

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 16:48:35 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	21.293	ug/l	96
3) Chloromethane	2.11	50	43172	20.744	ug/l	98
4) Vinyl Chloride	2.26	62	48095	21.864	ug/l	97
5) Bromomethane	2.65	94	34504	20.931	ug/l	99
6) Chloroethane	2.79	64	29918	20.980	ug/l	100
7) Trichlorofluoromethane	3.13	101	85476	21.940	ug/l	98
8) Diethyl Ether	3.54	74	30758	20.219	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51168	22.120	ug/l	99
10) Methyl Iodide	4.10	142	63449	19.603	ug/l	99
11) Tert butyl alcohol	4.97	59	29333	107.677	ug/l	98
12) 1,1-Dichloroethene	3.88	96	50492	21.705	ug/l	99
13) Acrolein	3.74	56	21936	78.839	ug/l	99
14) Allyl chloride	4.49	41	70980	21.274	ug/l	99
15) Acrylonitrile	5.18	53	74577	108.667	ug/l	98
16) Acetone	3.96	43	61306	110.116	ug/l	98
17) Carbon Disulfide	4.20	76	138984	19.771	ug/l	98
18) Methyl Acetate	4.49	43	35785	25.134	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	139740	21.759	ug/l	97
20) Methylene Chloride	4.72	84	63169	23.217	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	55247	21.118	ug/l	99
22) Diisopropyl ether	6.12	45	150754	21.744	ug/l	93
23) Vinyl Acetate	6.07	43	493251	107.756	ug/l	99
24) 1,1-Dichloroethane	6.02	63	87873	21.666	ug/l	100
25) 2-Butanone	6.99	43	93422	107.703	ug/l	100
26) 2,2-Dichloropropane	6.99	77	83178	21.384	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	62476	21.333	ug/l	99
28) Bromochloromethane	7.34	49	38980	23.412	ug/l	99
29) Tetrahydrofuran	7.36	42	61836	109.597	ug/l	99
30) Chloroform	7.52	83	93523	21.731	ug/l	97
31) Cyclohexane	7.78	56	82439	20.473	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	86865	21.660	ug/l	99
36) 1,1-Dichloropropene	7.92	75	71917	21.313	ug/l	99
37) Ethyl Acetate	7.08	43	42009	22.882	ug/l	100
38) Carbon Tetrachloride	7.90	117	81724	21.802	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	92721	20.847	ug/l	100
40) Benzene	8.16	78	214743	21.538	ug/l	99
41) Methacrylonitrile	7.32	41	20825m	21.115	ug/l	
42) 1,2-Dichloroethane	8.24	62	61369	21.963	ug/l	99
43) Isopropyl Acetate	8.28	43	75799	21.788	ug/l	100
44) Trichloroethene	8.94	130	66781	21.205	ug/l	97
45) 1,2-Dichloropropane	9.22	63	52497	21.956	ug/l	99
46) Dibromomethane	9.31	93	30852	21.727	ug/l	98
47) Bromodichloromethane	9.50	83	73449	21.941	ug/l	98
48) Methyl methacrylate	9.30	41	34093	21.708	ug/l	99
49) 1,4-Dioxane	9.30	88	9224	423.056	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	208321	113.083	ug/l	100
52) Toluene	10.24	92	141016	21.620	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	80916	22.130	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	90614	21.871	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	47617	21.904	ug/l	98
56) Ethyl methacrylate	10.51	69	63940	21.959	ug/l	100
57) 1,3-Dichloropropane	10.79	76	78837	22.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	153814	108.108	ug/l	100
59) 2-Hexanone	10.83	43	146436	112.032	ug/l	100
60) Dibromochloromethane	10.99	129	60793	22.057	ug/l	100
61) 1,2-Dibromoethane	11.09	107	47553	22.175	ug/l	99
64) Tetrachloroethene	10.72	164	71043	20.942	ug/l	98
65) Chlorobenzene	11.52	112	158981	21.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	60215	21.672	ug/l	99
67) Ethyl Benzene	11.59	91	275683	21.555	ug/l	100
68) m/p-Xylenes	11.70	106	214356	43.228	ug/l	99
69) o-Xylene	12.03	106	101660	21.716	ug/l	100
70) Styrene	12.05	104	176525	21.753	ug/l	100
71) Bromoform	12.21	173	41555	22.351	ug/l #	99
73) Isopropylbenzene	12.33	105	277421	21.083	ug/l	99
74) N-amyl acetate	12.14	43	72003	21.326	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	51181	22.168	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	42127m	22.769	ug/l	
77) Bromobenzene	12.61	156	74223	21.663	ug/l	97
78) n-propylbenzene	12.67	91	323118	21.258	ug/l	100
79) 2-Chlorotoluene	12.75	91	178752	20.965	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	237390	21.607	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	21267	21.656	ug/l	99
82) 4-Chlorotoluene	12.86	91	192159	21.511	ug/l	100
83) tert-Butylbenzene	13.08	119	208740	21.299	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	237542	21.502	ug/l	100
85) sec-Butylbenzene	13.25	105	288933	21.562	ug/l	99
86) p-Isopropyltoluene	13.37	119	270911	21.727	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	140272	21.613	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	138580	21.345	ug/l	99
89) n-Butylbenzene	13.70	91	244812	21.626	ug/l	100
90) Hexachloroethane	13.96	117	50157	21.487	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	126139	21.431	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9800	22.063	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

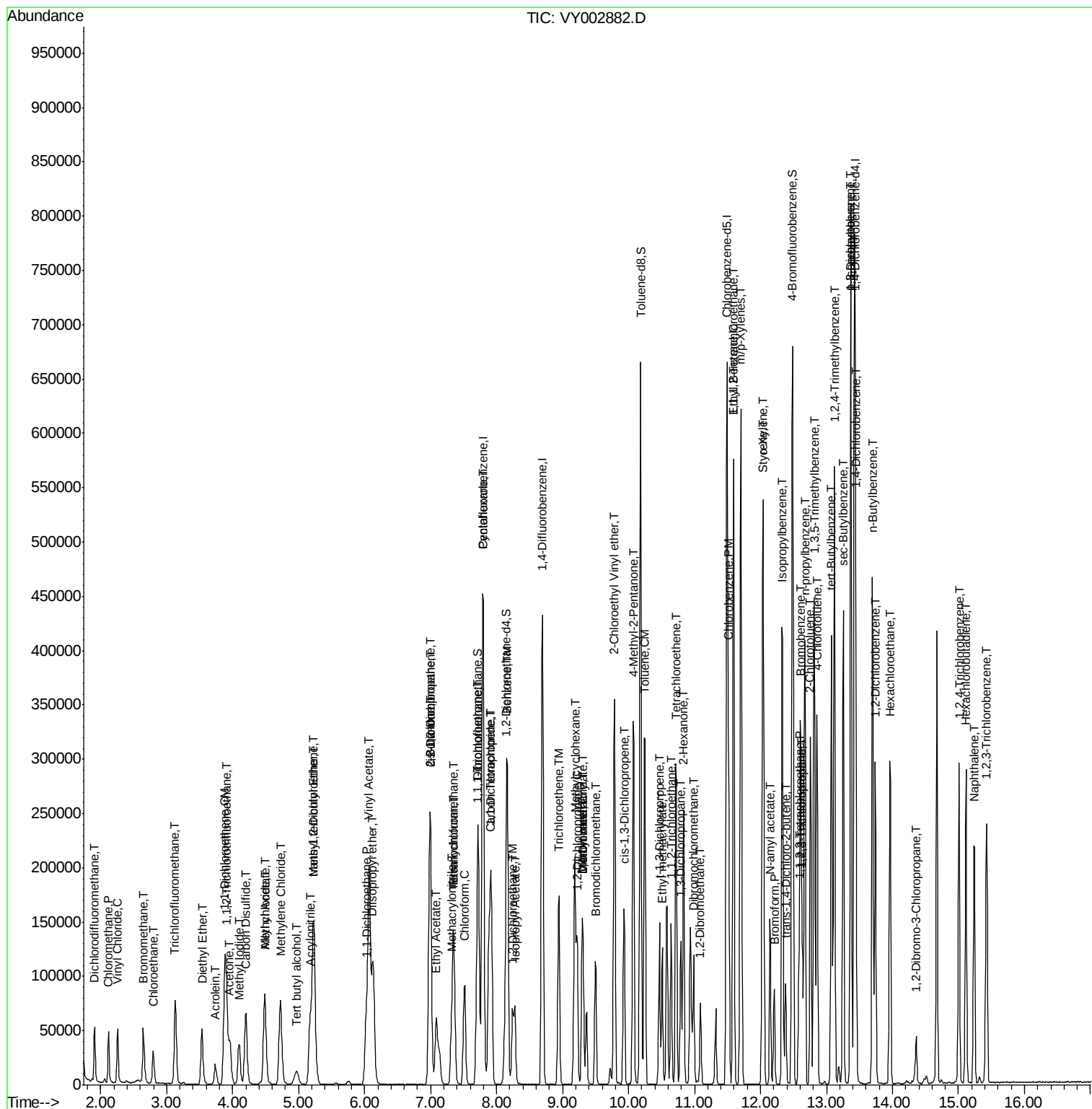
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	96670	21.790	ug/l	99
94) Hexachlorobutadiene	15.11	225	55489	22.052	ug/l	98
95) Naphthalene	15.24	128	191749	21.556	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	85573	21.600	ug/l	98

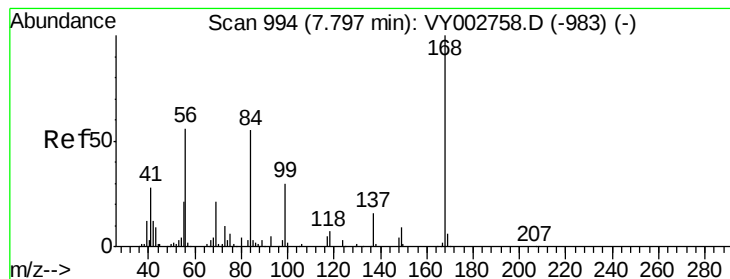
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

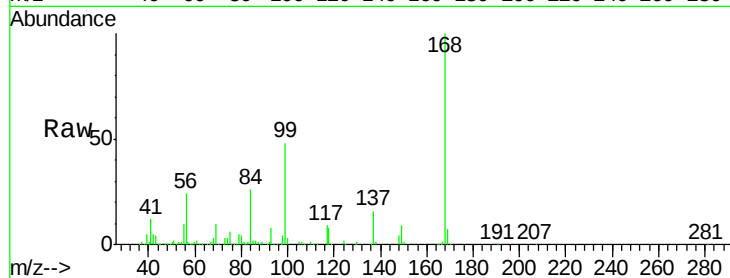
VY0611SBS01

Tot Ion:168 Resp: 273448

Ion Ratio Lower Upper

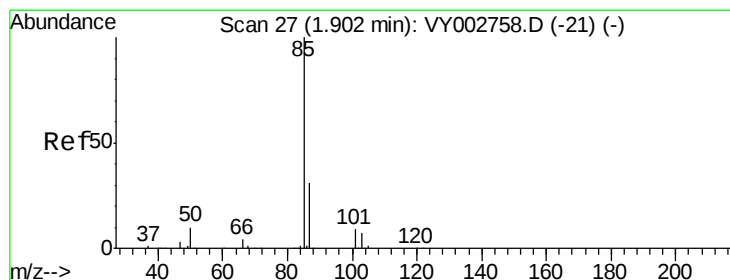
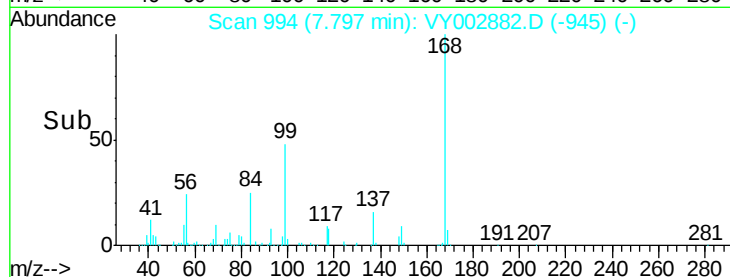
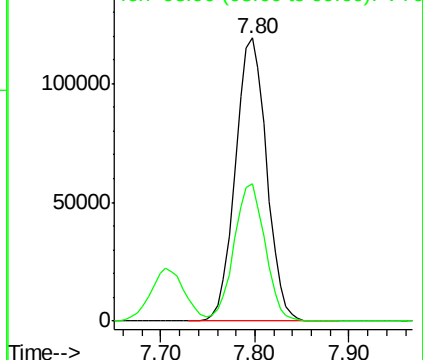
168 100

99 48.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 21.293 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002882.D

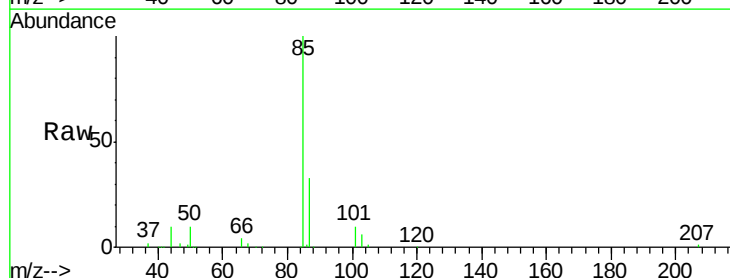
Acq: 11 Jun 2020 11:24

Tgt Ion: 85 Resp: 40064

Ion Ratio Lower Upper

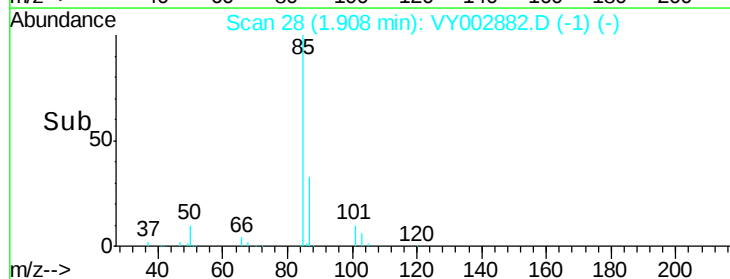
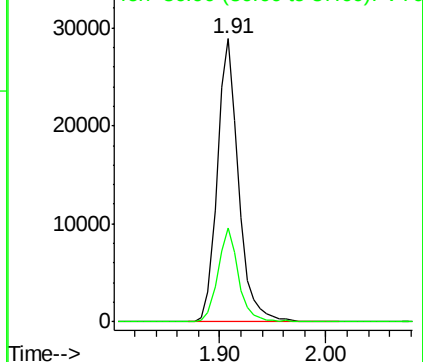
85 100

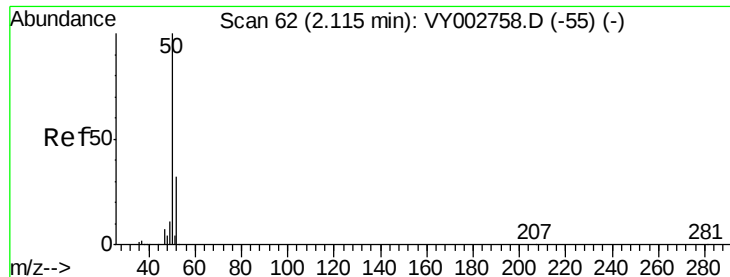
87 33.4 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 20.744 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 :

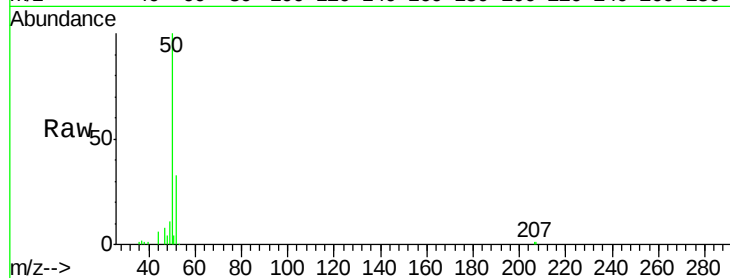
VY0611SBS01

Tot Ion: 50 Resp: 43172

Ion Ratio Lower Upper

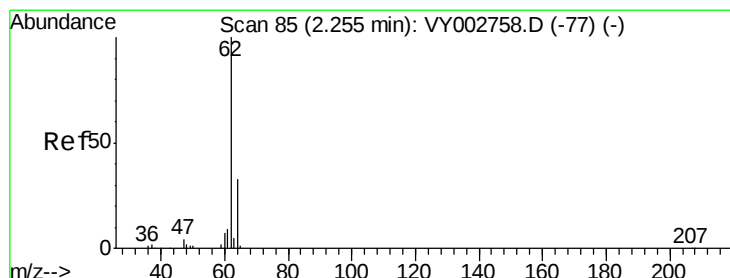
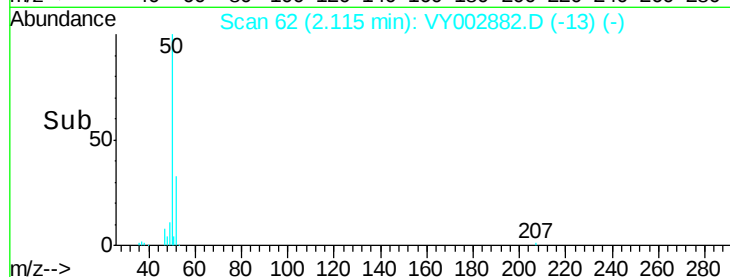
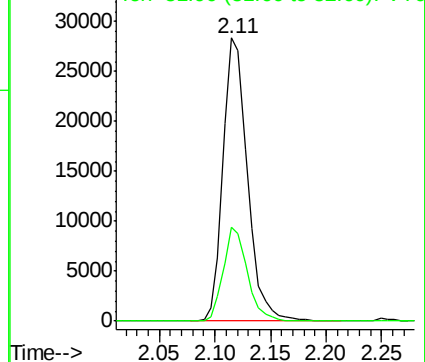
50 100

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: 21.864 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002882.D

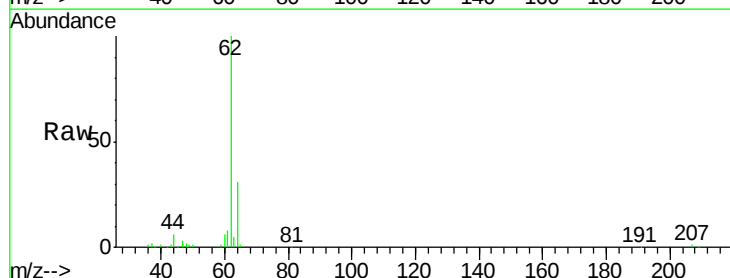
Acq: 11 Jun 2020 11:24

Tgt Ion: 62 Resp: 48095

Ion Ratio Lower Upper

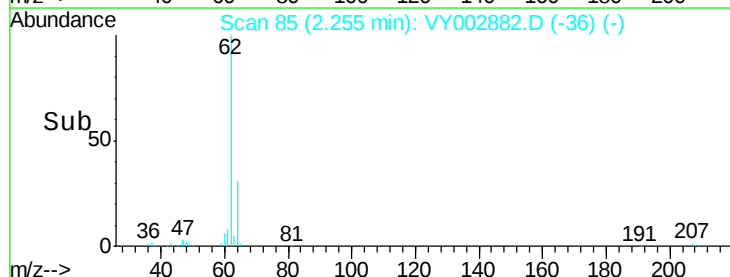
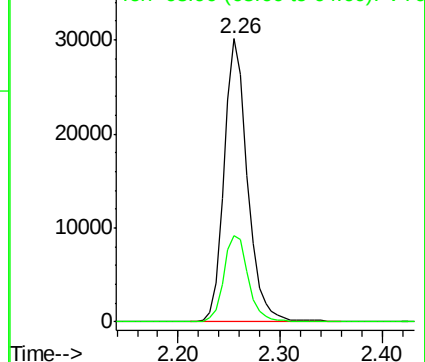
62 100

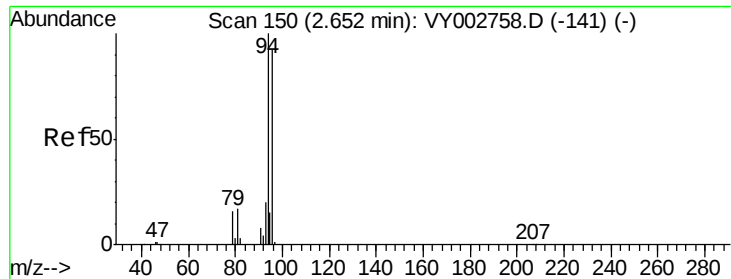
64 30.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.931 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

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ClientSampleId :

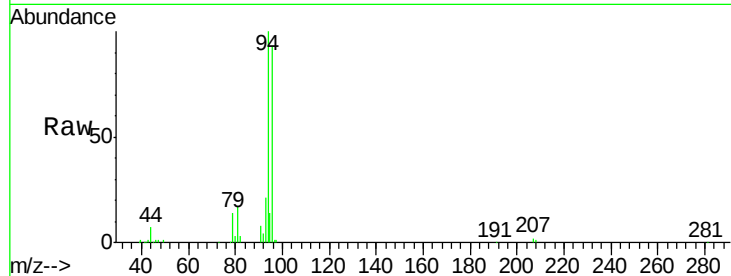
VY0611SBS01

Tot 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

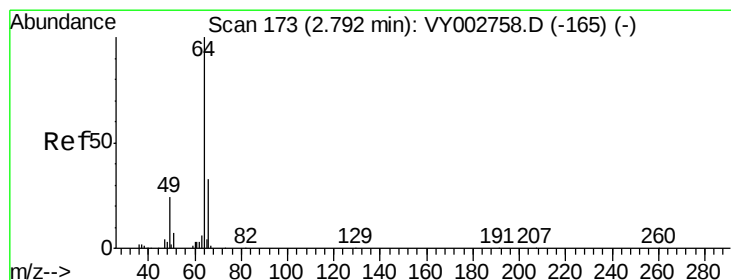
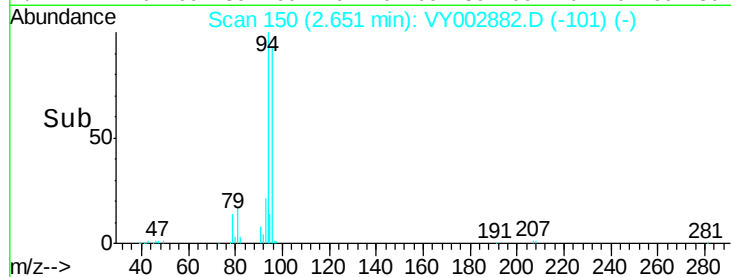
0

2.65

2.60

2.70

Time-->



#6

Chloroethane

Concen: 20.980 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY002882.D

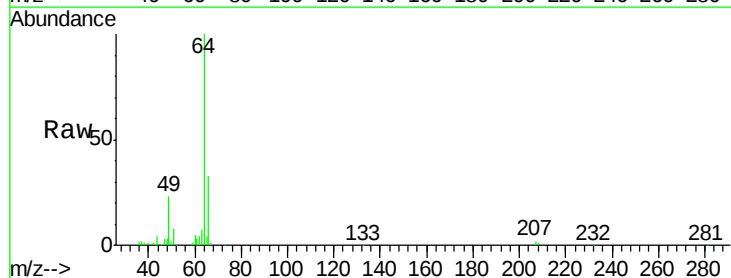
Acq: 11 Jun 2020 11:24

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

2.79

2.70

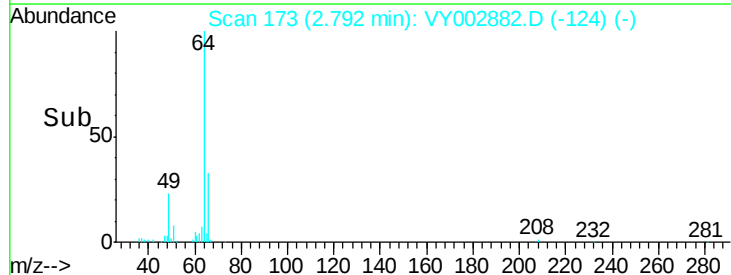
2.75

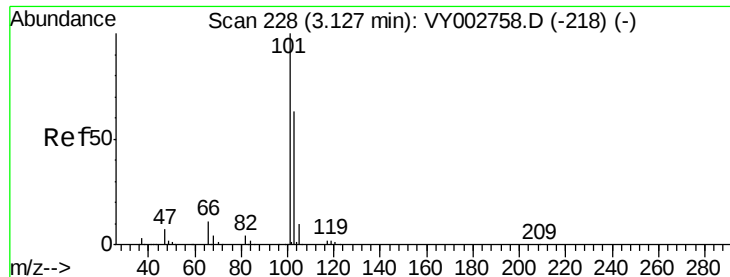
2.80

2.85

2.90

Time-->



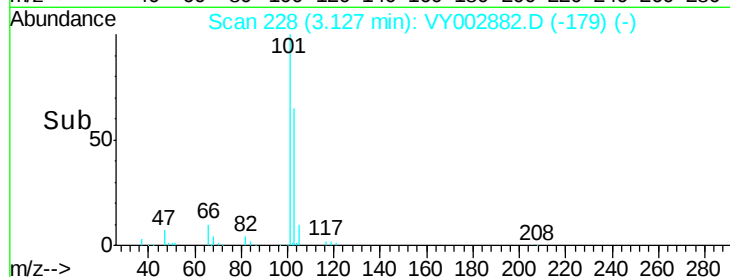
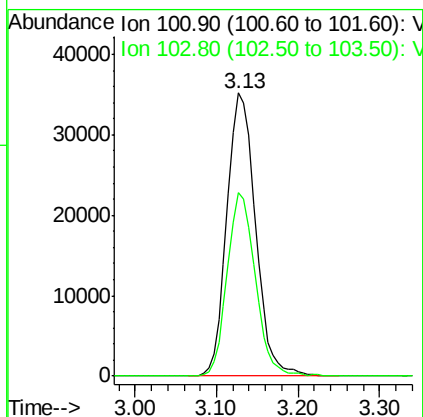
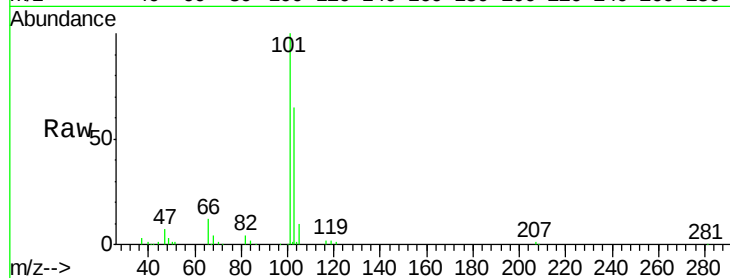


#7

Trichlorofluoromethane
Concen: 21.940 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
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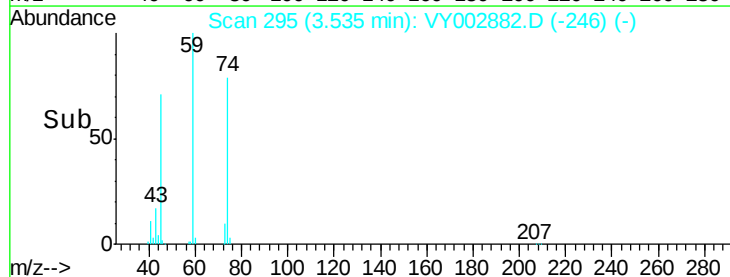
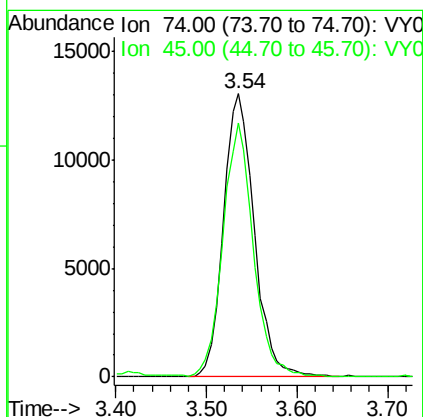
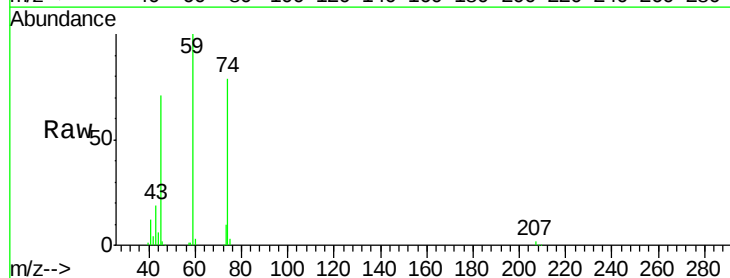
Tot Ion:101 Resp: 85476
Ion Ratio Lower Upper
101 100
103 64.7 50.6 76.0

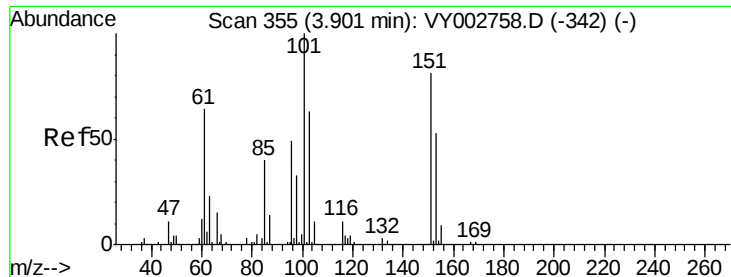


#8

Diethyl Ether
Concen: 20.219 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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.120 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

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VY0611SBS01

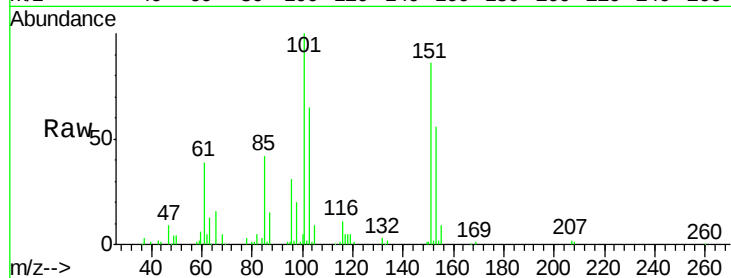
Tot Ion:101 Resp: 51168

Ion Ratio Lower Upper

101 100

85 42.6 32.7 49.1

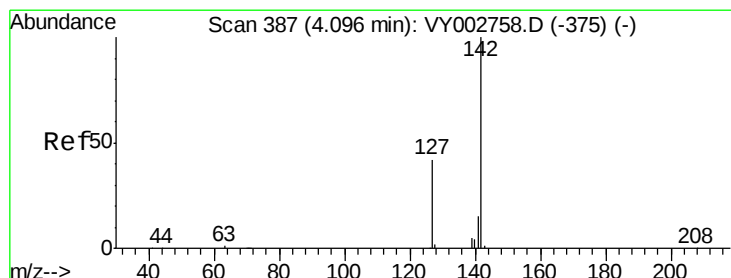
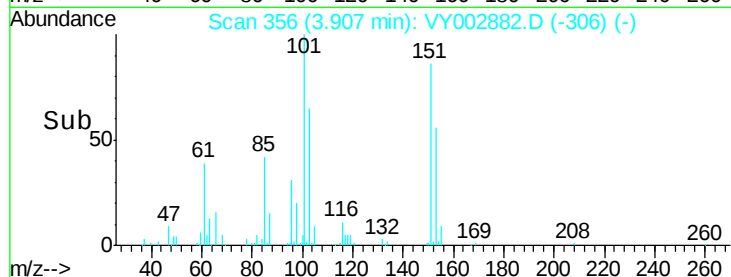
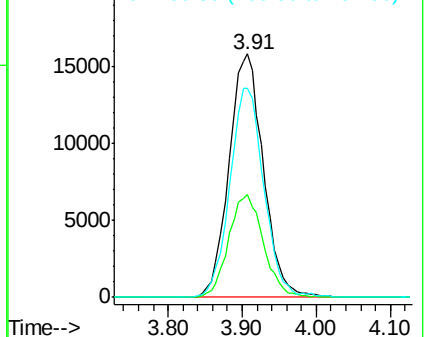
151 85.3 68.0 102.0



