

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
 Data File : VY002882.D
 Acq On : 11 Jun 2020 11:24
 Operator : SY/MD
 Sample : VY0611SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Quant Time: Jun 11 16:38:43 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	273448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	400567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	205332	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	117044	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.72	113	117357	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.18	98	462140	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.48	95	162614	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	40064	21.29	ug/l	96
3) Chloromethane	2.11	50	43172	20.74	ug/l	98
4) Vinyl Chloride	2.26	62	48095	21.86	ug/l	97
5) Bromomethane	2.65	94	34504	20.93	ug/l	99
6) Chloroethane	2.79	64	29918	20.98	ug/l	100
7) Trichlorofluoromethane	3.13	101	85476	21.94	ug/l	98
8) Diethyl Ether	3.54	74	30758	20.22	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51168	22.12	ug/l	99
10) Methyl Iodide	4.10	142	63449	19.60	ug/l	99
11) Tert butyl alcohol	4.97	59	29333	107.68	ug/l	98
12) 1,1-Dichloroethene	3.88	96	50492	21.71	ug/l	99
13) Acrolein	3.74	56	21936	78.84	ug/l	99
14) Allyl chloride	4.49	41	70980	21.27	ug/l	99
15) Acrylonitrile	5.18	53	74577	108.67	ug/l	98
16) Acetone	3.96	43	61306	110.12	ug/l	98
17) Carbon Disulfide	4.20	76	138984	19.77	ug/l	98
18) Methyl Acetate	4.49	43	35785	25.13	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	139740	21.76	ug/l	97
20) Methylene Chloride	4.72	84	63169	23.22	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	55247	21.12	ug/l	99
22) Diisopropyl ether	6.12	45	150754	21.74	ug/l	93
23) Vinyl Acetate	6.07	43	493251	107.76	ug/l	99
24) 1,1-Dichloroethane	6.02	63	87873	21.67	ug/l	100
25) 2-Butanone	6.99	43	93422	107.70	ug/l	100
26) 2,2-Dichloropropane	6.99	77	83178	21.38	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	62476	21.33	ug/l	99
28) Bromochloromethane	7.34	49	38980	23.41	ug/l	99
29) Tetrahydrofuran	7.36	42	61836	109.60	ug/l	99
30) Chloroform	7.52	83	93523	21.73	ug/l	97
31) Cyclohexane	7.78	56	82439	20.47	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	86865	21.66	ug/l	99
36) 1,1-Dichloropropene	7.92	75	71917	21.31	ug/l	99
37) Ethyl Acetate	7.08	43	42009	22.88	ug/l	100
38) Carbon Tetrachloride	7.90	117	81724	21.80	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	92721	20.85	ug/l	100
40) Benzene	8.16	78	214743	21.54	ug/l	99
41) Methacrylonitrile	7.35	41	55225	55.99	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	61369	21.96	ug/l	99
43) Isopropyl Acetate	8.28	43	75799	21.79	ug/l	100
44) Trichloroethene	8.94	130	66781	21.20	ug/l	97
45) 1,2-Dichloropropane	9.22	63	52497	21.96	ug/l	99
46) Dibromomethane	9.31	93	30852	21.73	ug/l	98
47) Bromodichloromethane	9.50	83	73449	21.94	ug/l	98
48) Methyl methacrylate	9.30	41	34093	21.71	ug/l	99
49) 1,4-Dioxane	9.30	88	9224	423.06	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	208321	113.08	ug/l	100
52) Toluene	10.24	92	141016	21.62	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	80916	22.13	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	90614	21.87	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	47617	21.90	ug/l	98
56) Ethyl methacrylate	10.51	69	63940	21.96	ug/l	100
57) 1,3-Dichloropropane	10.79	76	78837	22.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	153814	108.11	ug/l	100
59) 2-Hexanone	10.83	43	146436	112.03	ug/l	100
60) Dibromochloromethane	10.99	129	60793	22.06	ug/l	100
61) 1,2-Dibromoethane	11.09	107	47553	22.17	ug/l	99
64) Tetrachloroethene	10.72	164	71043	20.94	ug/l	98
65) Chlorobenzene	11.52	112	158981	21.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	60215	21.67	ug/l	99
67) Ethyl Benzene	11.59	91	275683	21.56	ug/l	100
68) m/p-Xylenes	11.70	106	214356	43.23	ug/l	99
69) o-Xylene	12.03	106	101660	21.72	ug/l	100
70) Styrene	12.05	104	176525	21.75	ug/l	100
71) Bromoform	12.21	173	41555	22.35	ug/l #	99
73) Isopropylbenzene	12.33	105	277421	21.08	ug/l	99
74) N-amyl acetate	12.14	43	72003	21.33	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	51181	22.17	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	75051	40.56	ug/l #	100
77) Bromobenzene	12.61	156	74223	21.66	ug/l	97
78) n-propylbenzene	12.67	91	323118	21.26	ug/l	100
79) 2-Chlorotoluene	12.75	91	178752	20.96	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	237390	21.61	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	21267	21.66	ug/l	99
82) 4-Chlorotoluene	12.86	91	192159	21.51	ug/l	100
83) tert-Butylbenzene	13.08	119	208740	21.30	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	237542	21.50	ug/l	100
85) sec-Butylbenzene	13.25	105	288933	21.56	ug/l	99
86) p-Isopropyltoluene	13.37	119	270911	21.73	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	140272	21.61	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	138580	21.35	ug/l	99
89) n-Butylbenzene	13.70	91	244812	21.63	ug/l	100
90) Hexachloroethane	13.96	117	50157	21.49	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	126139	21.43	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9800	22.06	ug/l	95

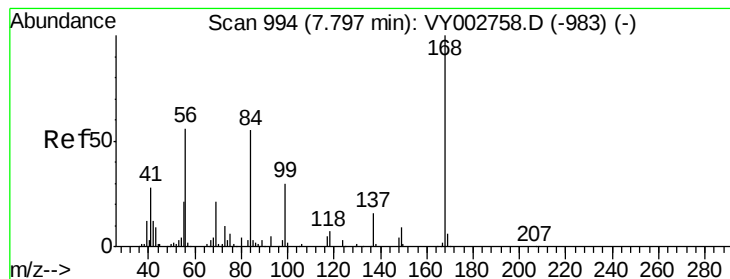
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
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QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	96670	21.79	ug/l	99
94) Hexachlorobutadiene	15.11	225	55489	22.05	ug/l	98
95) Naphthalene	15.24	128	191749	21.56	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	85573	21.60	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: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

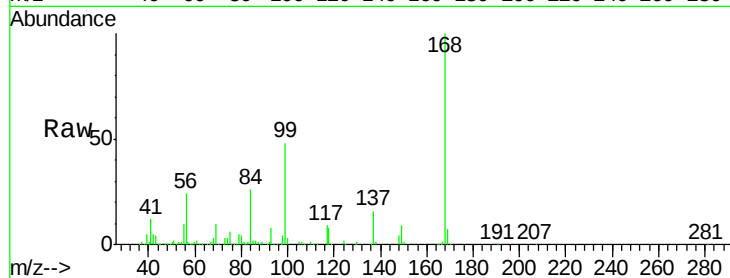
VY0611SBS01

Tgt Ion:168 Resp: 273448

Ion Ratio Lower Upper

168 100

99 48.4 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

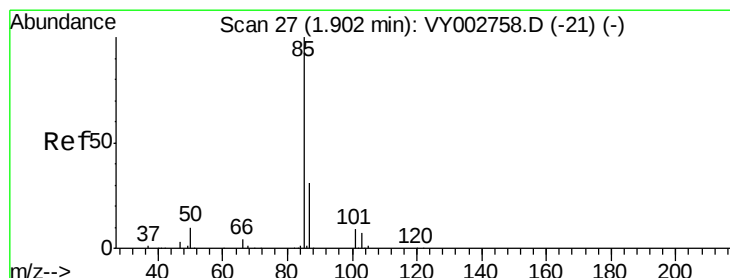
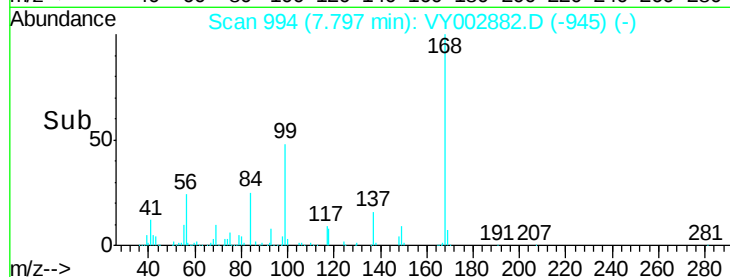
100000

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: VY002882.D

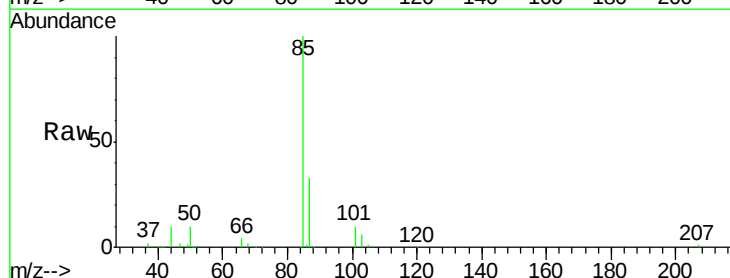
Acq: 11 Jun 2020 11:24

Tgt Ion: 85 Resp: 40064

Ion Ratio Lower Upper

85 100

87 33.4 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

30000

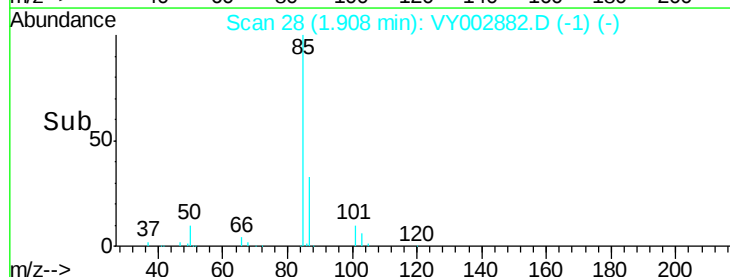
20000

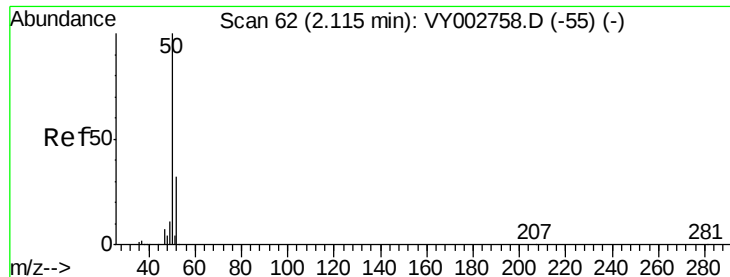
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.74 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

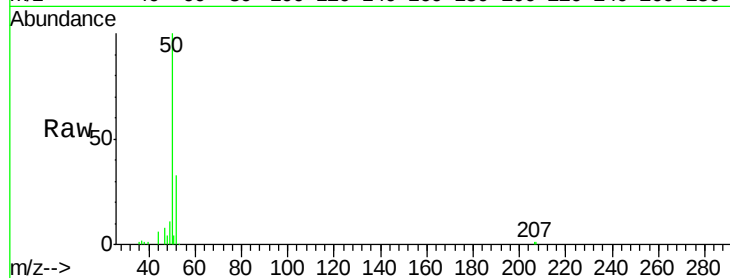
VY0611SBS01

Tgt Ion: 50 Resp: 43172

Ion Ratio Lower Upper

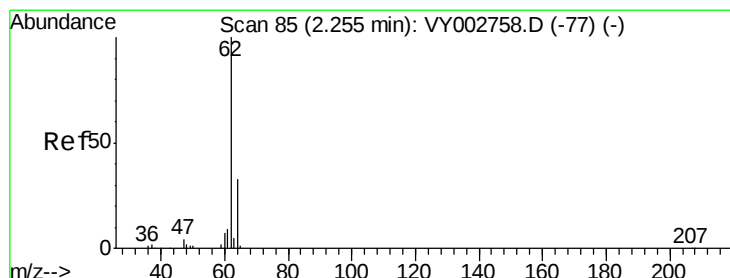
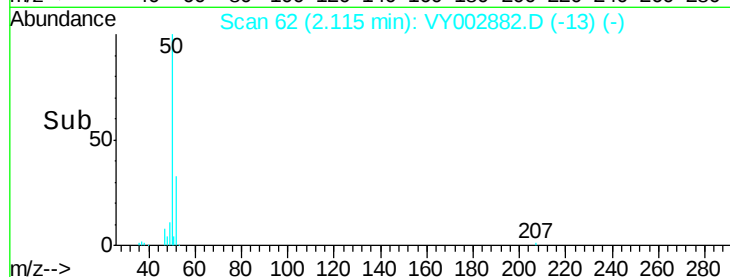
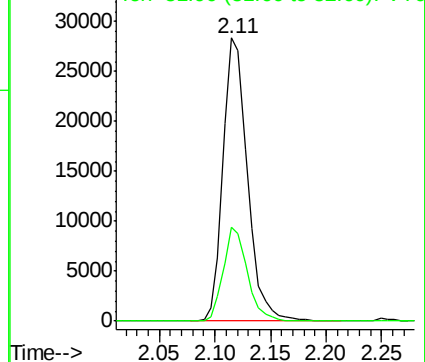
50 100

52 33.1 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: 21.86 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002882.D

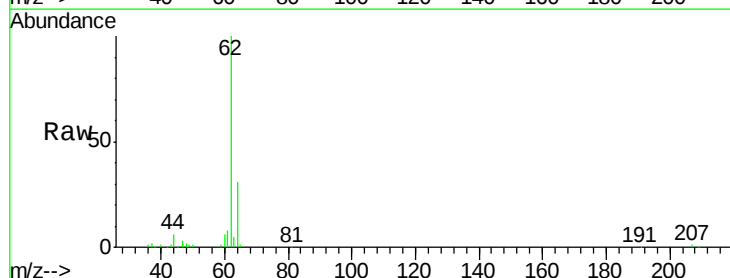
Acq: 11 Jun 2020 11:24

Tgt Ion: 62 Resp: 48095

Ion Ratio Lower Upper

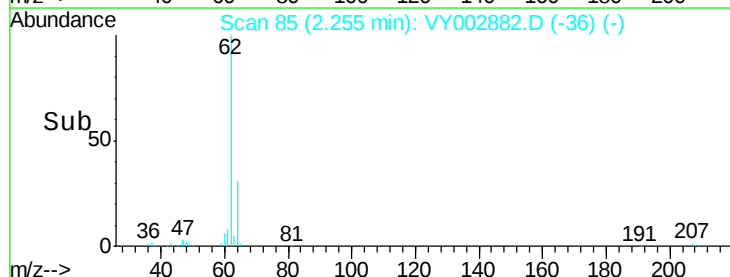
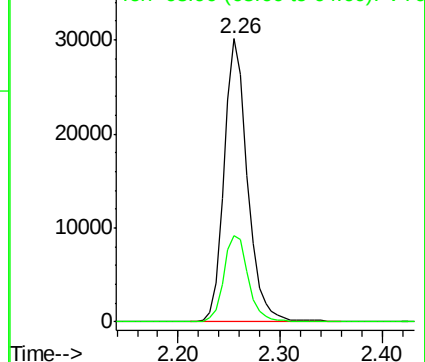
62 100

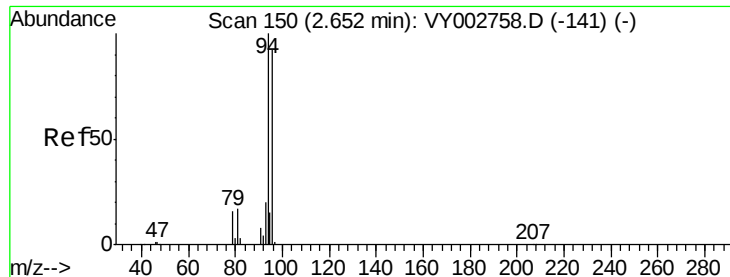
64 30.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.93 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

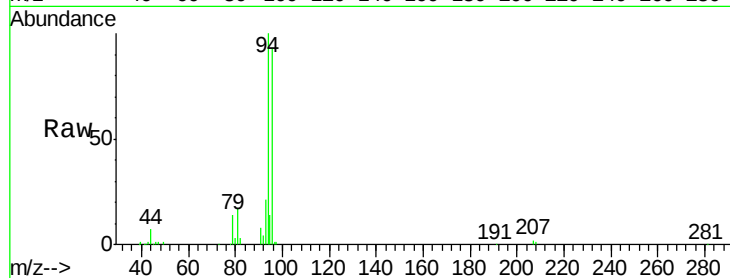
VY0611SBS01

Tgt Ion: 94 Resp: 34504

Ion Ratio Lower Upper

94 100

96 92.9 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

20000

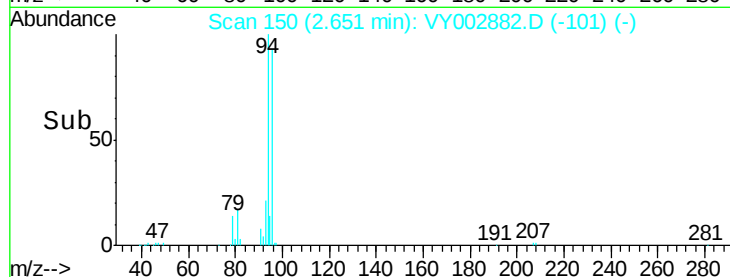
15000

10000

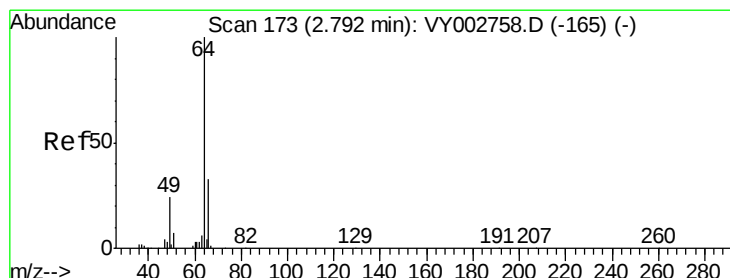
5000

0

Time-->



Time-->



#6

Chloroethane

Concen: 20.98 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY002882.D

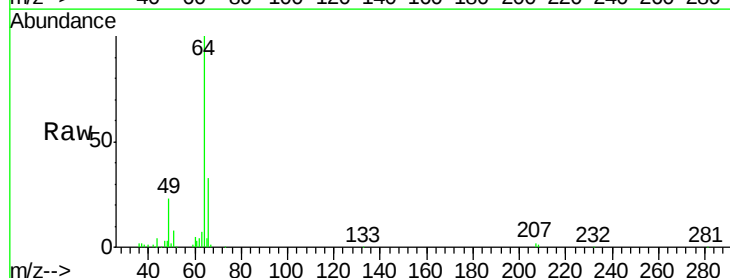
Acq: 11 Jun 2020 11:24

Tgt Ion: 64 Resp: 29918

Ion Ratio Lower Upper

64 100

66 33.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

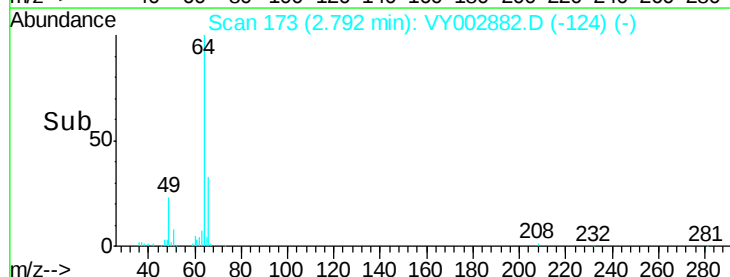
15000

10000

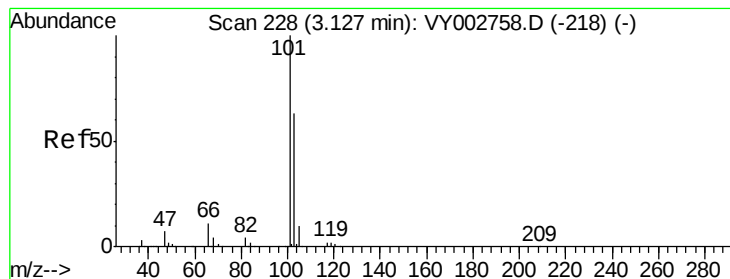
5000

0

Time-->



Time-->



#7

Trichlorofluoromethane

Concen: 21.94 ug/l

RT: 3.13 min Scan# 228

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

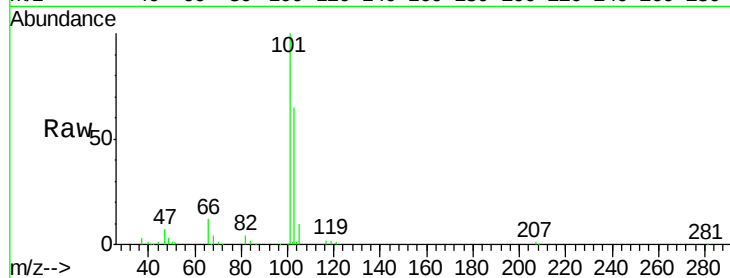
VY0611SBS01

Tgt Ion:101 Resp: 85476

Ion Ratio Lower Upper

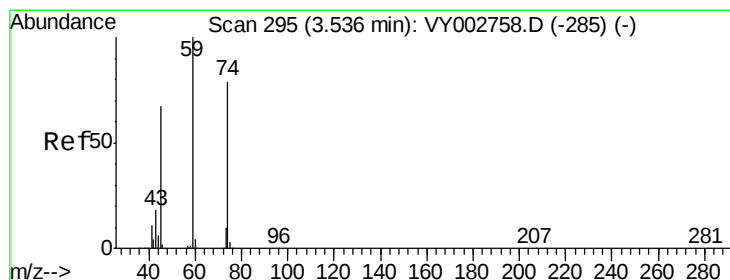
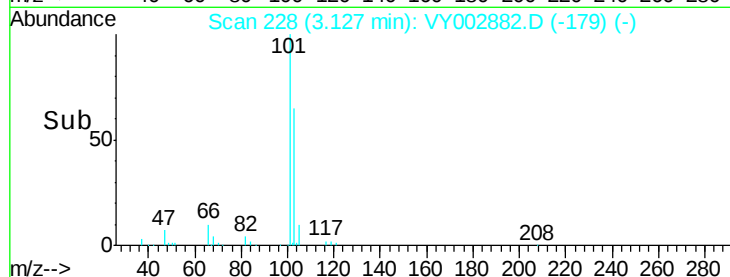
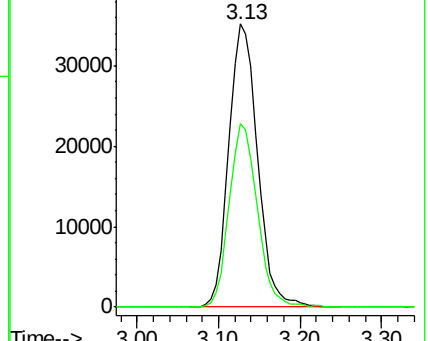
101 100

103 64.7 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: 20.22 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY002882.D

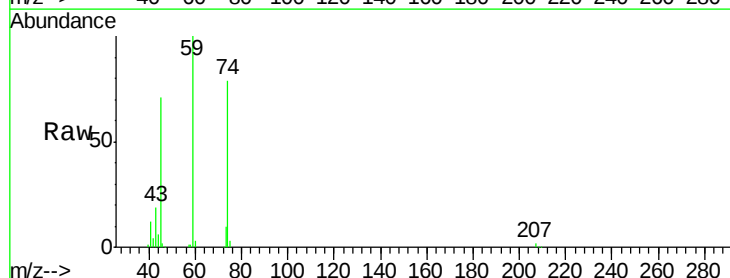
Acq: 11 Jun 2020 11:24

Tgt Ion: 74 Resp: 30758

Ion Ratio Lower Upper

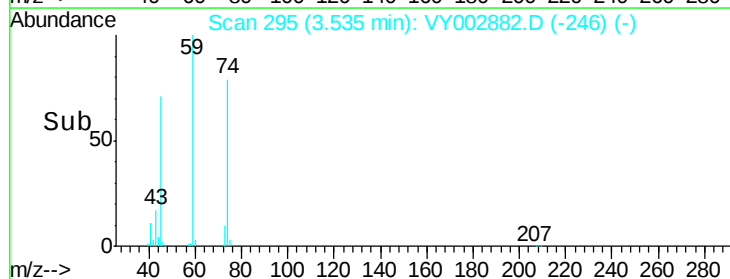
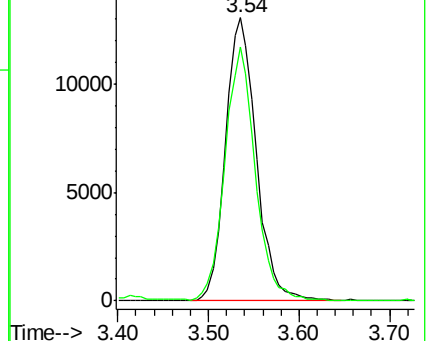
74 100

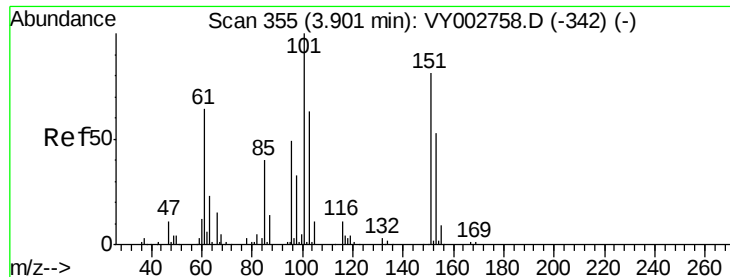
45 88.8 44.0 131.8



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: 22.12 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

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ClientSampleId :

VY0611SBS01

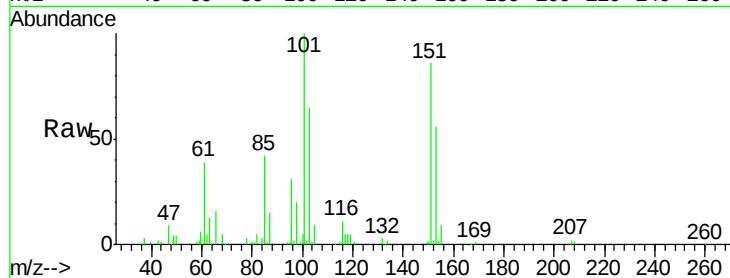
Tgt Ion:101 Resp: 51168

Ion Ratio Lower Upper

101 100

85 42.6 32.7 49.1

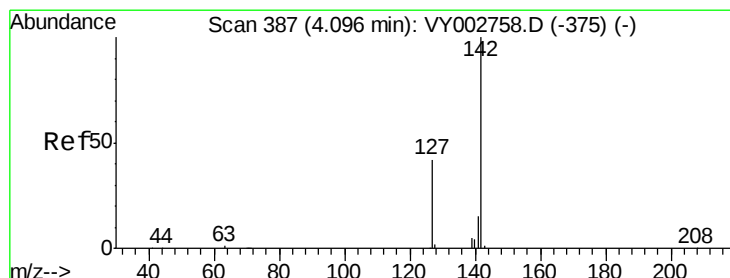
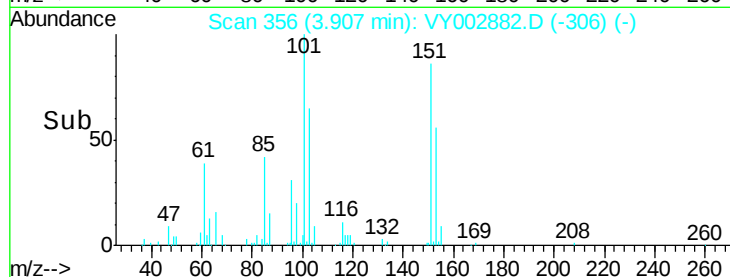
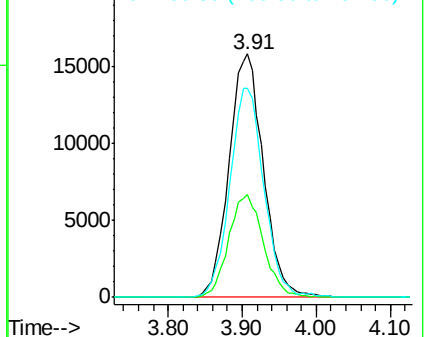
151 85.3 68.0 102.0



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: 19.60 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

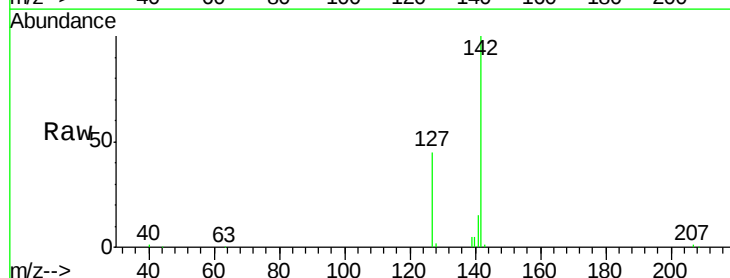
Tgt Ion:142 Resp: 63449

Ion Ratio Lower Upper

142 100

127 42.0 33.3 49.9

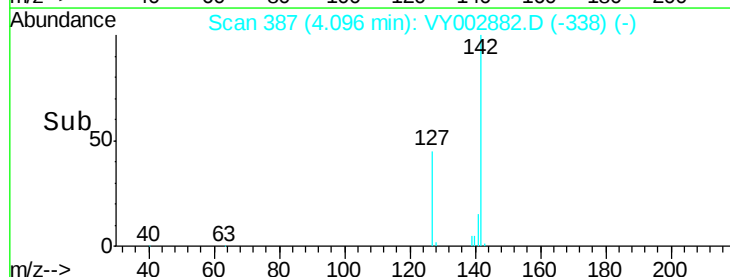
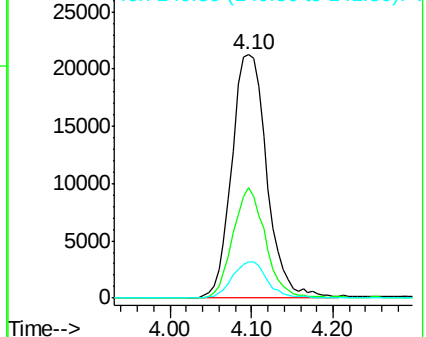
141 14.7 11.5 17.3

