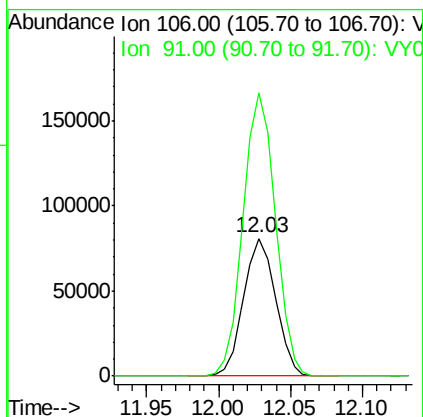
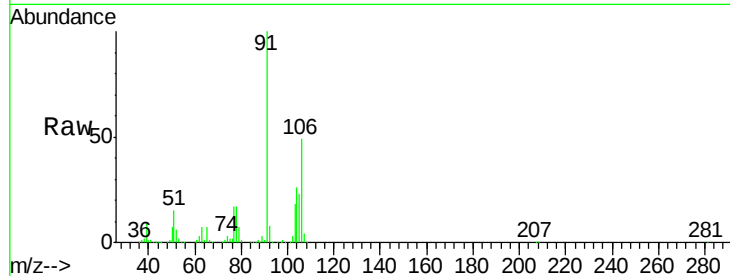




#69
o-Xylene
Concen: 21.583 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

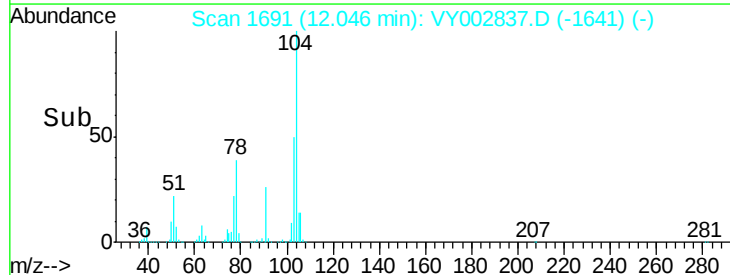
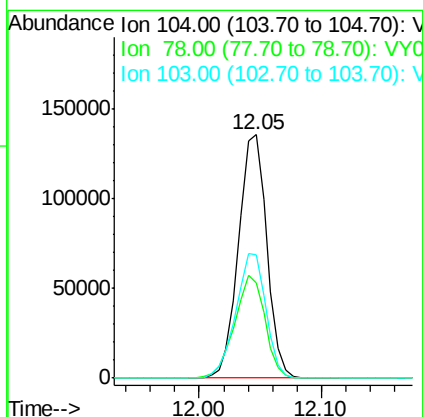
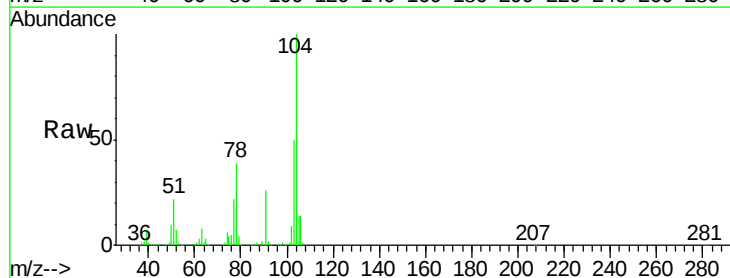
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

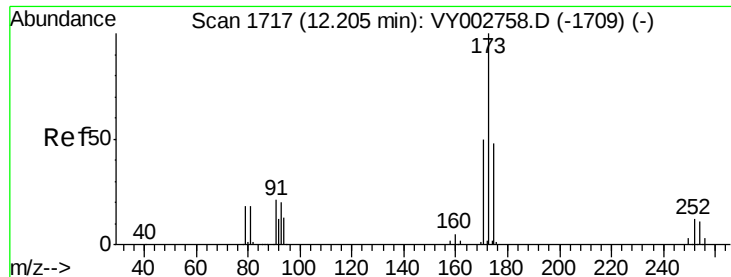
Tot Ion:106 Resp: 125505
Ion Ratio Lower Upper
106 100
91 206.0 102.4 307.1



#70
Styrene
Concen: 21.549 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion:104 Resp: 217217
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.4
103 54.5 43.6 65.4

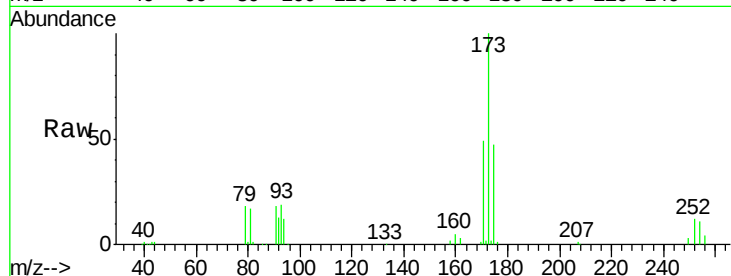




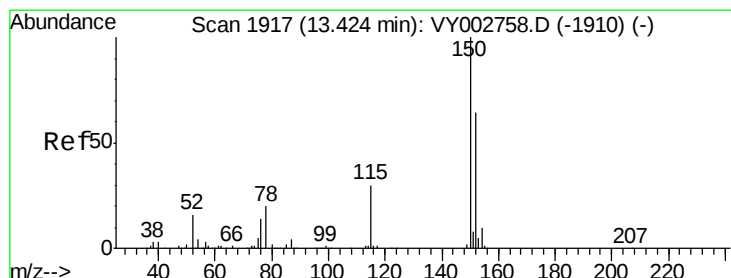
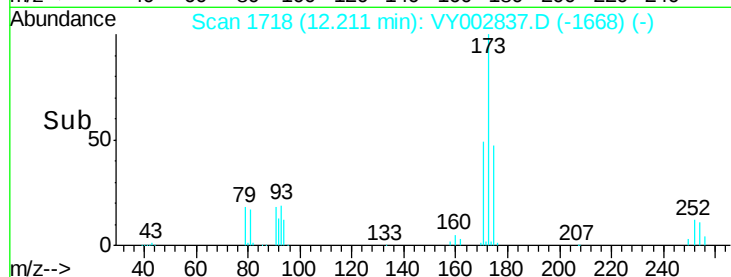
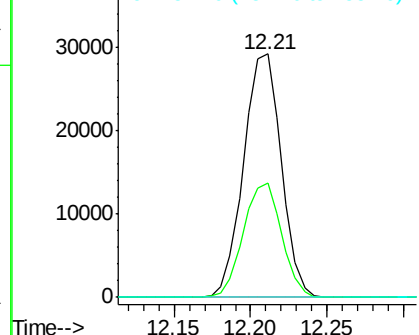
#71
Bromoform
Concen: 21.602 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

Tot Ion:173 Resp: 49887
Ion Ratio Lower Upper
173 100
175 47.7 24.3 72.8
254 0.0 0.1 0.1#

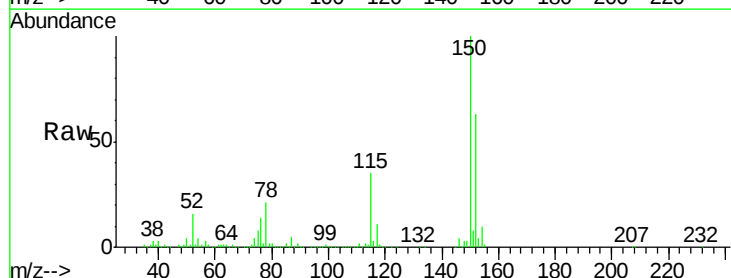


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

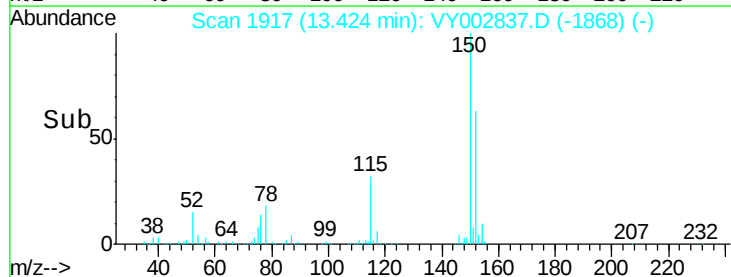
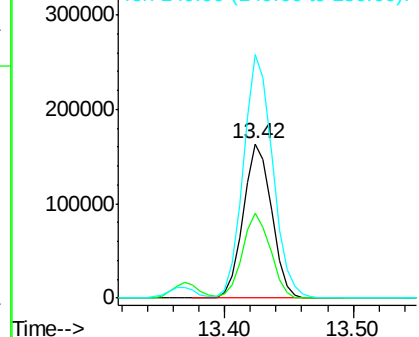