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: 19.603 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

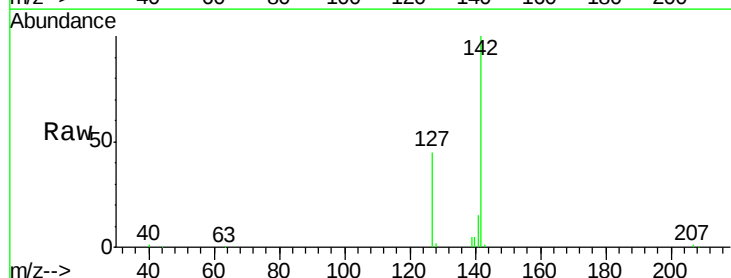
Tgt Ion:142 Resp: 63449

Ion Ratio Lower Upper

142 100

127 42.0 33.3 49.9

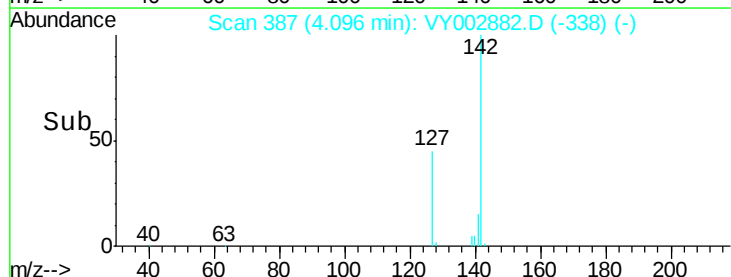
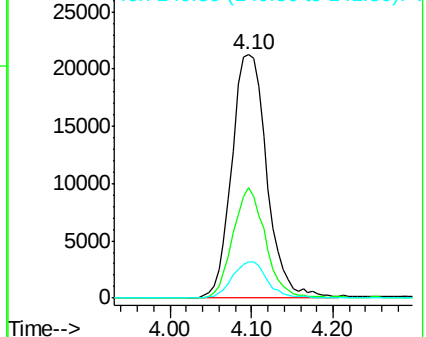
141 14.7 11.5 17.3

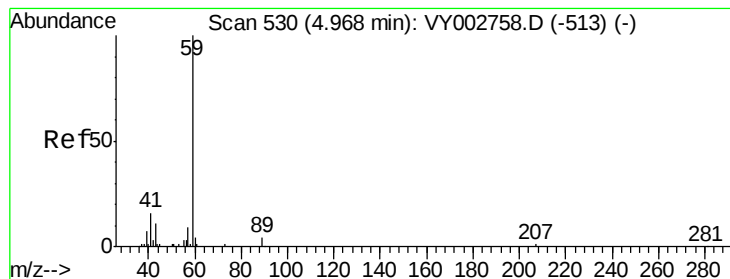


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



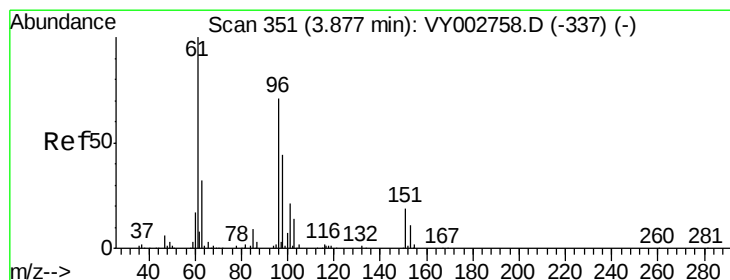
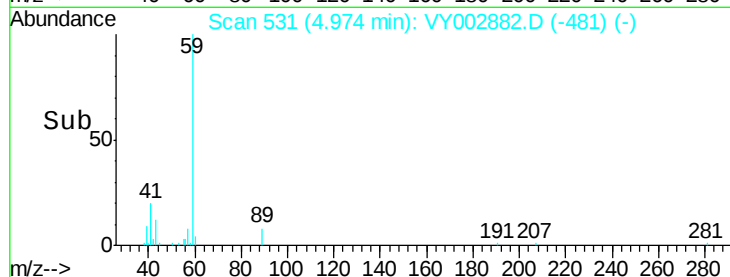
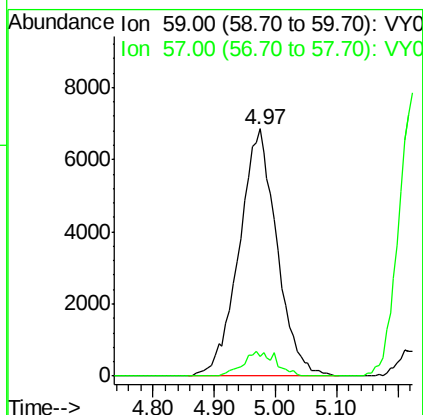
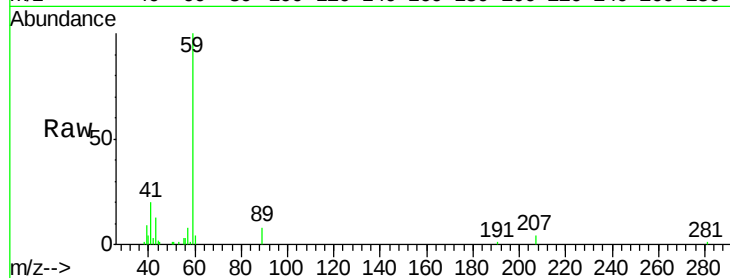


#11

Tert butyl alcohol
 Concen: 107.677 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

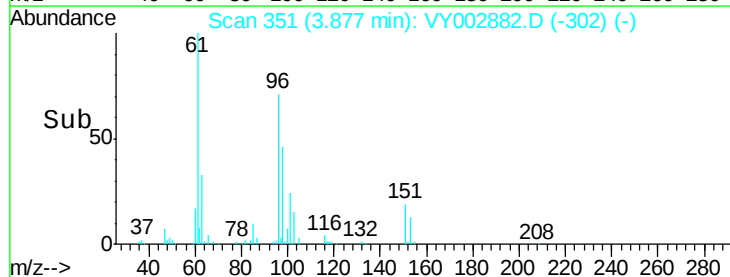
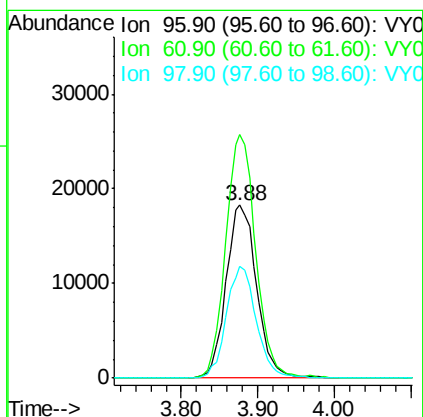
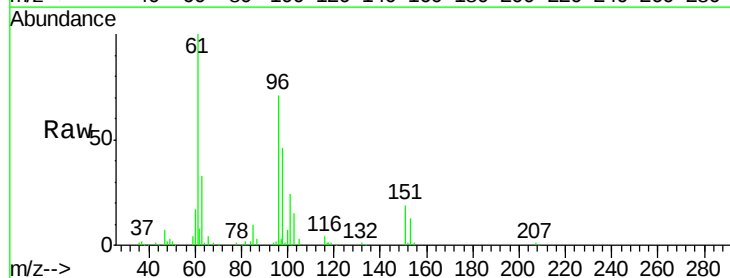
Tot Ion: 59 Resp: 29333
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.7 11.5

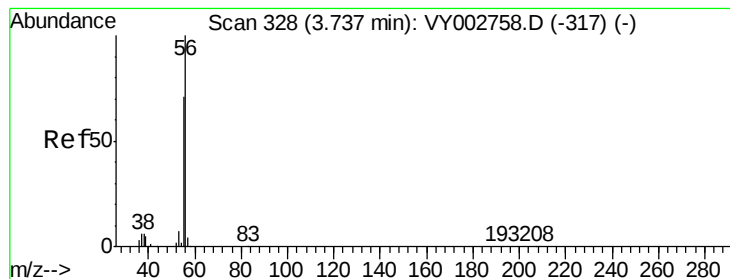


#12

1,1-Dichloroethene
 Concen: 21.705 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: 78.839 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 :

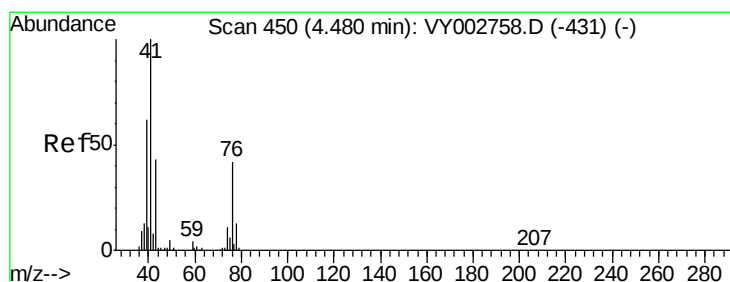
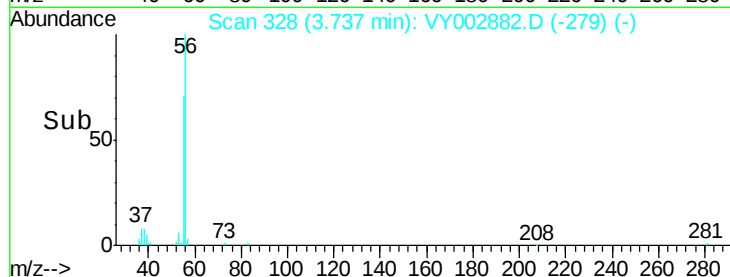
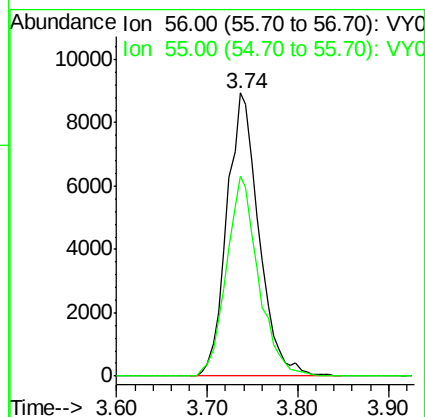
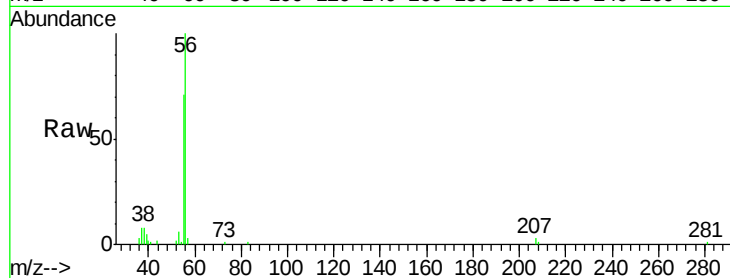
VY0611SBS01

Tot Ion: 56 Resp: 21936

Ion Ratio Lower Upper

56 100

55 70.7 56.0 84.0



#14

Allyl chloride

Concen: 21.274 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

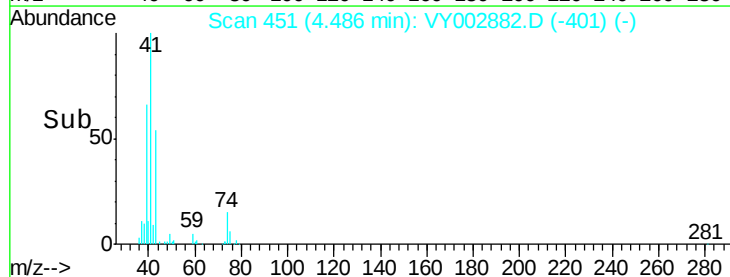
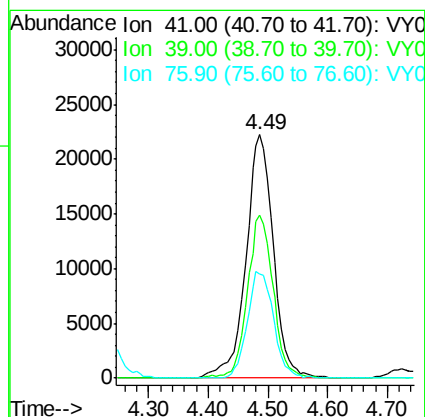
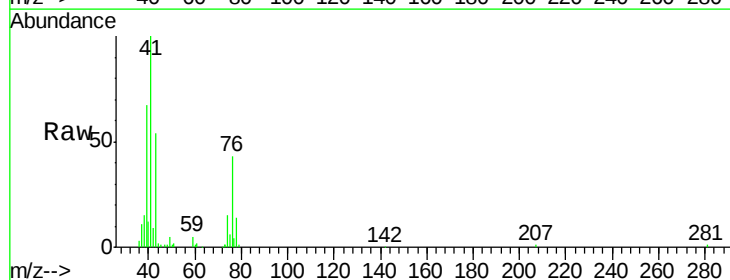
Tgt Ion: 41 Resp: 70980

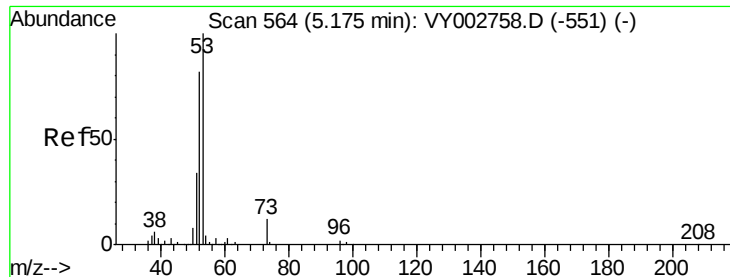
Ion Ratio Lower Upper

41 100

39 63.0 49.9 74.9

76 41.9 33.2 49.8





#15

Acrylonitrile

Concen: 108.667 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

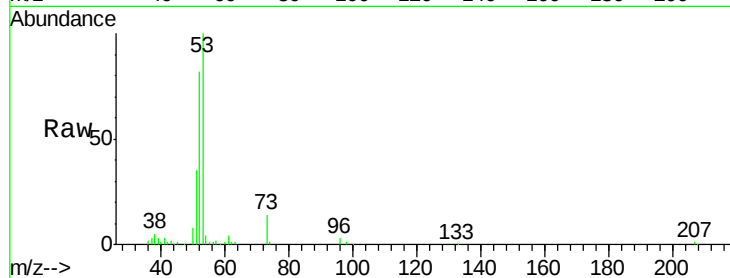
Tot Ion: 53 Resp: 74577

Ion Ratio Lower Upper

53 100

52 83.2 65.3 97.9

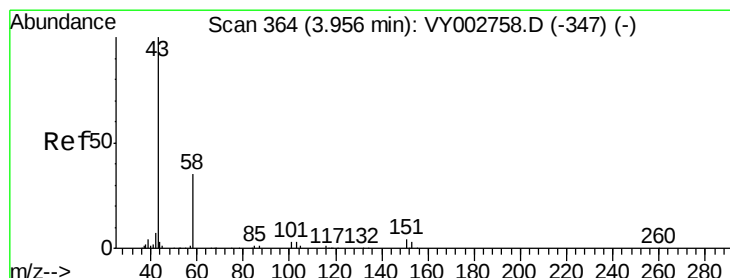
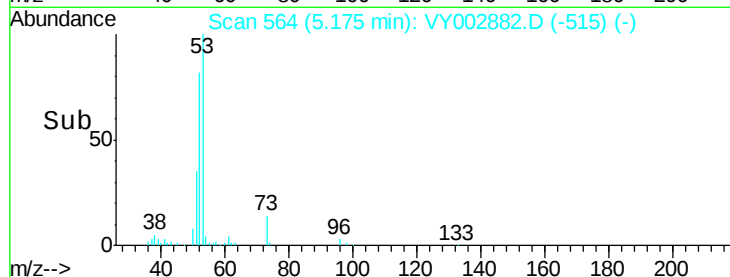
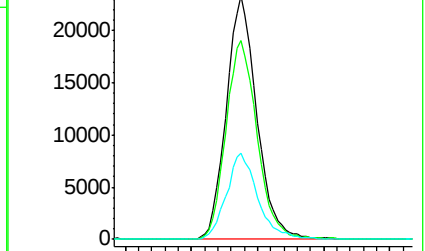
51 36.3 28.0 42.0



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: 110.116 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002882.D

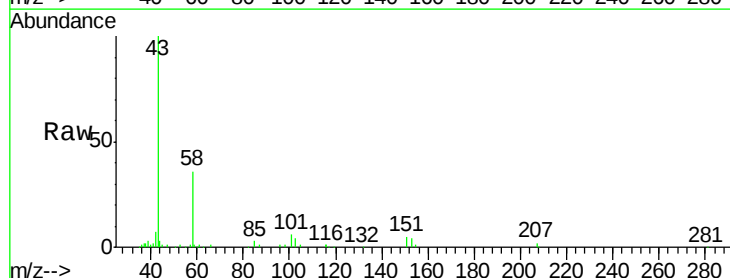
Acq: 11 Jun 2020 11:24

Tgt Ion: 43 Resp: 61306

Ion Ratio Lower Upper

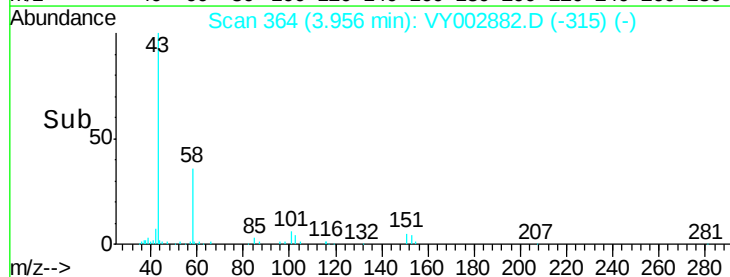
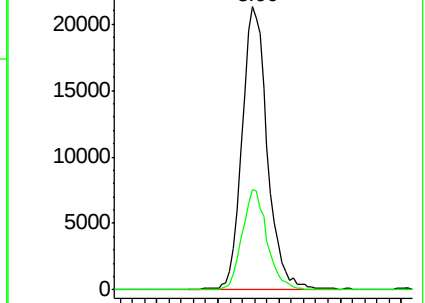
43 100

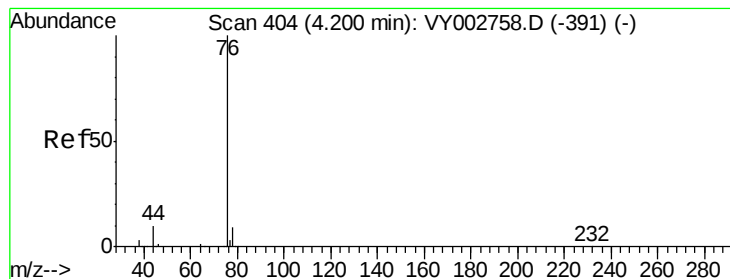
58 35.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.771 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 :

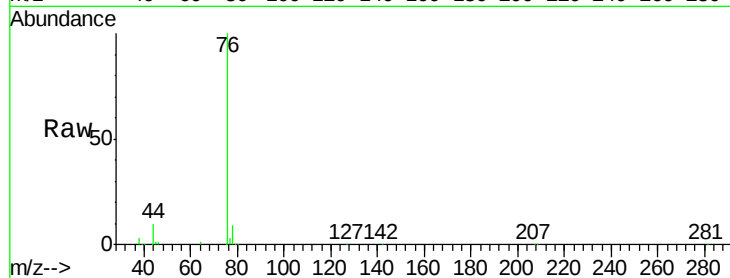
VY0611SBS01

Tot 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

60000

50000

40000

30000

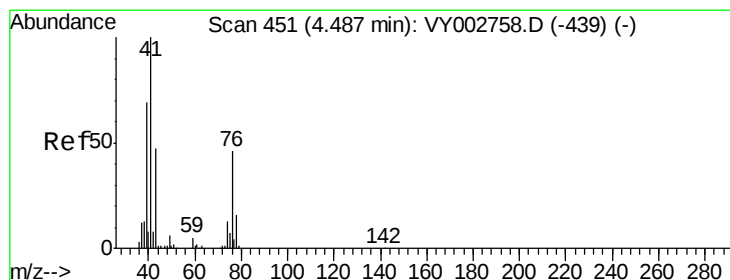
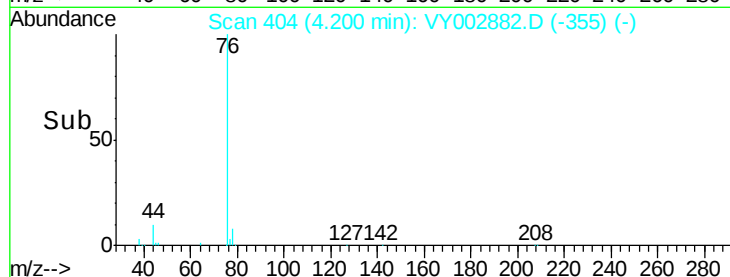
20000

10000

0

Time-->

4.10 4.20 4.30



#18

Methyl Acetate

Concen: 25.134 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002882.D

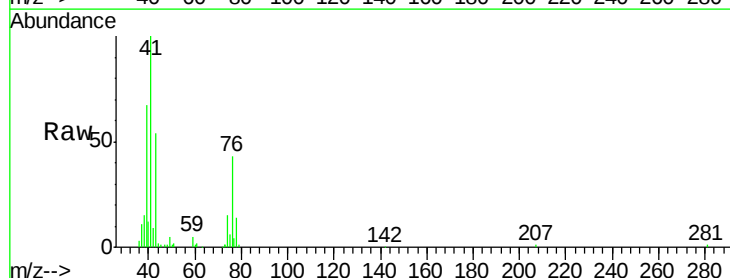
Acq: 11 Jun 2020 11:24

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

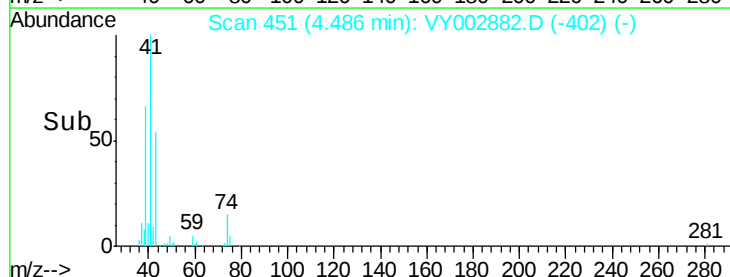
10000

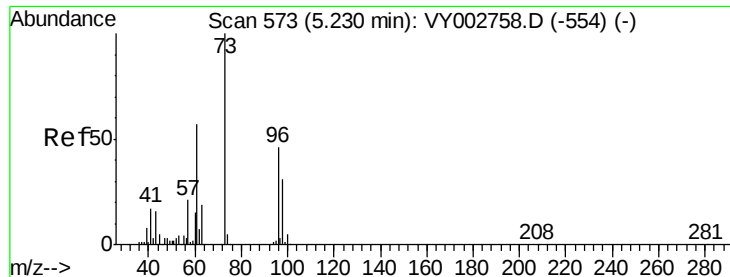
5000

0

Time-->

4.40 4.50 4.60

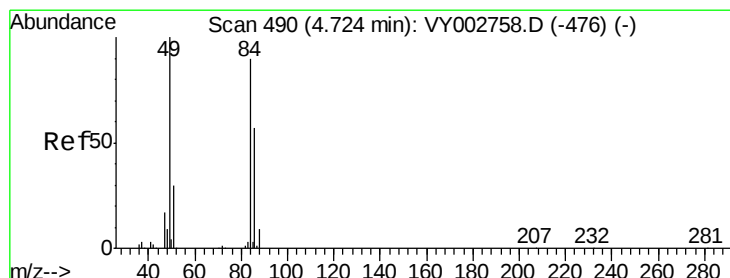
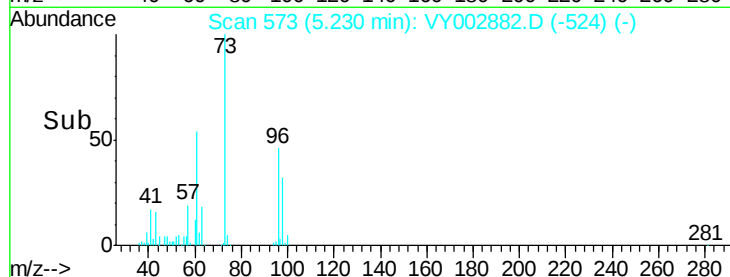
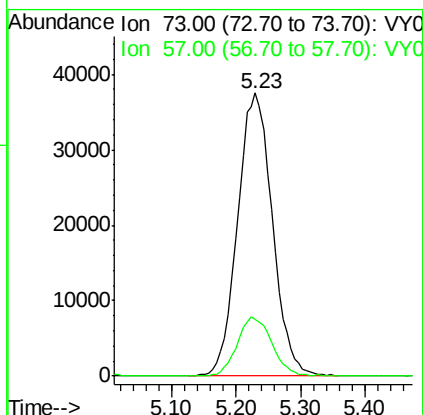
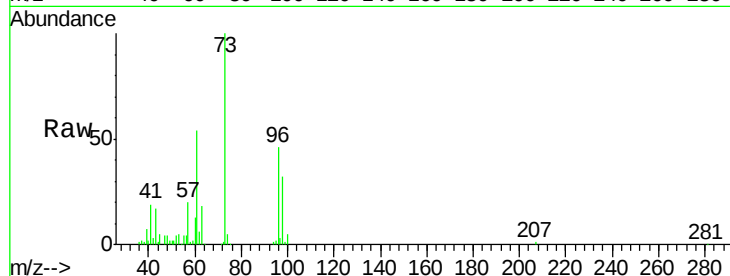




#19
Methvl tert-butvl Ether
Concen: 21.759 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

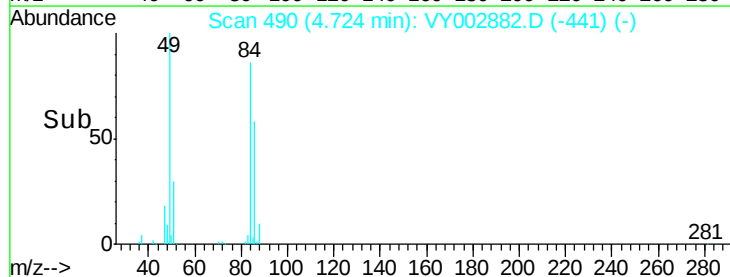
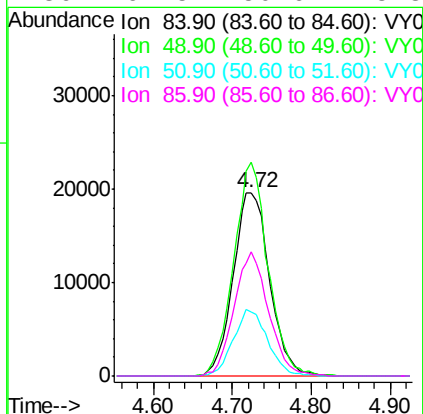
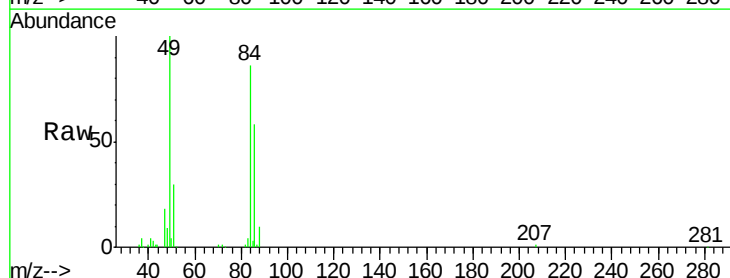
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

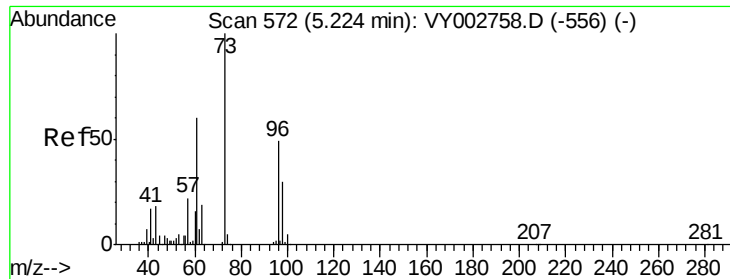
Tot Ion: 73 Resp: 139740
Ion Ratio Lower Upper
73 100
57 19.9 17.0 25.4



#20
Methylene Chloride
Concen: 23.217 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: 21.118 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

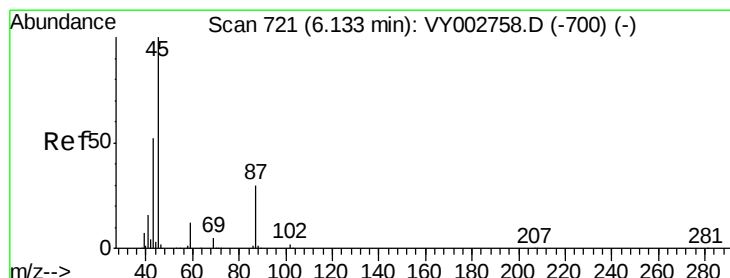
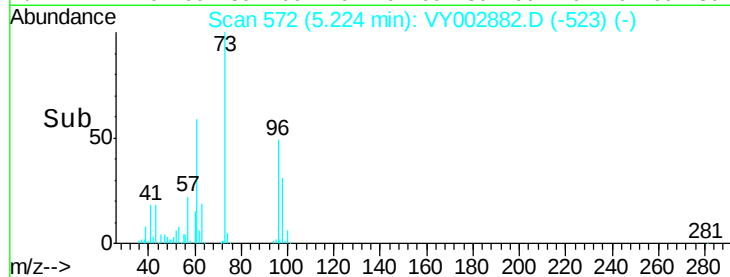
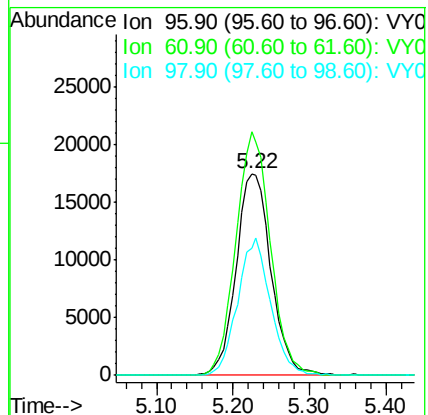
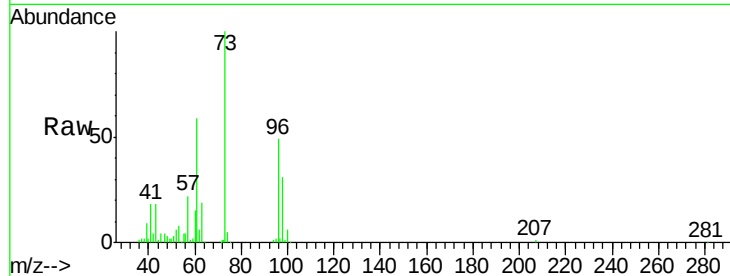
Tot Ion: 96 Resp: 55247