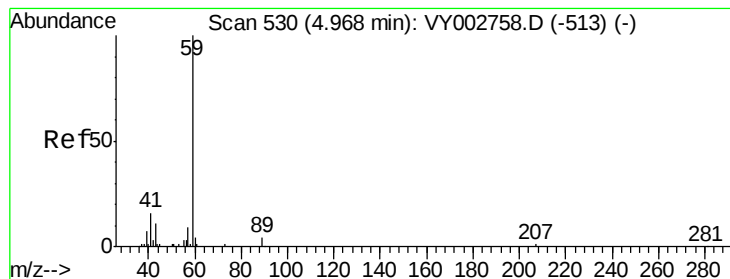


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



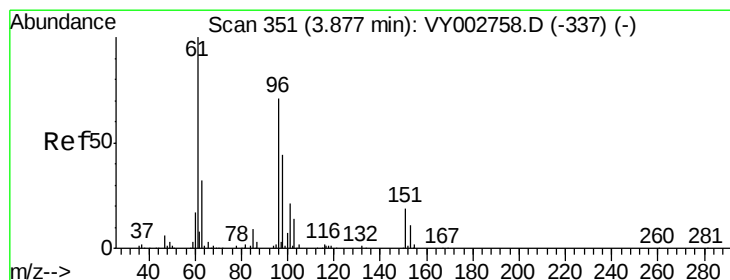
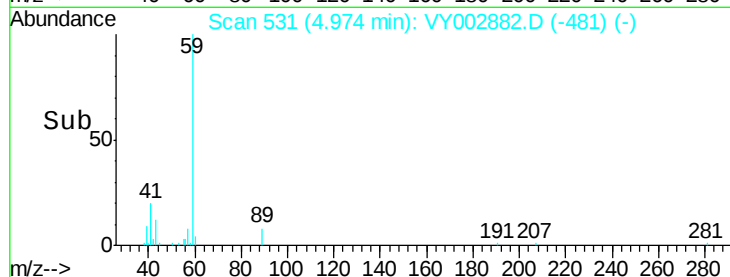
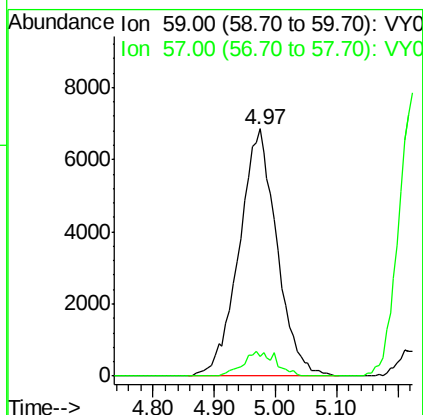
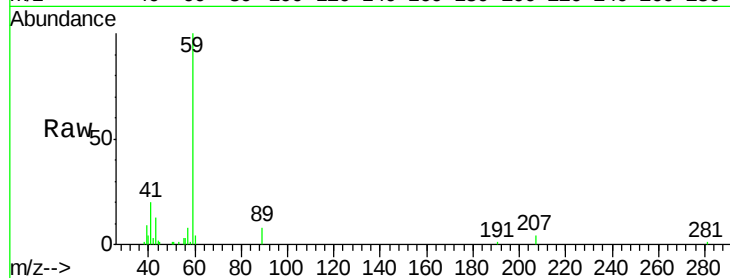


#11

Tert butyl alcohol
 Concen: 107.68 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

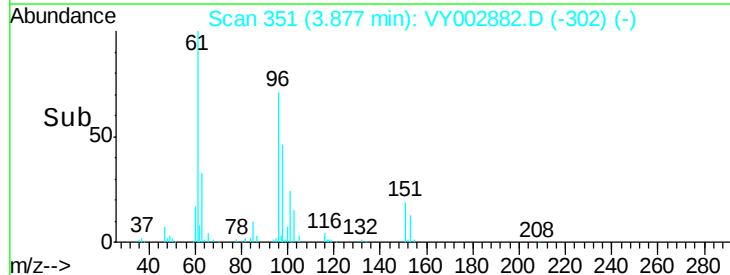
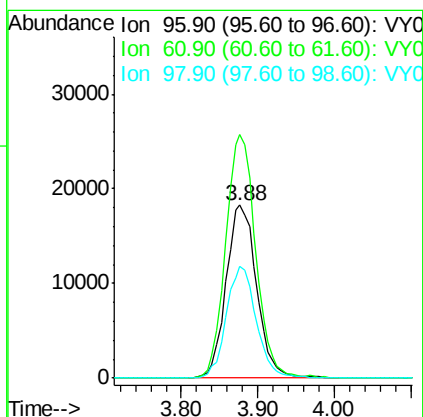
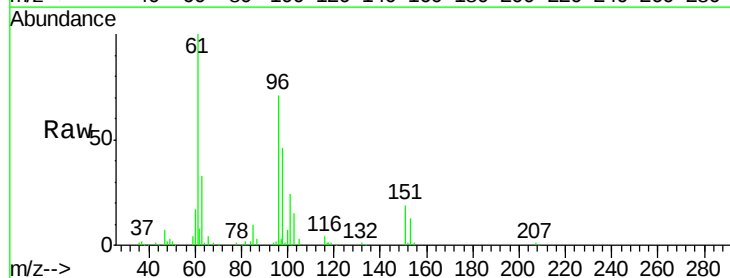
Tgt Ion: 59 Resp: 29333
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.7 11.5

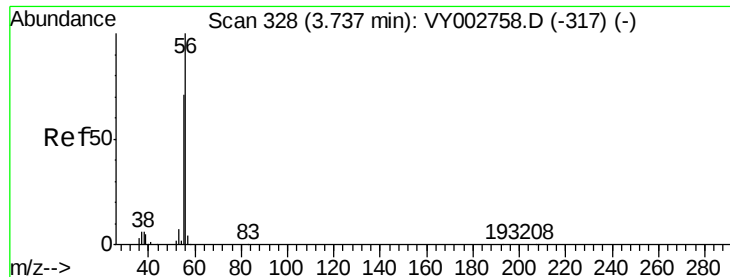


#12

1,1-Dichloroethene
 Concen: 21.71 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion: 96 Resp: 50492
 Ion Ratio Lower Upper
 96 100
 61 140.7 112.6 168.8
 98 64.7 50.0 75.0





#13

Acrolein

Concen: 78.84 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

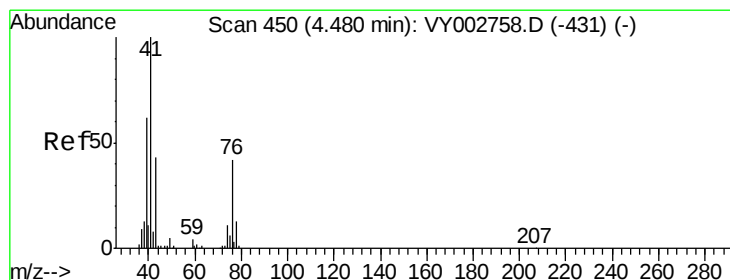
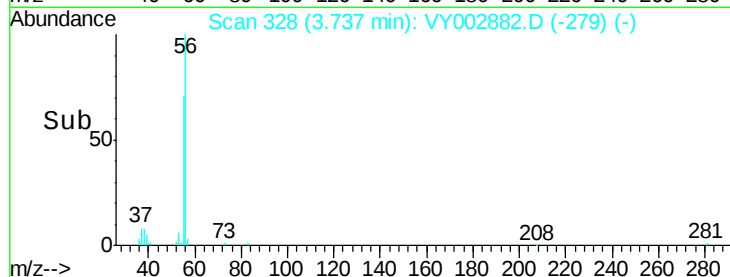
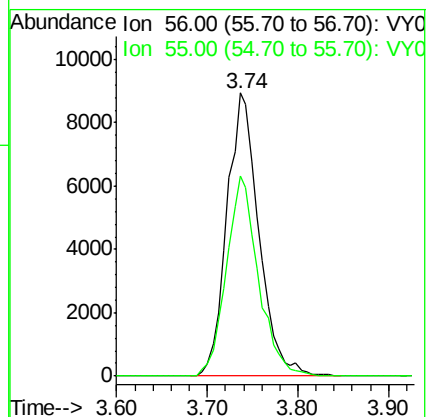
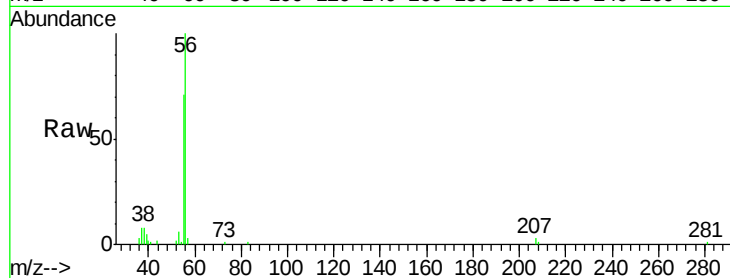
VY0611SBS01

Tgt Ion: 56 Resp: 21936

Ion Ratio Lower Upper

56 100

55 70.7 56.0 84.0



#14

Allyl chloride

Concen: 21.27 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

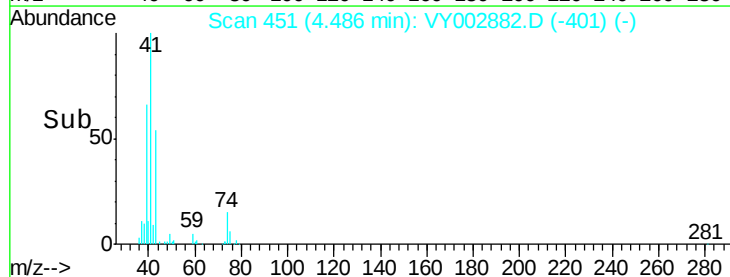
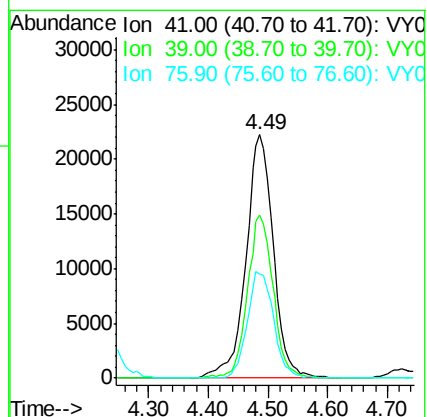
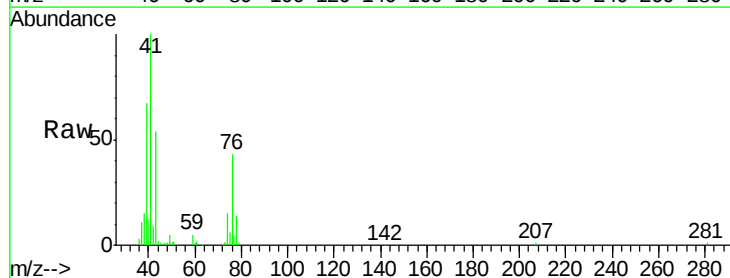
Tgt Ion: 41 Resp: 70980

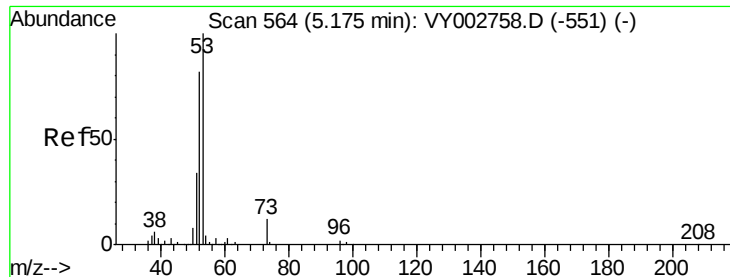
Ion Ratio Lower Upper

41 100

39 63.0 49.9 74.9

76 41.9 33.2 49.8





#15

Acrylonitrile

Concen: 108.67 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

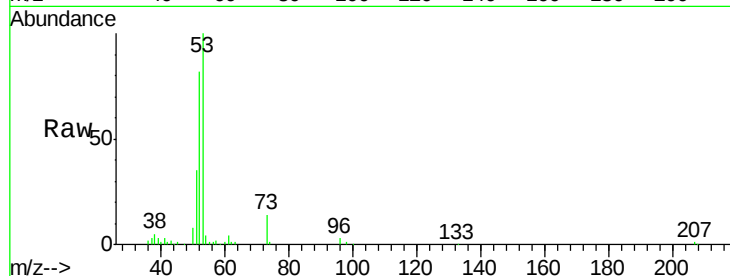
Tgt Ion: 53 Resp: 74577

Ion Ratio Lower Upper

53 100

52 83.2 65.3 97.9

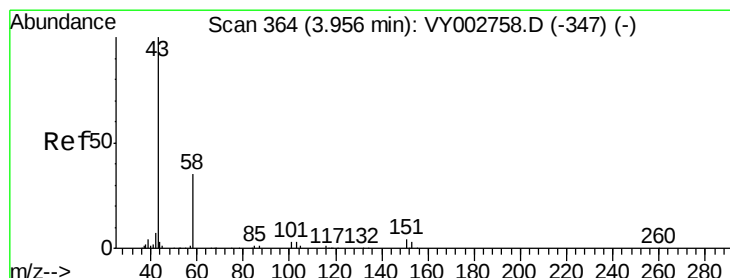
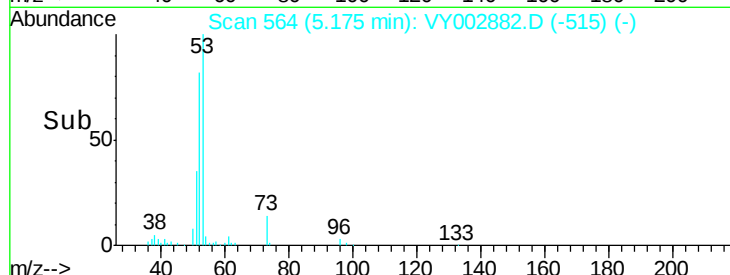
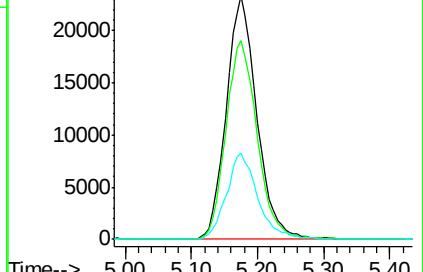
51 36.3 28.0 42.0



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: 110.12 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002882.D

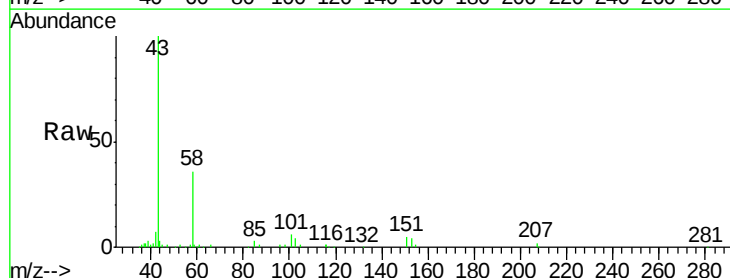
Acq: 11 Jun 2020 11:24

Tgt Ion: 43 Resp: 61306

Ion Ratio Lower Upper

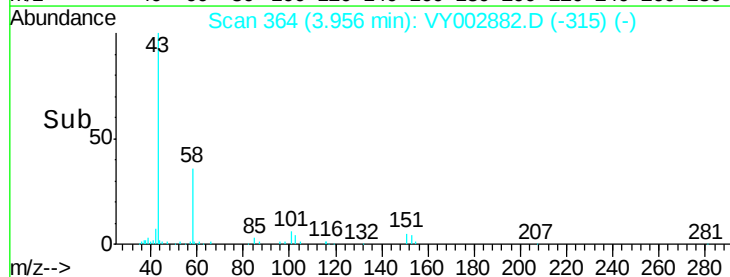
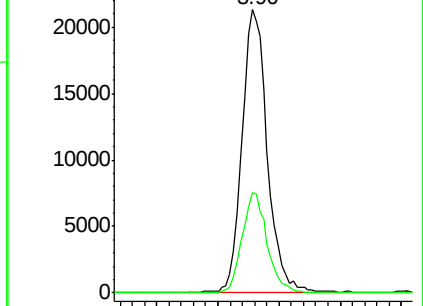
43 100

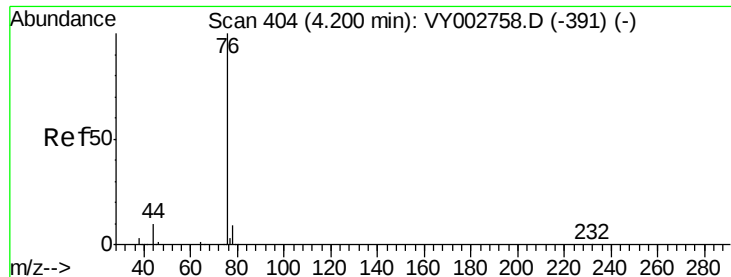
58 35.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.77 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

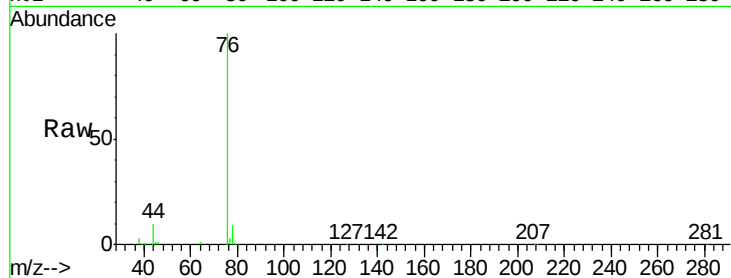
VY0611SBS01

Tgt Ion: 76 Resp: 138984

Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

50000

40000

30000

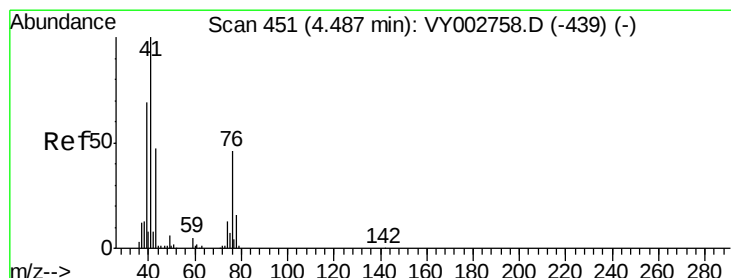
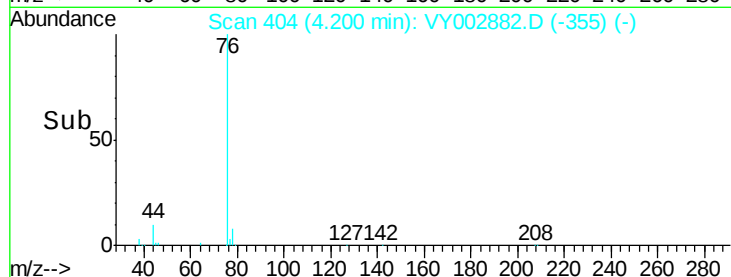
20000

10000

0

Time-->

4.10 4.20 4.30



#18

Methyl Acetate

Concen: 25.13 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002882.D

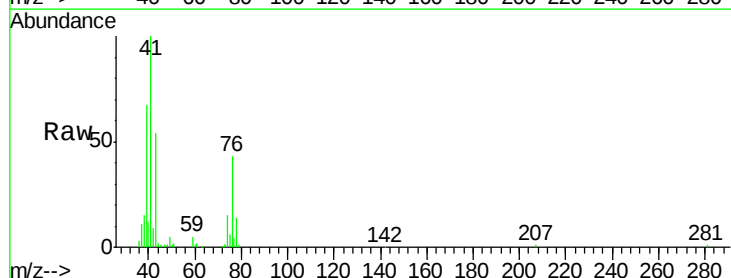
Acq: 11 Jun 2020 11:24

Tgt Ion: 43 Resp: 35785

Ion Ratio Lower Upper

43 100

74 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

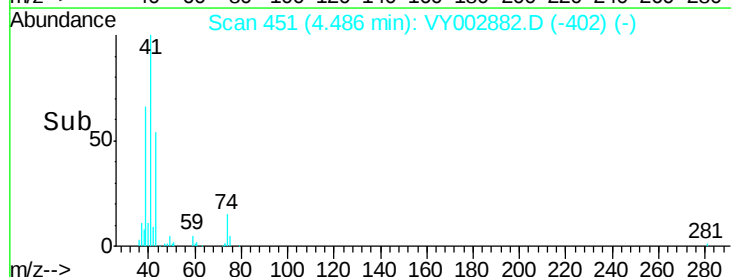
10000

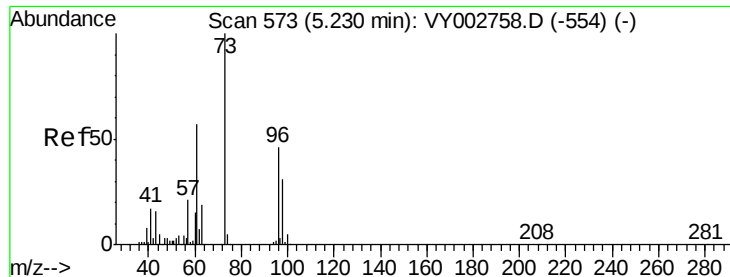
5000

0

Time-->

4.40 4.50 4.60

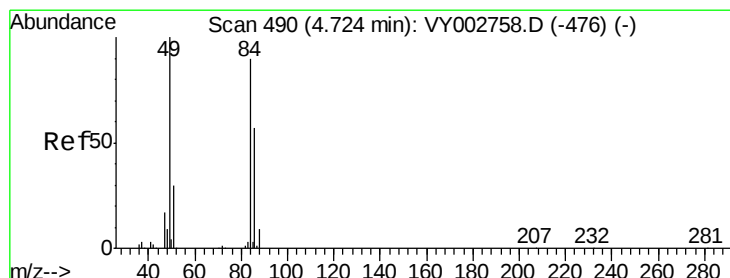
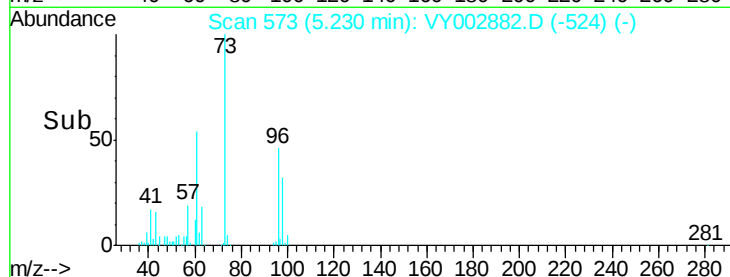
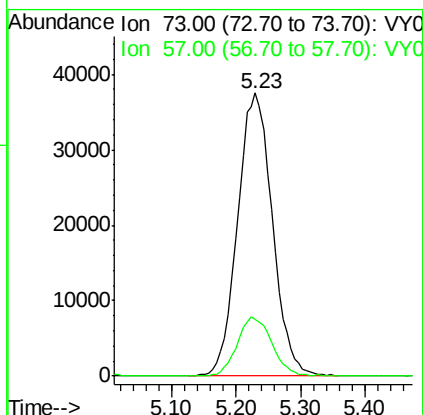
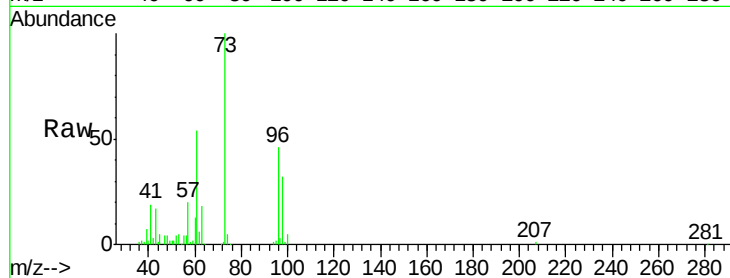




#19
Methyl tert-butyl Ether
Concen: 21.76 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

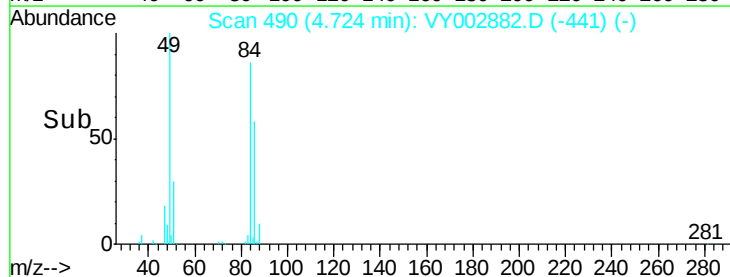
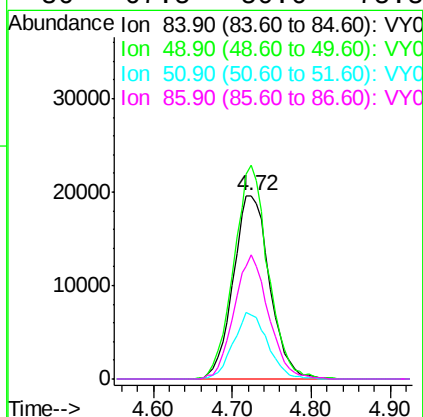
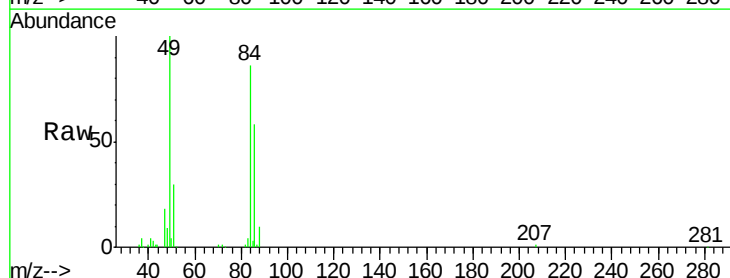
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 73 Resp: 139740
Ion Ratio Lower Upper
73 100
57 19.9 17.0 25.4



#20
Methylene Chloride
Concen: 23.22 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion: 84 Resp: 63169
Ion Ratio Lower Upper
84 100
49 116.6 88.5 132.7
51 35.0 26.8 40.2
86 67.5 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.12 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

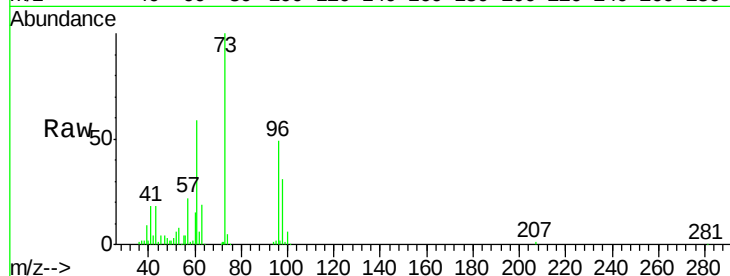
Tgt Ion: 96 Resp: 55247

Ion Ratio Lower Upper

96 100

61 120.9 96.8 145.2

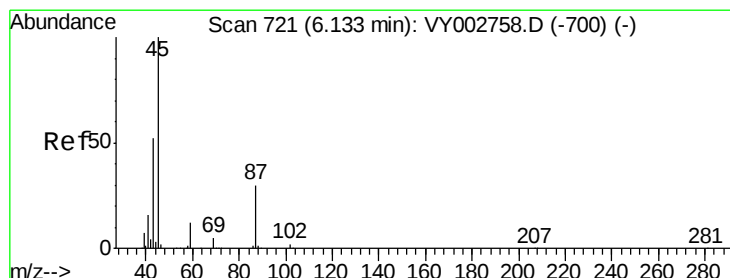
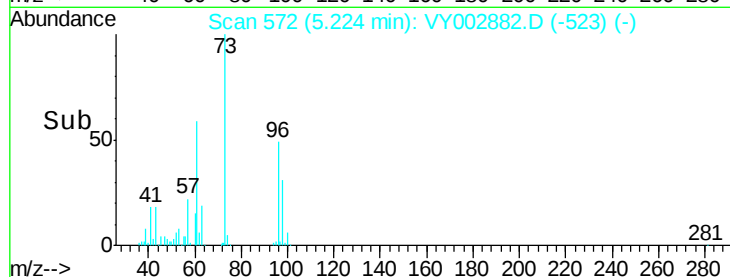
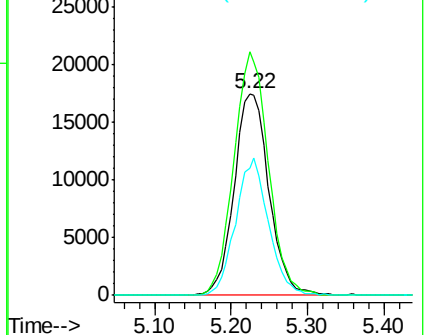
98 63.2 49.4 74.0



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: 21.74 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Tgt Ion: 45 Resp: 150754

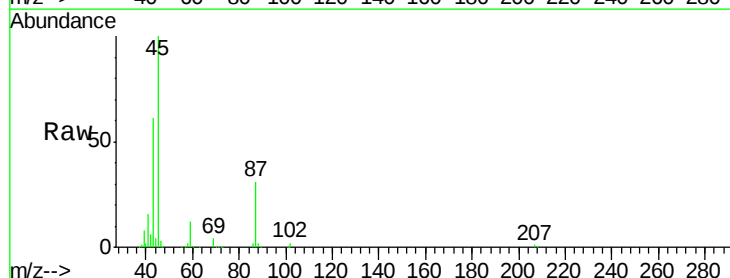
Ion Ratio Lower Upper

45 100

43 60.1 41.7 62.5

87 31.0 24.2 36.2

59 11.7 9.8 14.8

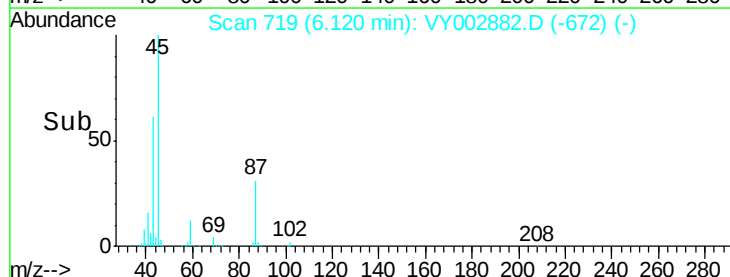
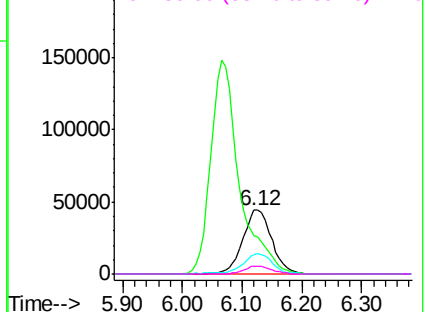


Abundance Ion 45.00 (44.70 to 45.70): VY0

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

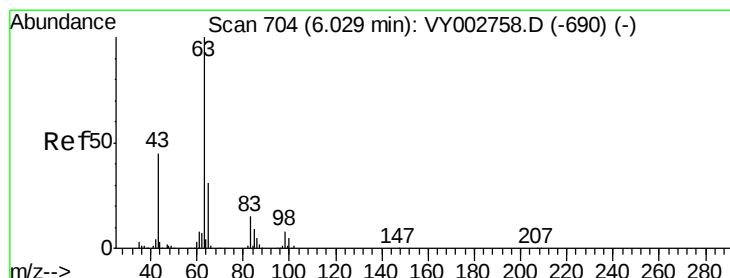
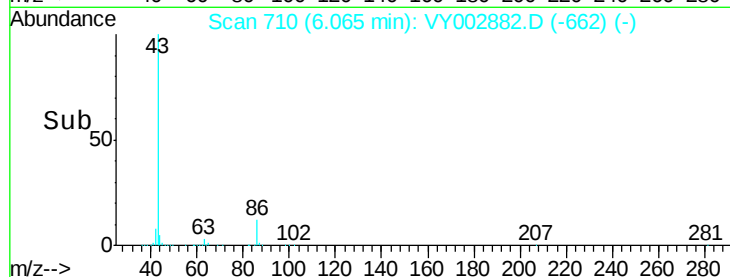
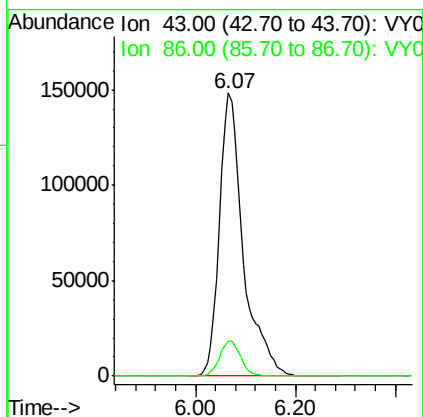
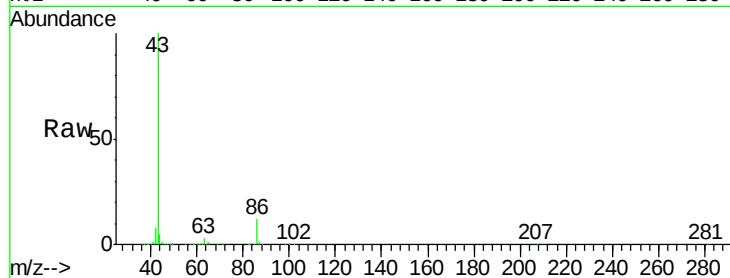