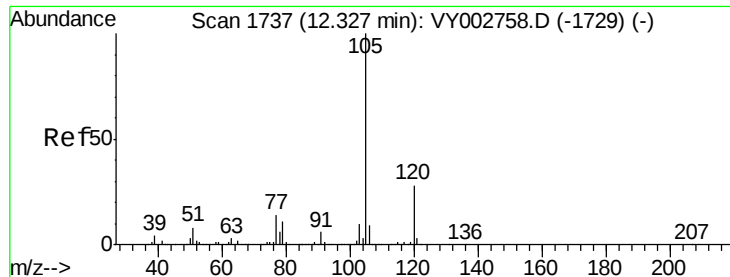
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion:152 Resp: 247986
Ion Ratio Lower Upper
152 100
115 54.3 27.0 81.0
150 163.1 0.0 344.8



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





#73

Isopropylbenzene

Concen: 21.548 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

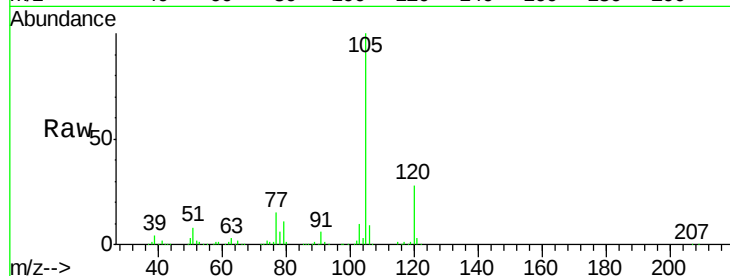
VY0604SBS01

Tot Ion:105 Resp: 342440

Ion Ratio Lower Upper

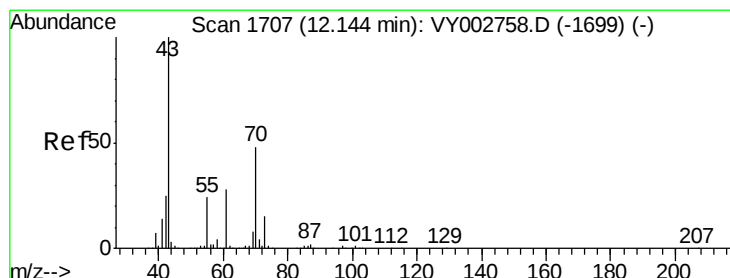
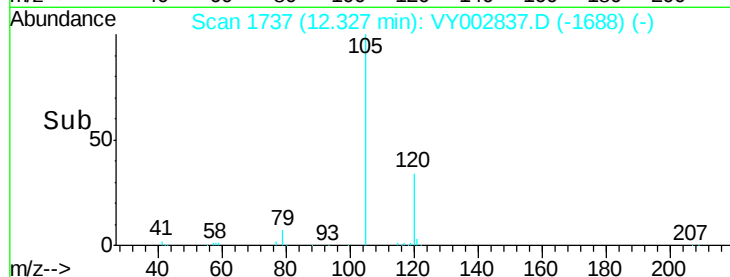
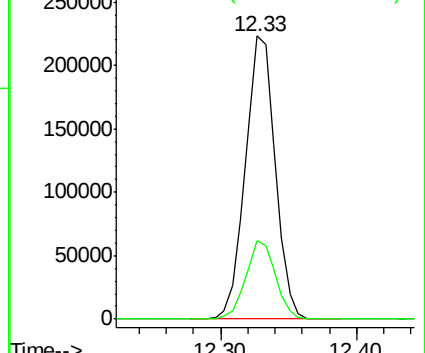
105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.249 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Tgt Ion: 43 Resp: 90724

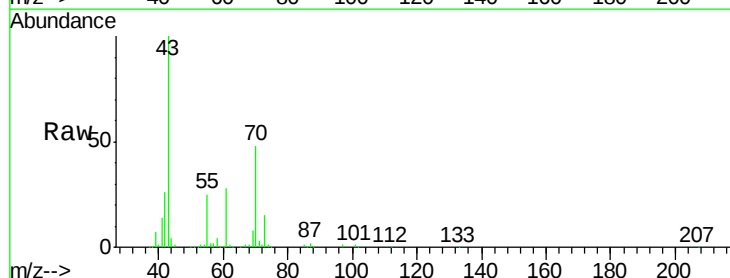
Ion Ratio Lower Upper

43 100

70 48.1 37.7 56.5

55 25.2 19.8 29.6

61 27.4 21.7 32.5

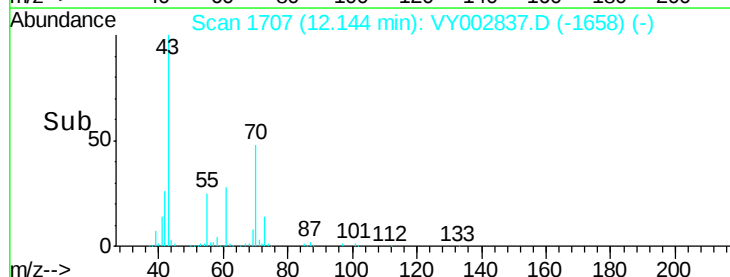
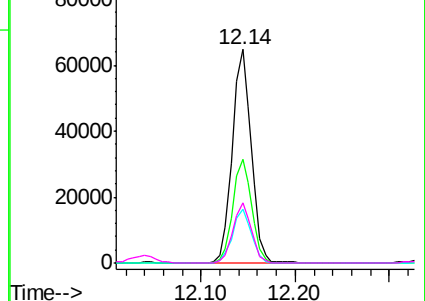


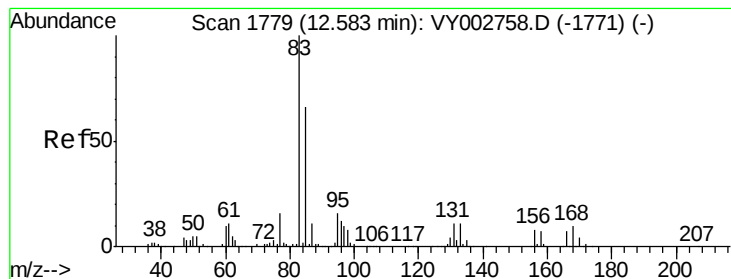
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.491 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

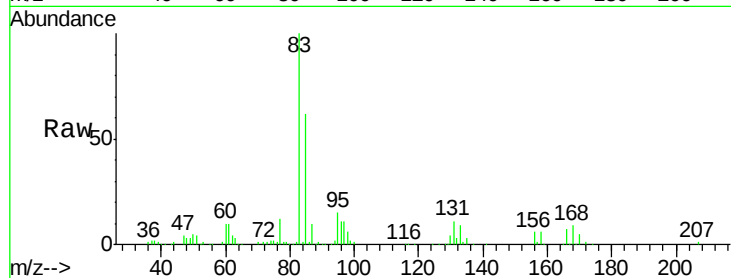
Tot Ion: 83 Resp: 65502

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.4

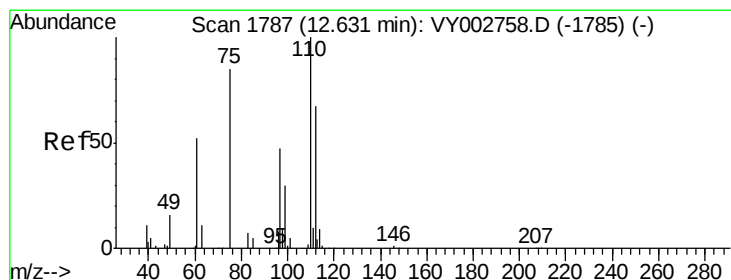
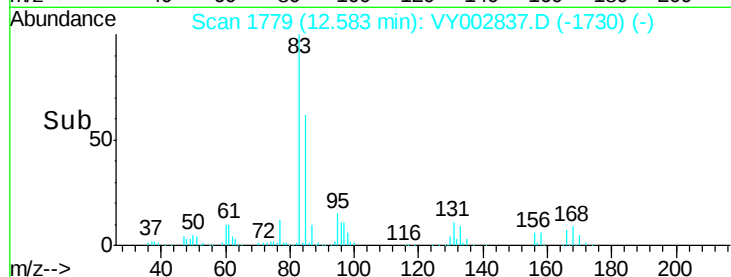
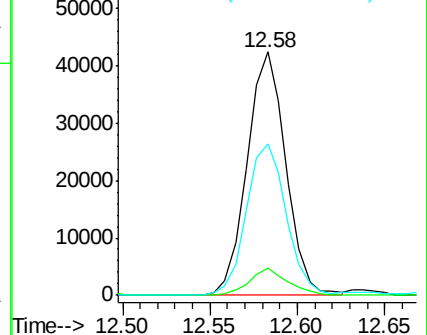
85 64.1 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 22.778 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002837.D

