

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061020\
 Data File : VY002874.D
 Acq On : 10 Jun 2020 11:20
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Quant Time: Jun 11 02:02:23 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	284338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	420945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211716	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122272	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.72	113	124921	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.18	98	488045	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.48	95	171720	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	41149	21.03	ug/l	100
3) Chloromethane	2.12	50	45560	21.05	ug/l	99
4) Vinyl Chloride	2.26	62	50753	22.19	ug/l	99
5) Bromomethane	2.65	94	35762	20.86	ug/l	99
6) Chloroethane	2.79	64	31094	20.97	ug/l	96
7) Trichlorofluoromethane	3.13	101	86679	21.40	ug/l	98
8) Diethyl Ether	3.54	74	30730	19.43	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	52165	21.69	ug/l	97
10) Methyl Iodide	4.10	142	65437	19.44	ug/l	99
11) Tert butyl alcohol	4.97	59	31199	110.45	ug/l	97
12) 1,1-Dichloroethene	3.88	96	51842	21.43	ug/l	98
13) Acrolein	3.74	56	22963	79.37	ug/l	98
14) Allyl chloride	4.49	41	74116	21.36	ug/l	99
15) Acrylonitrile	5.18	53	77772	108.98	ug/l	100
16) Acetone	3.96	43	63529	109.74	ug/l	97
17) Carbon Disulfide	4.20	76	147770	20.22	ug/l	98
18) Methyl Acetate	4.49	43	36749	24.81	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	141727	21.22	ug/l	100
20) Methylene Chloride	4.72	84	66486	23.50	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	56459	20.75	ug/l	97
22) Diisopropyl ether	6.13	45	156393	21.69	ug/l	98
23) Vinyl Acetate	6.07	43	506754	106.47	ug/l	99
24) 1,1-Dichloroethane	6.03	63	89978	21.34	ug/l	98
25) 2-Butanone	6.99	43	98812	109.55	ug/l	100
26) 2,2-Dichloropropane	6.99	77	87046	21.52	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	64356	21.13	ug/l	99
28) Bromochloromethane	7.34	49	38711	22.36	ug/l	98
29) Tetrahydrofuran	7.35	42	62669	106.82	ug/l	99
30) Chloroform	7.51	83	96148	21.48	ug/l	99
31) Cyclohexane	7.79	56	85255	20.36	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	89034	21.35	ug/l	100
36) 1,1-Dichloropropene	7.93	75	75489	21.29	ug/l	100
37) Ethyl Acetate	7.08	43	43571	22.58	ug/l	99
38) Carbon Tetrachloride	7.90	117	83377	21.17	ug/l	100

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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)
39) Methylcyclohexane	9.19	83	96537	20.65	ug/l	98
40) Benzene	8.16	78	221355	21.13	ug/l	98
41) Methacrylonitrile	7.35	41	57052	55.05	ug/l #	32
42) 1,2-Dichloroethane	8.24	62	61650	21.00	ug/l	100
43) Isopropyl Acetate	8.28	43	79335	21.70	ug/l	99
44) Trichloroethene	8.94	130	68326	20.65	ug/l	96
45) 1,2-Dichloropropane	9.22	63	53912	21.46	ug/l	99
46) Dibromomethane	9.31	93	32051	21.48	ug/l	99
47) Bromodichloromethane	9.50	83	76038	21.61	ug/l	95
48) Methyl methacrylate	9.30	41	34582	20.95	ug/l	99
49) 1,4-Dioxane	9.31	88	9363	408.64	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	216662	111.92	ug/l	98
52) Toluene	10.25	92	145146	21.18	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	82242	21.40	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	93369	21.45	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	49366	21.61	ug/l	96
56) Ethyl methacrylate	10.51	69	65483	21.40	ug/l	99
57) 1,3-Dichloropropane	10.79	76	81548	21.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	160864	107.59	ug/l	100
59) 2-Hexanone	10.83	43	147406	107.31	ug/l	99
60) Dibromochloromethane	10.99	129	62016	21.41	ug/l	100
61) 1,2-Dibromoethane	11.09	107	47715	21.17	ug/l	99
64) Tetrachloroethene	10.72	164	71830	20.28	ug/l	98
65) Chlorobenzene	11.52	112	163616	21.24	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	63011	21.72	ug/l	99
67) Ethyl Benzene	11.60	91	281969	21.11	ug/l	99
68) m/p-Xylenes	11.70	106	221536	42.78	ug/l	99
69) o-Xylene	12.03	106	104087	21.29	ug/l	100
70) Styrene	12.05	104	180747	21.33	ug/l	99
71) Bromoform	12.21	173	42625	21.96	ug/l #	100
73) Isopropylbenzene	12.33	105	286805	21.14	ug/l	100
74) N-amyl acetate	12.14	43	73342	21.07	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53854	22.62	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	76813	40.26	ug/l #	100
77) Bromobenzene	12.61	156	74575	21.11	ug/l	99
78) n-propylbenzene	12.67	91	333043	21.25	ug/l	99
79) 2-Chlorotoluene	12.75	91	185057	21.05	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	241734	21.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	21538	21.27	ug/l #	80
82) 4-Chlorotoluene	12.86	91	196871	21.37	ug/l	99
83) tert-Butylbenzene	13.08	119	212886	21.07	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	241370	21.19	ug/l	100
85) sec-Butylbenzene	13.25	105	293884	21.27	ug/l	99
86) p-Isopropyltoluene	13.37	119	274883	21.38	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	140590	21.01	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	142247	21.25	ug/l	100
89) n-Butylbenzene	13.70	91	248199	21.26	ug/l	99
90) Hexachloroethane	13.96	117	51315	21.32	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	128690	21.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9941	21.71	ug/l	97

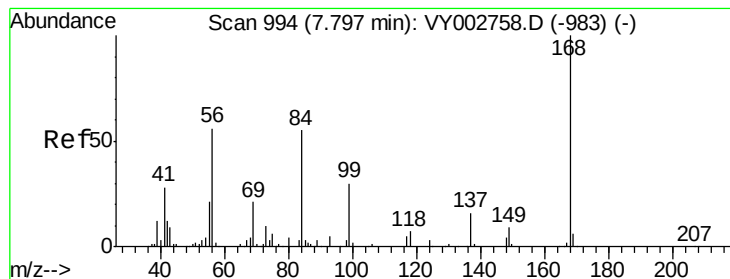
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061020\
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	96262	21.04	ug/l	99
94) Hexachlorobutadiene	15.11	225	57153	22.03	ug/l	97
95) Naphthalene	15.24	128	190479	20.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	86368	21.14	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

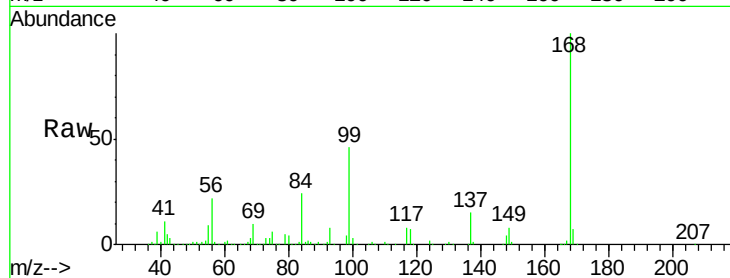
VY0610SBS01

Tgt Ion:168 Resp: 284338

Ion Ratio Lower Upper

168 100

99 46.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002874.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002874.D (-945) (-)