Ion Ratio Lower Upper

96 100

61 120.9 96.8 145.2

98 63.2 49.4 74.0



#22

Diisopropyl ether

Concen: 21.744 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

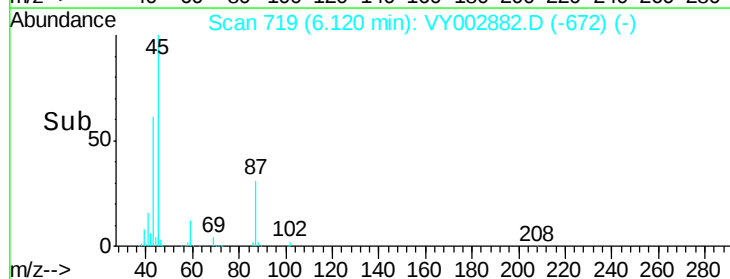
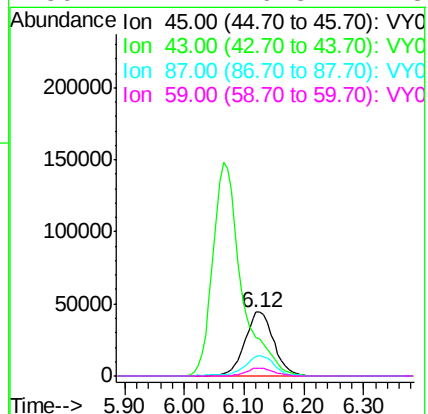
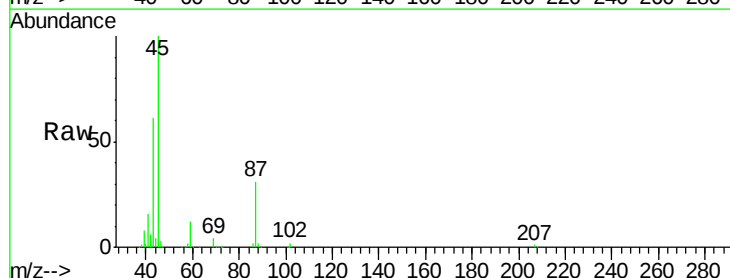
Ion Ratio Lower Upper

45 100

43 60.1 41.7 62.5

87 31.0 24.2 36.2

59 11.7 9.8 14.8





#23

Vinyl Acetate

Concen: 107.756 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 :

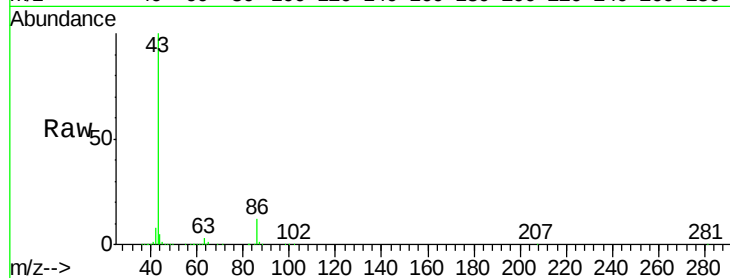
VY0611SBS01

Tot Ion: 43 Resp: 493251

Ion Ratio Lower Upper

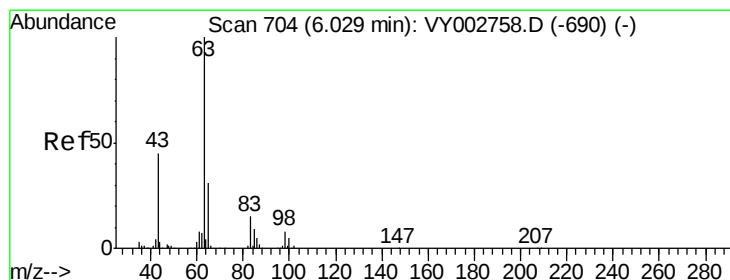
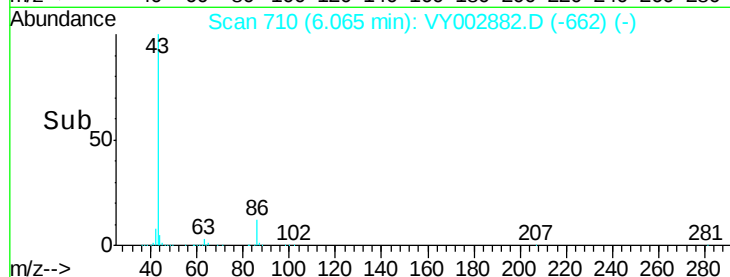
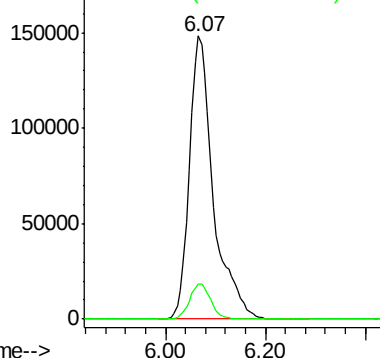
43 100

86 12.3 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.666 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

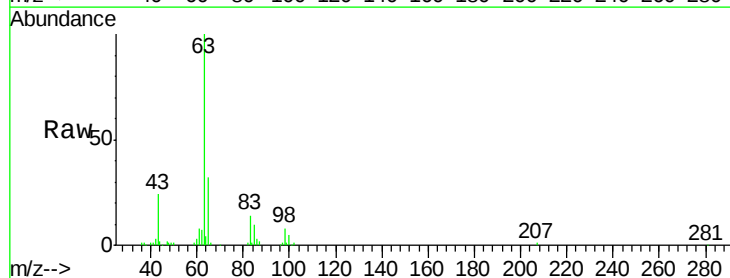
Tgt Ion: 63 Resp: 87873

Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

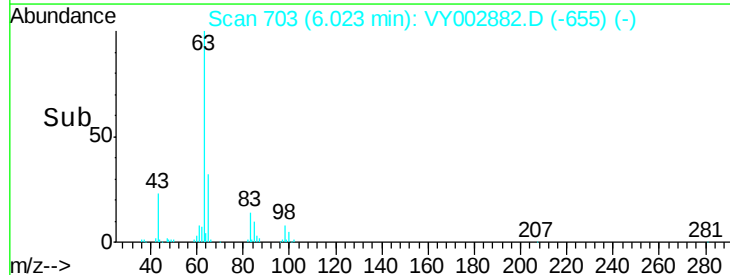
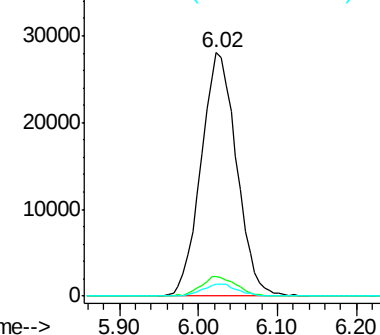
100 5.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

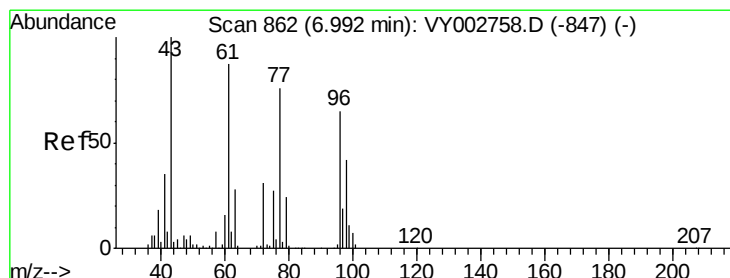
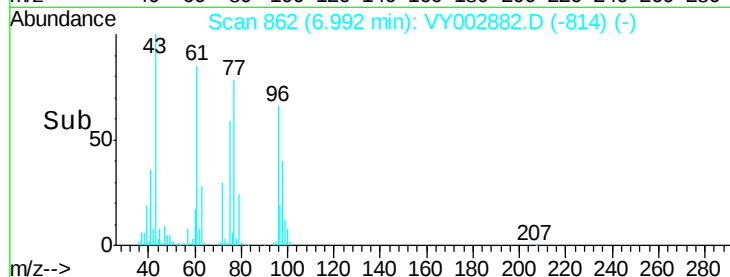
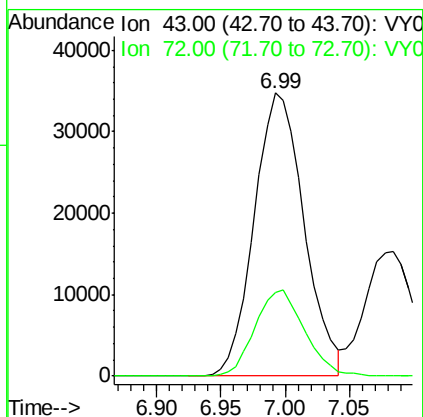
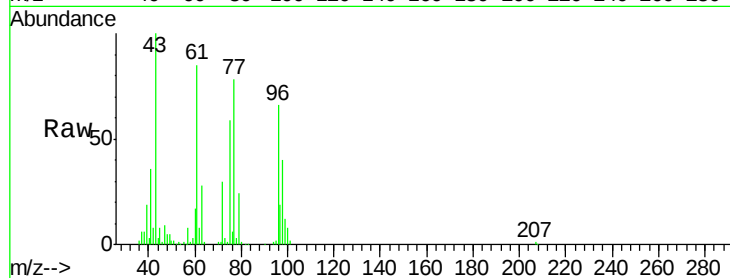




#25
2-Butanone
Concen: 107.703 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

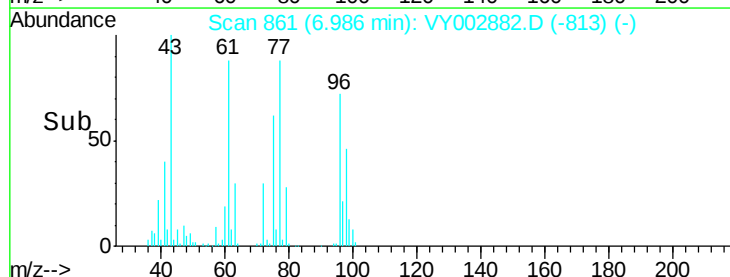
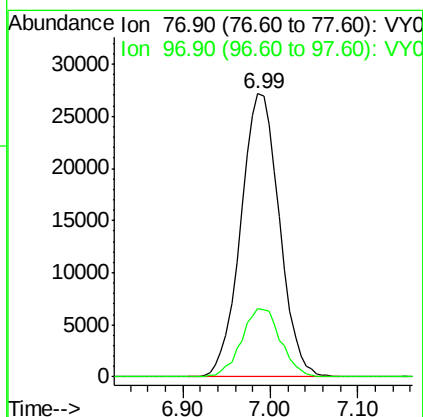
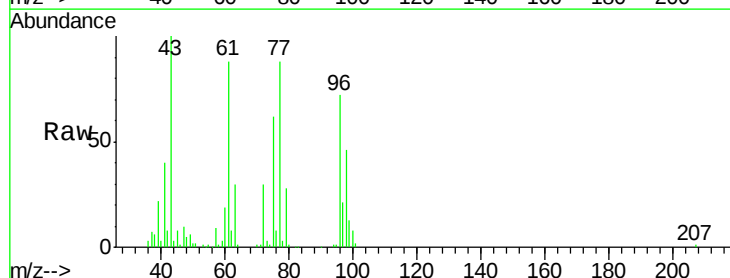
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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



#26
2,2-Dichloropropane
Concen: 21.384 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



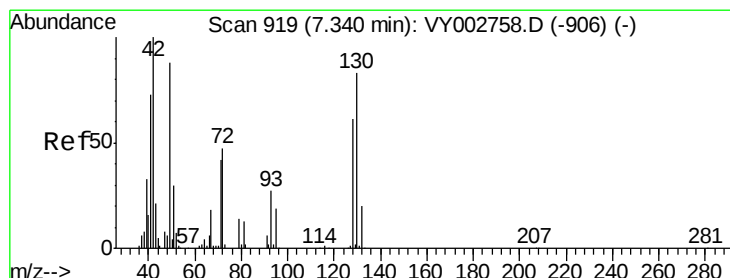
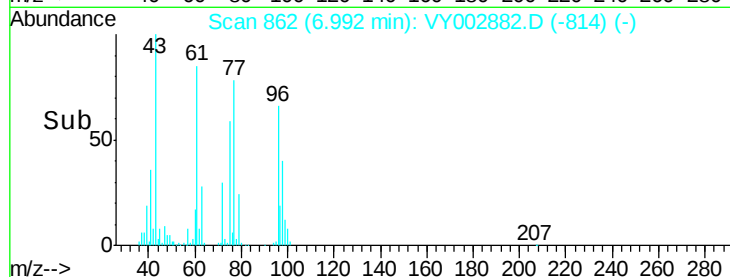
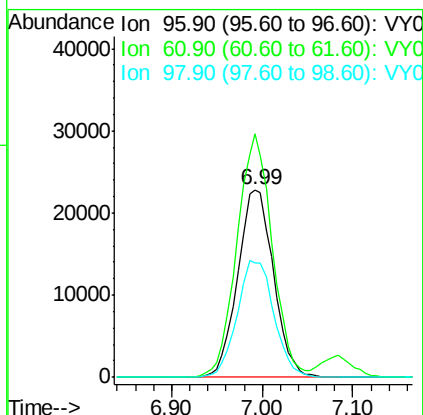
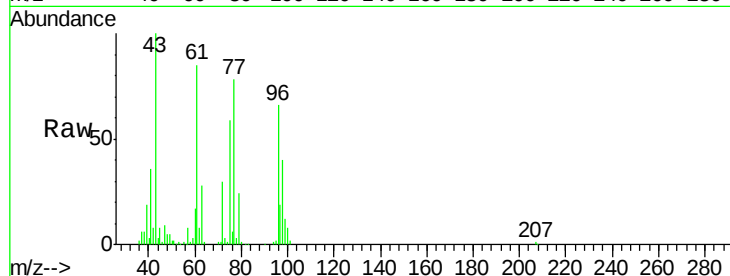


#27

cis-1,2-Dichloroethene
 Concen: 21.333 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

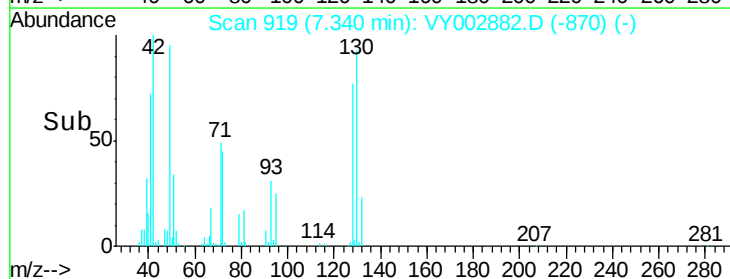
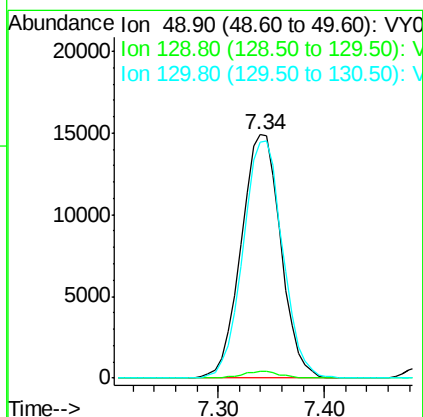
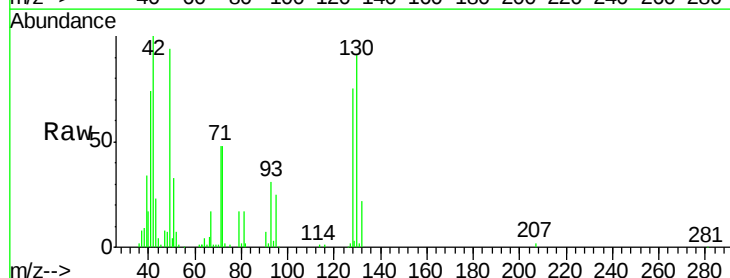
Tot Ion: 96 Resp: 62476
 Ion Ratio Lower Upper
 96 100
 61 128.3 0.0 260.2
 98 63.8 0.0 128.2

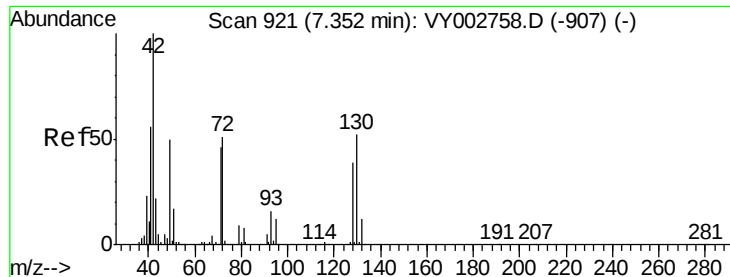


#28

Bromochloromethane
 Concen: 23.412 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

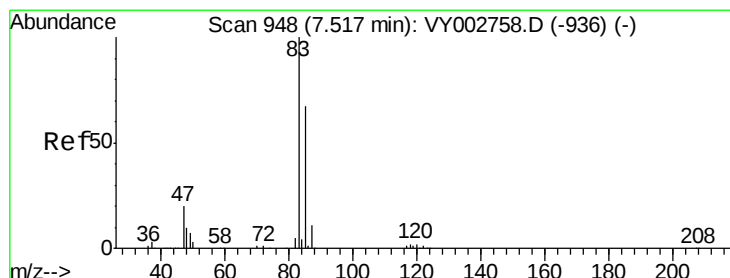
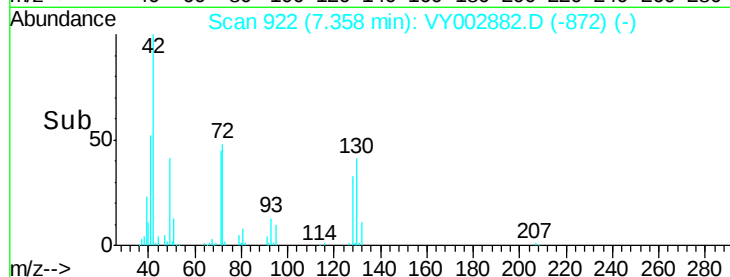
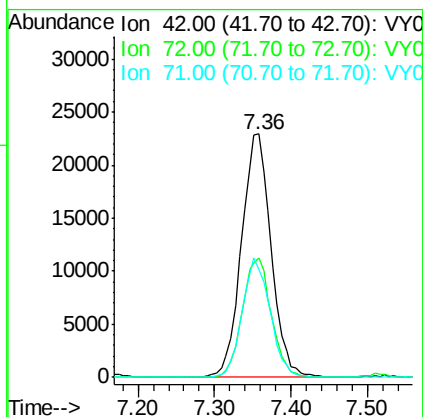
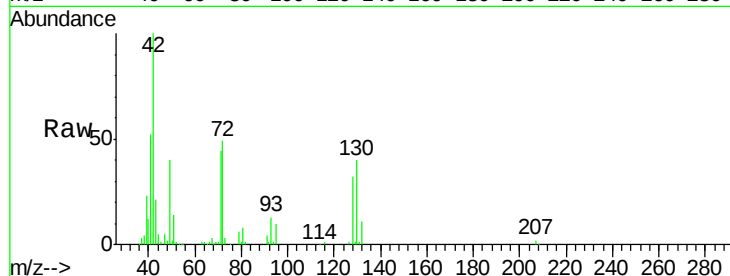




#29
Tetrahydrofuran
Concen: 109.597 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

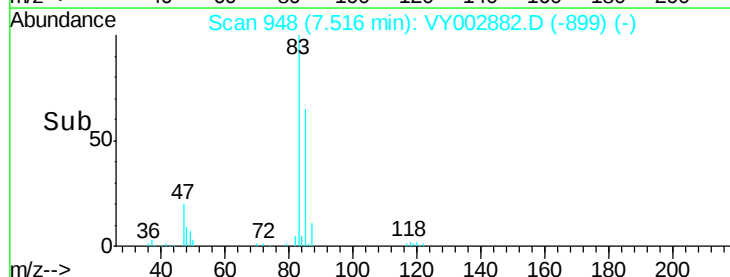
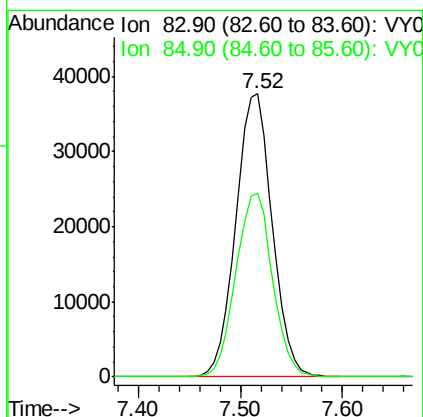
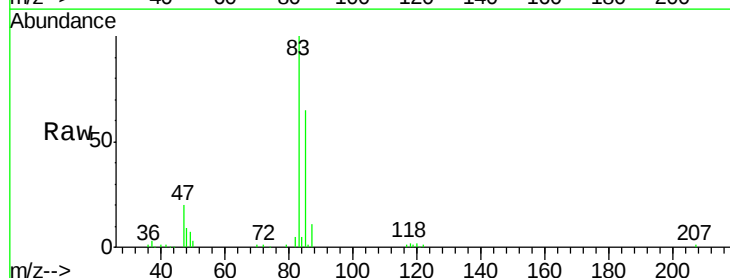
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

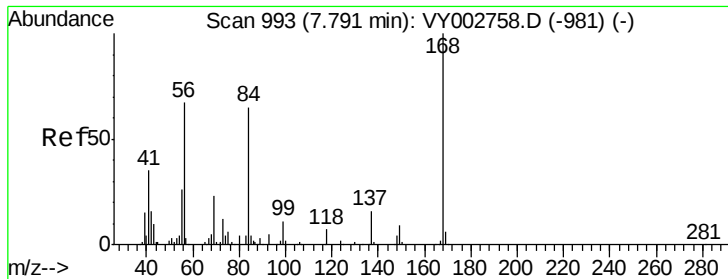
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	38.6	58.0
71	45.9	35.8	53.8



#30
Chloroform
Concen: 21.731 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	Ratio	Lower	Upper
83	100		
85	64.6	53.8	80.8

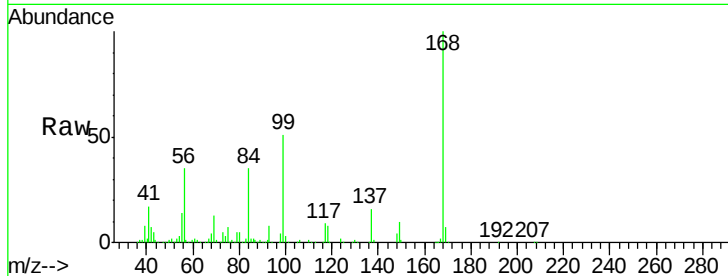




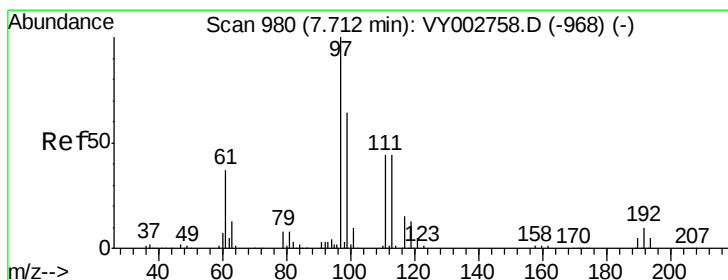
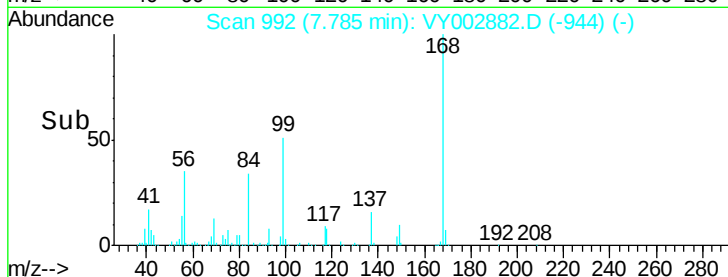
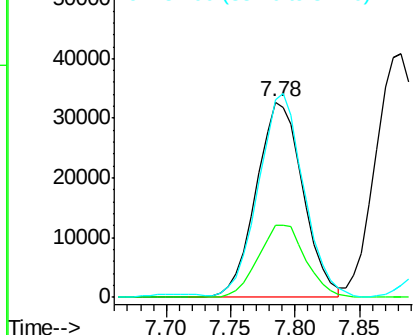
#31
Cyclohexane
Concen: 20.473 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tot Ion: 56 Resp: 82439
Ion Ratio Lower Upper
56 100
69 36.9 28.0 42.0
84 99.7 77.7 116.5

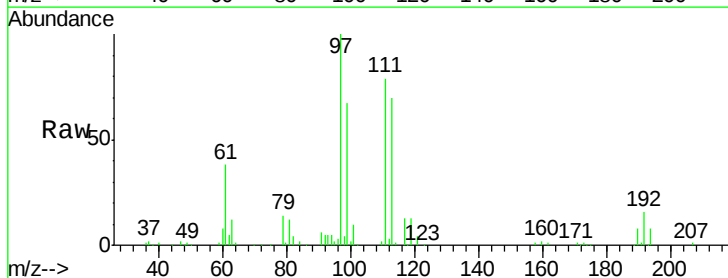


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

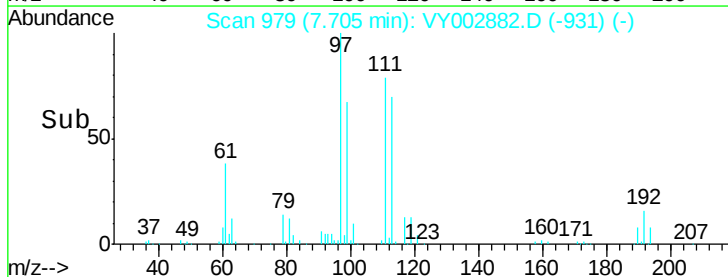
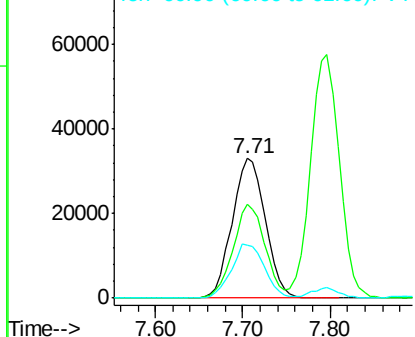


#32
1,1,1-Trichloroethane
Concen: 21.660 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

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

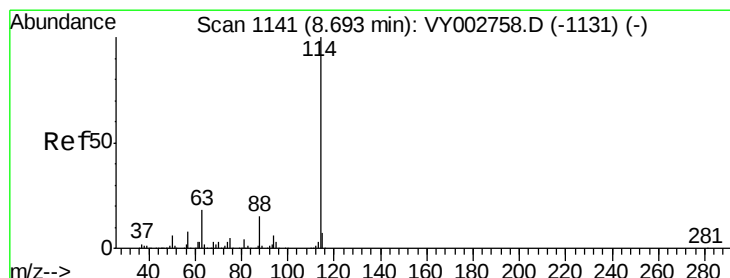
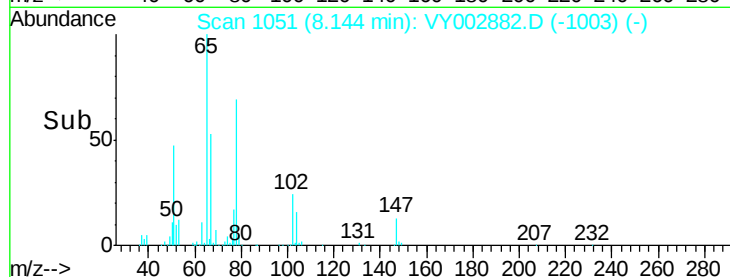
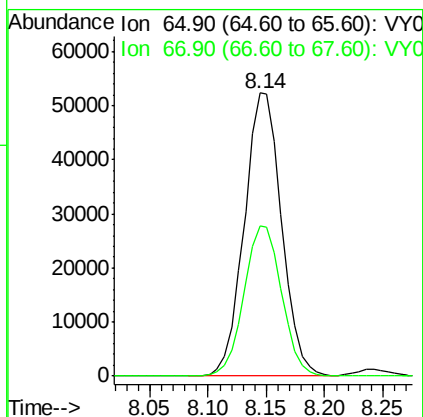
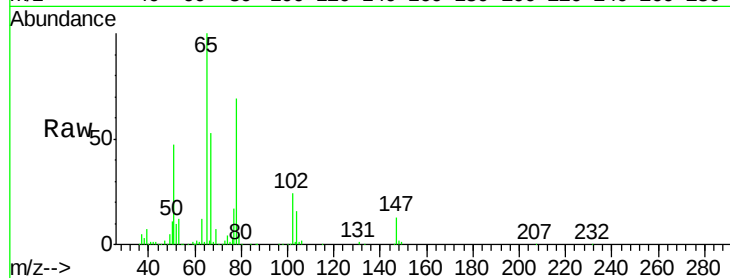




#33
 1,2-Dichloroethane-d4
 Concen: 49.296 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

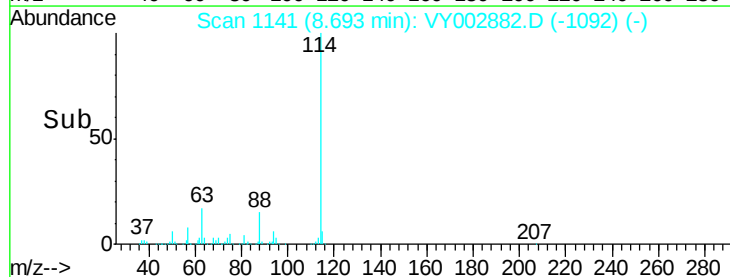
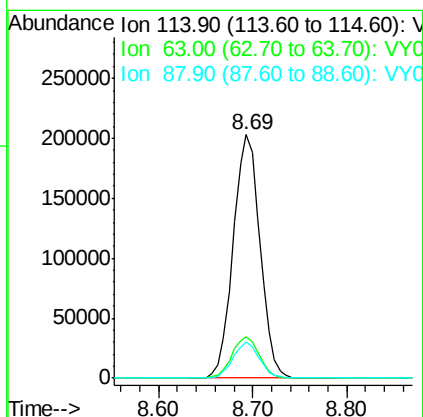
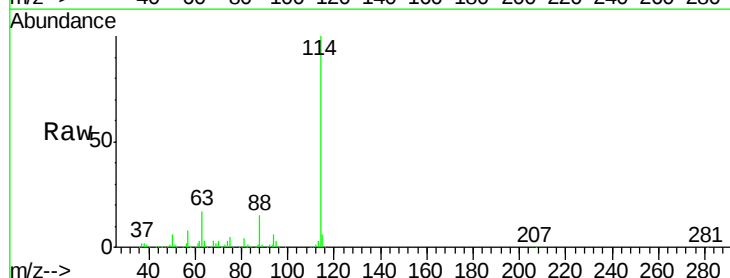
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

