

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 16:22:20 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	21.29	ug/l	98
3) Chloromethane	2.12	50	55830	21.57	ug/l	100
4) Vinyl Chloride	2.26	62	60793	22.22	ug/l	99
5) Bromomethane	2.65	94	43165	21.05	ug/l	95
6) Chloroethane	2.79	64	38192	21.53	ug/l	97
7) Trichlorofluoromethane	3.13	101	102863	21.23	ug/l	98
8) Diethyl Ether	3.54	74	38730	20.47	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	65125	22.63	ug/l	99
10) Methyl Iodide	4.10	142	83432	20.72	ug/l	99
11) Tert butyl alcohol	4.96	59	38484	114.30	ug/l	98
12) 1,1-Dichloroethene	3.88	96	63985	22.11	ug/l	94
13) Acrolein	3.74	56	31385	90.68	ug/l	100
14) Allyl chloride	4.49	41	94996	22.89	ug/l	97
15) Acrylonitrile	5.18	53	95511	111.88	ug/l	99
16) Acetone	3.96	43	73955	106.79	ug/l	99
17) Carbon Disulfide	4.19	76	185744	21.24	ug/l	100
18) Methyl Acetate	4.48	43	46239	26.15	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	173912	21.77	ug/l	98
20) Methylene Chloride	4.72	84	80703	23.85	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	70684	21.72	ug/l	99
22) Diisopropyl ether	6.12	45	197954	22.95	ug/l	94
23) Vinyl Acetate	6.07	43	641169	112.60	ug/l	98
24) 1,1-Dichloroethane	6.03	63	112042	22.21	ug/l	99
25) 2-Butanone	6.99	43	119840	111.07	ug/l	96
26) 2,2-Dichloropropane	6.99	77	103619	21.42	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	78838	21.64	ug/l	100
28) Bromochloromethane	7.34	49	46888	22.64	ug/l	96
29) Tetrahydrofuran	7.35	42	78615	112.01	ug/l	100
30) Chloroform	7.52	83	117289	21.91	ug/l	96
31) Cyclohexane	7.79	56	108228	21.61	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	105725	21.19	ug/l	99
36) 1,1-Dichloropropene	7.92	75	92226	21.68	ug/l	100
37) Ethyl Acetate	7.08	43	53113	22.95	ug/l	99
38) Carbon Tetrachloride	7.90	117	98890	20.93	ug/l	98

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 16:22:20 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)
39) Methylcyclohexane	9.18	83	119705	21.35	ug/l	99
40) Benzene	8.16	78	272741	21.70	ug/l	100
41) Methacrylonitrile	7.35	41	71430	57.45	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	74432	21.13	ug/l	100
43) Isopropyl Acetate	8.28	43	97743	22.28	ug/l	99
44) Trichloroethene	8.94	130	83042	20.91	ug/l	97
45) 1,2-Dichloropropane	9.22	63	66293	21.99	ug/l	99
46) Dibromomethane	9.31	93	39156	21.87	ug/l	98
47) Bromodichloromethane	9.50	83	92704	21.97	ug/l	95
48) Methyl methacrylate	9.30	41	43805	22.12	ug/l	97
49) 1,4-Dioxane	9.31	88	11270	410.00	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	258380	111.25	ug/l	99
52) Toluene	10.24	92	175691	21.37	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	99343	21.55	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	112517	21.54	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	58828	21.46	ug/l	94
56) Ethyl methacrylate	10.51	69	78731	21.45	ug/l	99
57) 1,3-Dichloropropane	10.79	76	99201	22.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	189039	105.39	ug/l	100
59) 2-Hexanone	10.83	43	181300	110.02	ug/l	99
60) Dibromochloromethane	10.99	129	75104	21.61	ug/l	100
61) 1,2-Dibromoethane	11.09	107	58868	21.77	ug/l	99
64) Tetrachloroethene	10.72	164	86830	20.61	ug/l	98
65) Chlorobenzene	11.52	112	195006	21.28	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	73896	21.41	ug/l	97
67) Ethyl Benzene	11.59	91	340423	21.43	ug/l	98
68) m/p-Xylenes	11.70	106	264394	42.92	ug/l	99
69) o-Xylene	12.03	106	125505	21.58	ug/l	99
70) Styrene	12.05	104	217217	21.55	ug/l	100
71) Bromoform	12.21	173	49887	21.60	ug/l #	99
73) Isopropylbenzene	12.33	105	342440	21.55	ug/l	100
74) N-amyl acetate	12.14	43	90724	22.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	65502	23.49	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	91124	40.78	ug/l #	100
77) Bromobenzene	12.61	156	87457	21.13	ug/l	98
78) n-propylbenzene	12.67	91	400987	21.84	ug/l	99
79) 2-Chlorotoluene	12.75	91	220199	21.38	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	286000	21.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26533	22.37	ug/l	99
82) 4-Chlorotoluene	12.85	91	233903	21.68	ug/l	99
83) tert-Butylbenzene	13.08	119	254092	21.47	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	288485	21.62	ug/l	99
85) sec-Butylbenzene	13.25	105	351483	21.72	ug/l	100
86) p-Isopropyltoluene	13.37	119	327890	21.77	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	167845	21.41	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	168957	21.55	ug/l	99
89) n-Butylbenzene	13.70	91	297670	21.77	ug/l	100
90) Hexachloroethane	13.96	117	61671	21.88	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	153910	21.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11554	21.54	ug/l	99

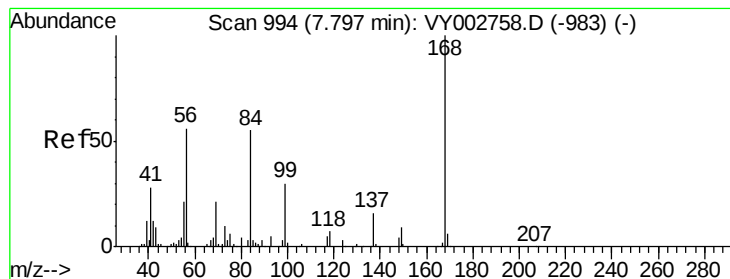
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY060420\
Data File : VY002837.D
Acq On : 04 Jun 2020 13:06
Operator : SY/MD
Sample : VY0604SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

Quant Time: Jun 04 16:22:20 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.01	180	115402	21.54	ug/l	98
94) Hexachlorobutadiene	15.11	225	65001	21.39	ug/l	100
95) Naphthalene	15.23	128	229542	21.37	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	104264	21.79	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

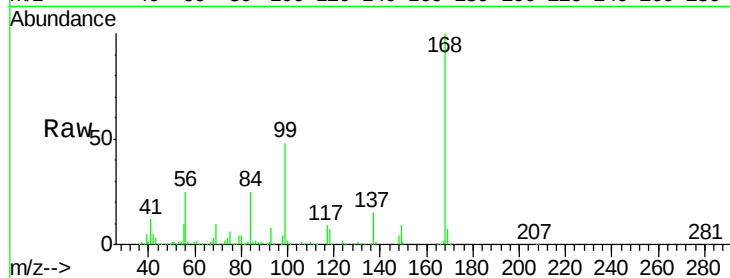
VY0604SBS01

Tgt 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

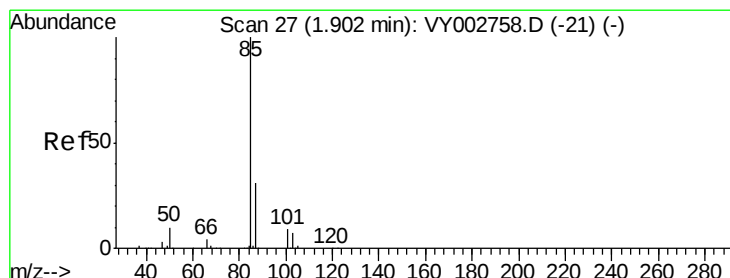
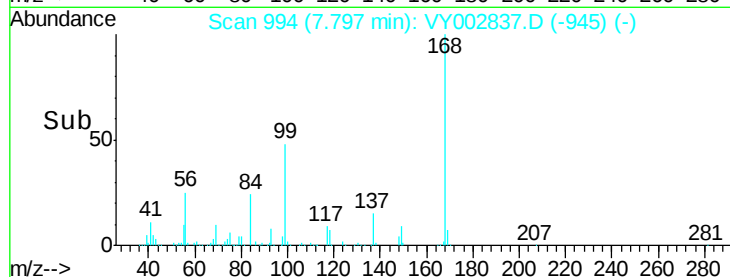
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.29 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002837.D

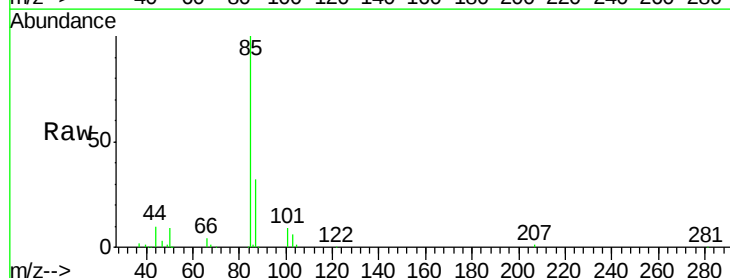
Acq: 04 Jun 2020 13:06

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

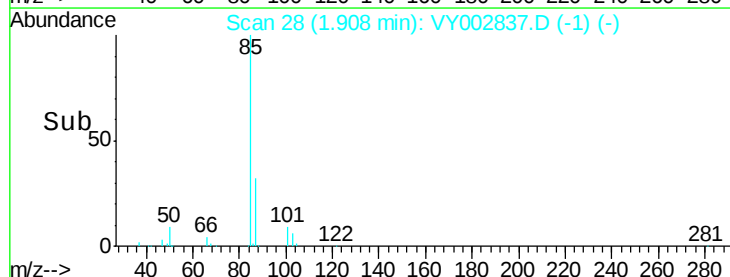
20000

10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.57 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 :

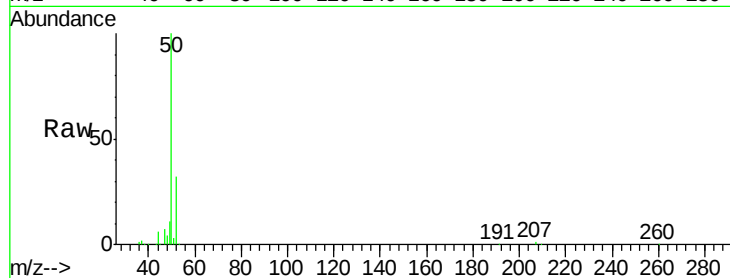
VY0604SBS01

Tgt Ion: 50 Resp: 55830

Ion Ratio Lower Upper

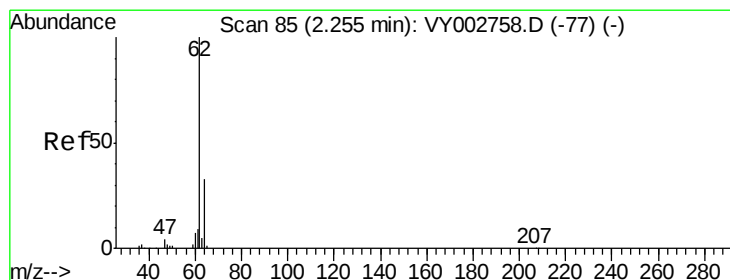
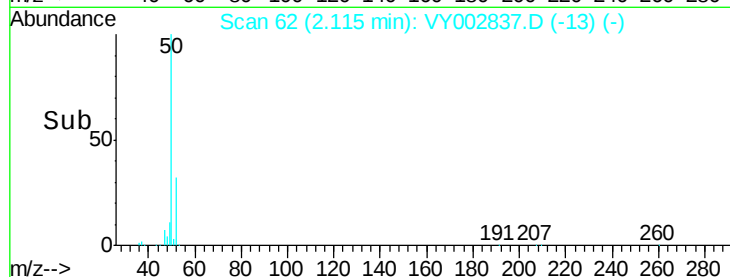
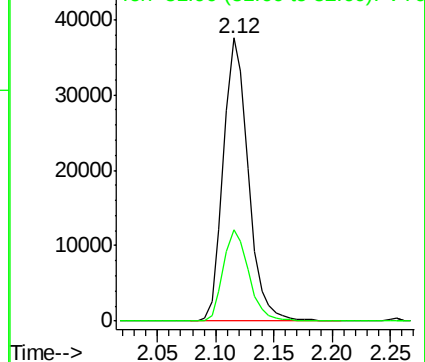
50 100

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: 22.22 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002837.D

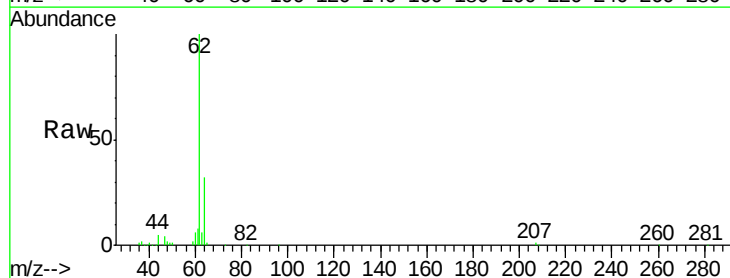
Acq: 04 Jun 2020 13:06

Tgt Ion: 62 Resp: 60793

Ion Ratio Lower Upper

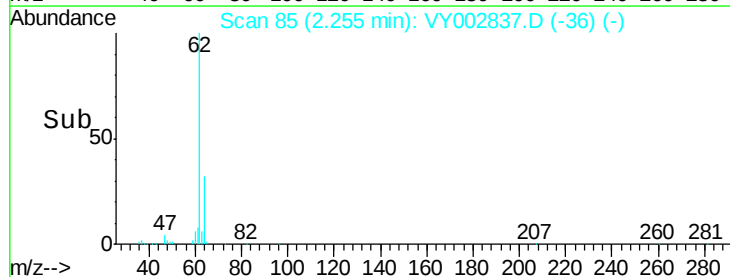
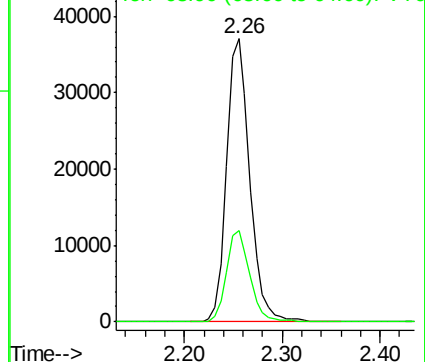
62 100

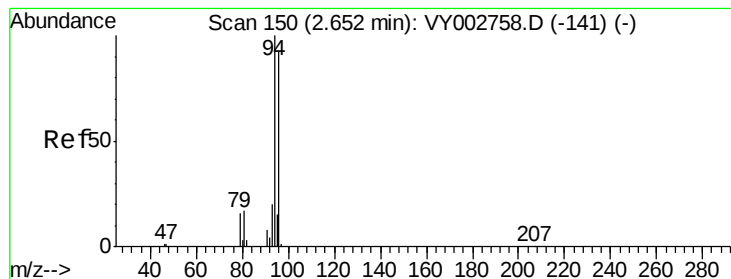
64 32.3 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.05 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 :

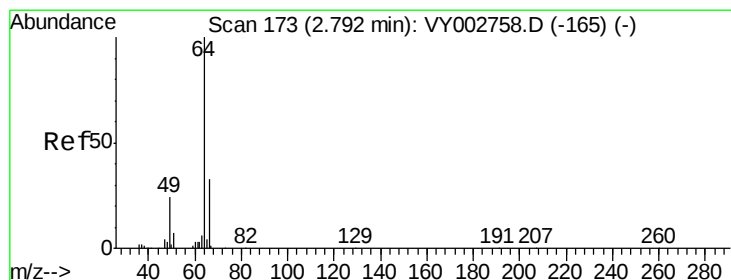
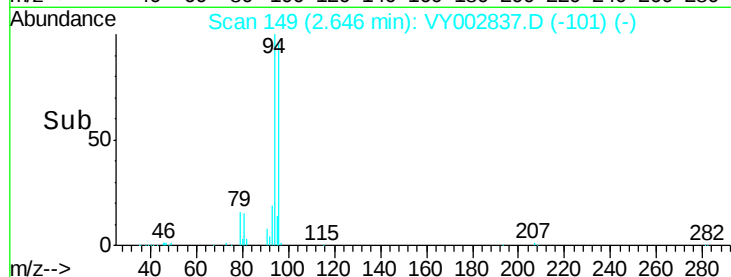
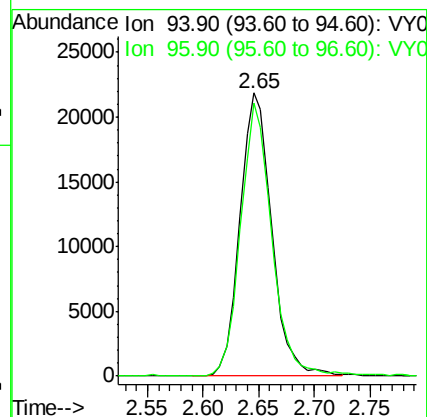
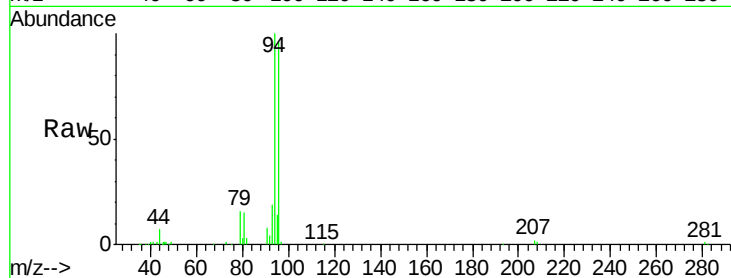
VY0604SBS01

Tgt Ion: 94 Resp: 43165

Ion Ratio Lower Upper

94 100

96 96.5 73.7 110.5



#6

Chloroethane

Concen: 21.53 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002837.D

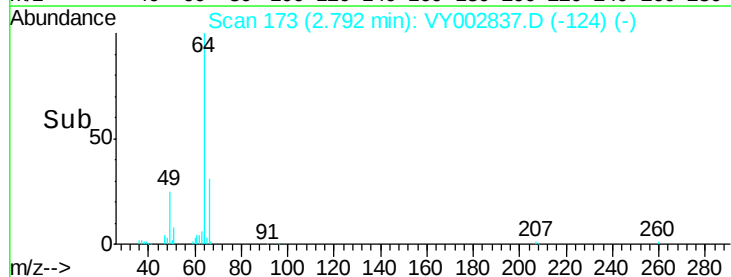
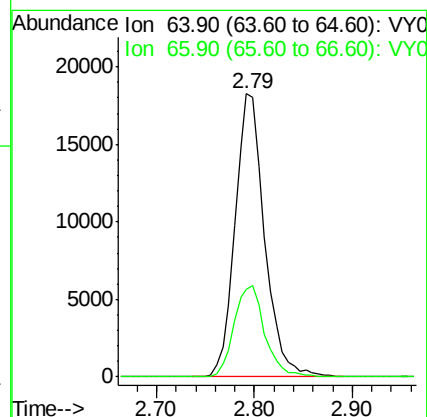
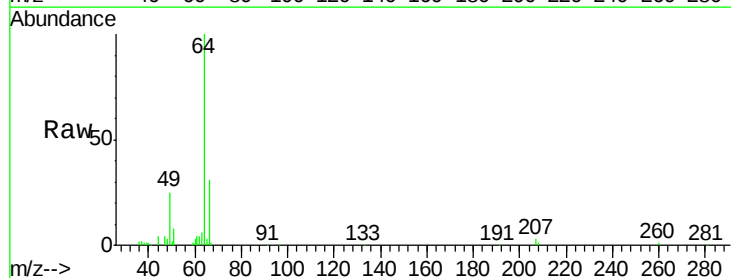
Acq: 04 Jun 2020 13:06

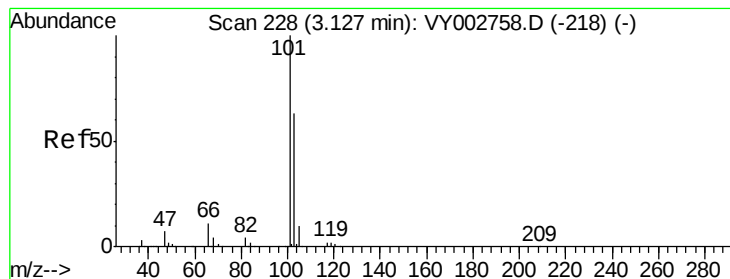
Tgt Ion: 64 Resp: 38192

Ion Ratio Lower Upper

64 100

66 31.1 26.4 39.6





#7

Trichlorofluoromethane

Concen: 21.23 ug/l

RT: 3.13 min Scan# 228

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

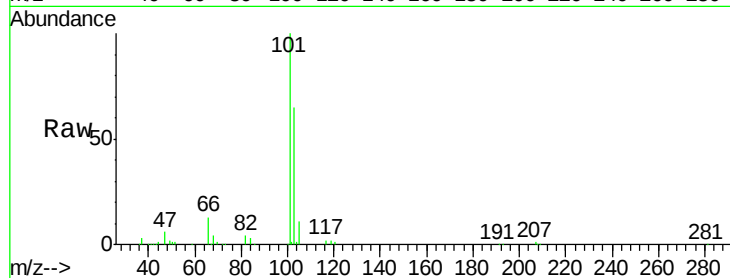
VY0604SBS01

Tgt Ion:101 Resp: 102863

Ion Ratio Lower Upper

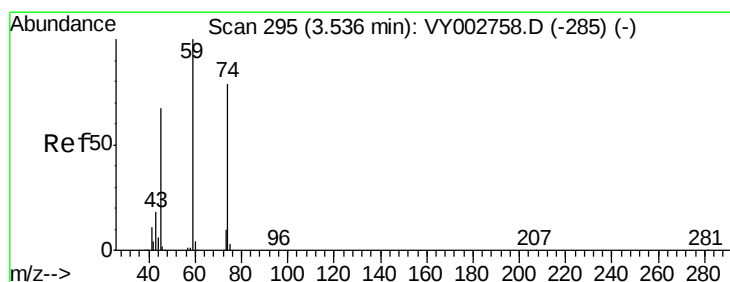
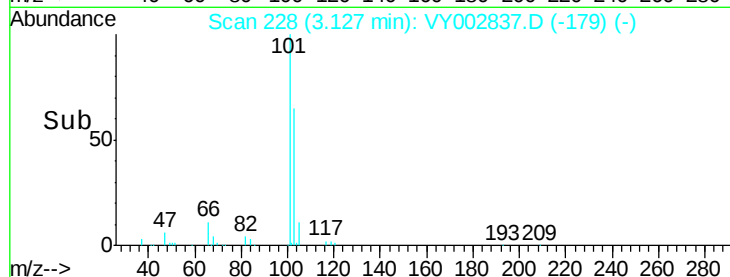
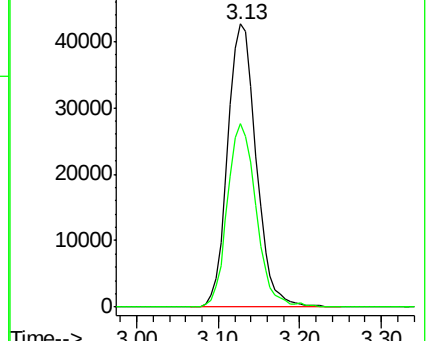
101 100

103 64.8 50.6 76.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.47 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY002837.D

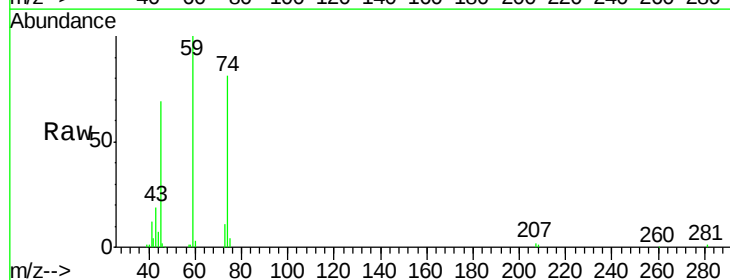
Acq: 04 Jun 2020 13:06

Tgt Ion: 74 Resp: 38730

Ion Ratio Lower Upper

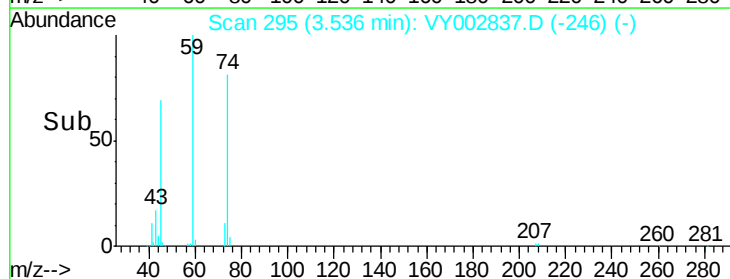
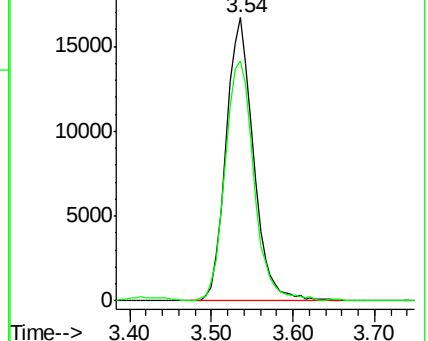
74 100

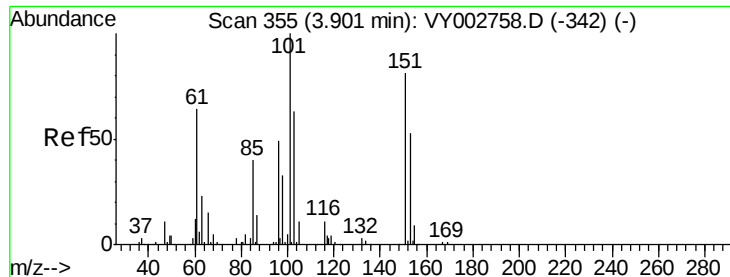
45 89.5 44.0 131.8



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.63 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

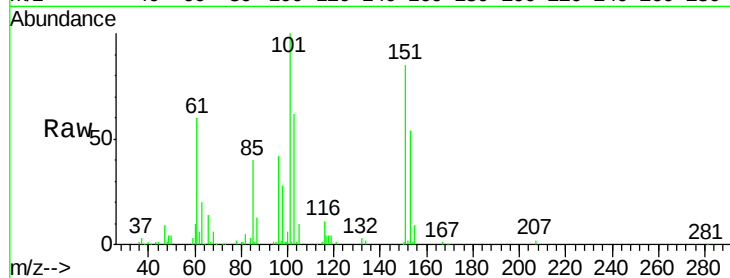
Tgt Ion:101 Resp: 65125

Ion Ratio Lower Upper

101 100

85 42.1 32.7 49.1

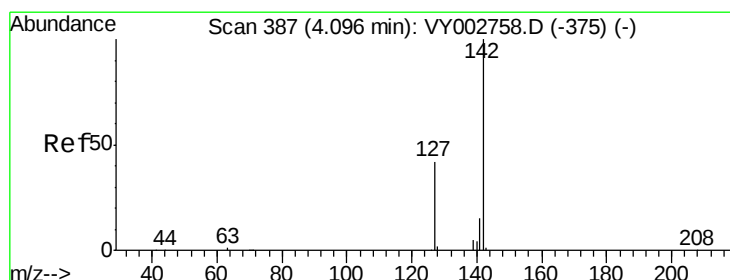
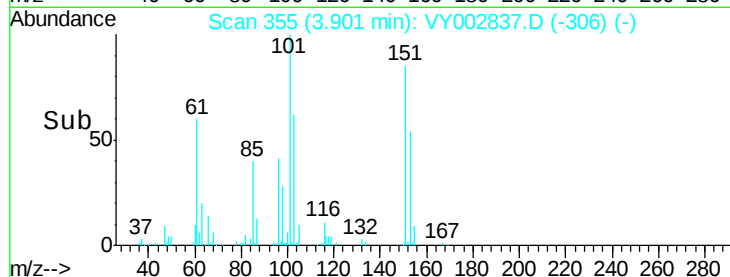
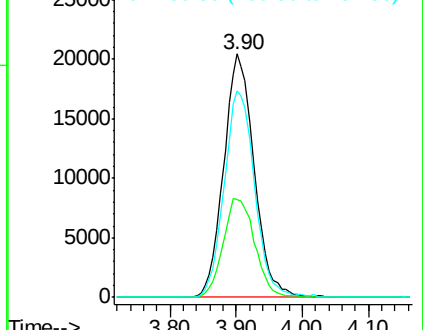
151 85.0 68.0 102.0



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: 20.72 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

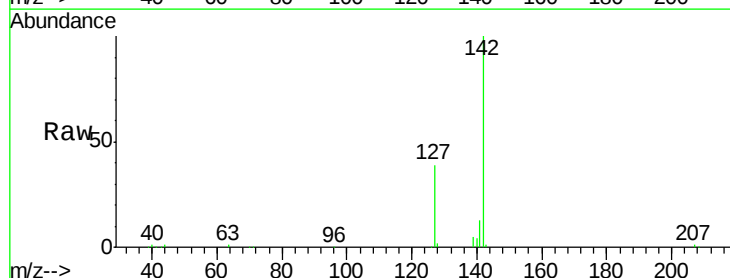
Tgt Ion:142 Resp: 83432

Ion Ratio Lower Upper

142 100

127 40.8 33.3 49.9

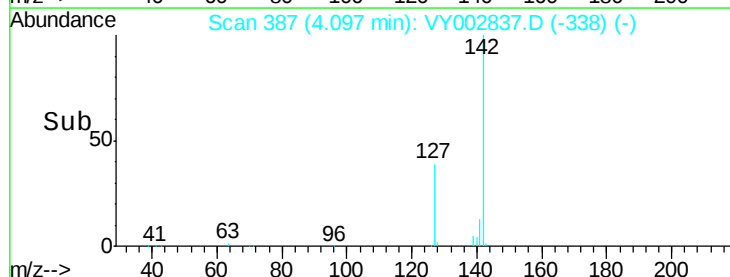
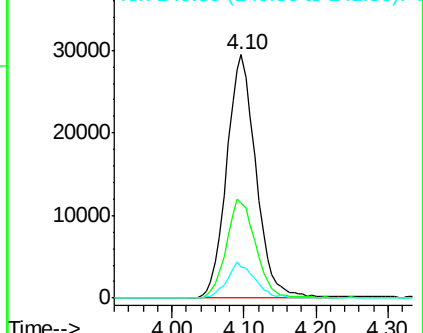
141 13.9 11.5 17.3

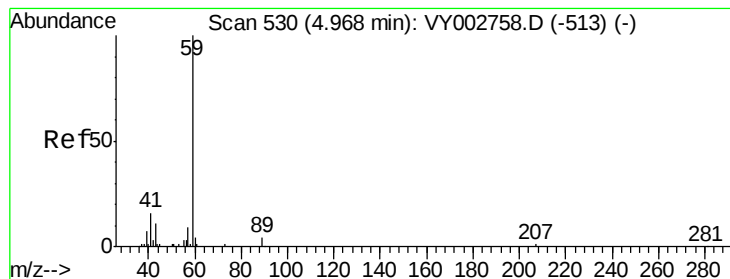


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 114.30 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 :