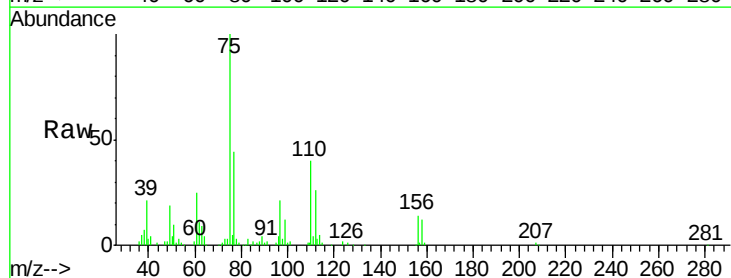
Acq: 04 Jun 2020 13:06

Tgt Ion: 75 Resp: 50899

Ion Ratio Lower Upper

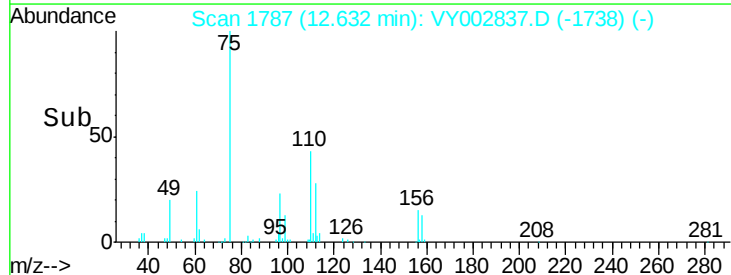
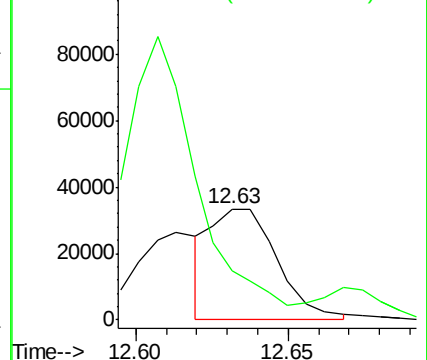
75 100

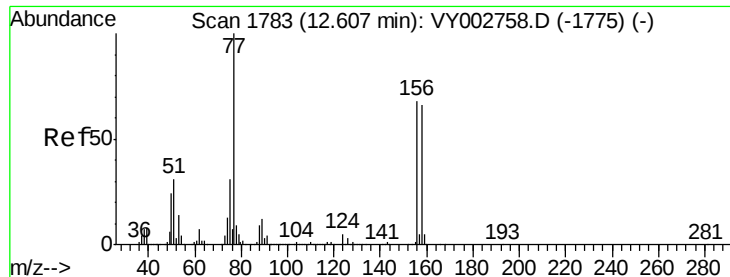
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.135 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

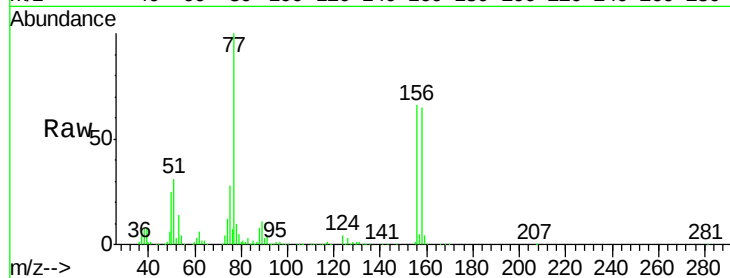
Tot Ion:156 Resp: 87457

Ion Ratio Lower Upper

156 100

77 166.5 81.4 244.2

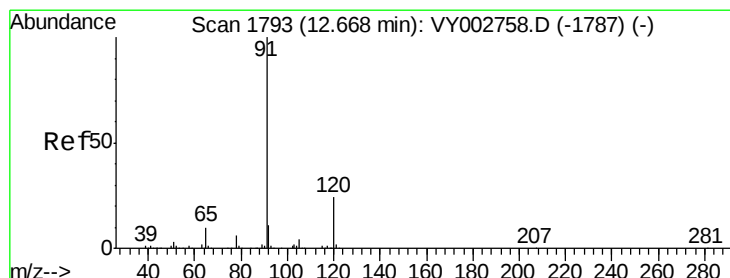
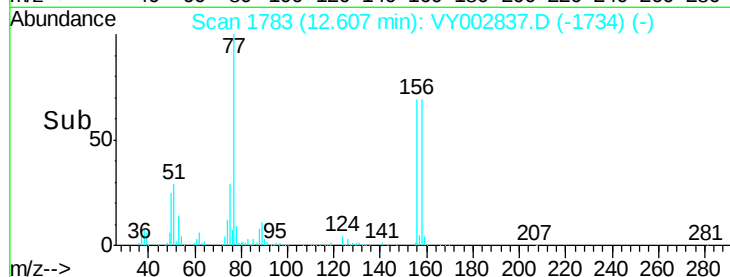
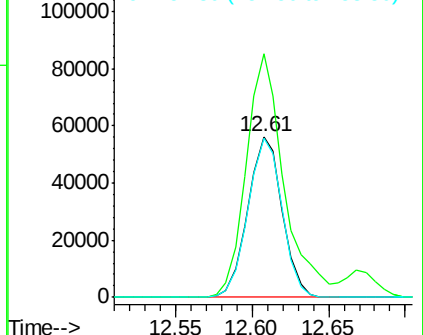
158 98.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.844 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002837.D

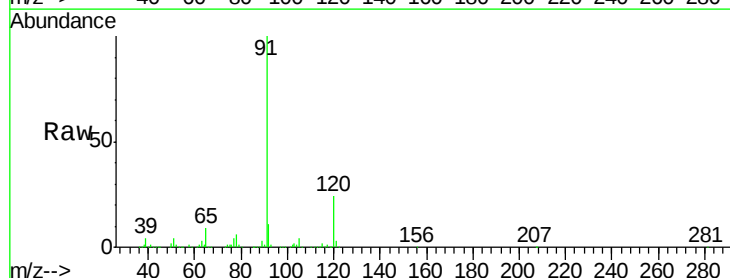
Acq: 04 Jun 2020 13:06

Tgt Ion: 91 Resp: 400987

Ion Ratio Lower Upper

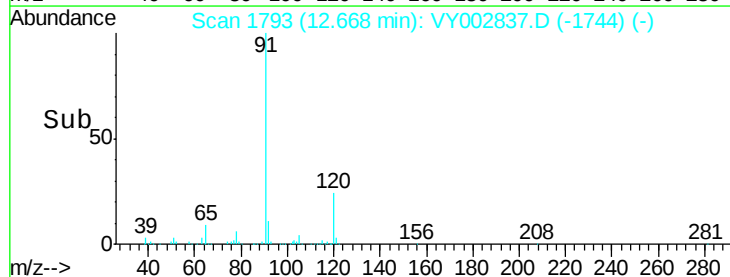
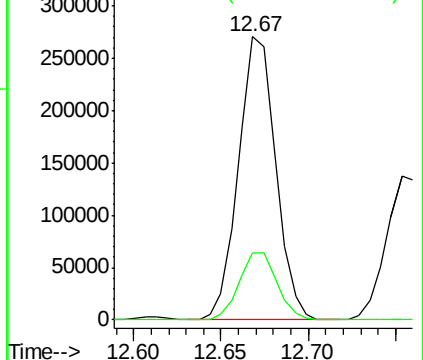
91 100

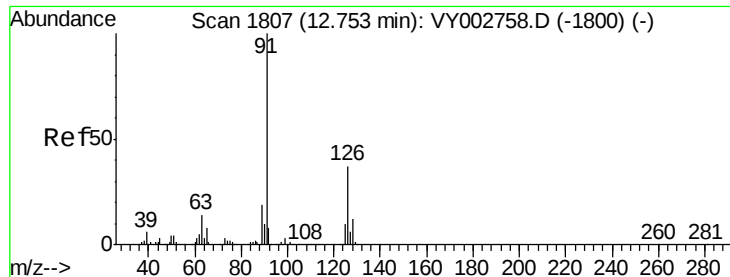
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

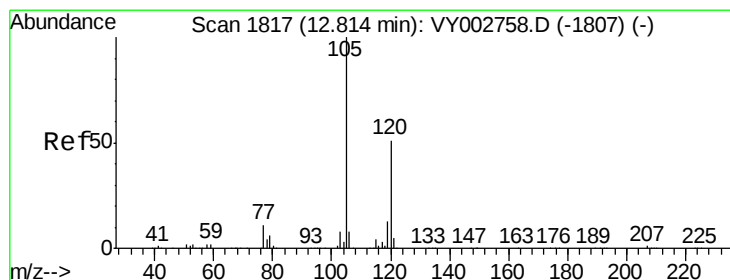
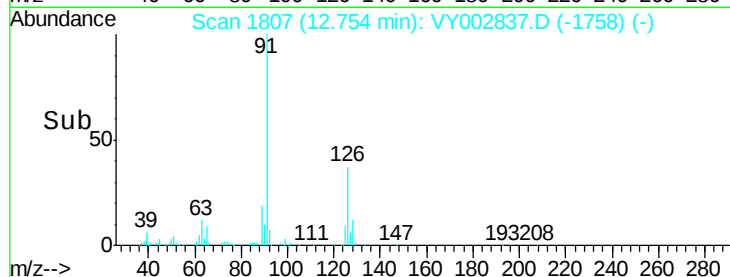
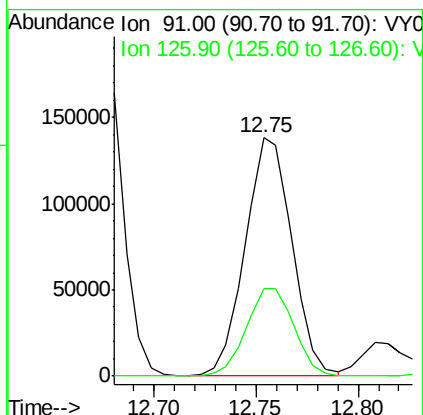
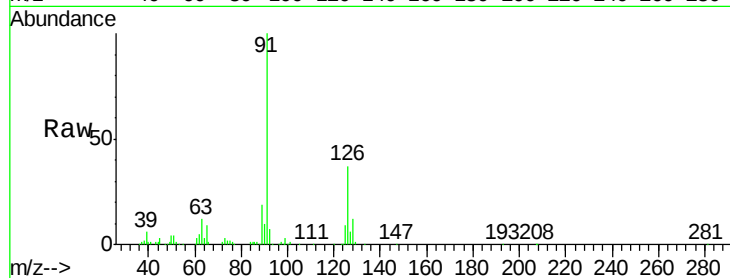