7.80

150000

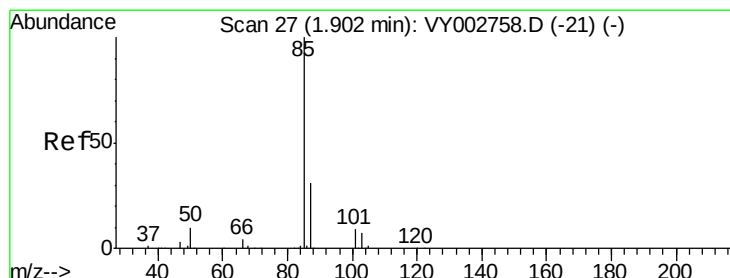
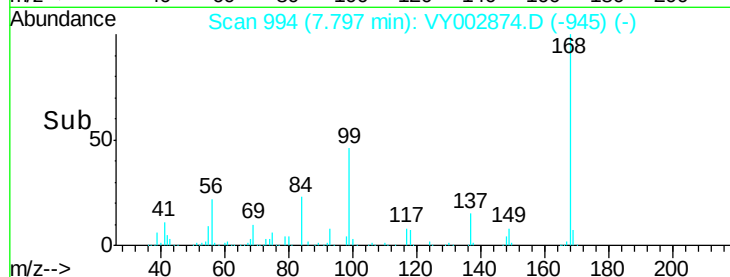
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.03 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002874.D

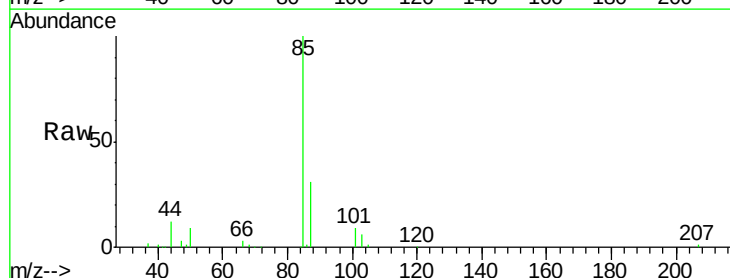
Acq: 10 Jun 2020 11:20

Tgt Ion: 85 Resp: 41149

Ion Ratio Lower Upper

85 100

87 31.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002874.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002874.D (-1) (-)

1.91

30000

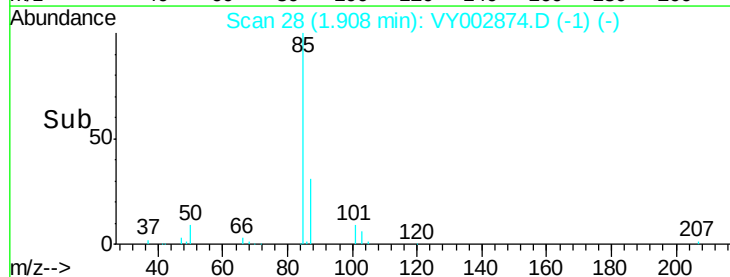
20000

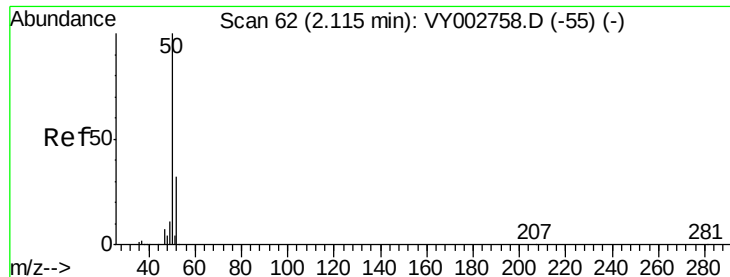
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.05 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

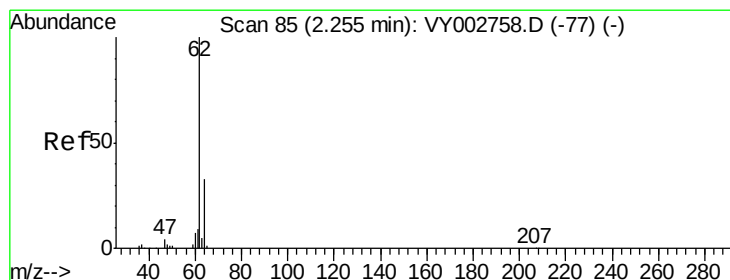
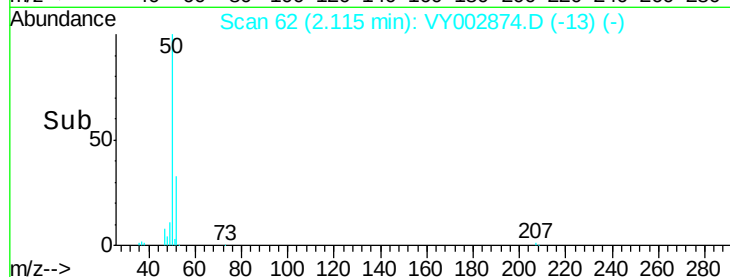
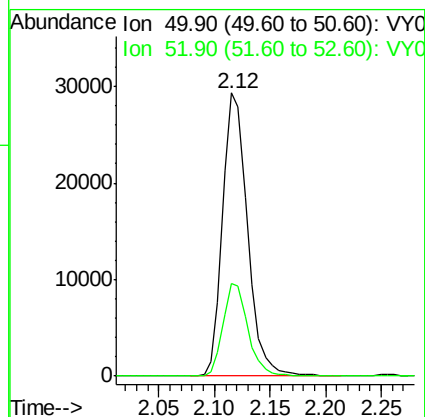
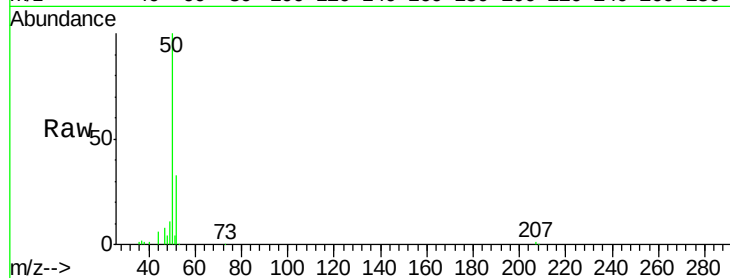
VY0610SBS01

Tgt Ion: 50 Resp: 45560

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 22.19 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002874.D

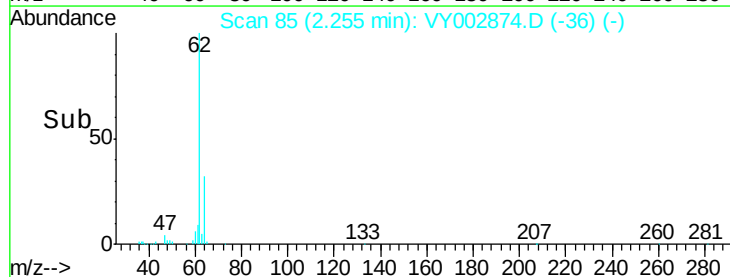
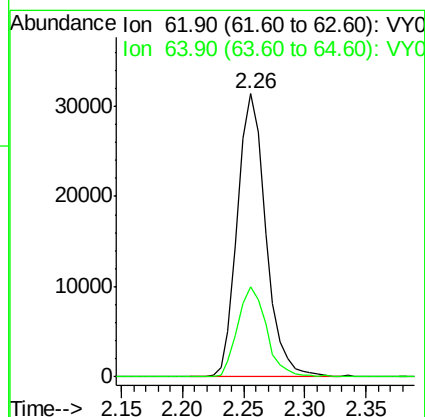
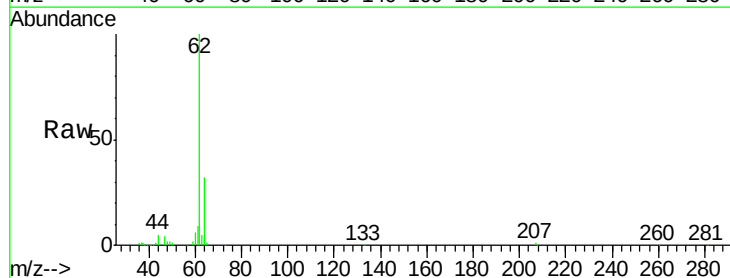
Acq: 10 Jun 2020 11:20