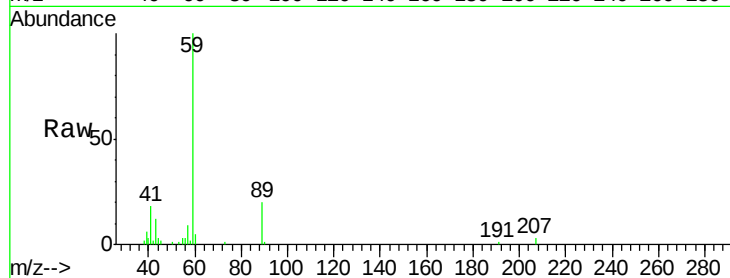
VY0604SBS01

Tgt Ion: 59 Resp: 38484

Ion Ratio Lower Upper

59 100

57 8.7 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

12000

10000

8000

6000

4000

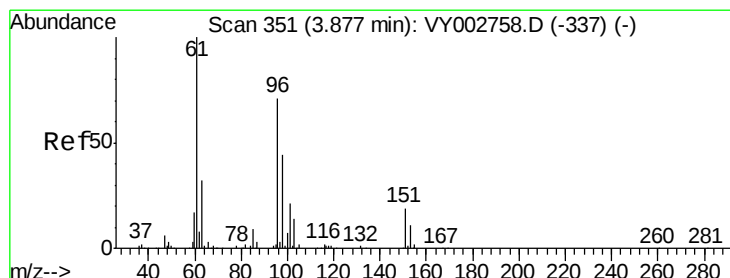
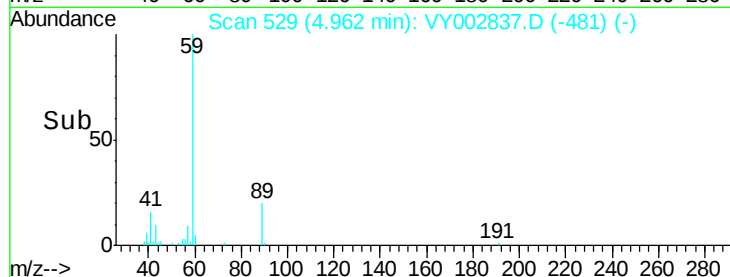
2000

0

Time-->

4.80 4.90 5.00 5.10

4.96



#12

1,1-Dichloroethene

Concen: 22.11 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

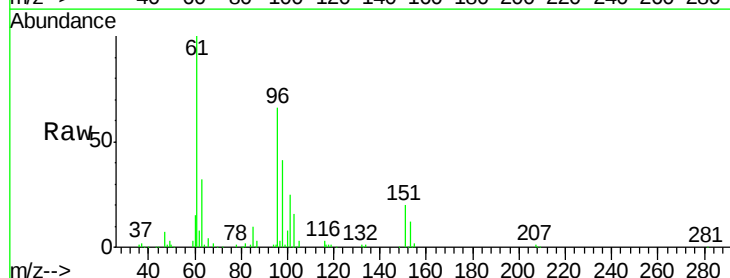
Tgt Ion: 96 Resp: 63985

Ion Ratio Lower Upper

96 100

61 150.8 112.6 168.8

98 61.4 50.0 75.0



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

40000

30000

20000

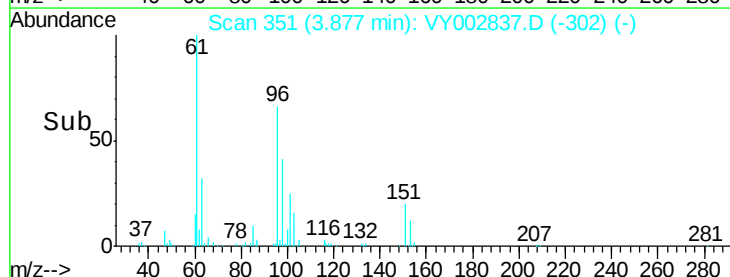
10000

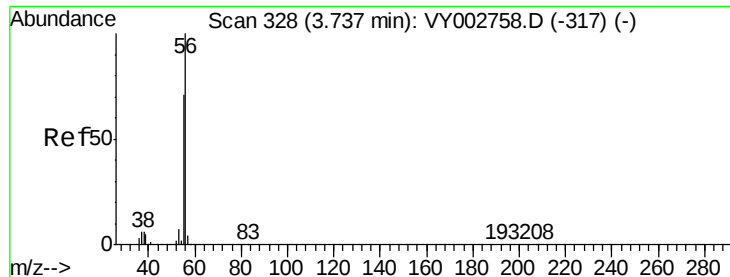
0

Time-->

3.80 3.90 4.00

3.88





#13

Acrolein

Concen: 90.68 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 :

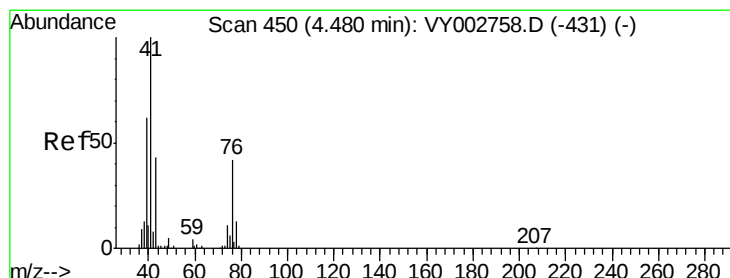
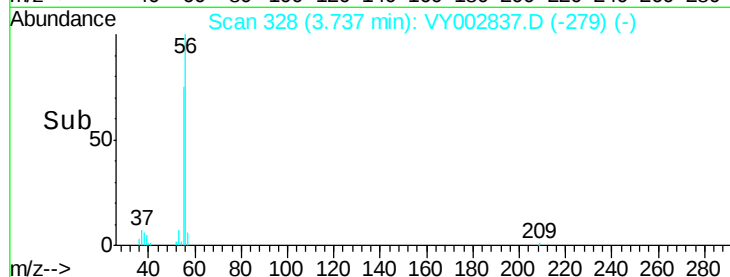
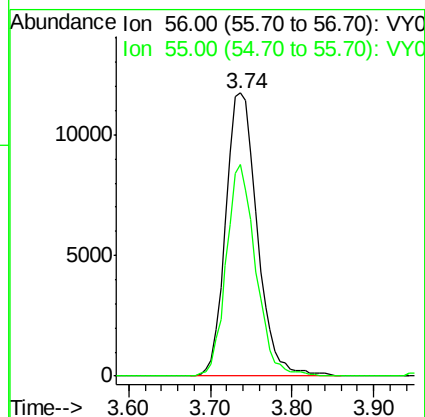
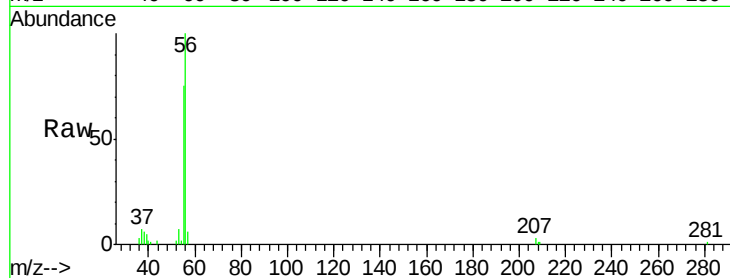
VY0604SBS01

Tgt Ion: 56 Resp: 31385

Ion Ratio Lower Upper

56 100

55 69.7 56.0 84.0



#14

Allyl chloride

Concen: 22.89 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

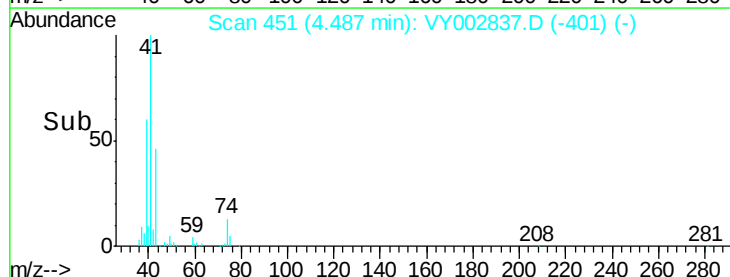
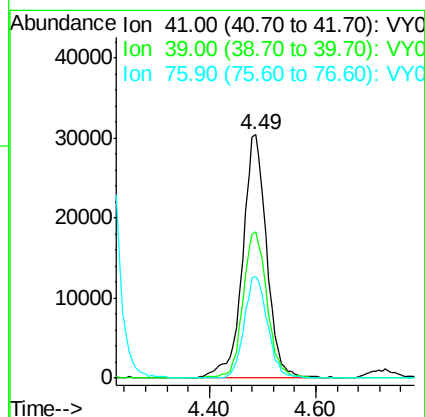
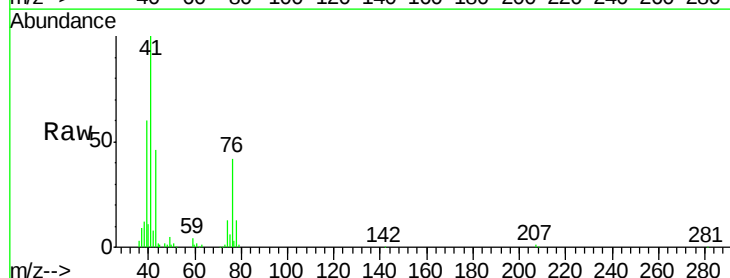
Tgt Ion: 41 Resp: 94996

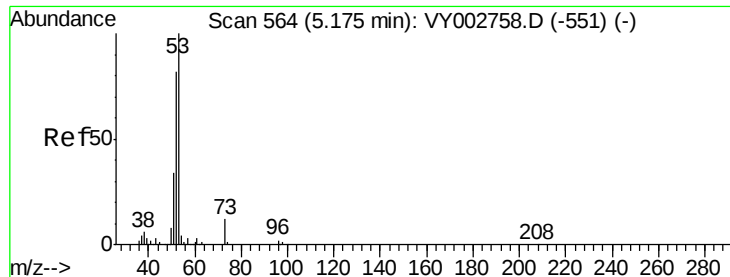
Ion Ratio Lower Upper

41 100

39 60.0 49.9 74.9

76 40.3 33.2 49.8





#15

Acrylonitrile

Concen: 111.88 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

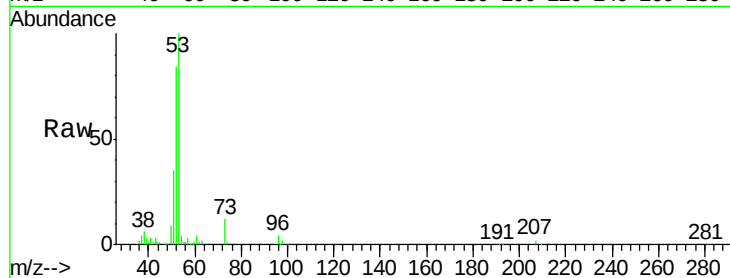
Tgt Ion: 53 Resp: 95511

Ion Ratio Lower Upper

53 100

52 81.0 65.3 97.9

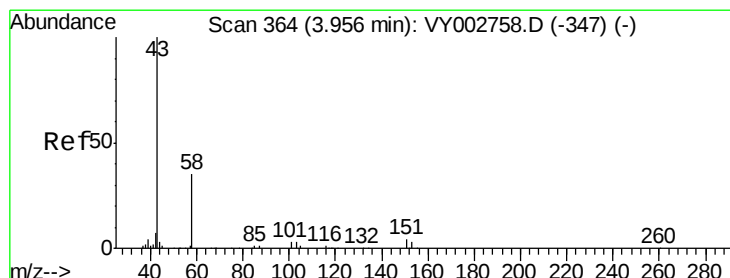
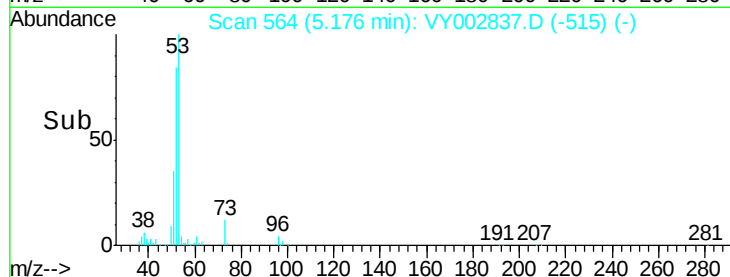
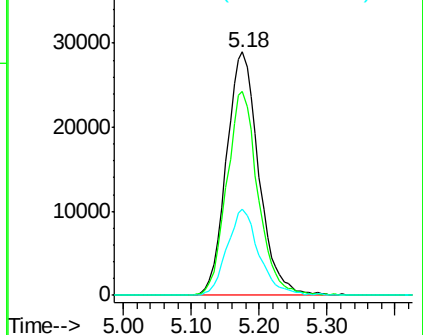
51 35.1 28.0 42.0



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: 106.79 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002837.D

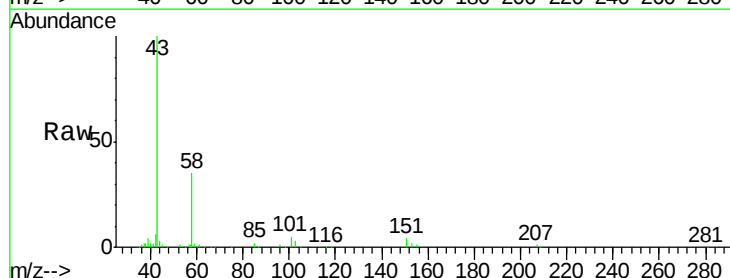
Acq: 04 Jun 2020 13:06

Tgt Ion: 43 Resp: 73955

Ion Ratio Lower Upper

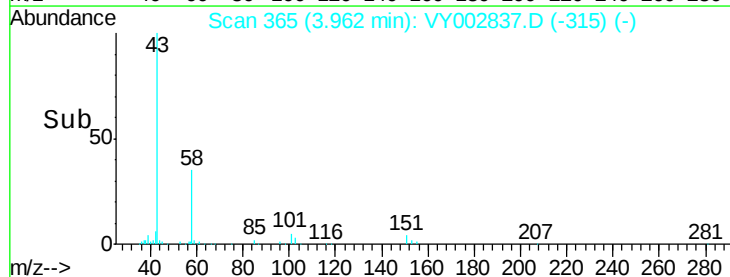
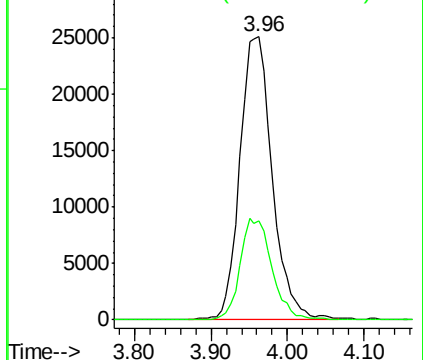
43 100

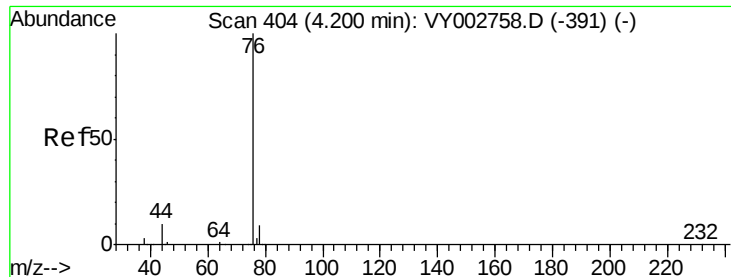
58 35.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.24 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 :

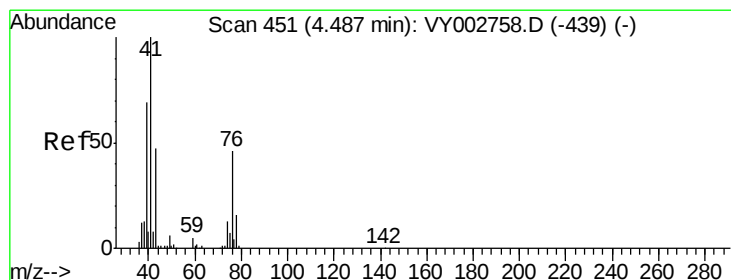
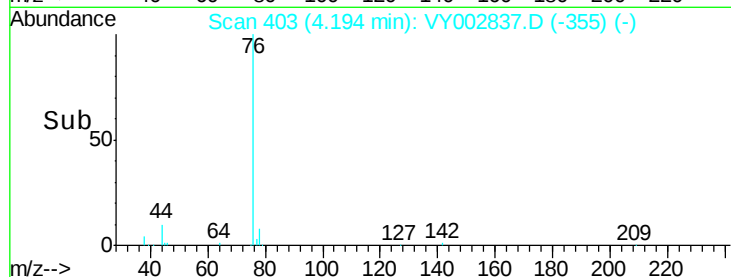
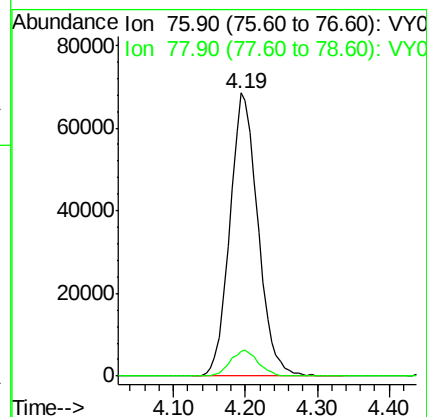
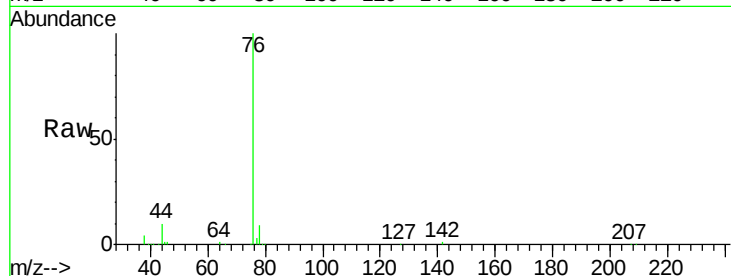
VY0604SBS01

Tgt Ion: 76 Resp: 185744

Ion Ratio Lower Upper

76 100

78 8.6 6.9 10.3



#18

Methyl Acetate

Concen: 26.15 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002837.D

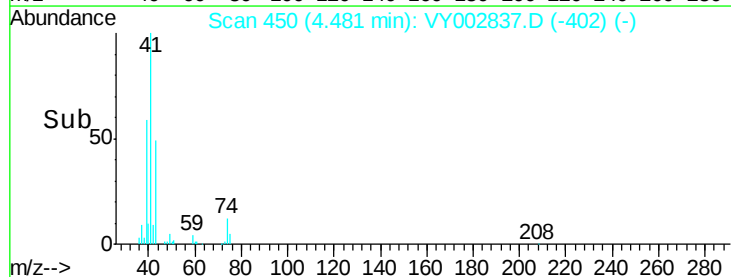
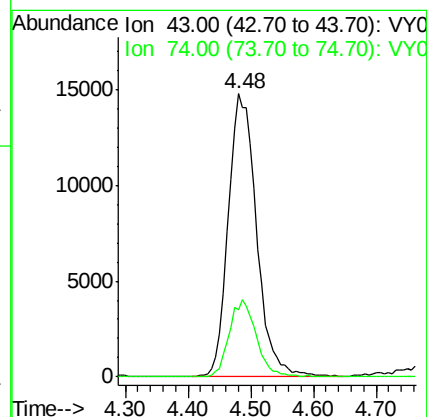
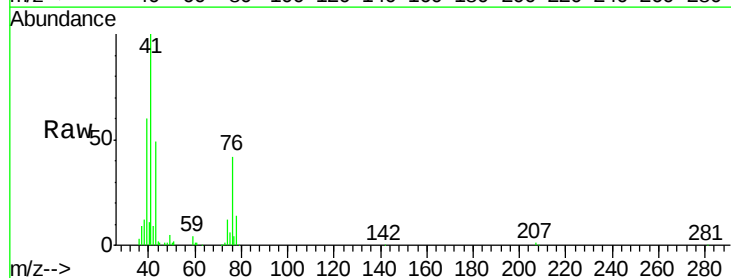
Acq: 04 Jun 2020 13:06

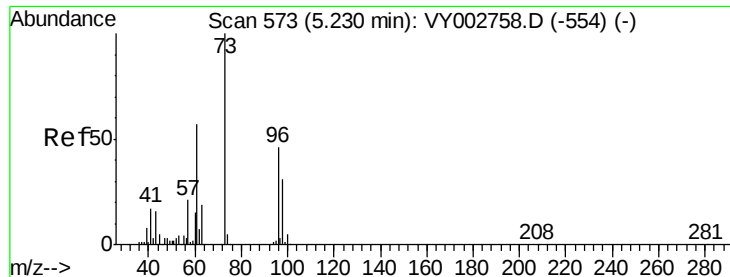
Tgt Ion: 43 Resp: 46239

Ion Ratio Lower Upper

43 100

74 25.8 21.4 32.0





#19

Methyl tert-butyl Ether

Concen: 21.77 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 :

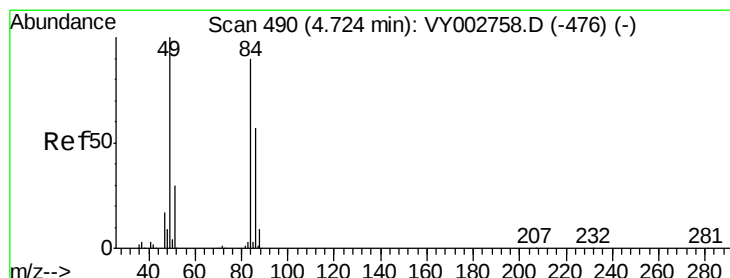
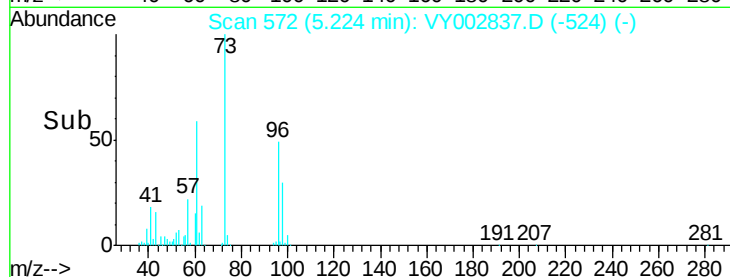
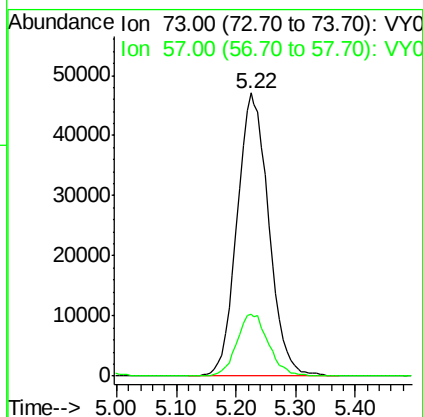
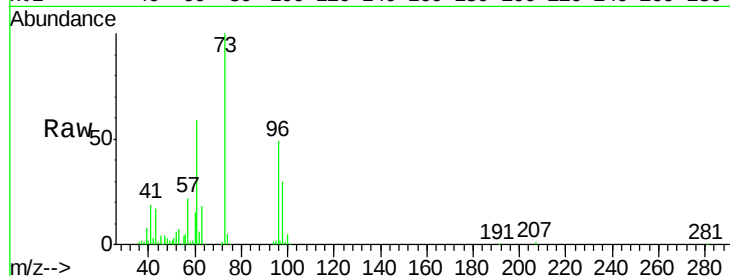
VY0604SBS01

Tgt Ion: 73 Resp: 173912

Ion Ratio Lower Upper

73 100

57 22.0 17.0 25.4



#20

Methylene Chloride

Concen: 23.85 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

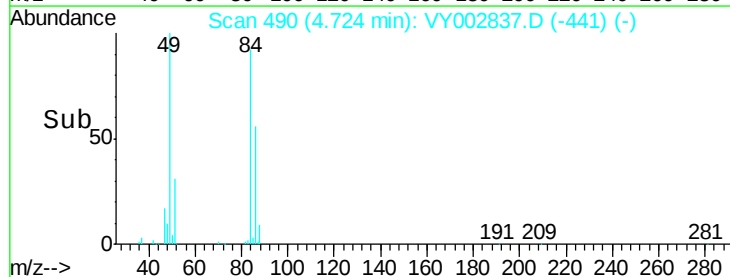
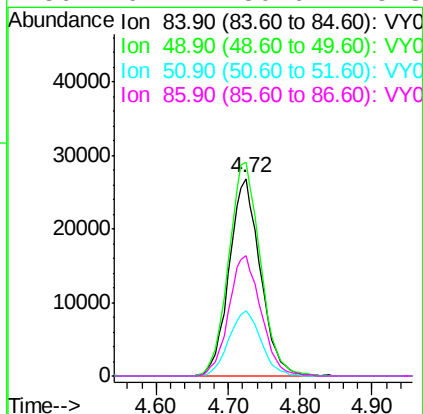
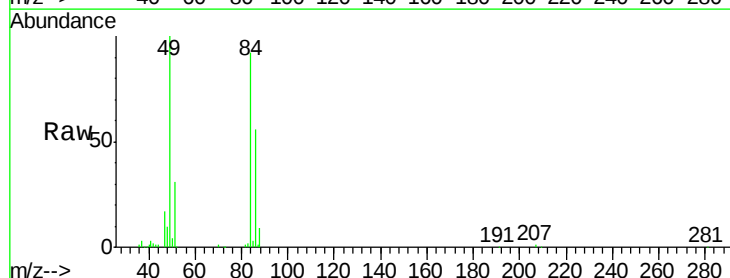
Ion Ratio Lower Upper

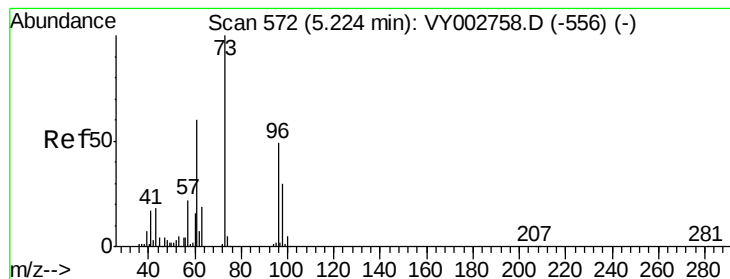
84 100

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: 21.72 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

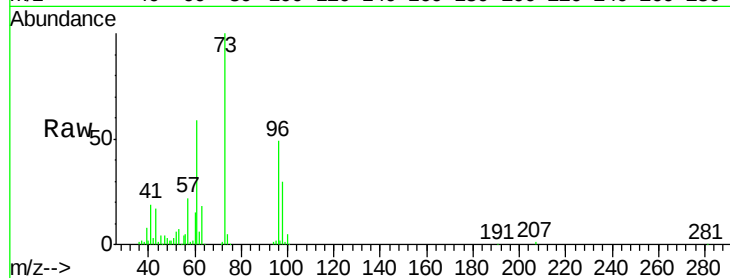
Tgt Ion: 96 Resp: 70684

Ion Ratio Lower Upper

96 100

61 120.0 96.8 145.2

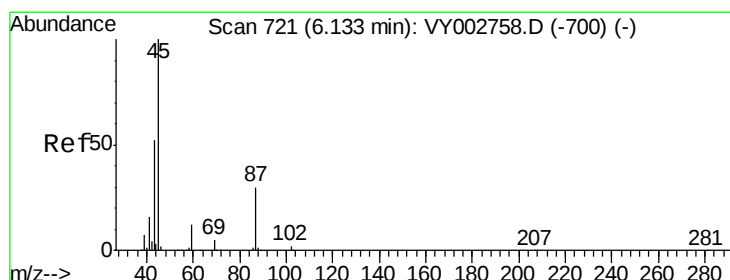
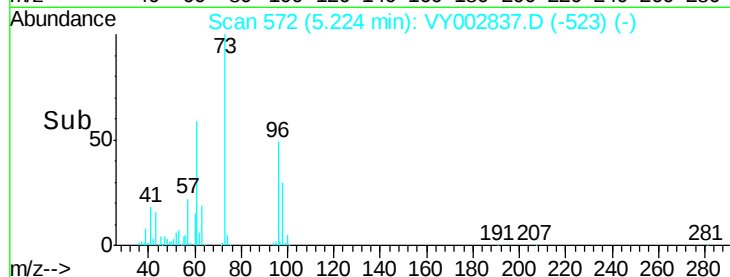
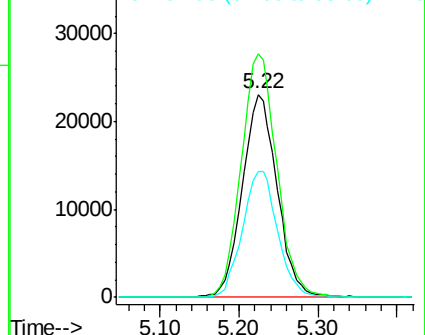
98 61.9 49.4 74.0



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: 22.95 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

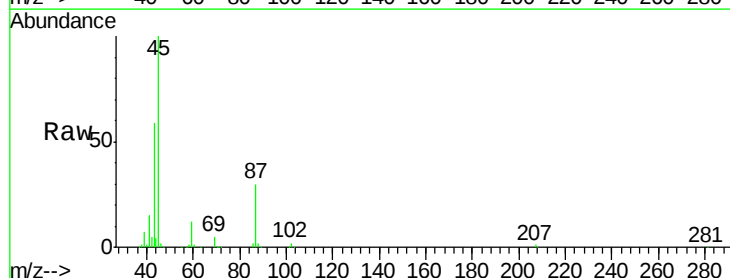
Ion Ratio Lower Upper

45 100

43 58.7 41.7 62.5

87 29.8 24.2 36.2

59 11.5 9.8 14.8

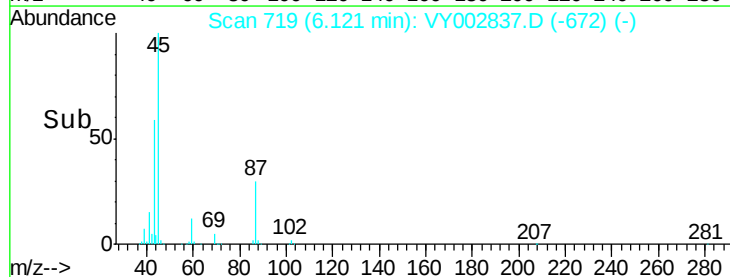
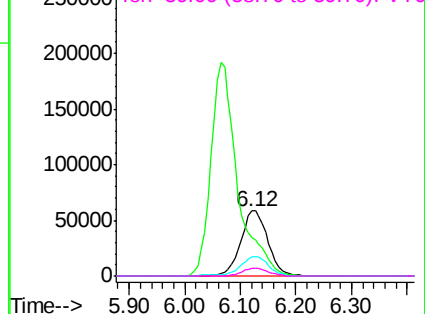