#79
 2-Chlorotoluene
 Concen: 21.384 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

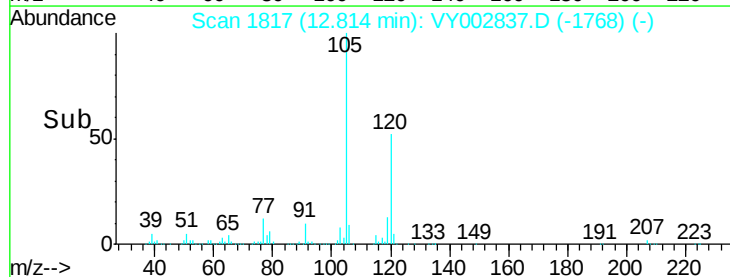
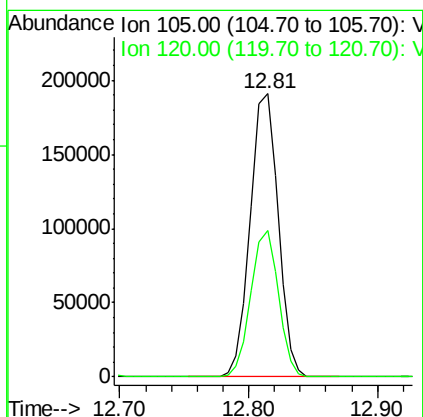
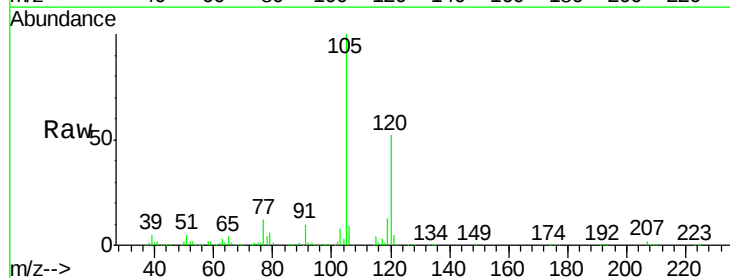
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

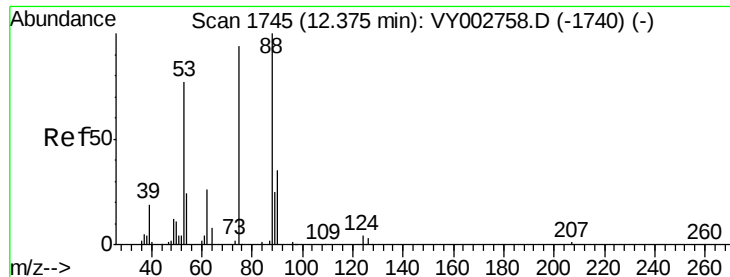
Tot Ion: 91 Resp: 220199
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.554 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion: 105 Resp: 286000
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.371 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

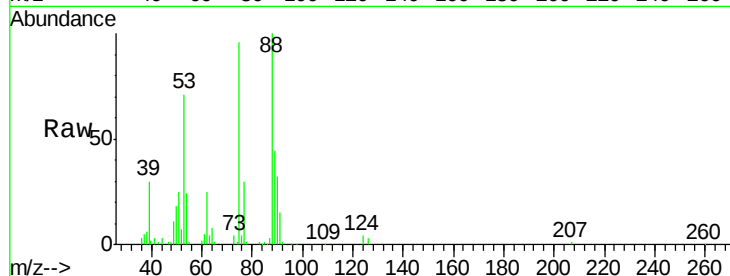
Tot Ion: 75 Resp: 26533

Ion Ratio Lower Upper

75 100

53 78.9 64.0 96.0

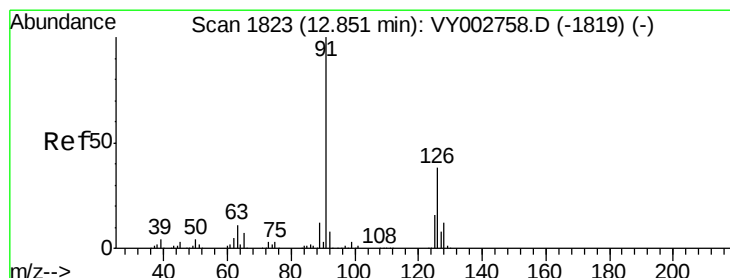
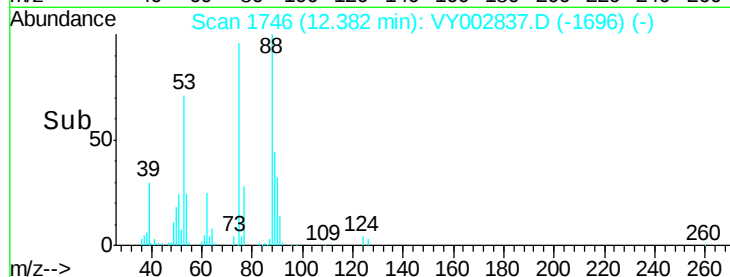
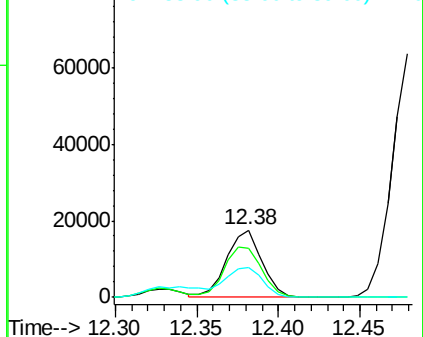
89 47.3 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.680 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002837.D

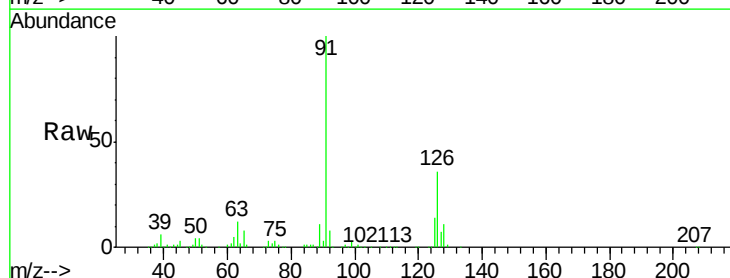
Acq: 04 Jun 2020 13:06

Tgt Ion: 91 Resp: 233903

Ion Ratio Lower Upper

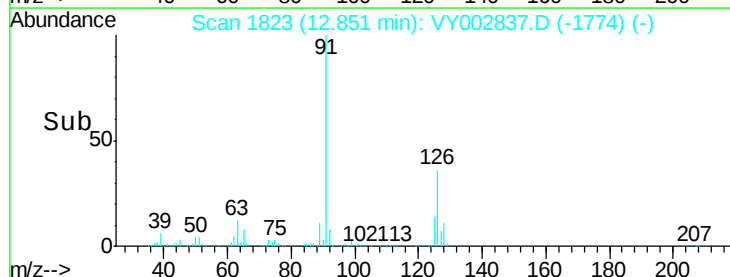
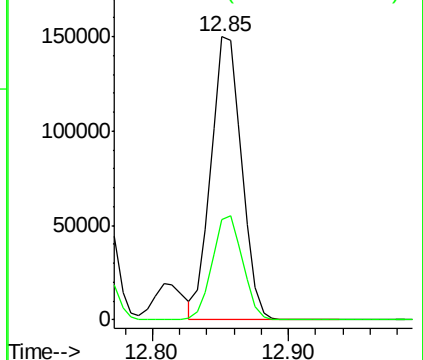
91 100