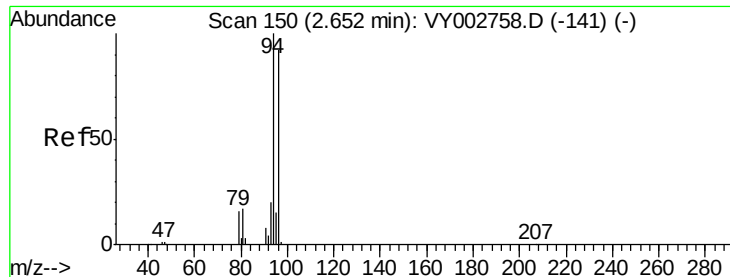
Tgt Ion: 62 Resp: 50753

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1





#5

Bromomethane

Concen: 20.86 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

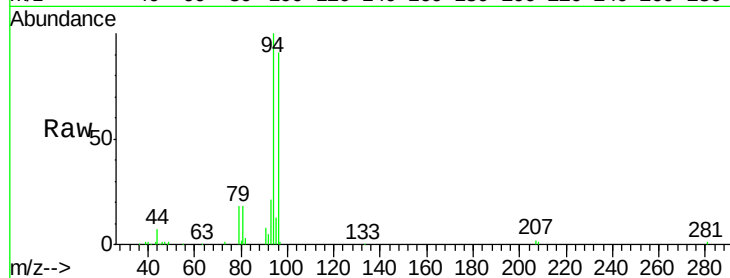
VY0610SBS01

Tgt Ion: 94 Resp: 35762

Ion Ratio Lower Upper

94 100

96 90.9 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

20000

15000

10000

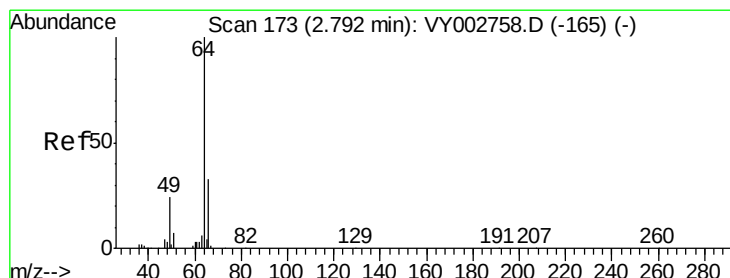
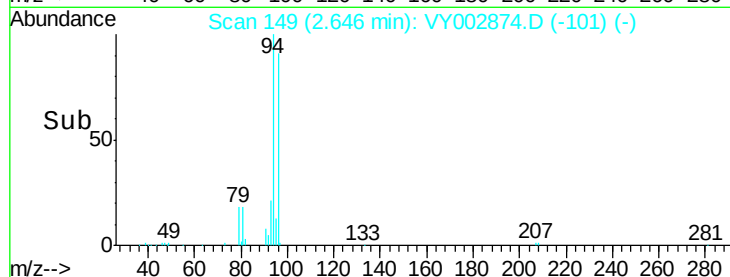
5000

0

Time-->

2.60

2.70



#6

Chloroethane

Concen: 20.97 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002874.D

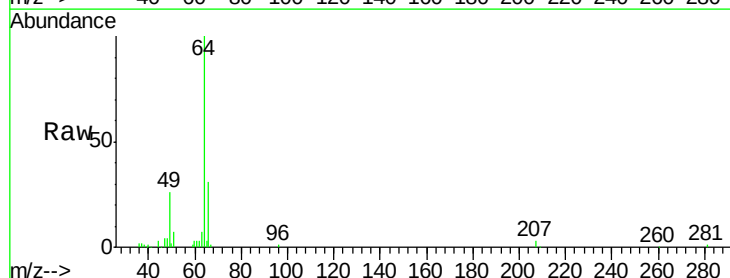
Acq: 10 Jun 2020 11:20

Tgt Ion: 64 Resp: 31094

Ion Ratio Lower Upper

64 100

66 30.5 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

15000

10000

5000

0

Time-->

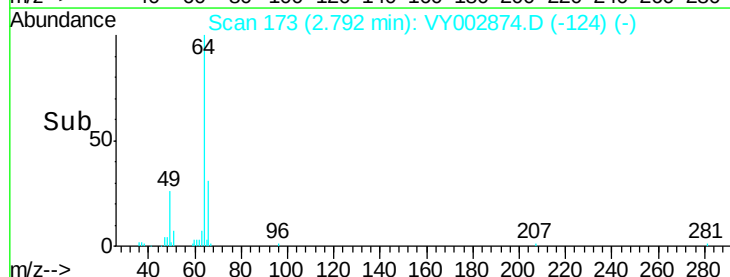
2.70

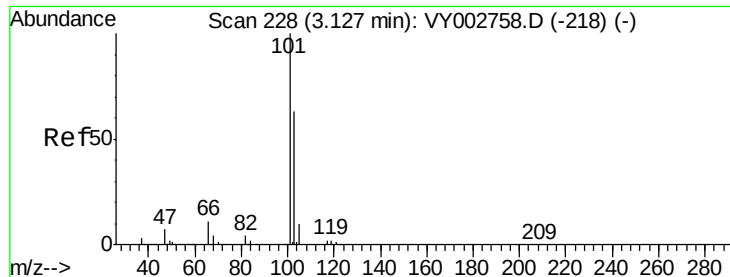
2.75

2.80

2.85

2.90



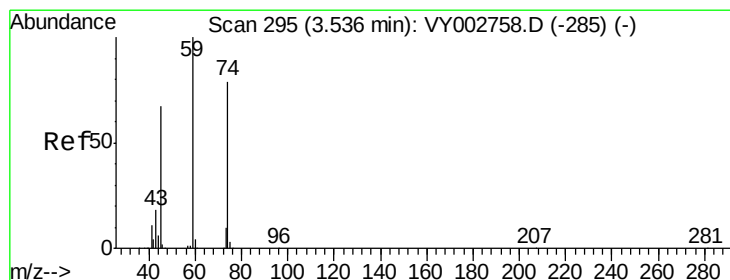
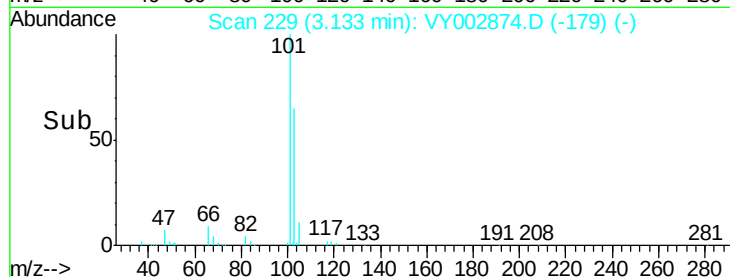
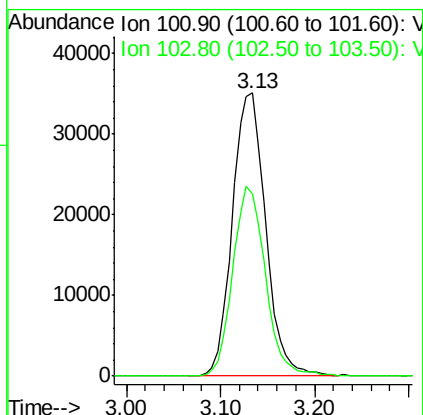
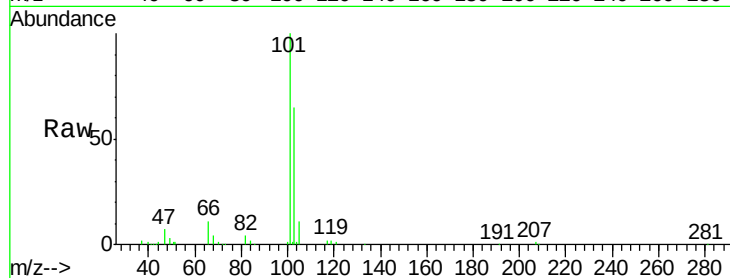