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



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: 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

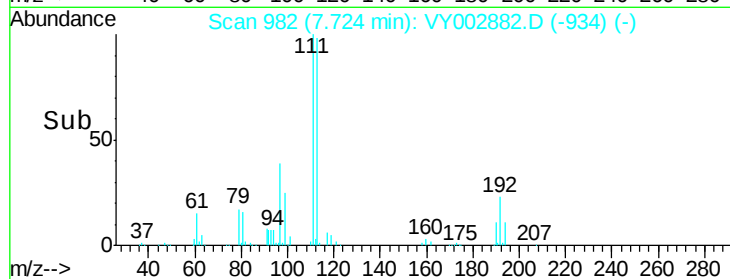
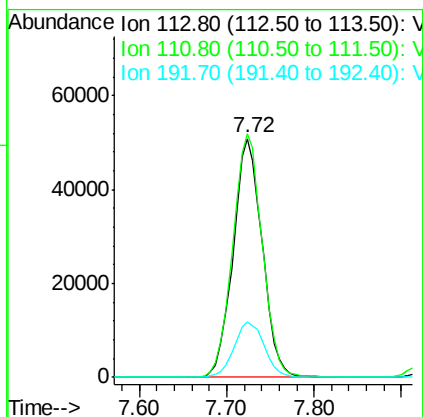
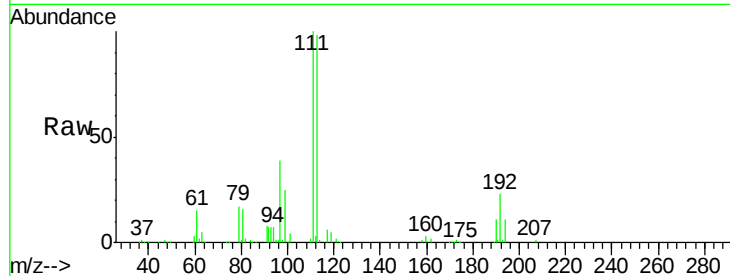




#35
Dibromofluoromethane
Concen: 49.992 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

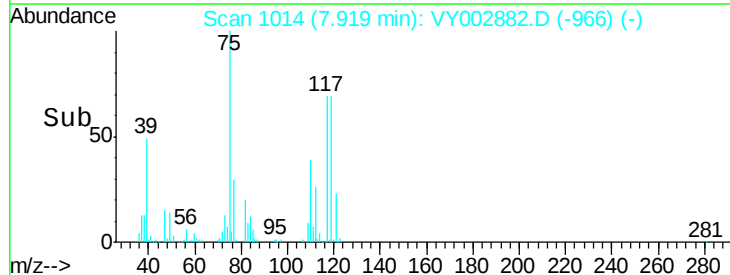
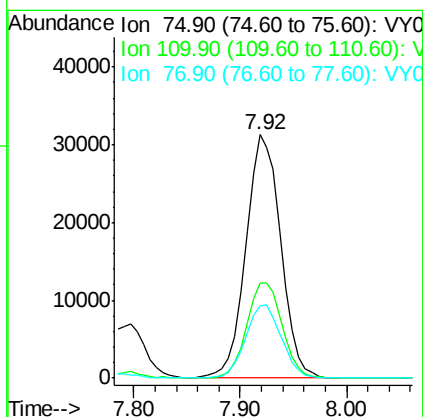
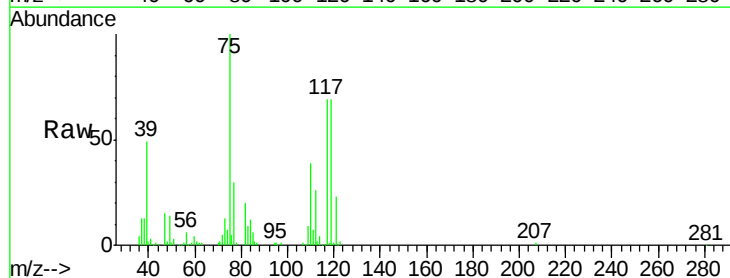
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

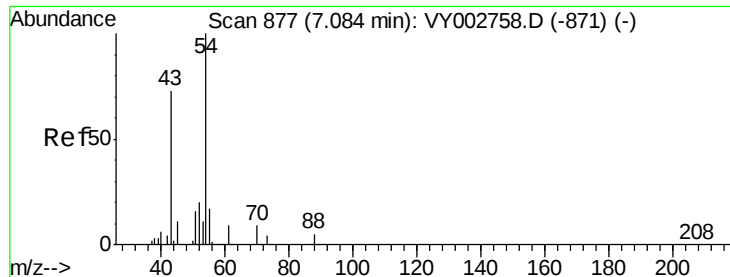
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	24.1	18.9	28.3



#36
1,1-Dichloropropene
Concen: 21.313 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

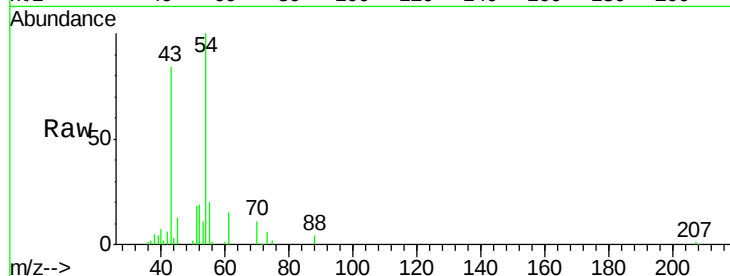




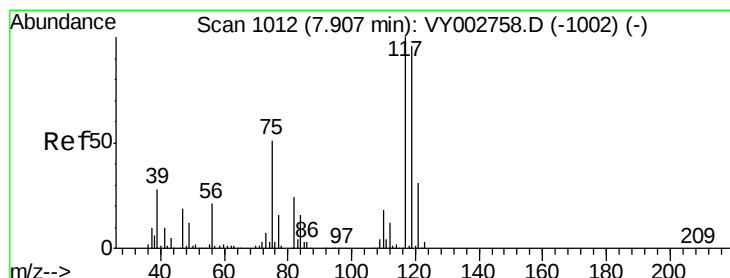
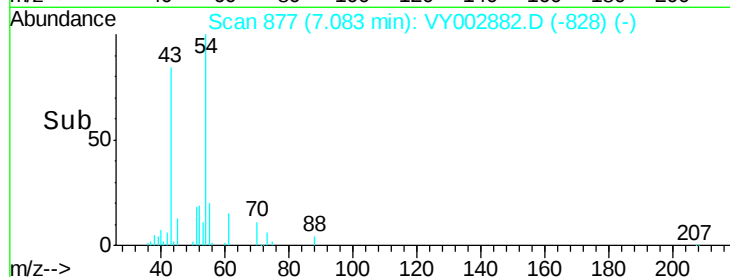
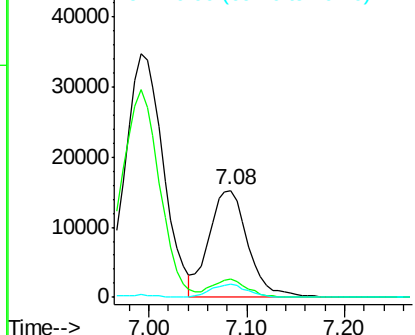
#37
Ethyl Acetate
Concen: 22.882 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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

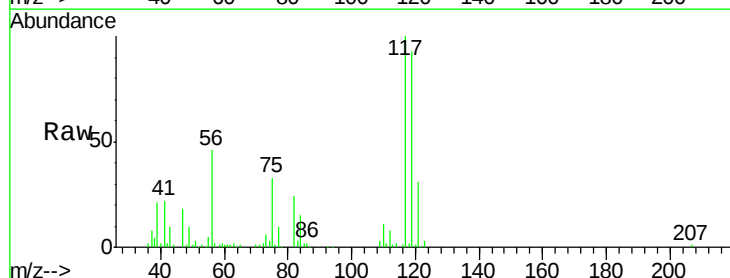


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

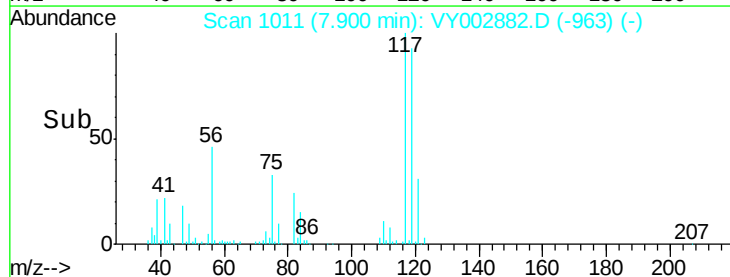
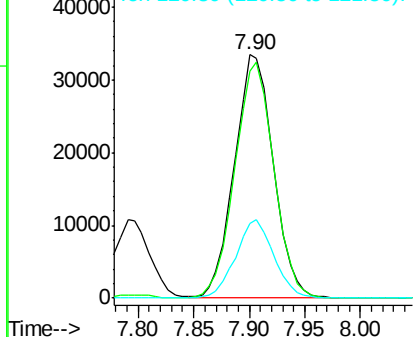


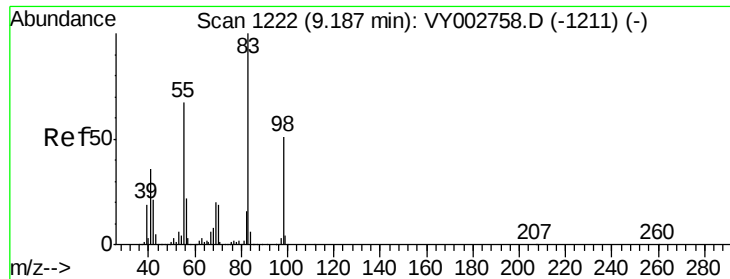
#38
Carbon Tetrachloride
Concen: 21.802 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

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



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

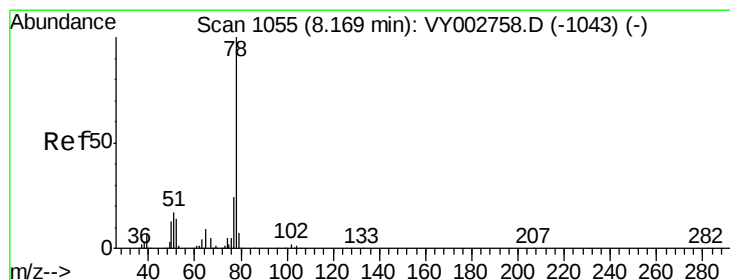
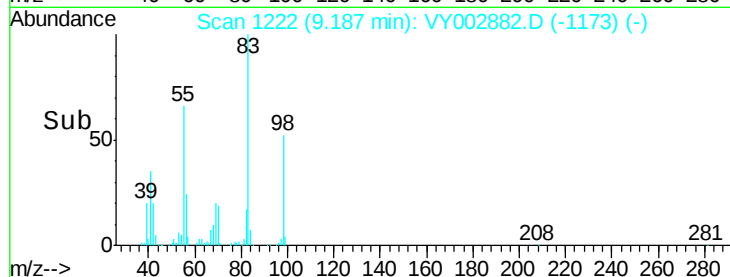
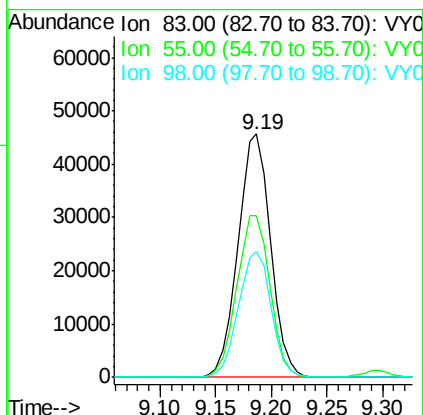
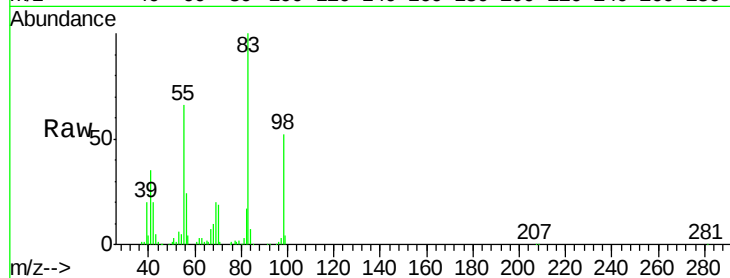




#39
Methvlcvclohexane
Concen: 20.847 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

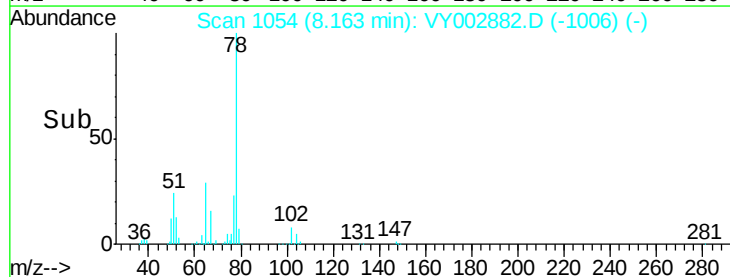
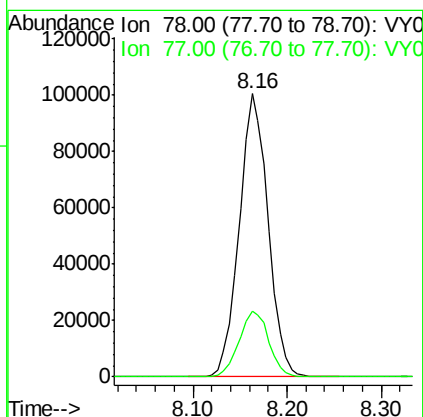
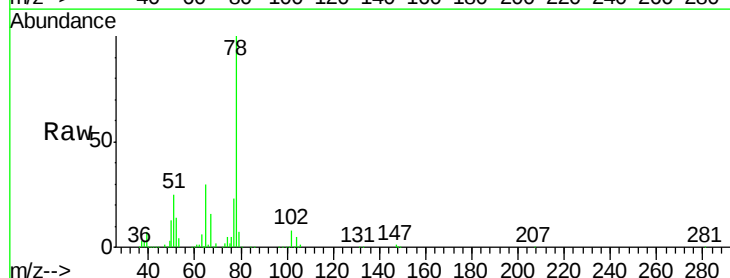
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

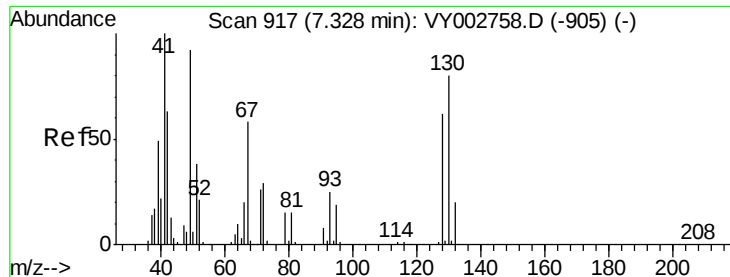
Tot Ion: 83 Resp: 92721
Ion Ratio Lower Upper
83 100
55 66.4 53.3 79.9
98 51.7 41.1 61.7



#40
Benzene
Concen: 21.538 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

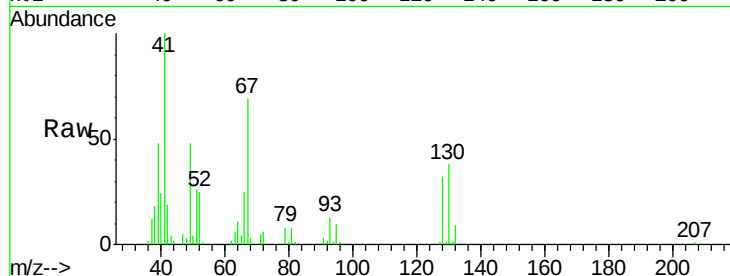




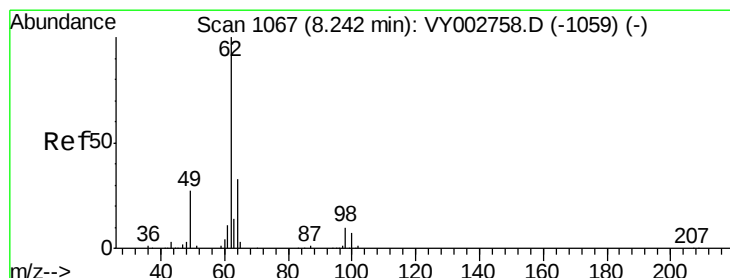
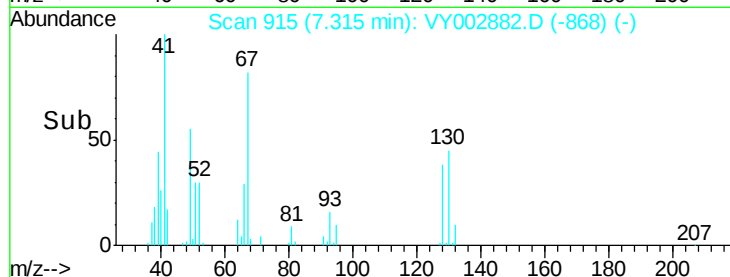
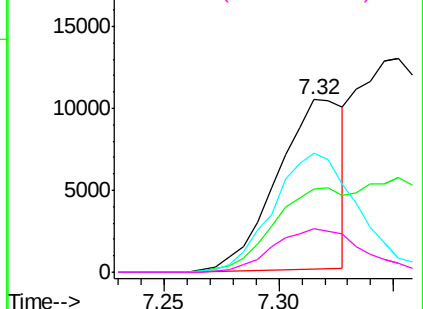
#41
Methacrylonitrile
Concen: 21.115 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tot Ion:	41	Resp:	20825
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

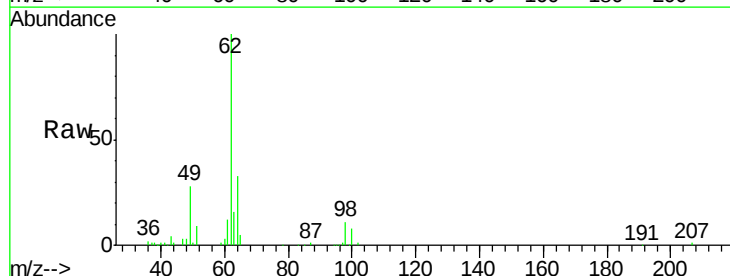


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

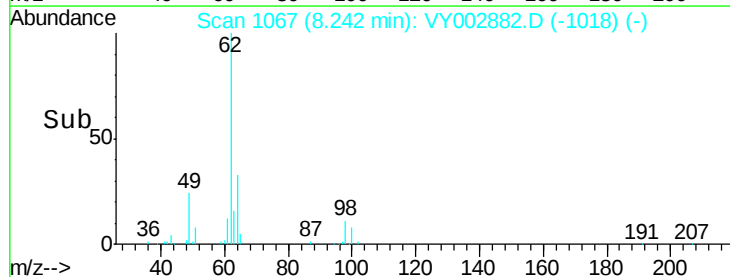
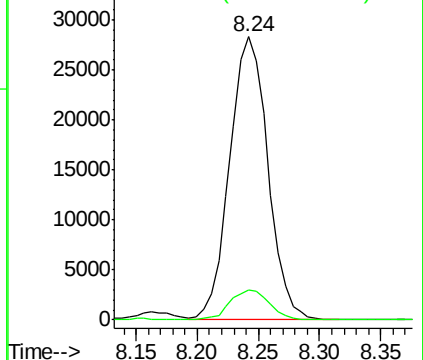


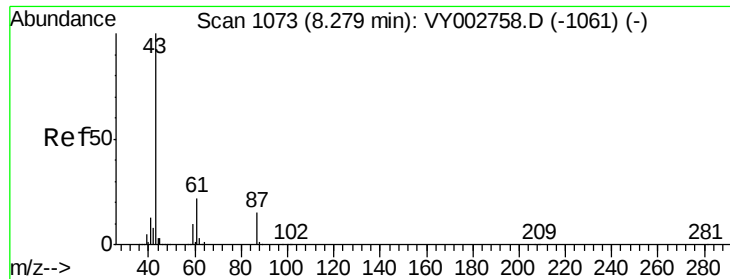
#42
1,2-Dichloroethane
Concen: 21.963 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

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: 21.788 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

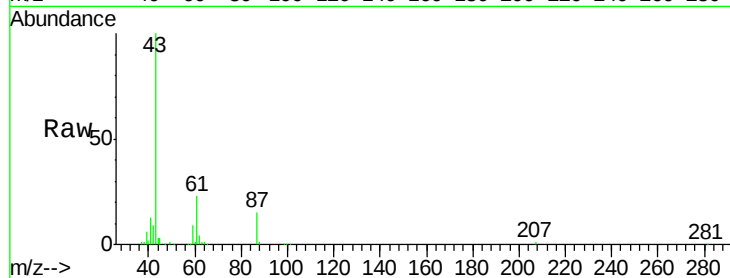
Tot Ion: 43 Resp: 75799

Ion Ratio Lower Upper

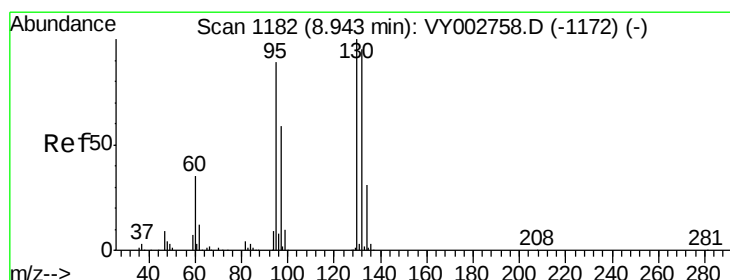
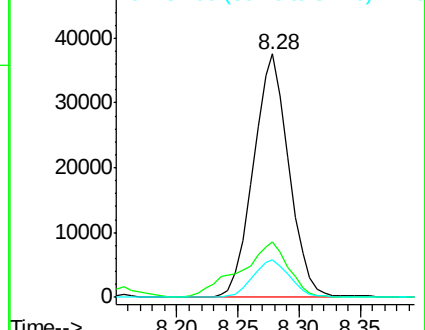
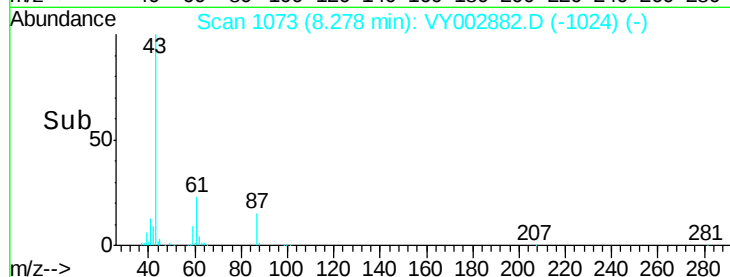
43 100

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) (-)



#44

Trichloroethene

Concen: 21.205 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002882.D

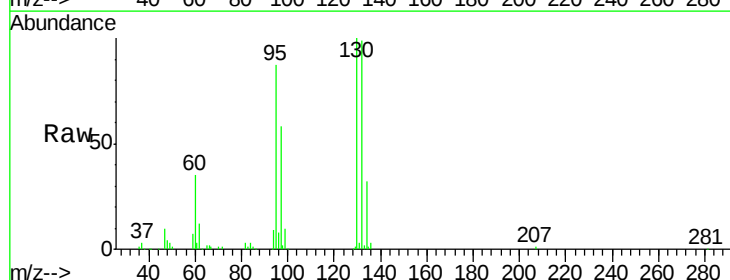
Acq: 11 Jun 2020 11:24

Tgt Ion: 130 Resp: 66781

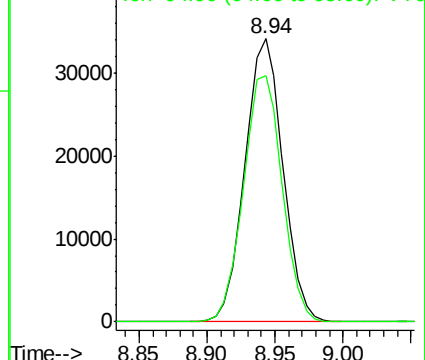
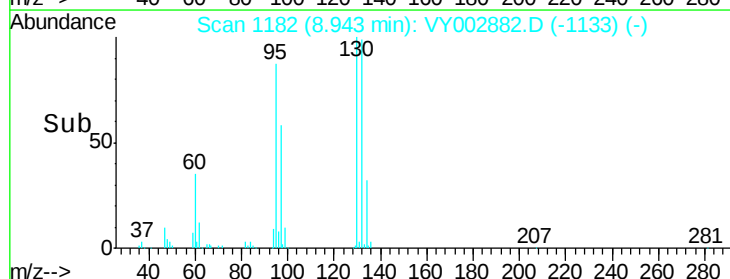
Ion Ratio Lower Upper

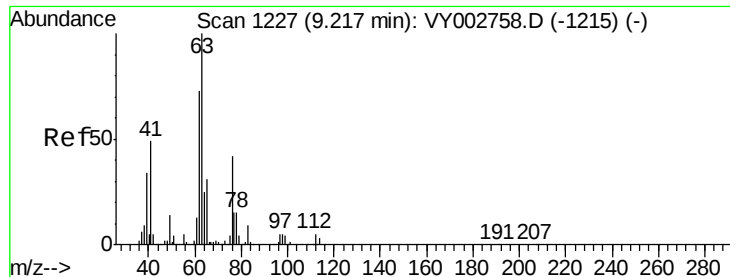
130 100

95 86.9 0.0 178.8



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

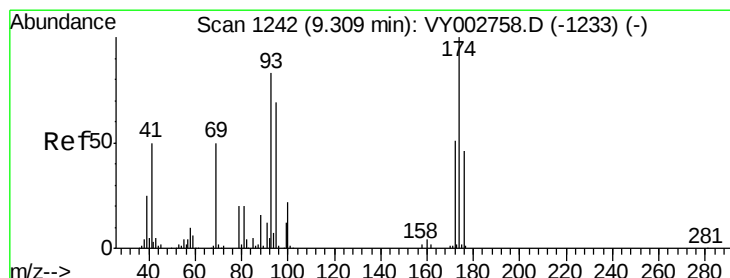
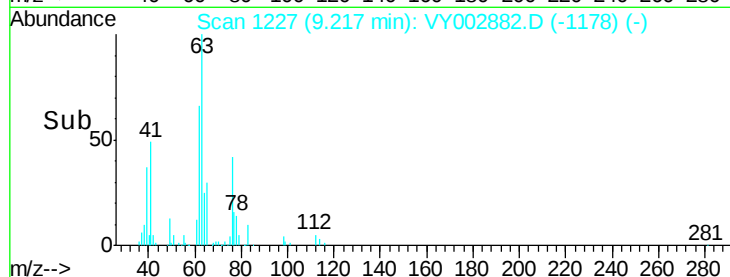
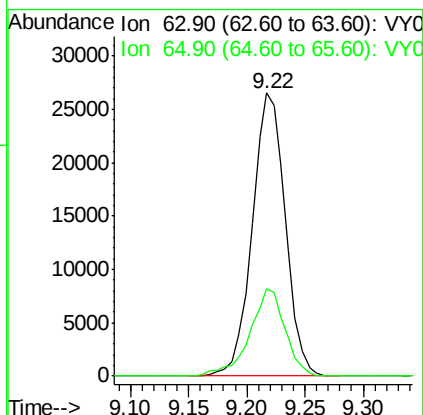
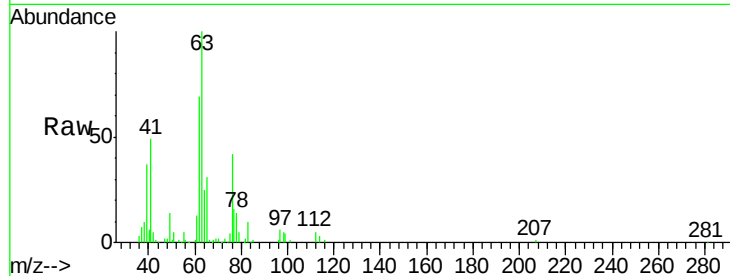




#45
 1,2-Dichloropropane
 Concen: 21.956 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

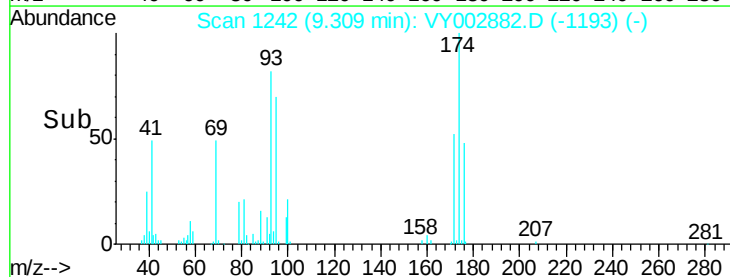
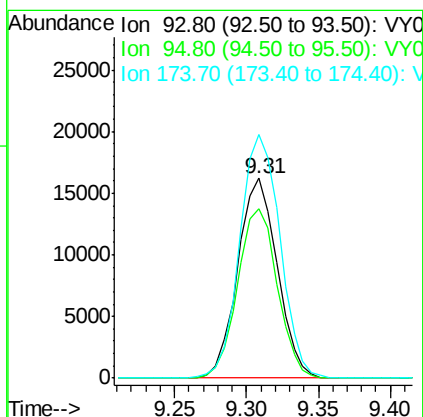
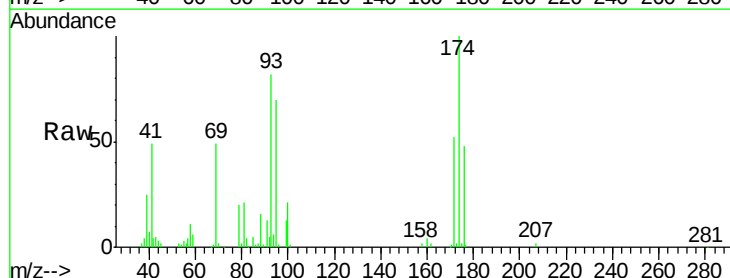
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

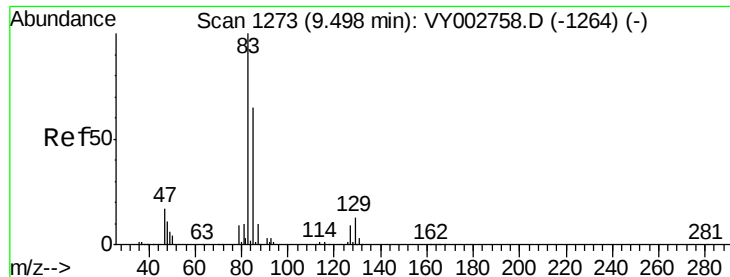
Tot Ion: 63 Resp: 52497
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.8 37.2



#46
 Dibromomethane
 Concen: 21.727 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: 21.941 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