Abundance Ion 45.00 (44.70 to 45.70): VY0

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

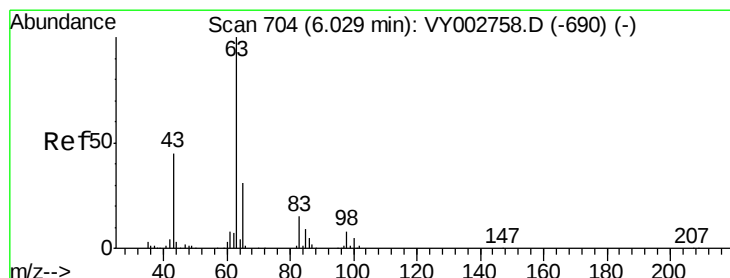
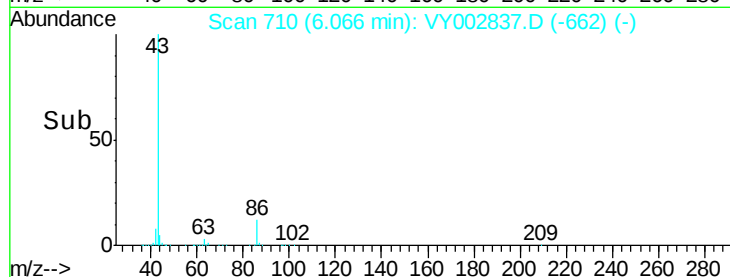
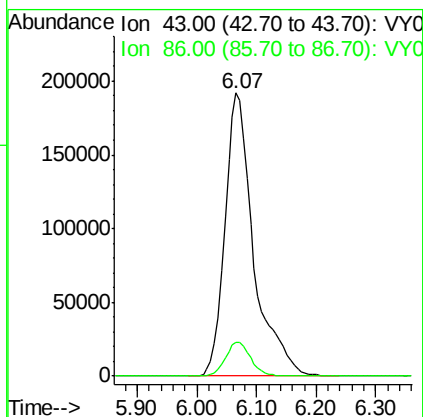
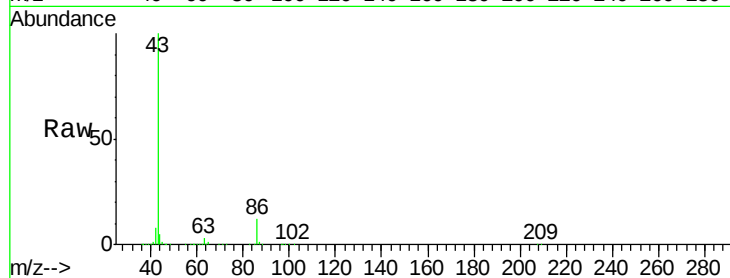




#23
 Vinyl Acetate
 Concen: 112.60 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

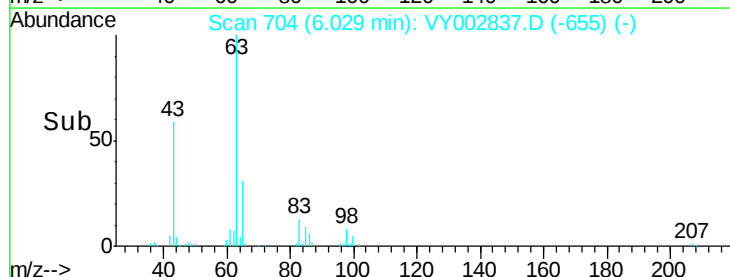
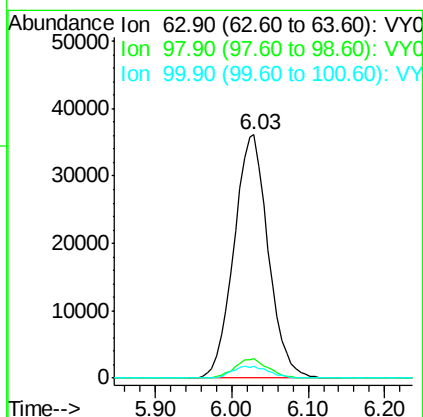
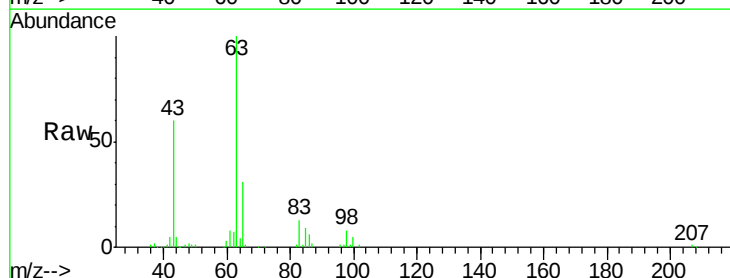
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Tgt Ion: 43 Resp: 641169
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 22.21 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





#25

2-Butanone

Concen: 111.07 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 :

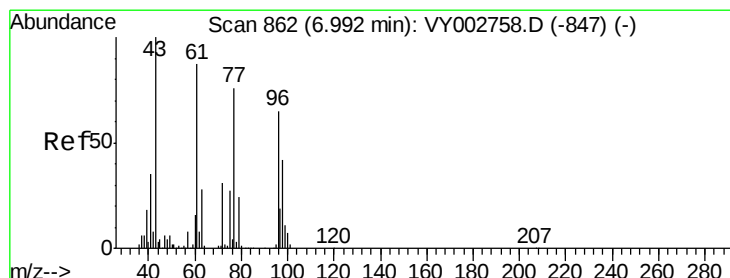
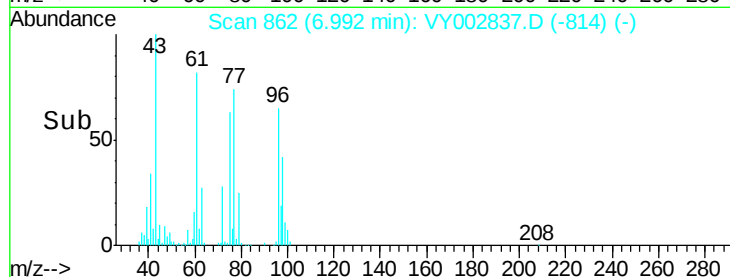
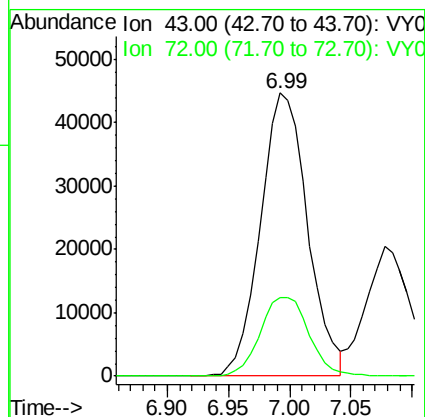
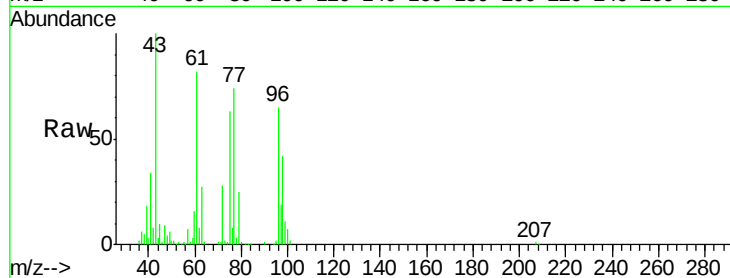
VY0604SBS01

Tgt Ion: 43 Resp: 119840

Ion Ratio Lower Upper

43 100

72 27.9 23.9 35.9



#26

2,2-Dichloropropane

Concen: 21.42 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002837.D

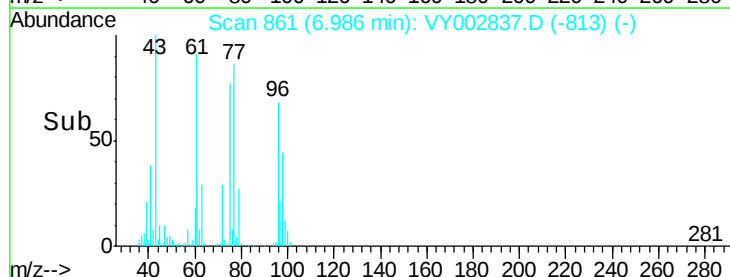
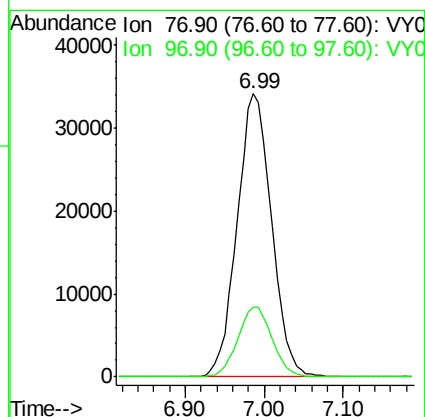
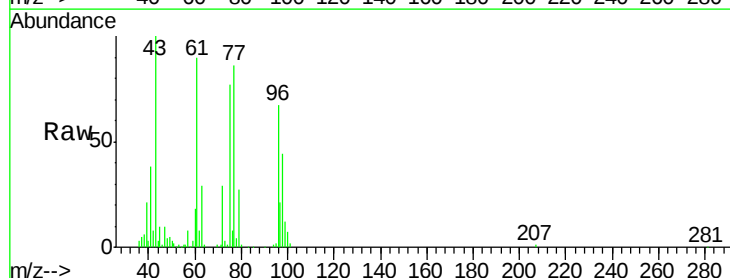
Acq: 04 Jun 2020 13:06

Tgt Ion: 77 Resp: 103619

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6



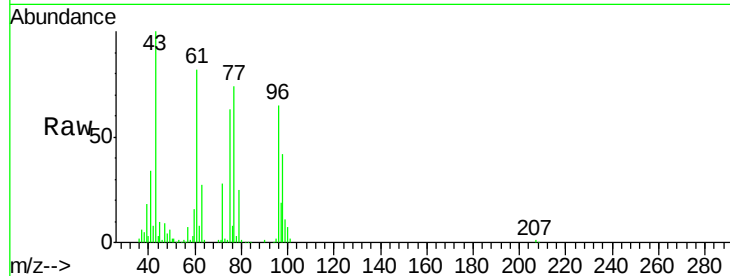


#27

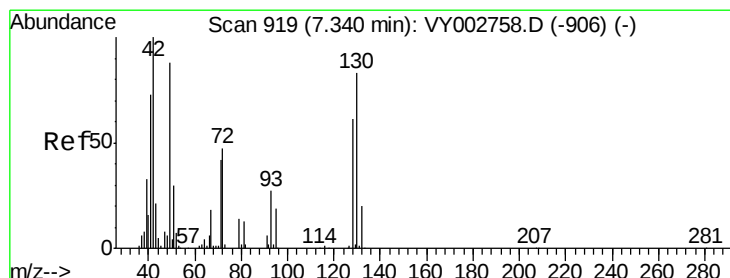
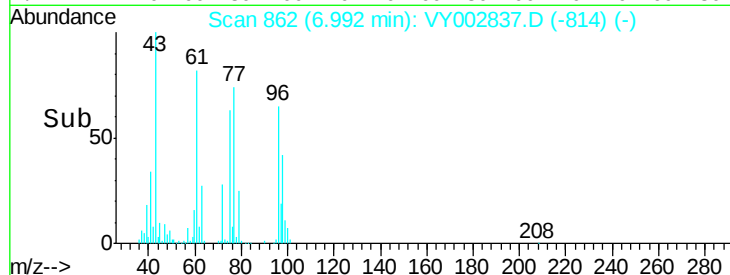
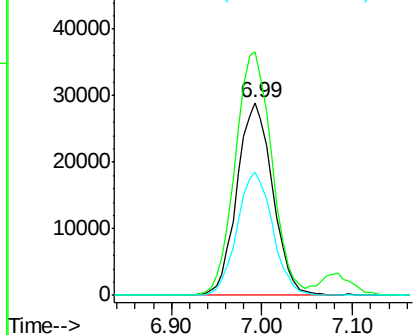
cis-1,2-Dichloroethene
 Concen: 21.64 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

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



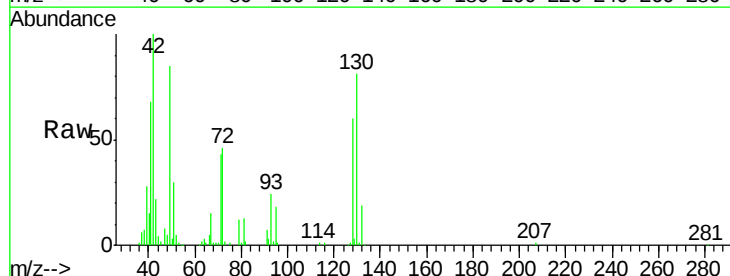
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



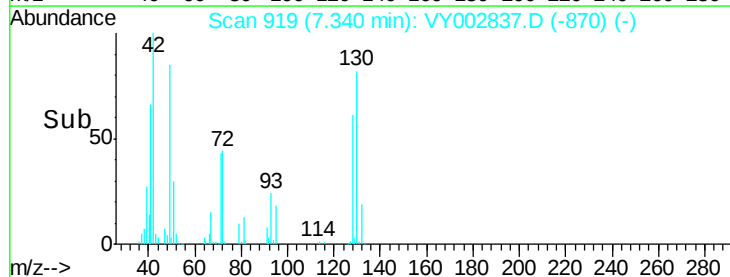
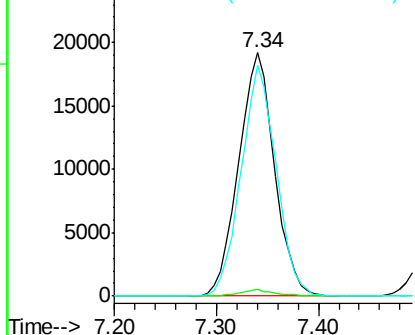
#28

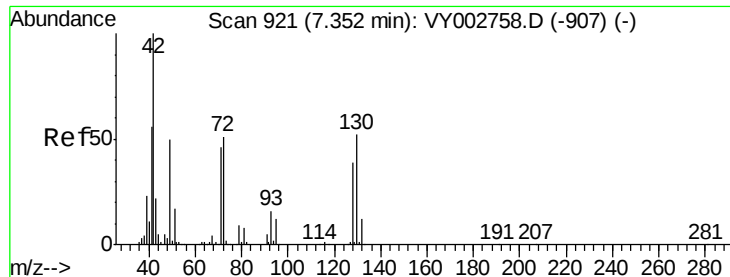
Bromochloromethane
 Concen: 22.64 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

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): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 112.01 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

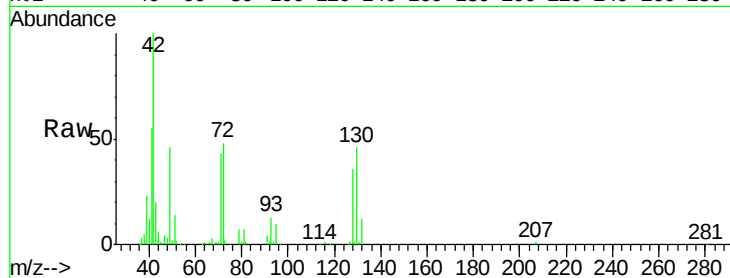
Tgt Ion: 42 Resp: 78615

Ion Ratio Lower Upper

42 100

72 48.1 38.6 58.0

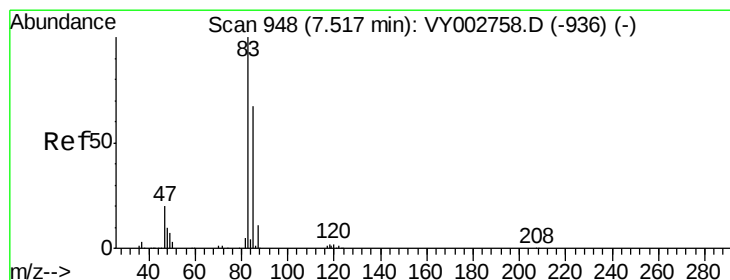
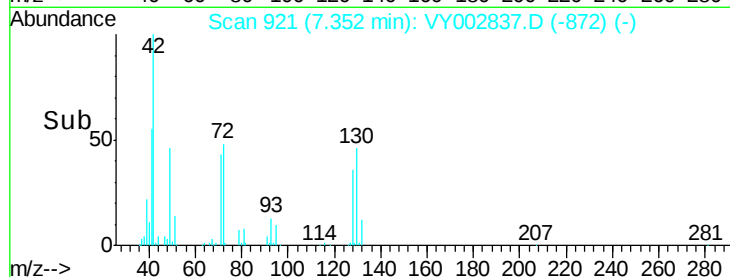
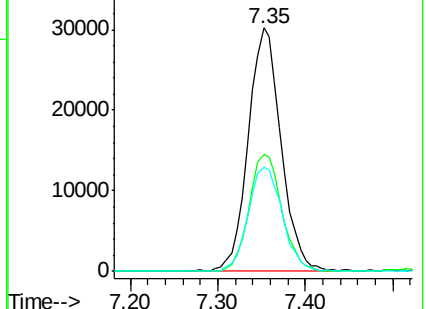
71 44.6 35.8 53.8



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: 21.91 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002837.D

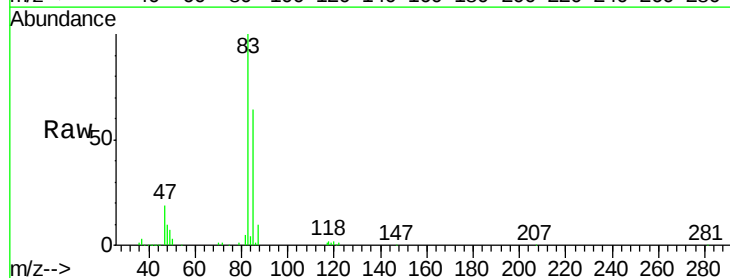
Acq: 04 Jun 2020 13:06

Tgt Ion: 83 Resp: 117289

Ion Ratio Lower Upper

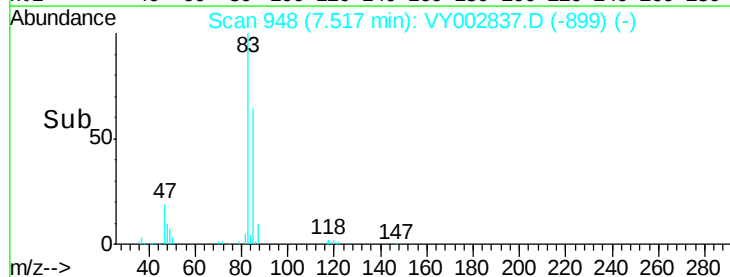
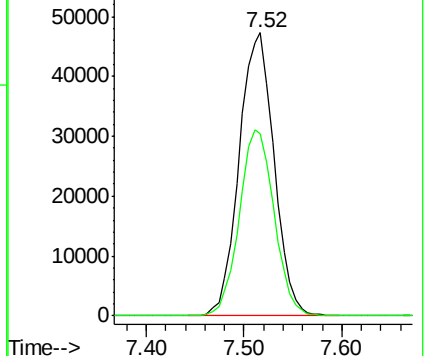
83 100

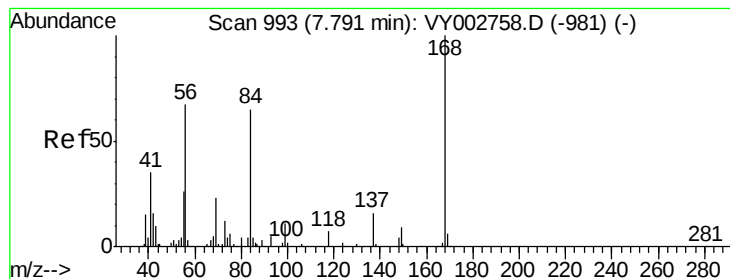
85 64.5 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.61 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

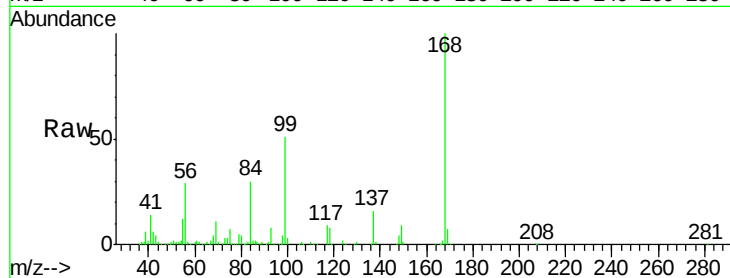
Tgt Ion: 56 Resp: 108228

Ion Ratio Lower Upper

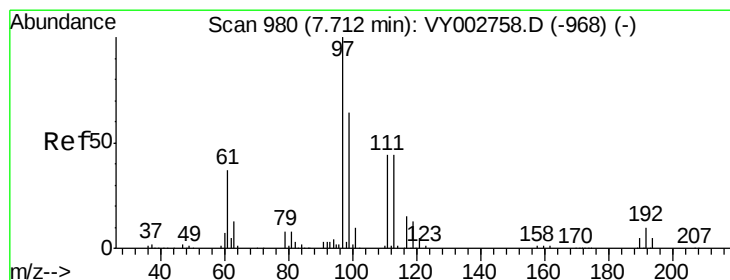
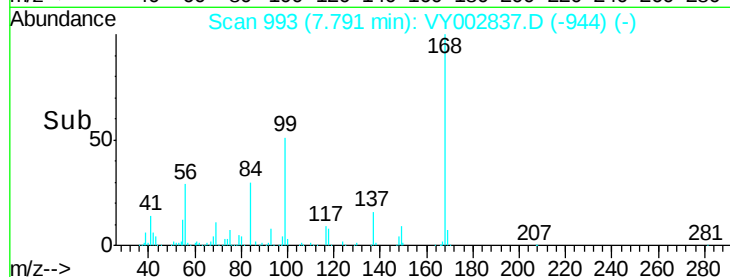
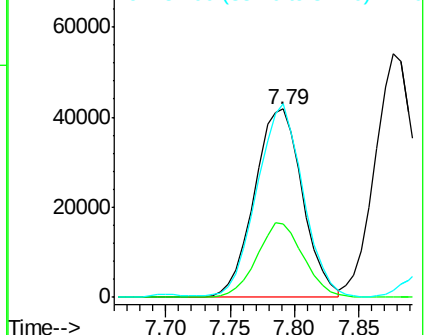
56 100

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: 21.19 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

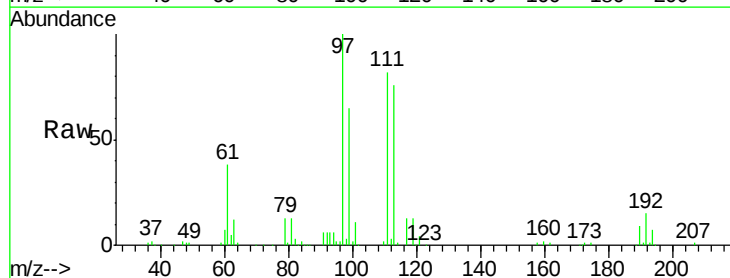
Tgt Ion: 97 Resp: 105725

Ion Ratio Lower Upper

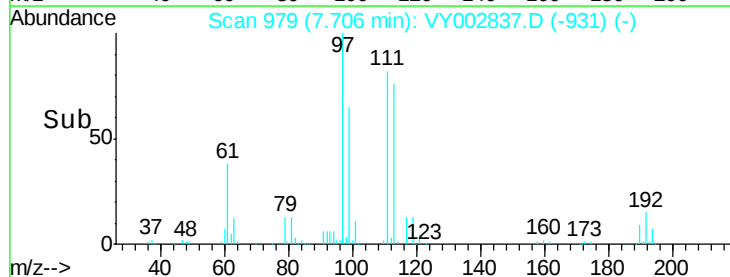
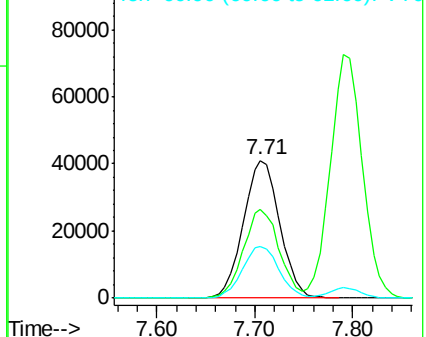
97 100

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: 47.40 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 :

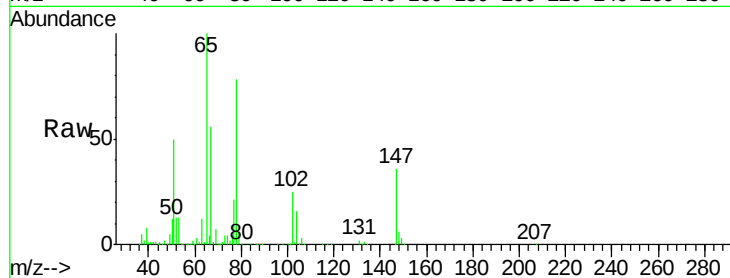
VY0604SBS01

Tgt Ion: 65 Resp: 139983

Ion Ratio Lower Upper

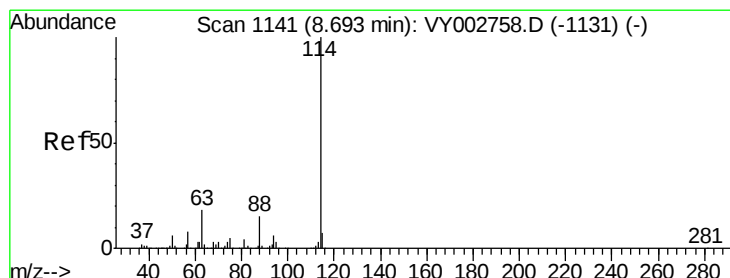
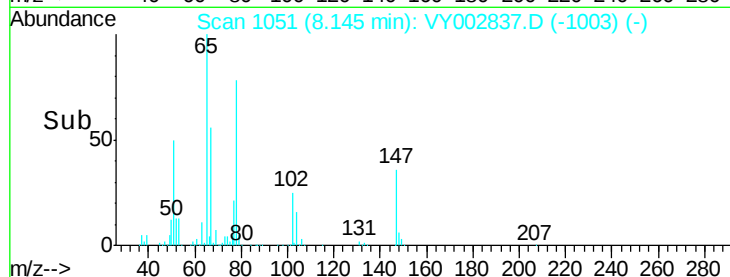
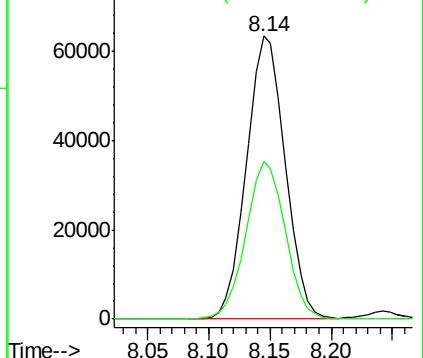
65 100

67 56.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

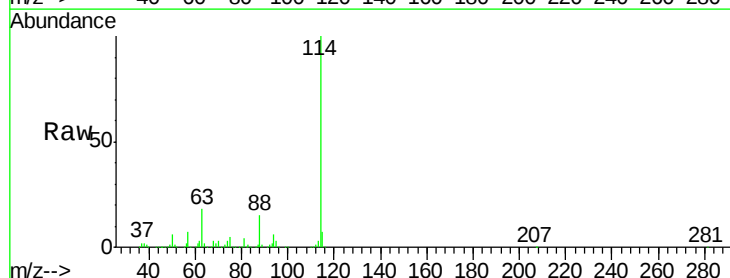
Tgt Ion: 114 Resp: 505007

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

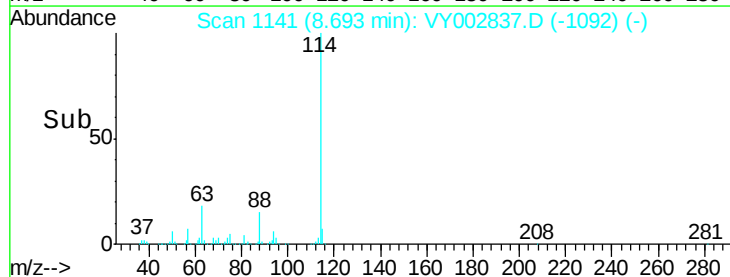
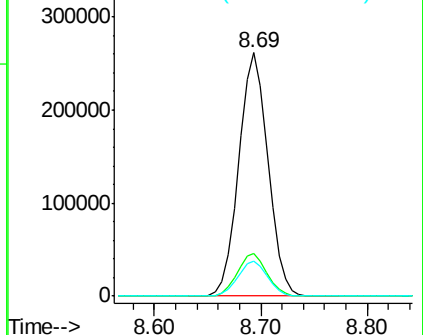
88 14.6 0.0 29.2

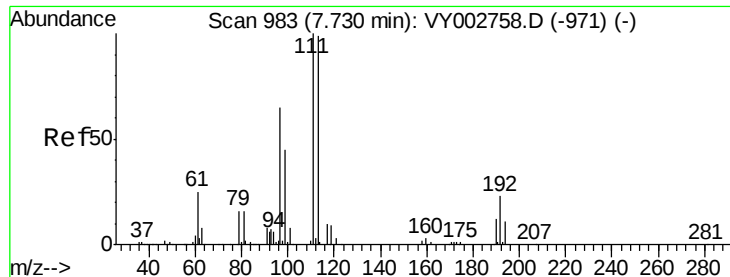


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

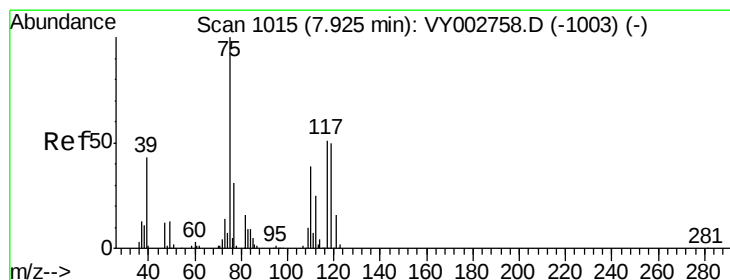
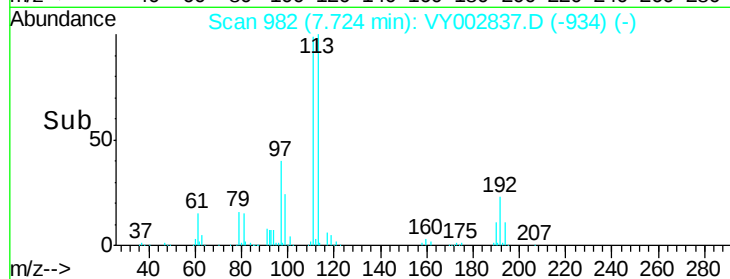
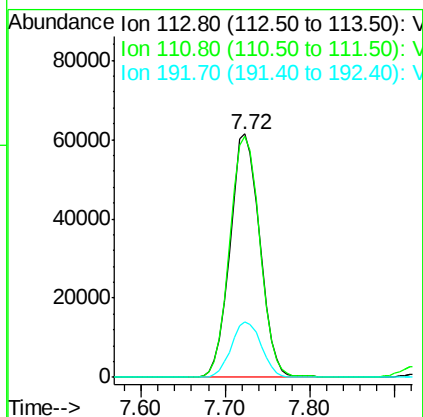
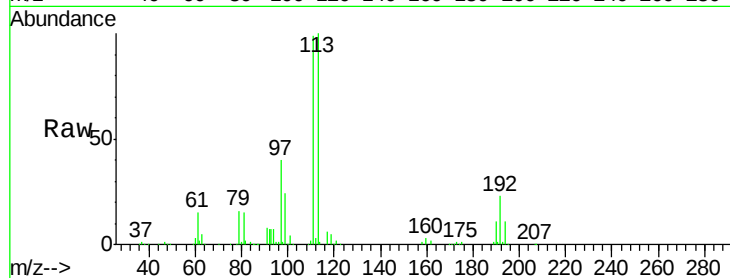