#7

Trichlorofluoromethane
 Concen: 21.40 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

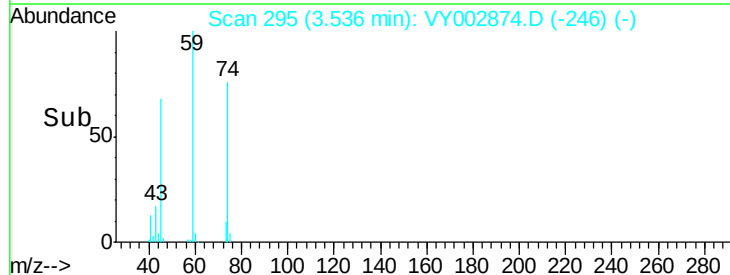
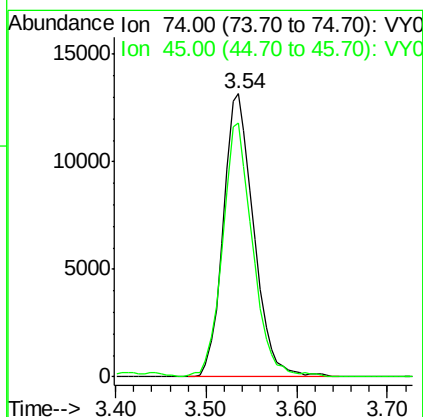
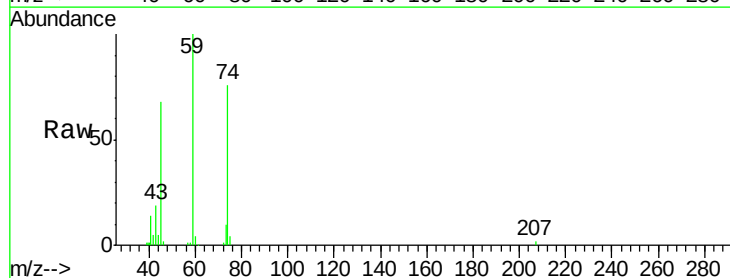
Tgt Ion:101 Resp: 86679
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.6 76.0

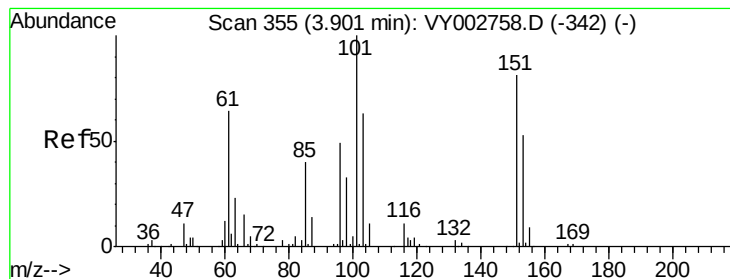


#8

Diethyl Ether
 Concen: 19.43 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion: 74 Resp: 30730
 Ion Ratio Lower Upper
 74 100
 45 88.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.69 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

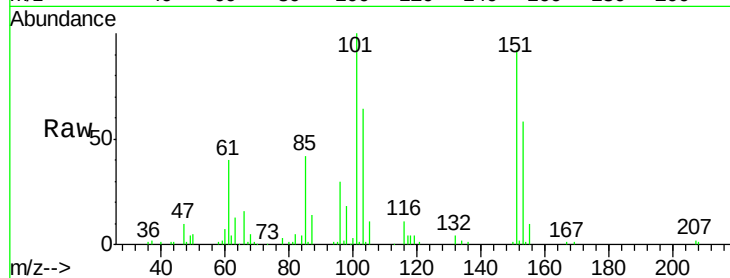
Tgt Ion:101 Resp: 52165

Ion Ratio Lower Upper

101 100

85 42.0 32.7 49.1

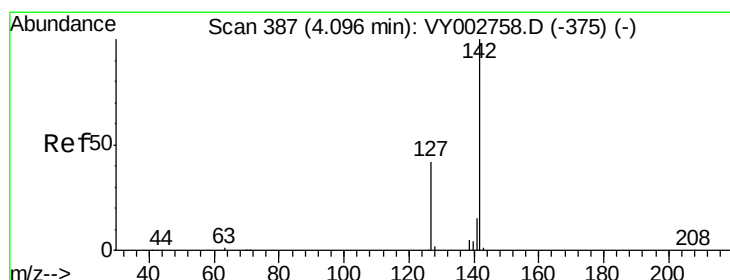
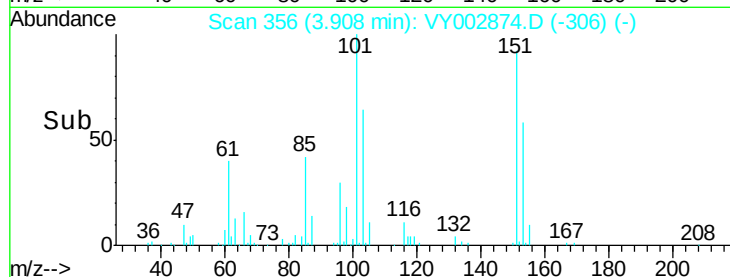
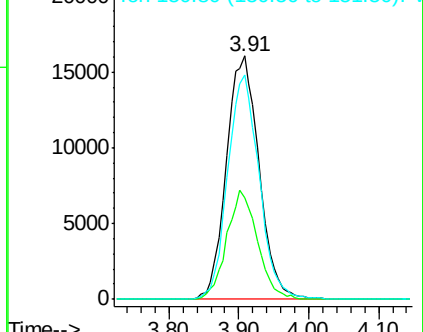
151 88.8 68.0 102.0



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: 19.44 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

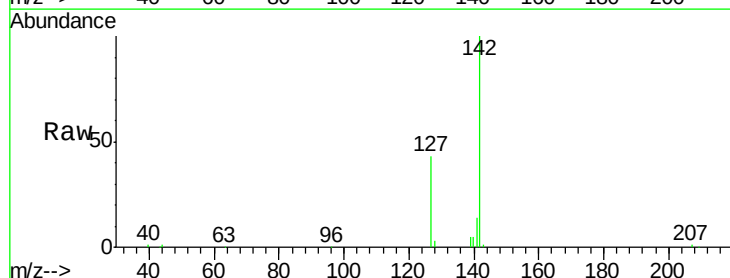
Tgt Ion:142 Resp: 65437

Ion Ratio Lower Upper

142 100

127 42.0 33.3 49.9

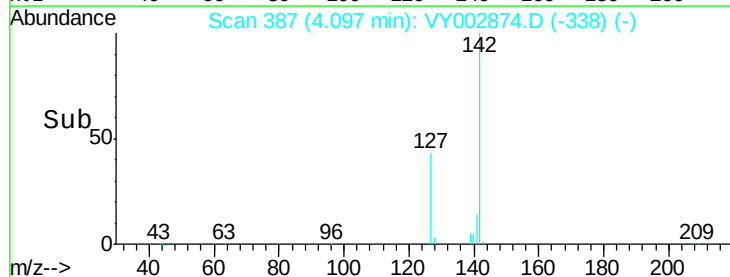
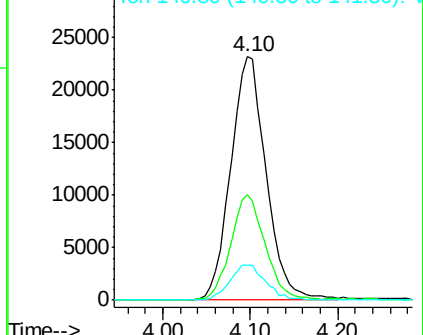
141 14.5 11.5 17.3