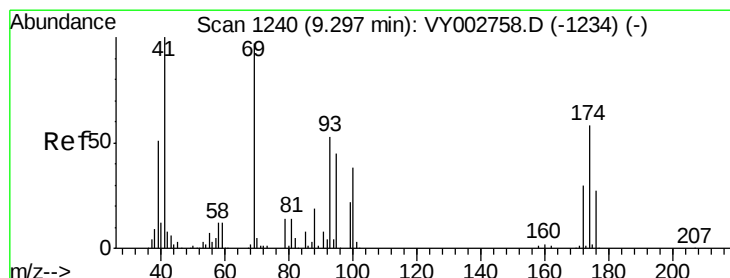
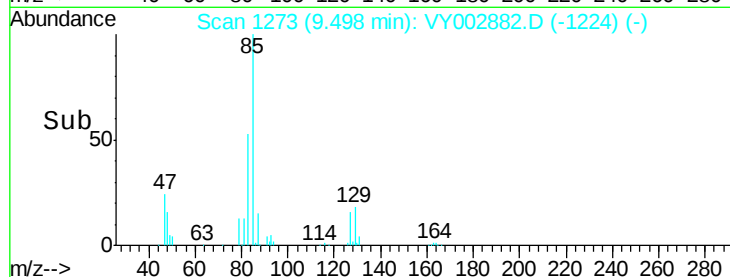
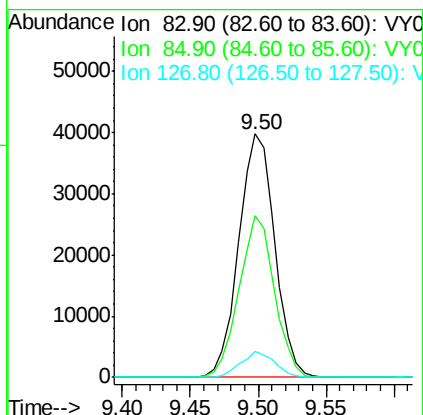
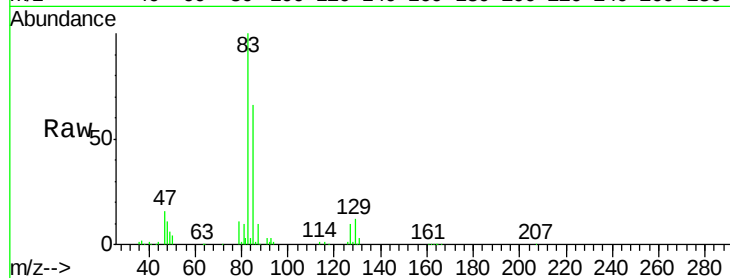
Tot Ion: 83 Resp: 73449

Ion Ratio Lower Upper

83 100

85 66.5 51.9 77.9

127 10.4 7.1 10.7



#48

Methyl methacrylate

Concen: 21.708 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

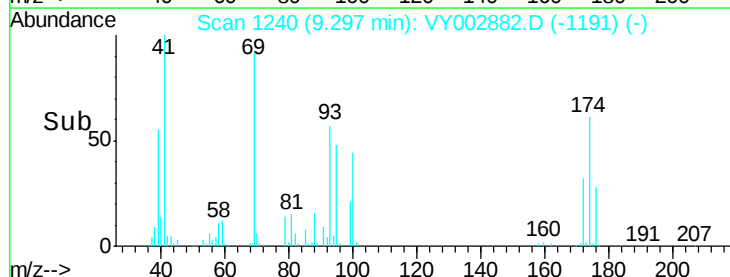
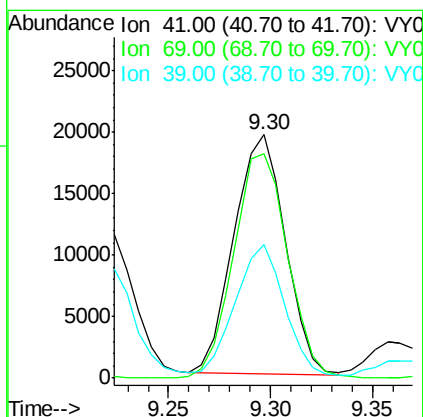
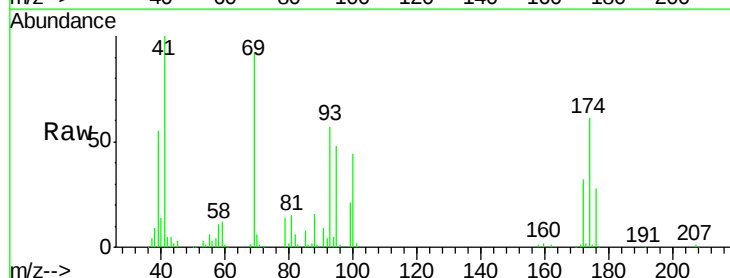
Tgt Ion: 41 Resp: 34093

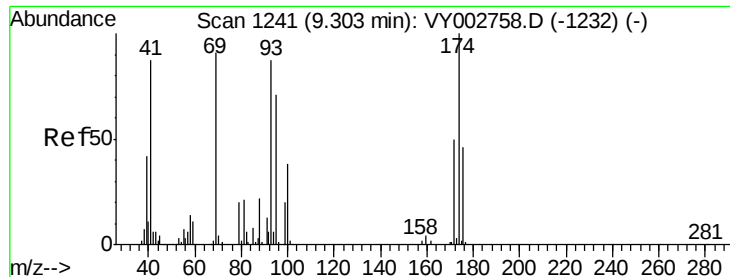
Ion Ratio Lower Upper

41 100

69 98.5 79.7 119.5

39 54.9 43.3 64.9

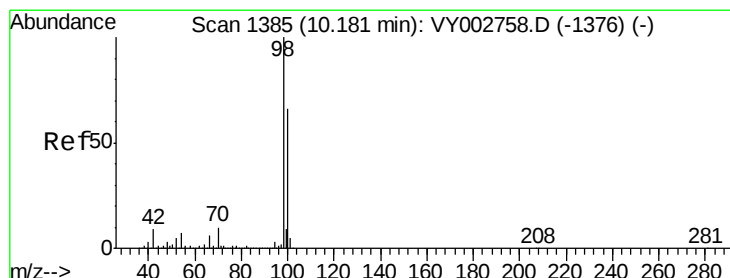
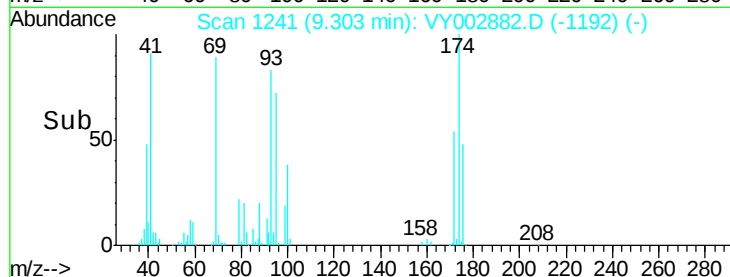
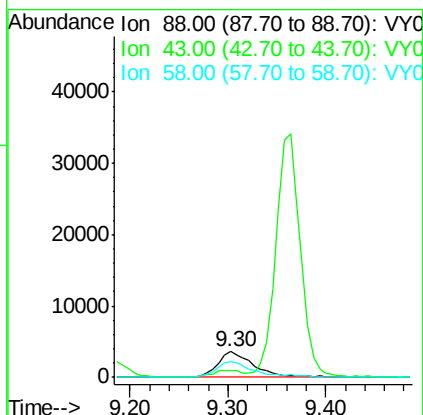
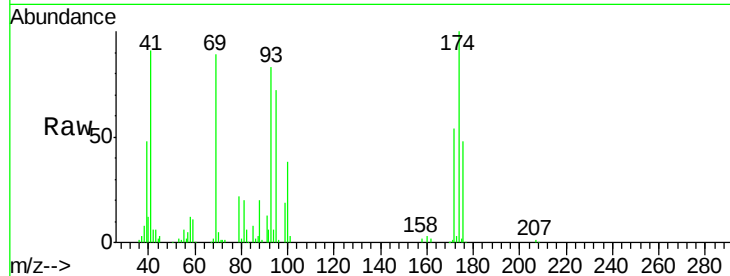




#49
1,4-Dioxane
Concen: 423.056 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

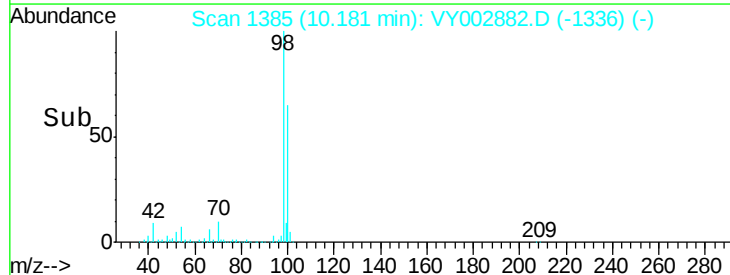
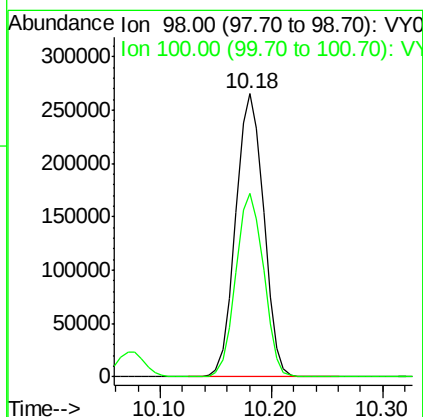
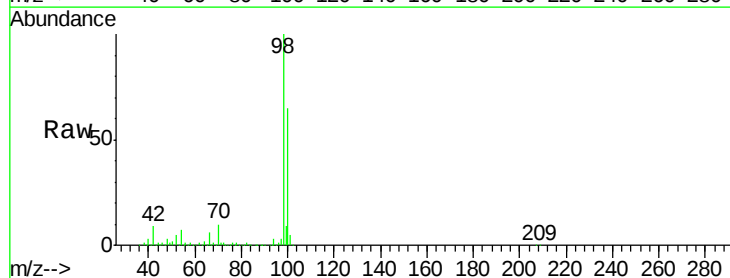
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

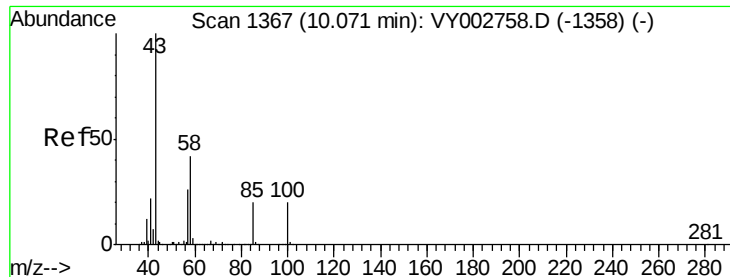
Tot Ion: 88 Resp: 9224
Ion Ratio Lower Upper
88 100
43 24.9 21.3 31.9
58 66.9 52.2 78.2



#50
Toluene-d8
Concen: 48.689 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





#51

4-Methyl-2-Pentanone

Concen: 113.083 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 :

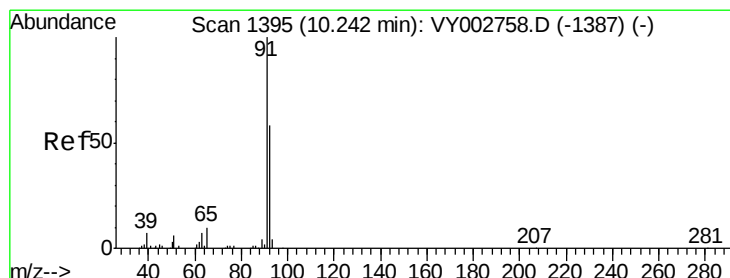
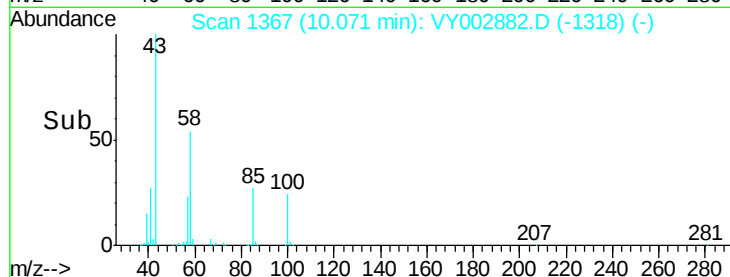
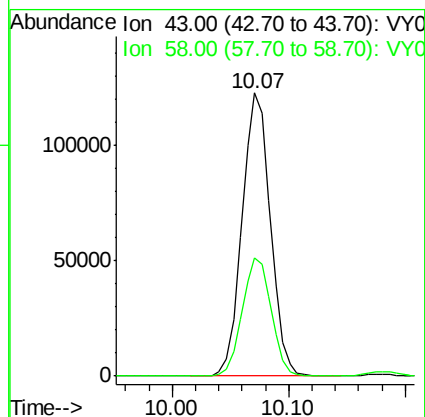
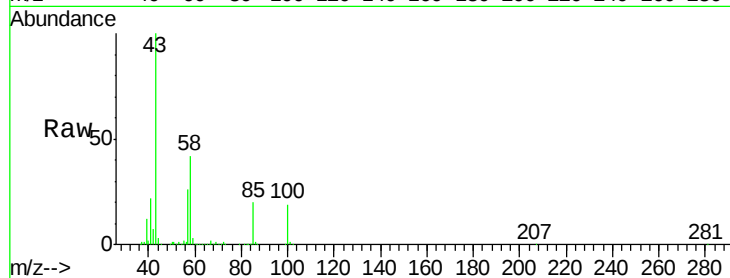
VY0611SBS01

Tot Ion: 43 Resp: 208321

Ion Ratio Lower Upper

43 100

58 42.4 34.2 51.2



#52

Toluene

Concen: 21.620 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002882.D

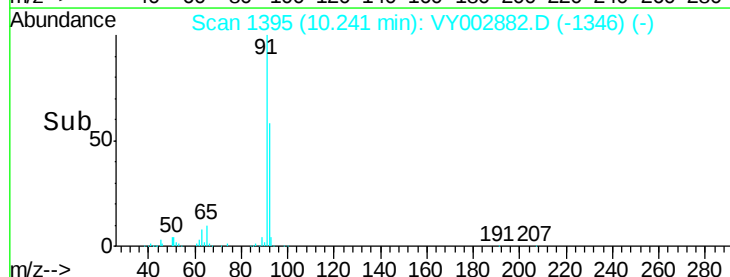
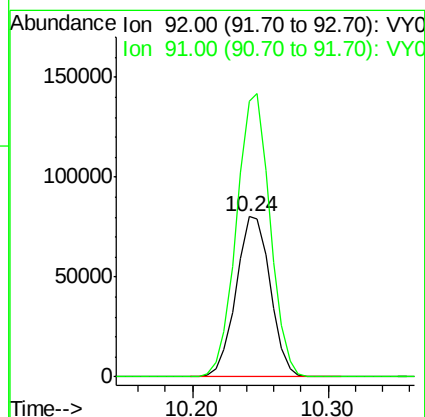
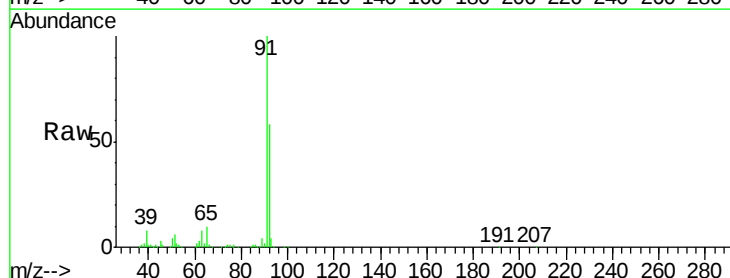
Acq: 11 Jun 2020 11:24

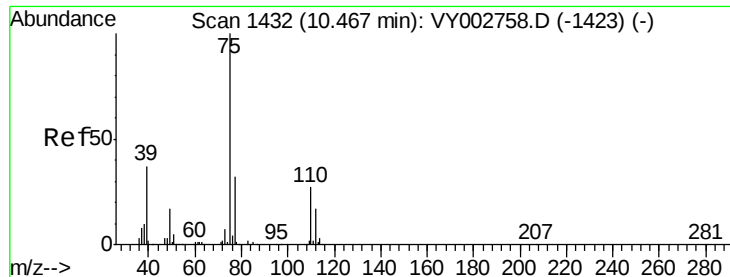
Tgt Ion: 92 Resp: 141016

Ion Ratio Lower Upper

92 100

91 172.6 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 22.130 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 :

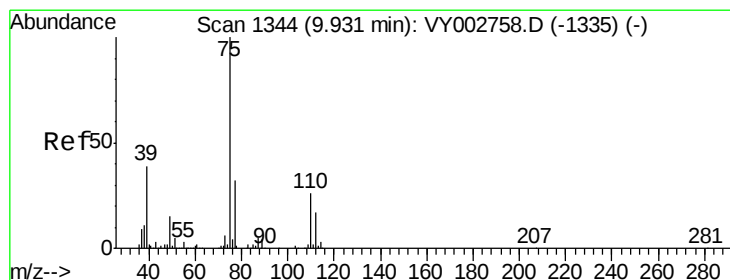
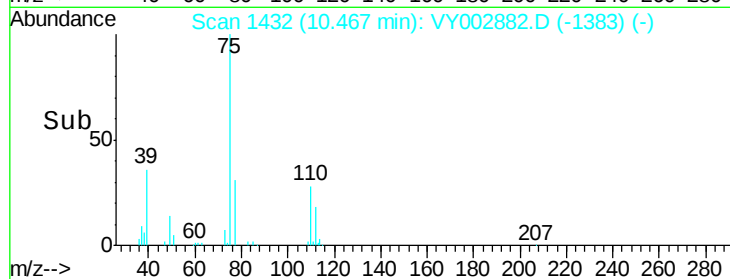
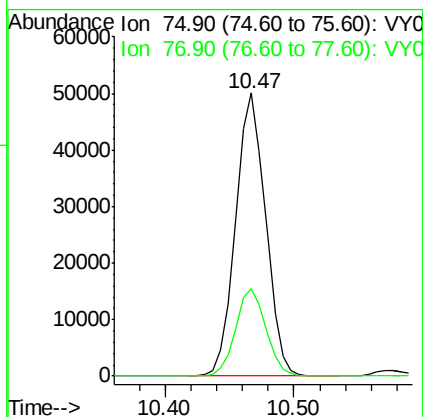
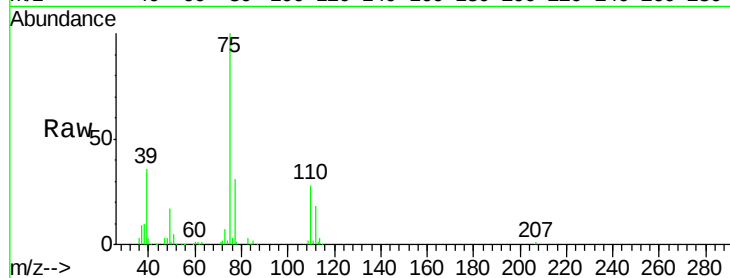
VY0611SBS01

Tot Ion: 75 Resp: 80916

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.871 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

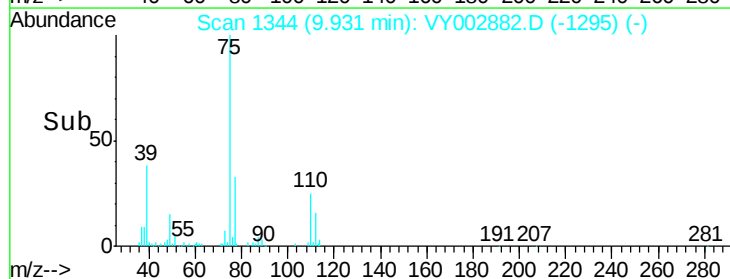
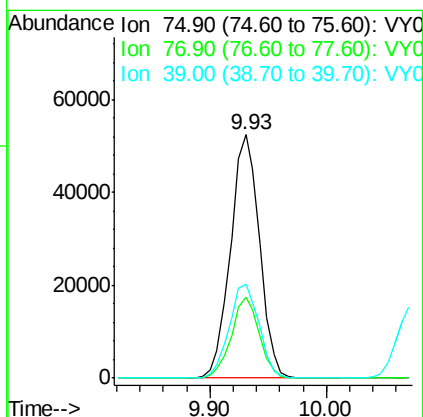
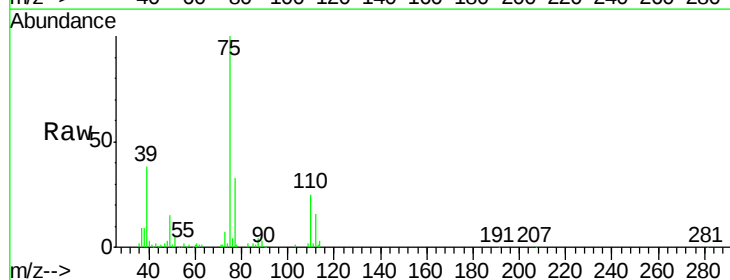
Tgt Ion: 75 Resp: 90614

Ion Ratio Lower Upper

75 100

77 33.0 25.6 38.4

39 38.5 31.3 46.9

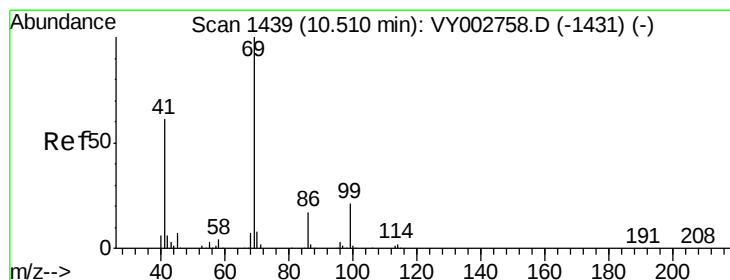
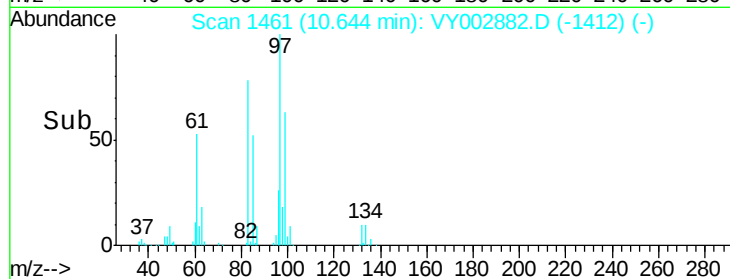
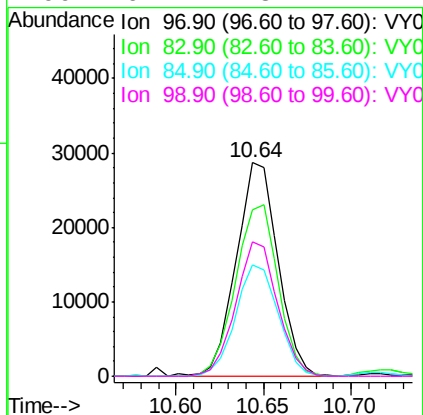
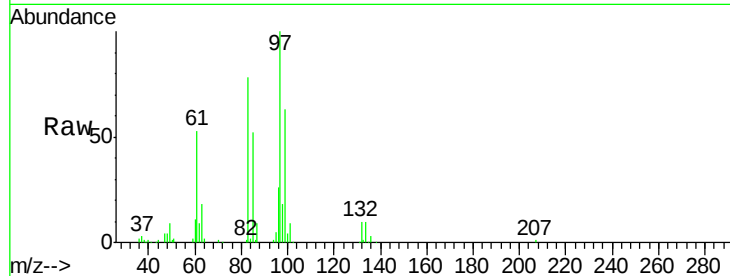




#55
 1,1,2-Trichloroethane
 Concen: 21.904 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

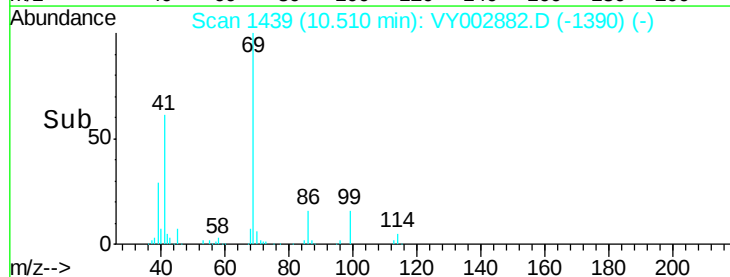
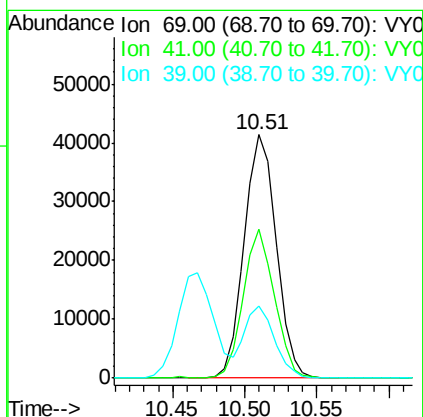
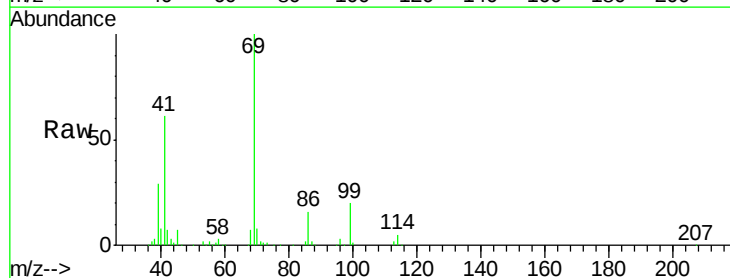
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Tot 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: 21.959 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: 22.048 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 :

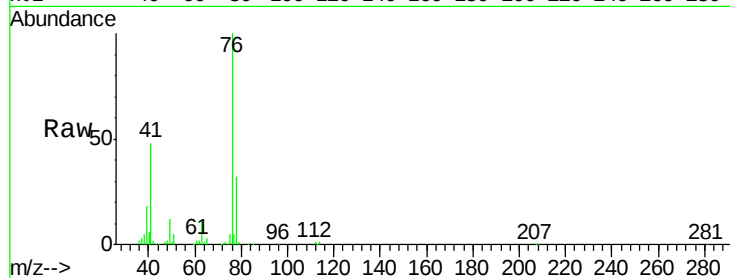
VY0611SBS01

Tot Ion: 76 Resp: 78837

Ion Ratio Lower Upper

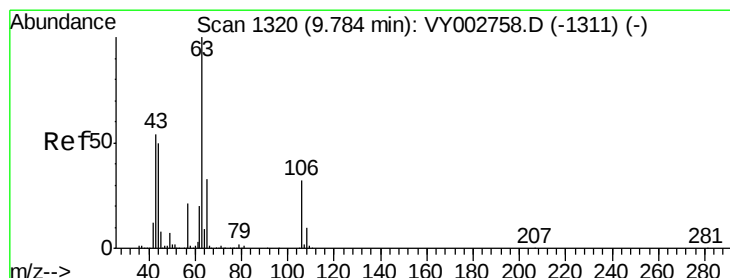
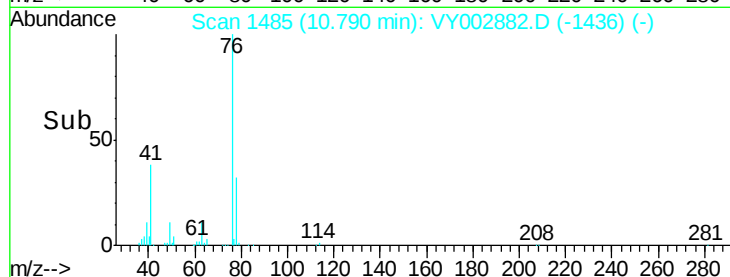
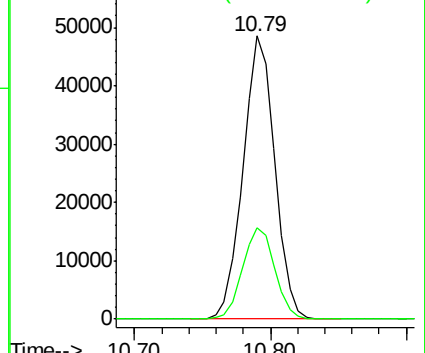
76 100

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: 108.108 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002882.D

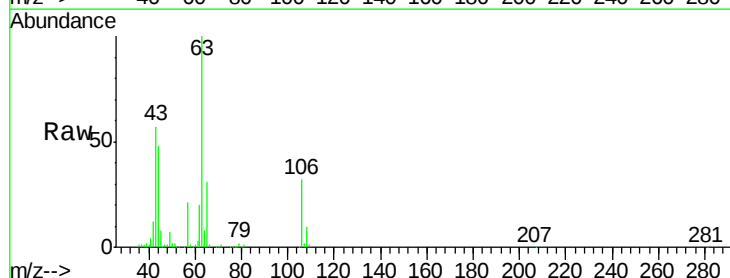
Acq: 11 Jun 2020 11:24

Tgt Ion: 63 Resp: 153814

Ion Ratio Lower Upper

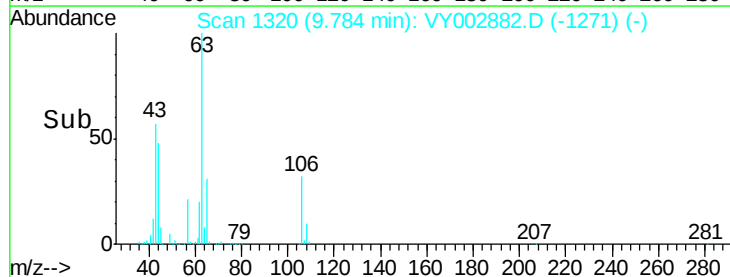
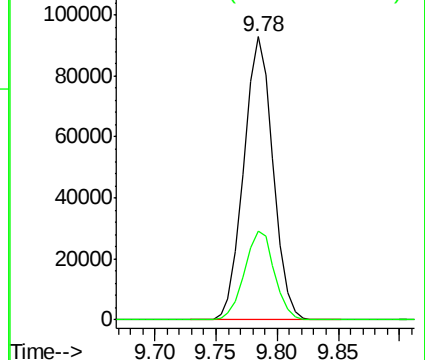
63 100

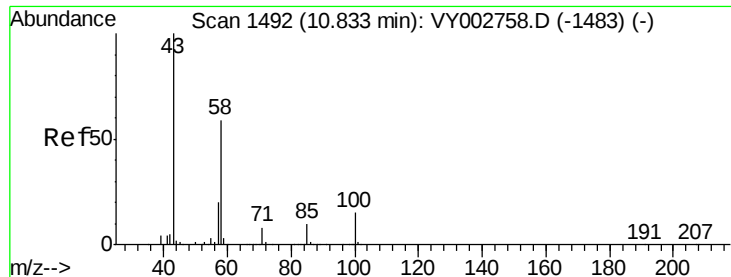
106 31.9 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