#23
 Vinyl Acetate
 Concen: 107.76 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

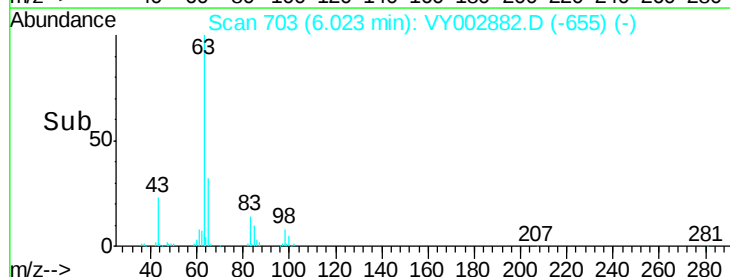
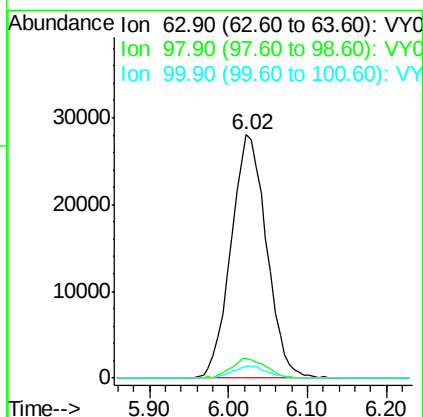
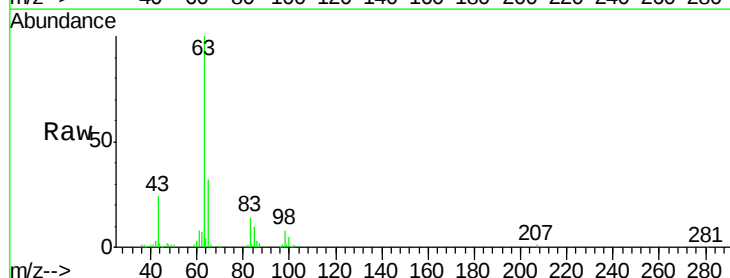
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Tgt Ion: 43 Resp: 493251
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 21.67 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion: 63 Resp: 87873
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.0 2.4 7.1

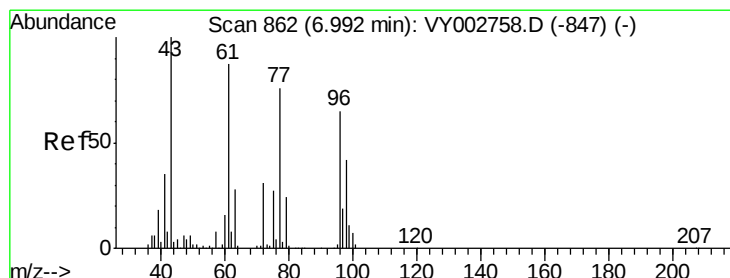
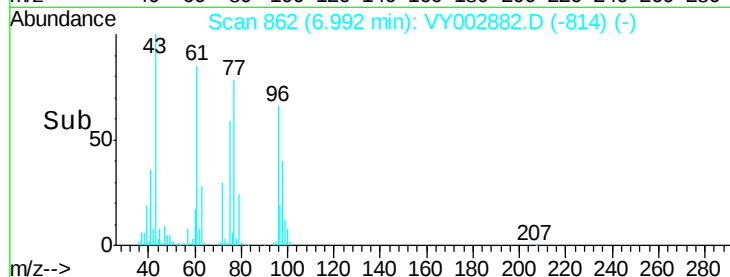
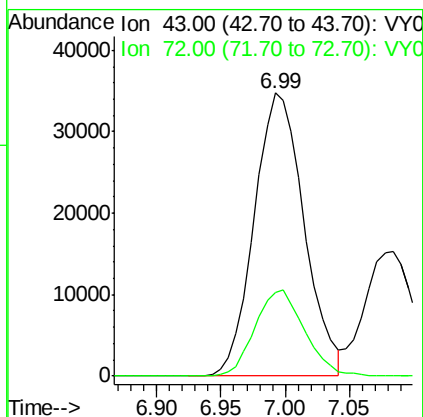
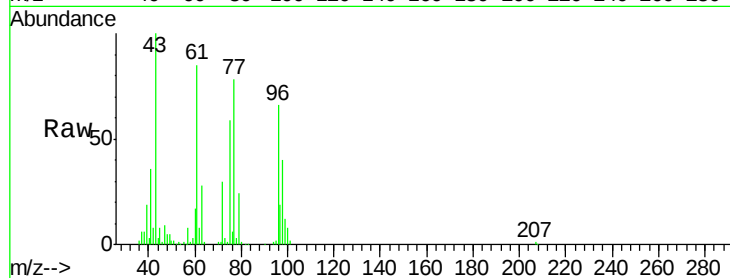




#25
2-Butanone
Concen: 107.70 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

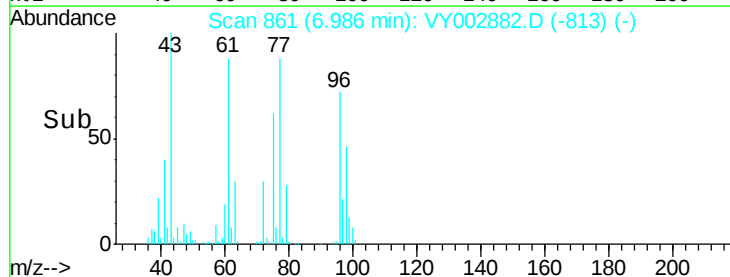
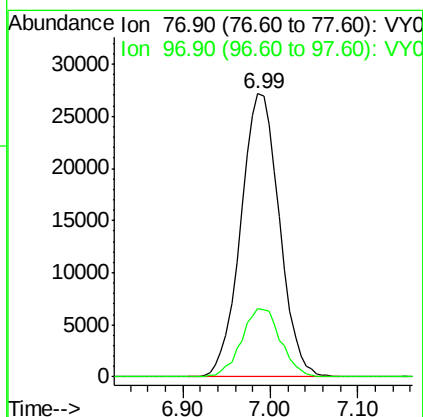
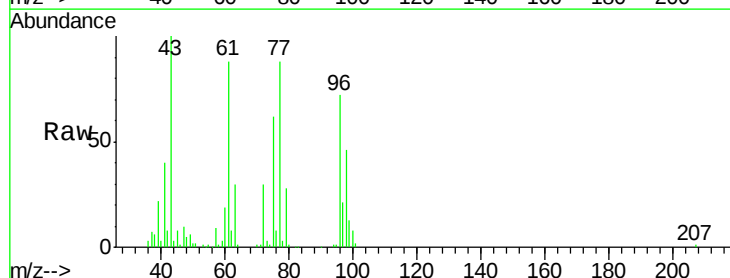
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 43 Resp: 93422
Ion Ratio Lower Upper
43 100
72 29.8 23.9 35.9



#26
2,2-Dichloropropane
Concen: 21.38 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion: 77 Resp: 83178
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6



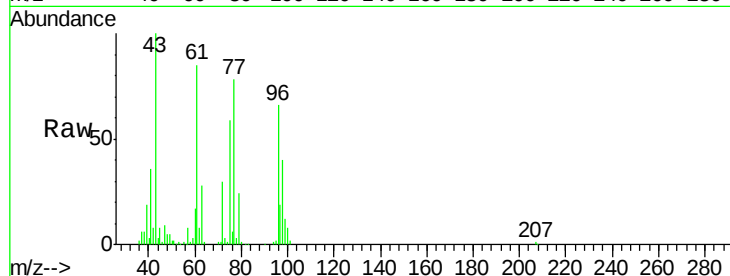


#27

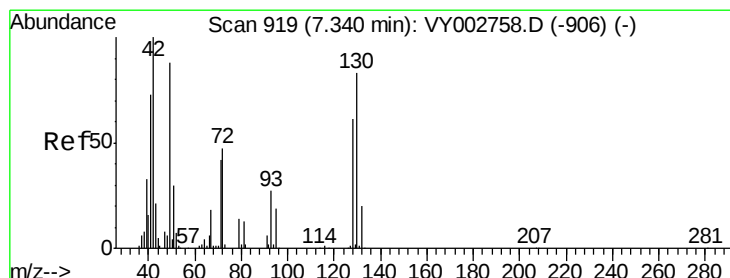
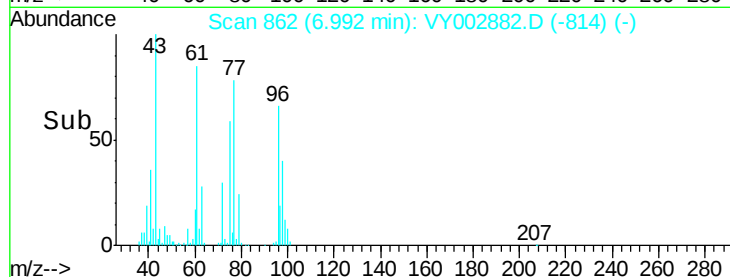
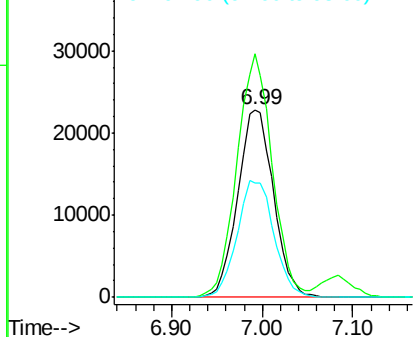
cis-1,2-Dichloroethene
Concen: 21.33 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 96 Resp: 62476
Ion Ratio Lower Upper
96 100
61 128.3 0.0 260.2
98 63.8 0.0 128.2



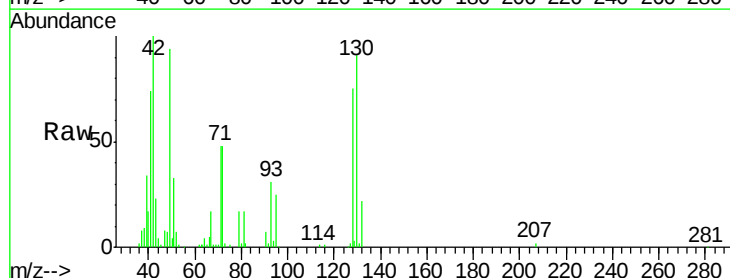
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



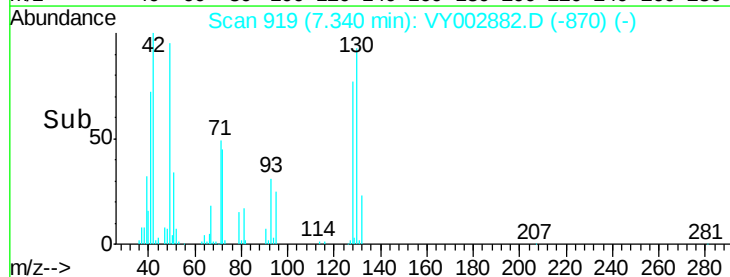
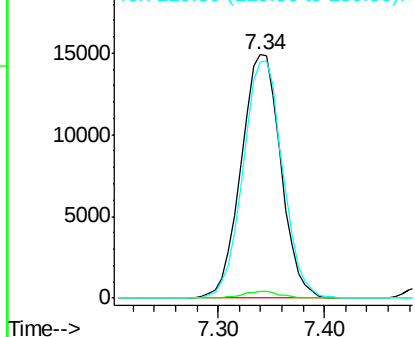
#28

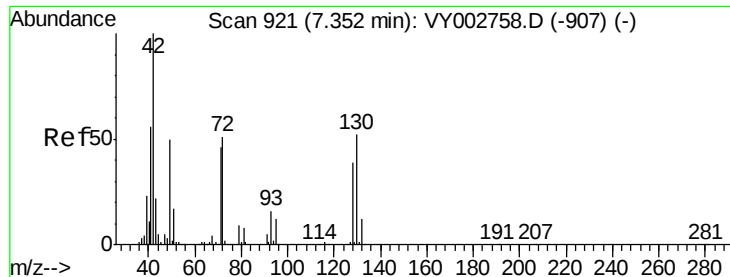
Bromochloromethane
Concen: 23.41 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion: 49 Resp: 38980
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.2
130 97.2 77.1 115.7



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





#29

Tetrahydrofuran

Concen: 109.60 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

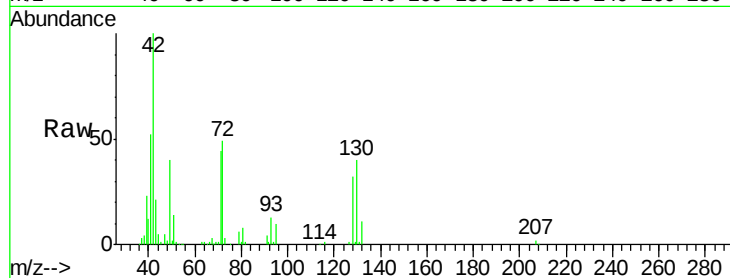
Tgt Ion: 42 Resp: 61836

Ion Ratio Lower Upper

42 100

72 47.9 38.6 58.0

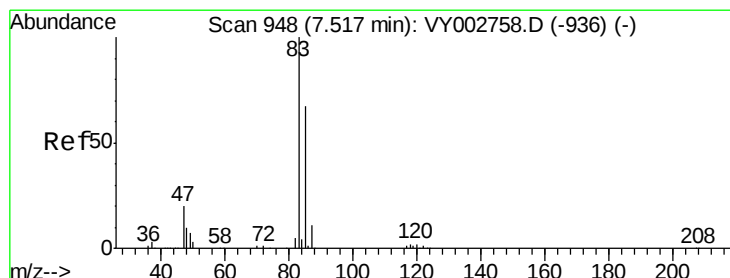
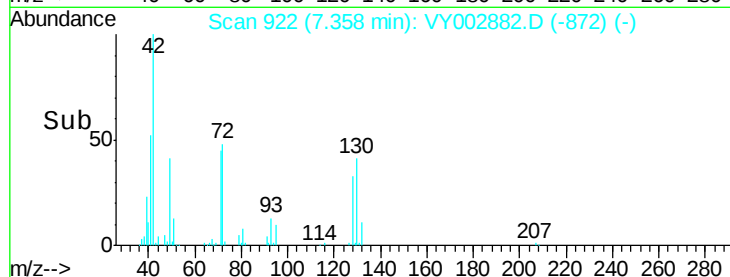
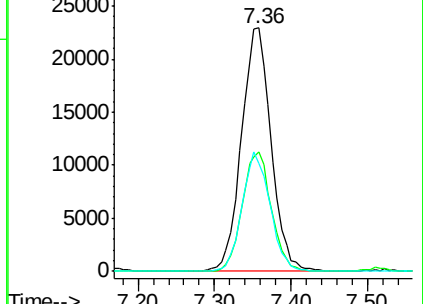
71 45.9 35.8 53.8



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: 21.73 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002882.D

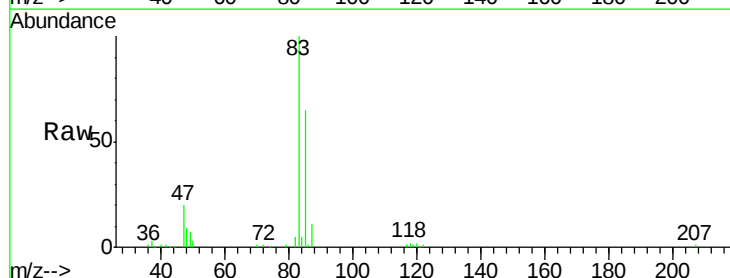
Acq: 11 Jun 2020 11:24

Tgt Ion: 83 Resp: 93523

Ion Ratio Lower Upper

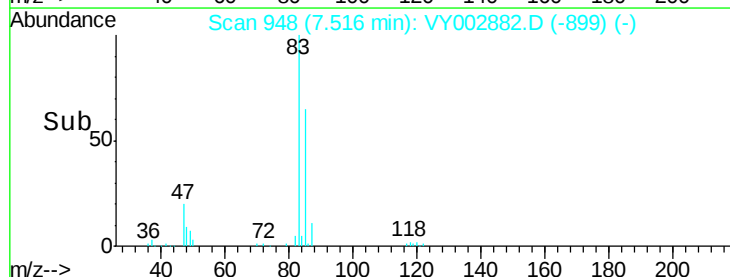
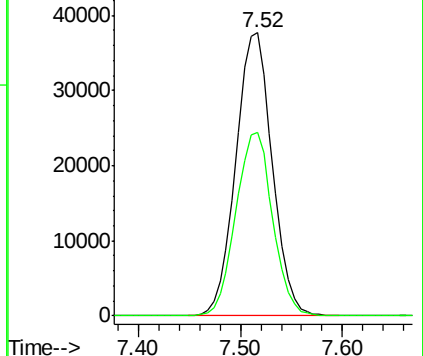
83 100

85 64.6 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: 20.47 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

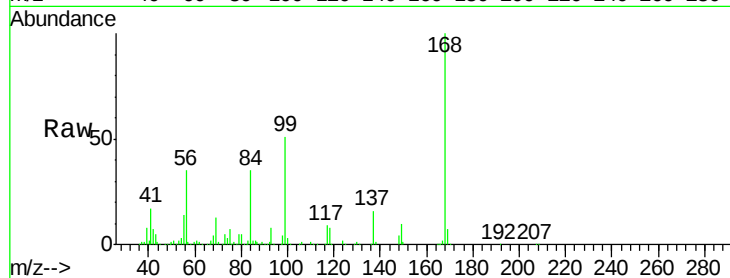
Tgt Ion: 56 Resp: 82439

Ion Ratio Lower Upper

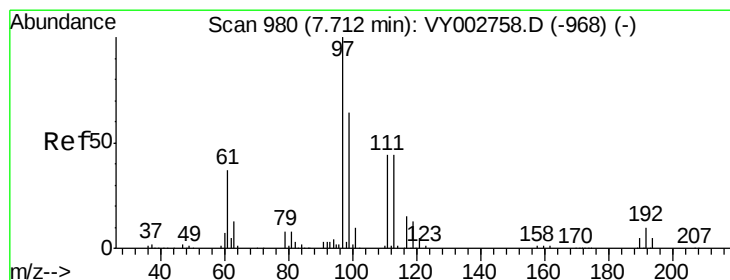
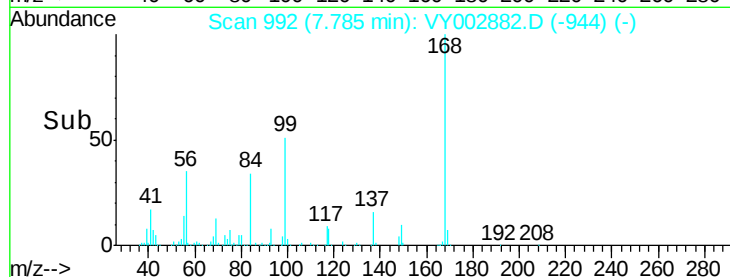
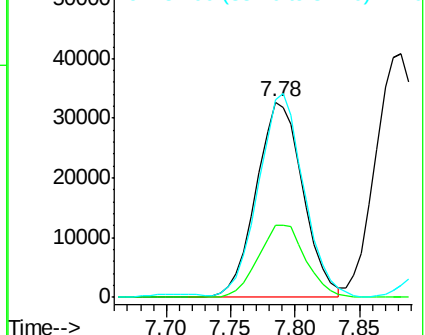
56 100

69 36.9 28.0 42.0

84 99.7 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: 21.66 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

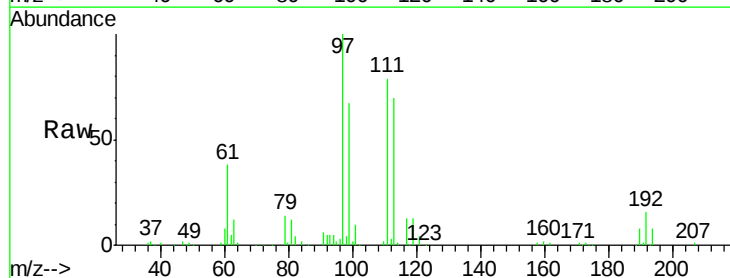
Tgt Ion: 97 Resp: 86865

Ion Ratio Lower Upper

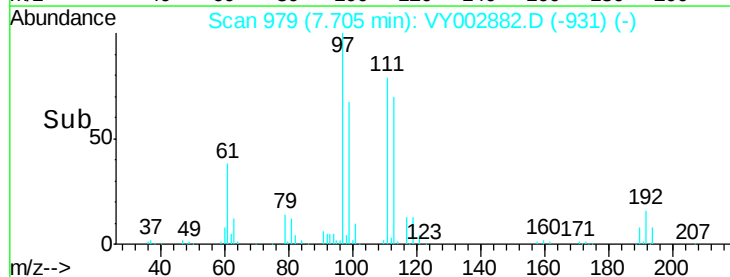
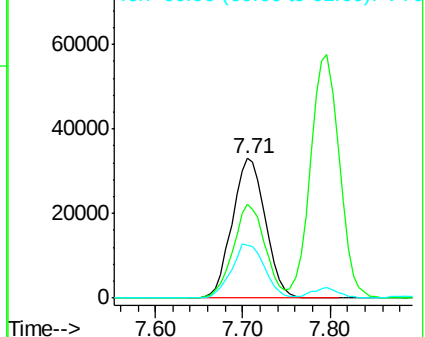
97 100

99 64.5 51.4 77.0

61 38.6 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

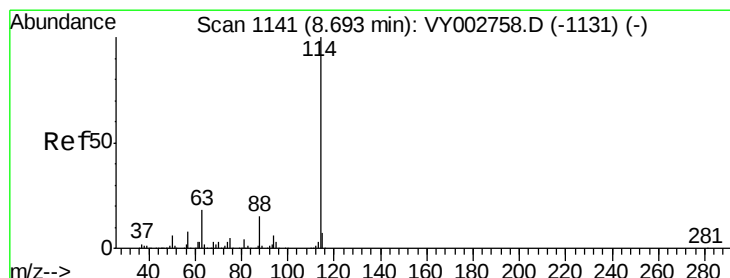
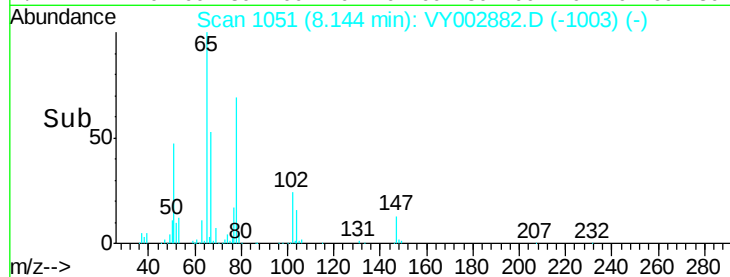
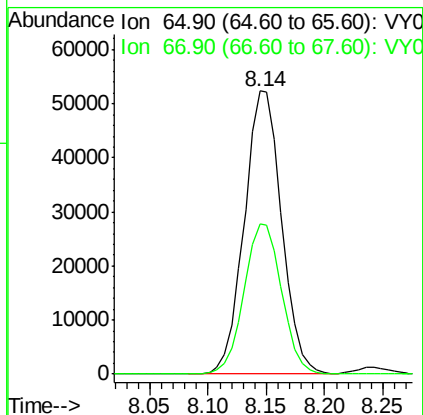
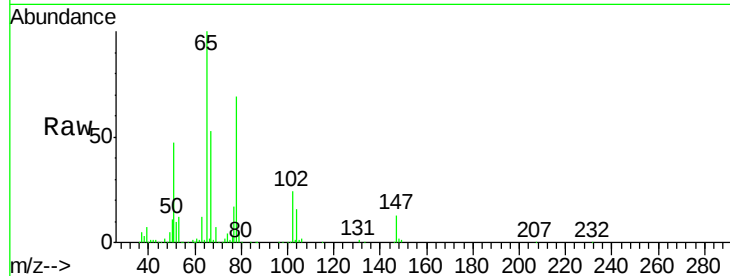




#33
 1,2-Dichloroethane-d4
 Concen: 49.30 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

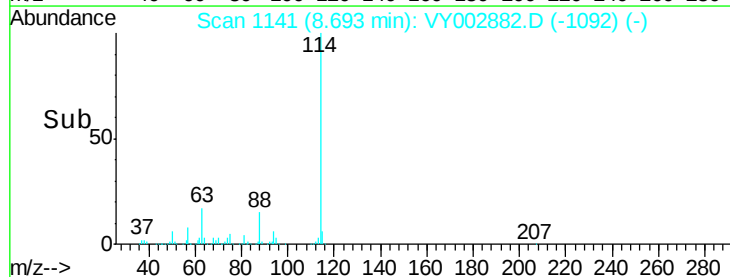
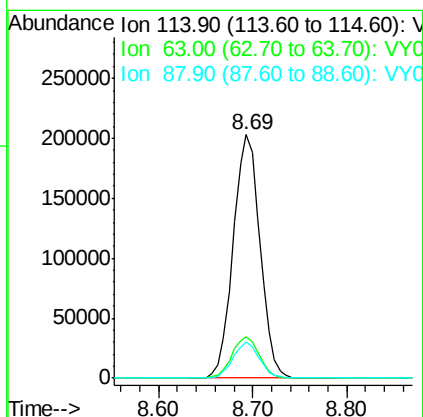
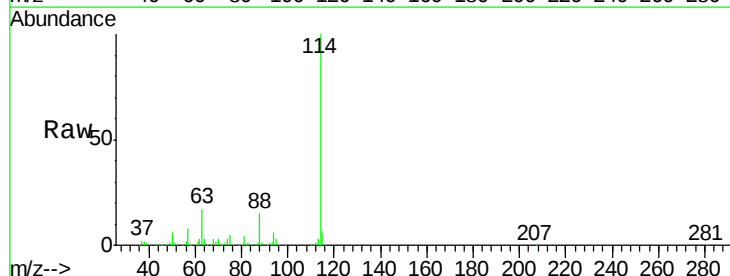
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Tgt Ion: 65 Resp: 117044
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion: 114 Resp: 400567
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 14.7 0.0 29.2

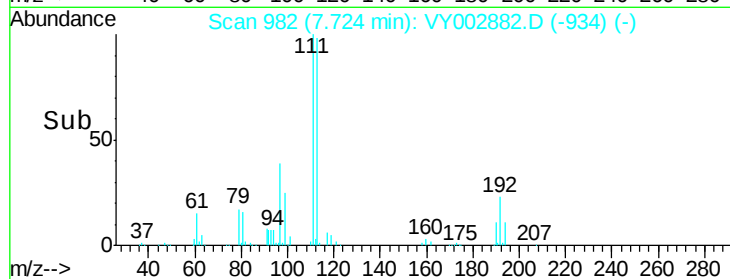
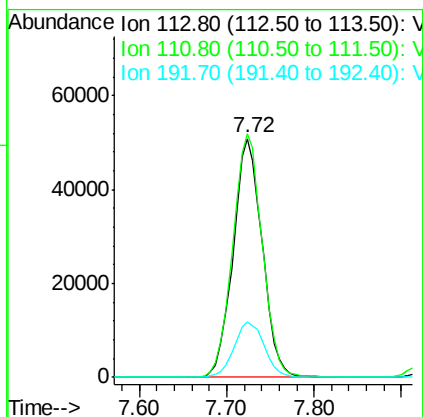
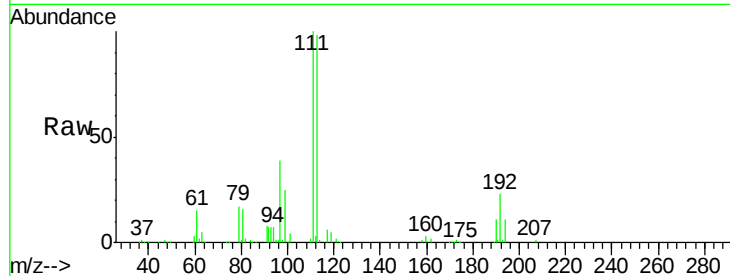




#35
 Dibromofluoromethane
 Concen: 49.99 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

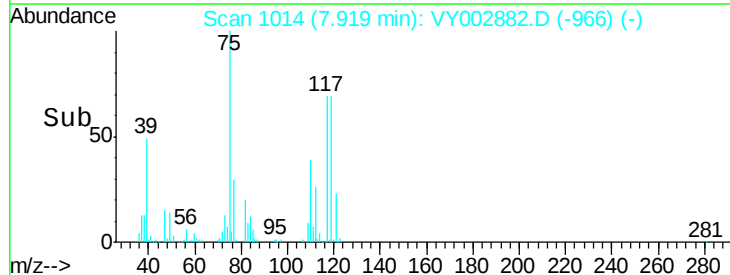
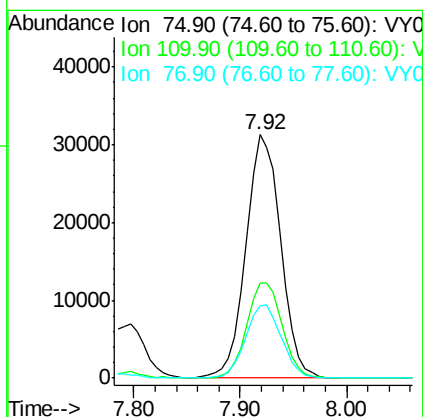
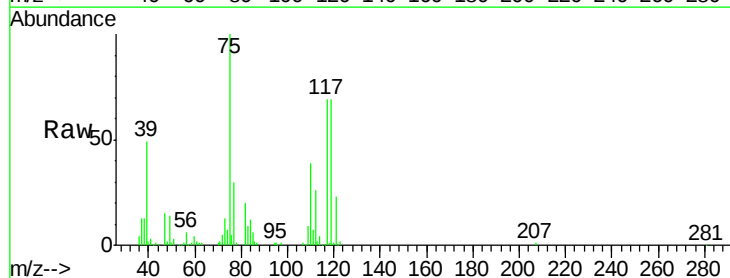
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