#35
 Dibromofluoromethane
 Concen: 49.64 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

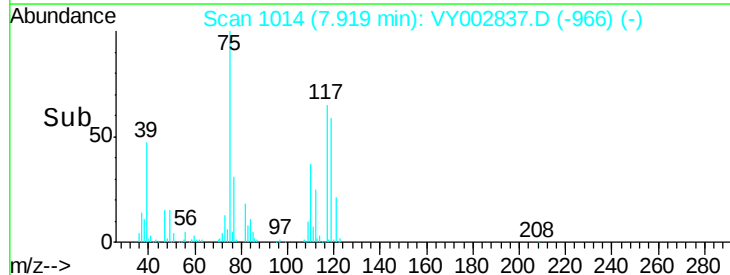
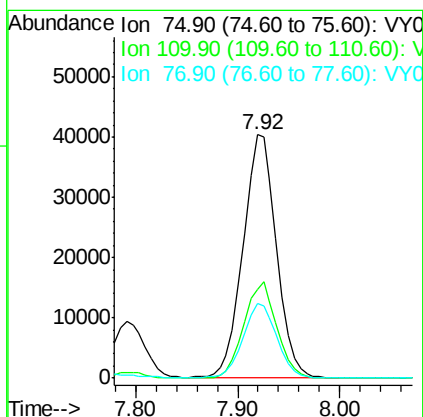
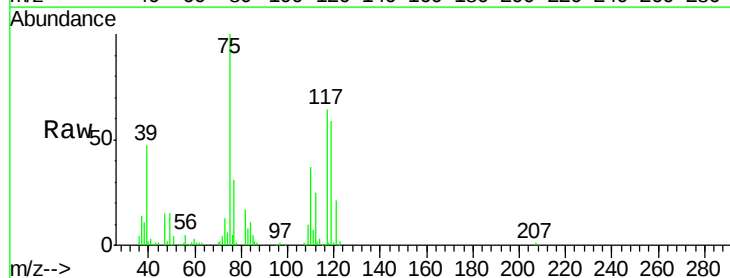
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

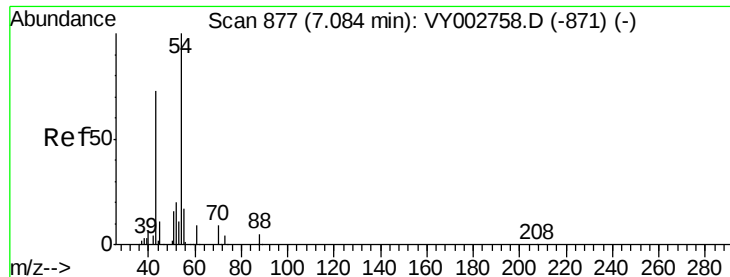
Tgt Ion: 113 Resp: 146910
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.0 123.0
 192 23.1 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 21.68 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: 75 Resp: 92226
 Ion Ratio Lower Upper
 75 100
 110 38.6 19.3 57.9
 77 30.9 24.8 37.2

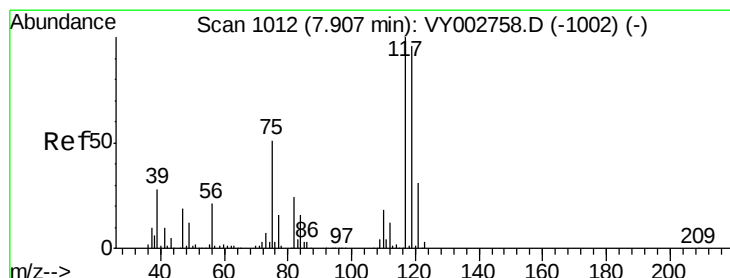
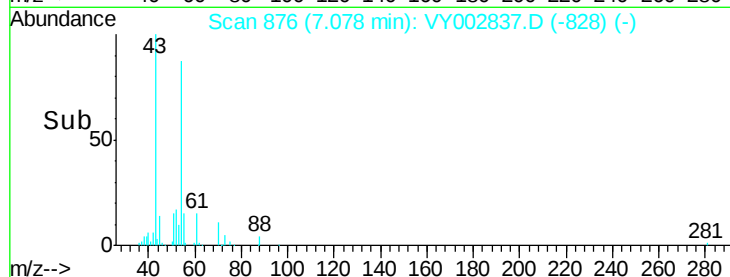
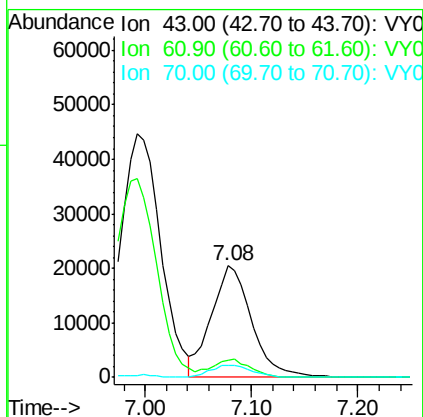
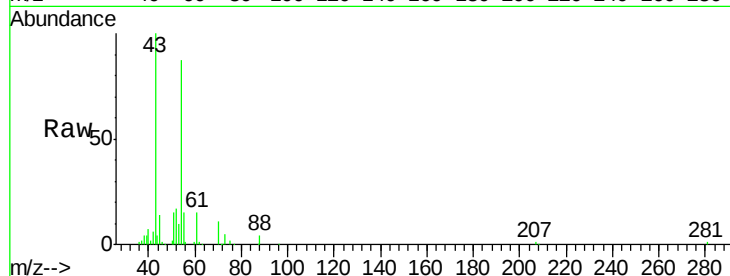




#37
Ethyl Acetate
Concen: 22.95 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

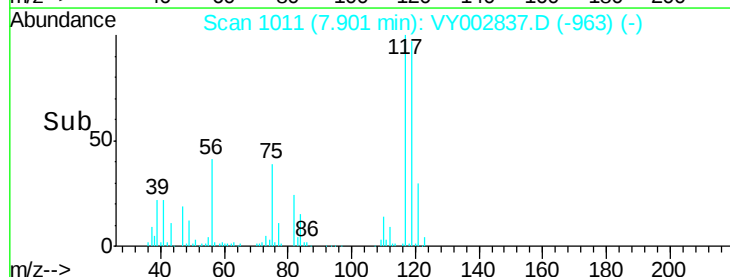
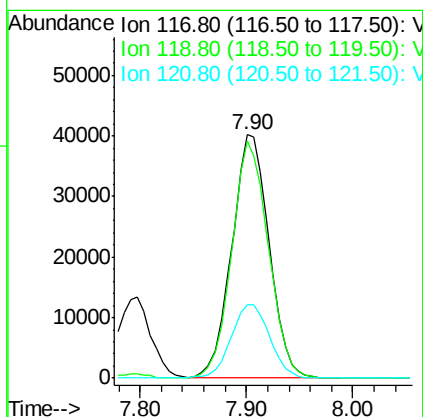
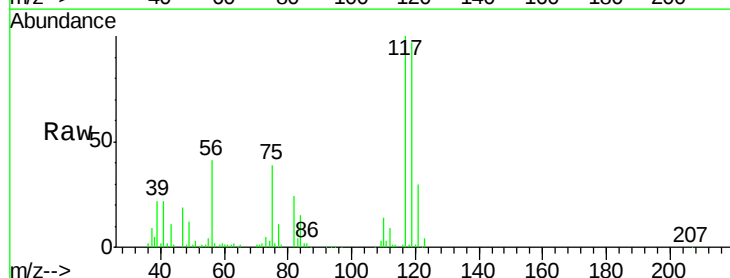
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

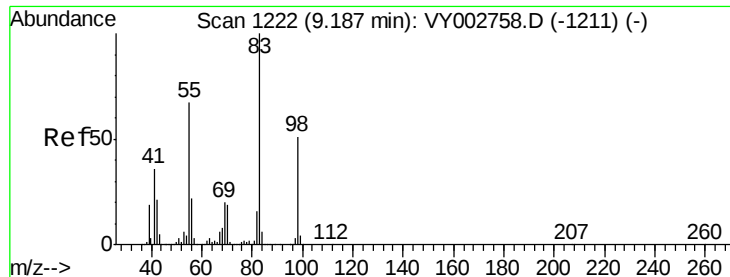
Tgt Ion: 43 Resp: 53113
Ion Ratio Lower Upper
43 100
61 15.5 11.9 17.9
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.93 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

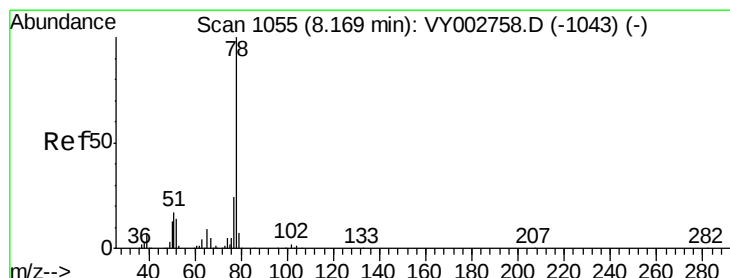
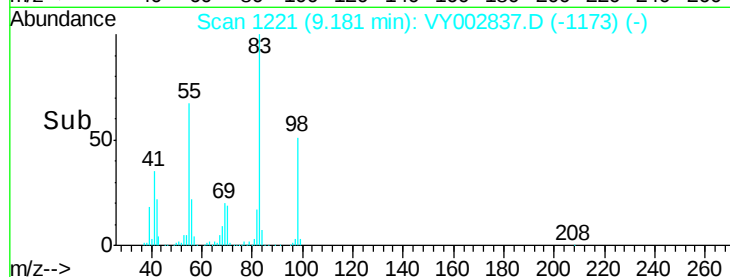
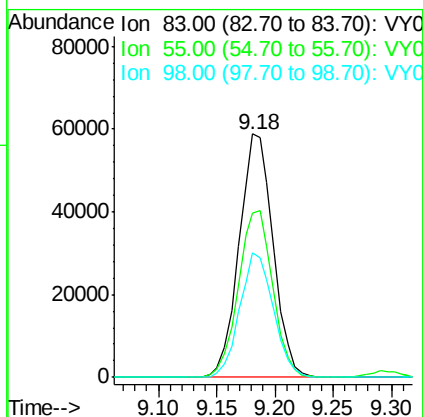
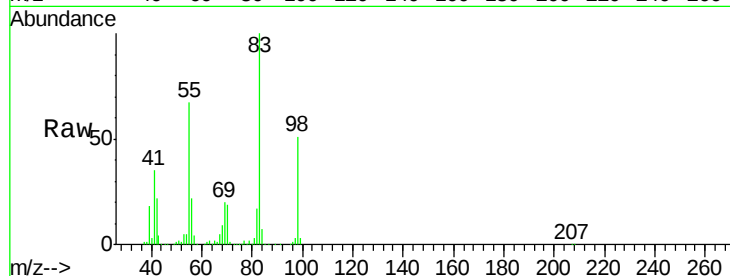




#39
Methylcyclohexane
Concen: 21.35 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

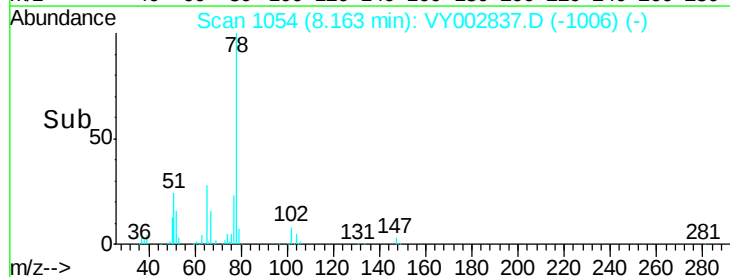
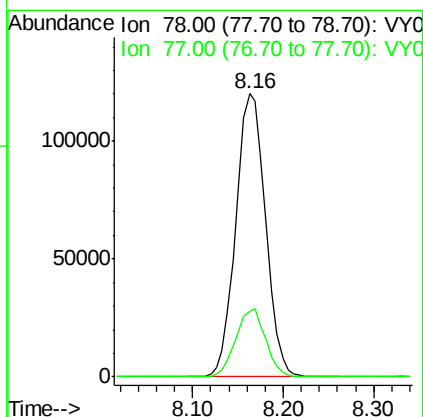
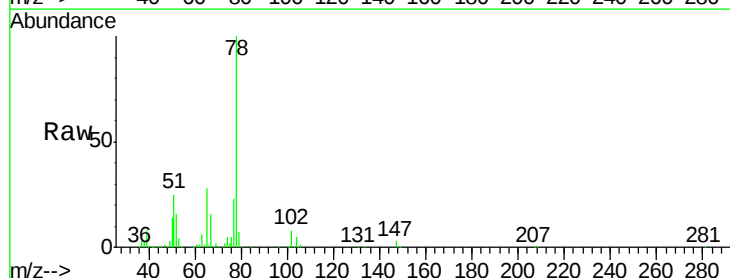
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

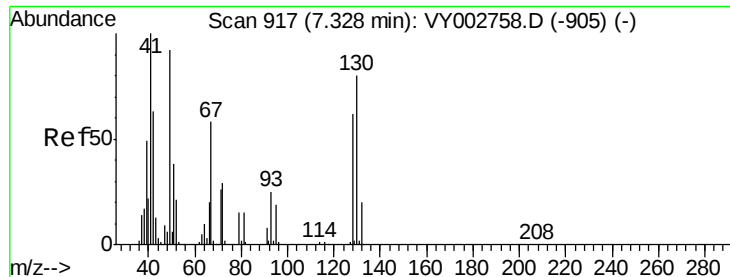
Tgt Ion: 83 Resp: 119705
Ion Ratio Lower Upper
83 100
55 67.5 53.3 79.9
98 50.9 41.1 61.7



#40
Benzene
Concen: 21.70 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

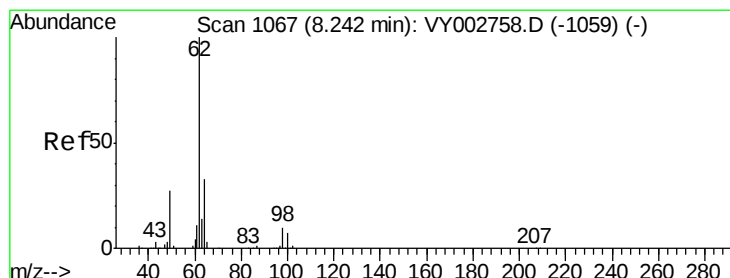
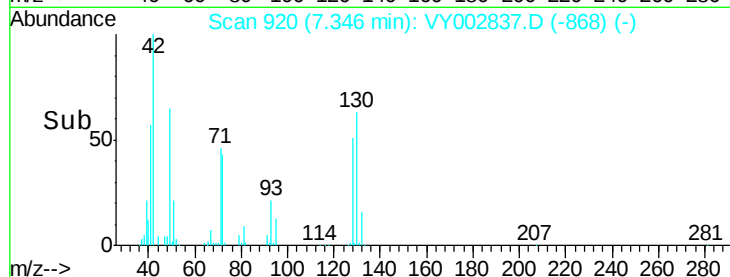
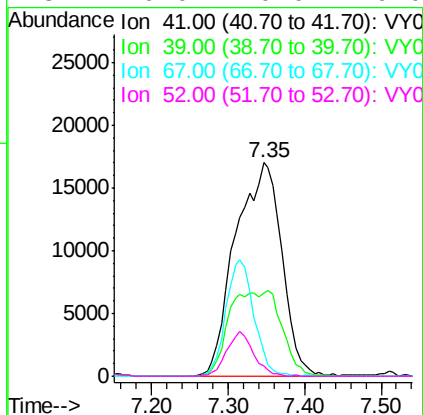
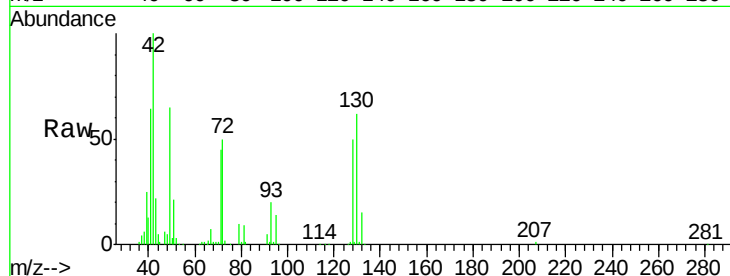




#41
Methacrylonitrile
Concen: 57.45 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

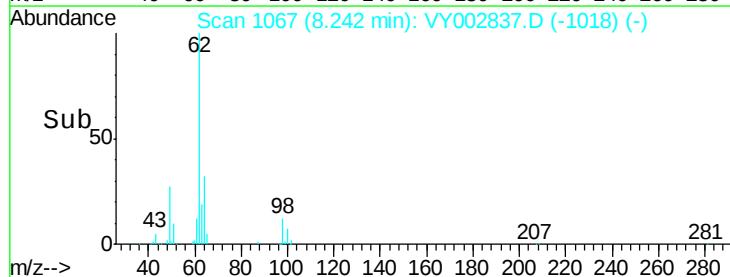
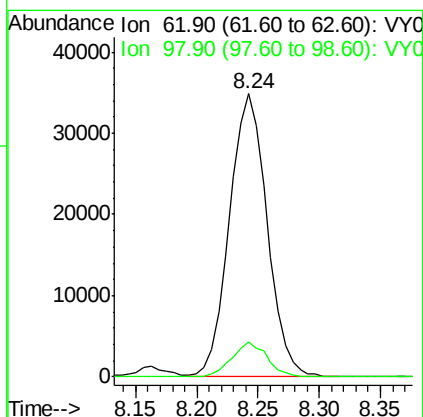
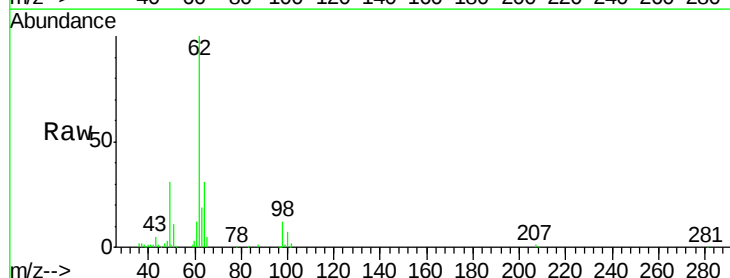
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

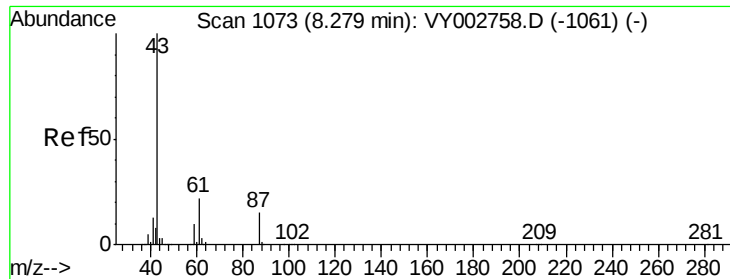
Tgt Ion:	41	Resp:	71430
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.13 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

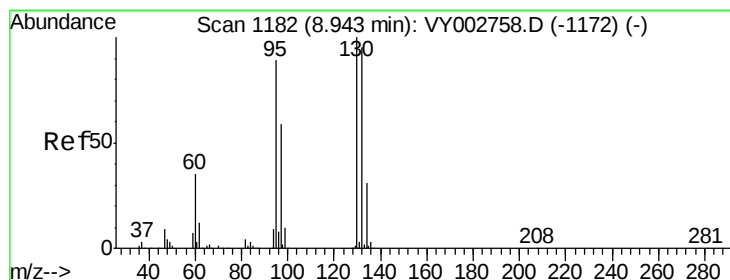
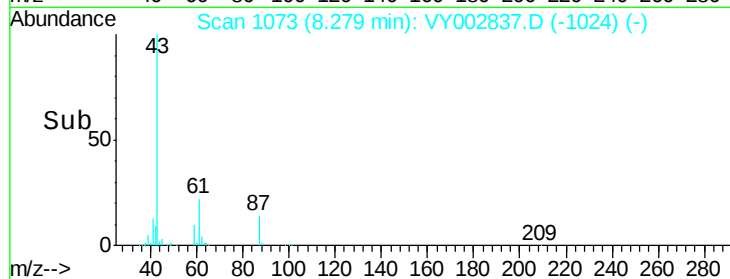
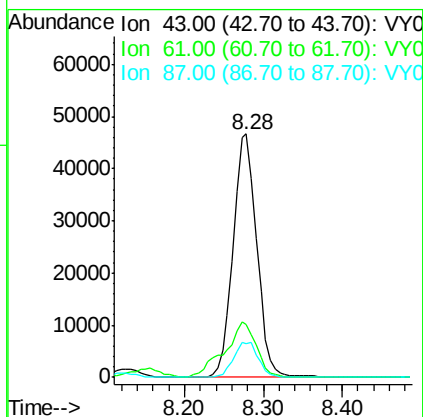
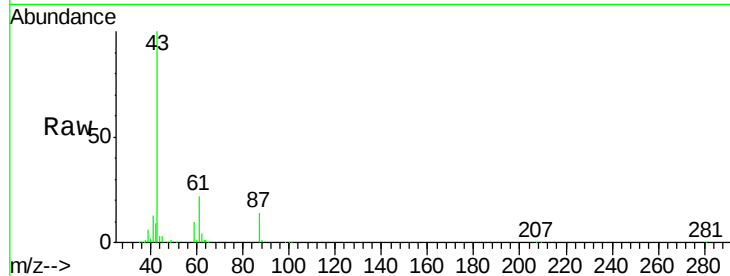




#43
Isopropyl Acetate
Concen: 22.28 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

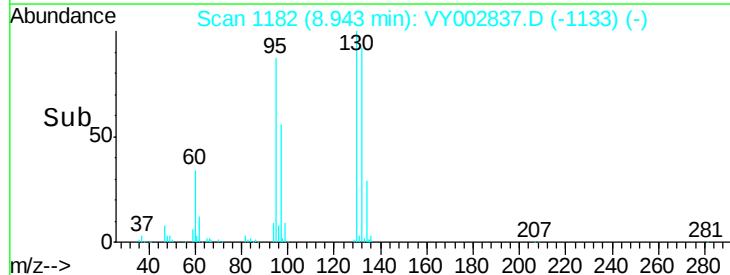
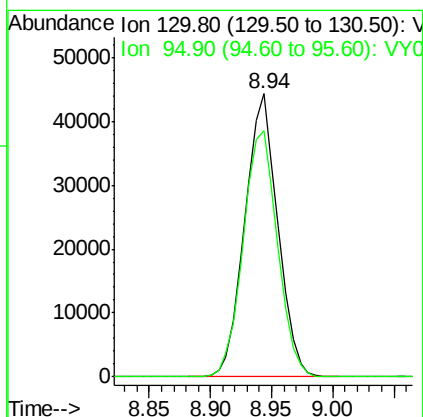
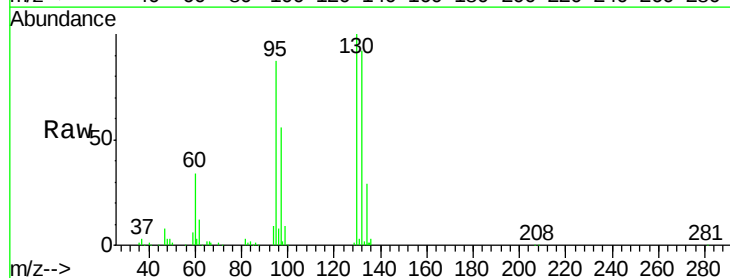
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

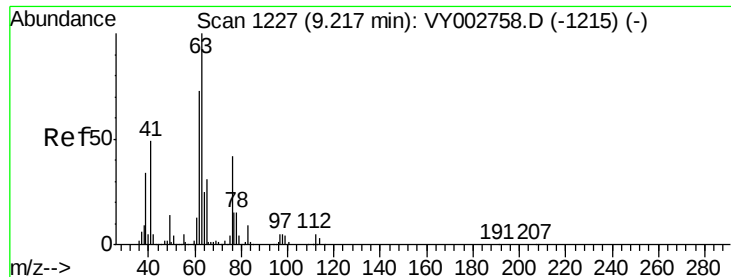
Tgt Ion: 43 Resp: 97743
Ion Ratio Lower Upper
43 100
61 30.5 24.8 37.2
87 15.1 12.4 18.6



#44
Trichloroethene
Concen: 20.91 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

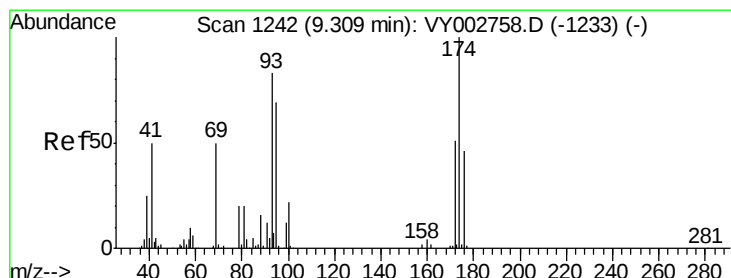
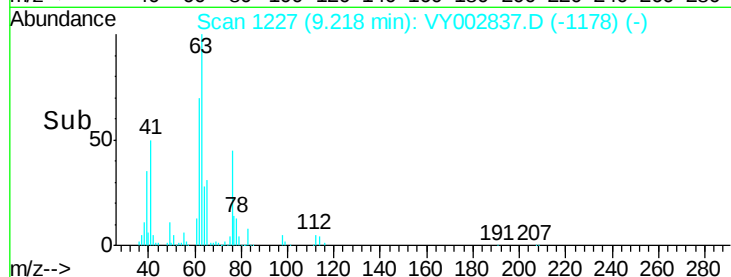
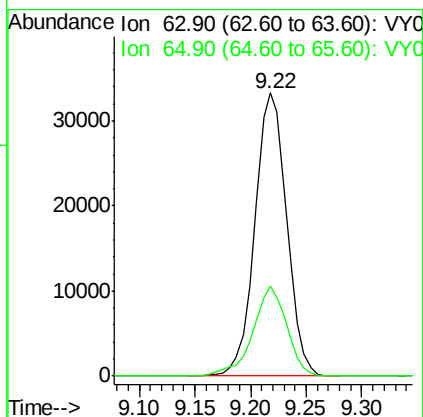
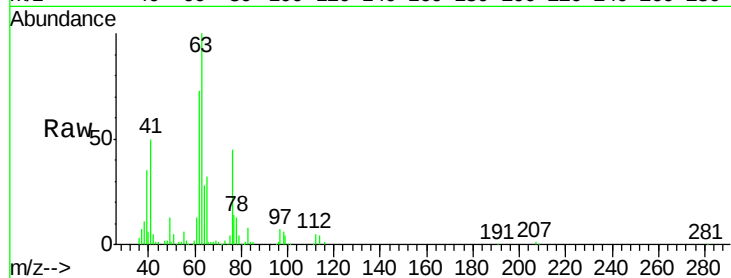




#45
 1,2-Dichloropropane
 Concen: 21.99 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

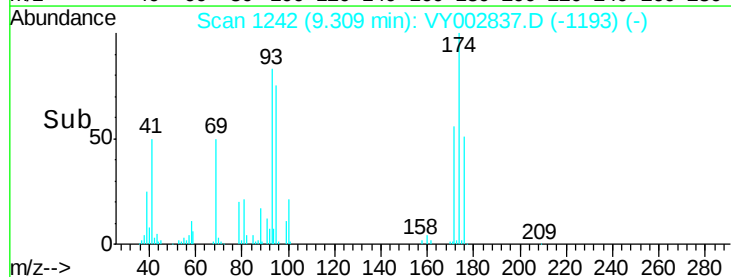
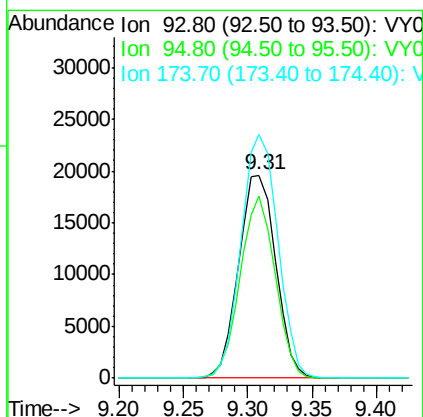
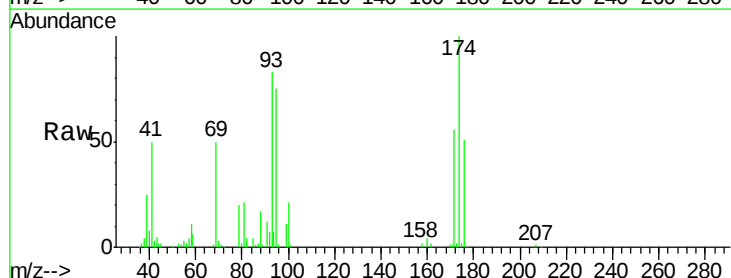
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Tgt Ion: 63 Resp: 66293
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.8 37.2



#46
 Dibromomethane
 Concen: 21.87 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: 21.97 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