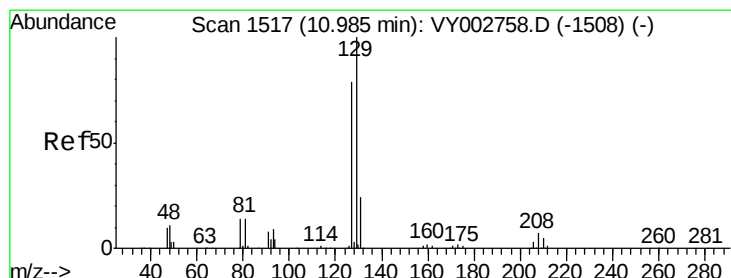
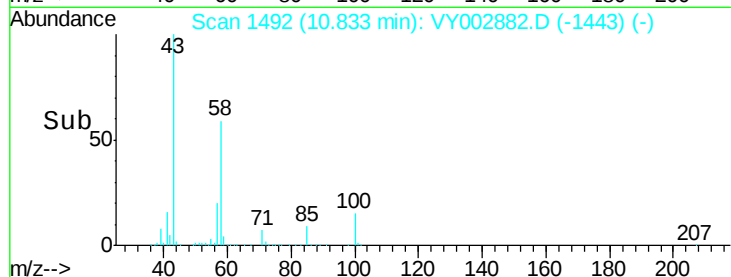
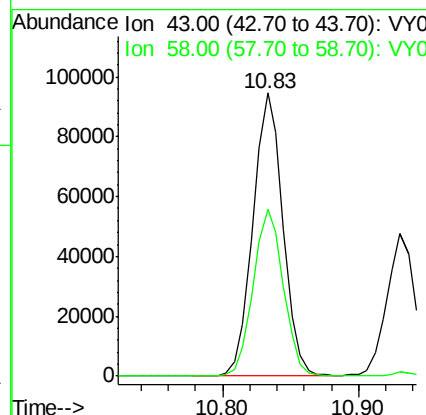
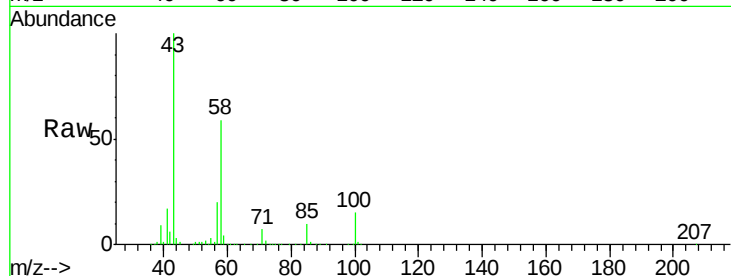




#59
2-Hexanone
Concen: 112.032 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

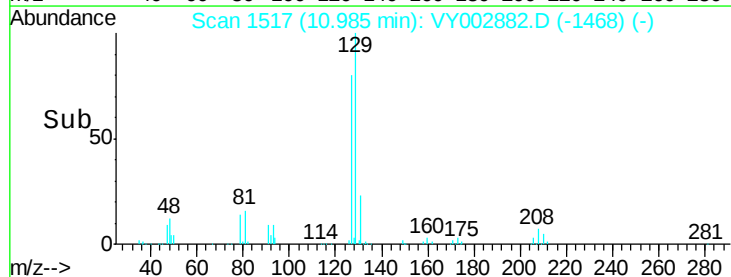
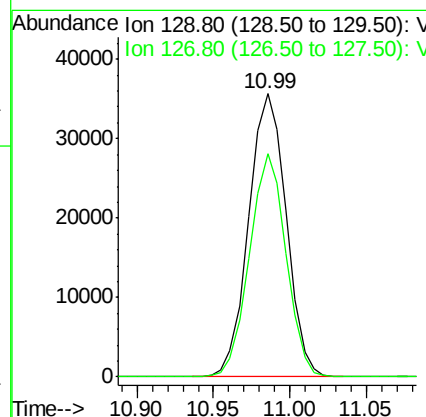
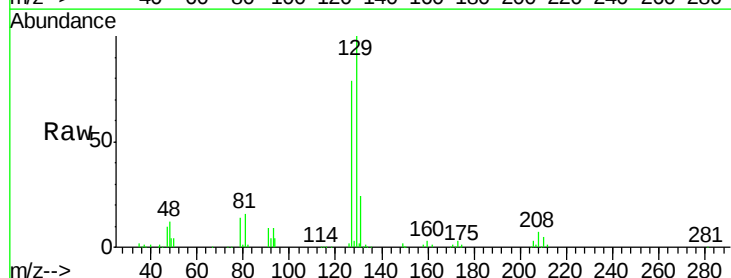
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

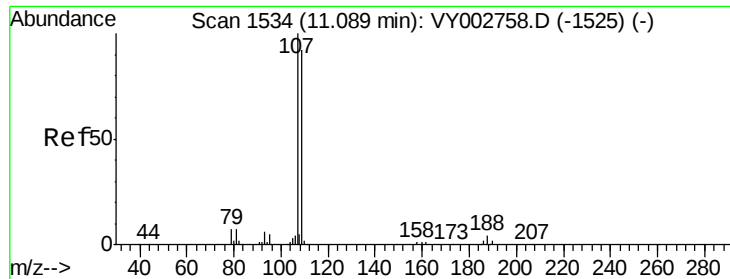
Tot Ion: 43 Resp: 146436
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 22.057 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

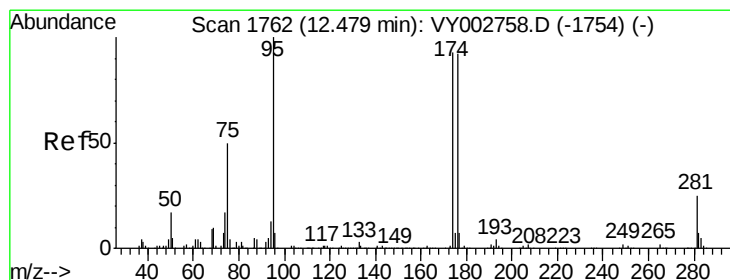
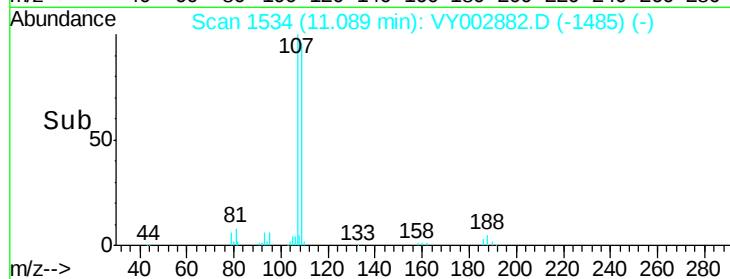
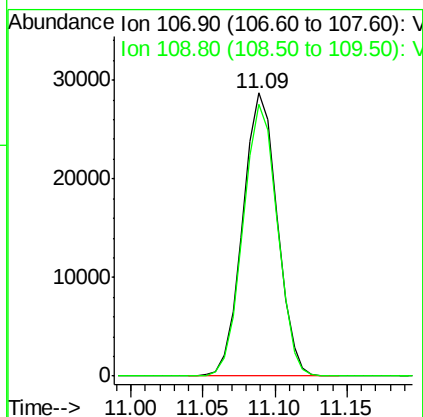
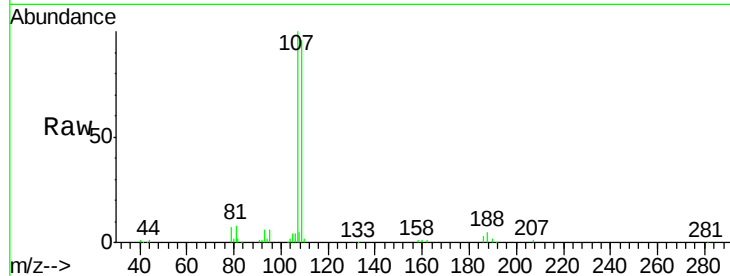




#61
 1,2-Dibromoethane
 Concen: 22.175 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

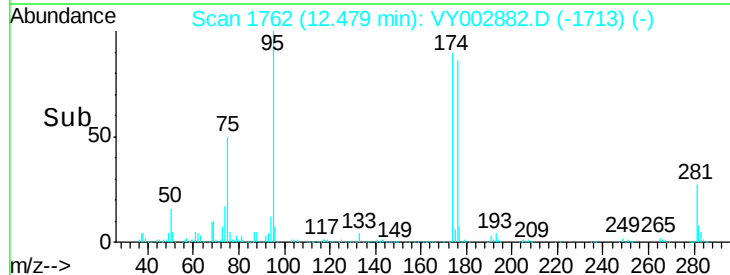
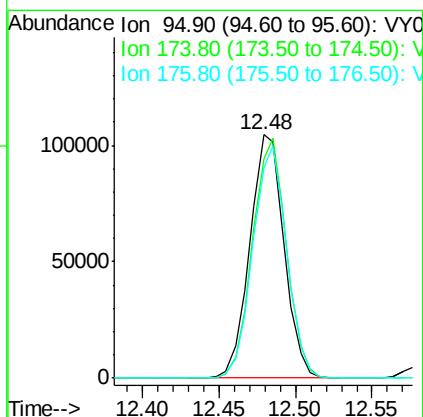
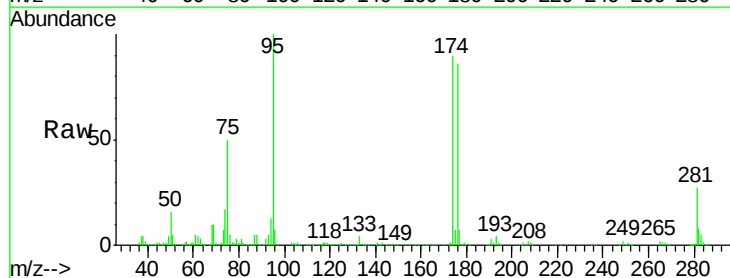
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

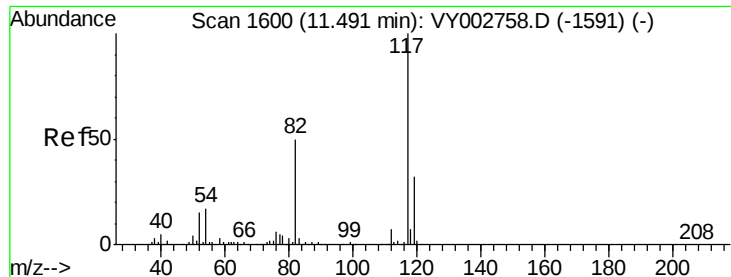
Tot Ion:107 Resp: 47553
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.131 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

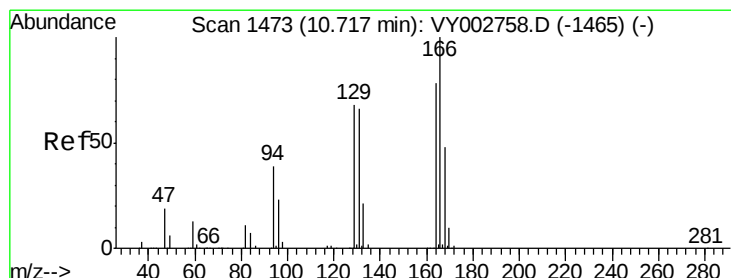
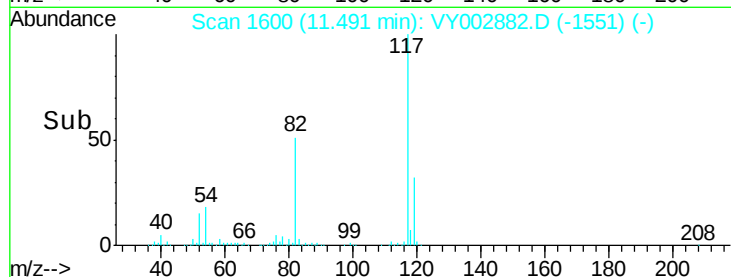
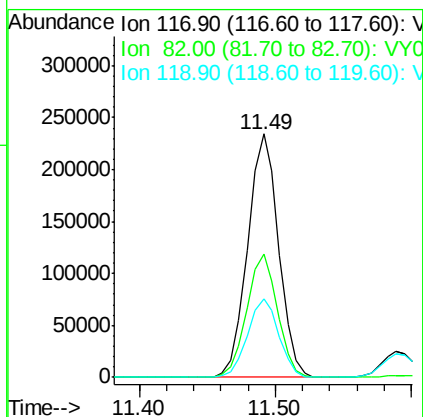
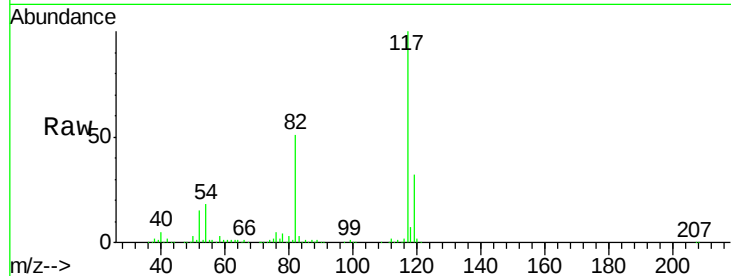




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

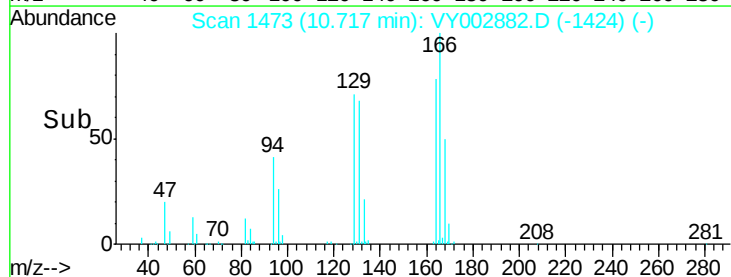
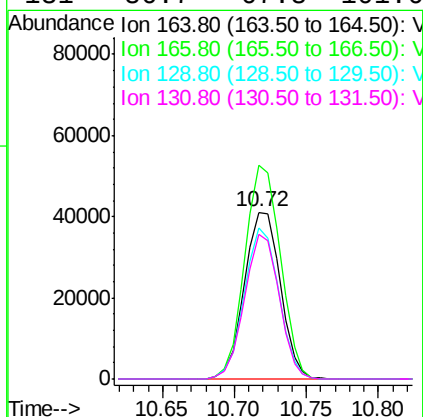
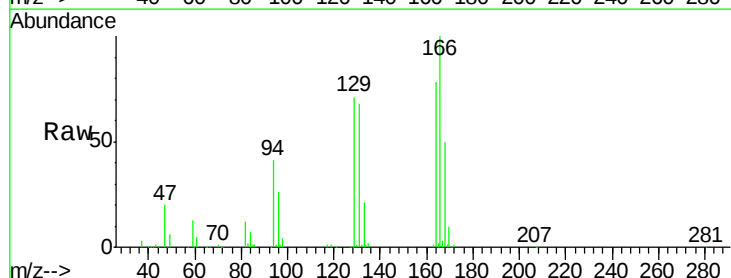
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

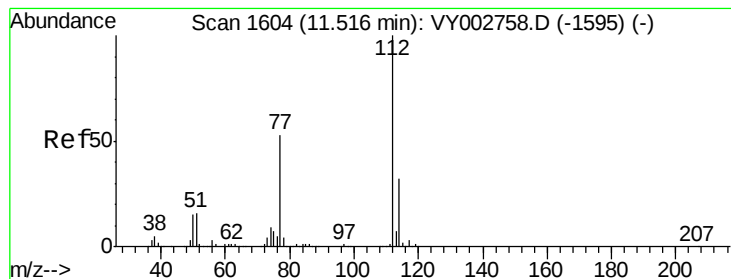
Tot Ion:117 Resp: 373256
Ion Ratio Lower Upper
117 100
82 50.5 40.2 60.4
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 20.942 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: 21.550 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 :

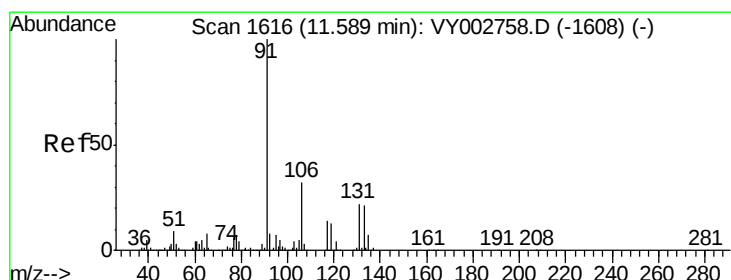
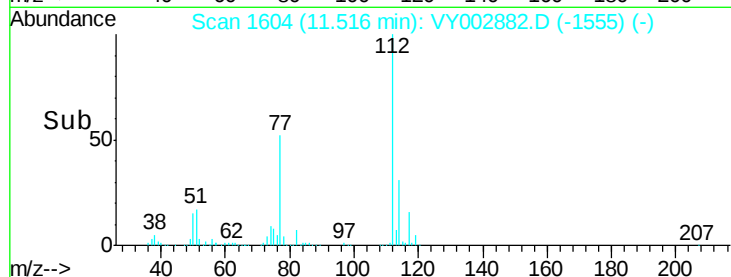
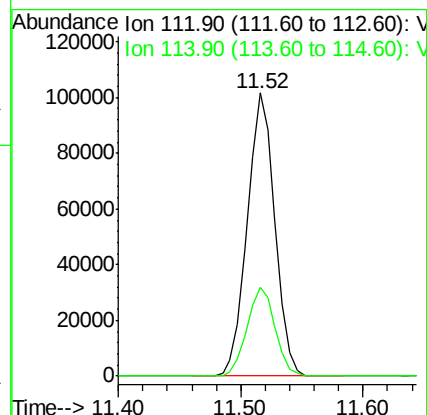
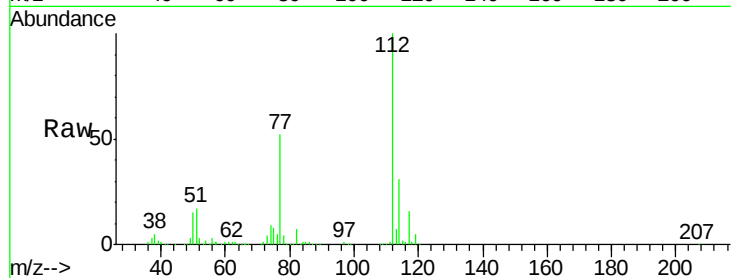
VY0611SBS01

Tot Ion:112 Resp: 158981

Ion Ratio Lower Upper

112 100

114 31.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 21.672 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

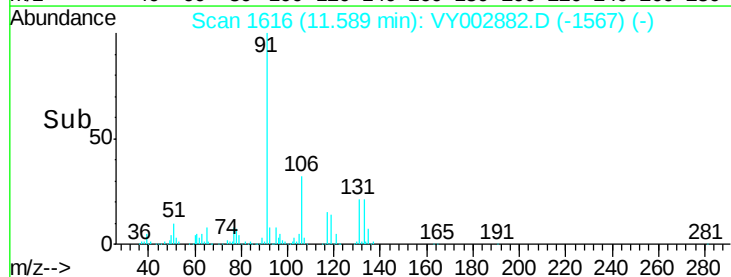
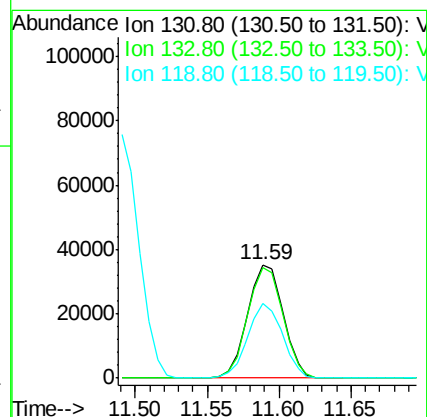
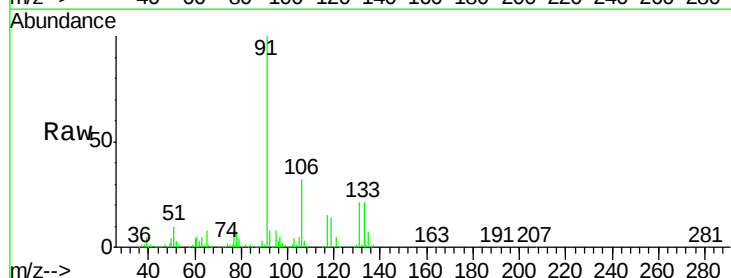
Tgt Ion:131 Resp: 60215

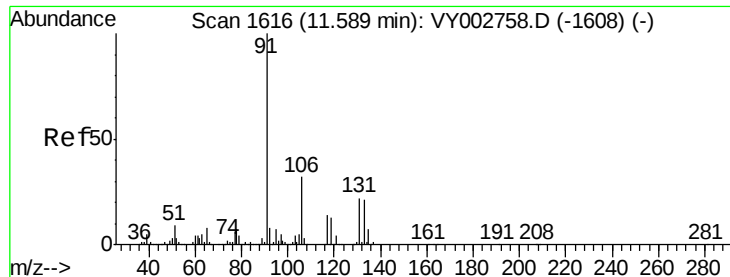
Ion Ratio Lower Upper

131 100

133 96.8 47.6 142.8

119 64.3 31.7 95.1





#67

Ethyl Benzene

Concen: 21.555 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 :

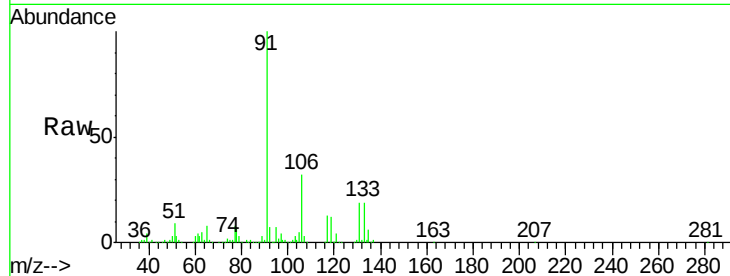
VY0611SBS01

Tot Ion: 91 Resp: 275683

Ion Ratio Lower Upper

91 100

106 32.0 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

250000

200000

150000

100000

50000

0

11.50

11.60

11.70

11.80

11.90

12.00

12.10

12.20

12.30

12.40

12.50

12.60

12.70

12.80

12.90

13.00

13.10

13.20

13.30

13.40

13.50

13.60

13.70

13.80

13.90

14.00

14.10

14.20

14.30

14.40

14.50

14.60

14.70

14.80

14.90

15.00

15.10

15.20

15.30

15.40

15.50

15.60

15.70

15.80

15.90

16.00

16.10

16.20

16.30

16.40

16.50

16.60

16.70

16.80

16.90

17.00

17.10

17.20

17.30

17.40

17.50

17.60

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17.80

17.90

18.00

18.10

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18.60

18.70

18.80

18.90

19.00

19.10

19.20

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19.90

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20.90

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21.80

21.90

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25.60

25.70

25.80

25.90

26.00

26.10

26.20

26.30

26.40

26.50

26.60

26.70

26.80

26.90

27.00

27.10

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27.50

27.60

27.70

27.80

27.90

28.00

28.10

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28.40

28.50

28.60

28.70

28.80

28.90

29.00

29.10

29.20

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29.70

29.80

29.90

30.00

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30.60

30.70

30.80

30.90

31.00

31.10

31.20

31.30

31.40

31.50

31.60

31.70

31.80

31.90

32.00

32.10

32.20

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34.90

35.00

35.10

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35.50

35.60

35.70

35.80

35.90

36.00

36.10

36.20

36.30

36.40

36.50

36.60

36.70

36.80

36.90

37.00

37.10

37.20

37.30

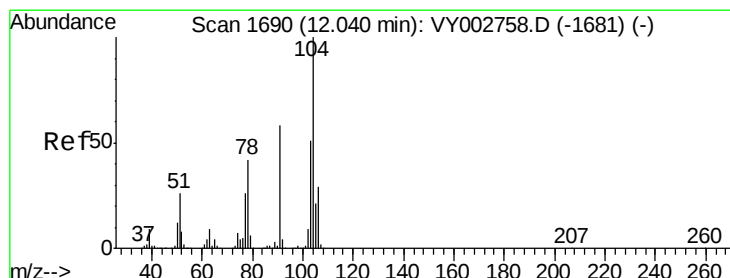
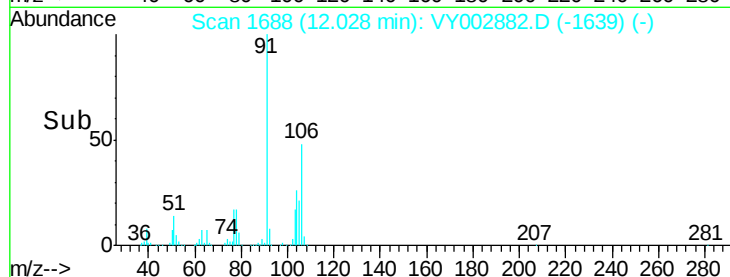
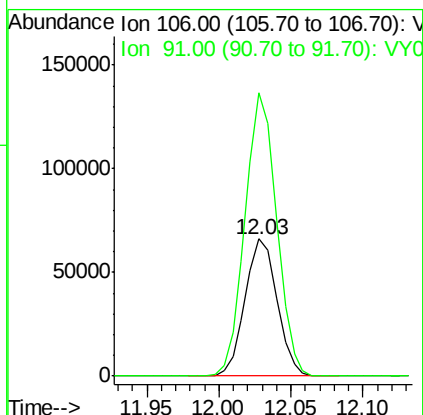
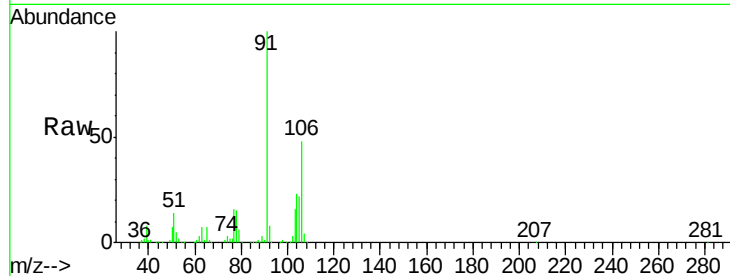
37.40



#69
o-Xylene
Concen: 21.716 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

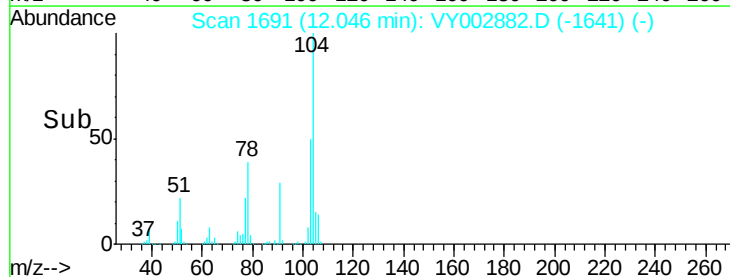
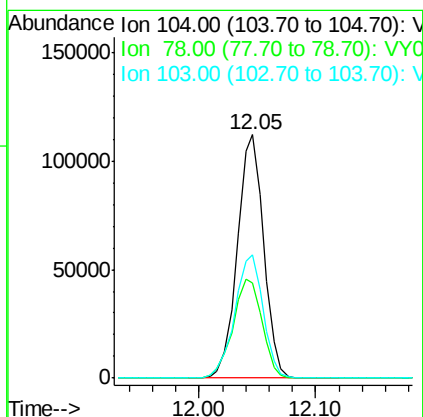
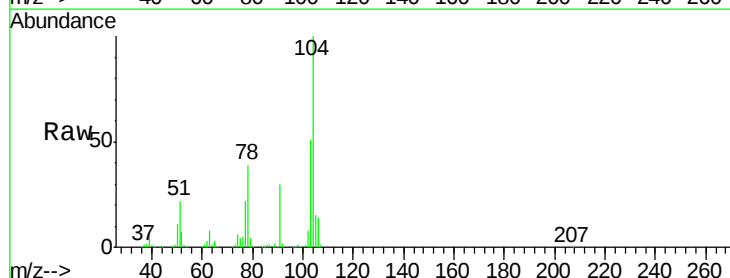
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

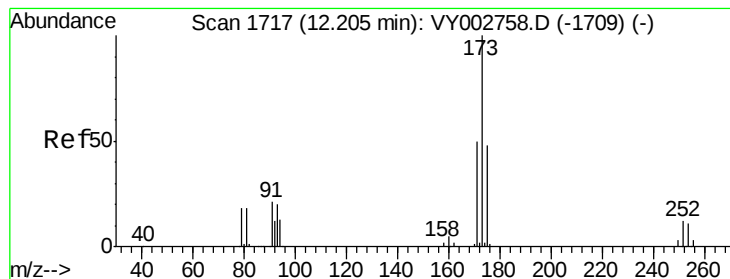
Tot Ion:106 Resp: 101660
Ion Ratio Lower Upper
106 100
91 204.3 102.4 307.1



#70
Styrene
Concen: 21.753 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: 22.351 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

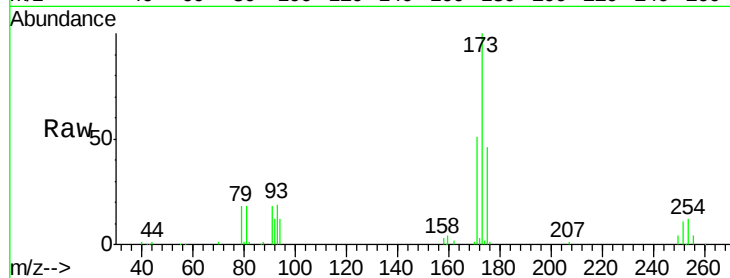
Tot Ion:173 Resp: 41555

Ion Ratio Lower Upper

173 100

175 48.0 24.3 72.8

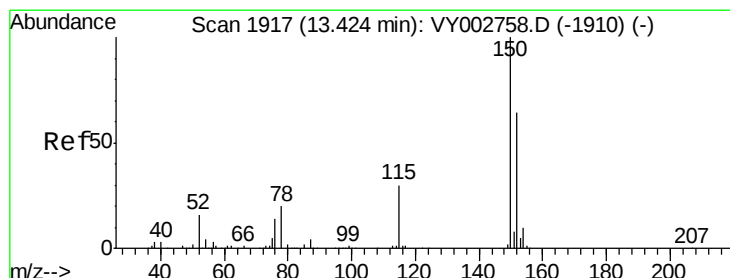
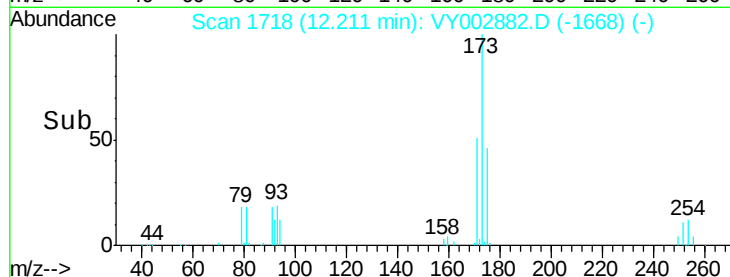
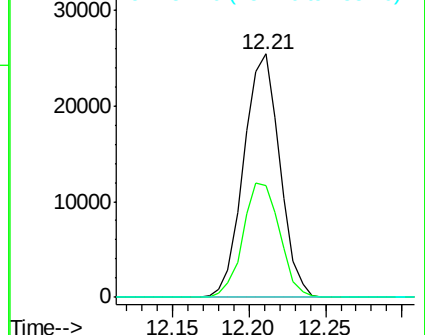
254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