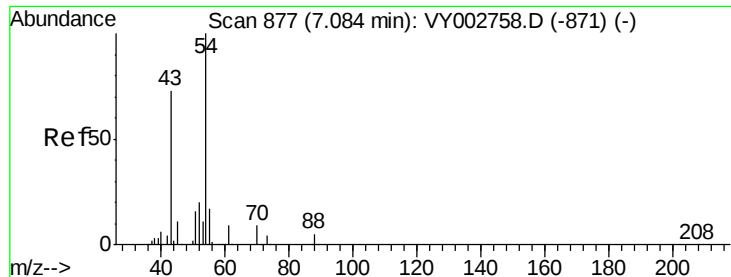
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	24.1	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.31 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	19.3	57.9
77	31.0	24.8	37.2

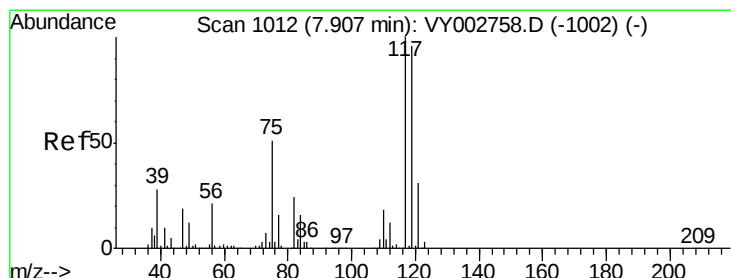
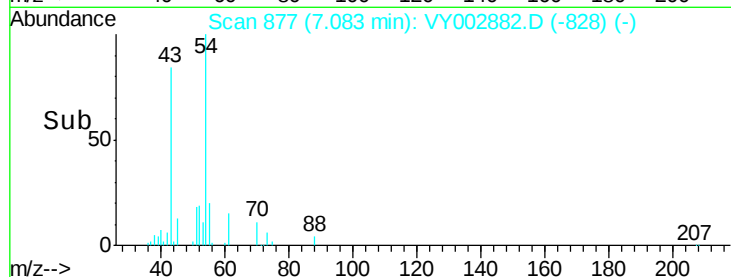
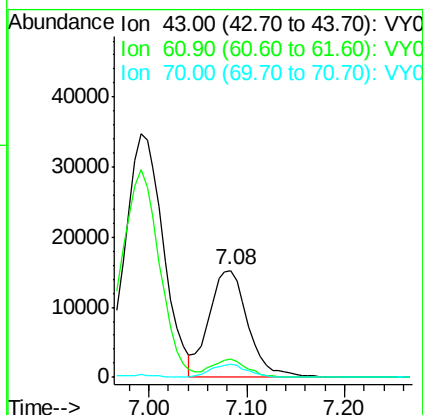
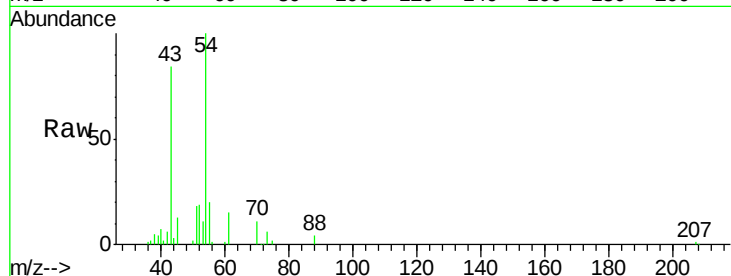




#37
Ethyl Acetate
Concen: 22.88 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

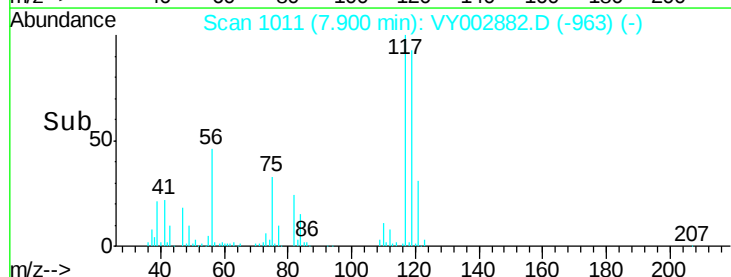
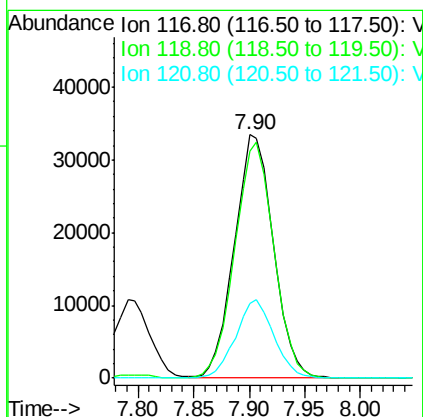
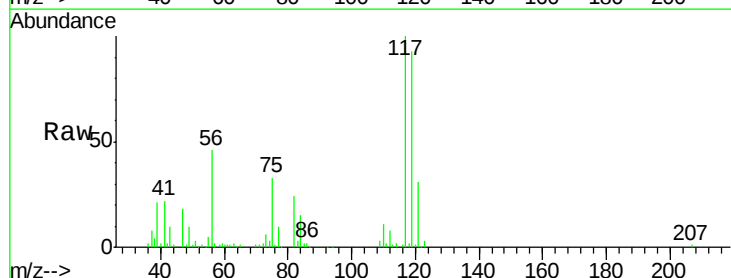
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

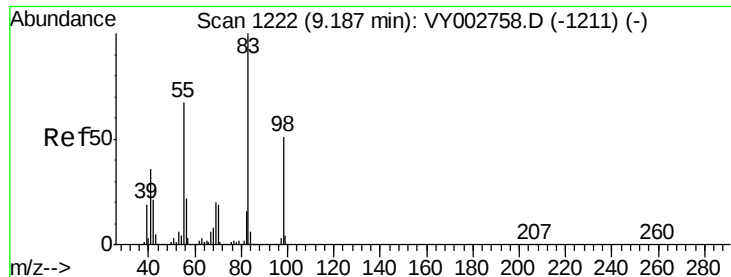
Tgt Ion: 43 Resp: 42009
Ion Ratio Lower Upper
43 100
61 15.1 11.9 17.9
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.80 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion: 117 Resp: 81724
Ion Ratio Lower Upper
117 100
119 93.3 76.8 115.2
121 30.7 24.8 37.2

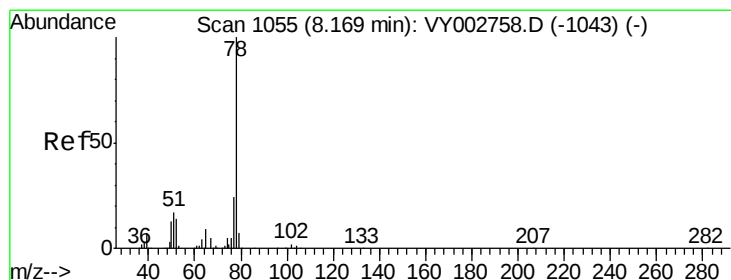
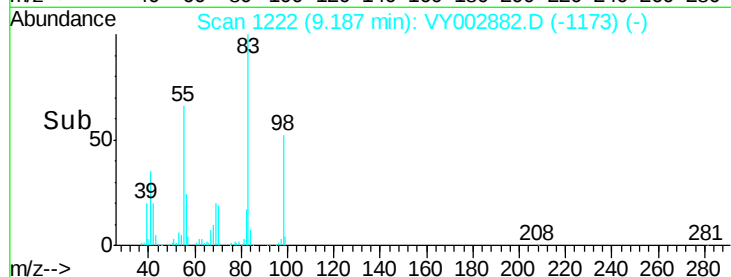
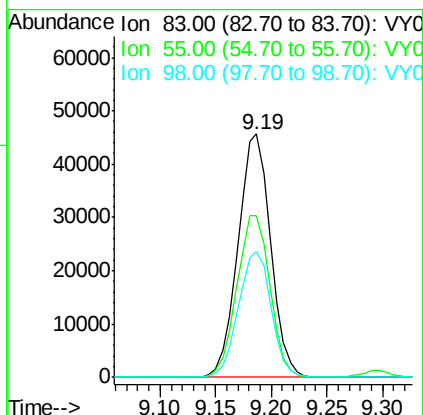
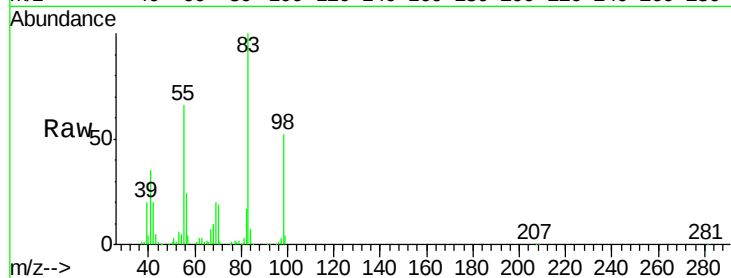




#39
Methylcyclohexane
Concen: 20.85 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

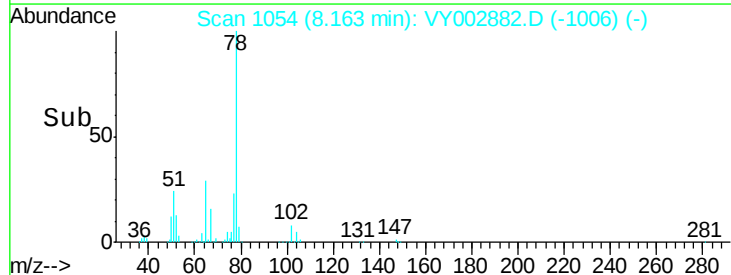
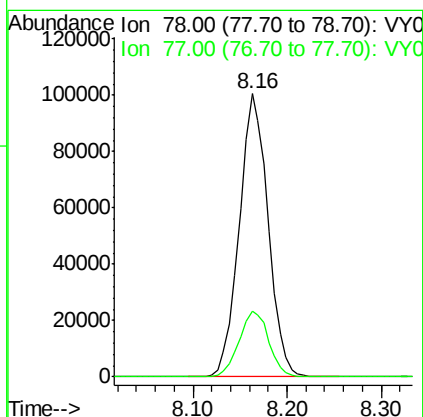
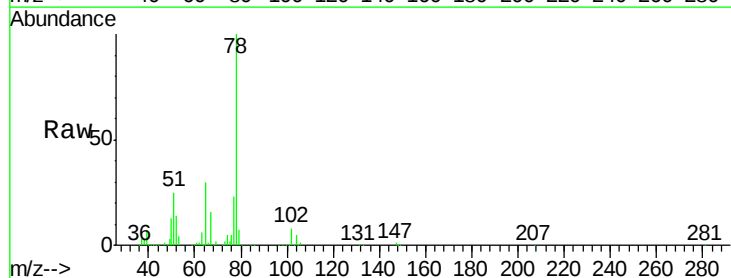
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

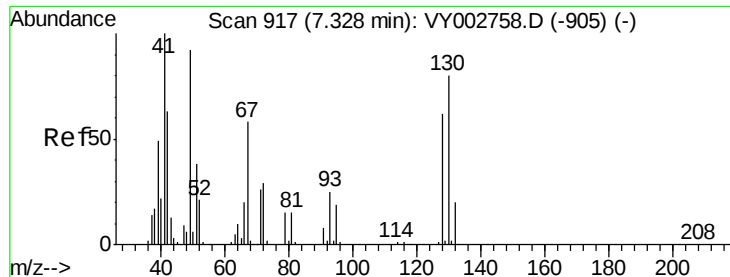
Tgt Ion: 83 Resp: 92721
Ion Ratio Lower Upper
83 100
55 66.4 53.3 79.9
98 51.7 41.1 61.7



#40
Benzene
Concen: 21.54 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion: 78 Resp: 214743
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

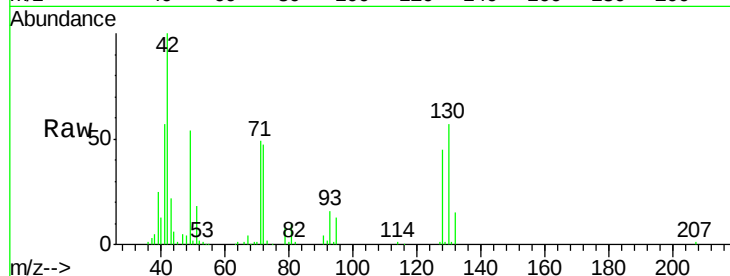




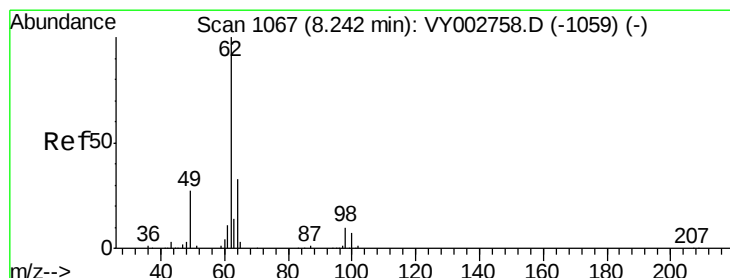
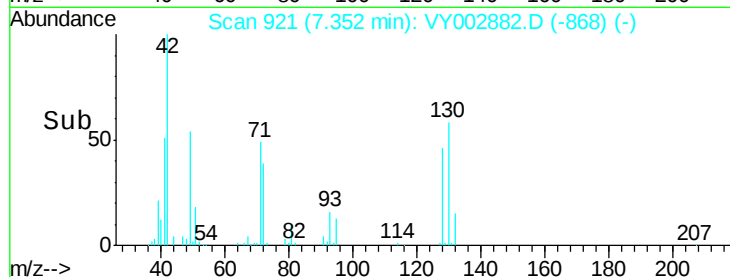
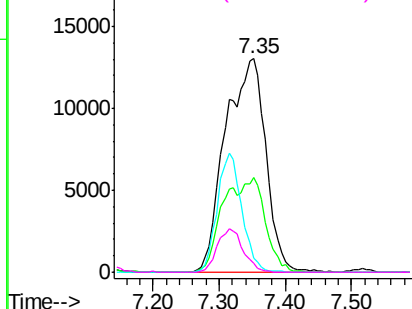
#41
Methacrylonitrile
Concen: 55.99 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:	41	Resp:	55225
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

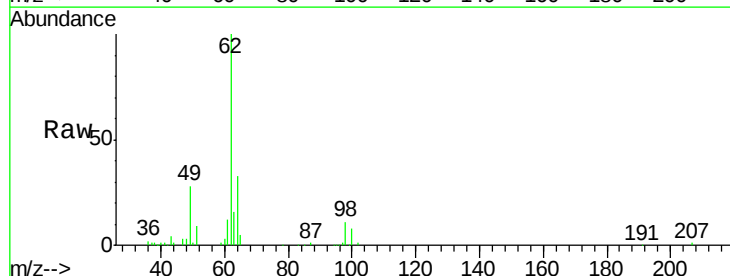


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

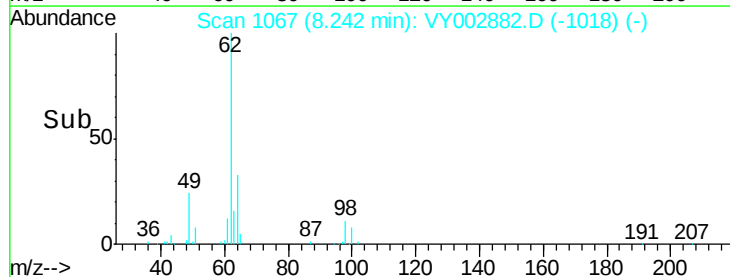
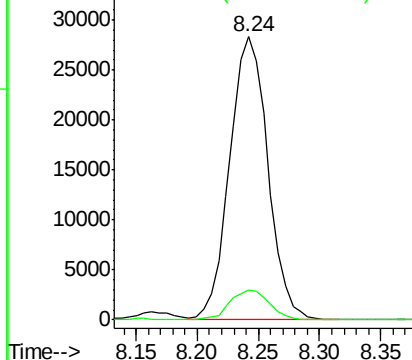


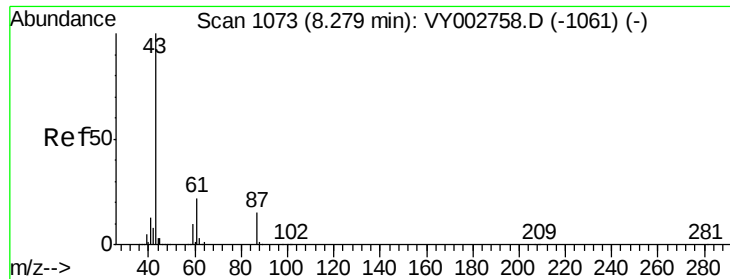
#42
1,2-Dichloroethane
Concen: 21.96 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion:	62	Resp:	61369
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.79 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

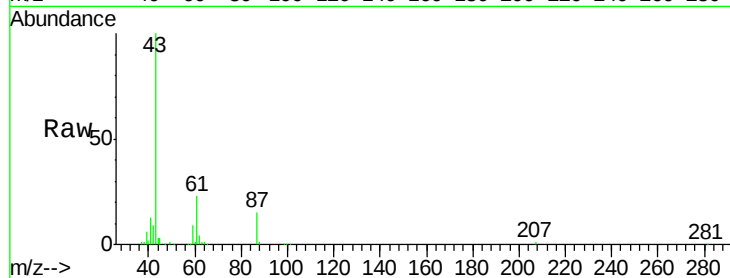
Tgt Ion: 43 Resp: 75799

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

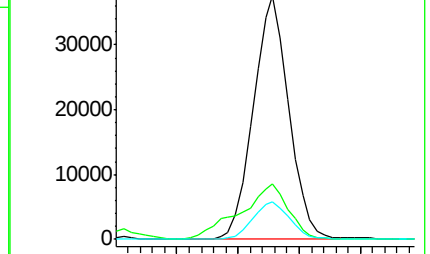
87 16.0 12.4 18.6



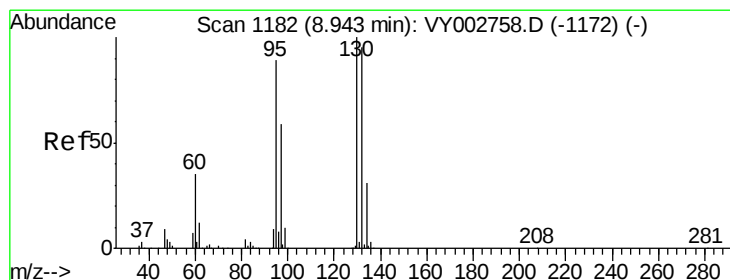
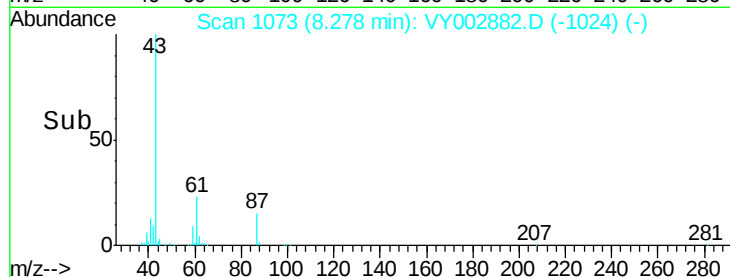
Abundance Ion 43.00 (42.70 to 43.70): VY002882.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002882.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002882.D (-1024) (-)



Time-->



#44

Trichloroethene

Concen: 21.20 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002882.D

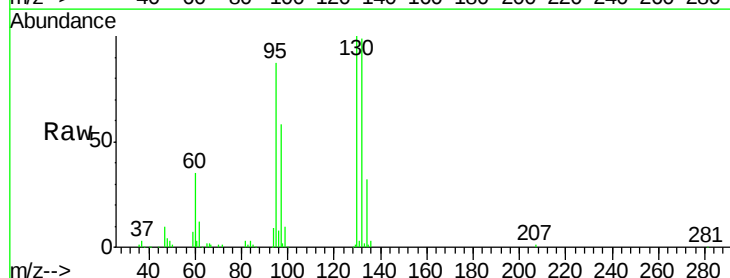
Acq: 11 Jun 2020 11:24

Tgt Ion: 130 Resp: 66781

Ion Ratio Lower Upper

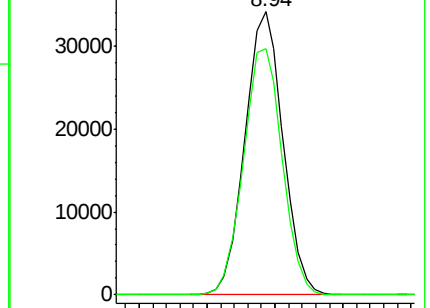
130 100

95 86.9 0.0 178.8

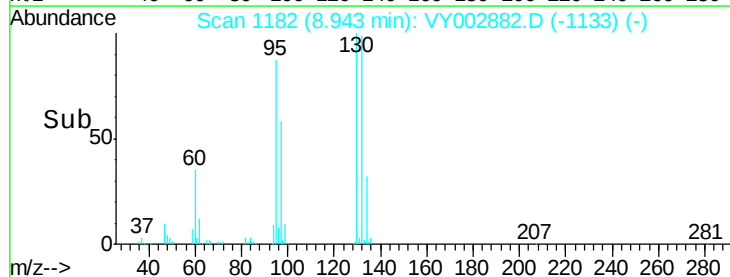


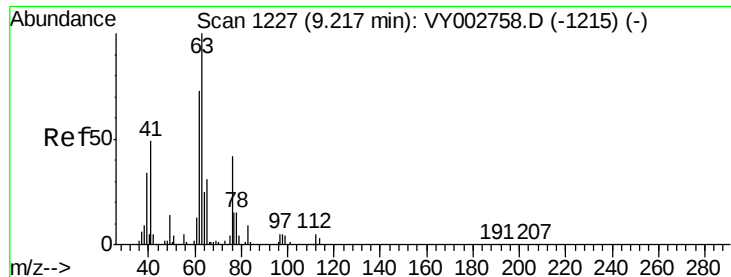
Abundance Ion 129.80 (129.50 to 130.50): VY002882.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002882.D (-1133) (-)



Time-->

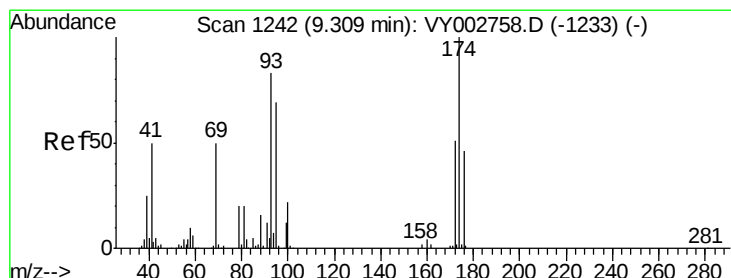
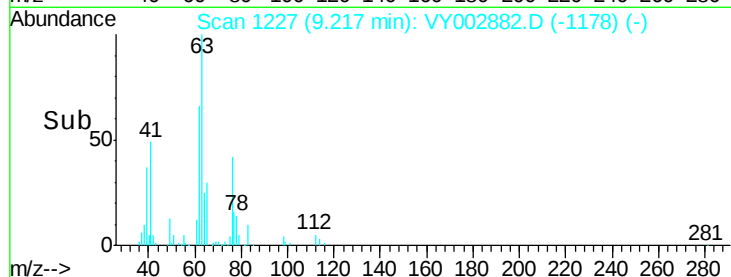
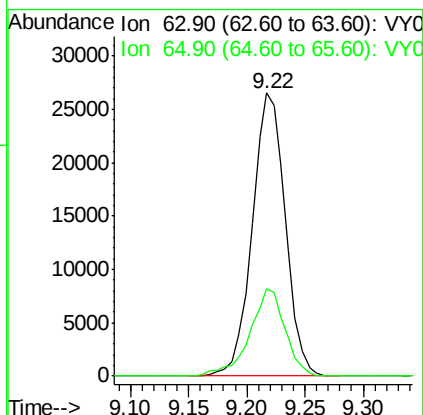
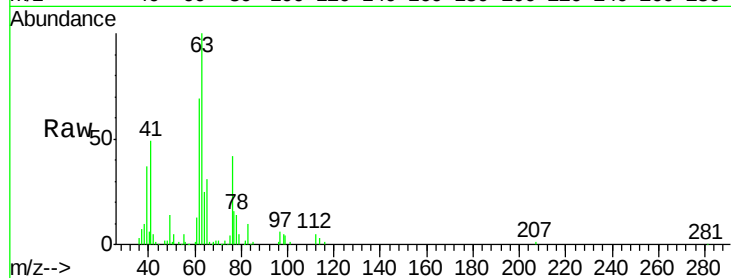




#45
 1,2-Dichloropropane
 Concen: 21.96 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

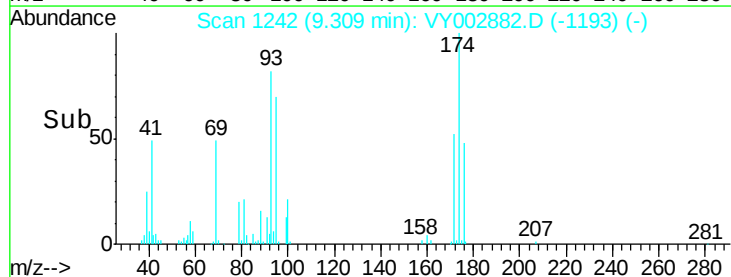
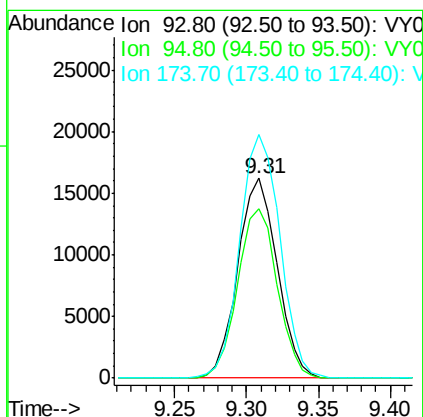
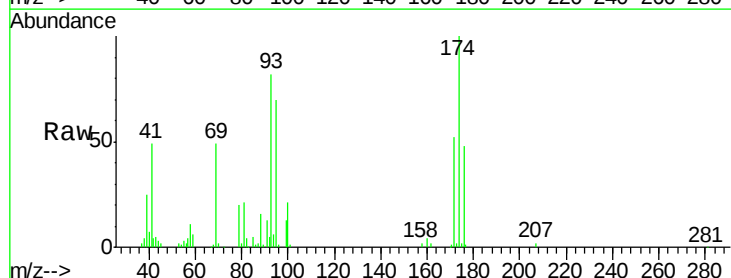
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

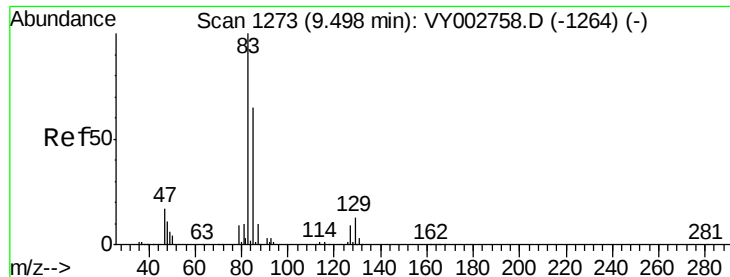
Tgt Ion: 63 Resp: 52497
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.8 37.2



#46
 Dibromomethane
 Concen: 21.73 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion: 93 Resp: 30852
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.9 100.3
 174 123.9 97.7 146.5





#47

Bromodichloromethane

Concen: 21.94 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

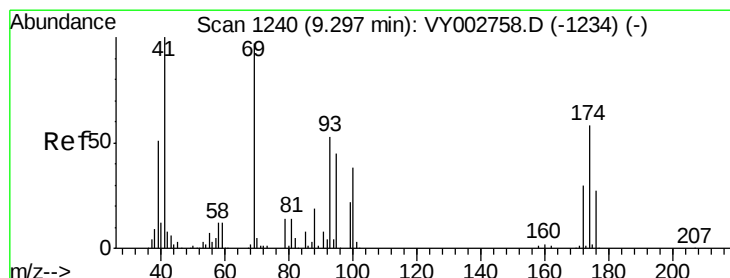
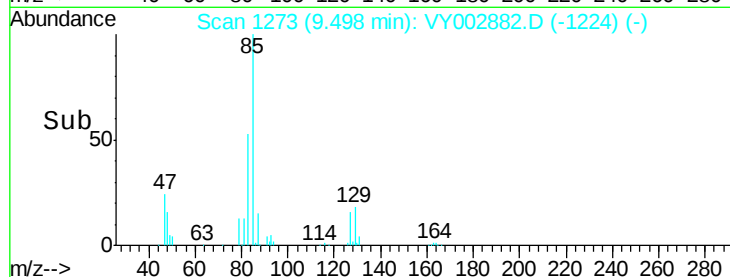
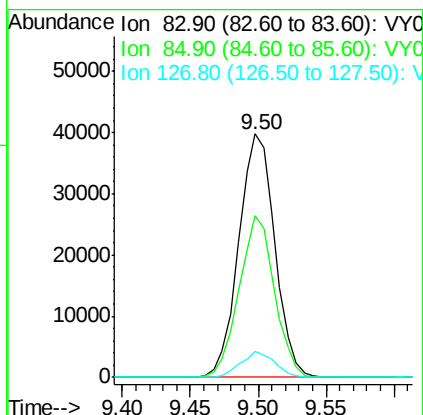
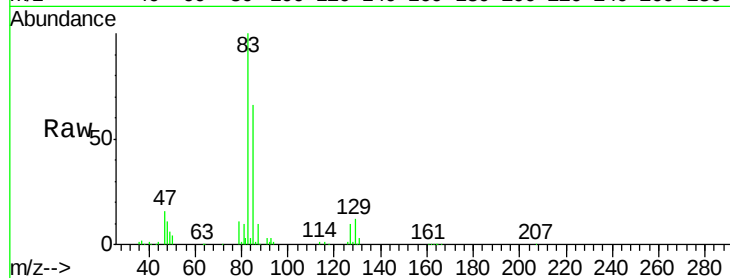
Tgt Ion: 83 Resp: 73449

Ion Ratio Lower Upper

83 100

85 66.5 51.9 77.9

127 10.4 7.1 10.7



#48

Methyl methacrylate

Concen: 21.71 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

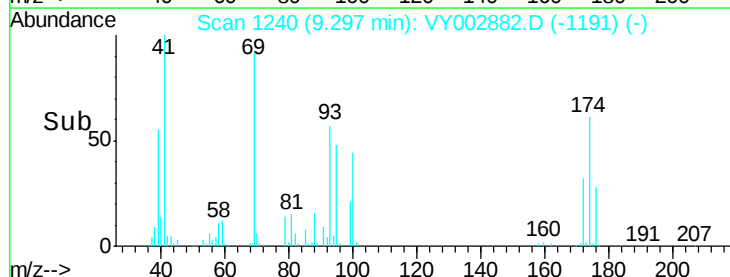
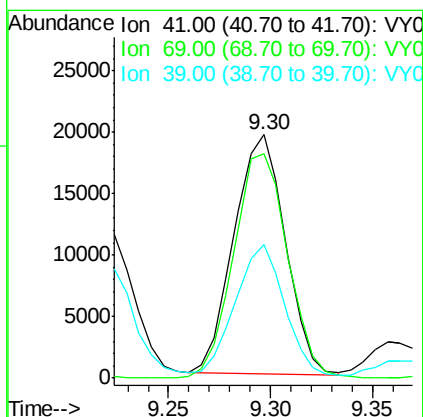
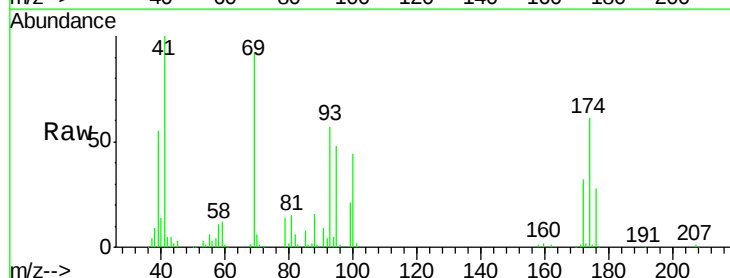
Tgt Ion: 41 Resp: 34093