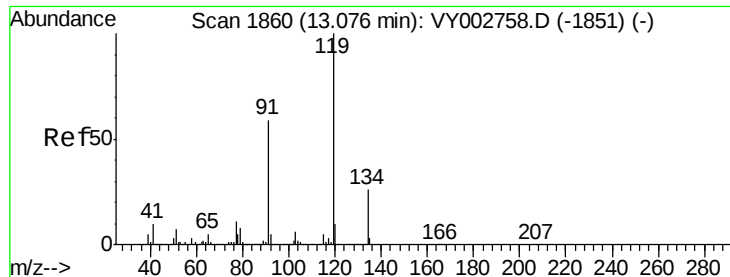
126 36.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.467 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

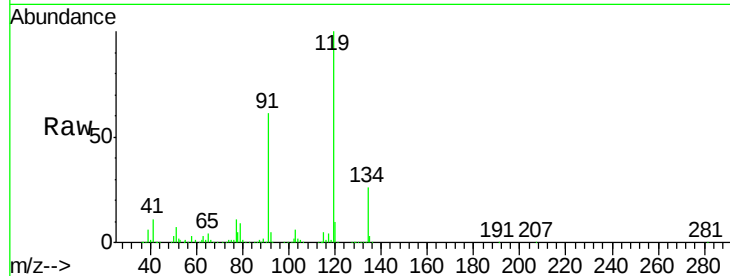
Tot Ion:119 Resp: 254092

Ion Ratio Lower Upper

119 100

91 59.7 29.8 89.4

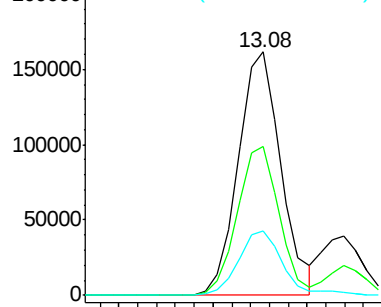
134 27.5 13.3 39.8



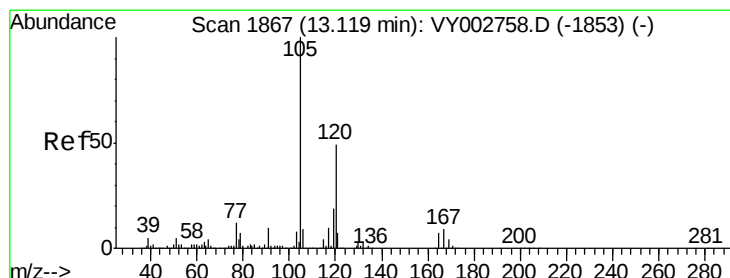
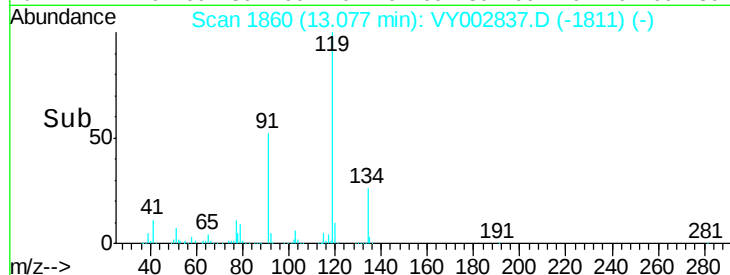
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 21.622 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002837.D

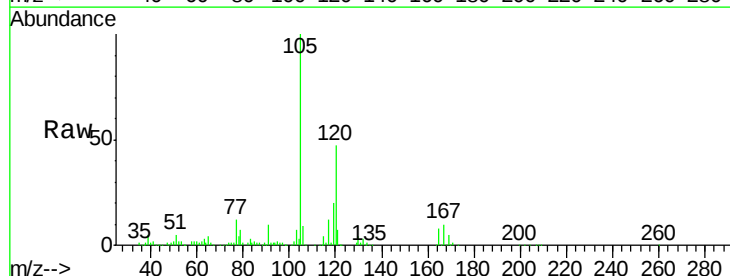
Acq: 04 Jun 2020 13:06

Tgt Ion:105 Resp: 288485

Ion Ratio Lower Upper

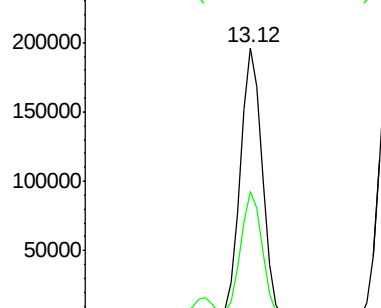
105 100

120 46.8 23.6 70.8

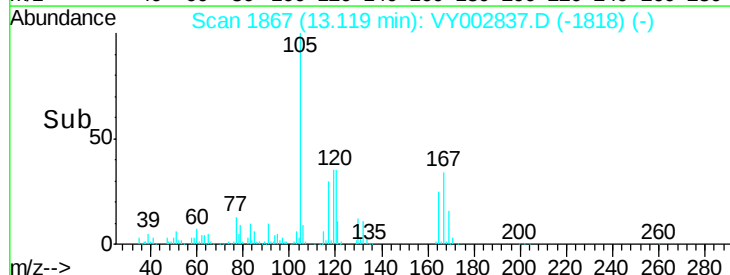


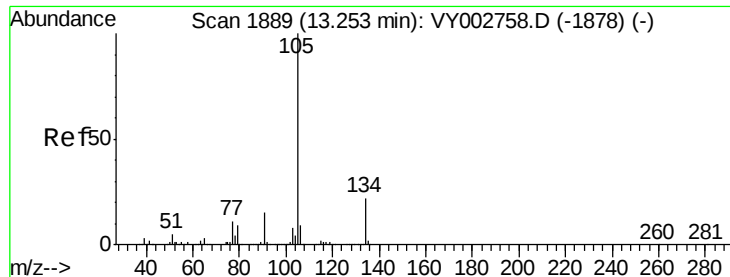
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 21.718 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

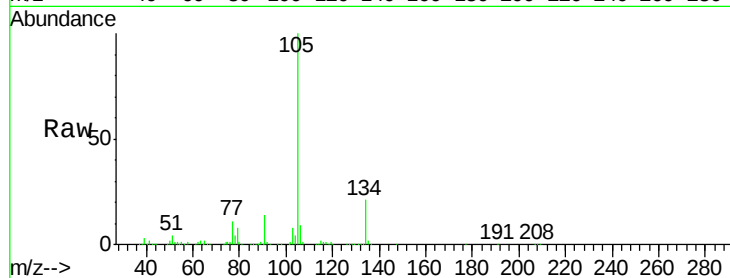
VY0604SBS01

Tot Ion:105 Resp: 351483

Ion Ratio Lower Upper

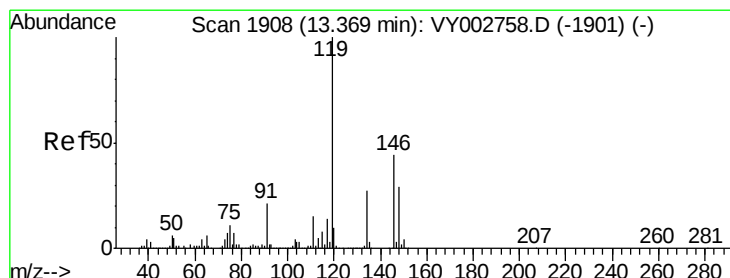
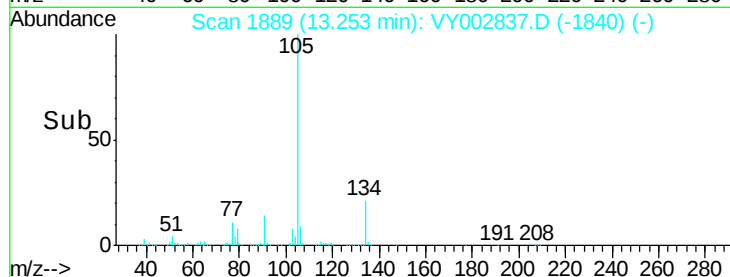
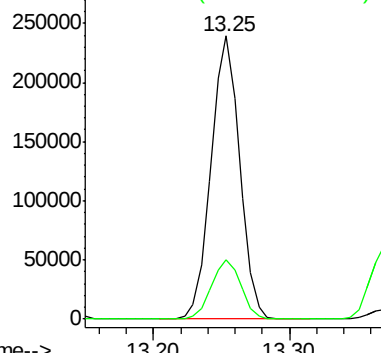
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.774 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