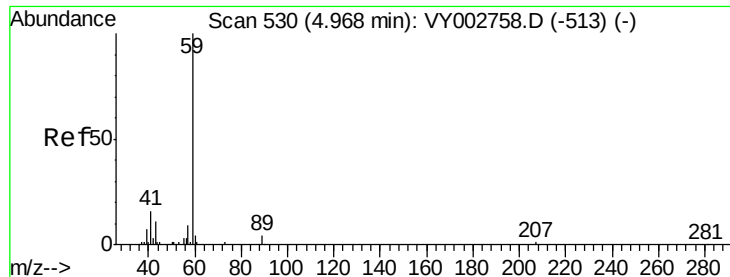


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

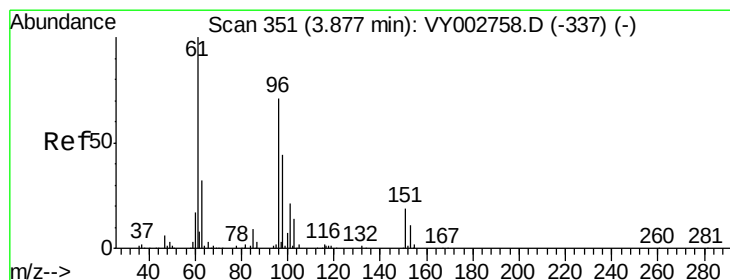
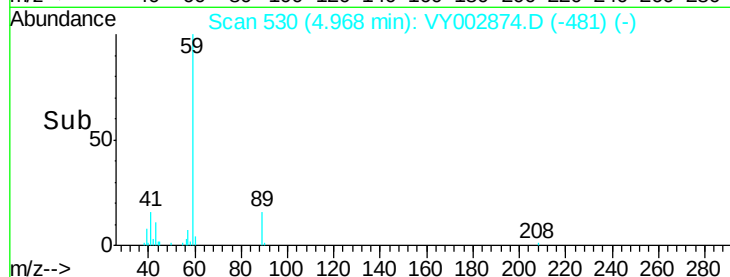
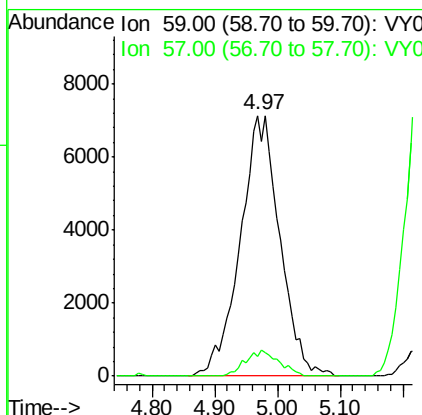
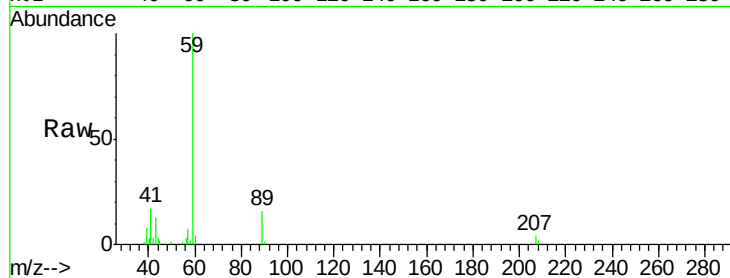




#11
Tert butyl alcohol
Concen: 110.45 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

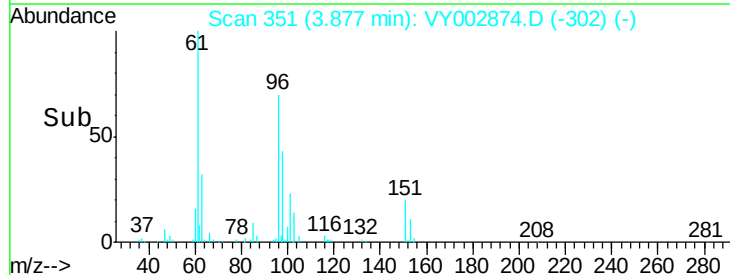
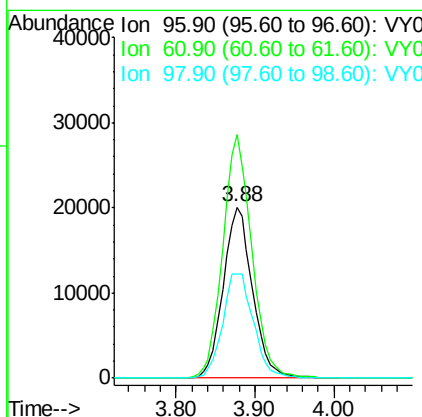
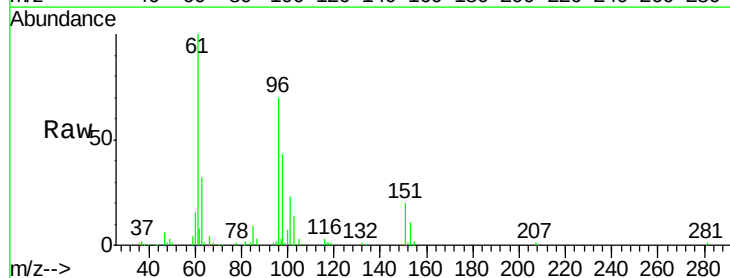
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

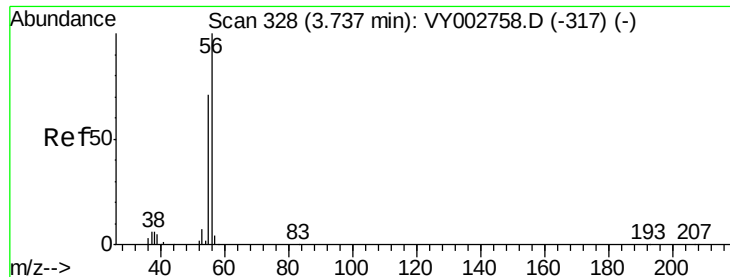
Tgt Ion: 59 Resp: 31199
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.43 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion: 96 Resp: 51842
Ion Ratio Lower Upper
96 100
61 142.7 112.6 168.8
98 60.9 50.0 75.0





#13

Acrolein

Concen: 79.37 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

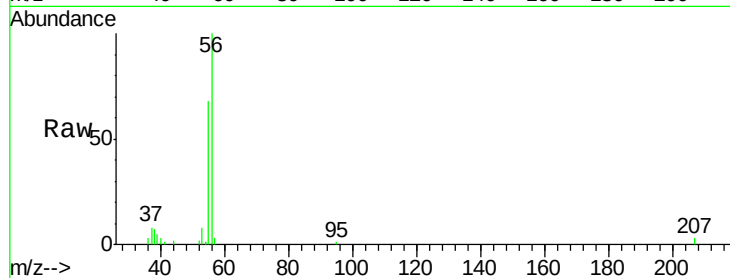
VY0610SBS01

Tgt Ion: 56 Resp: 22963

Ion Ratio Lower Upper

56 100

55 72.0 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

10000

8000

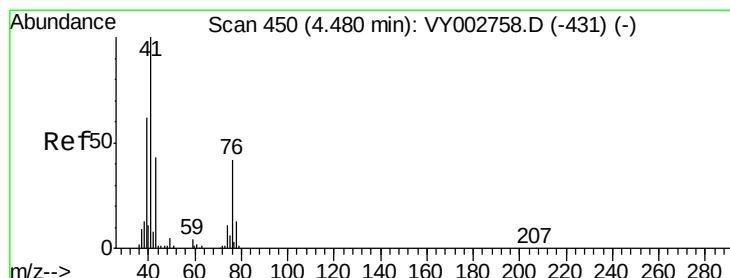
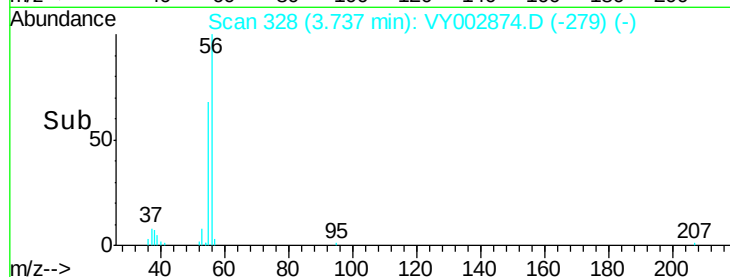
6000