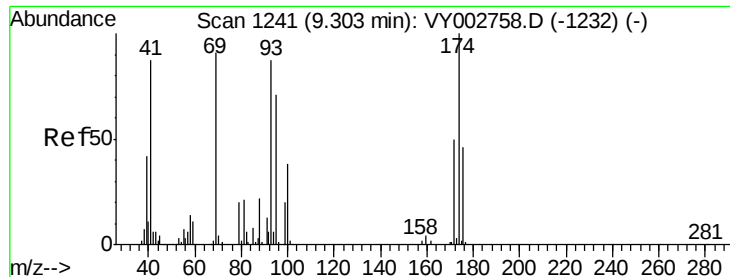
Ion Ratio Lower Upper

41 100

69 98.5 79.7 119.5

39 54.9 43.3 64.9

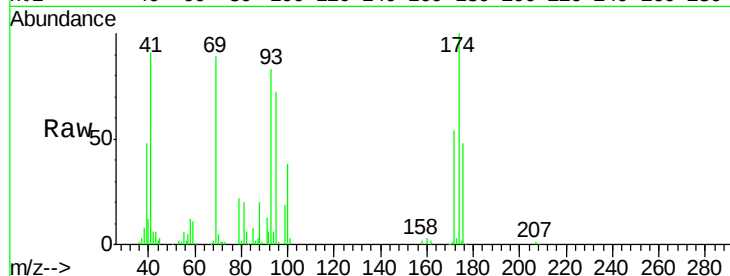




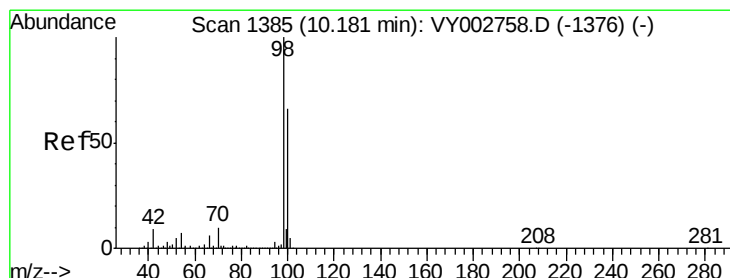
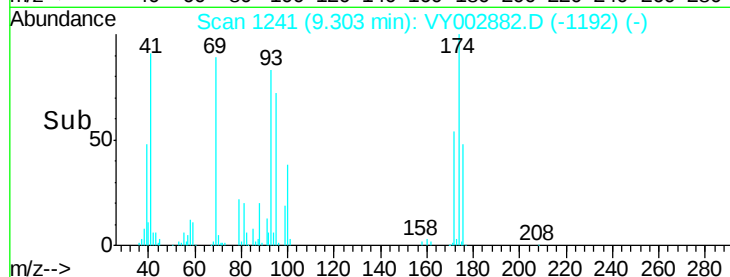
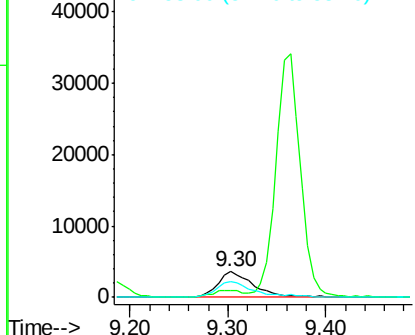
#49
1,4-Dioxane
Concen: 423.06 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 88 Resp: 9224
Ion Ratio Lower Upper
88 100
43 24.9 21.3 31.9
58 66.9 52.2 78.2

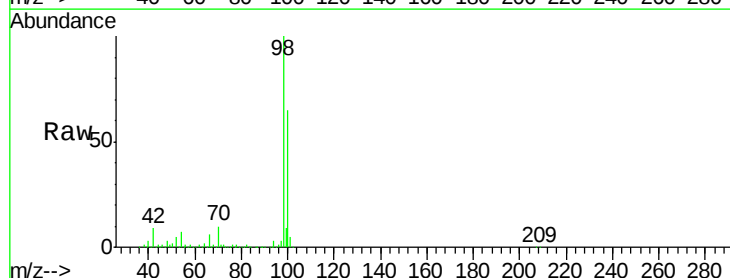


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

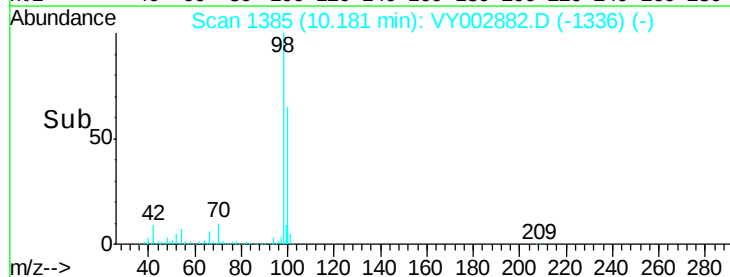
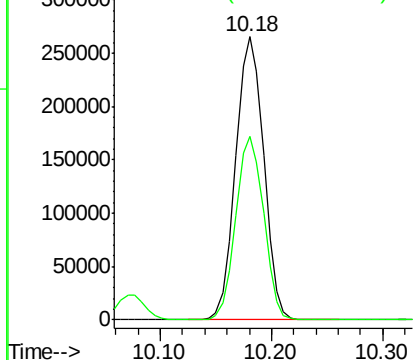


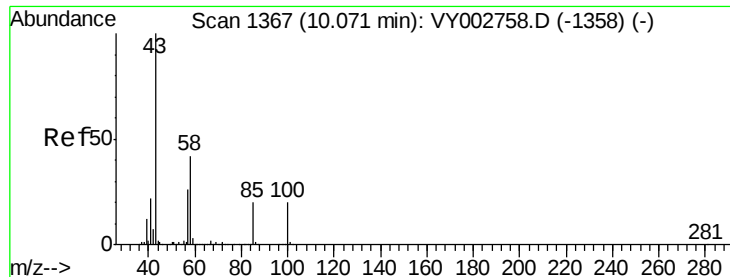
#50
Toluene-d8
Concen: 48.69 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion: 98 Resp: 462140
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 113.08 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

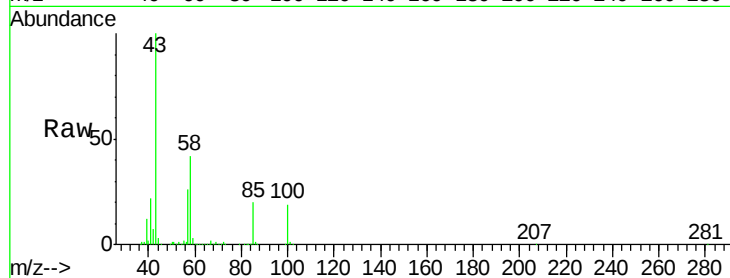
VY0611SBS01

Tgt Ion: 43 Resp: 208321

Ion Ratio Lower Upper

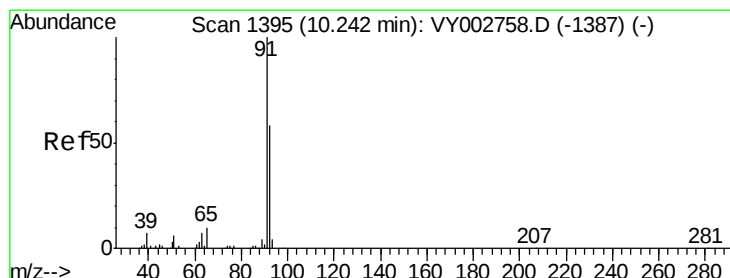
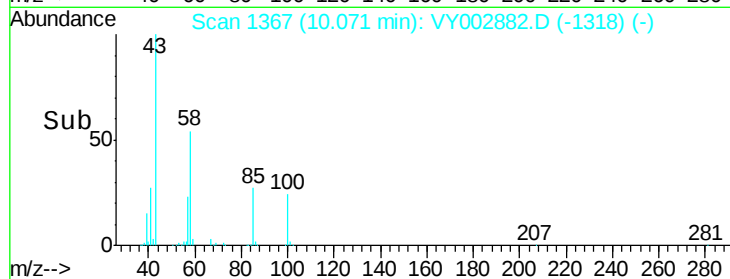
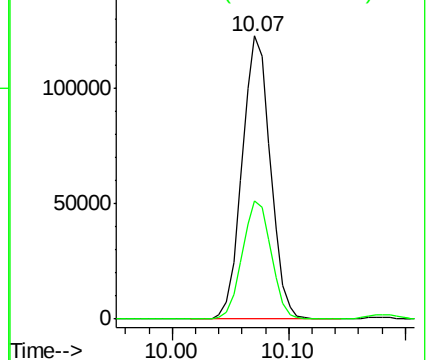
43 100

58 42.4 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.62 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002882.D

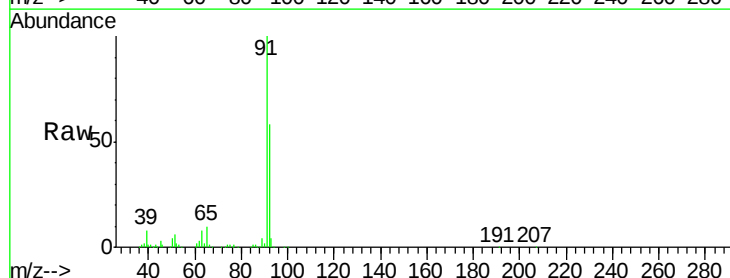
Acq: 11 Jun 2020 11:24

Tgt Ion: 92 Resp: 141016

Ion Ratio Lower Upper

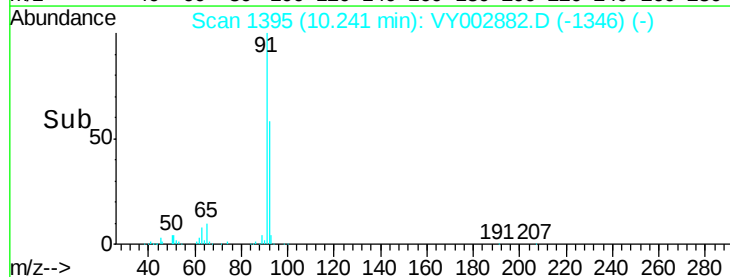
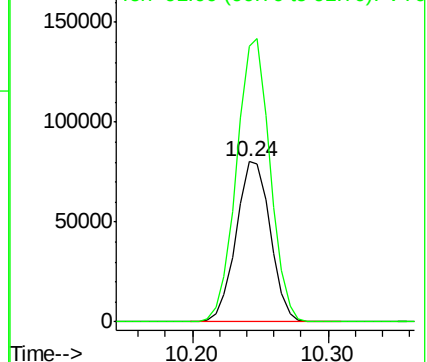
92 100

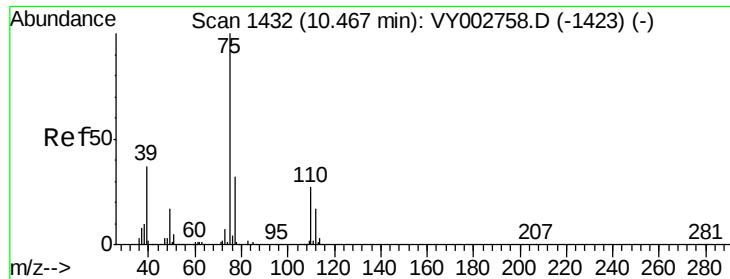
91 172.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 22.13 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

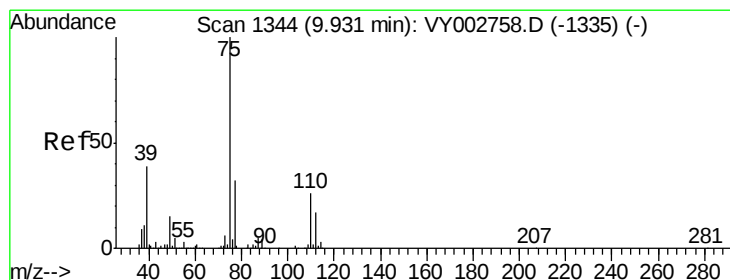
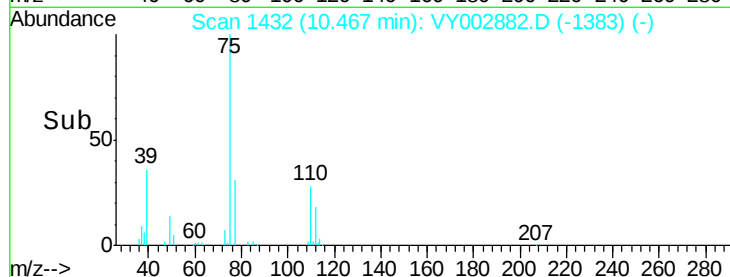
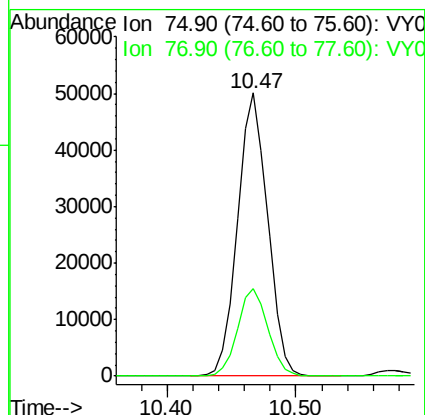
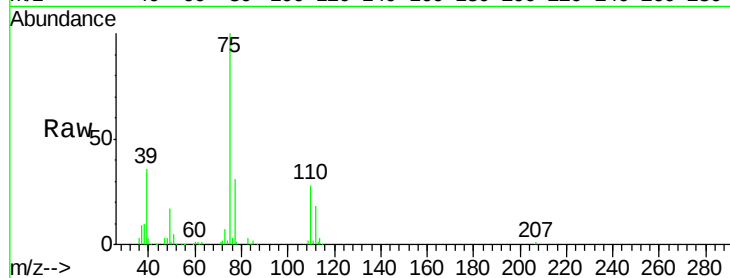
VY0611SBS01

Tgt Ion: 75 Resp: 80916

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.87 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

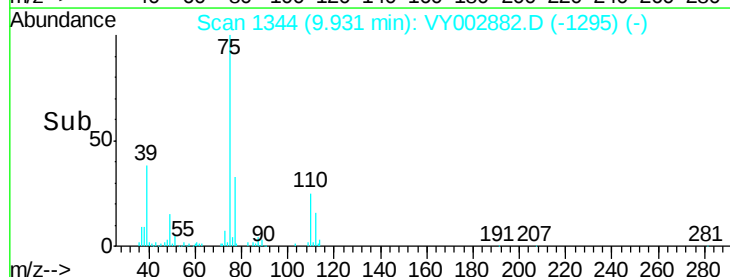
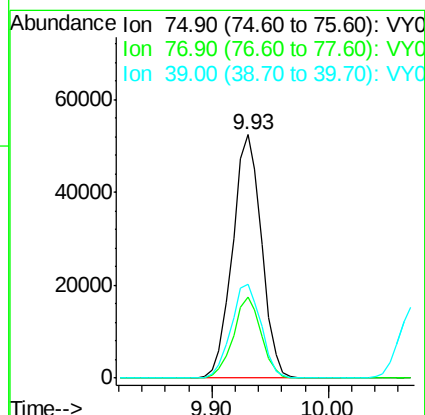
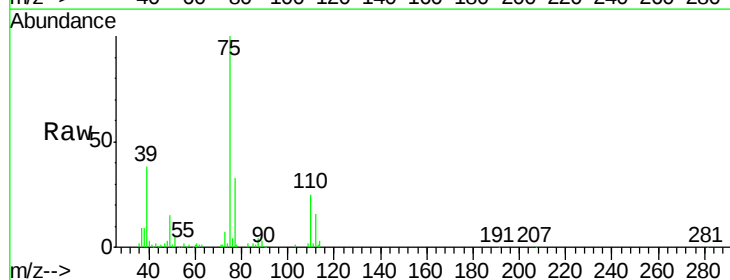
Tgt Ion: 75 Resp: 90614

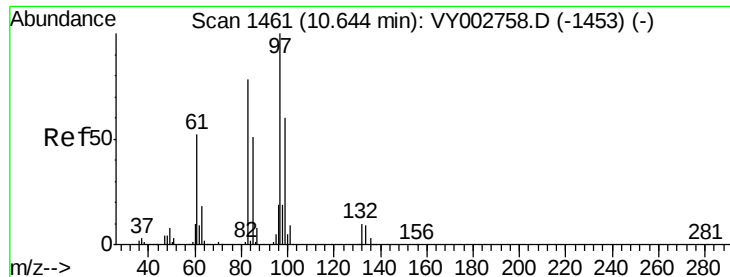
Ion Ratio Lower Upper

75 100

77 33.0 25.6 38.4

39 38.5 31.3 46.9

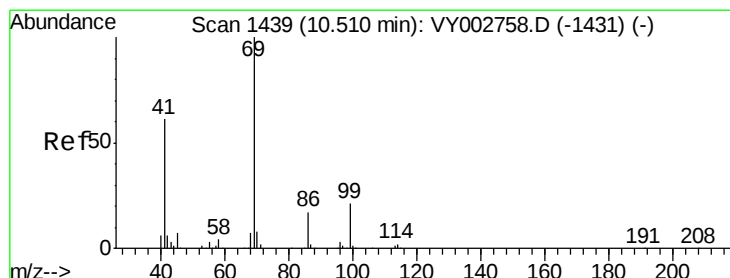
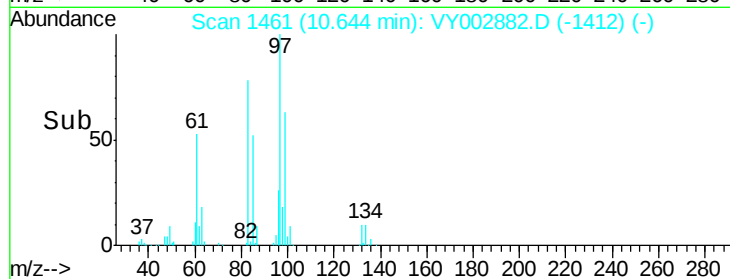
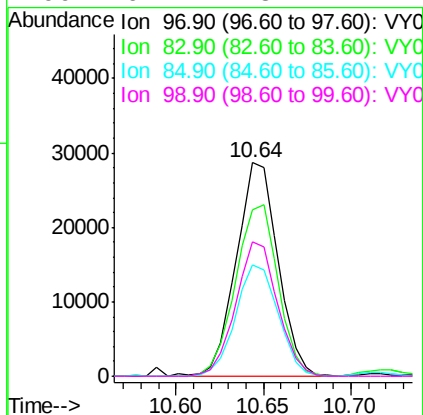
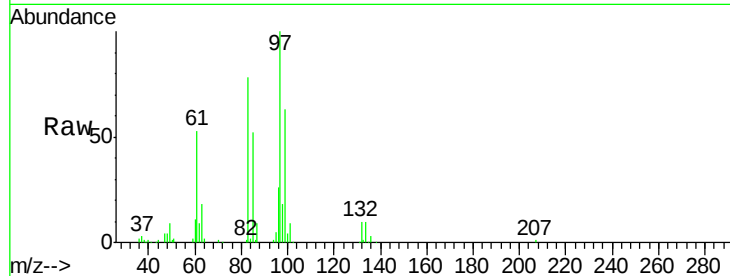




#55
 1,1,2-Trichloroethane
 Concen: 21.90 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

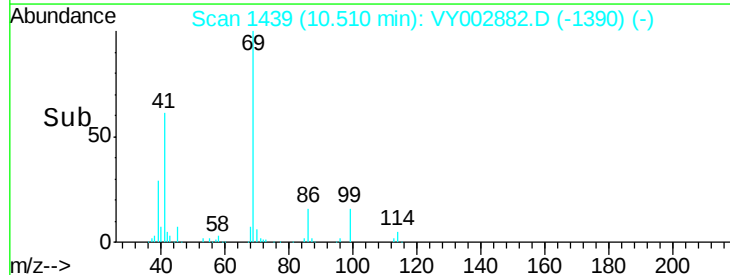
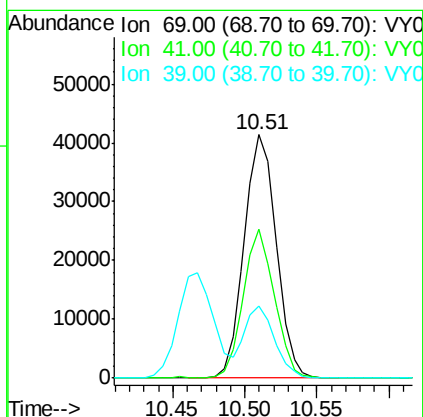
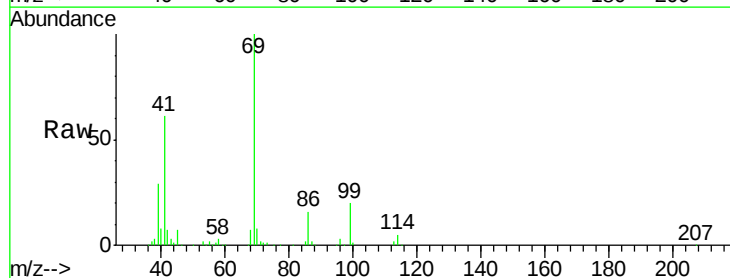
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Tgt Ion: 97 Resp: 47617
 Ion Ratio Lower Upper
 97 100
 83 78.0 62.7 94.1
 85 51.9 40.6 60.8
 99 62.7 48.2 72.4



#56
 Ethyl methacrylate
 Concen: 21.96 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion: 69 Resp: 63940
 Ion Ratio Lower Upper
 69 100
 41 58.7 47.0 70.4
 39 27.8 22.0 33.0





#57

1,3-Dichloropropane

Concen: 22.05 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

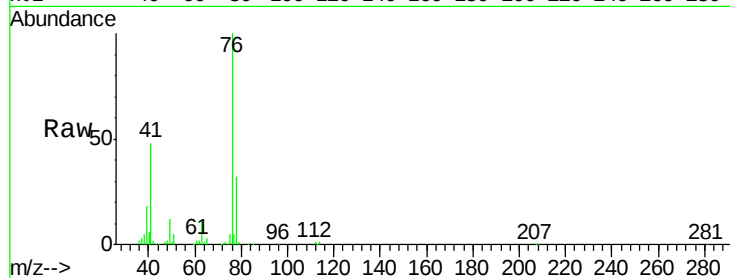
VY0611SBS01

Tgt Ion: 76 Resp: 78837

Ion Ratio Lower Upper

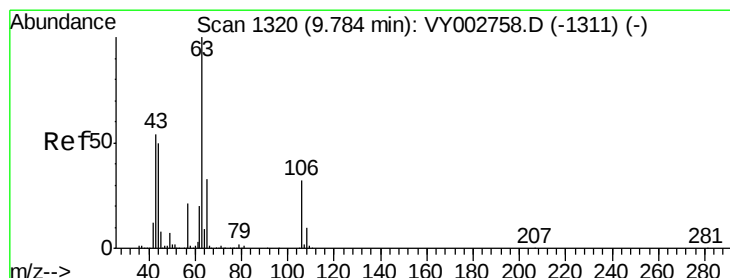
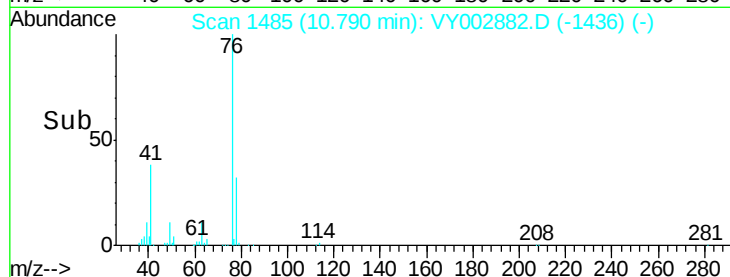
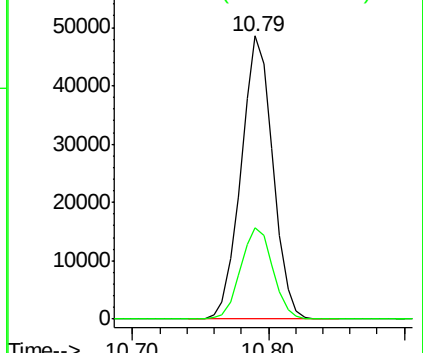
76 100

78 32.8 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: 108.11 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002882.D

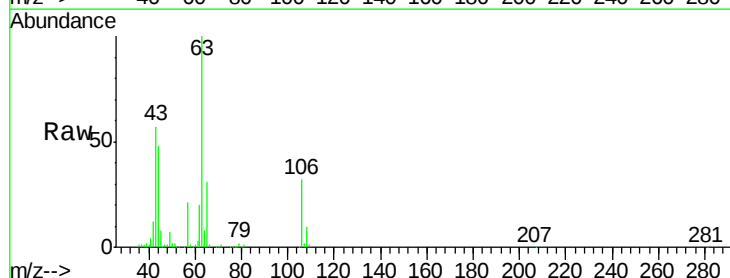
Acq: 11 Jun 2020 11:24

Tgt Ion: 63 Resp: 153814

Ion Ratio Lower Upper

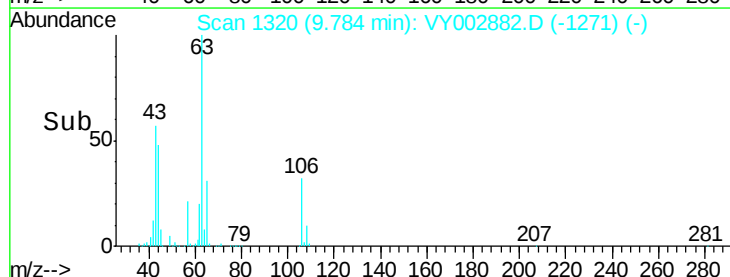
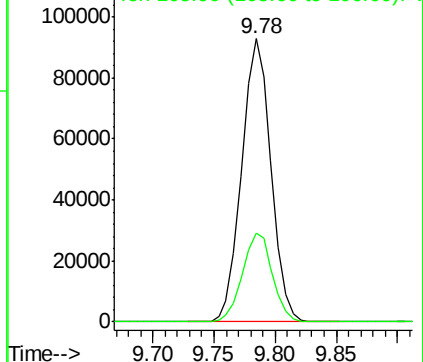
63 100

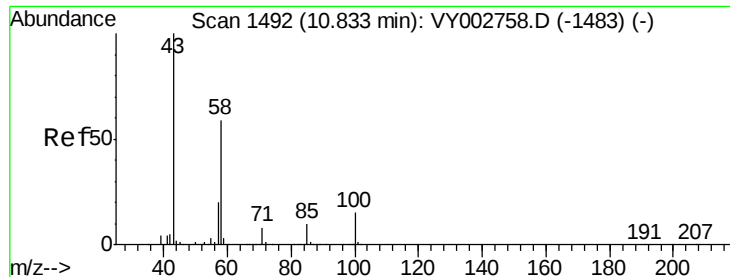
106 31.9 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

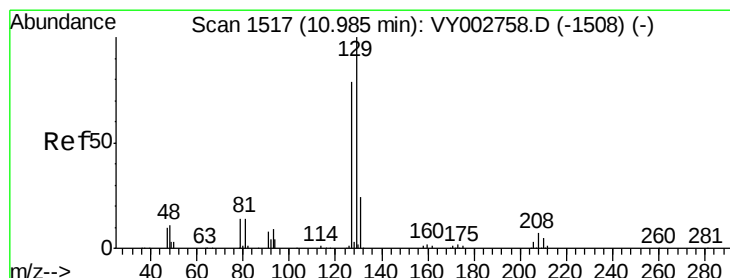
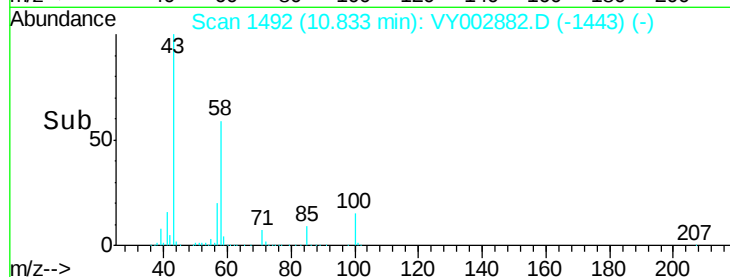
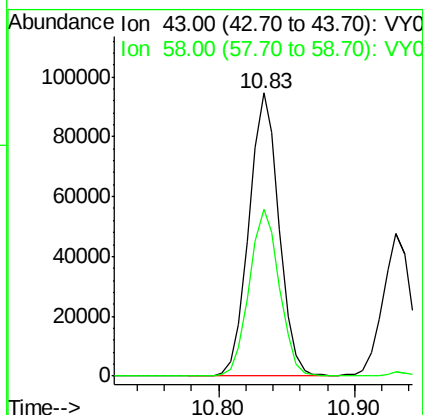
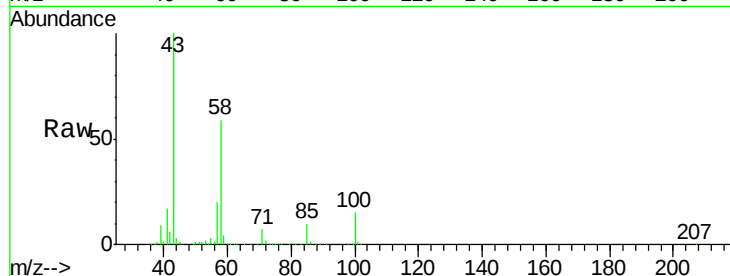




#59
2-Hexanone
Concen: 112.03 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