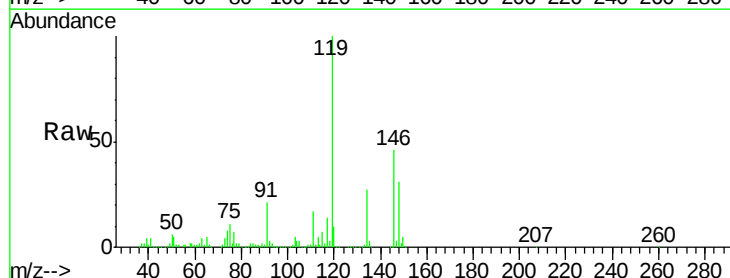
Tgt Ion:119 Resp: 327890

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

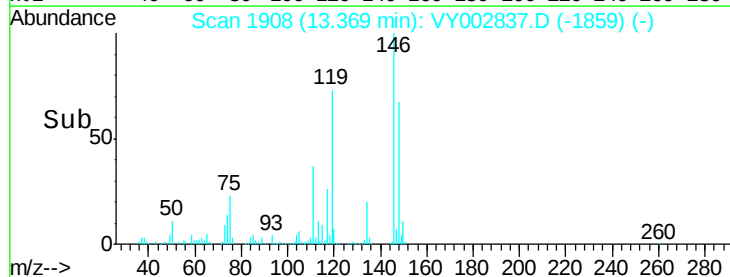
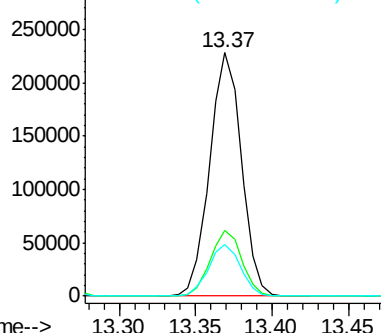
91 21.4 10.8 32.4

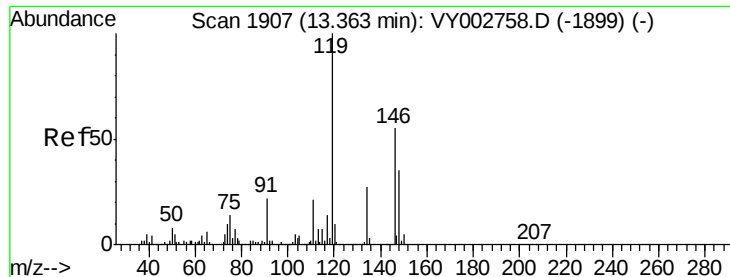


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.413 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

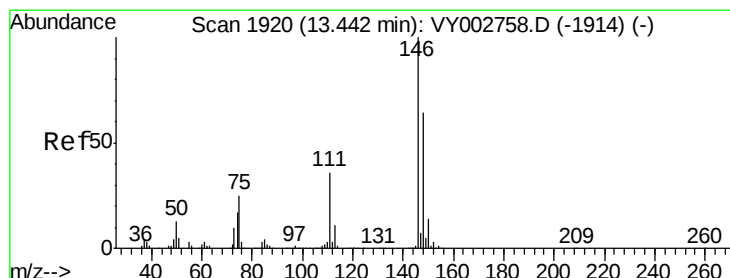
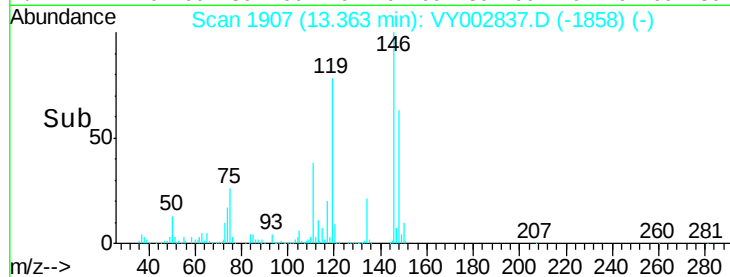
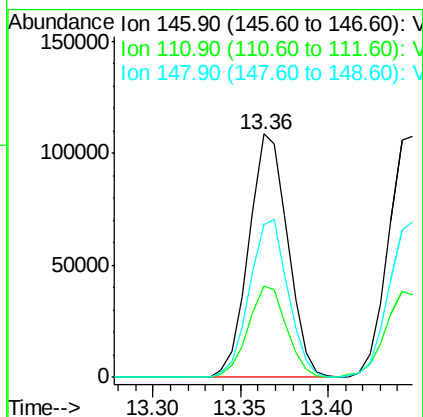
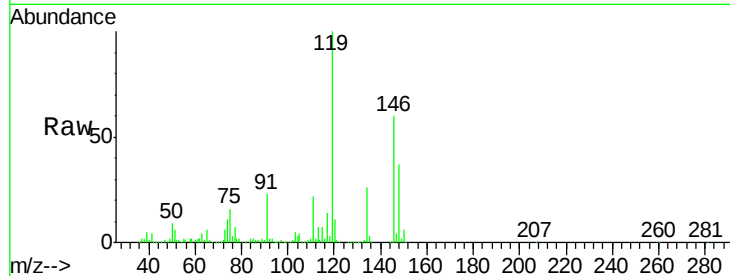
Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

Tot Ion:146 Resp: 167845

Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	64.3	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 21.548 ug/l

RT: 13.45 min Scan# 1921

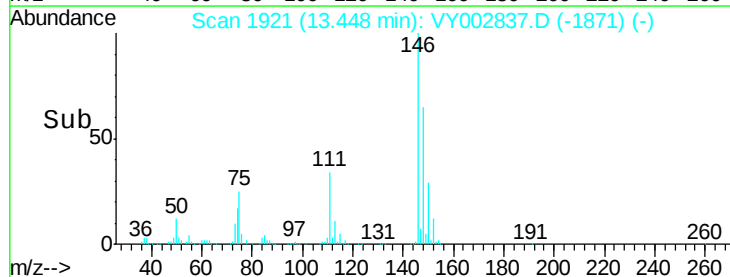
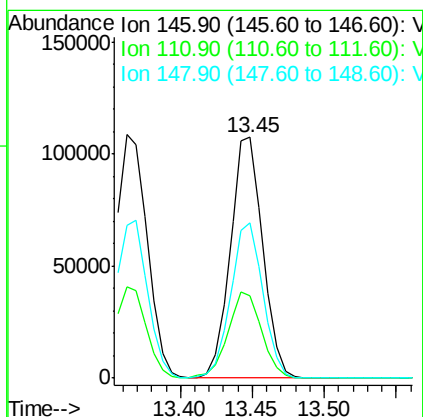
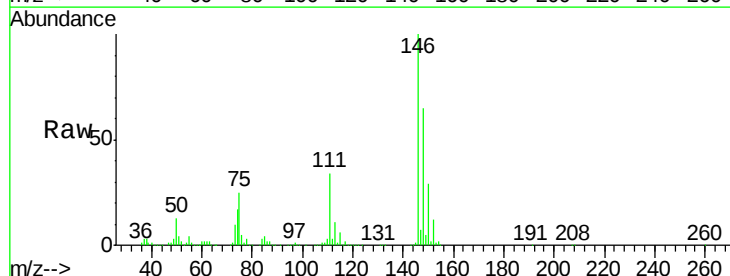
Delta R.T. 0.01 min

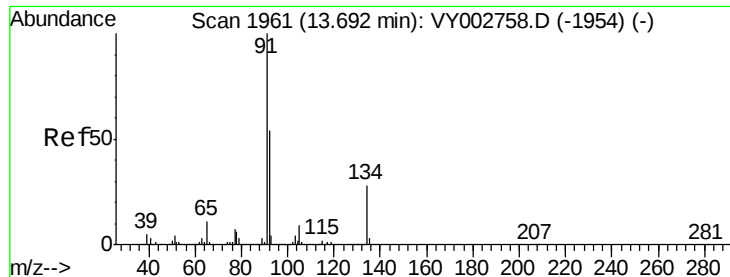
Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Tgt Ion:146 Resp: 168957

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.3
148	64.1	32.1	96.3

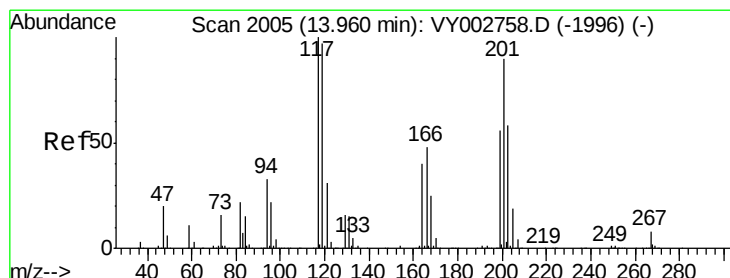
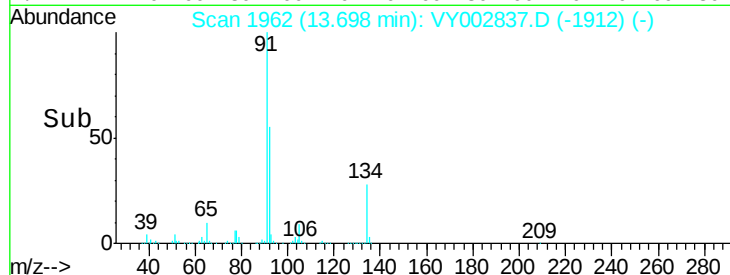
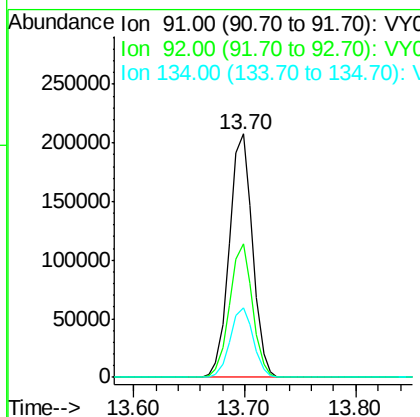
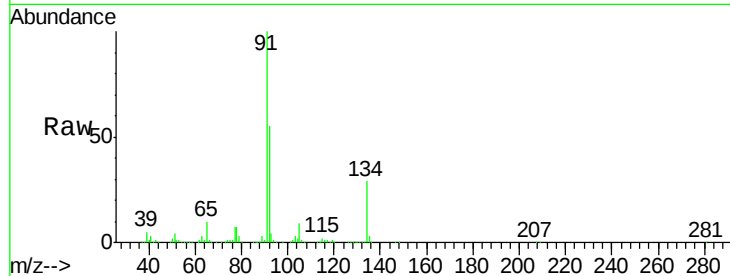