4000

2000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 21.36 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

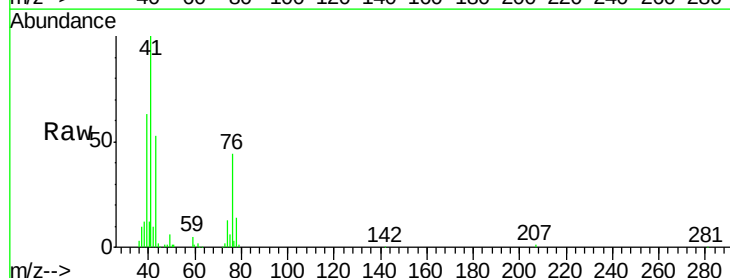
Tgt Ion: 41 Resp: 74116

Ion Ratio Lower Upper

41 100

39 63.4 49.9 74.9

76 41.2 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

30000

25000

20000

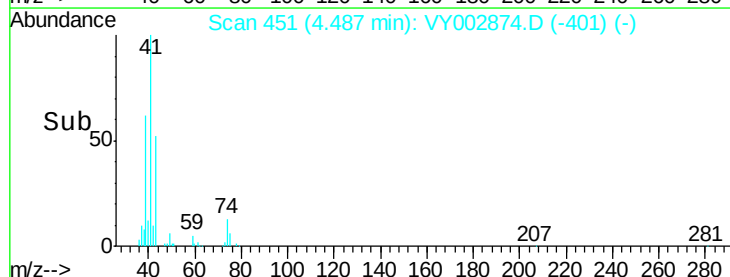
15000

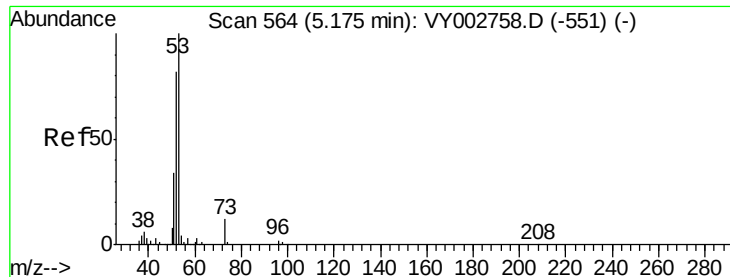
10000

5000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 108.98 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

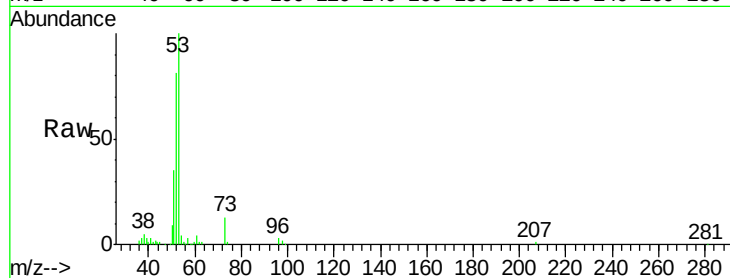
Tgt Ion: 53 Resp: 77772

Ion Ratio Lower Upper

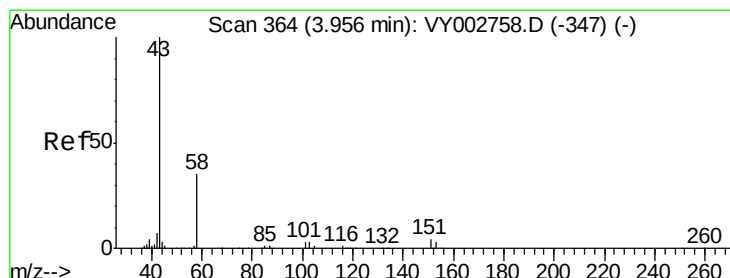
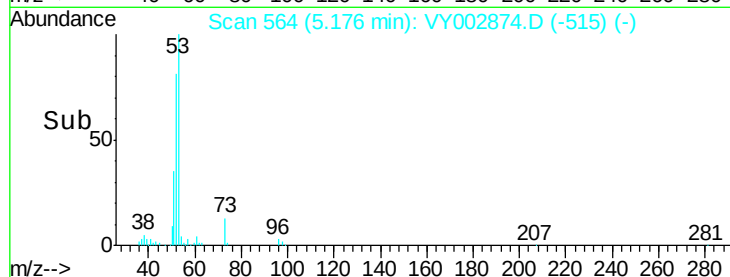
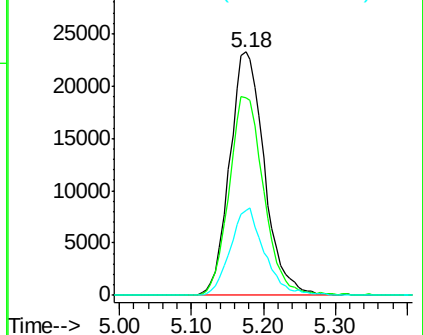
53 100

52 81.7 65.3 97.9

51 35.3 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: 109.74 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002874.D

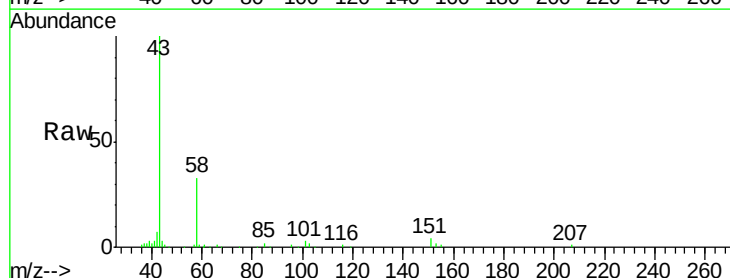
Acq: 10 Jun 2020 11:20

Tgt Ion: 43 Resp: 63529

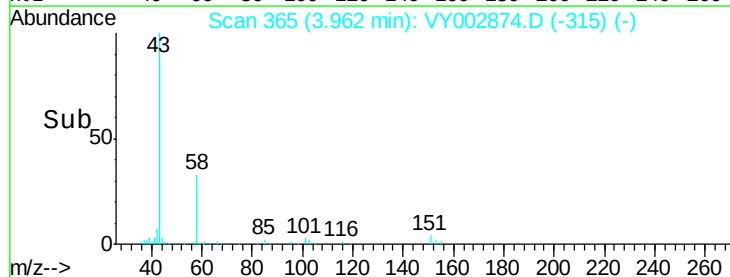
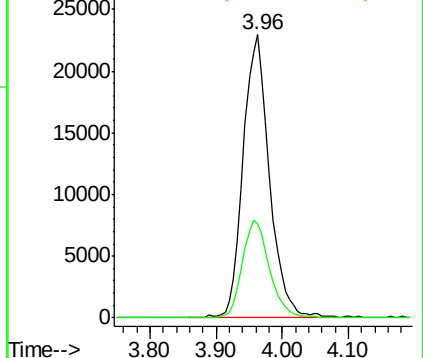
Ion Ratio Lower Upper