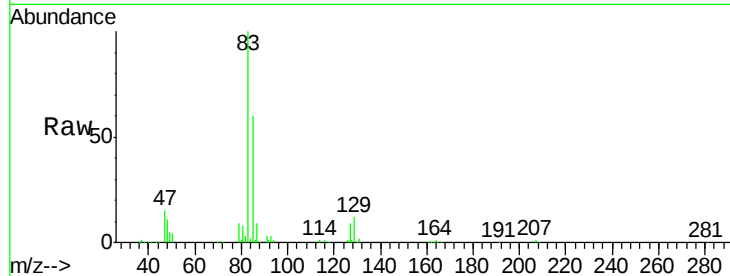
Tgt Ion: 83 Resp: 92704

Ion Ratio Lower Upper

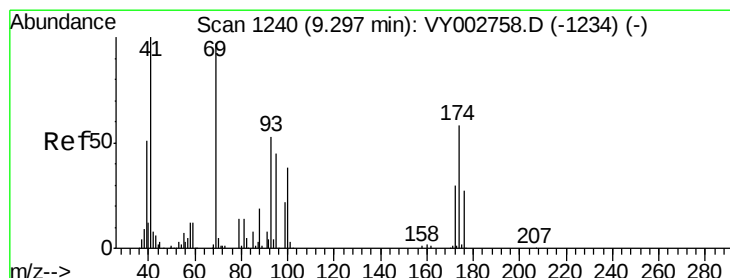
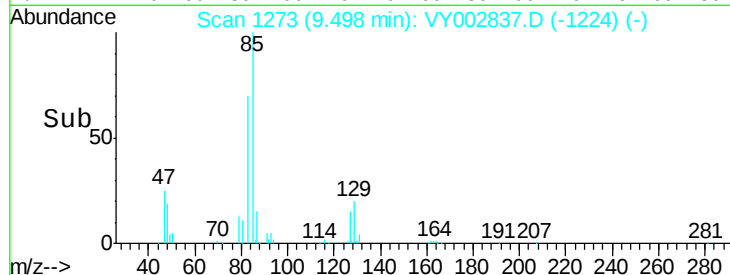
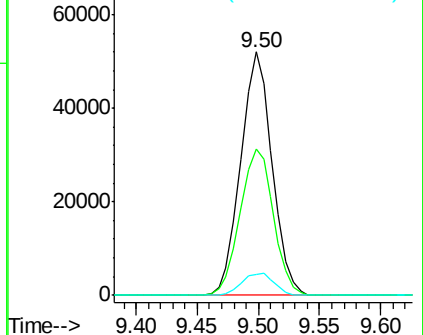
83 100

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: 22.12 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

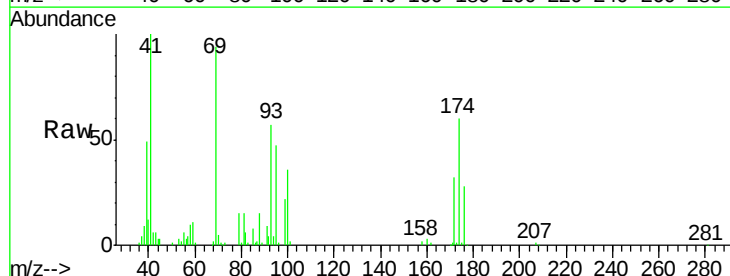
Tgt Ion: 41 Resp: 43805

Ion Ratio Lower Upper

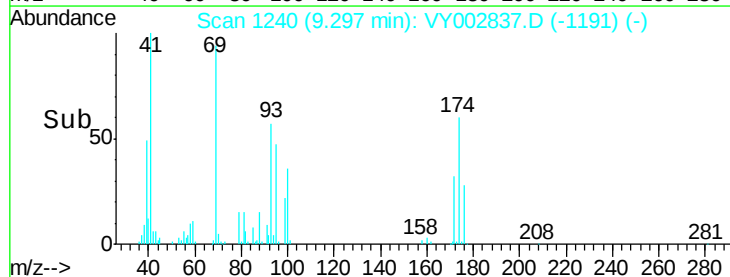
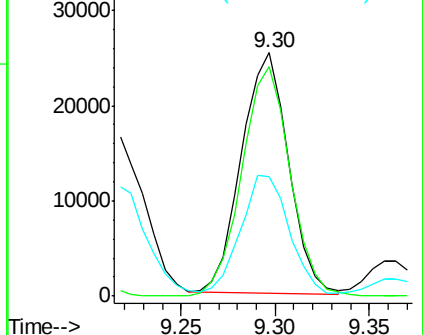
41 100

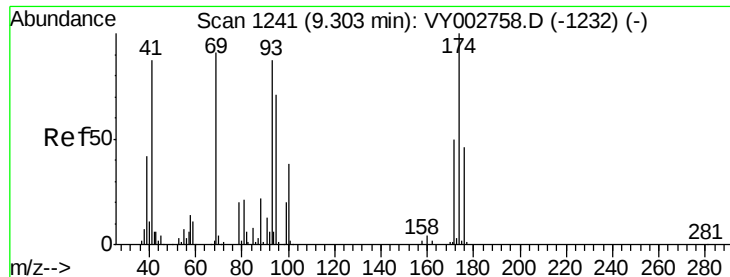
69 97.9 79.7 119.5

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

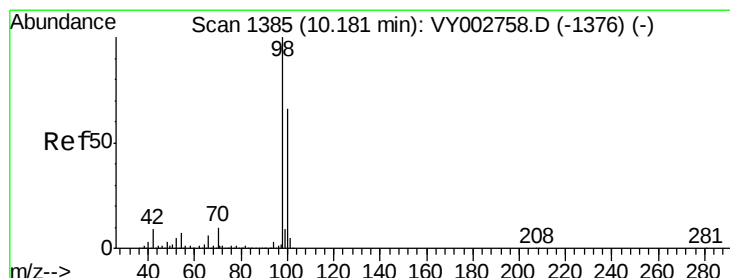
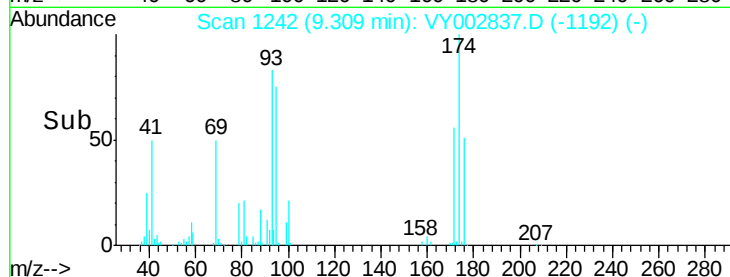
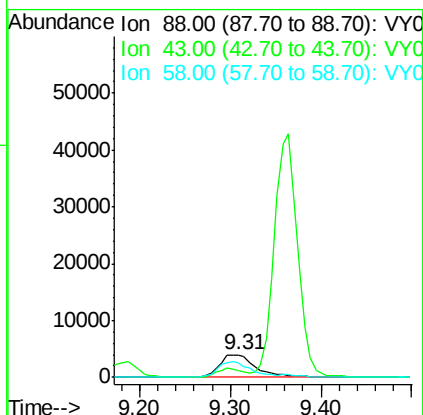
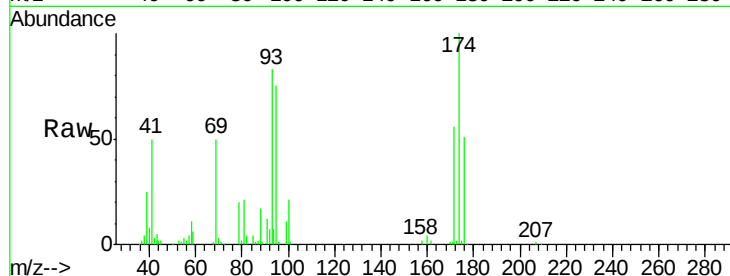




#49
1,4-Dioxane
Concen: 410.00 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

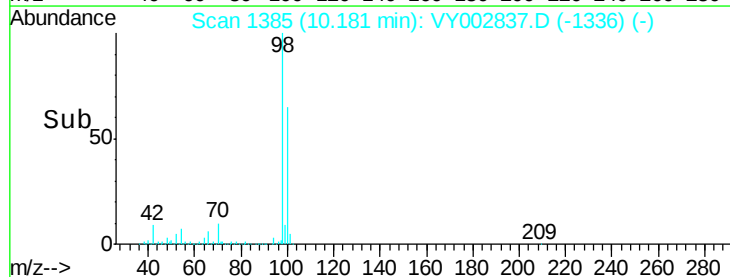
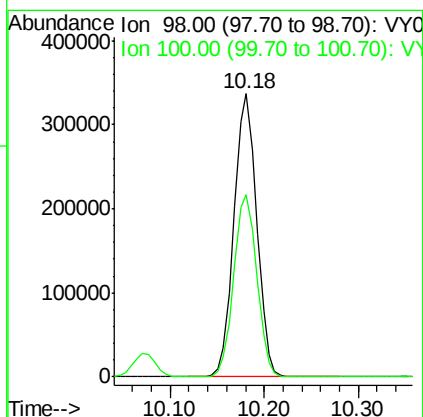
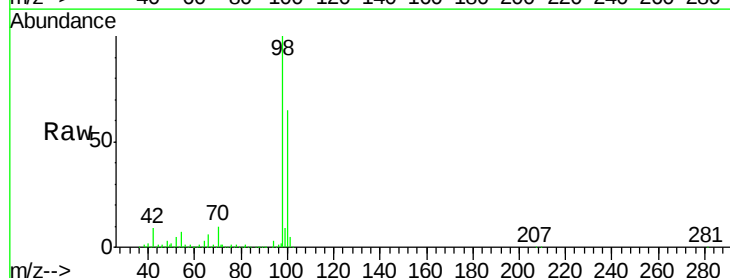
Instrument :
MSVOA_Y
ClientSampled :
VY0604SBS01

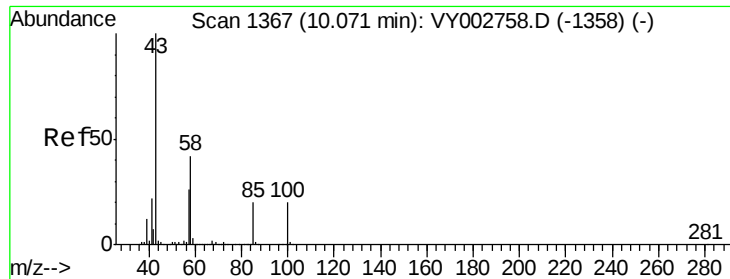
Tgt Ion: 88 Resp: 11270
Ion Ratio Lower Upper
88 100
43 28.4 21.3 31.9
58 63.3 52.2 78.2



#50
Toluene-d8
Concen: 47.17 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

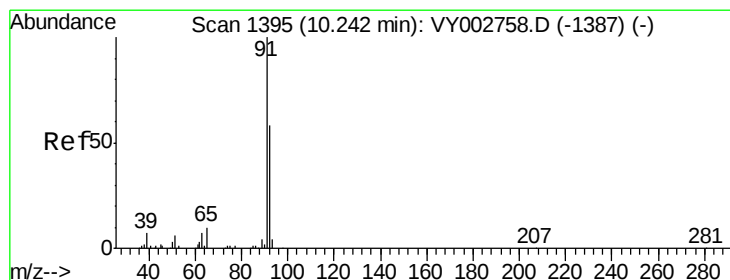
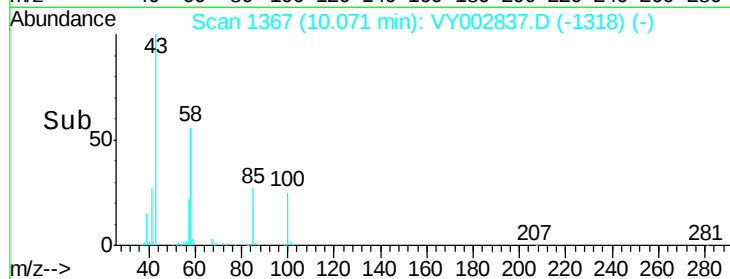
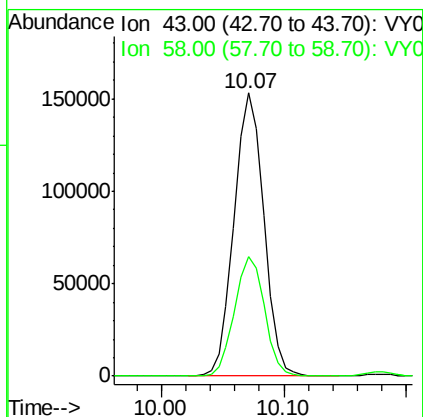
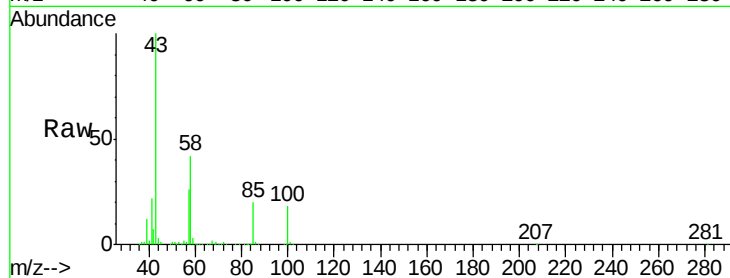




#51
 4-Methyl-2-Pentanone
 Concen: 111.25 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

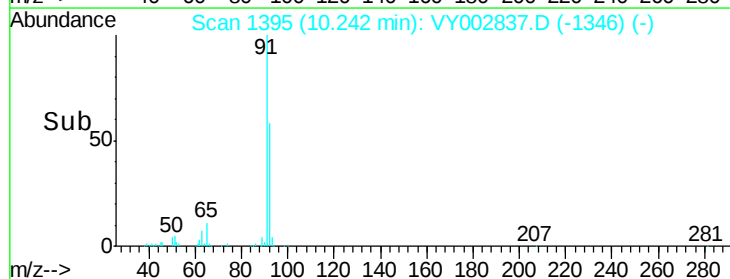
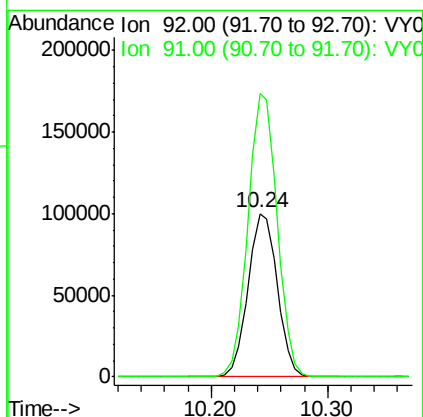
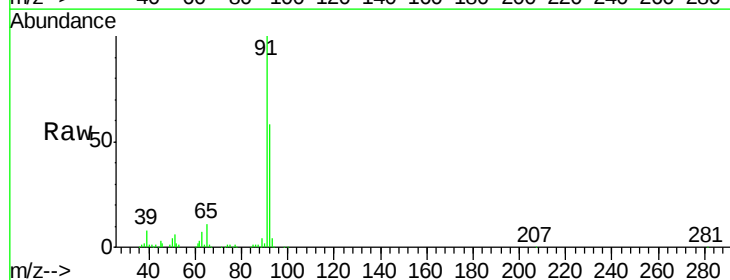
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

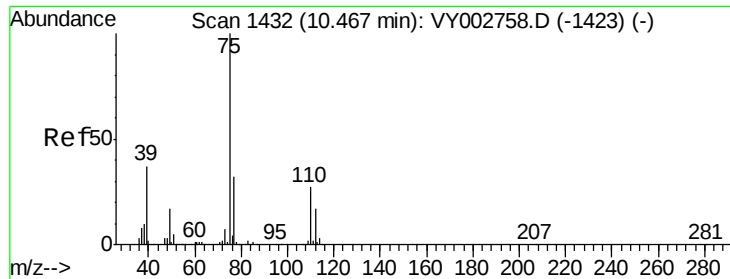
Tgt Ion: 43 Resp: 258380
 Ion Ratio Lower Upper
 43 100
 58 42.3 34.2 51.2



#52
 Toluene
 Concen: 21.37 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: 21.55 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 :

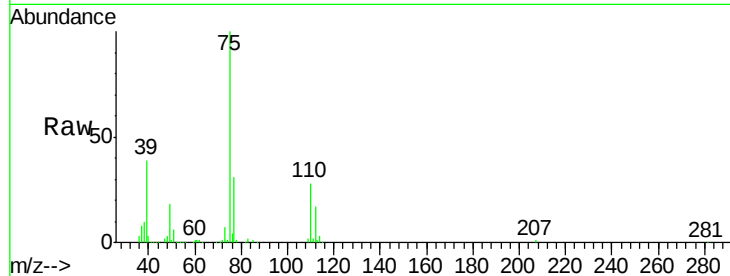
VY0604SBS01

Tgt Ion: 75 Resp: 99343

Ion Ratio Lower Upper

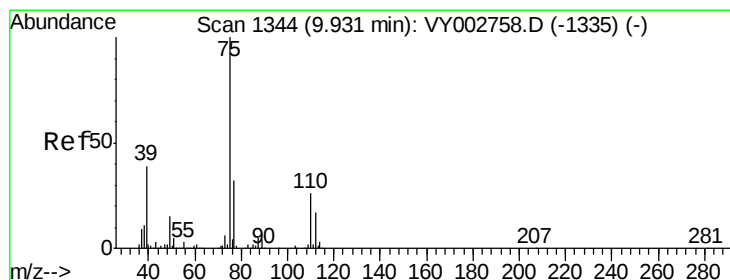
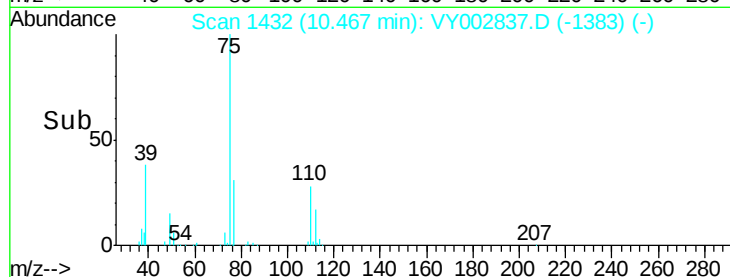
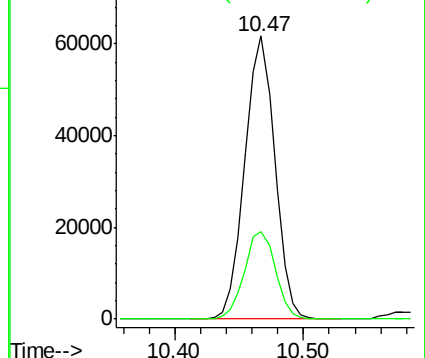
75 100

77 31.1 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.54 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

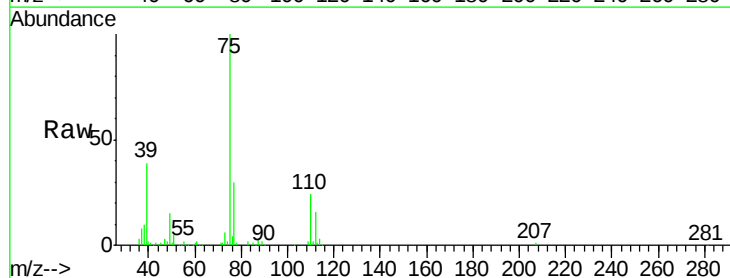
Tgt Ion: 75 Resp: 112517

Ion Ratio Lower Upper

75 100

77 29.7 25.6 38.4

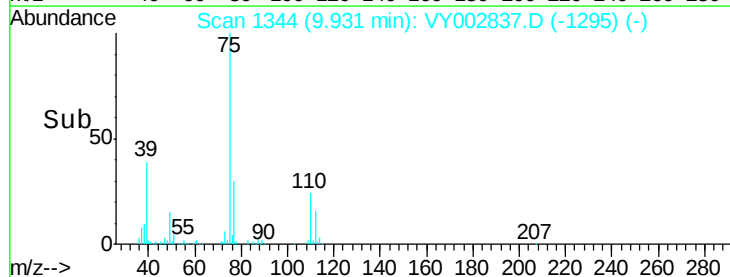
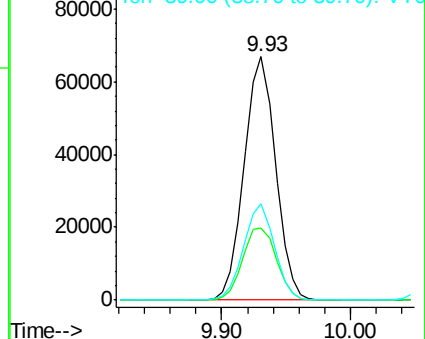
39 39.5 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

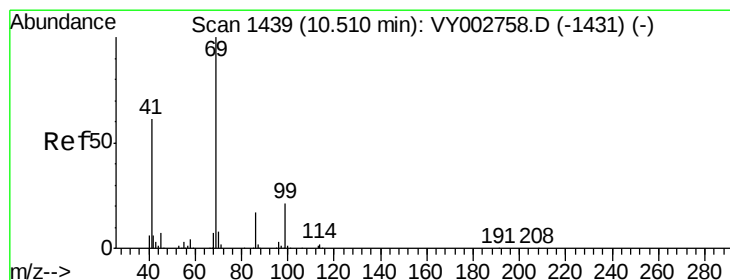
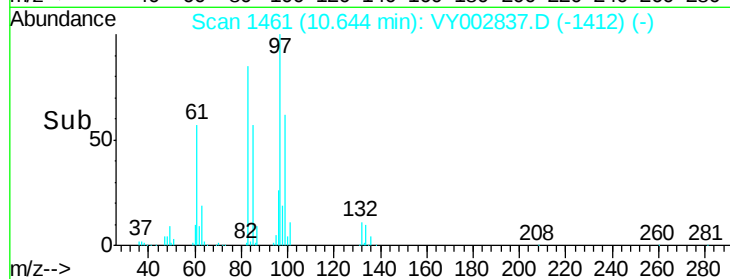
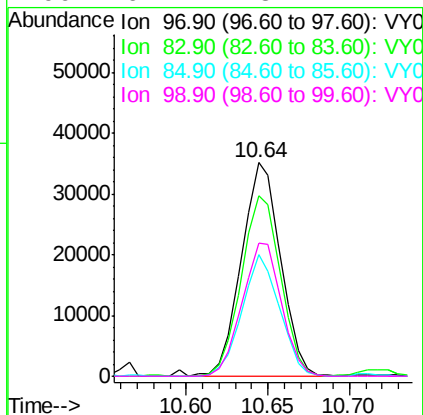
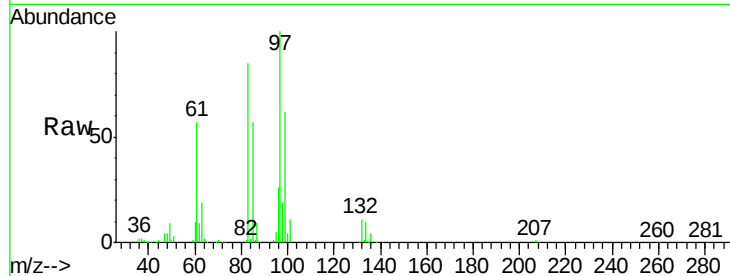




#55
 1,1,2-Trichloroethane
 Concen: 21.46 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

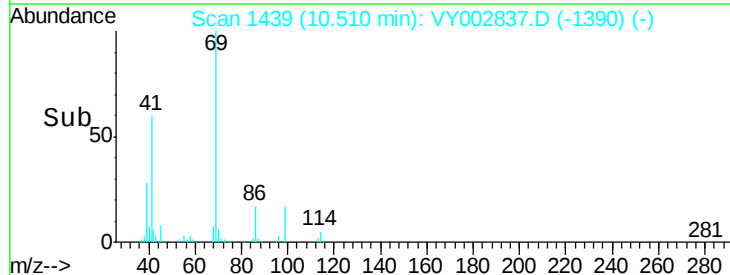
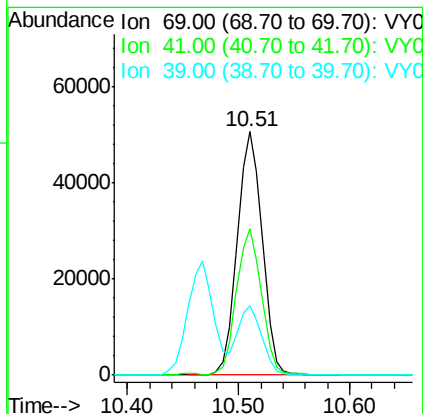
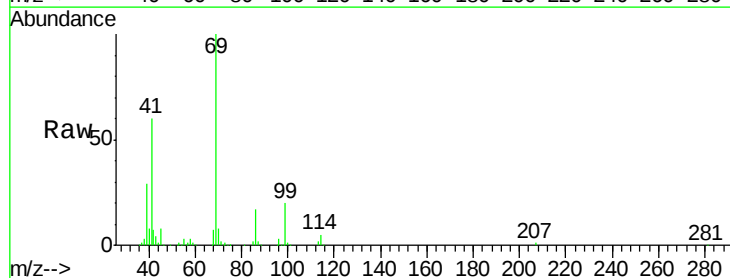
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Tgt 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: 21.45 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: 22.01 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 :

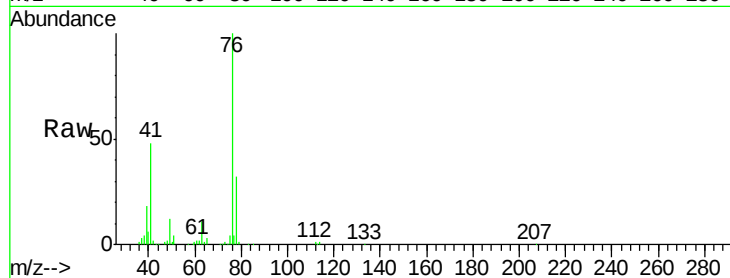
VY0604SBS01

Tgt Ion: 76 Resp: 99201

Ion Ratio Lower Upper

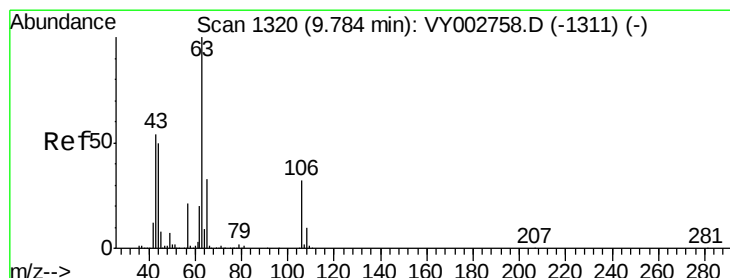
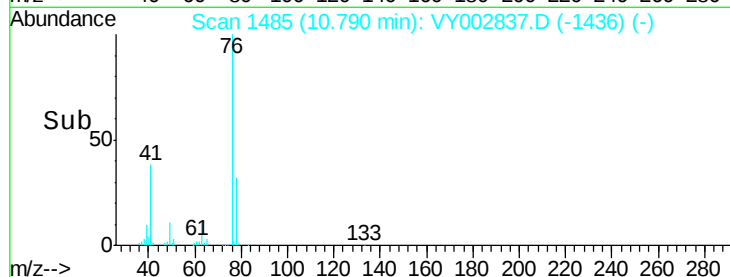
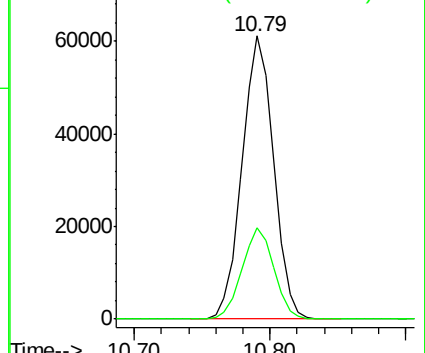
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 105.39 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002837.D

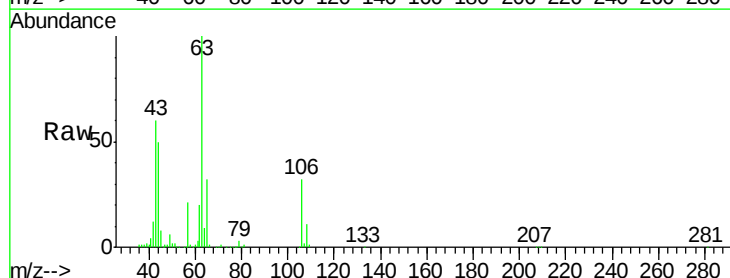
Acq: 04 Jun 2020 13:06

Tgt Ion: 63 Resp: 189039

Ion Ratio Lower Upper

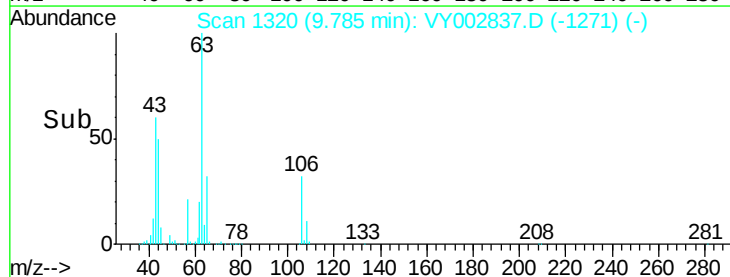
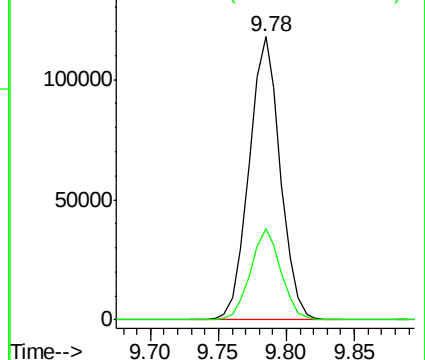
63 100

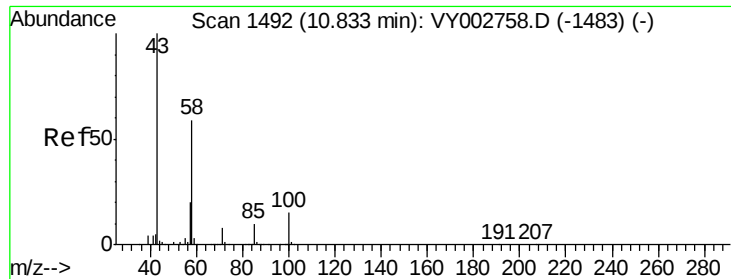
106 31.6 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

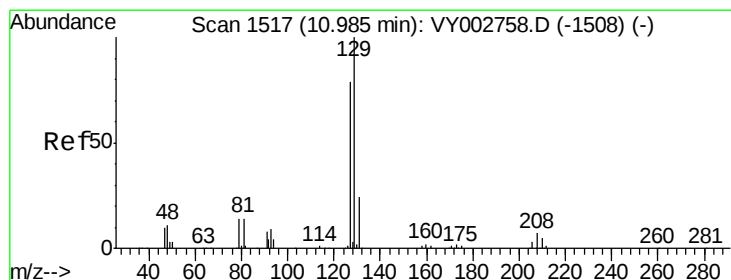
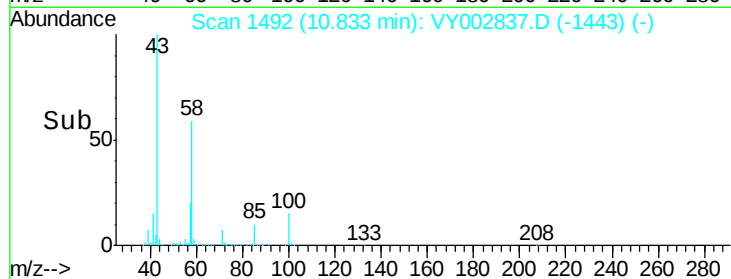
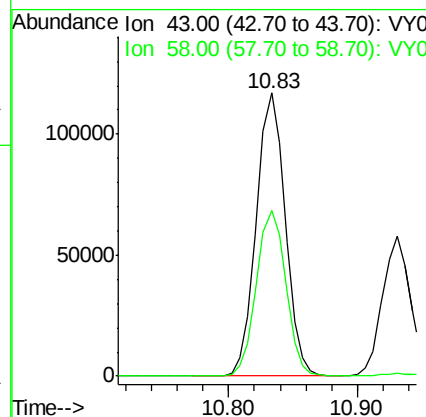
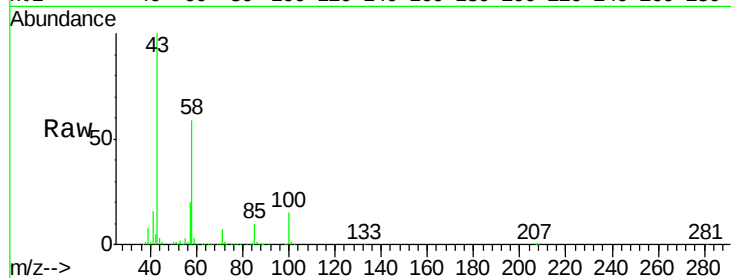