#89
n-Butylbenzene
Concen: 21.772 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

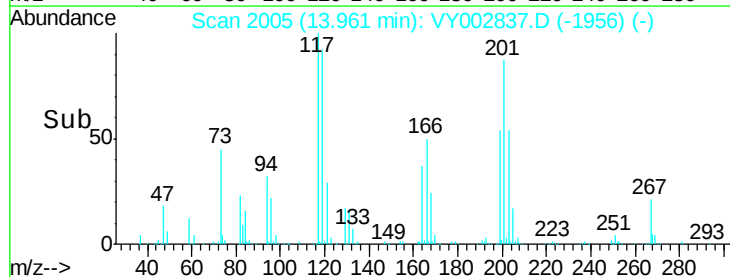
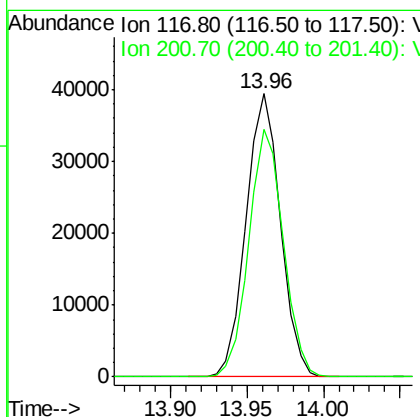
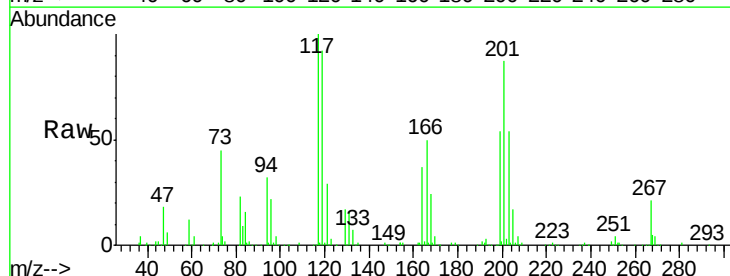
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

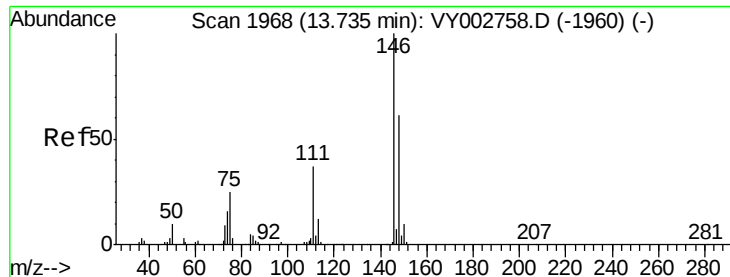
Tot Ion: 91 Resp: 297670
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 28.7 14.3 42.9



#90
Hexachloroethane
Concen: 21.876 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Tgt Ion: 117 Resp: 61671
Ion Ratio Lower Upper
117 100
201 87.6 43.9 131.6

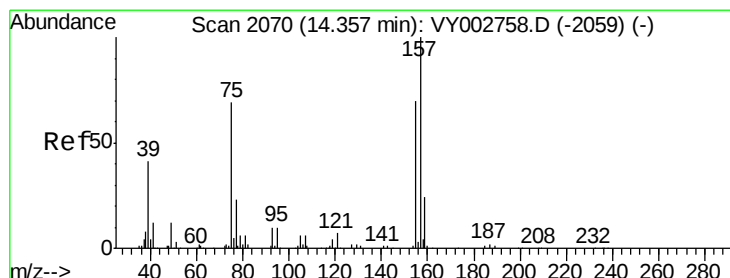
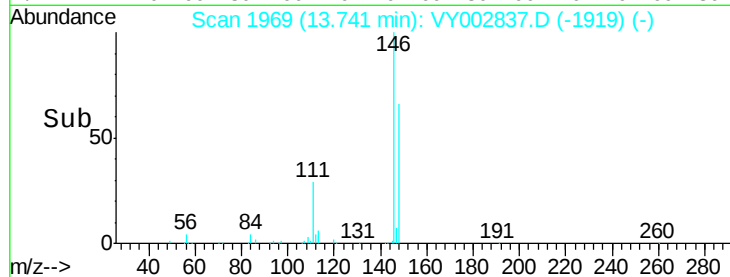
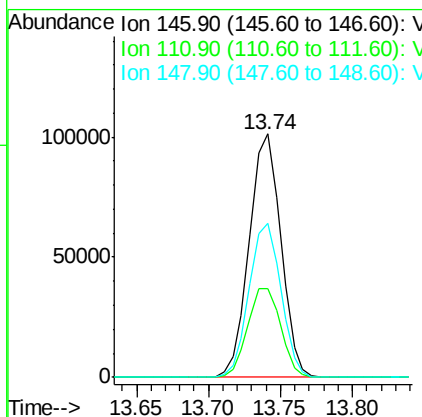
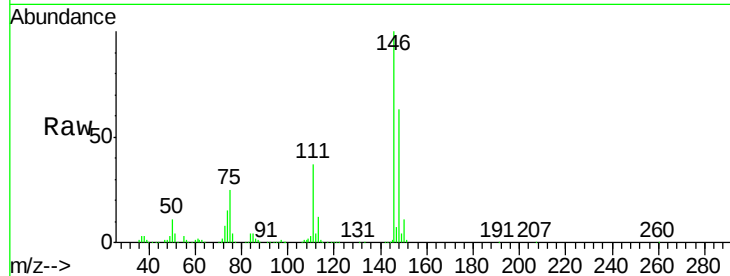




#91
 1,2-Dichlorobenzene
 Concen: 21.651 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

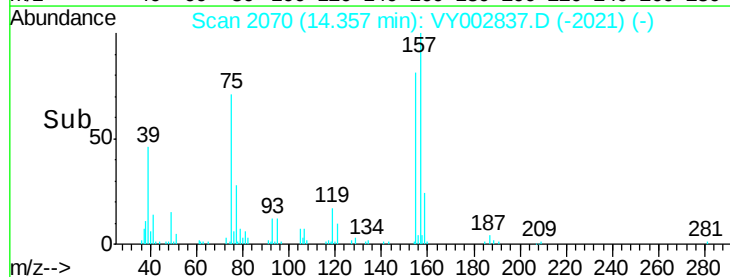
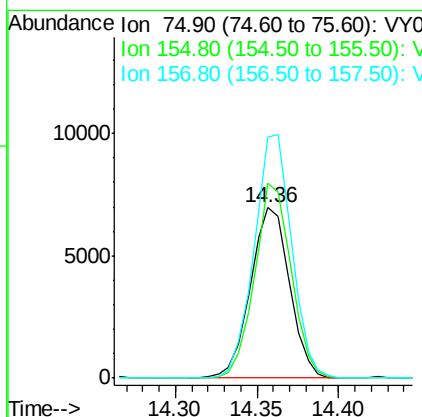
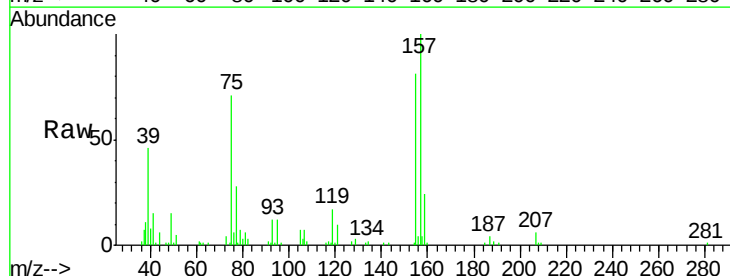
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

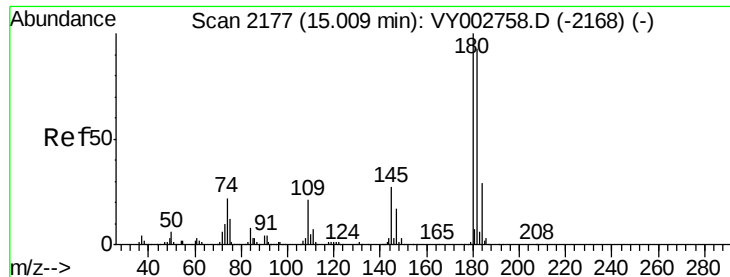
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.538 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.3	53.5	160.5
157	137.6	69.9	209.7