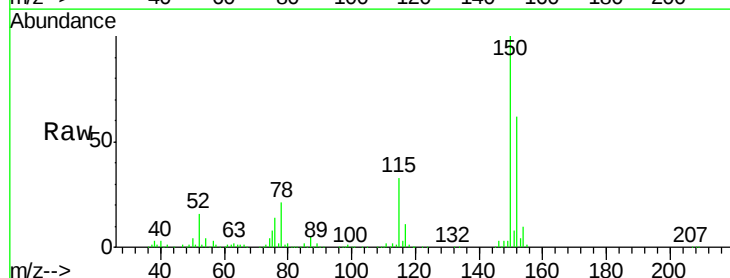
Tgt Ion:152 Resp: 205332

Ion Ratio Lower Upper

152 100

115 53.0 27.0 81.0

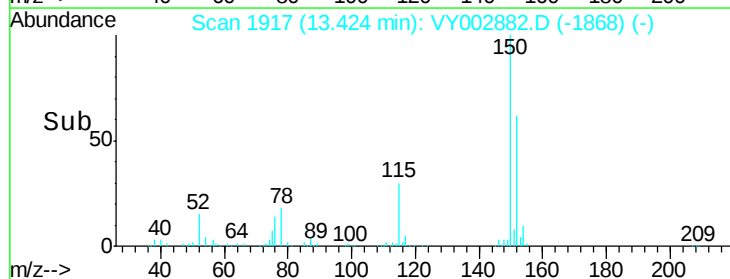
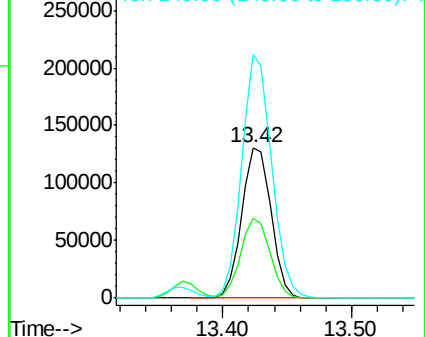
150 165.3 0.0 344.8

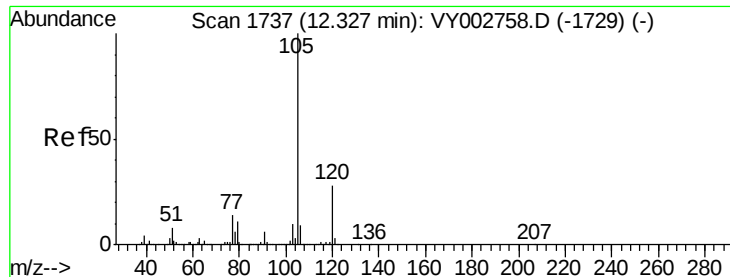


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.083 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 :

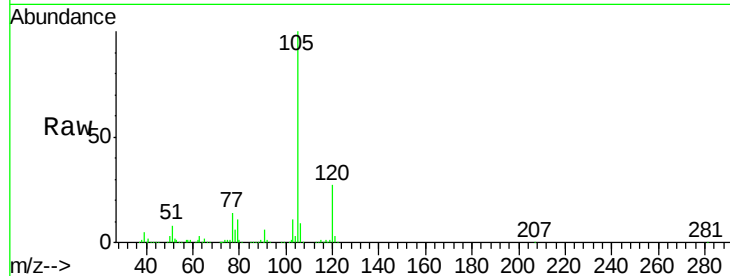
VY0611SBS01

Tot Ion:105 Resp: 277421

Ion Ratio Lower Upper

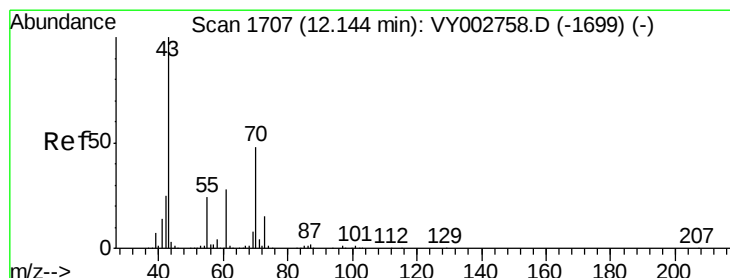
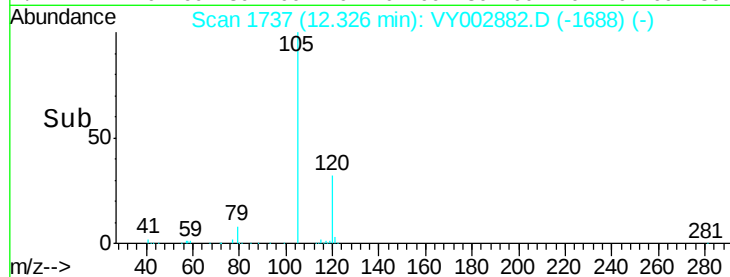
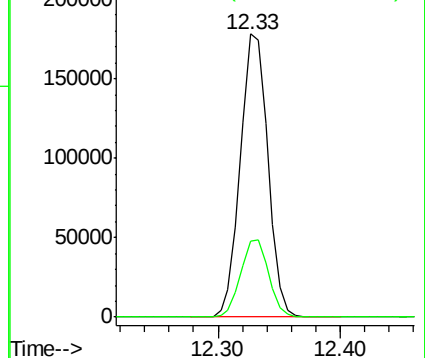
105 100

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: 21.326 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

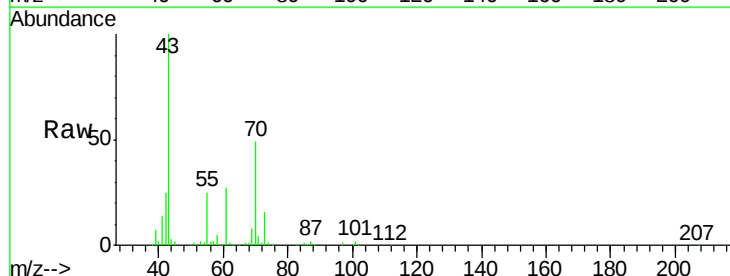
Ion Ratio Lower Upper

43 100

70 48.9 37.7 56.5

55 25.2 19.8 29.6

61 26.8 21.7 32.5

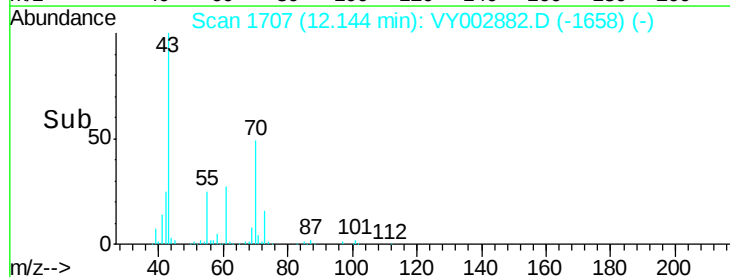
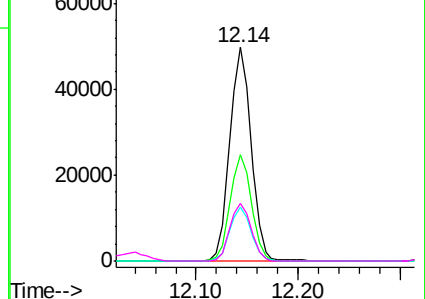


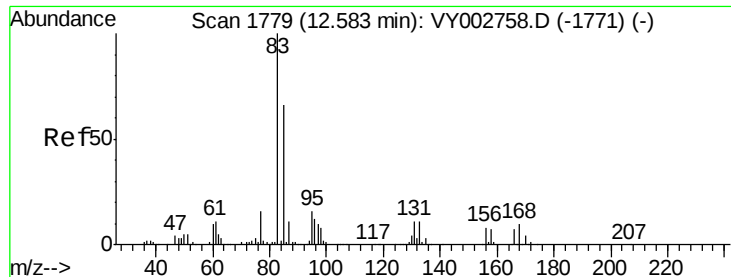
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 22.168 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

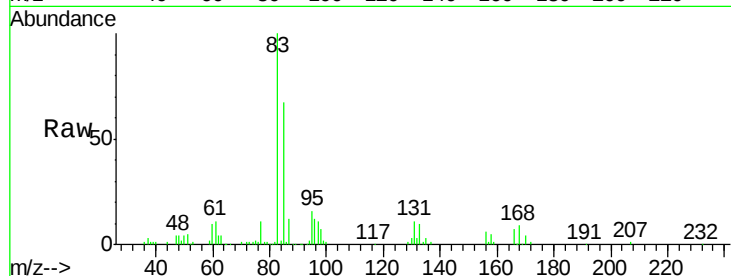
Tot Ion: 83 Resp: 51181

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

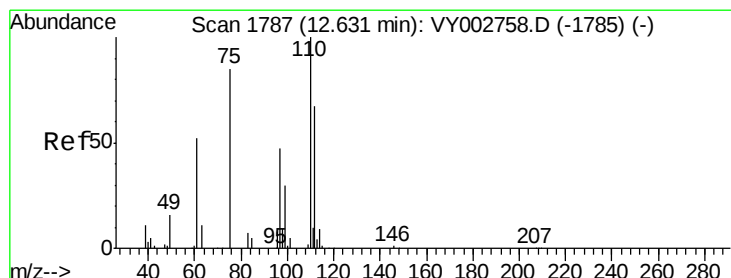
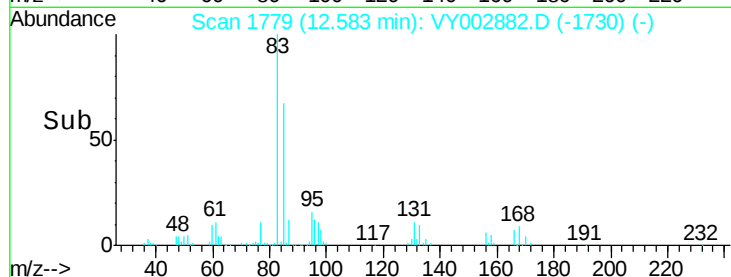
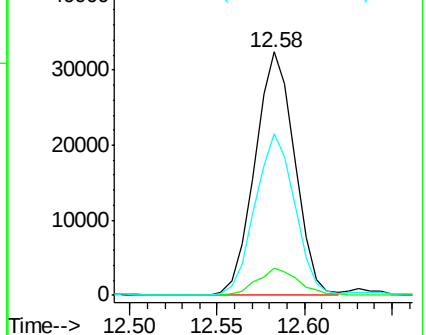
85 66.4 32.6 98.0



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: 22.769 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002882.D

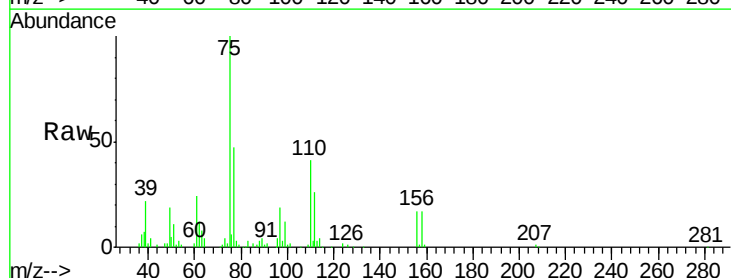
Acq: 11 Jun 2020 11:24

Tgt Ion: 75 Resp: 42127

Ion Ratio Lower Upper

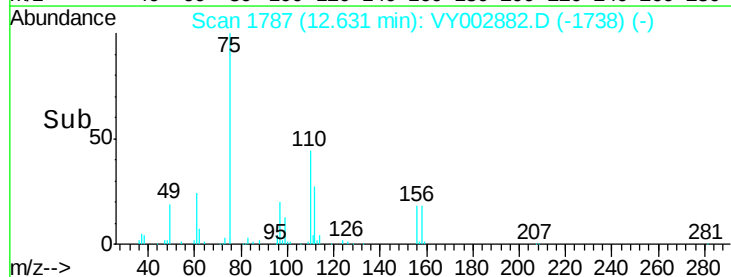
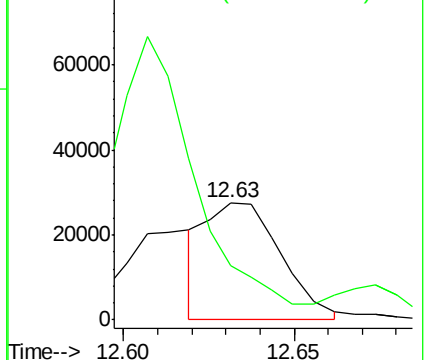
75 100

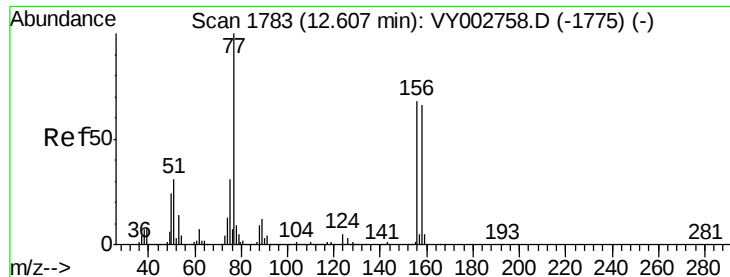
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.663 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

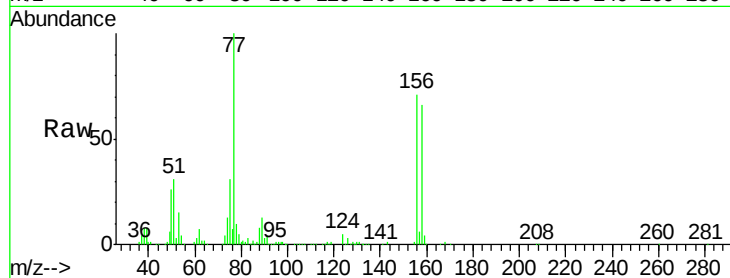
Tot Ion:156 Resp: 74223

Ion Ratio Lower Upper

156 100

77 158.1 81.4 244.2

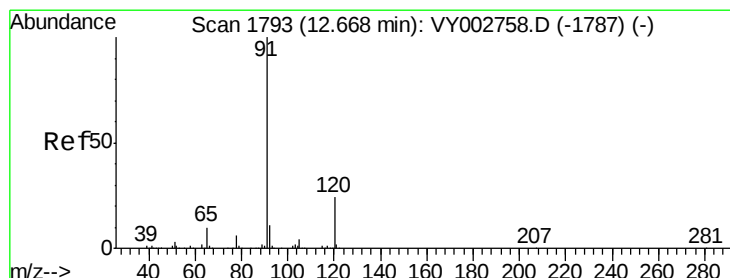
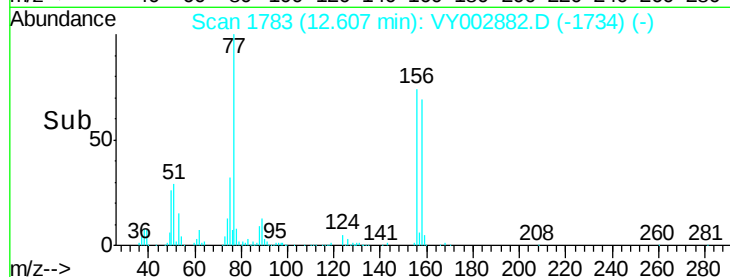
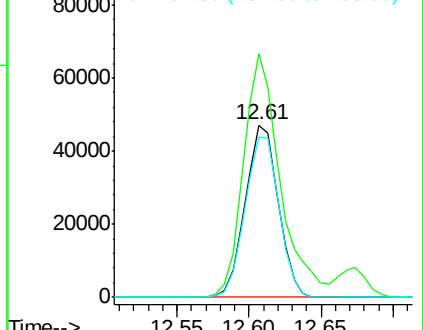
158 96.1 48.5 145.6



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: 21.258 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002882.D

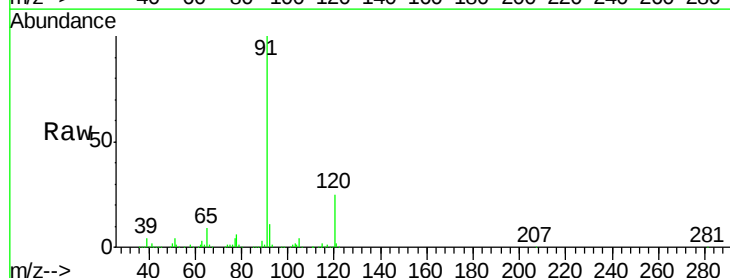
Acq: 11 Jun 2020 11:24

Tgt Ion: 91 Resp: 323118

Ion Ratio Lower Upper

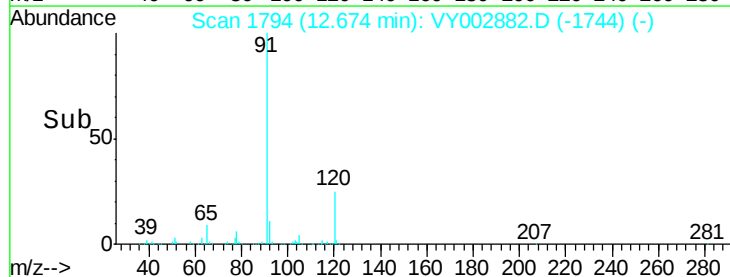
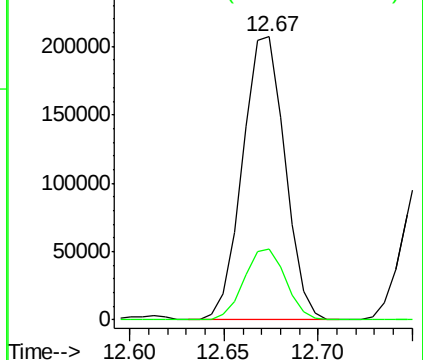
91 100

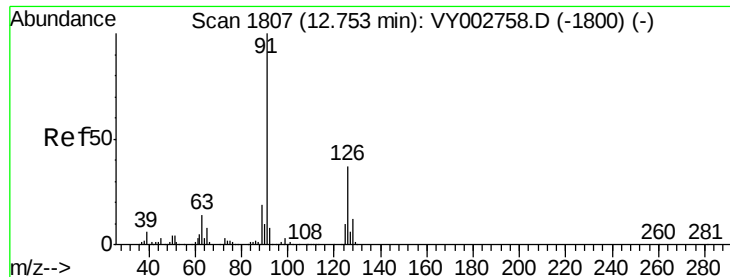
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

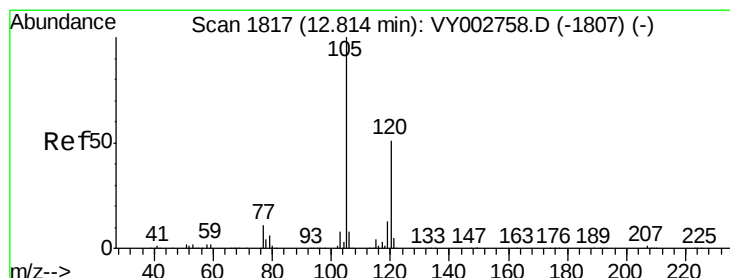
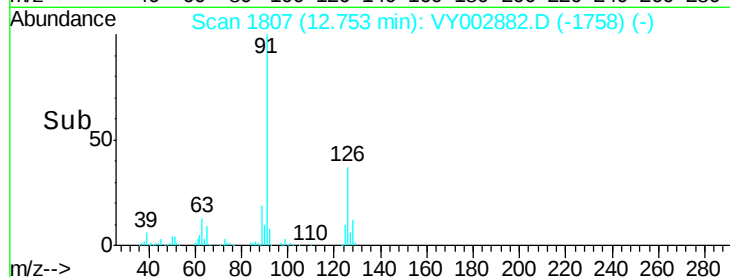
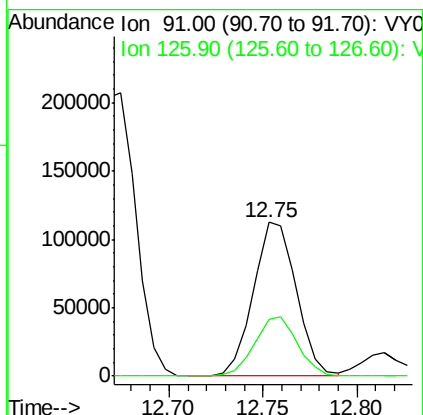
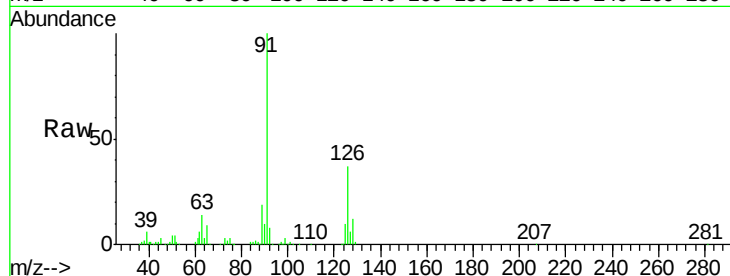




#79
2-Chlorotoluene
Concen: 20.965 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

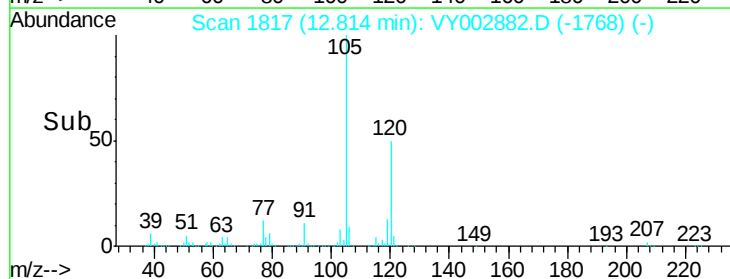
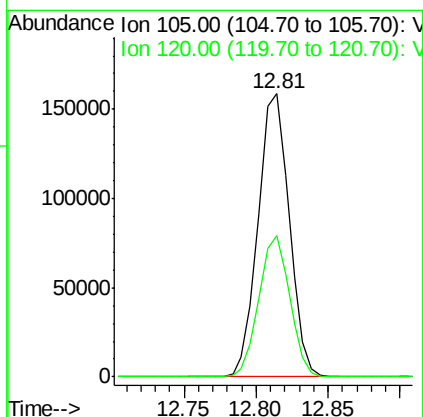
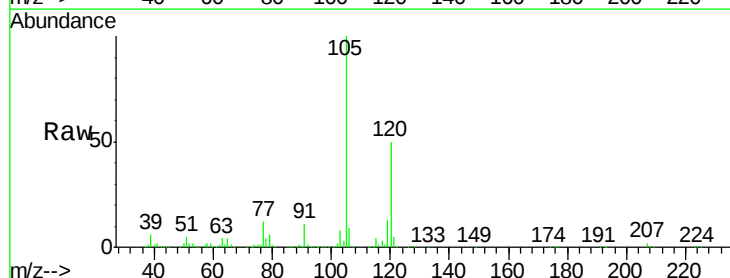
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

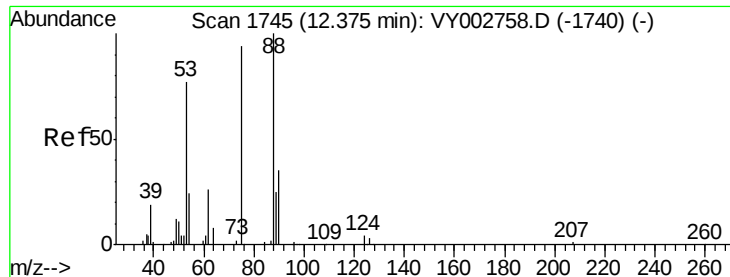
Tot Ion: 91 Resp: 178752
Ion Ratio Lower Upper
91 100
126 38.2 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 21.607 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





#81

trans-1,4-Dichloro-2-butene

Concen: 21.656 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

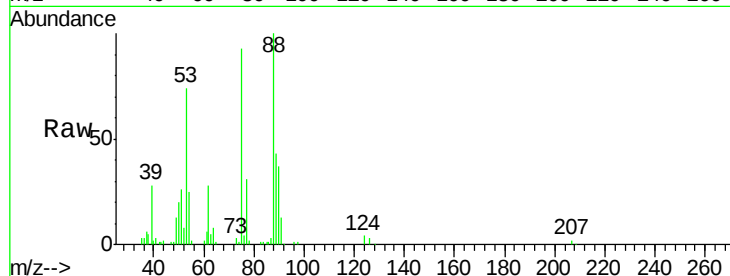
Tot Ion: 75 Resp: 21267

Ion Ratio Lower Upper

75 100

53 79.1 64.0 96.0

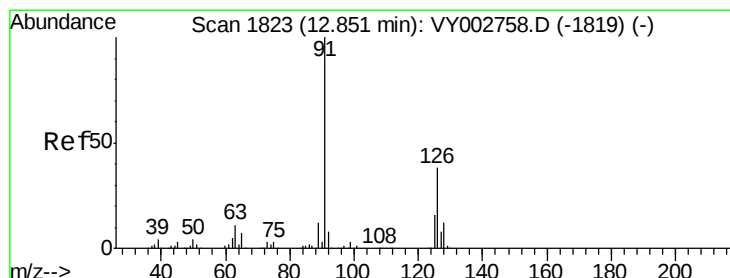
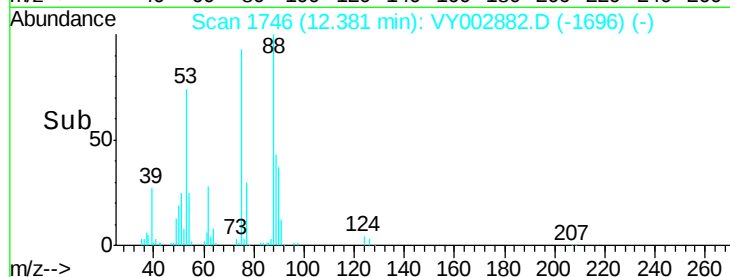
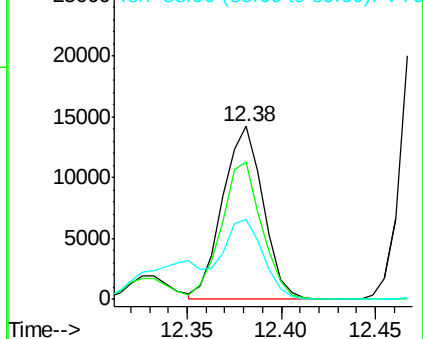
89 47.3 37.4 56.2



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: 21.511 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002882.D

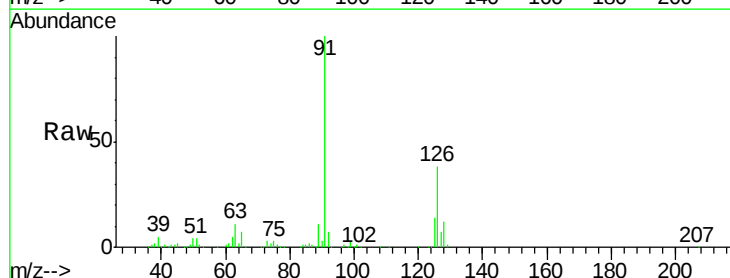
Acq: 11 Jun 2020 11:24

Tgt Ion: 91 Resp: 192159

Ion Ratio Lower Upper

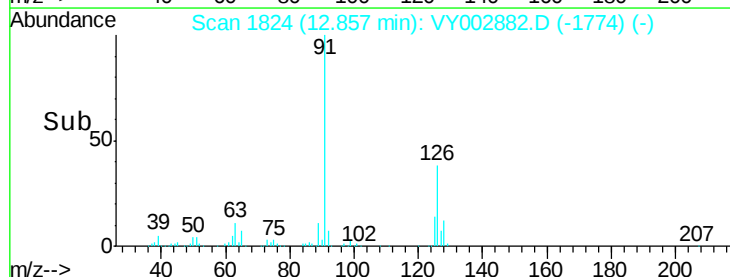
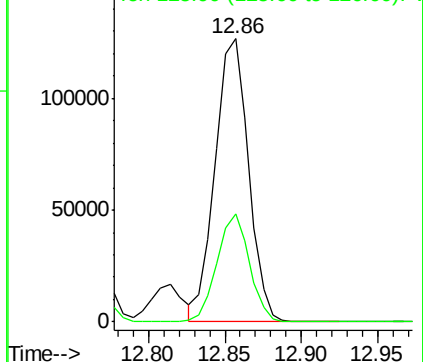
91 100

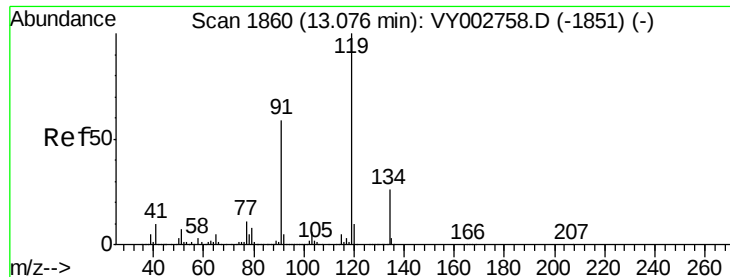
126 36.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.299 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

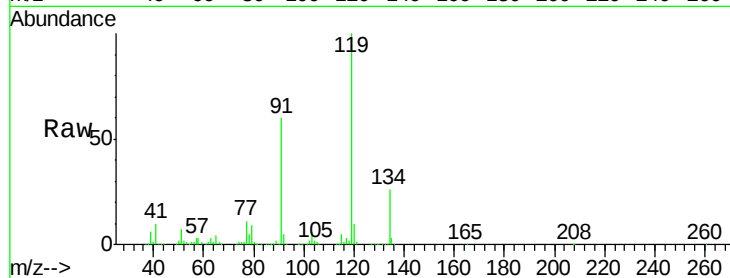
Tot Ion:119 Resp: 208740

Ion Ratio Lower Upper

119 100

91 60.1 29.8 89.4

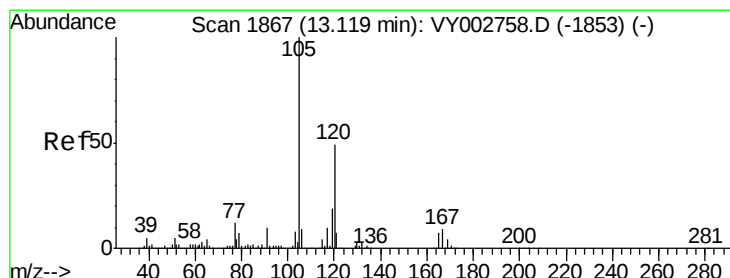
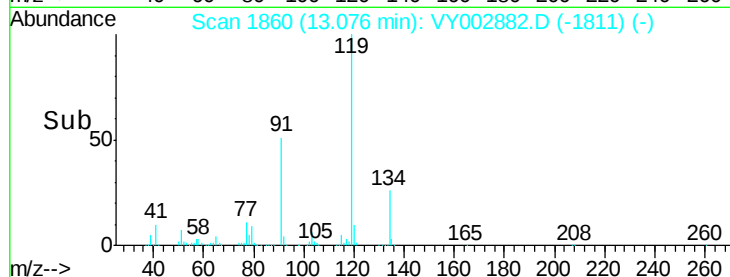
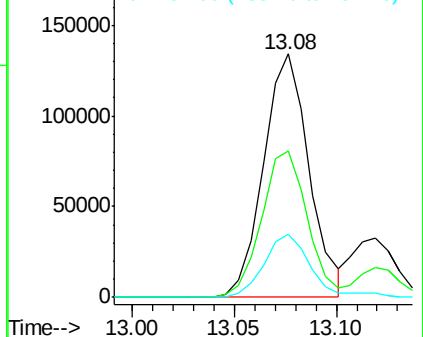
134 26.7 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.502 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002882.D