#59
2-Hexanone
Concen: 110.02 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

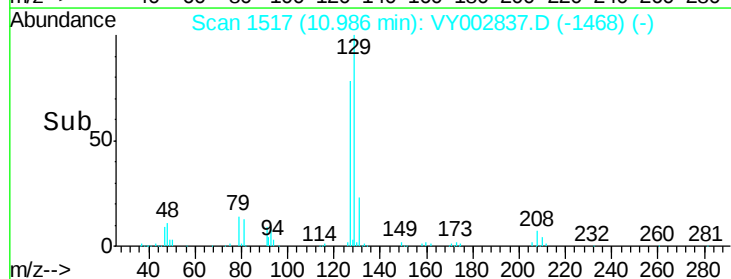
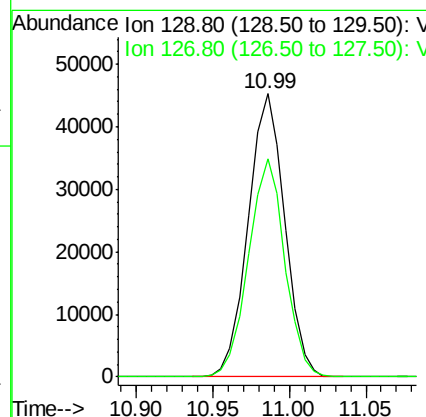
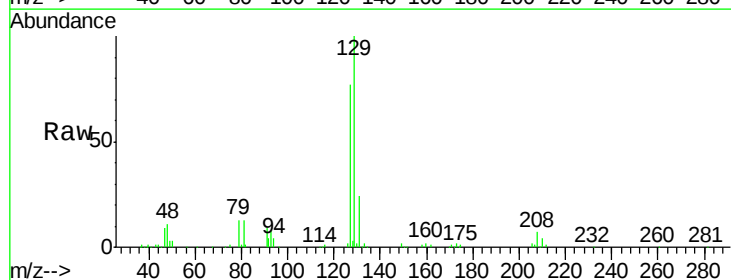
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

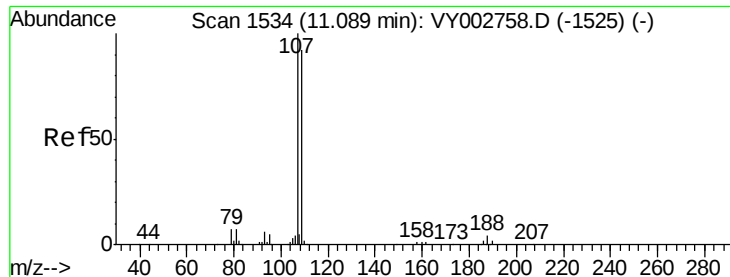
Tgt Ion: 43 Resp: 181300
Ion Ratio Lower Upper
43 100
58 59.6 29.5 88.5



#60
Dibromochloromethane
Concen: 21.61 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

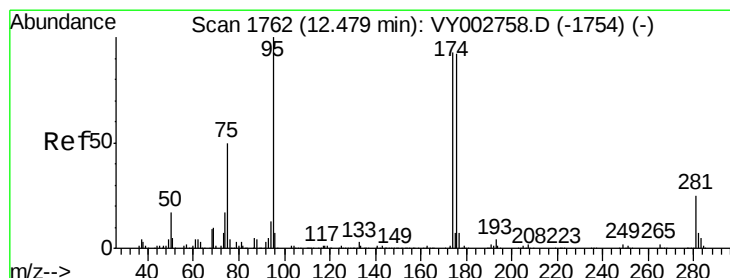
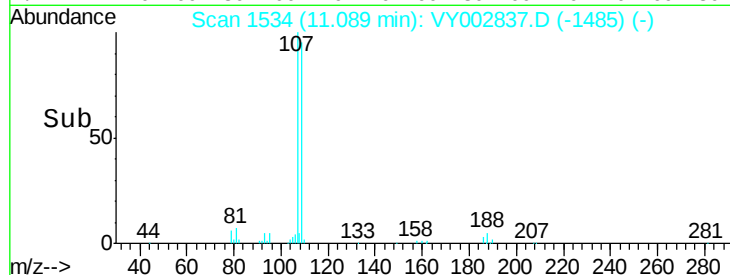
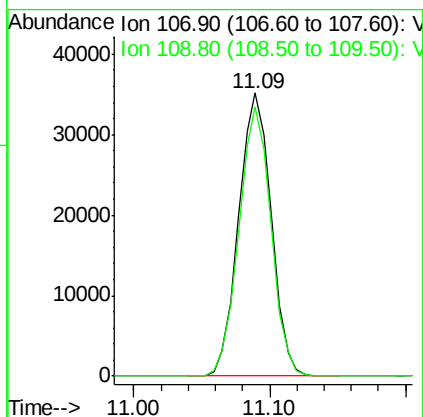
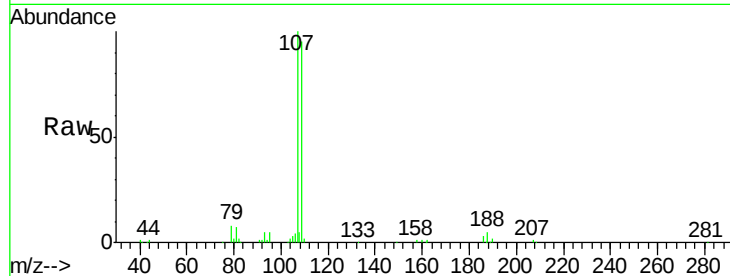




#61
 1,2-Dibromoethane
 Concen: 21.77 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

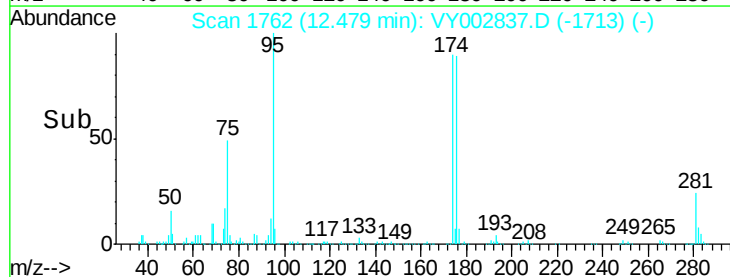
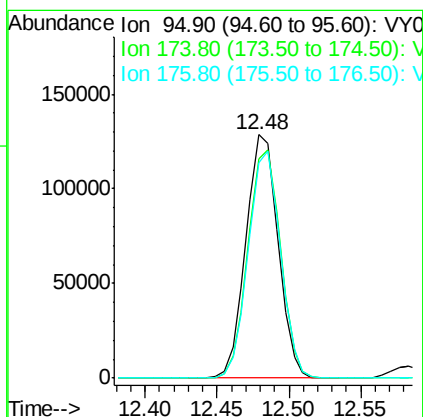
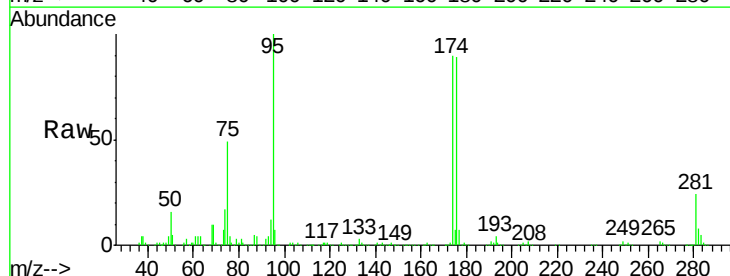
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

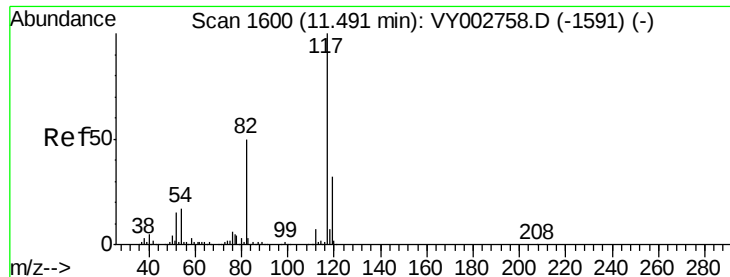
Tgt Ion: 107 Resp: 58868
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.63 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

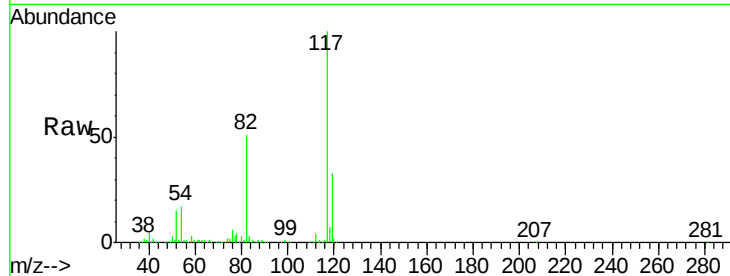




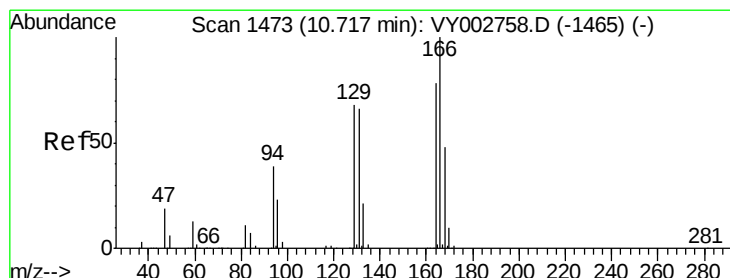
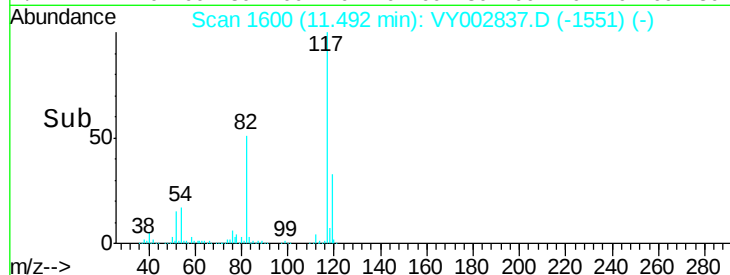
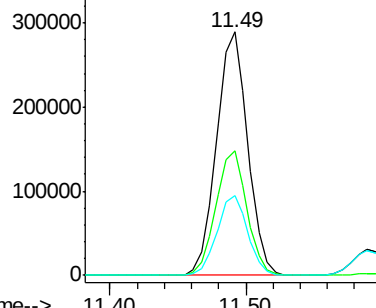
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

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

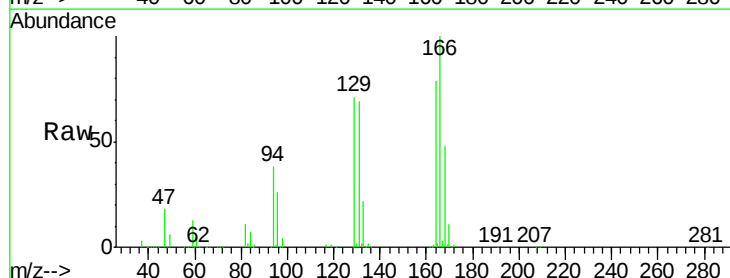


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

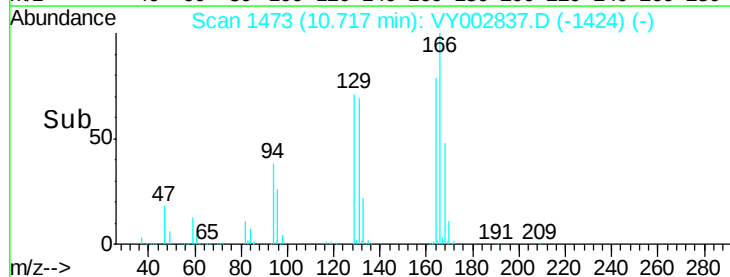
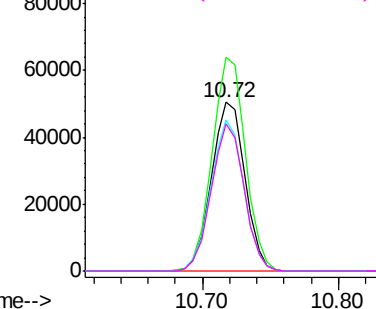


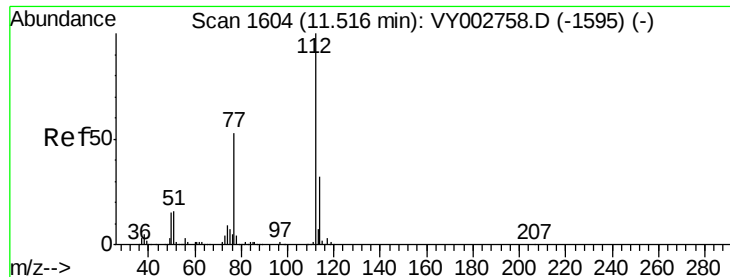
#64
Tetrachloroethene
Concen: 20.61 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

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

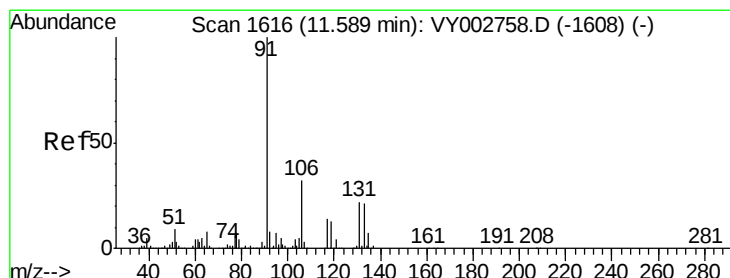
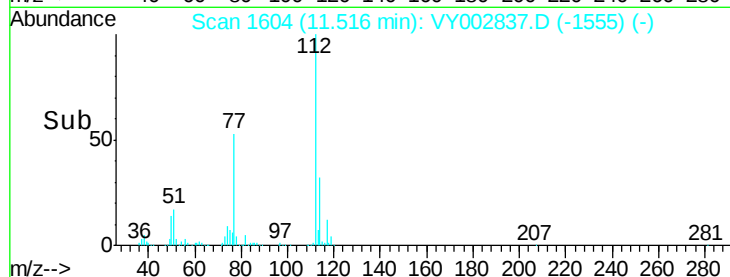
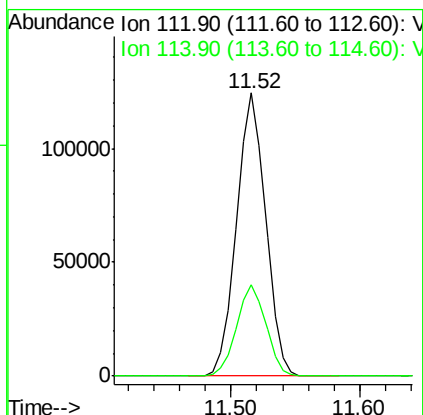
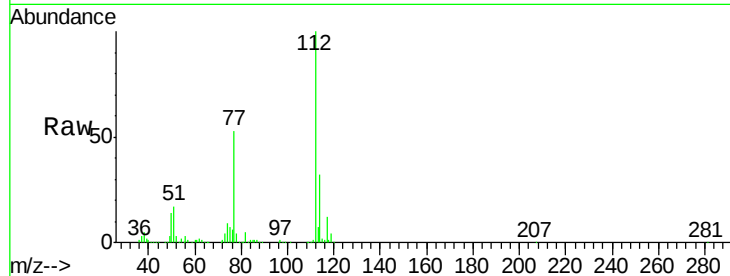




#65
Chlorobenzene
Concen: 21.28 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

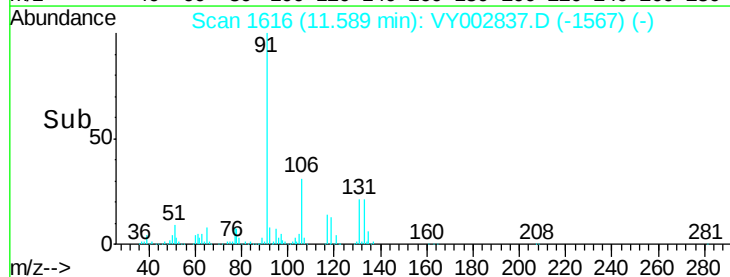
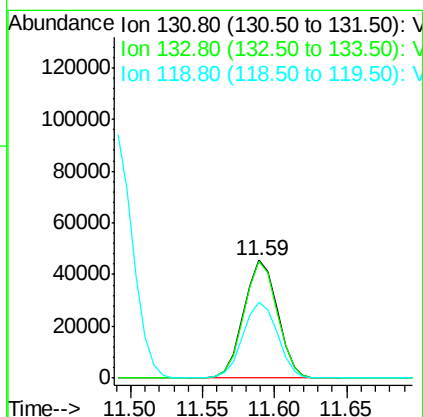
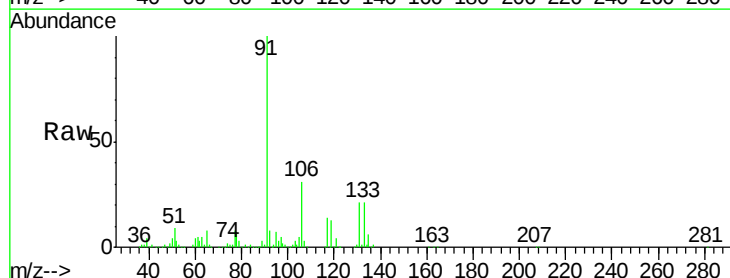
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

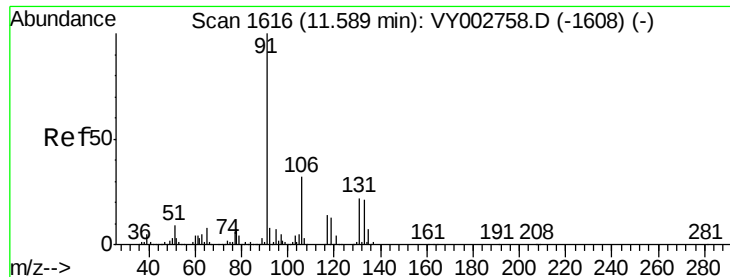
Tgt Ion:112 Resp: 195006
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.41 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

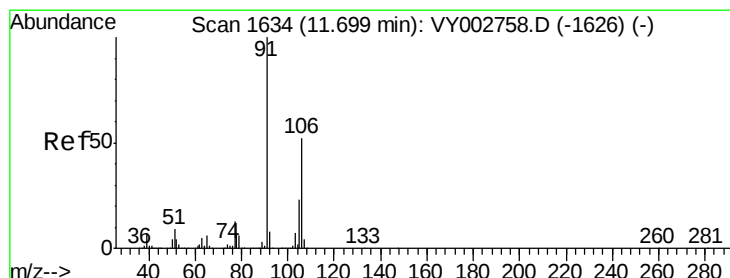
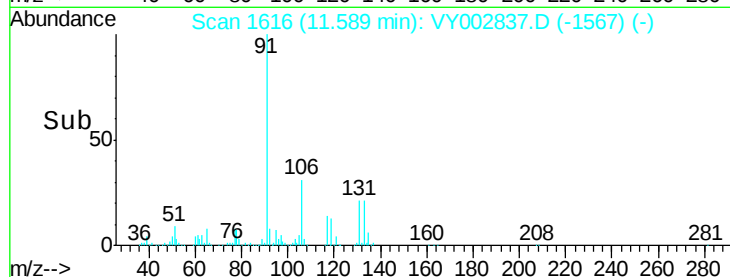
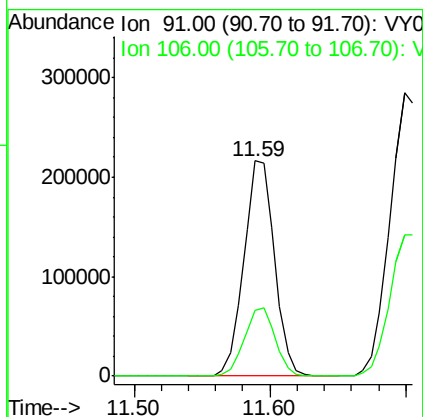
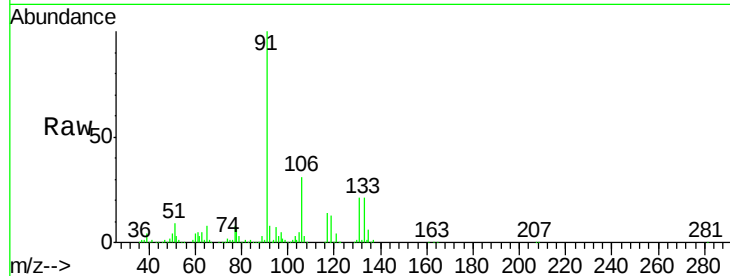




#67
Ethyl Benzene
Concen: 21.43 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

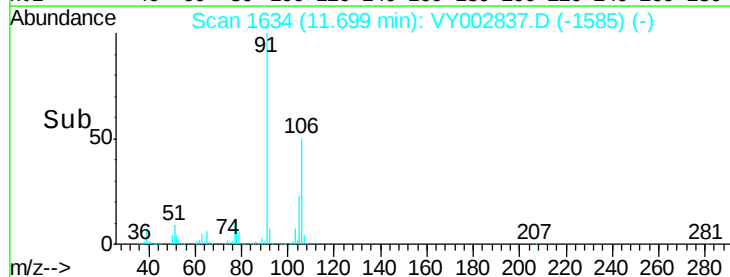
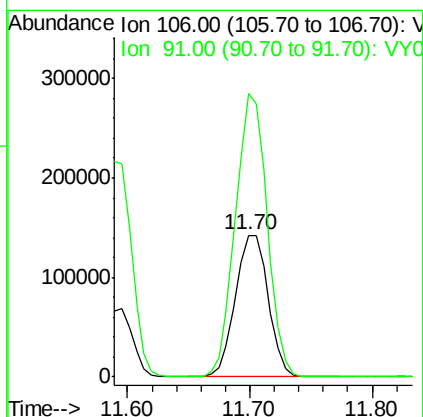
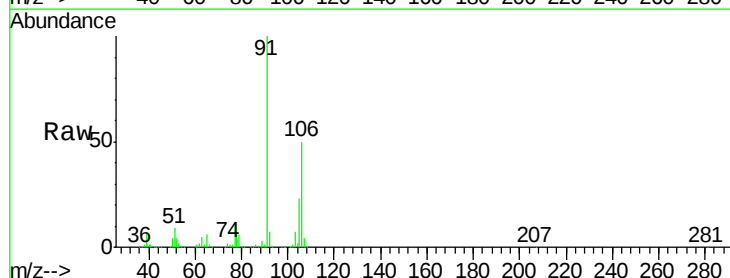
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

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



#68
m/p-Xylenes
Concen: 42.92 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

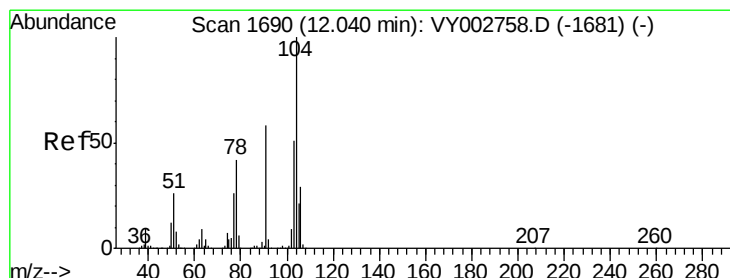
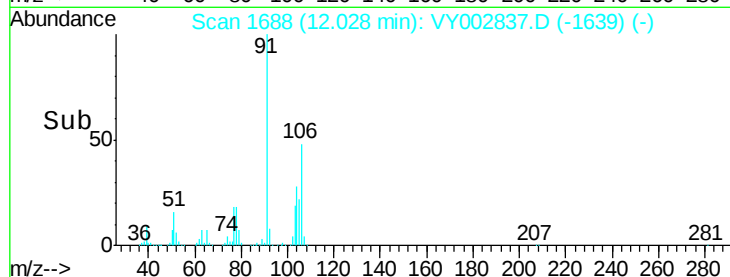
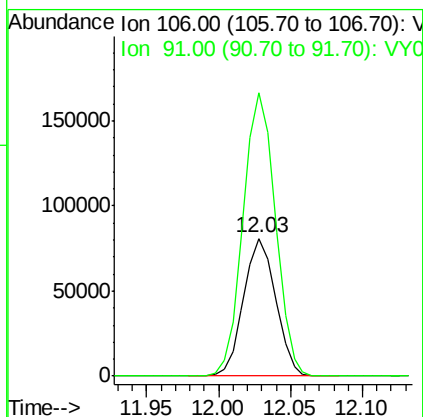
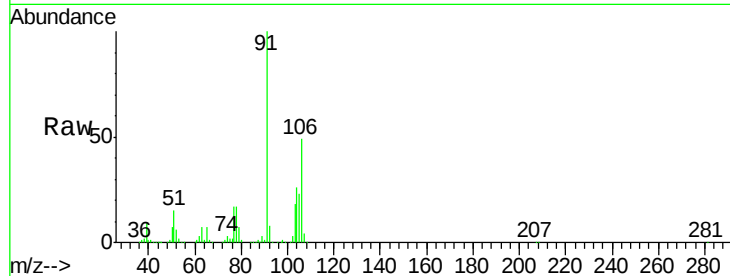




#69
o-Xylene
Concen: 21.58 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

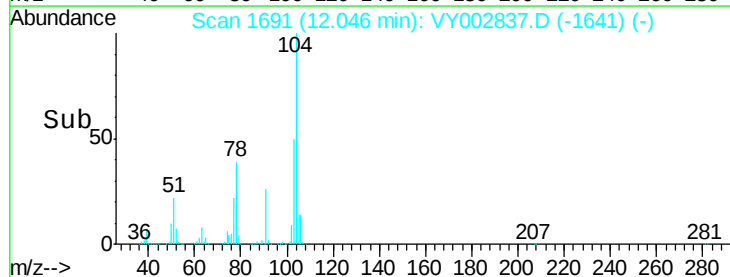
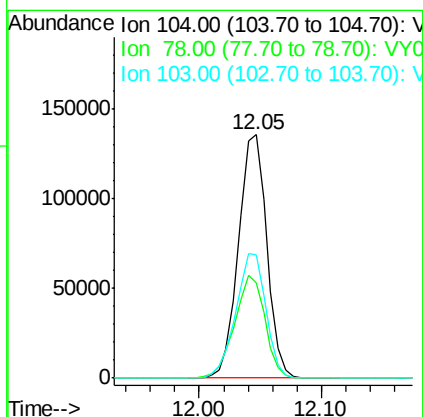
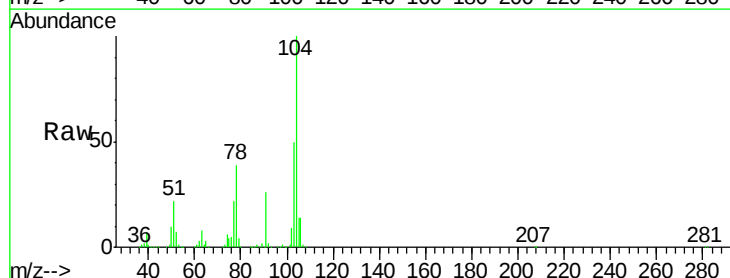
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

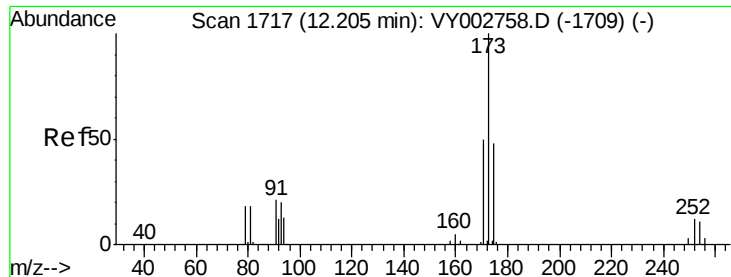
Tgt Ion:106 Resp: 125505
Ion Ratio Lower Upper
106 100
91 206.0 102.4 307.1



#70
Styrene
Concen: 21.55 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

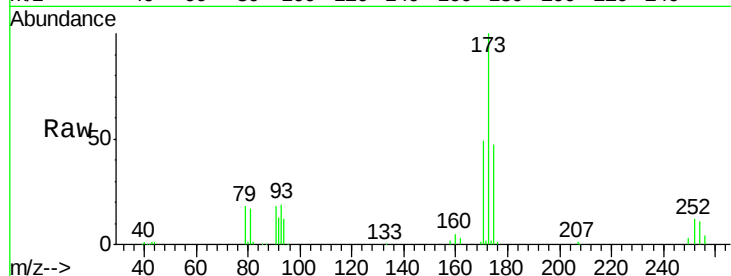




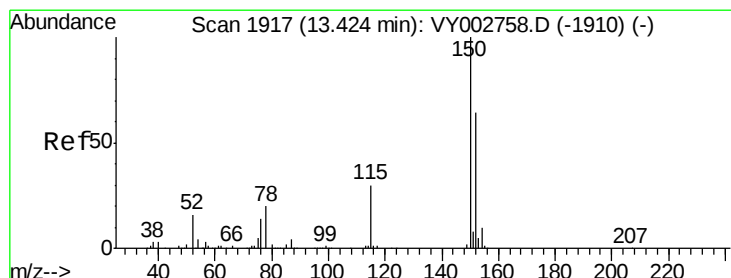
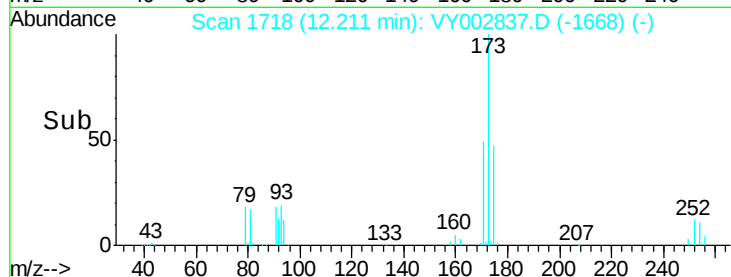
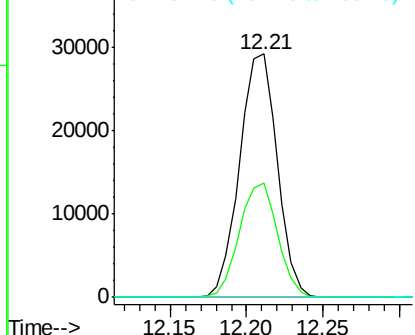
#71
Bromoform
Concen: 21.60 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