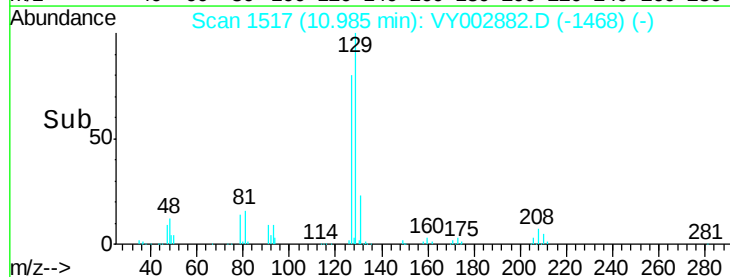
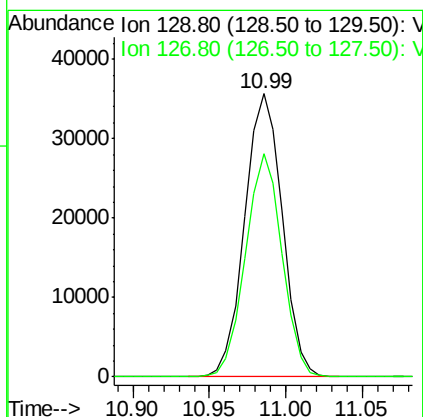
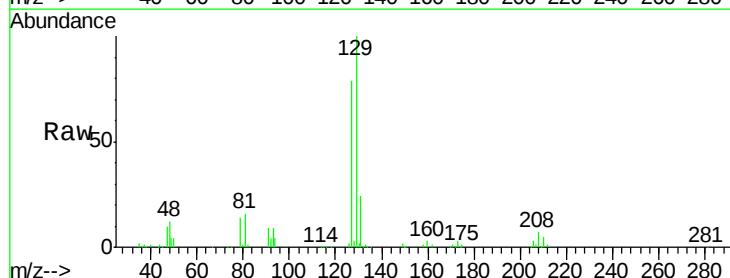
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

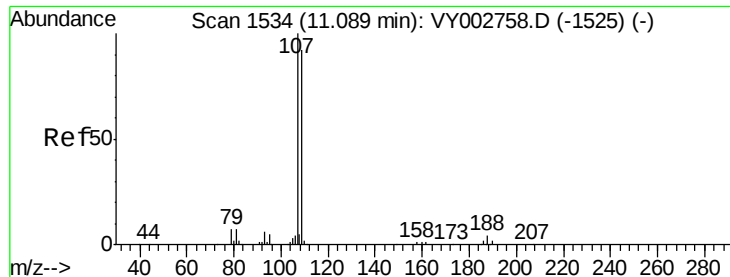
Tgt Ion: 43 Resp: 146436
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 22.06 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion: 129 Resp: 60793
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

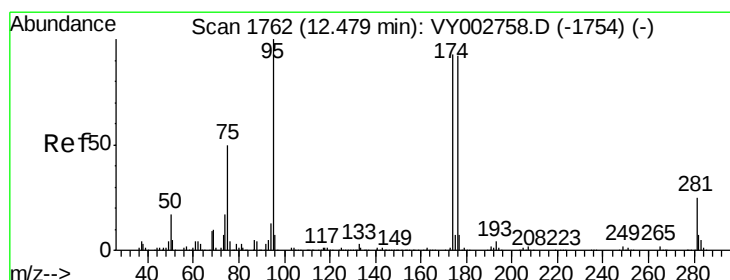
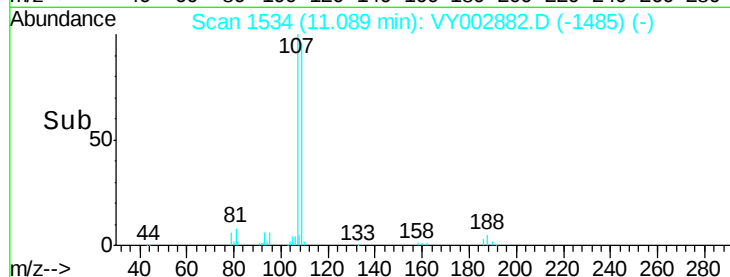
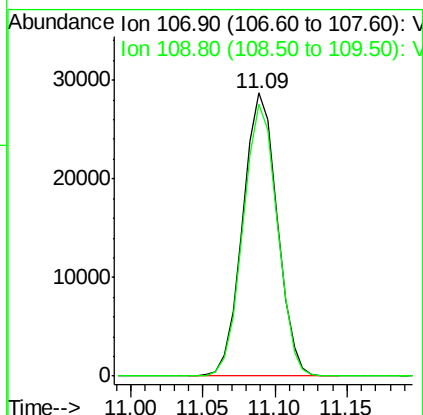
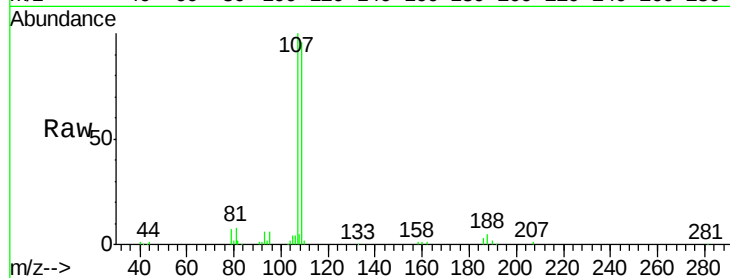




#61
 1,2-Dibromoethane
 Concen: 22.17 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

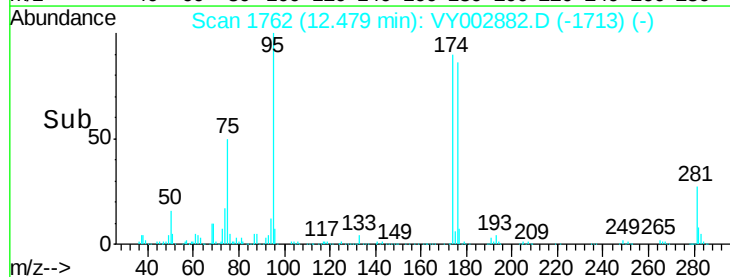
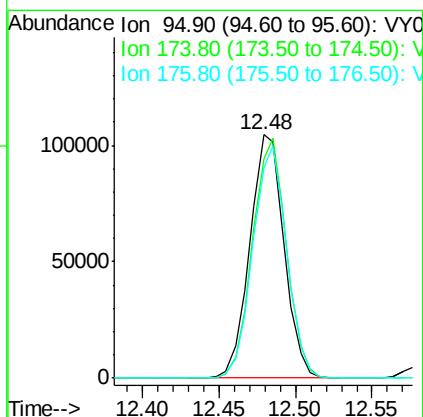
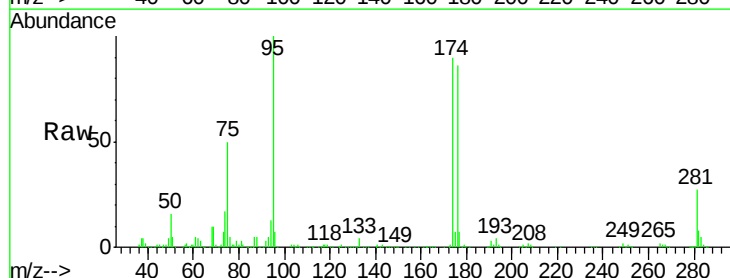
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

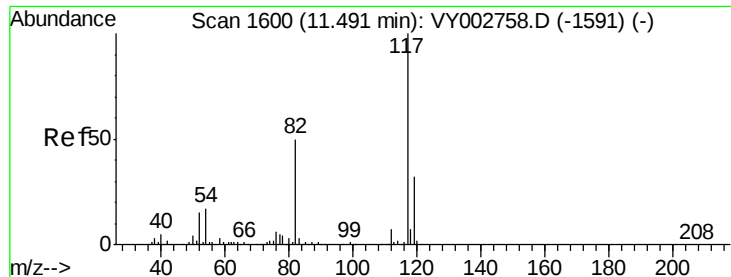
Tgt Ion: 107 Resp: 47553
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.13 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion: 95 Resp: 162614
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 191.2
 176 94.4 0.0 188.8

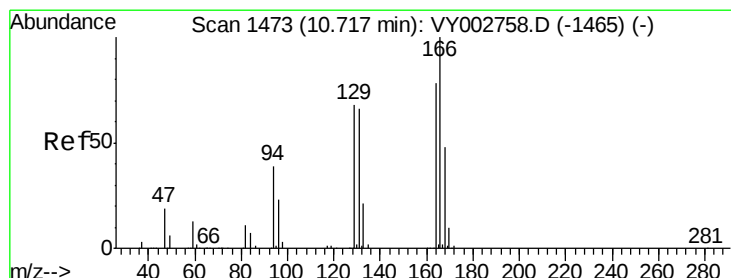
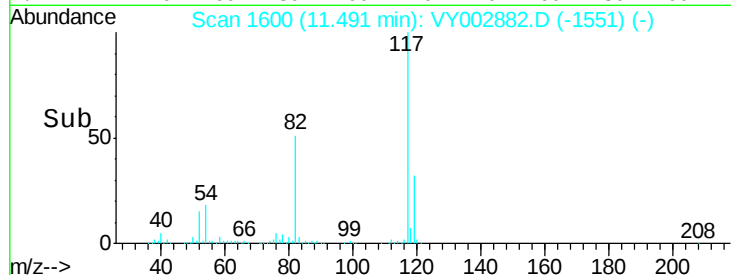
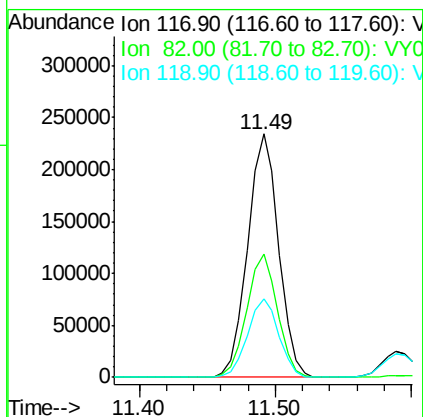
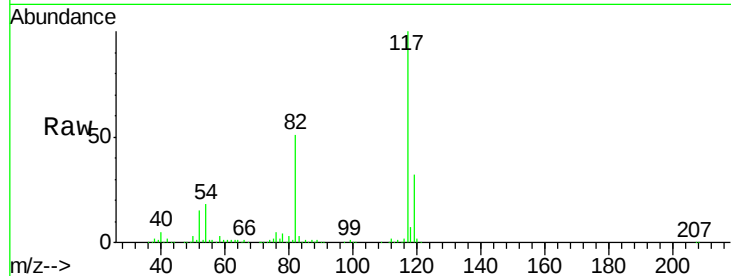




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

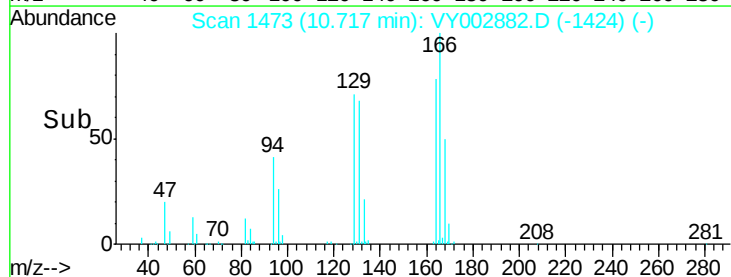
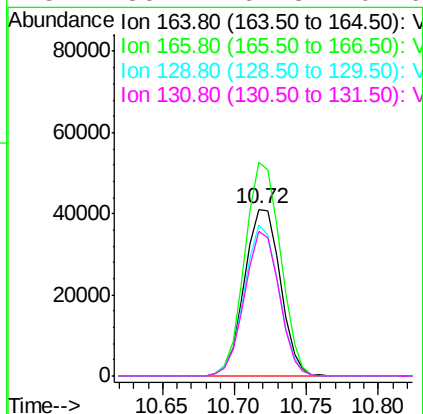
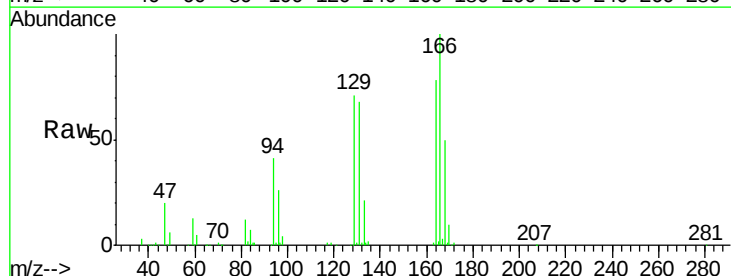
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

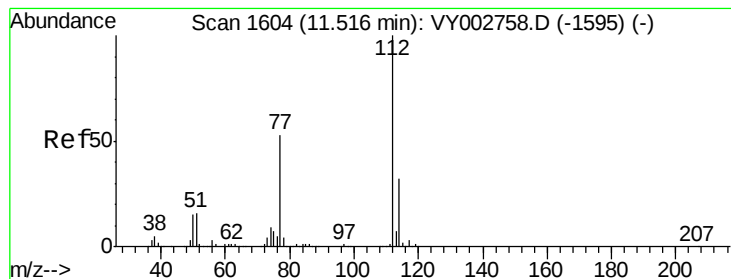
Tgt Ion:117 Resp: 373256
Ion Ratio Lower Upper
117 100
82 50.5 40.2 60.4
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 20.94 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion:164 Resp: 71043
Ion Ratio Lower Upper
164 100
166 128.0 102.3 153.5
129 90.5 69.4 104.2
131 86.7 67.8 101.6





#65

Chlorobenzene

Concen: 21.55 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

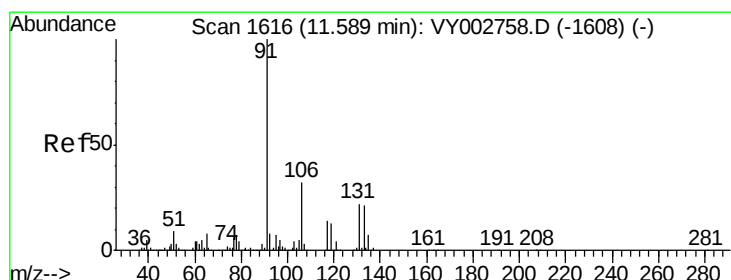
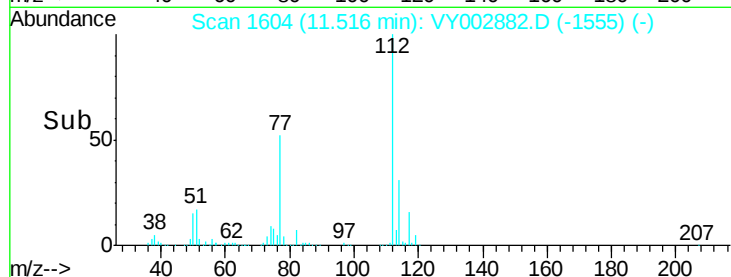
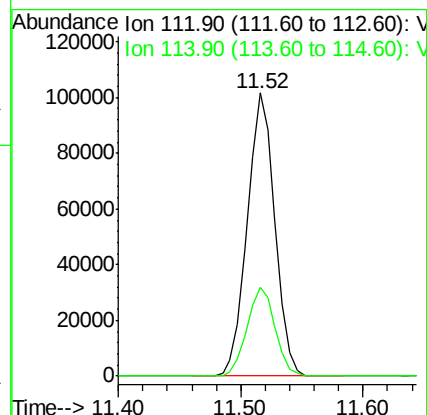
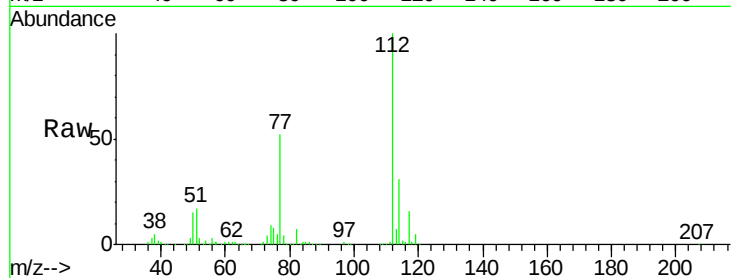
VY0611SBS01

Tgt Ion:112 Resp: 158981

Ion Ratio Lower Upper

112 100

114 31.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 21.67 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

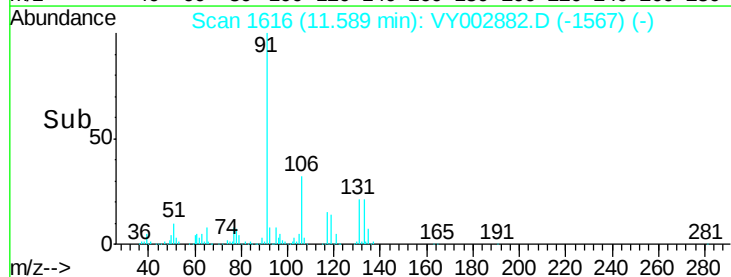
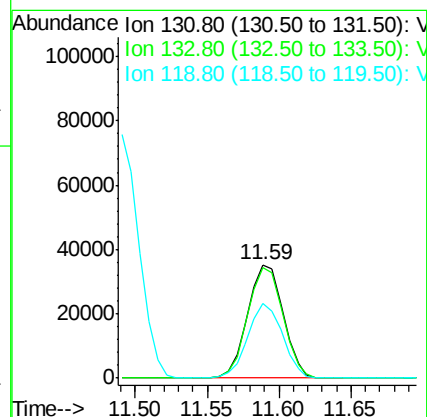
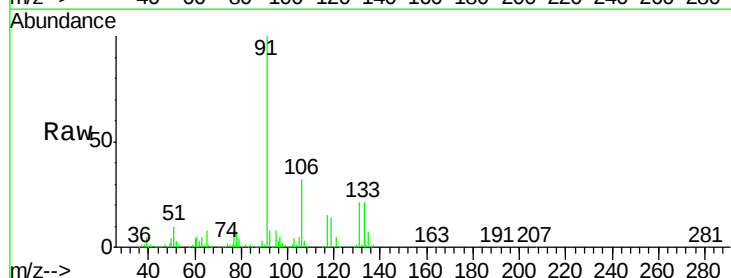
Tgt Ion:131 Resp: 60215

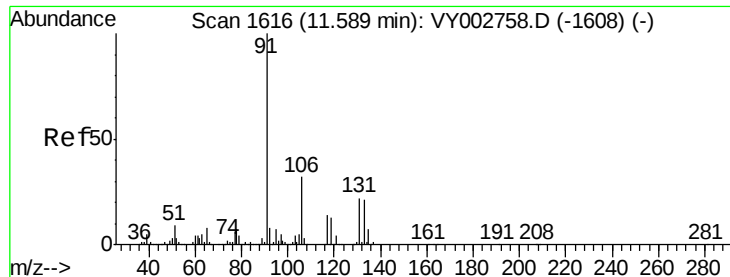
Ion Ratio Lower Upper

131 100

133 96.8 47.6 142.8

119 64.3 31.7 95.1

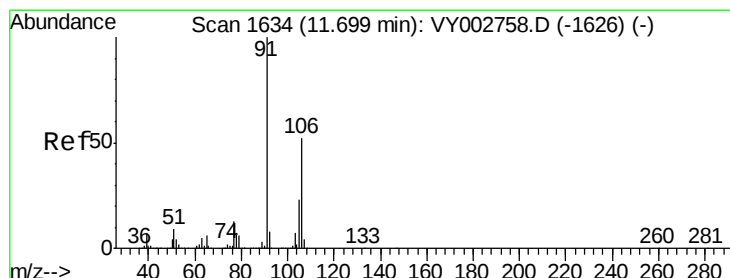
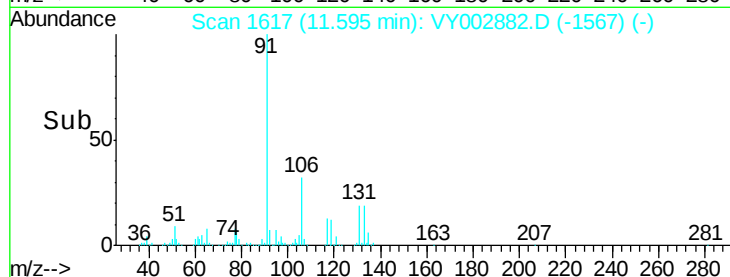
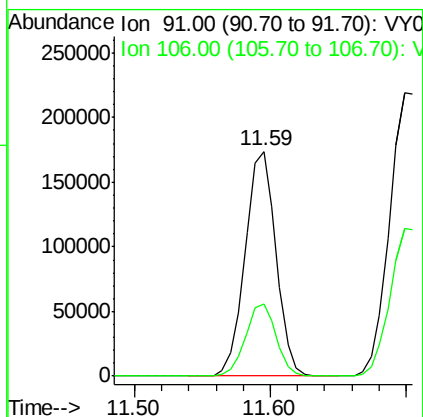
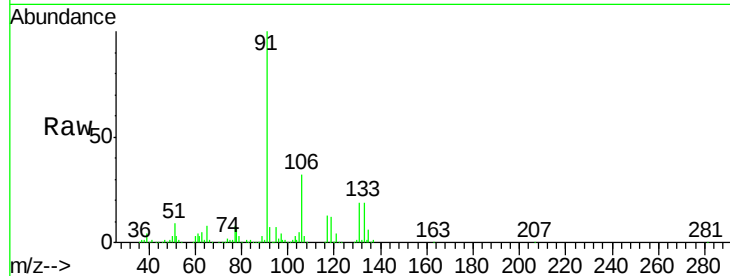




#67
Ethyl Benzene
Concen: 21.56 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

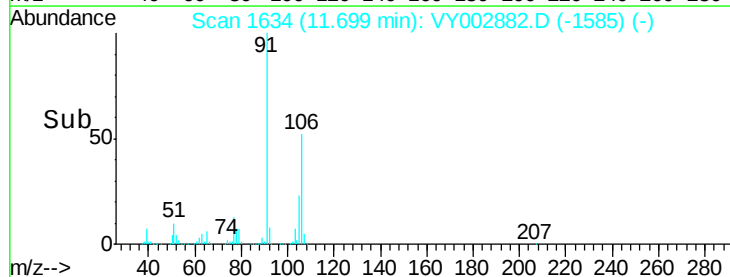
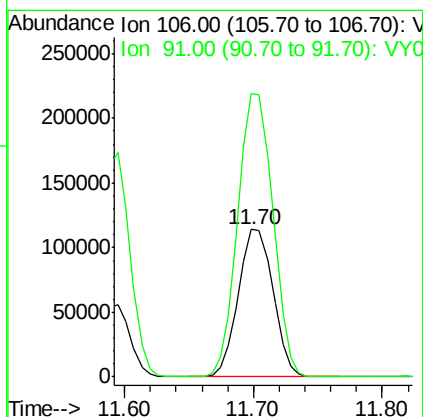
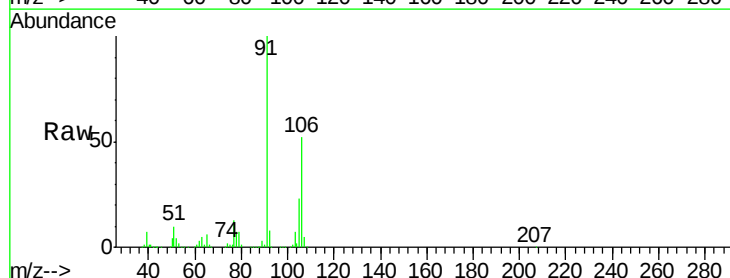
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 91 Resp: 275683
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5



#68
m/p-Xylenes
Concen: 43.23 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion: 106 Resp: 214356
Ion Ratio Lower Upper
106 100
91 193.9 156.0 234.0

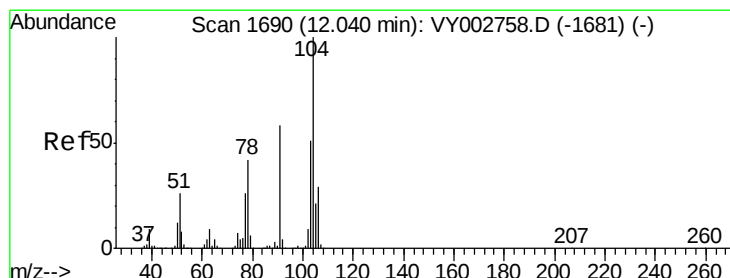
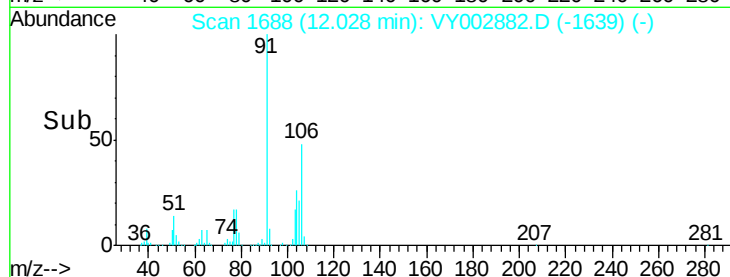
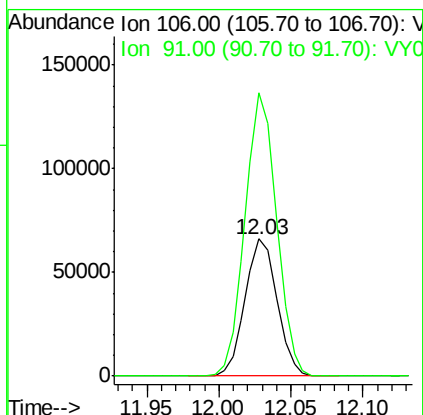
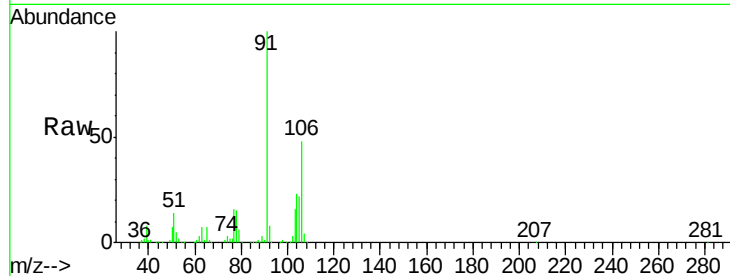




#69
o-Xylene
Concen: 21.72 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

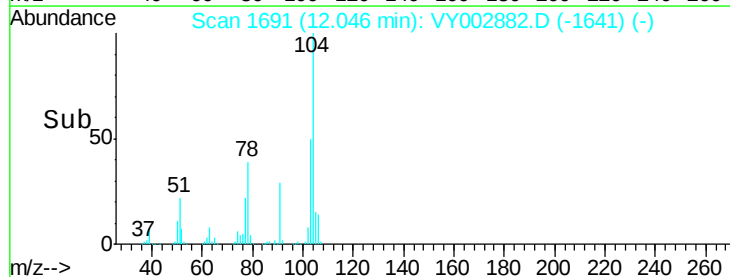
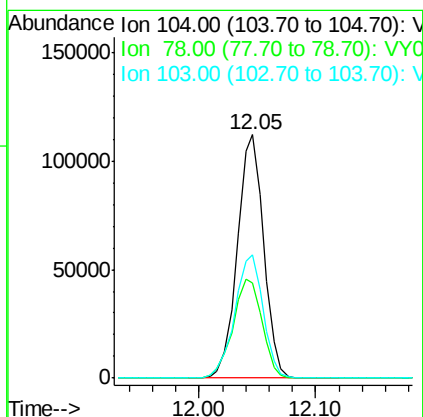
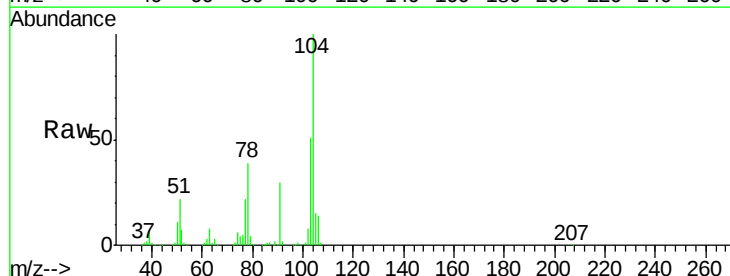
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

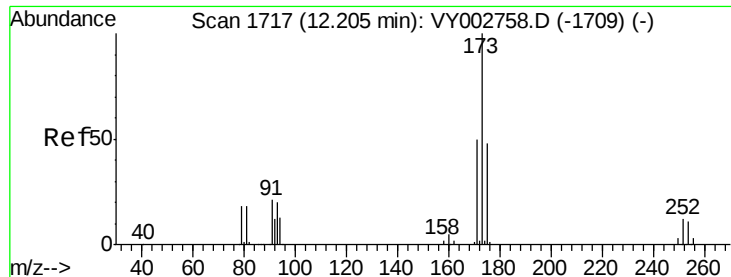
Tgt Ion:106 Resp: 101660
Ion Ratio Lower Upper
106 100
91 204.3 102.4 307.1



#70
Styrene
Concen: 21.75 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion:104 Resp: 176525
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 22.35 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

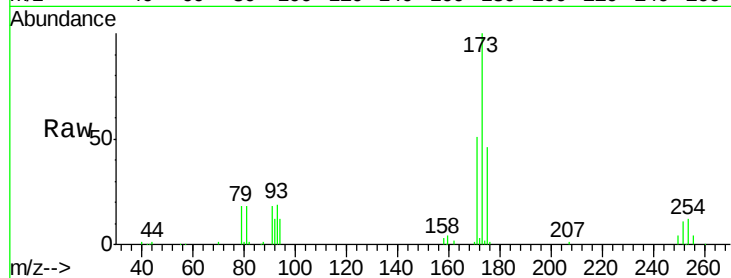
Tgt Ion:173 Resp: 41555

Ion Ratio Lower Upper

173 100

175 48.0 24.3 72.8

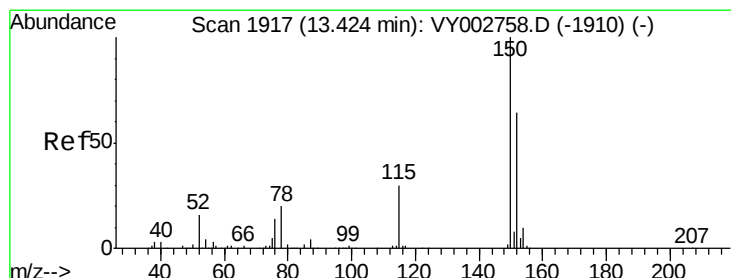
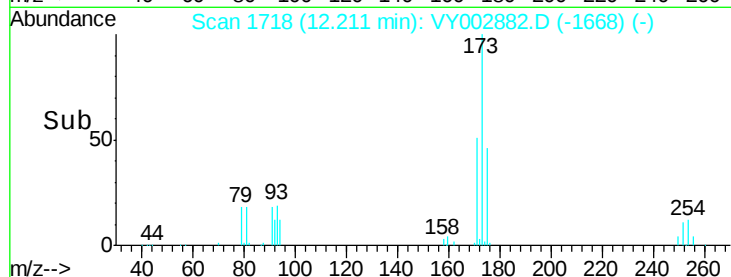
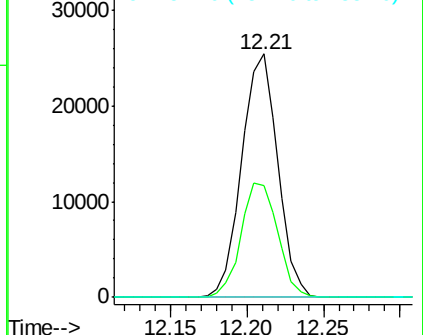
254 0.0 0.1 0.1#