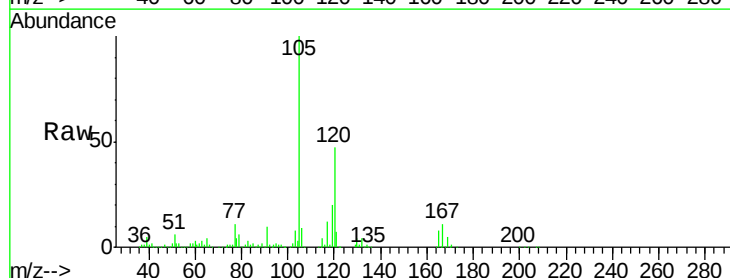
Acq: 11 Jun 2020 11:24

Tgt Ion:105 Resp: 237542

Ion Ratio Lower Upper

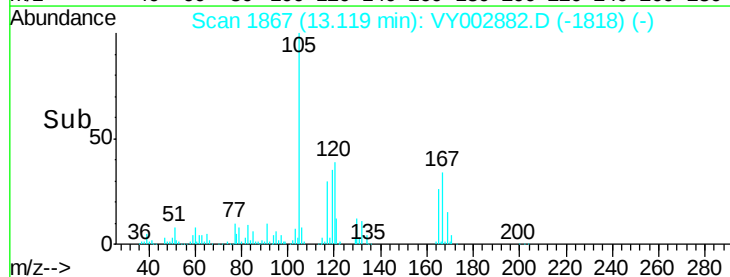
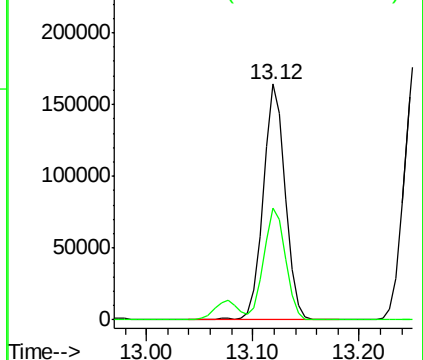
105 100

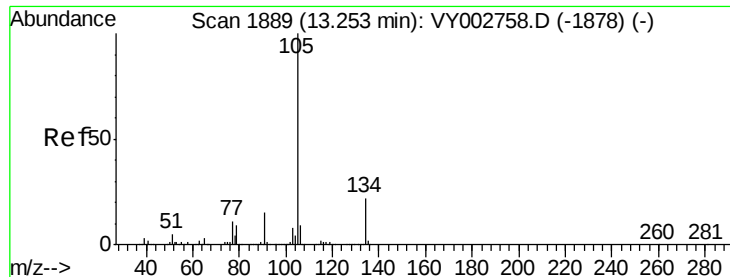
120 47.0 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.562 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 :

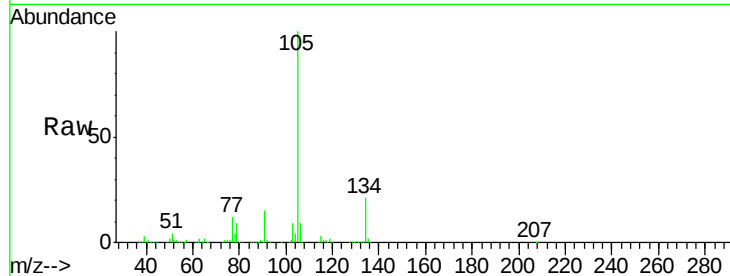
VY0611SBS01

Tot Ion:105 Resp: 288933

Ion Ratio Lower Upper

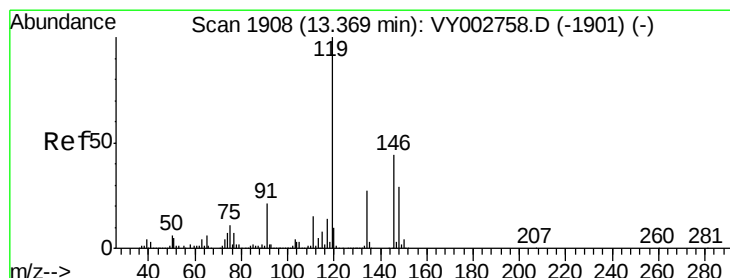
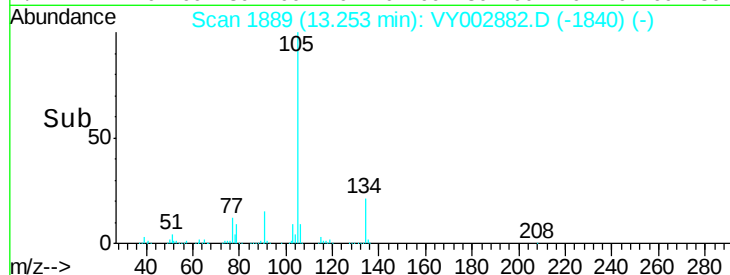
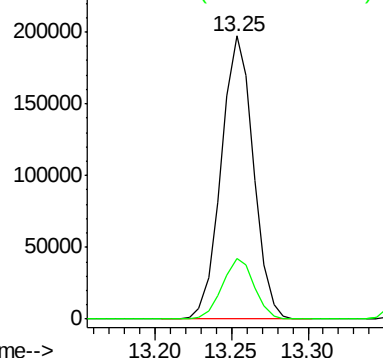
105 100

134 21.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.727 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

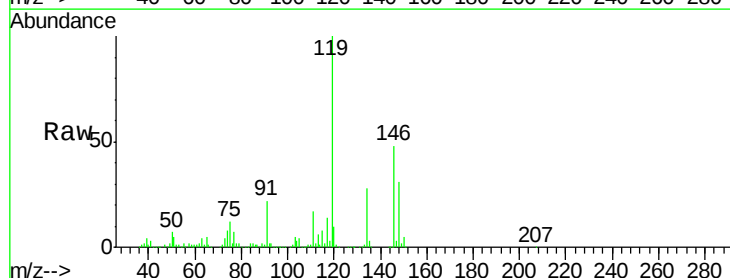
Tgt Ion:119 Resp: 270911

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

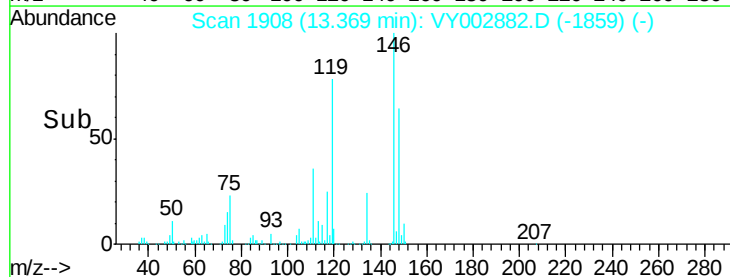
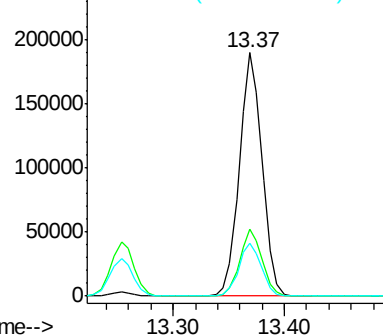
91 21.7 10.8 32.4

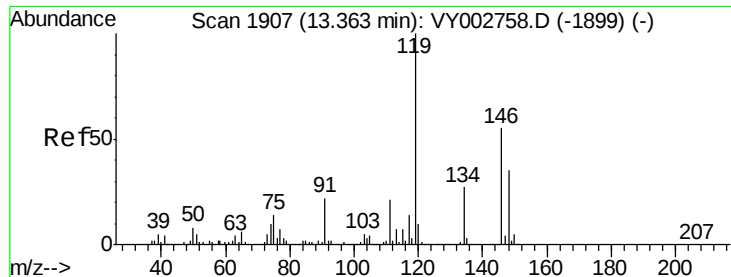


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

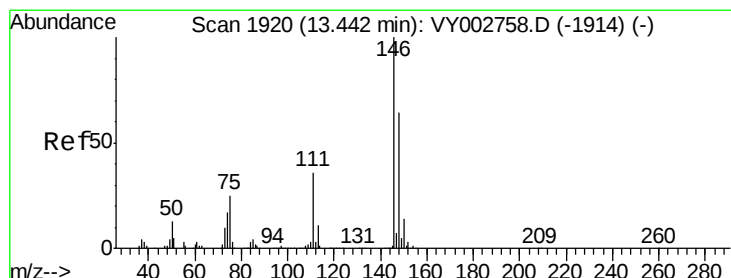
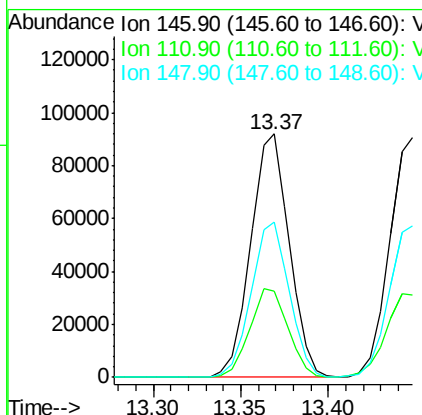
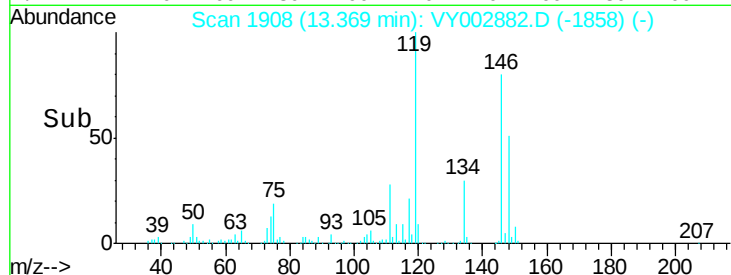
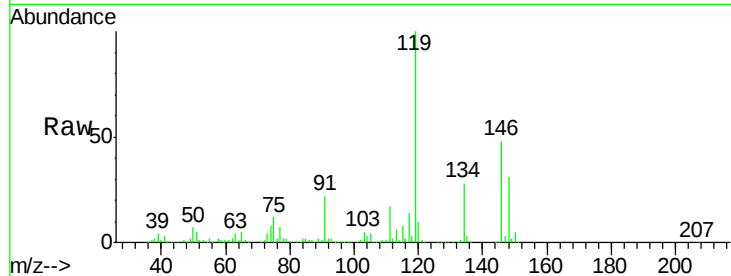




#87
 1,3-Dichlorobenzene
 Concen: 21.613 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

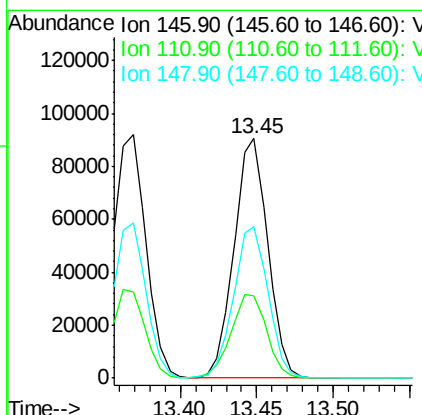
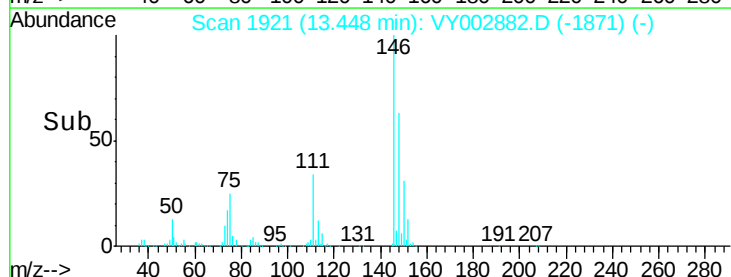
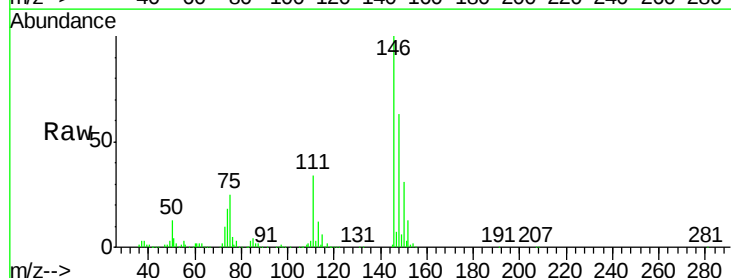
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

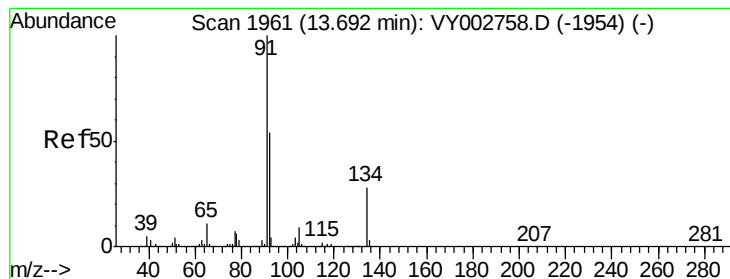
Tot Ion:146 Resp: 140272
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.0
 148 63.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.345 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

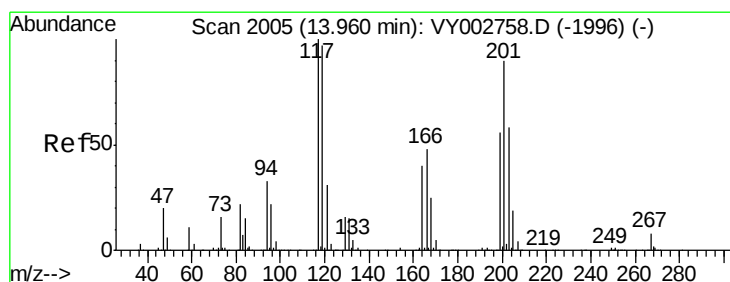
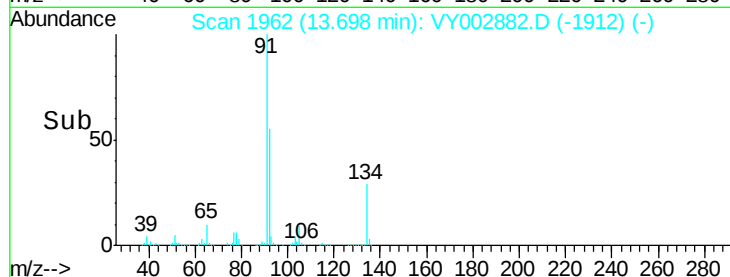
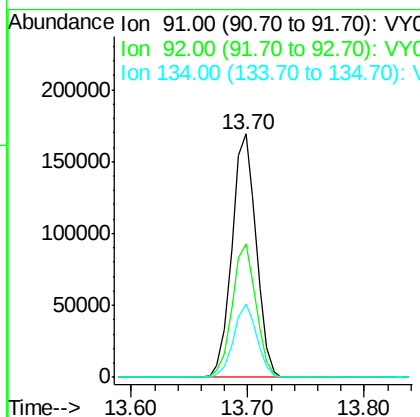
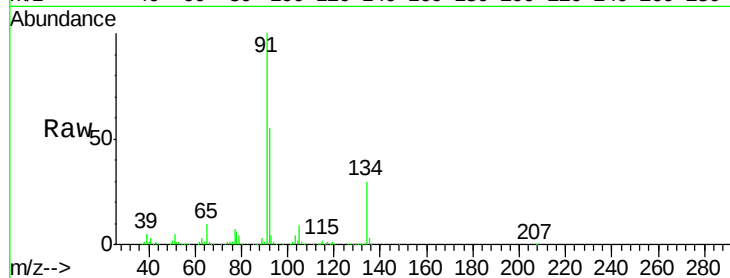




#89
n-Butylbenzene
Concen: 21.626 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

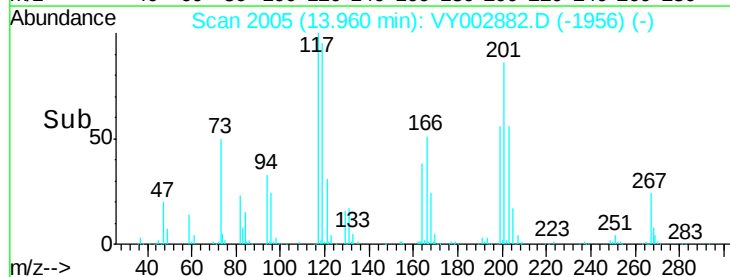
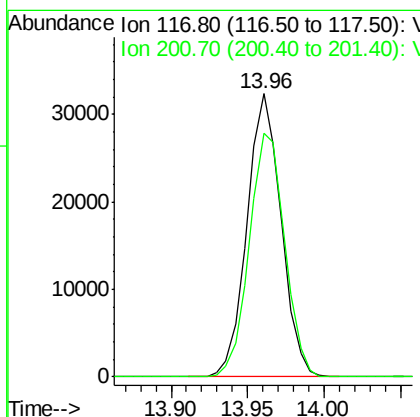
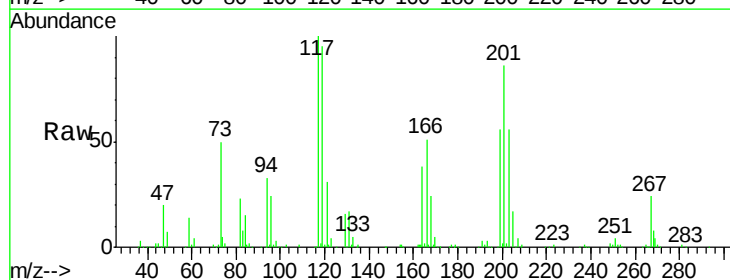
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

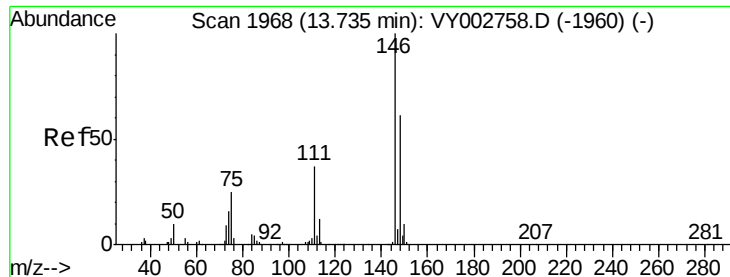
Tot Ion: 91 Resp: 244812
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.2
134 29.0 14.3 42.9



#90
Hexachloroethane
Concen: 21.487 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





#91

1,2-Dichlorobenzene

Concen: 21.431 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

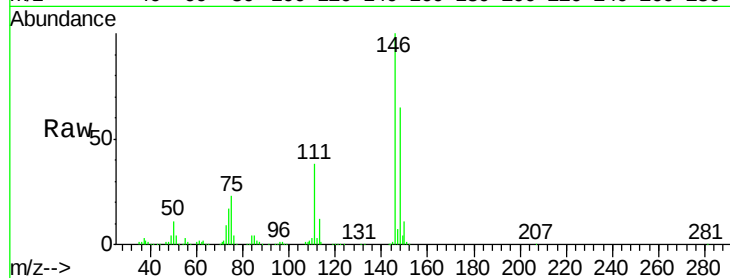
Tot Ion:146 Resp: 126139

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.9

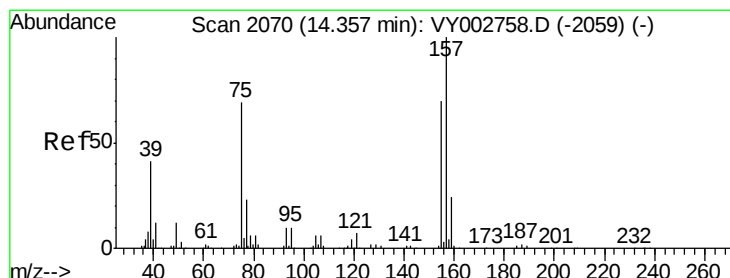
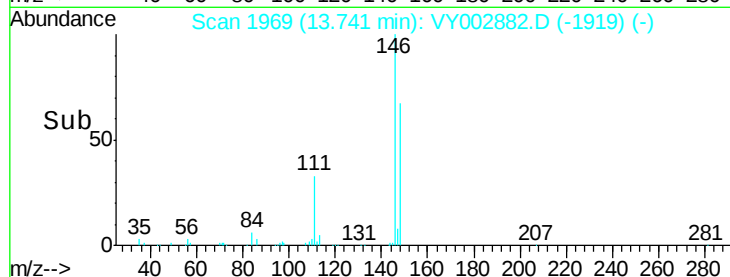
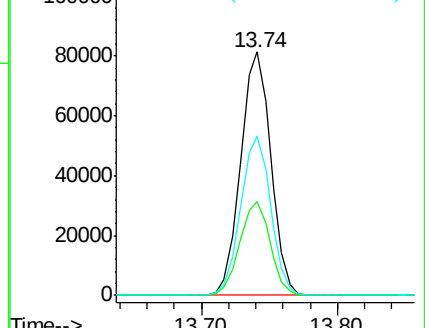
148 65.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.063 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002882.D

Acq: 11 Jun 2020 11:24

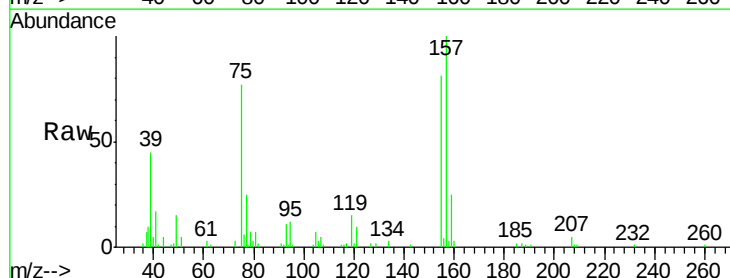
Tgt Ion: 75 Resp: 9800

Ion Ratio Lower Upper

75 100

155 104.5 53.5 160.5

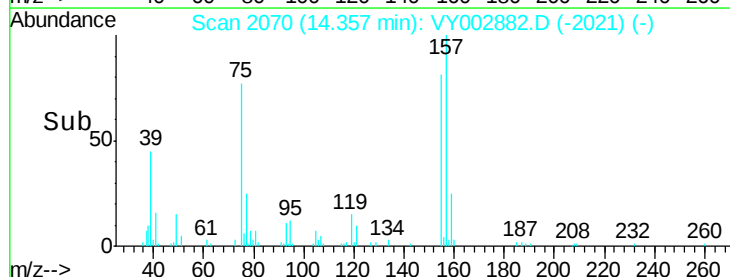
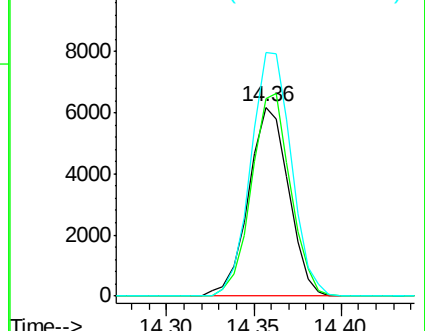
157 130.6 69.9 209.7

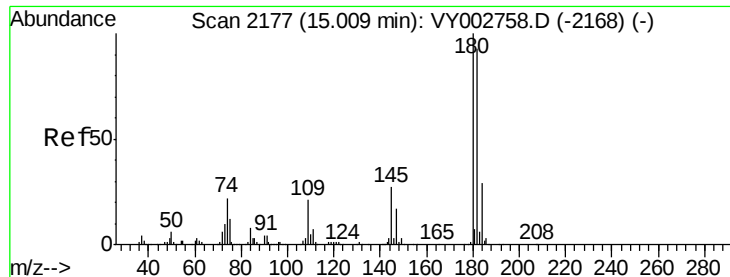


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

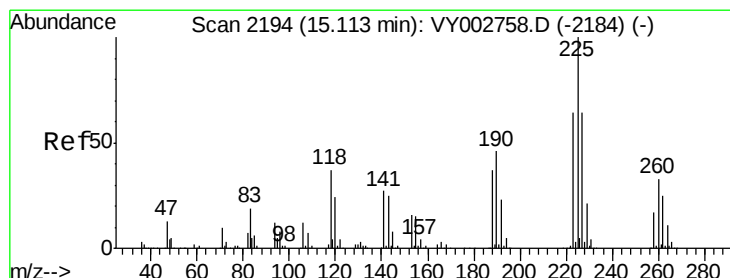
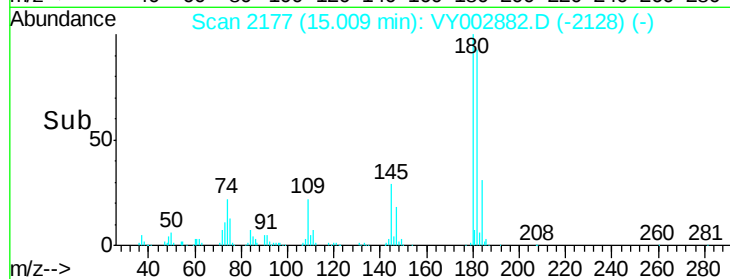
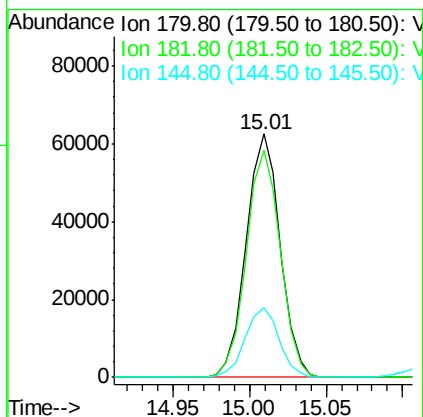
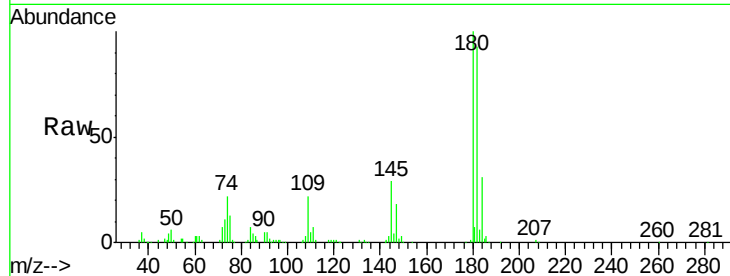




#93
 1,2,4-Trichlorobenzene
 Concen: 21.790 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002882.D
 Acq: 11 Jun 2020 11:24

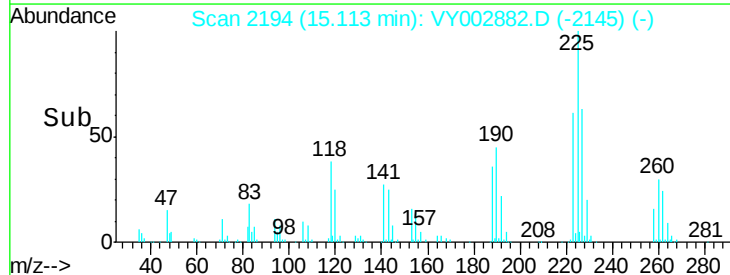
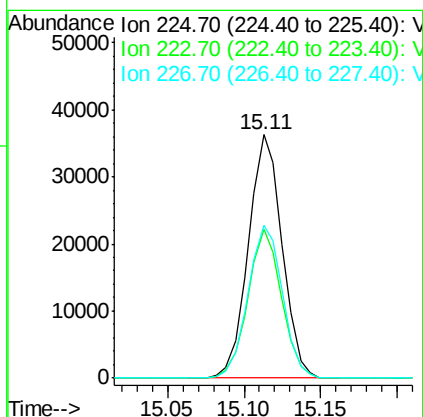
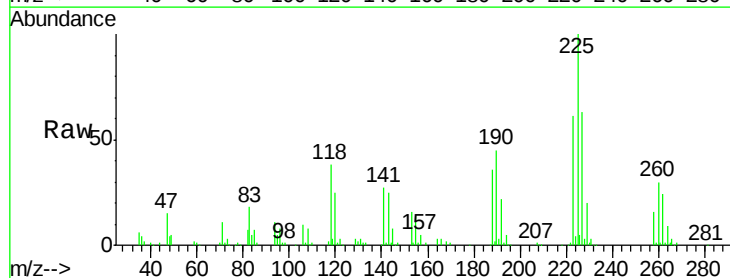
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

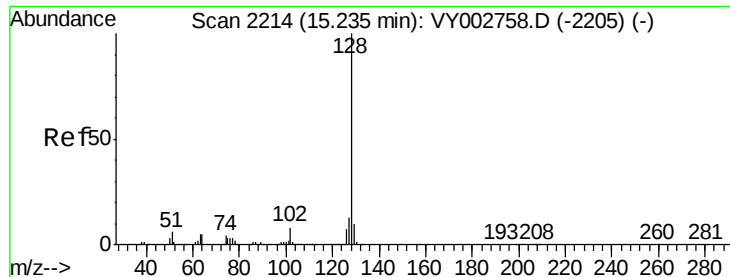
Tot Ion:180 Resp: 96670
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.3 141.9
 145 28.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 22.052 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

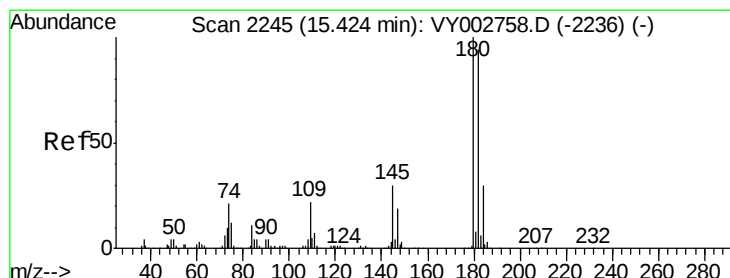
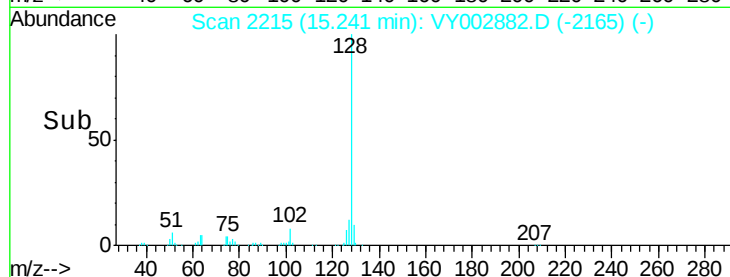
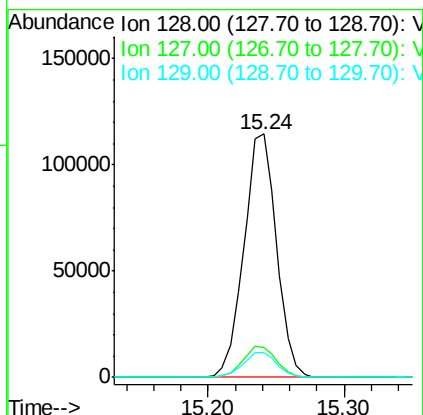
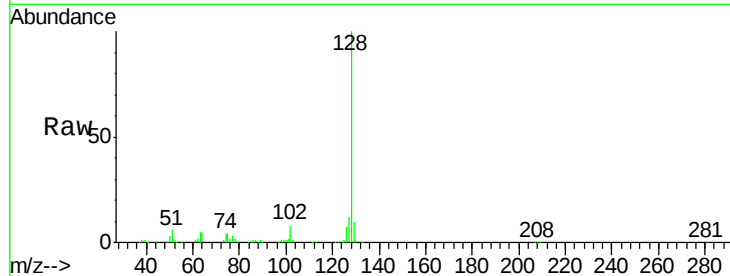




#95
Naphthalene
Concen: 21.556 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002882.D
Acq: 11 Jun 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tot 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: 21.600 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