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

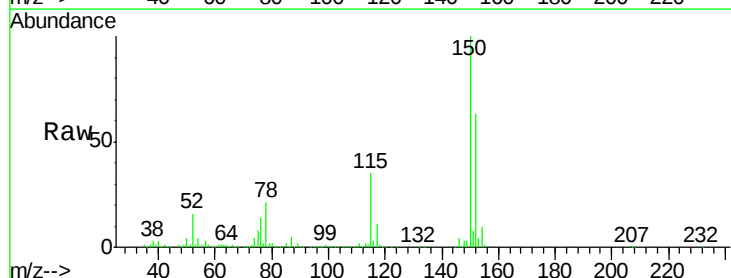


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

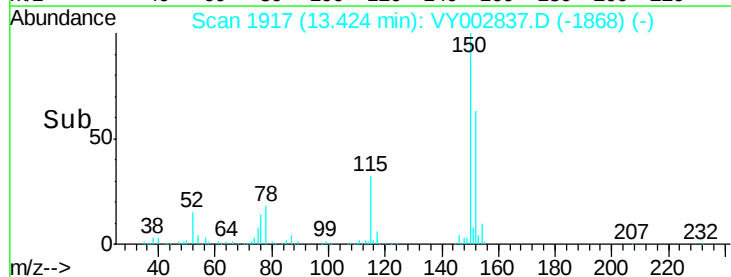
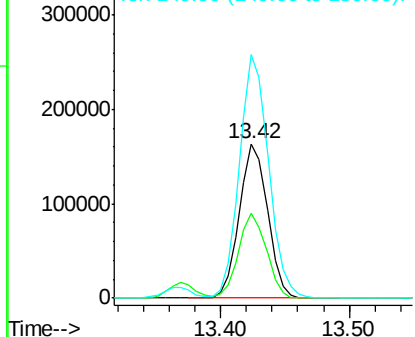


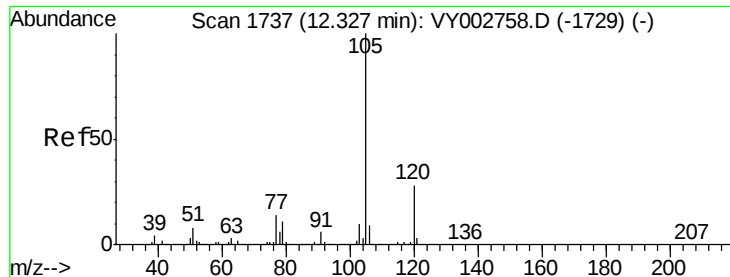
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002837.D
Acq: 04 Jun 2020 13:06

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: 21.55 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 :

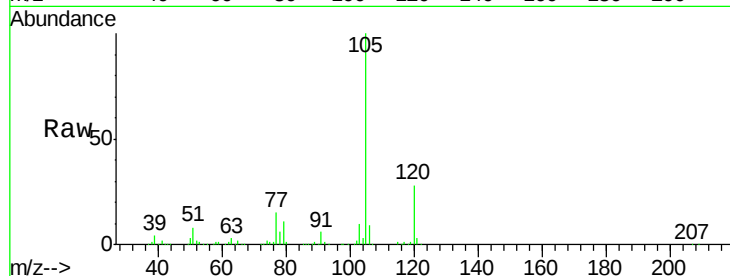
VY0604SBS01

Tgt 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

12.33

250000

200000

150000

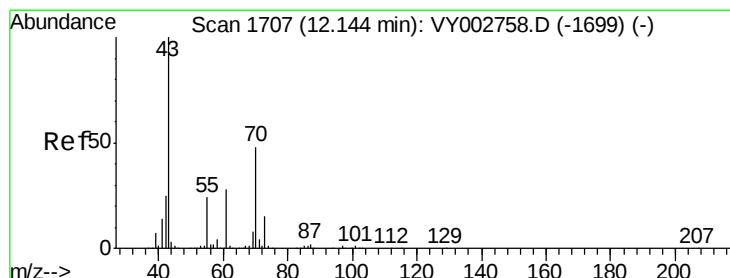
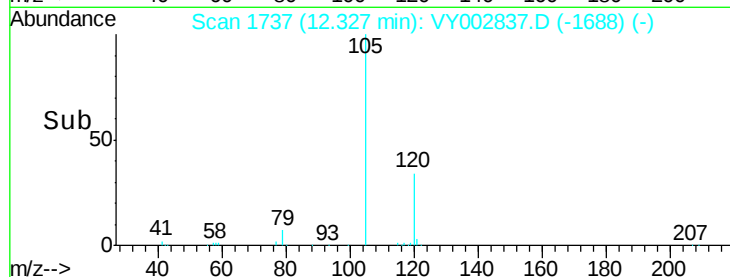
100000

50000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 22.25 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

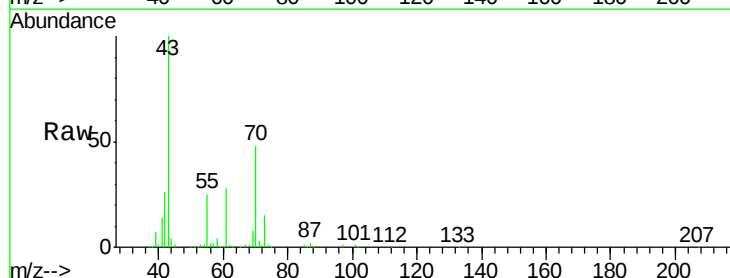
Ion Ratio Lower Upper

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

100000

80000

60000

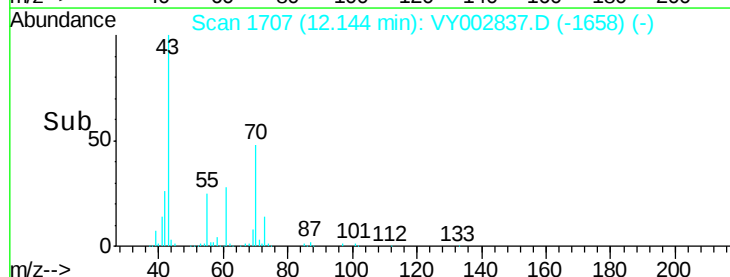
40000

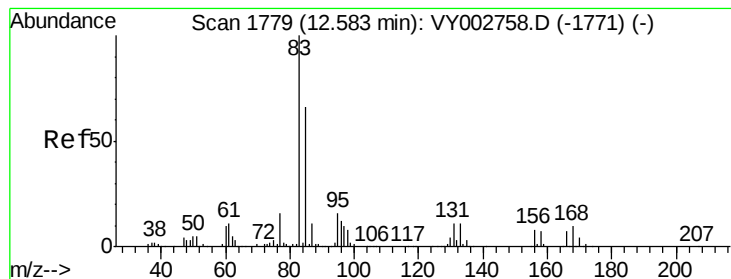
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 23.49 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

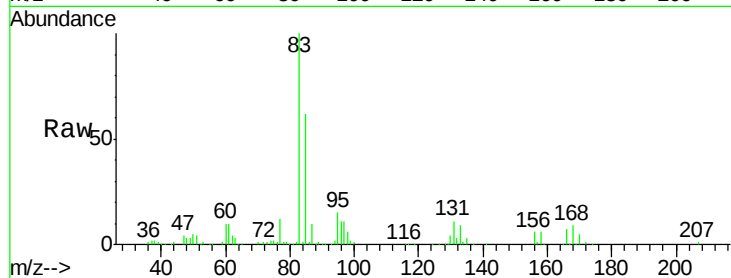
Tgt Ion: 83 Resp: 65502

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.4

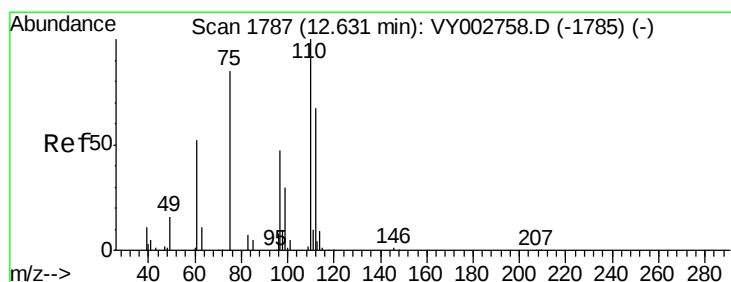
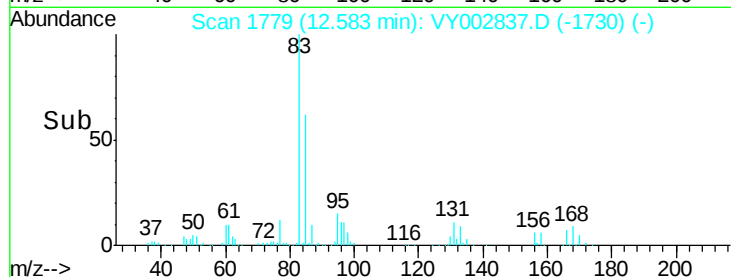
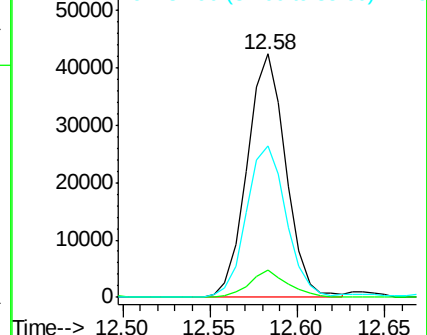
85 64.1 32.6 98.0



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: 40.78 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002837.D

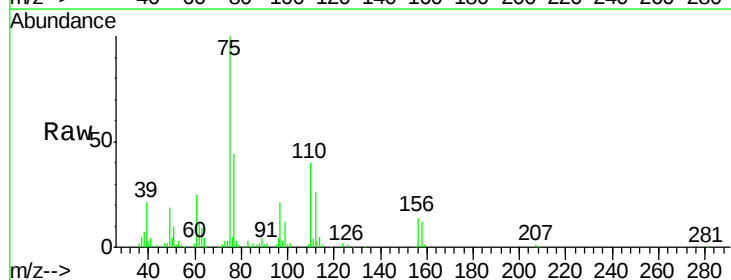
Acq: 04 Jun 2020 13:06

Tgt Ion: 75 Resp: 91124

Ion Ratio Lower Upper

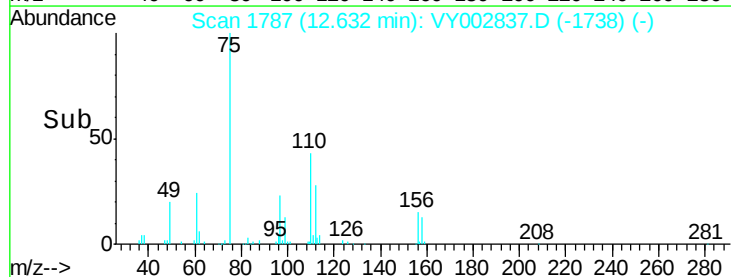
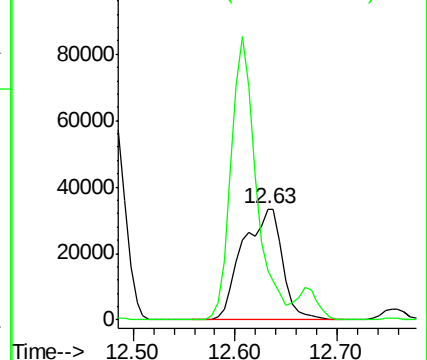
75 100

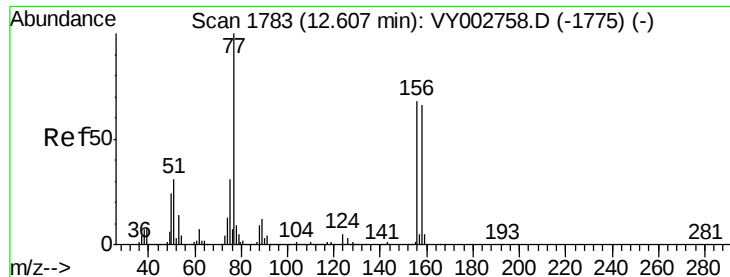
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.13 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

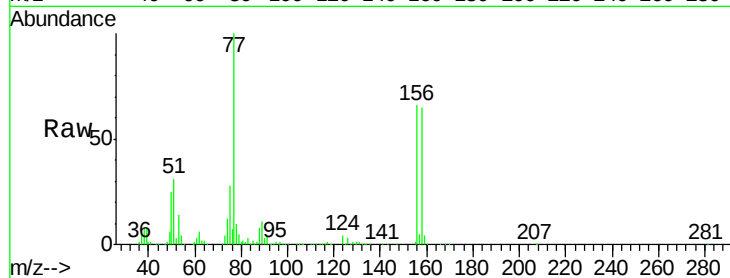
Tgt Ion:156 Resp: 87457

Ion Ratio Lower Upper

156 100

77 166.5 81.4 244.2

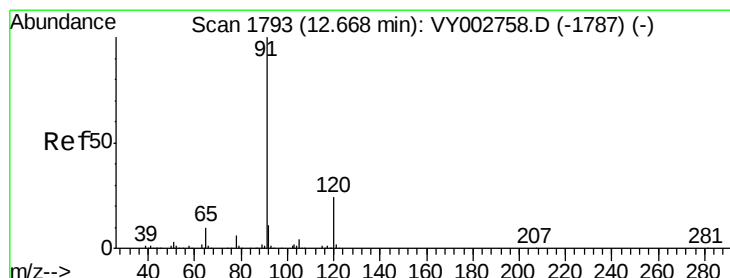
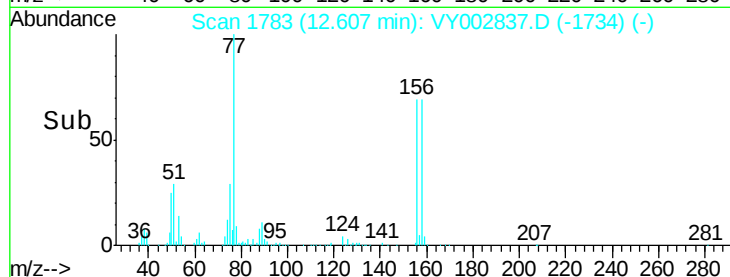
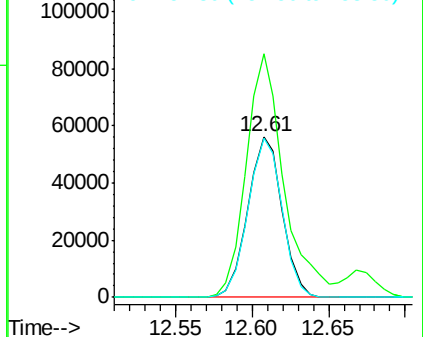
158 98.9 48.5 145.6



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: 21.84 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002837.D

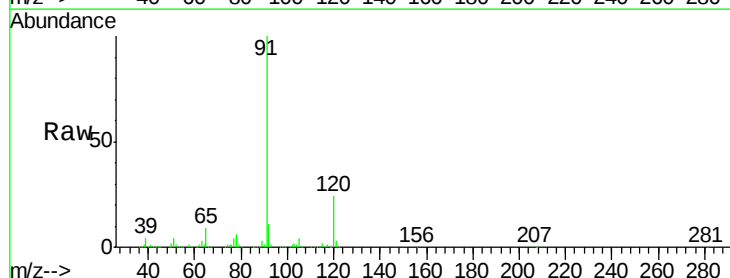
Acq: 04 Jun 2020 13:06

Tgt Ion: 91 Resp: 400987

Ion Ratio Lower Upper

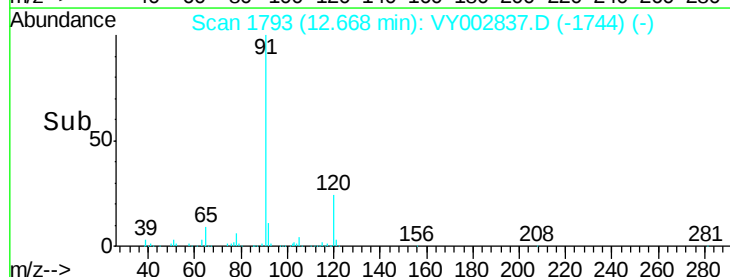
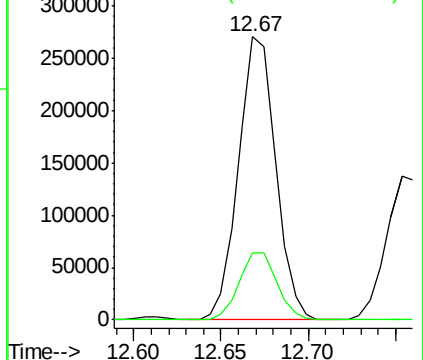
91 100

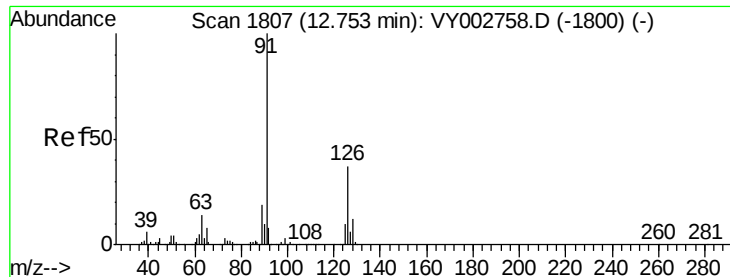
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.38 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 :

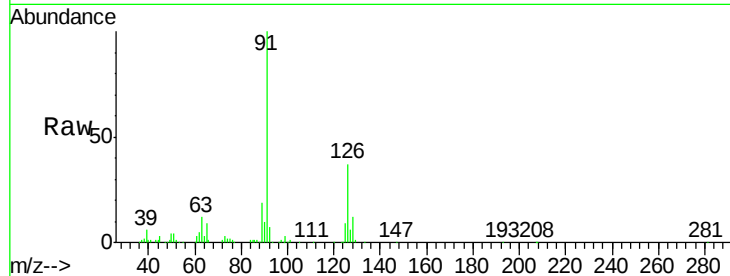
VY0604SBS01

Tgt Ion: 91 Resp: 220199

Ion Ratio Lower Upper

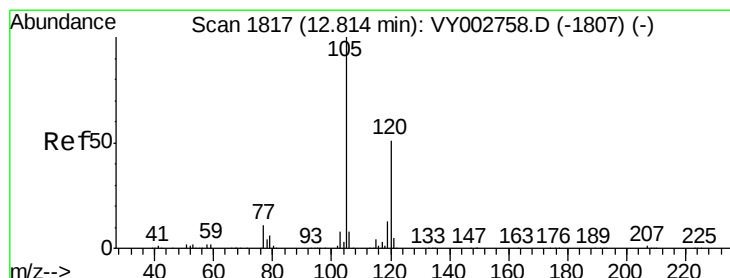
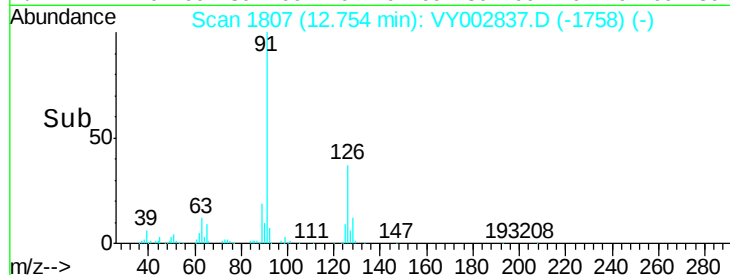
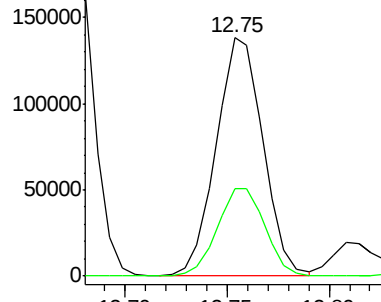
91 100

126 37.6 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.55 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002837.D

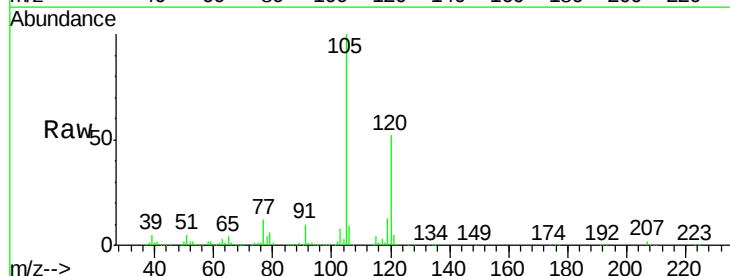
Acq: 04 Jun 2020 13:06

Tgt Ion: 105 Resp: 286000

Ion Ratio Lower Upper

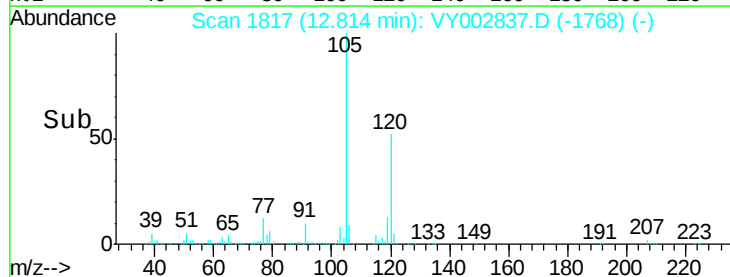
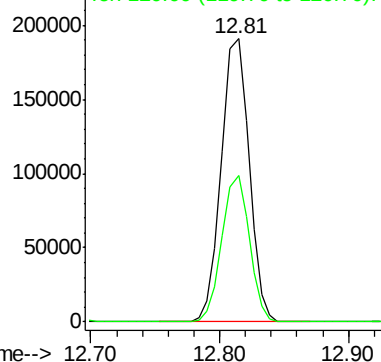
105 100

120 51.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.37 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

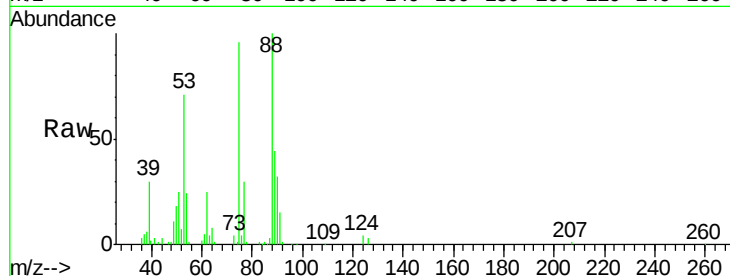
Tgt Ion: 75 Resp: 26533

Ion Ratio Lower Upper

75 100

53 78.9 64.0 96.0

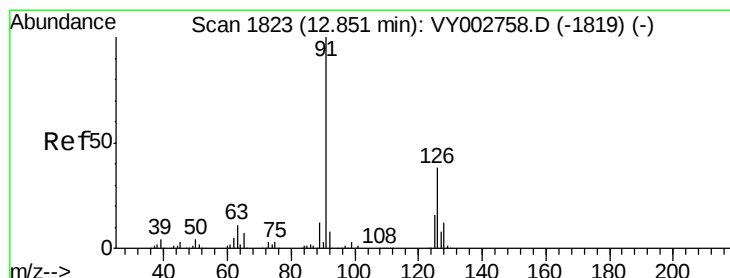
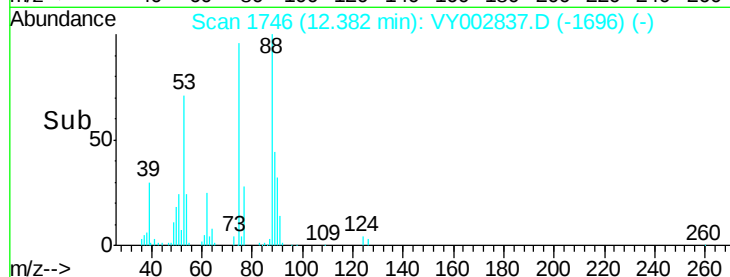
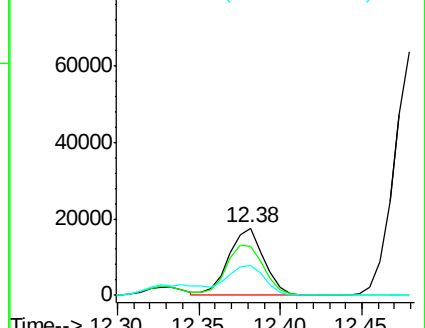
89 47.3 37.4 56.2



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: 21.68 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002837.D

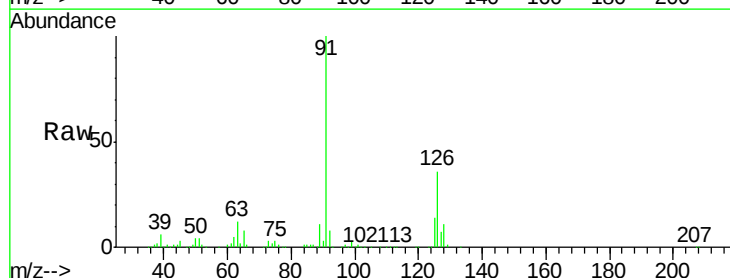
Acq: 04 Jun 2020 13:06

Tgt Ion: 91 Resp: 233903

Ion Ratio Lower Upper

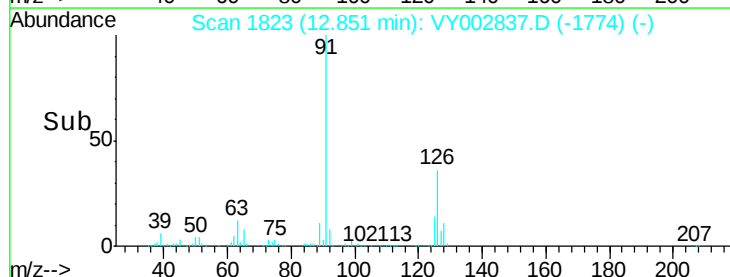
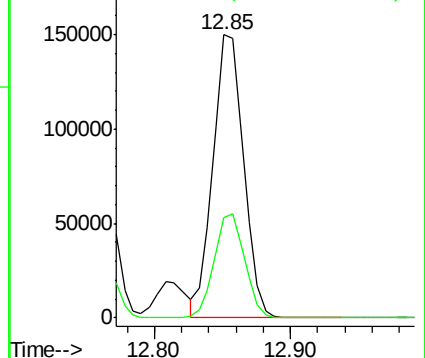
91 100

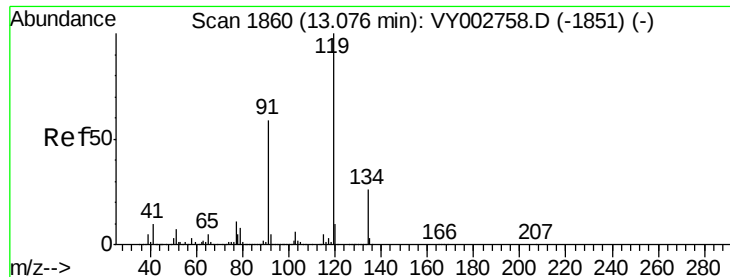
126 36.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

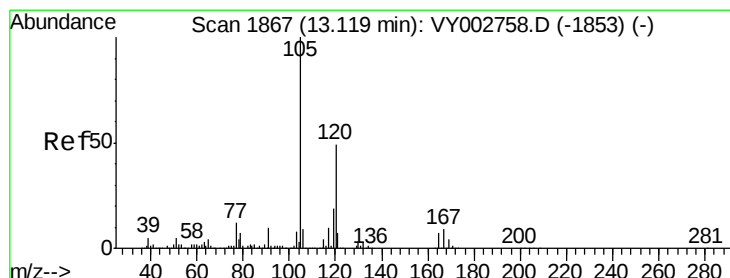
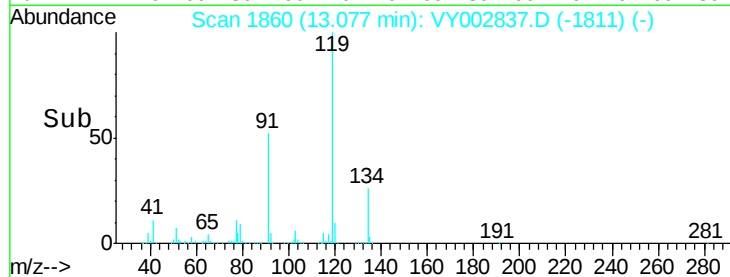
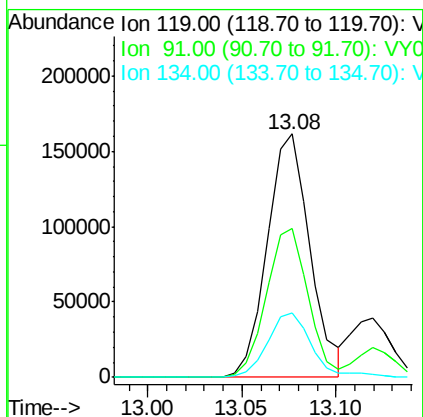
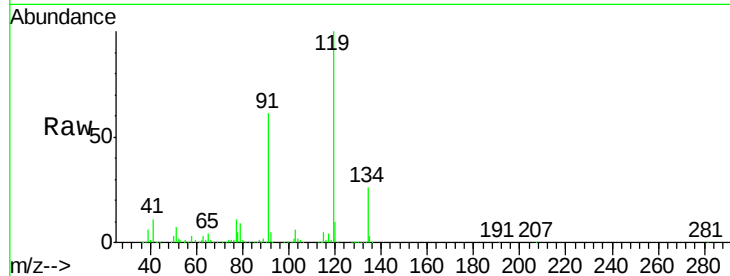




#83
 tert-Butylbenzene
 Concen: 21.47 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