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: VY002882.D

Acq: 11 Jun 2020 11:24

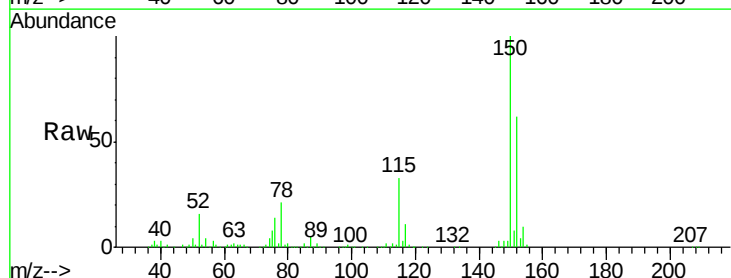
Tgt Ion:152 Resp: 205332

Ion Ratio Lower Upper

152 100

115 53.0 27.0 81.0

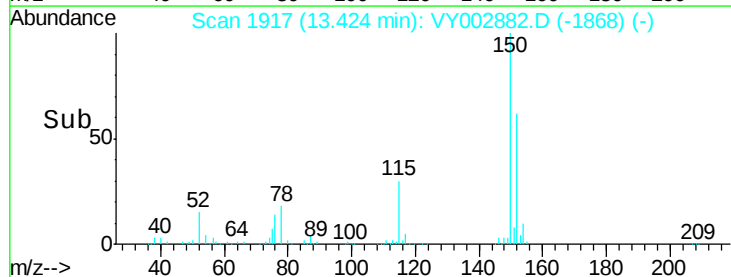
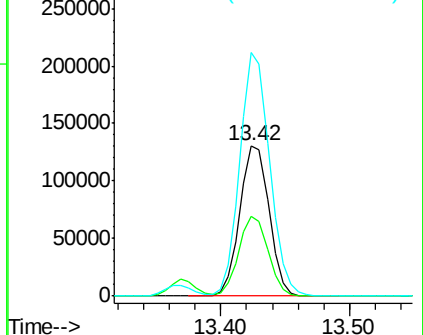
150 165.3 0.0 344.8

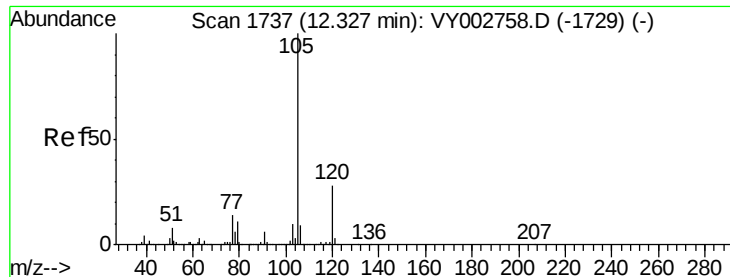


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.08 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

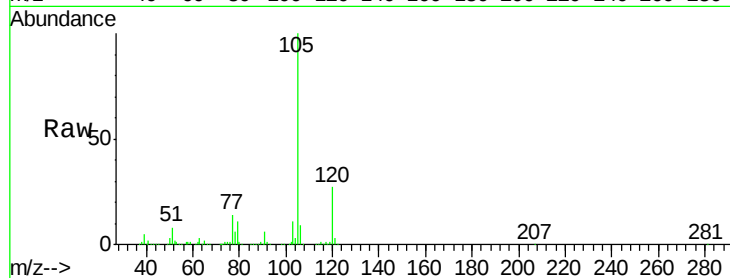
VY0611SBS01

Tgt Ion: 105 Resp: 277421

Ion Ratio Lower Upper

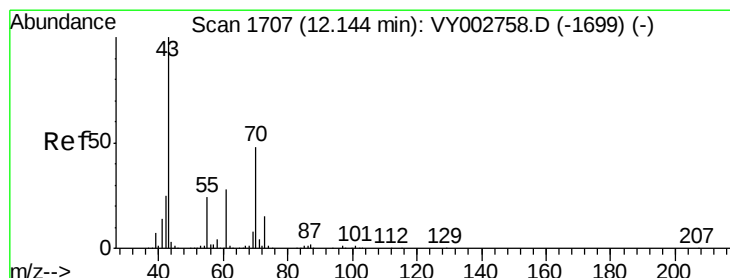
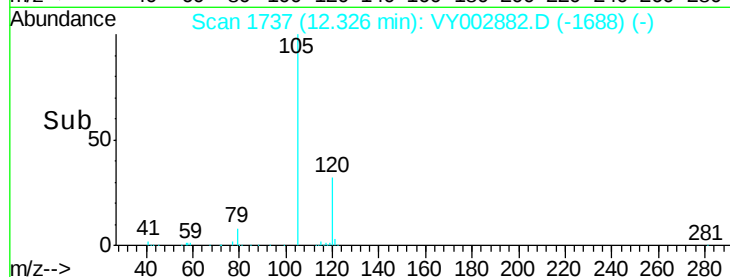
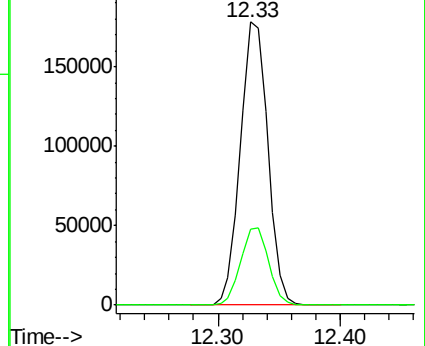
105 100

120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.33 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Tgt Ion: 43 Resp: 72003

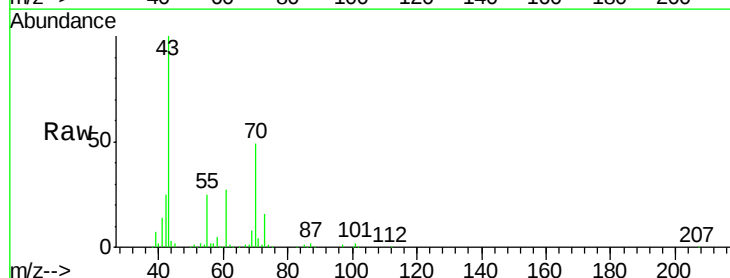
Ion Ratio Lower Upper

43 100

70 48.9 37.7 56.5

55 25.2 19.8 29.6

61 26.8 21.7 32.5

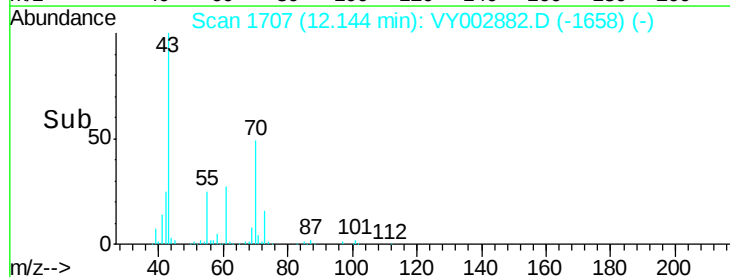
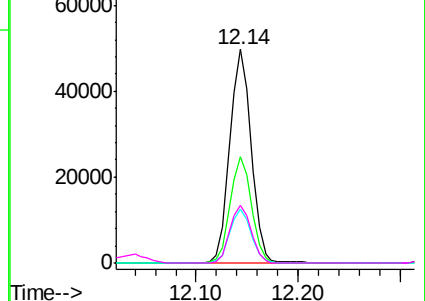


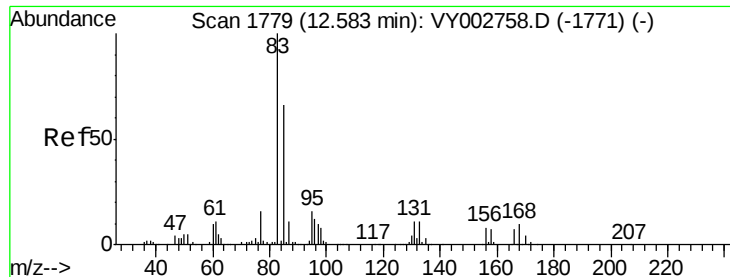
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.17 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

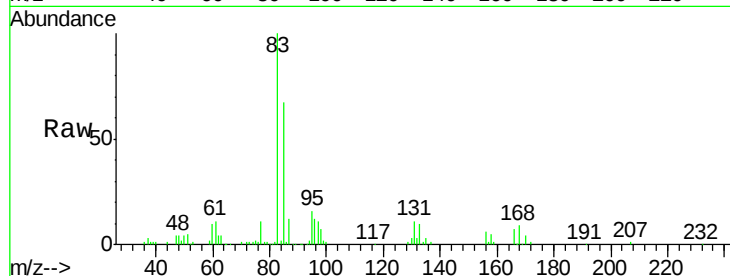
Tgt Ion: 83 Resp: 51181

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

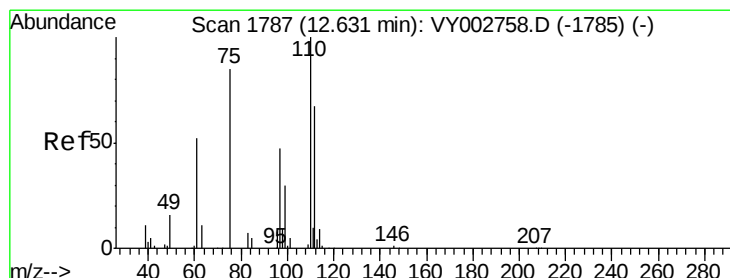
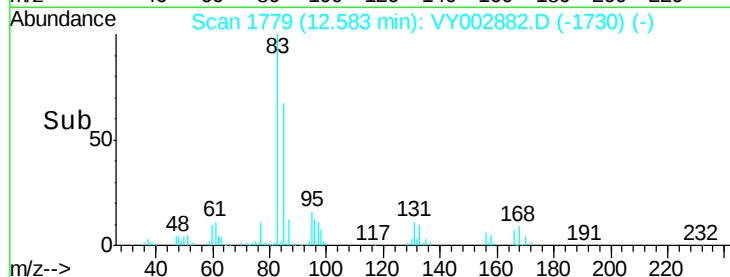
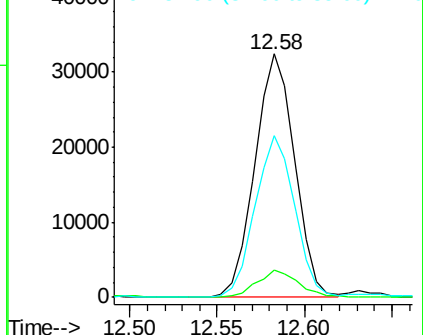
85 66.4 32.6 98.0



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: 40.56 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002882.D

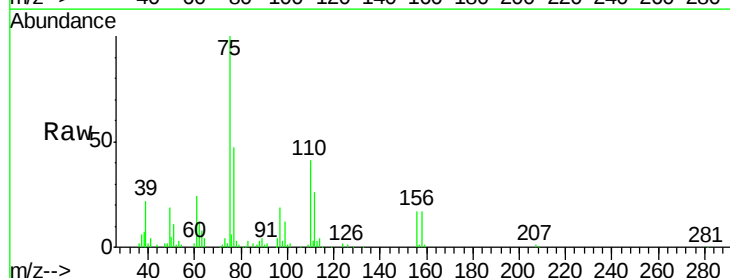
Acq: 11 Jun 2020 11:24

Tgt Ion: 75 Resp: 75051

Ion Ratio Lower Upper

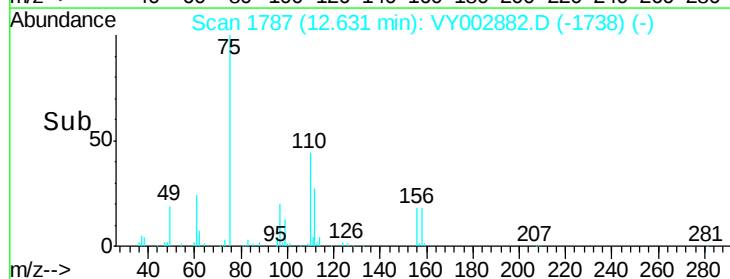
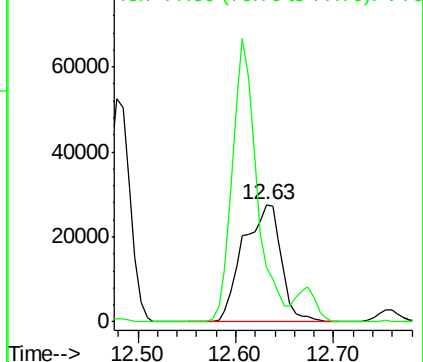
75 100

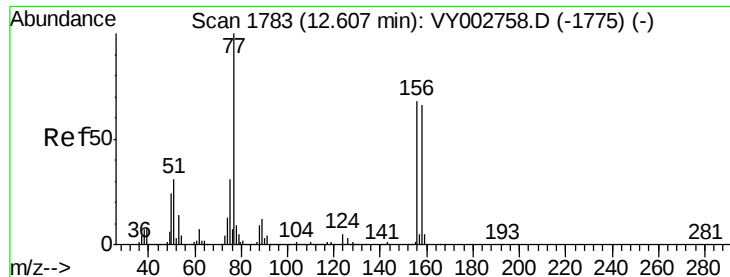
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.66 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

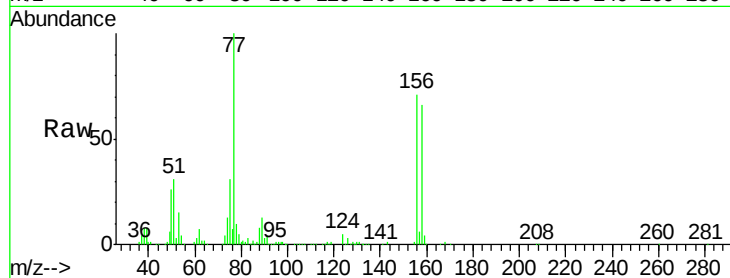
Tgt Ion:156 Resp: 74223

Ion Ratio Lower Upper

156 100

77 158.1 81.4 244.2

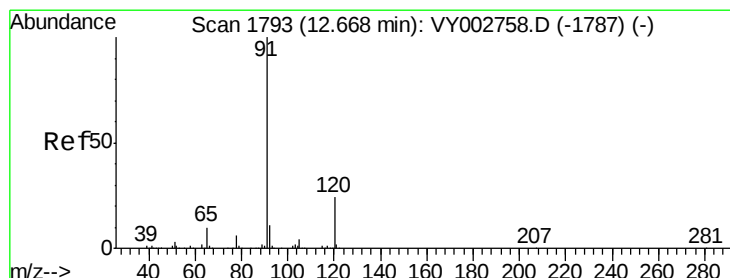
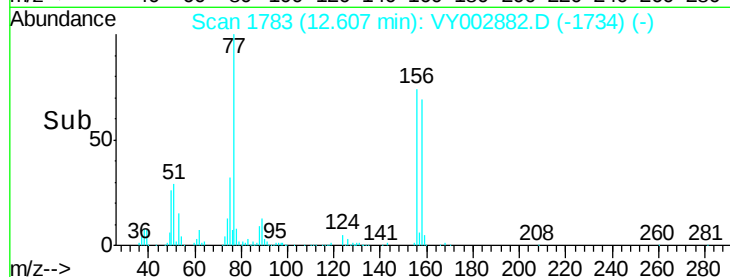
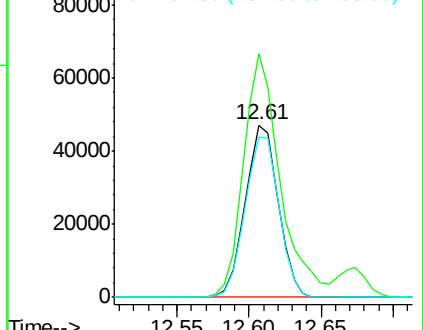
158 96.1 48.5 145.6



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: 21.26 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002882.D

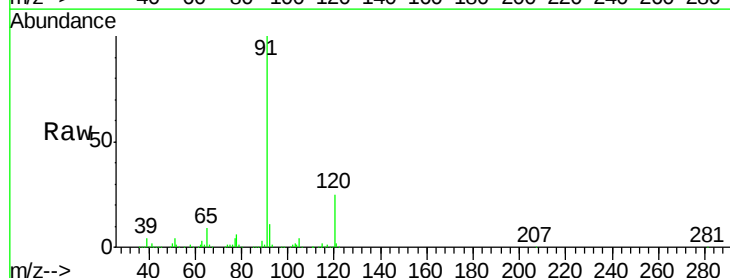
Acq: 11 Jun 2020 11:24

Tgt Ion: 91 Resp: 323118

Ion Ratio Lower Upper

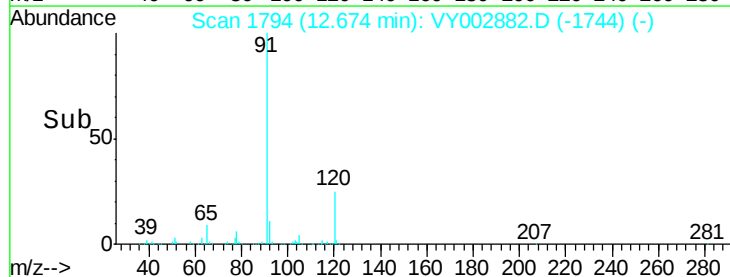
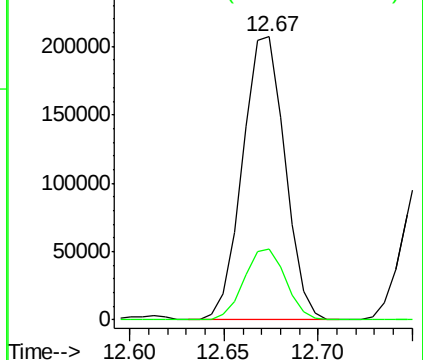
91 100

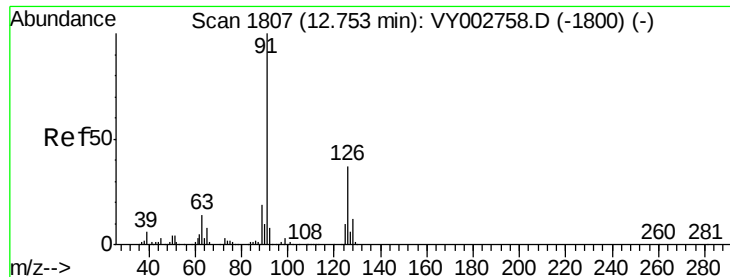
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.96 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

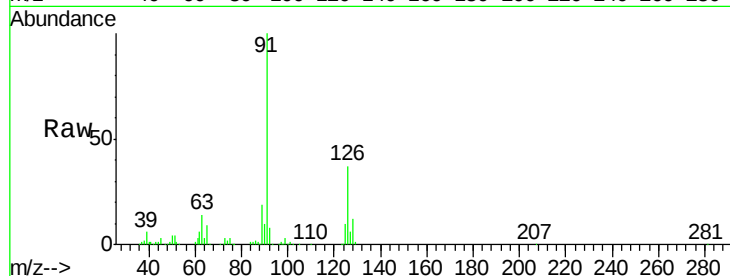
VY0611SBS01

Tgt Ion: 91 Resp: 178752

Ion Ratio Lower Upper

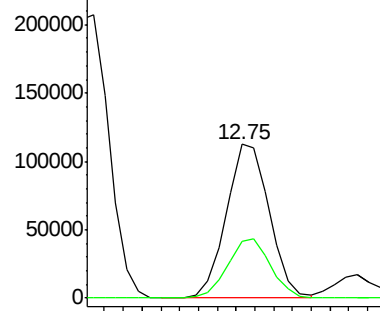
91 100

126 38.2 18.4 55.4

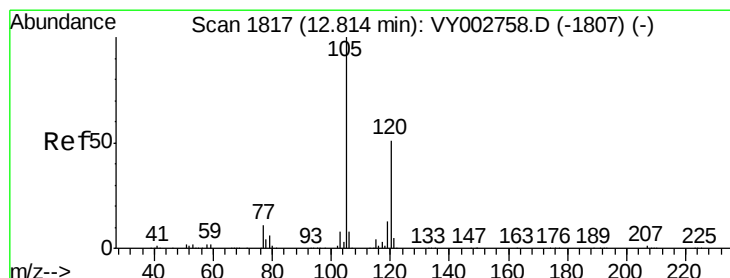
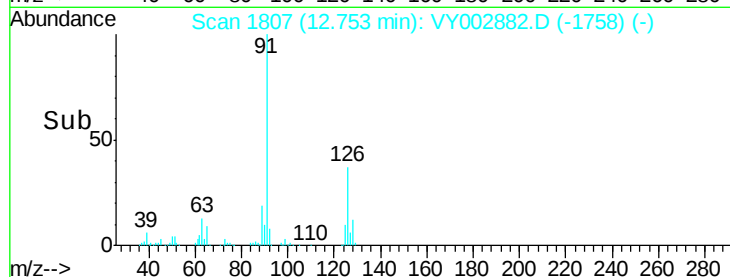


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.61 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002882.D

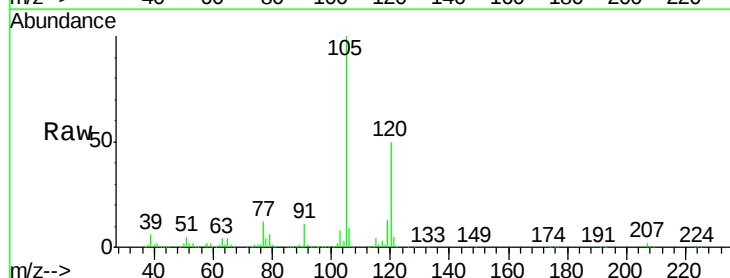
Acq: 11 Jun 2020 11:24

Tgt Ion: 105 Resp: 237390

Ion Ratio Lower Upper

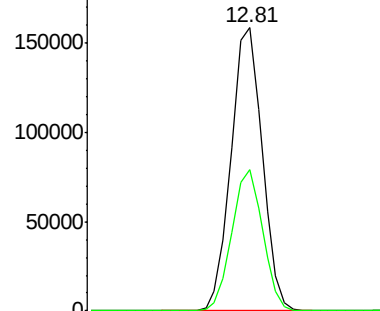
105 100

120 49.4 25.3 75.8

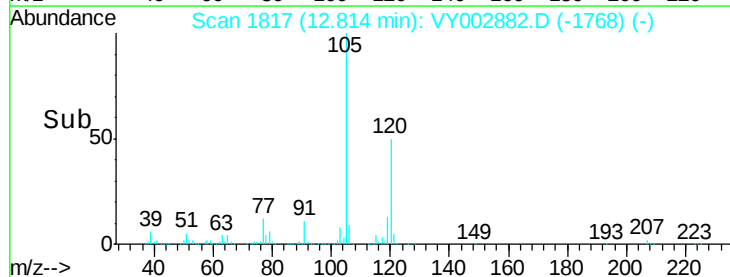


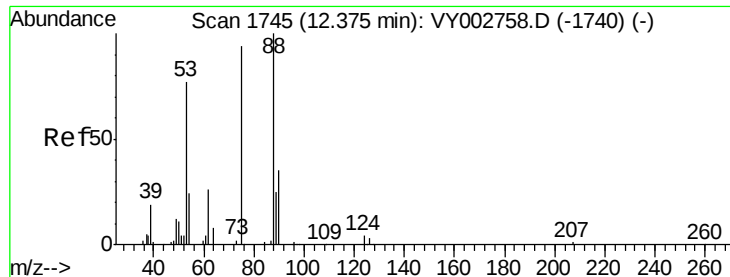
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.66 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

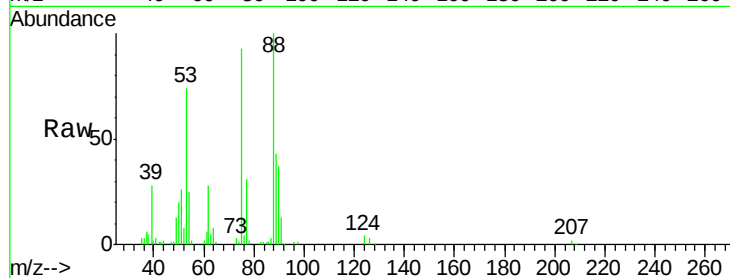
Tgt Ion: 75 Resp: 21267

Ion Ratio Lower Upper

75 100

53 79.1 64.0 96.0

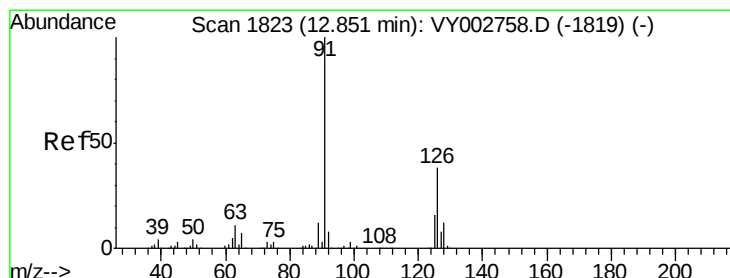
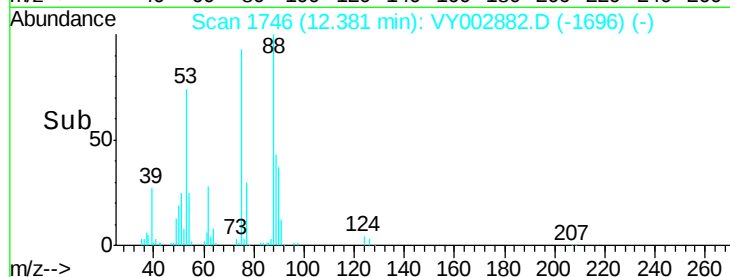
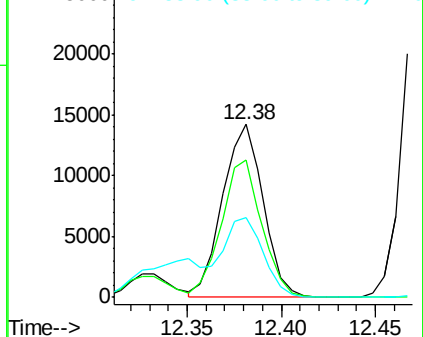
89 47.3 37.4 56.2



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: 21.51 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002882.D

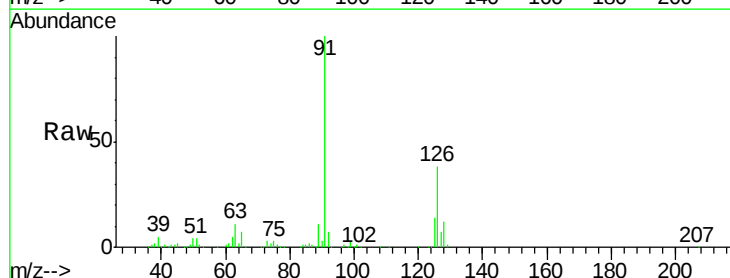
Acq: 11 Jun 2020 11:24

Tgt Ion: 91 Resp: 192159

Ion Ratio Lower Upper

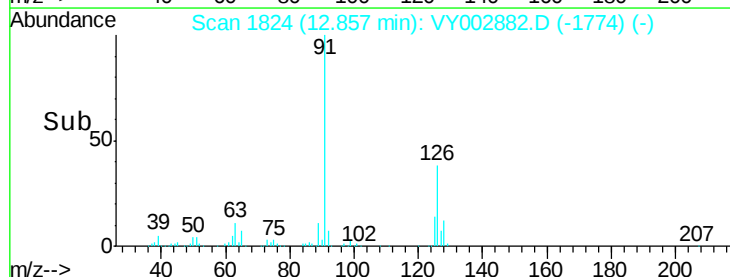
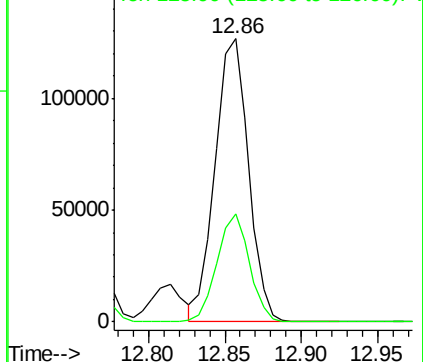
91 100

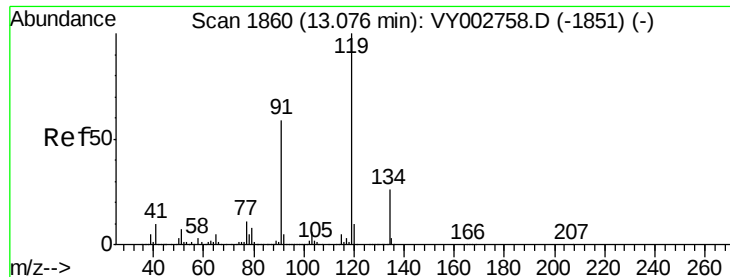
126 36.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

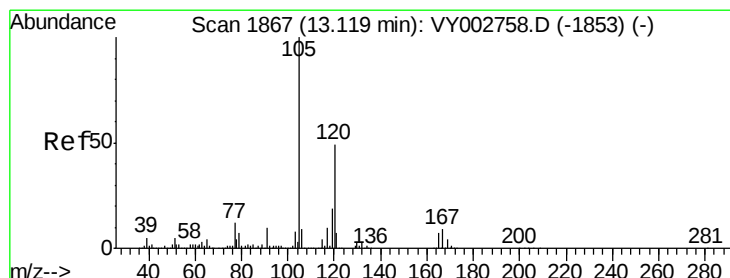
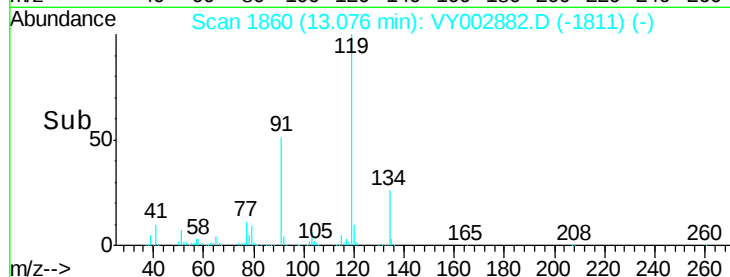
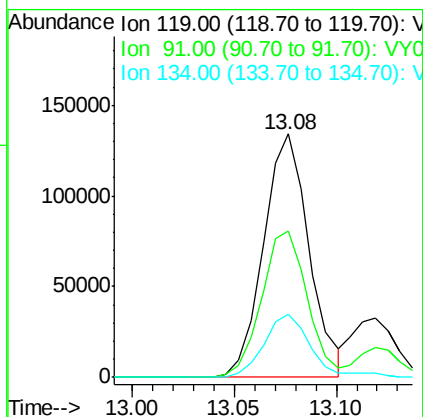
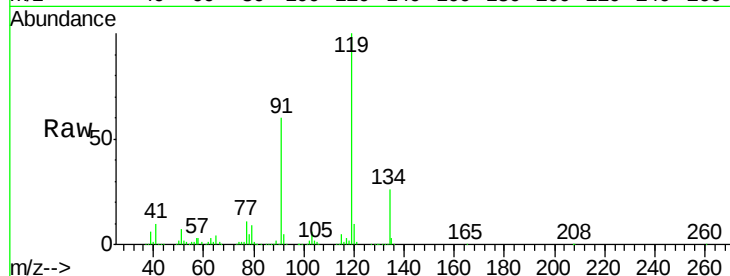




#83
 tert-Butylbenzene
 Concen: 21.30 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