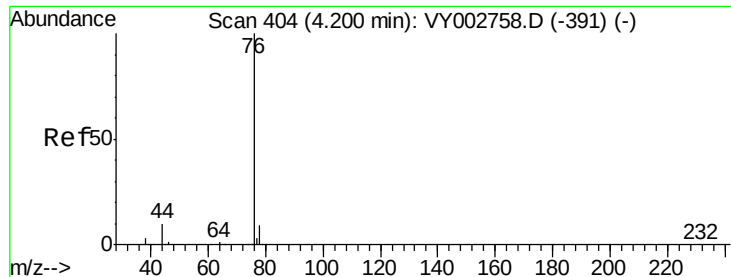
43 100

58 33.1 27.7 41.5



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





#17

Carbon Disulfide

Concen: 20.22 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

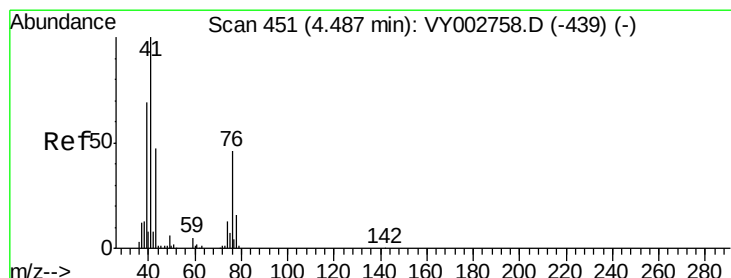
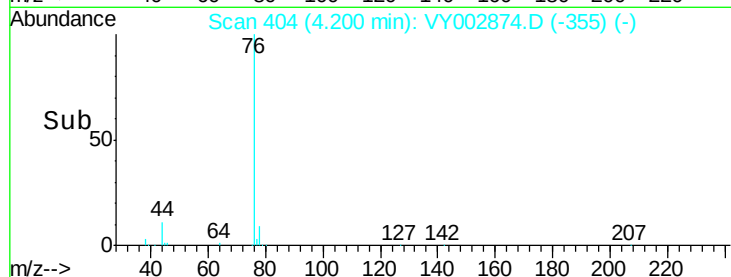
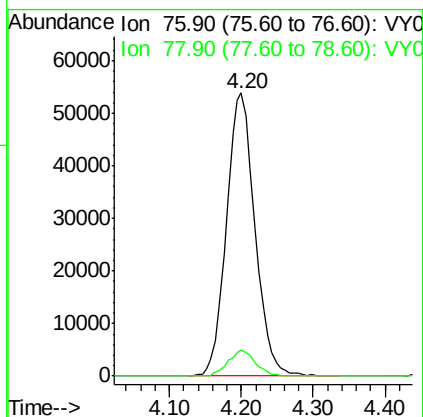
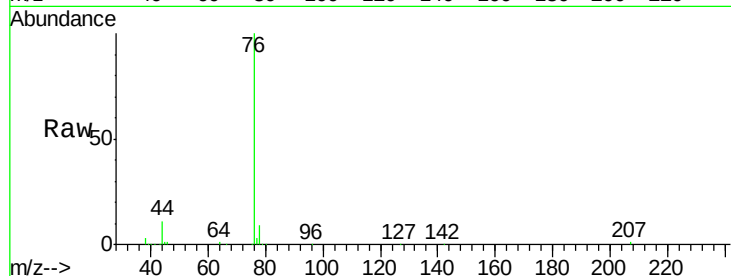
VY0610SBS01

Tgt Ion: 76 Resp: 147770

Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3



#18

Methyl Acetate

Concen: 24.81 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002874.D

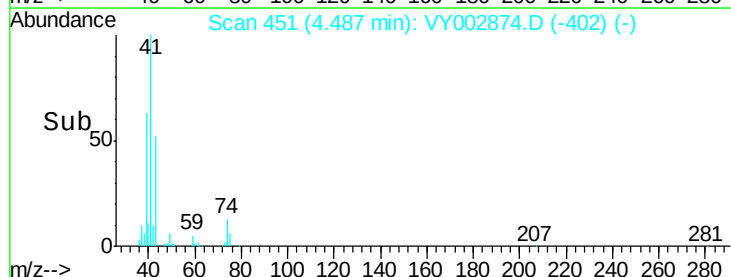
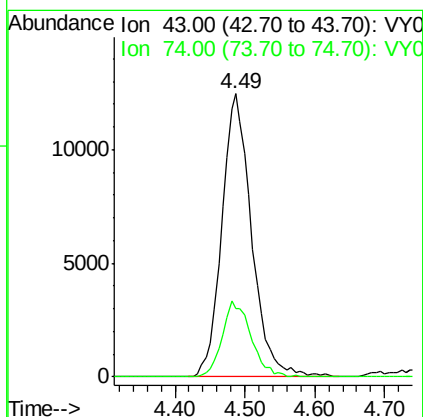
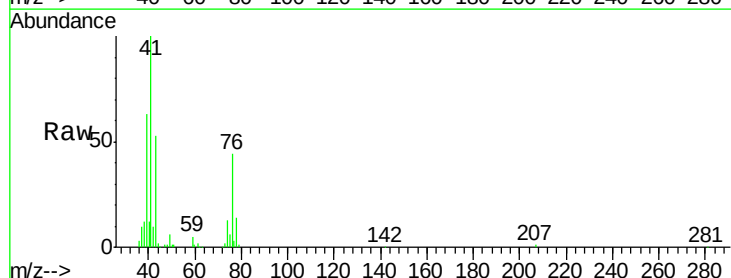
Acq: 10 Jun 2020 11:20