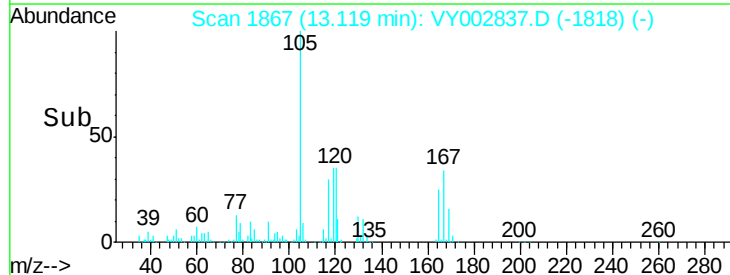
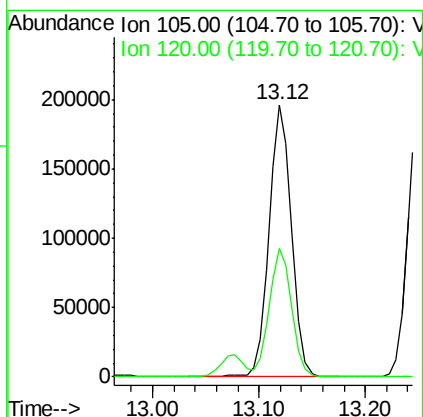
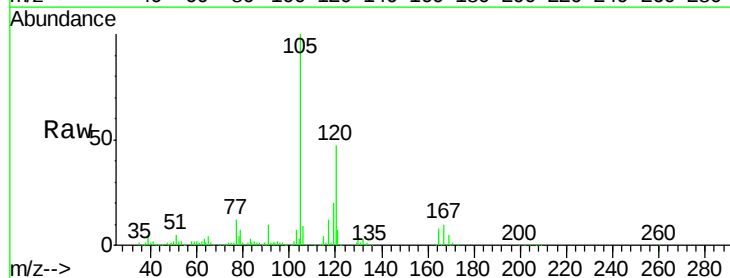
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

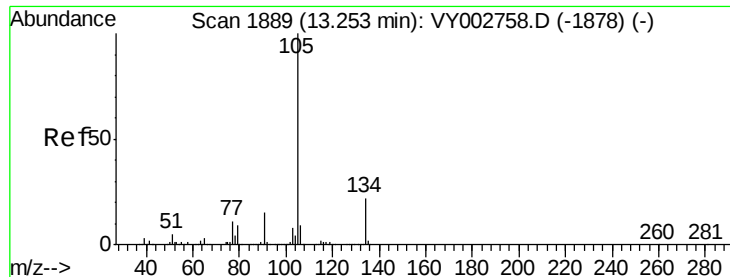
Tgt Ion:119 Resp: 254092
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.8 89.4
 134 27.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.62 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

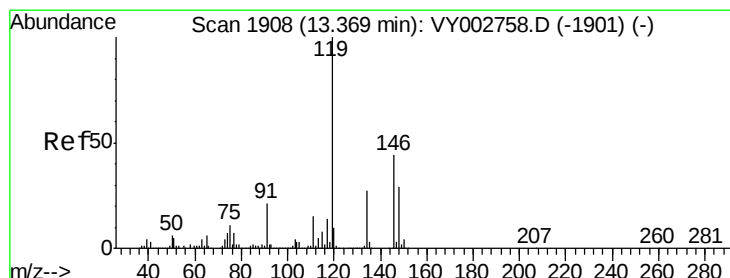
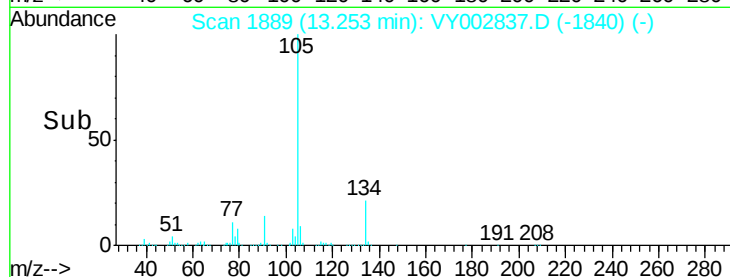
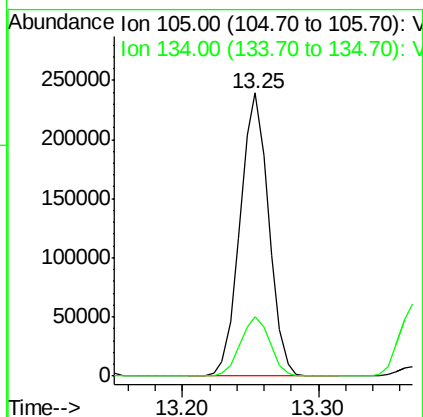
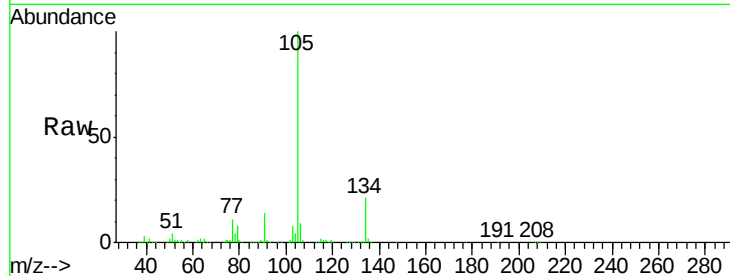




#85
 sec-Butylbenzene
 Concen: 21.72 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

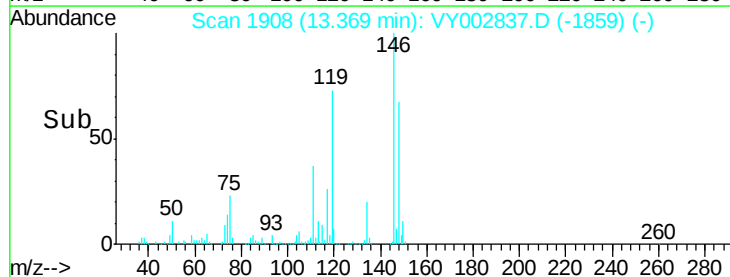
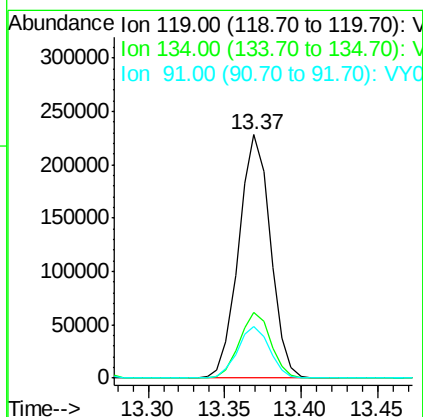
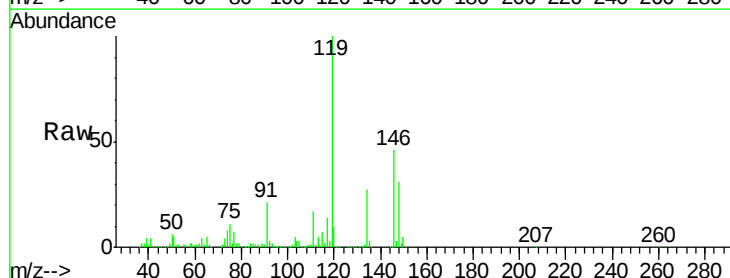
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

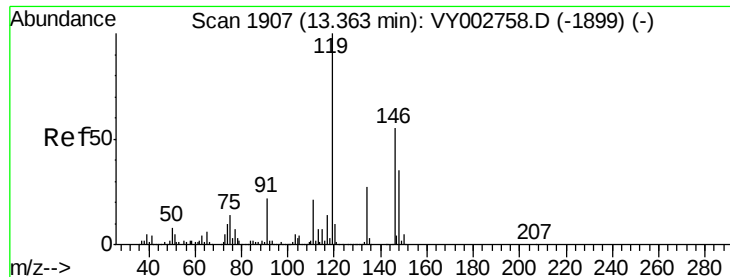
Tgt Ion:105 Resp: 351483
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 21.77 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

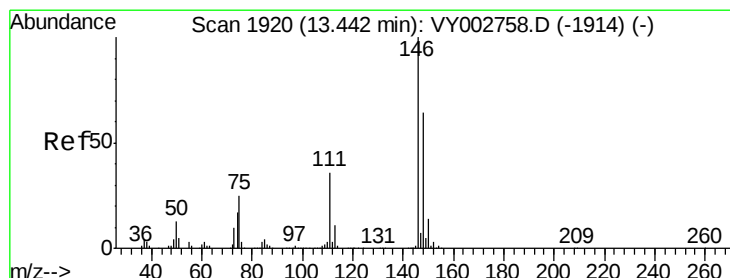
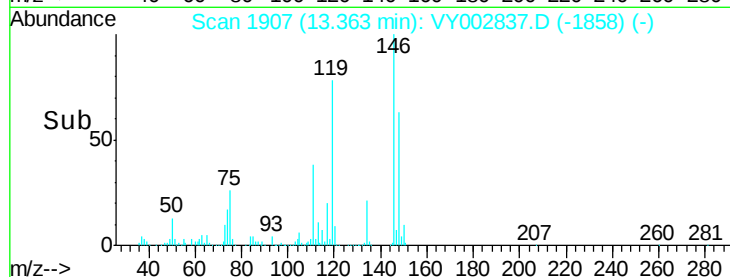
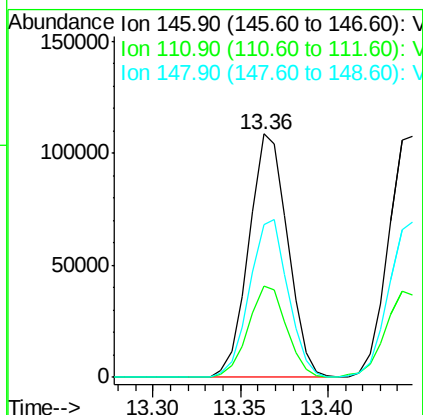
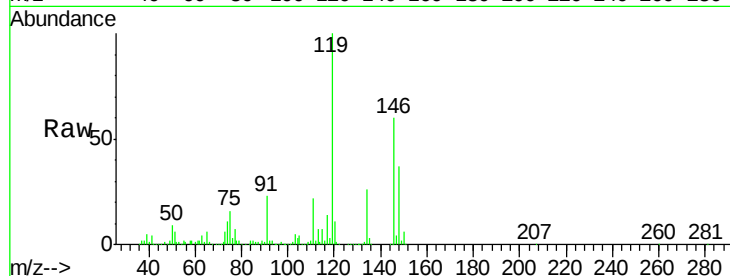




#87
 1,3-Dichlorobenzene
 Concen: 21.41 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

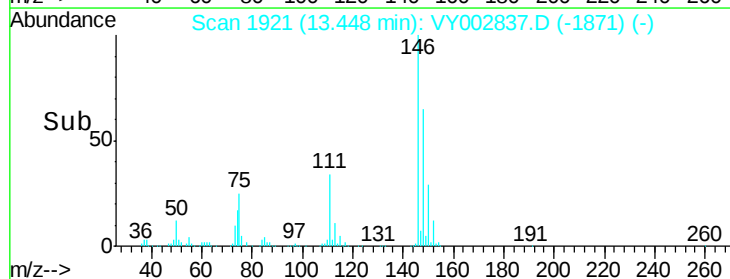
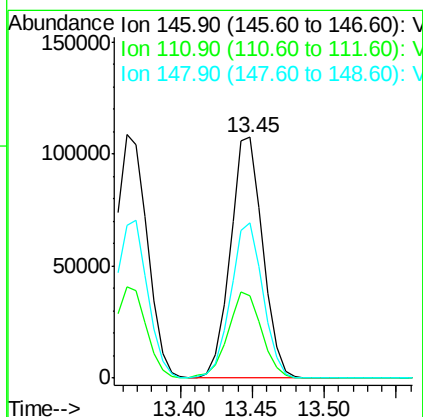
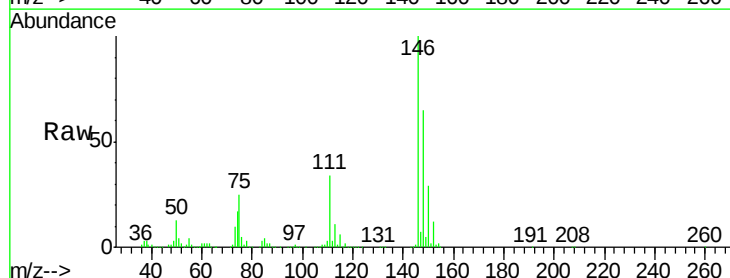
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Tgt 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: 21.55 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: 21.77 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

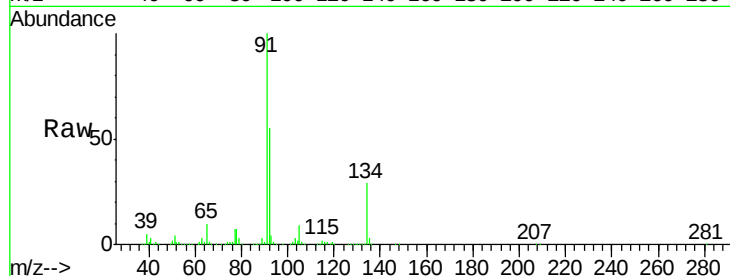
Tgt Ion: 91 Resp: 297670

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

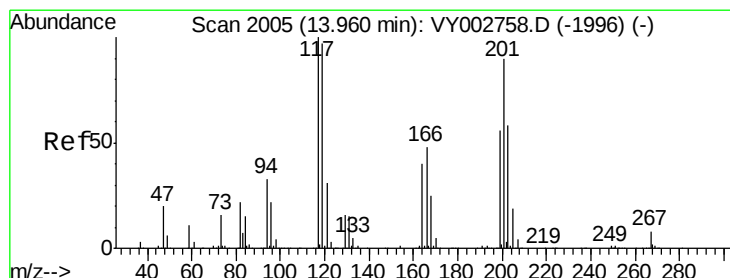
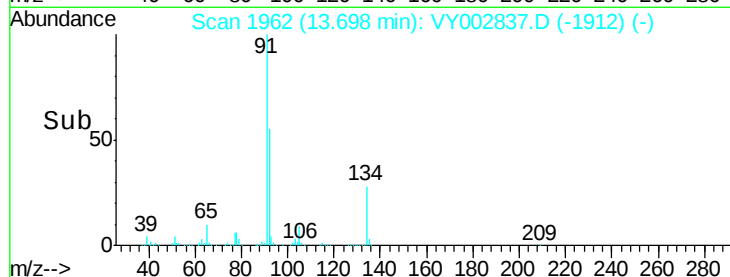
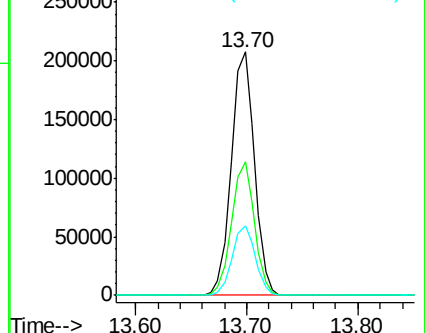
134 28.7 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): VY0



#90

Hexachloroethane

Concen: 21.88 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002837.D

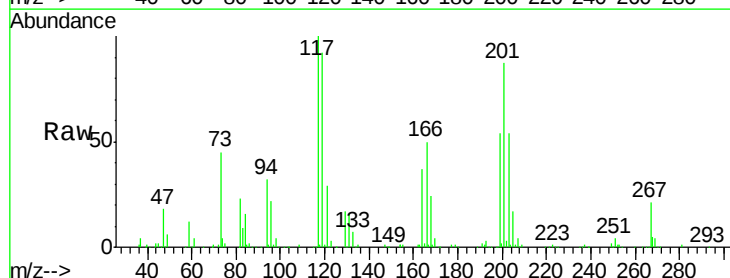
Acq: 04 Jun 2020 13:06

Tgt Ion: 117 Resp: 61671

Ion Ratio Lower Upper

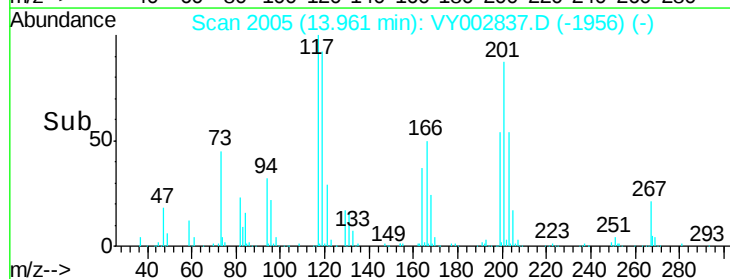
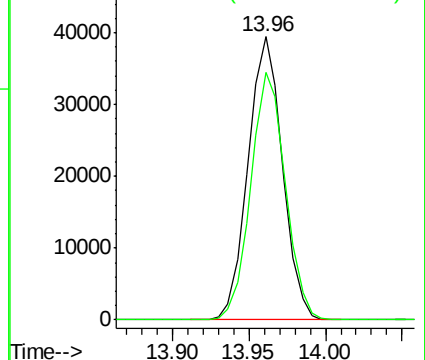
117 100

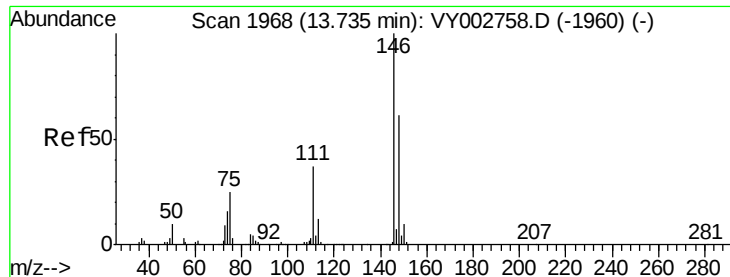
201 87.6 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

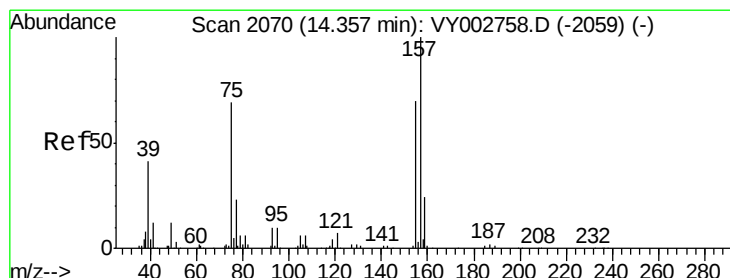
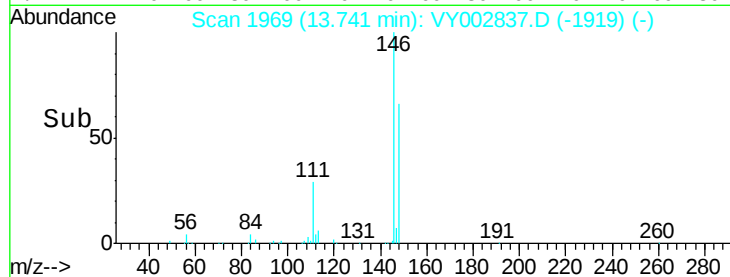
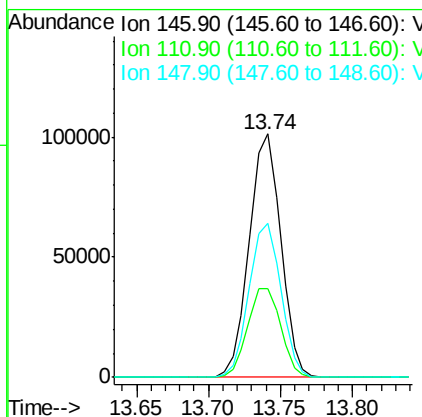
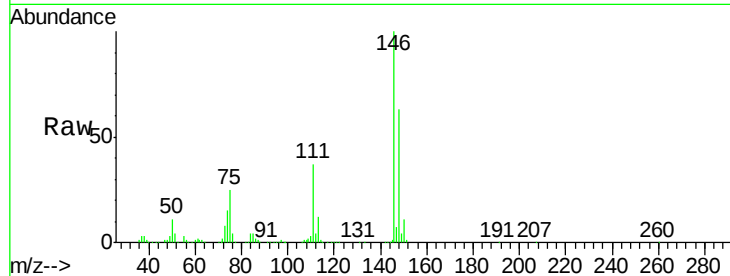




#91
 1,2-Dichlorobenzene
 Concen: 21.65 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

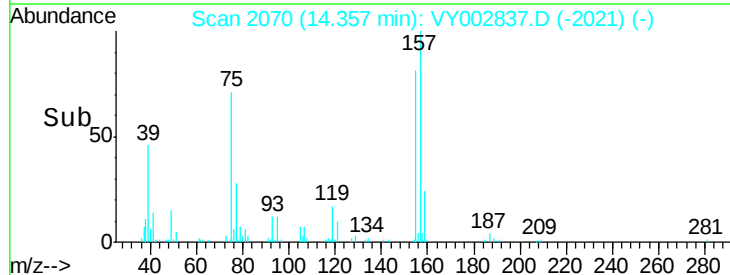
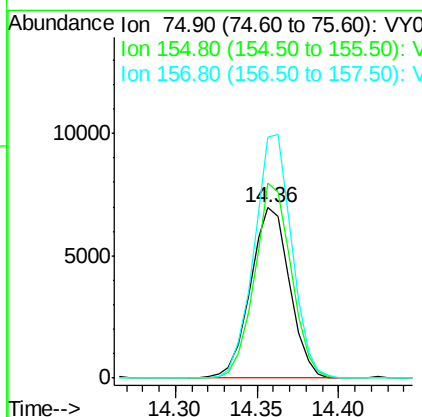
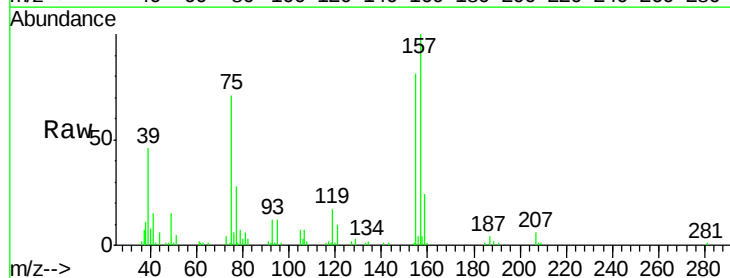
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

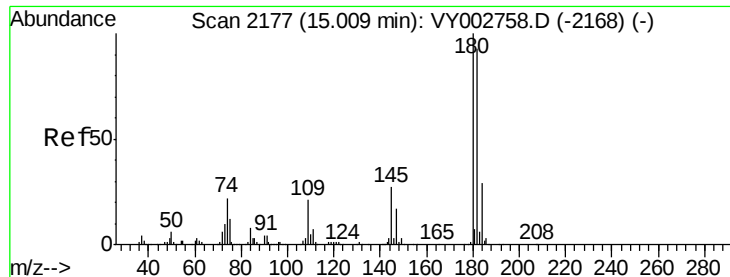
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.54 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

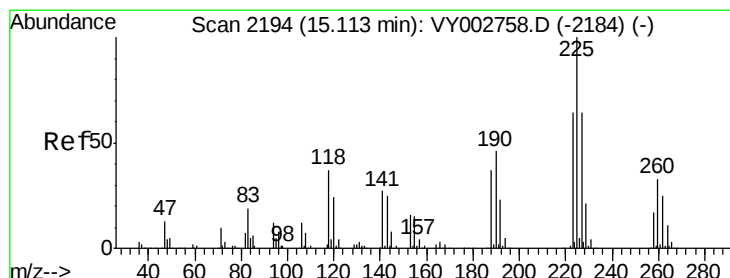
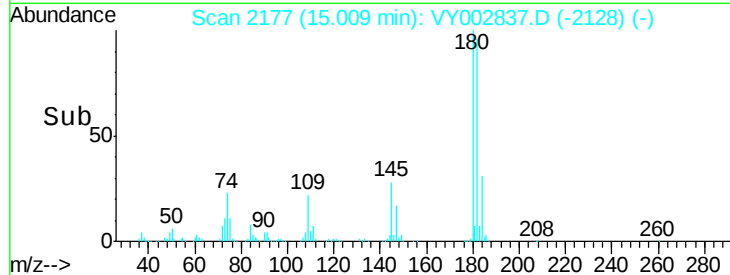
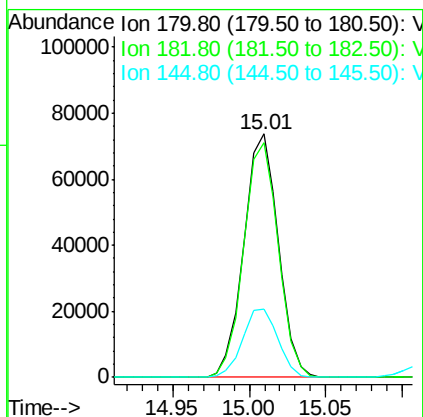
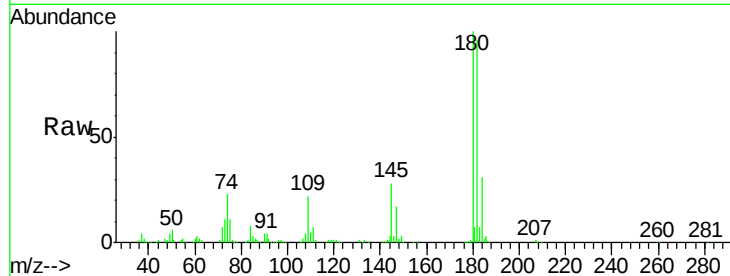




#93
 1,2,4-Trichlorobenzene
 Concen: 21.54 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002837.D
 Acq: 04 Jun 2020 13:06

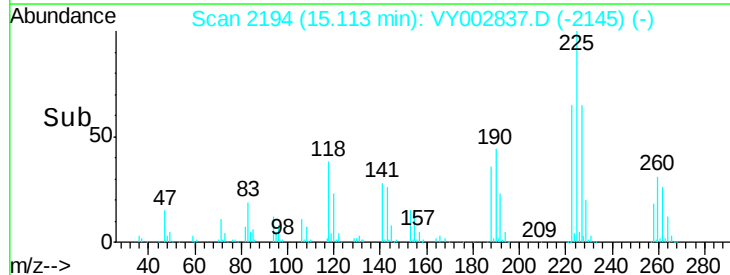
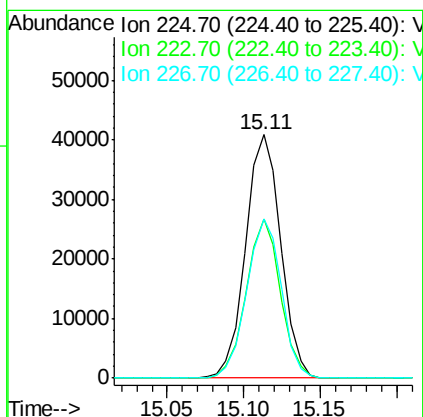
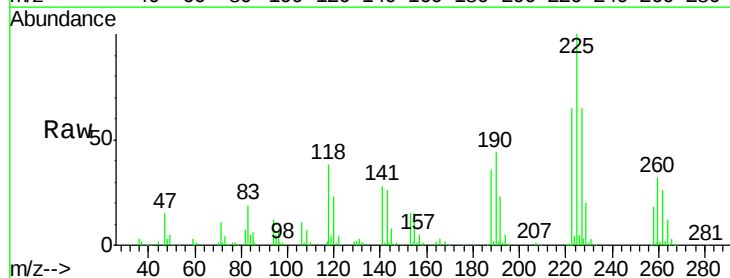
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

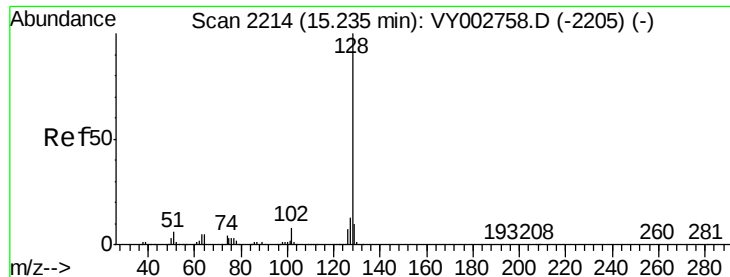
Tgt Ion:180 Resp: 115402
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 141.9
 145 29.0 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.39 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: 21.37 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

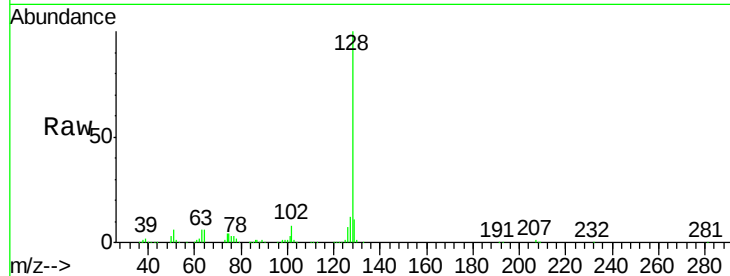
Tgt Ion:128 Resp: 229542

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

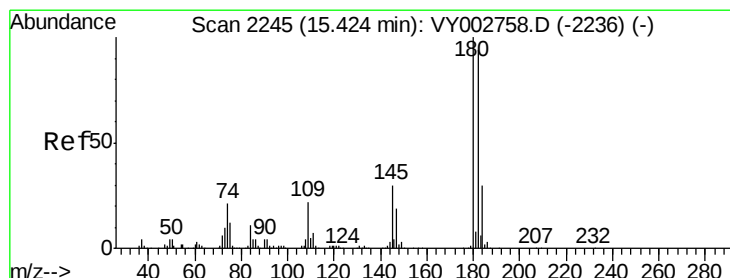
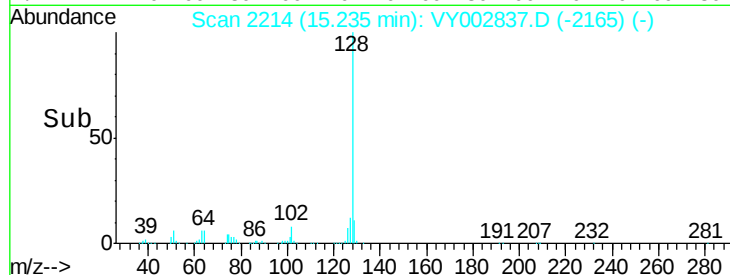
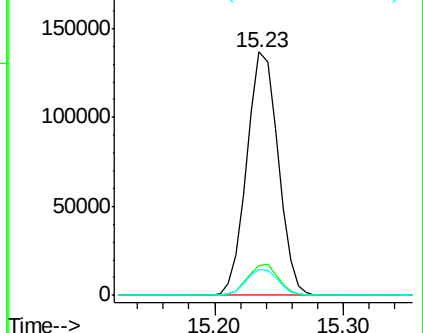
129 10.9 8.7 13.1



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: 21.79 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002837.D

Acq: 04 Jun 2020 13:06

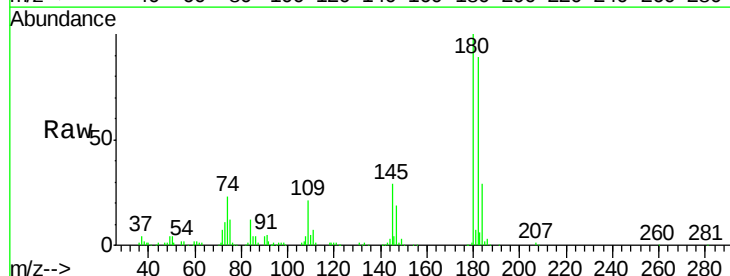
Tgt Ion:180 Resp: 104264

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