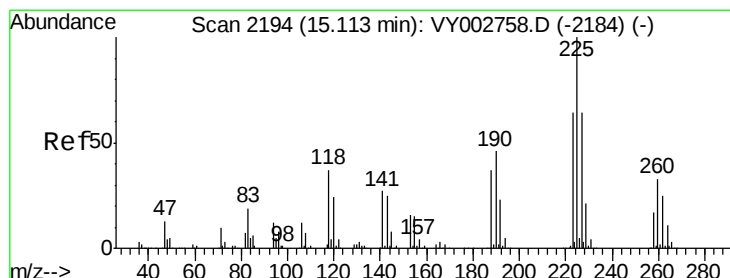
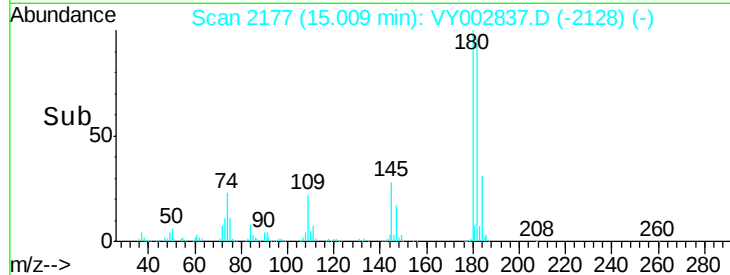
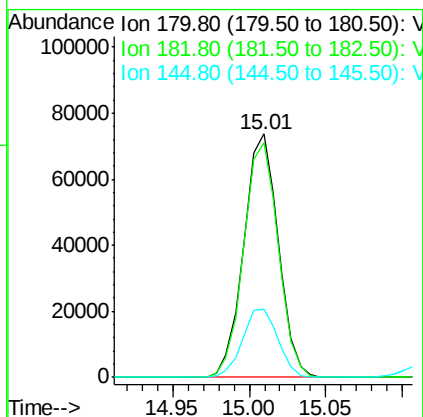
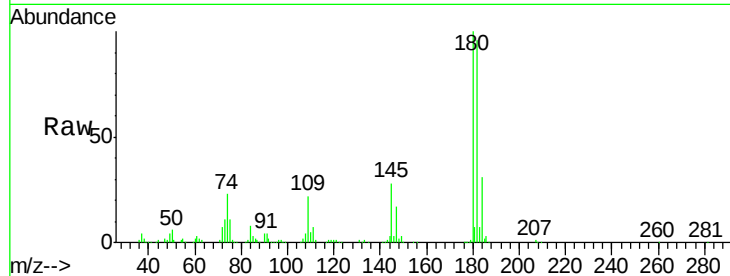




#93
 1,2,4-Trichlorobenzene
 Concen: 21.538 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

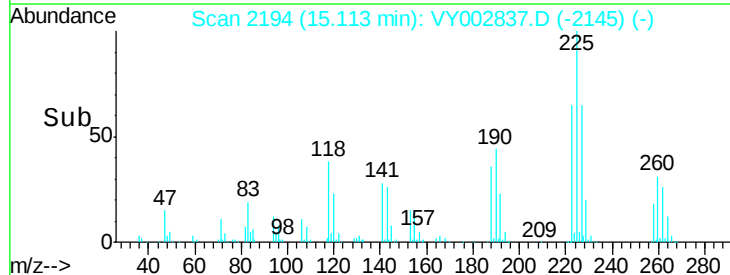
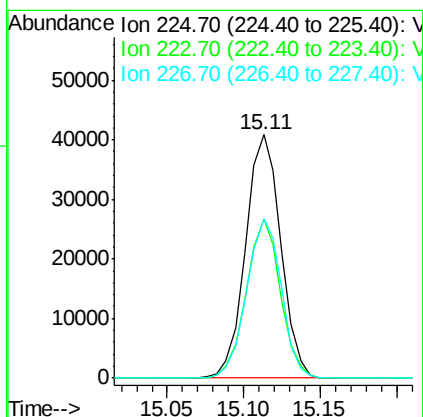
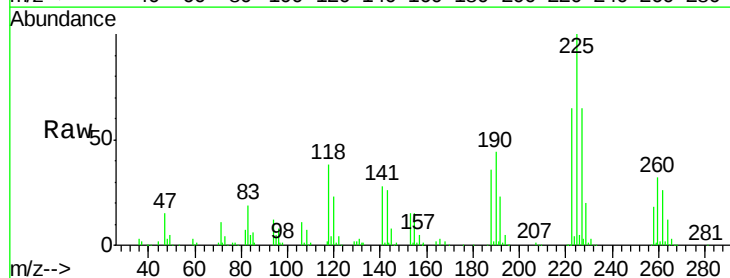
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

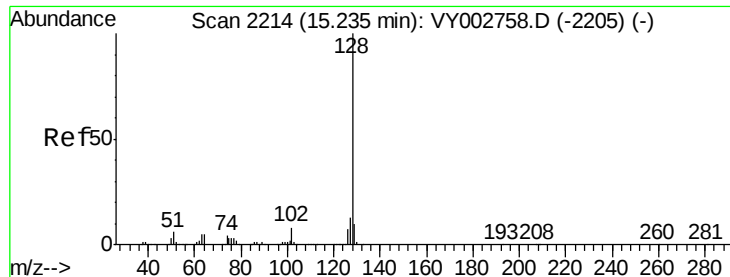
Tot Ion:180 Resp: 115402
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 141.9
 145 29.0 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.389 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Tgt Ion:225 Resp: 65001
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.6 95.0
 227 64.8 32.3 96.9





#95

Naphthalene

Concen: 21.367 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

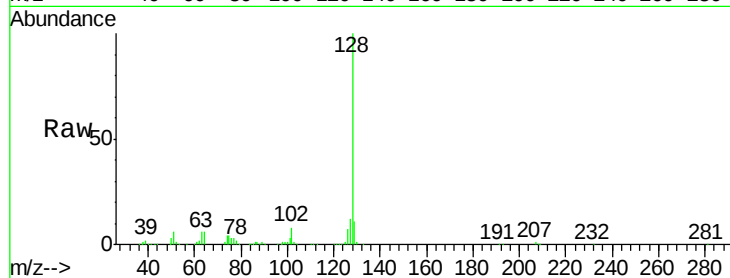
Tot Ion:128 Resp: 229542

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

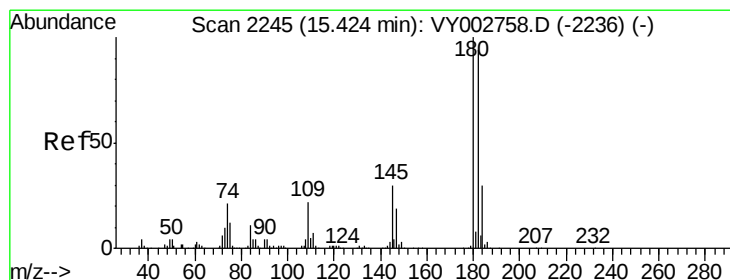
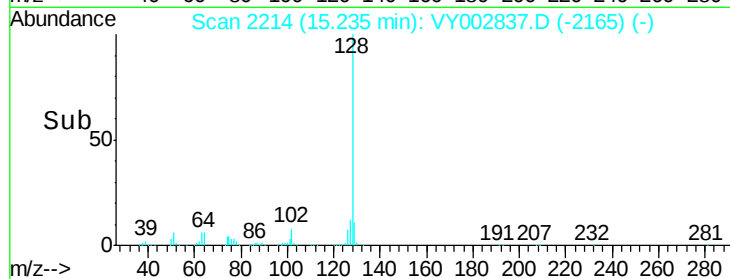
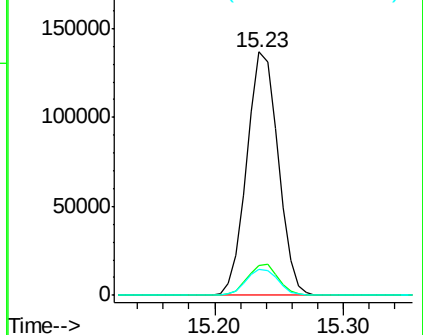
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.791 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

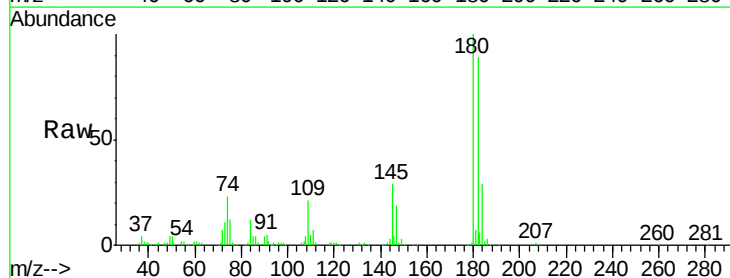
Tgt Ion:180 Resp: 104264

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.4

145 30.0 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