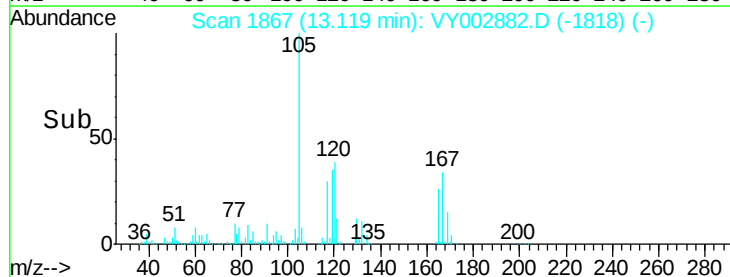
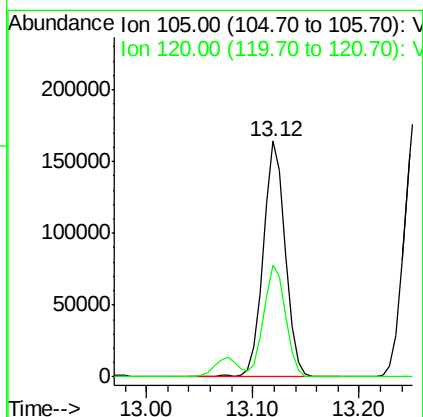
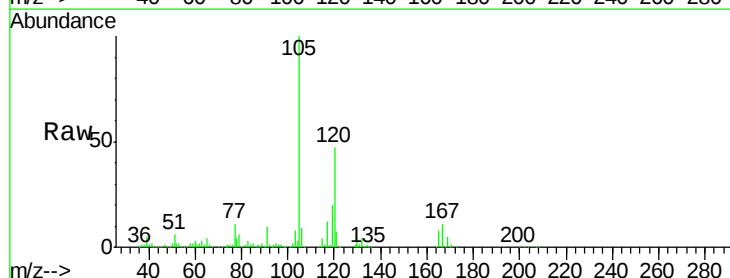
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

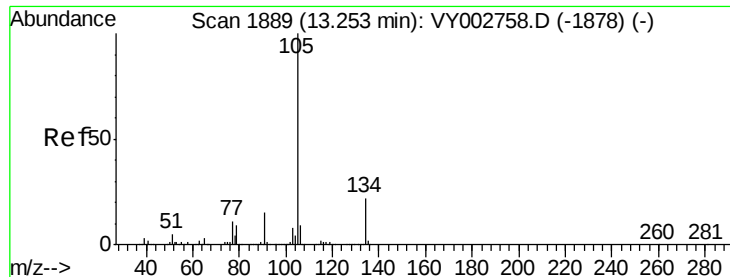
Tgt Ion:119 Resp: 208740
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.8 89.4
 134 26.7 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.50 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion:105 Resp: 237542
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.6 70.8

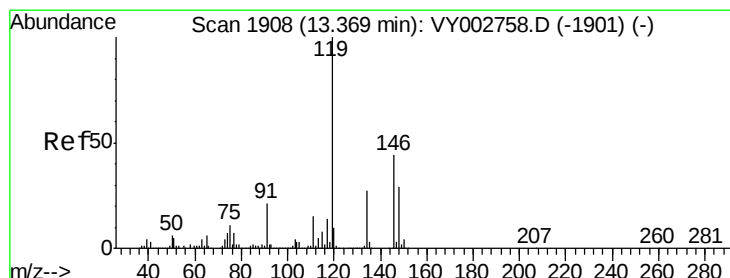
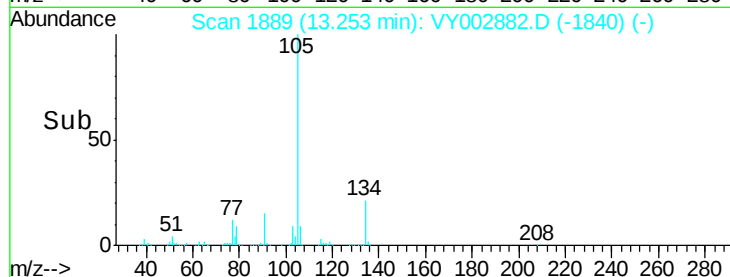
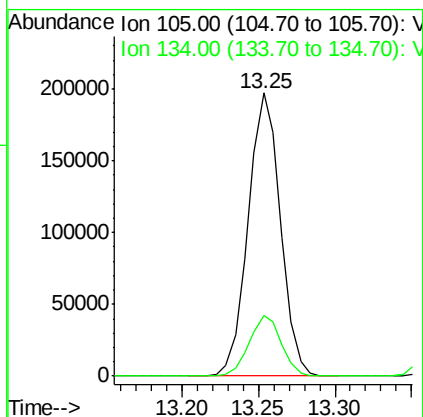
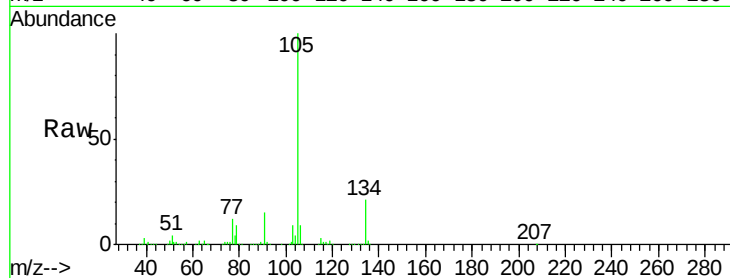




#85
 sec-Butylbenzene
 Concen: 21.56 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

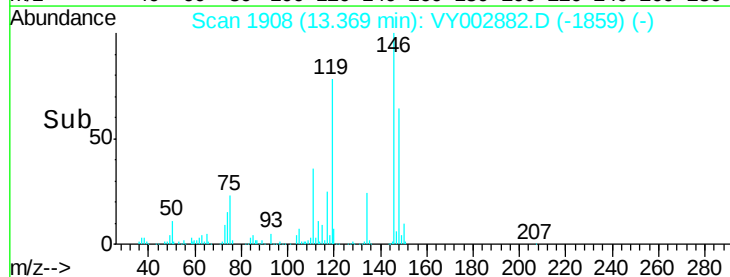
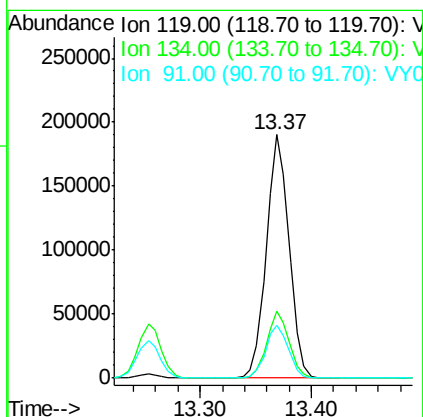
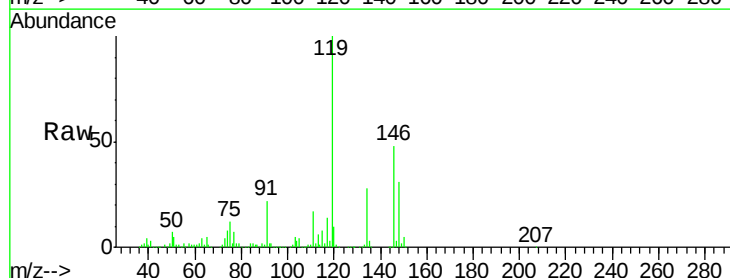
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

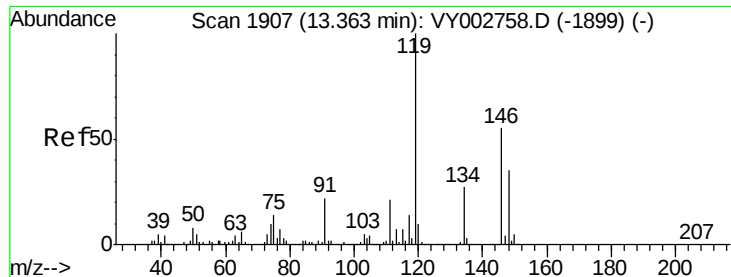
Tgt Ion:105 Resp: 288933
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 21.73 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion:119 Resp: 270911
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.7 41.0
 91 21.7 10.8 32.4

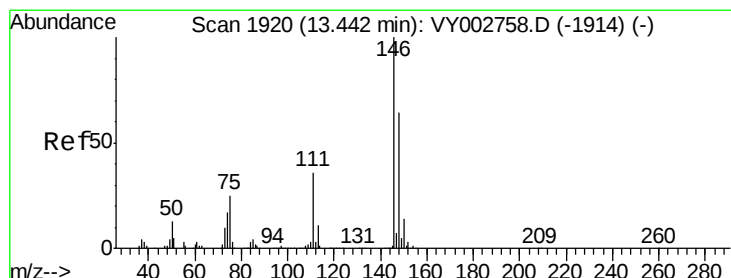
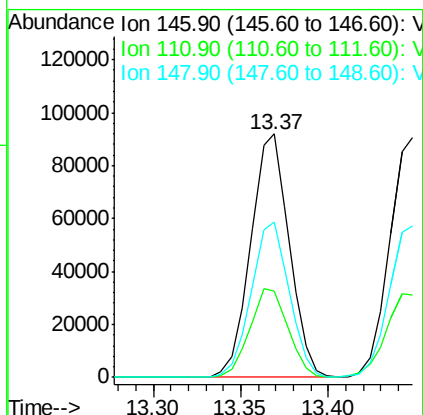
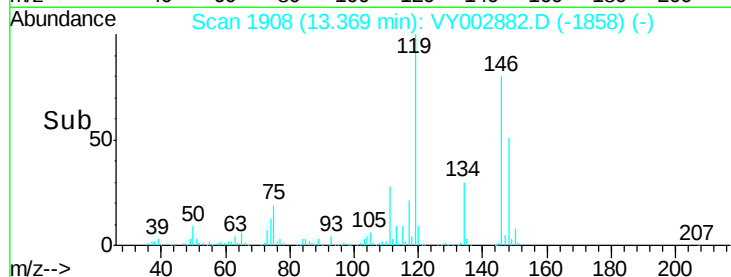
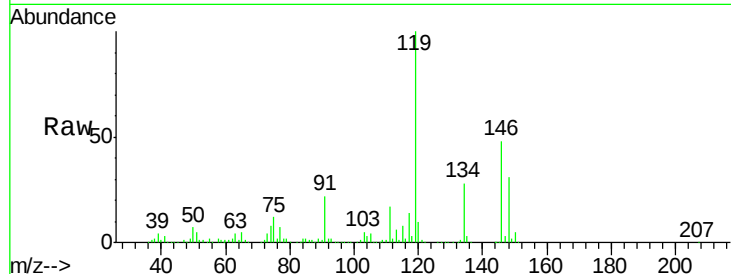




#87
 1,3-Dichlorobenzene
 Concen: 21.61 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

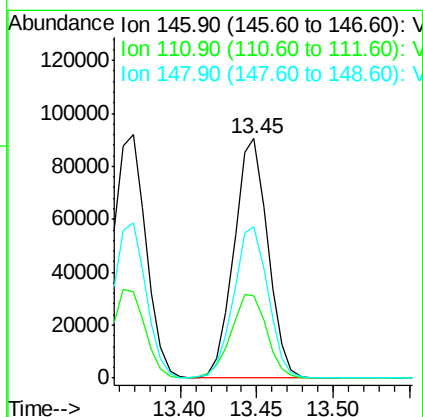
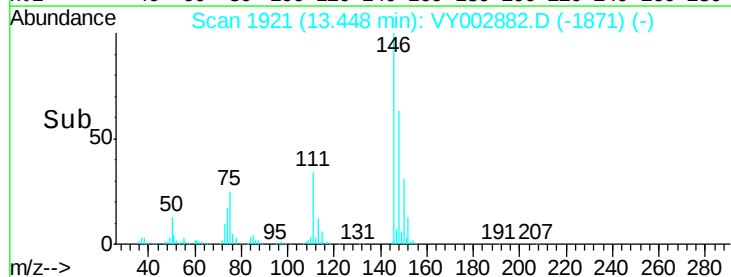
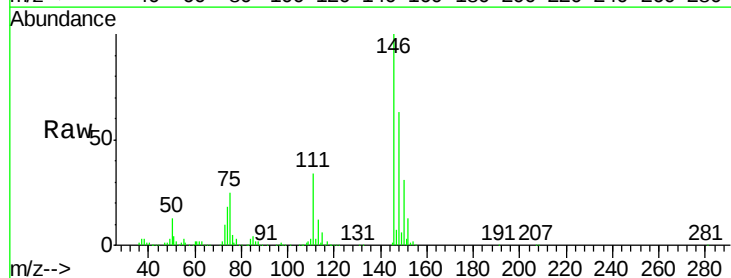
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Tgt Ion:146 Resp: 140272
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.0
 148 63.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.35 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion:146 Resp: 138580
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 21.63 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

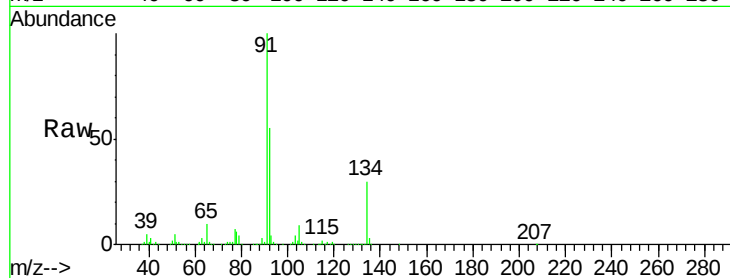
Tgt Ion: 91 Resp: 244812

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

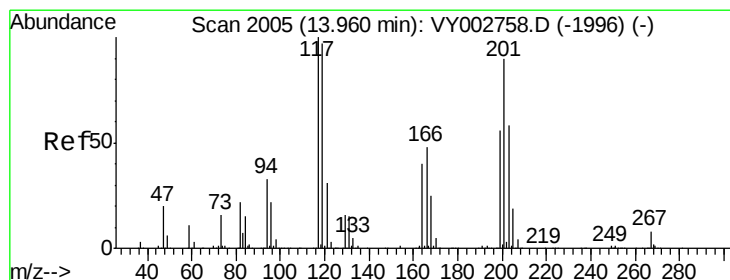
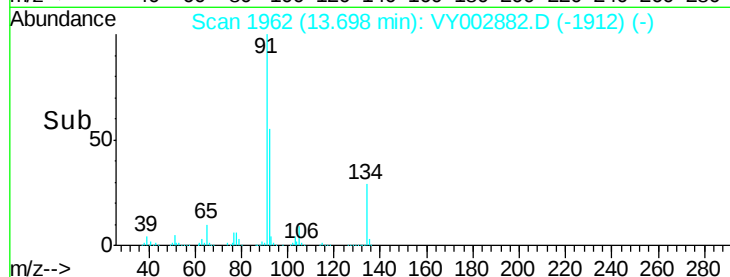
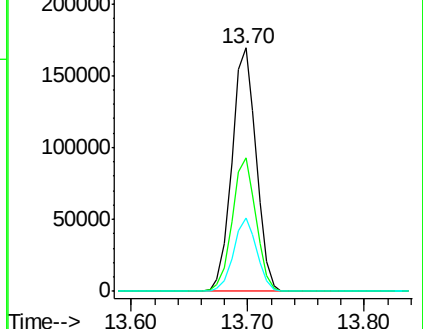
134 29.0 14.3 42.9



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: 21.49 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002882.D

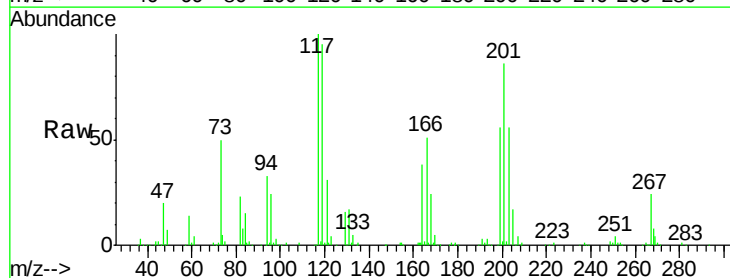
Acq: 11 Jun 2020 11:24

Tgt Ion: 117 Resp: 50157

Ion Ratio Lower Upper

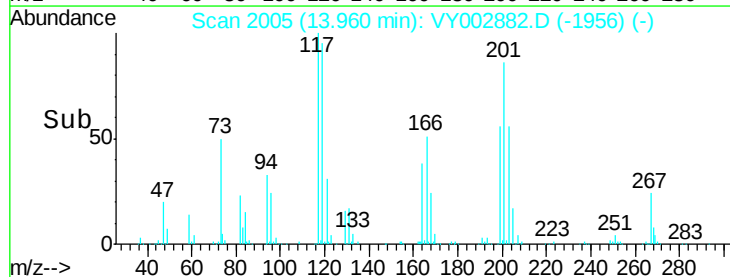
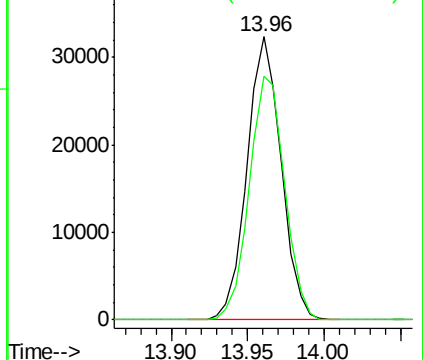
117 100

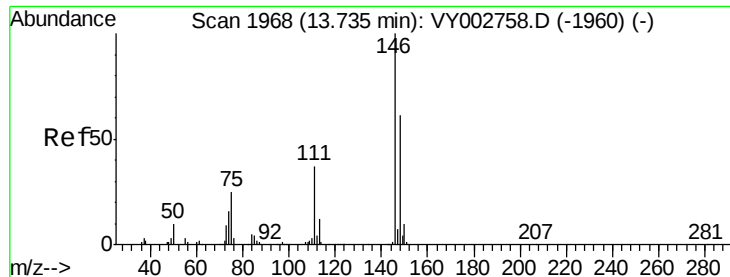
201 89.6 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

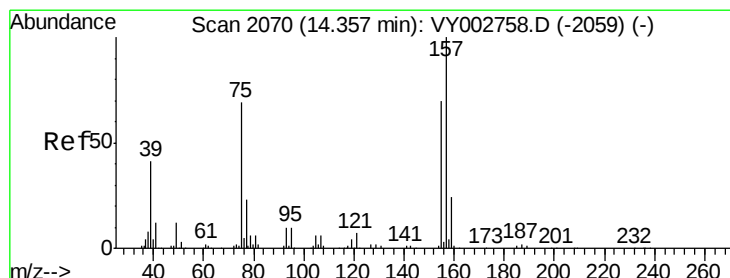
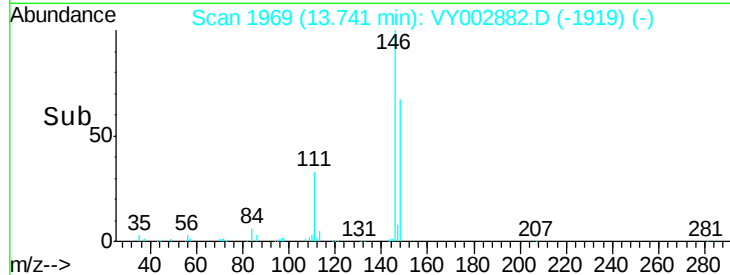
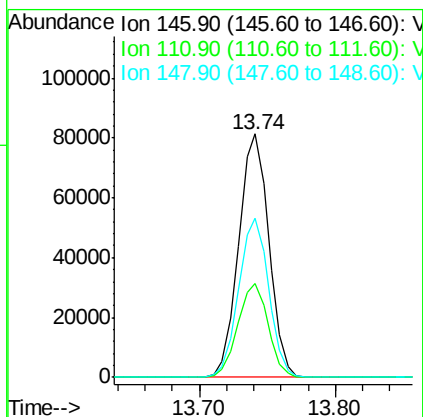
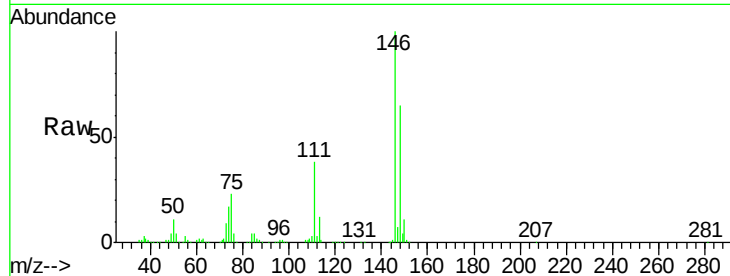




#91
 1,2-Dichlorobenzene
 Concen: 21.43 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

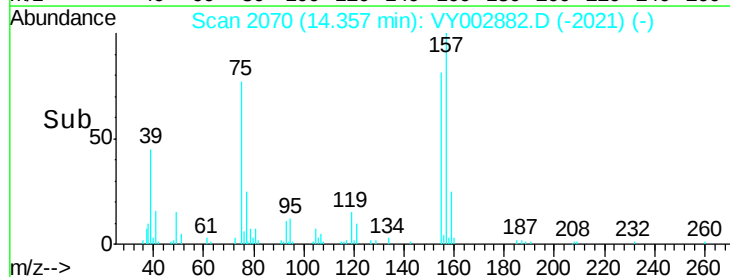
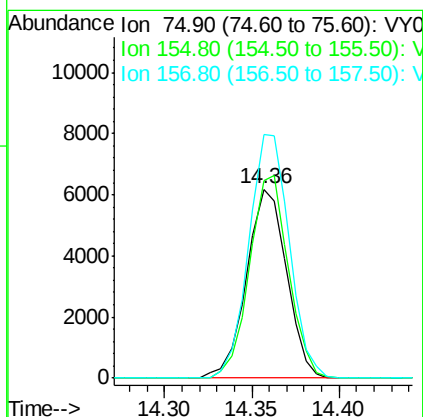
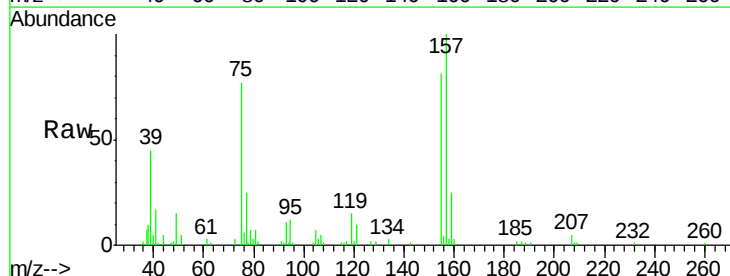
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

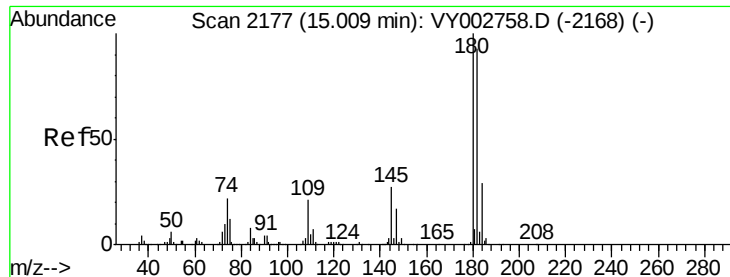
Tgt Ion:146 Resp: 126139
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.9
 148 65.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.06 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion: 75 Resp: 9800
 Ion Ratio Lower Upper
 75 100
 155 104.5 53.5 160.5
 157 130.6 69.9 209.7

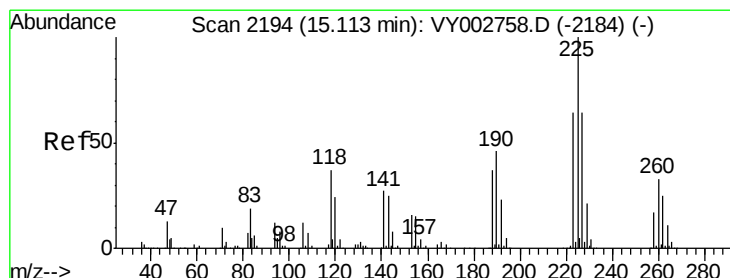
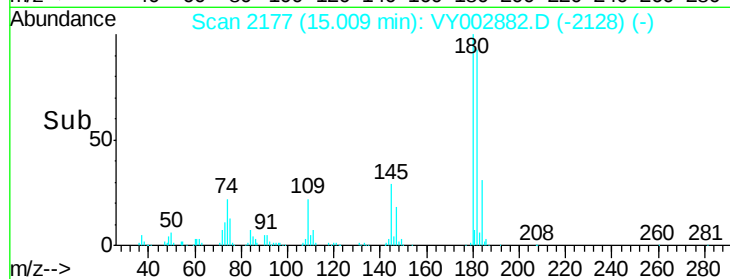
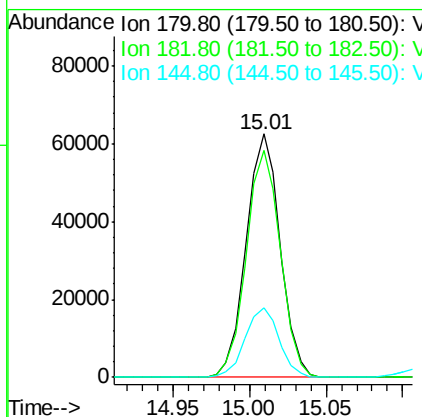
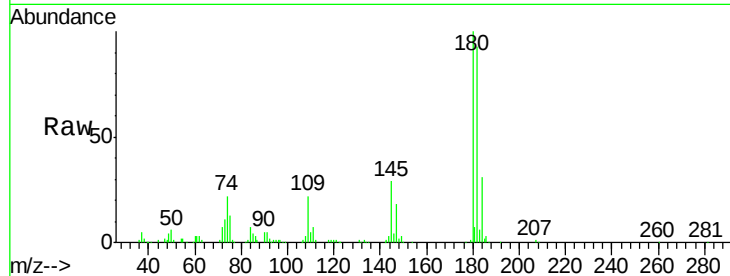




#93
 1,2,4-Trichlorobenzene
 Concen: 21.79 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

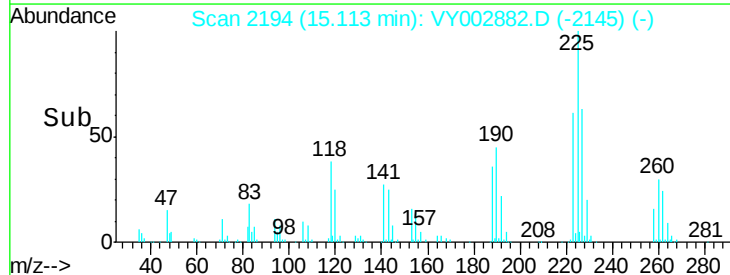
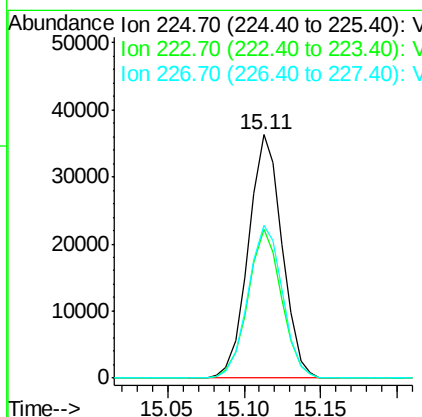
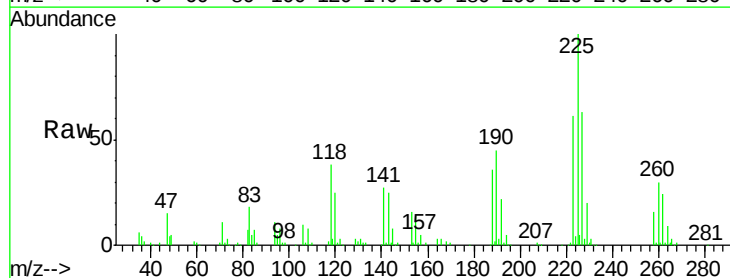
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

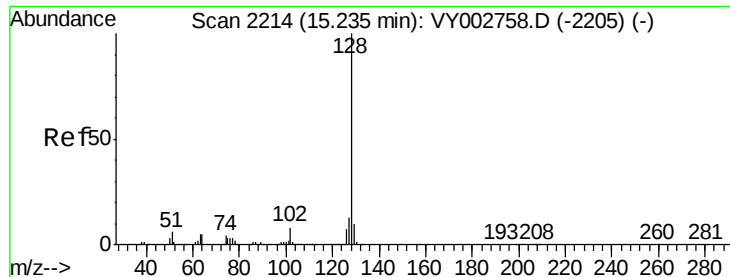
Tgt Ion:180 Resp: 96670
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.3 141.9
 145 28.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 22.05 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

Tgt Ion:225 Resp: 55489
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.6 95.0
 227 64.2 32.3 96.9

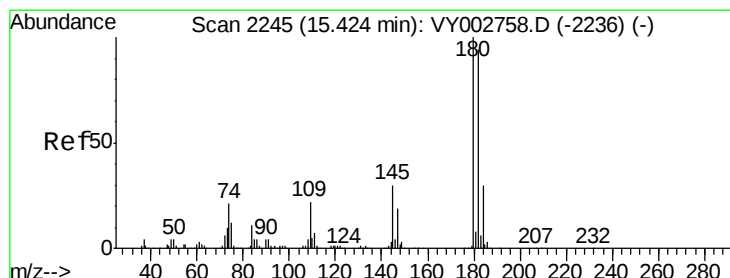
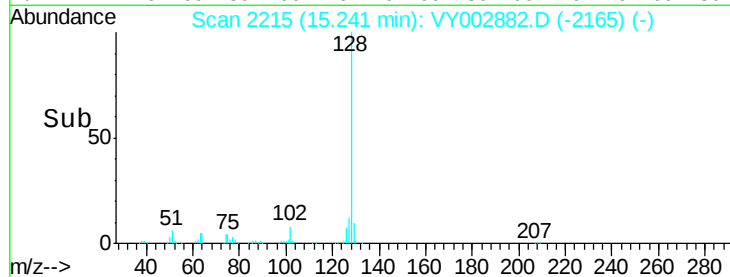
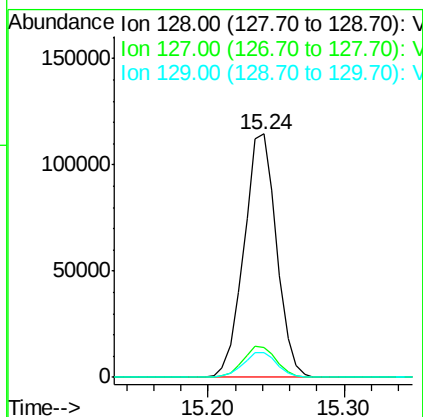
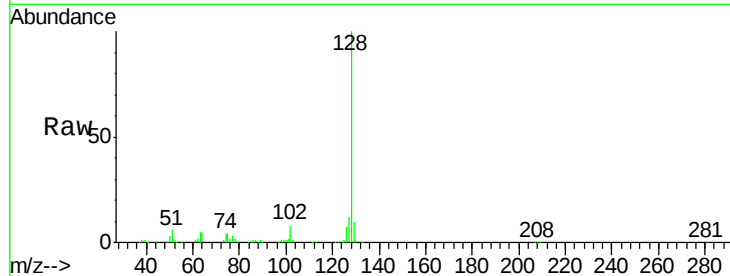




#95
Naphthalene
Concen: 21.56 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:128 Resp: 191749
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.60 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Tgt Ion:180 Resp: 85573
Ion Ratio Lower Upper
180 100
182 94.4 48.1 144.4
145 29.5 15.1 45.3