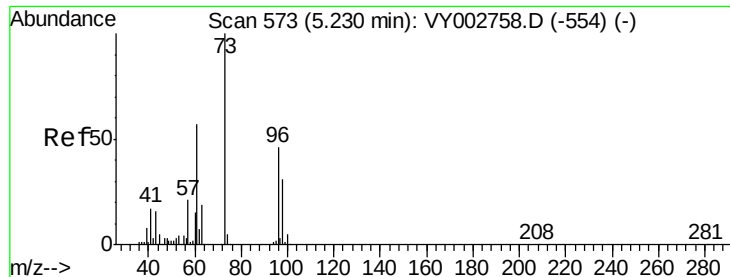
Tgt Ion: 43 Resp: 36749

Ion Ratio Lower Upper

43 100

74 25.8 21.4 32.0

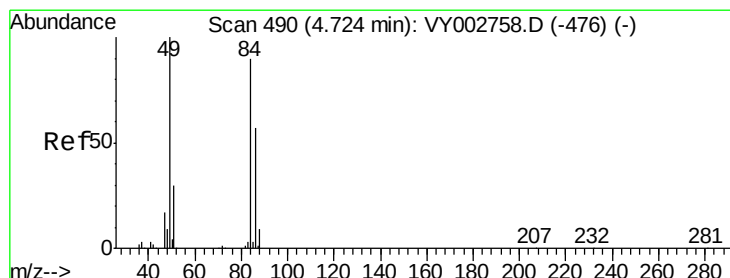
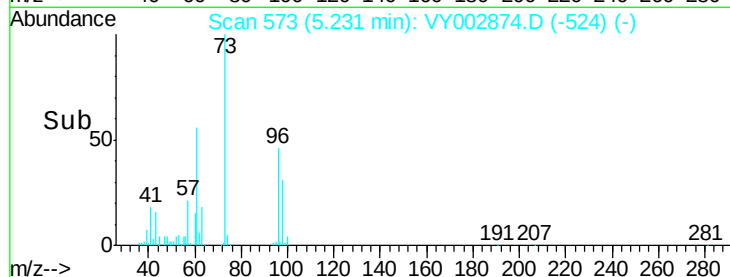
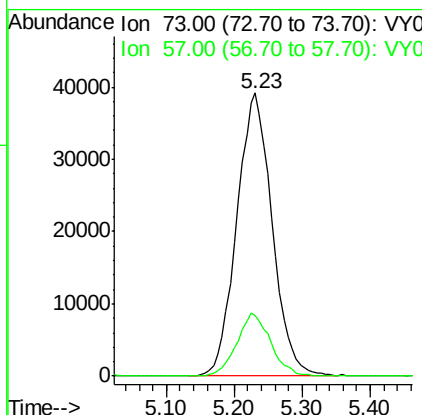
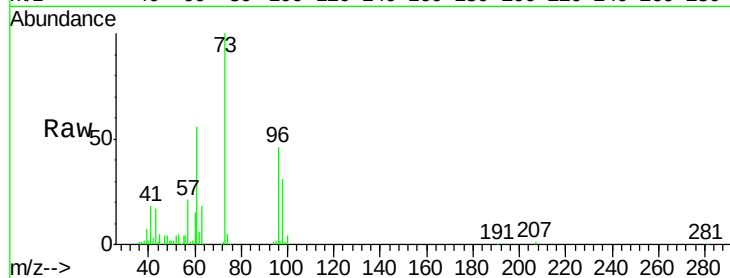




#19
Methyl tert-butyl Ether
Concen: 21.22 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

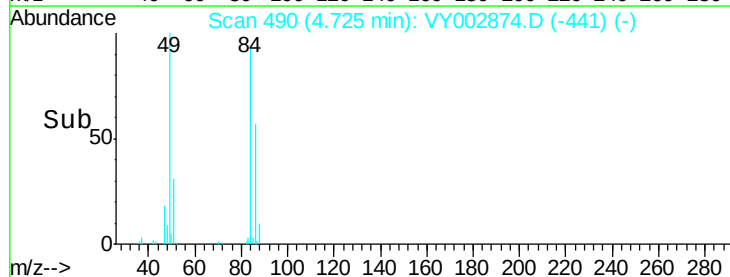
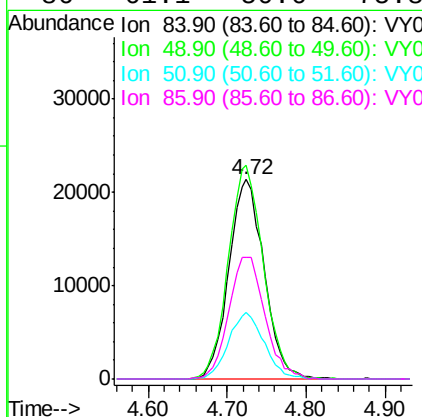
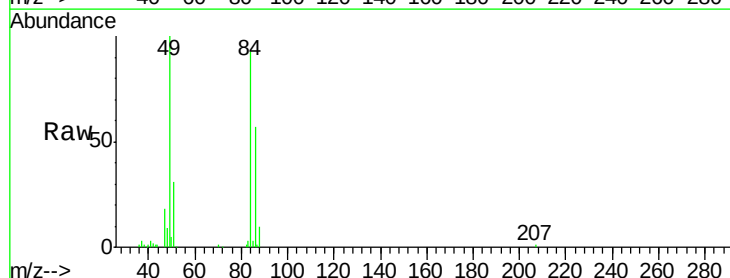
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

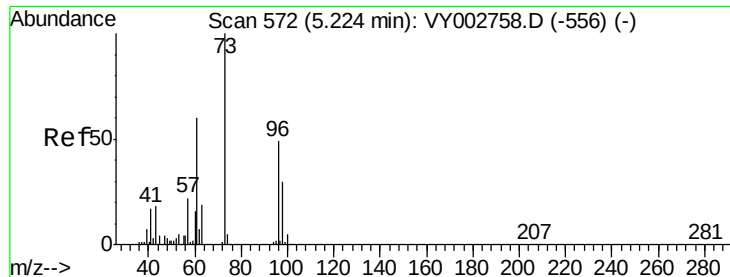
Tgt Ion: 73 Resp: 141727
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4



#20
Methylene Chloride
Concen: 23.50 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion: 84 Resp: 66486
Ion Ratio Lower Upper
84 100
49 107.1 88.5 132.7
51 33.3 26.8 40.2
86 61.1 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.75 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

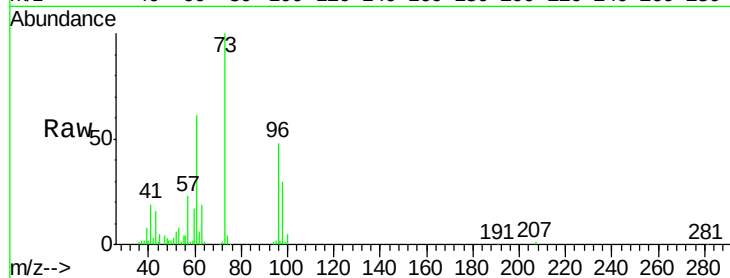
Tgt Ion: 96 Resp: 56459

Ion Ratio Lower Upper

96 100

61 125.8 96.8 145.2

98 62.5 49.4 74.0

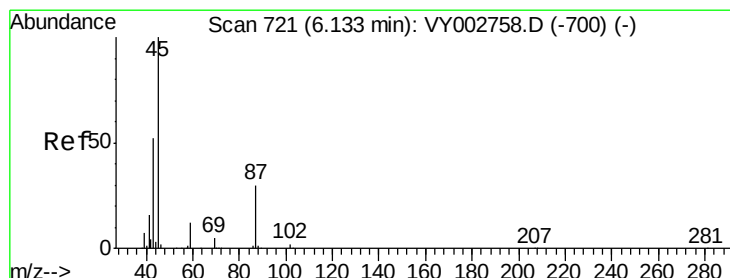
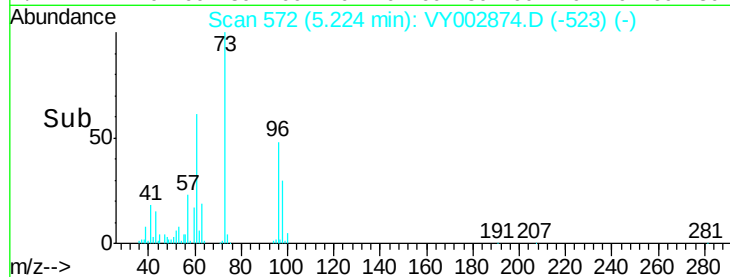
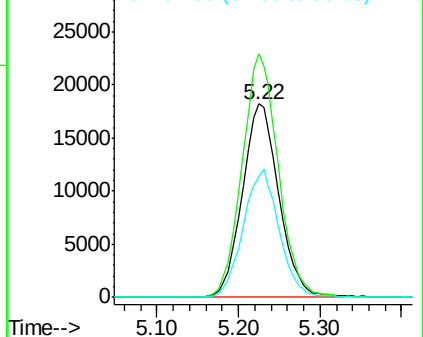


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.69 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Tgt Ion: 45 Resp: 156393

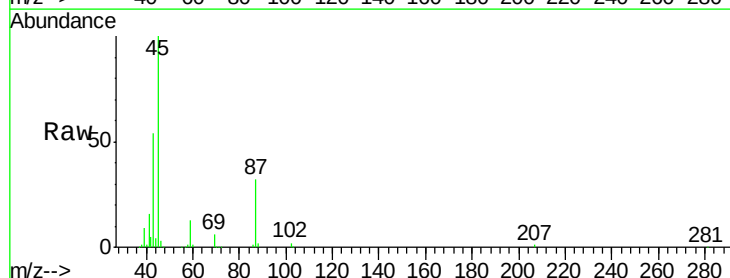
Ion Ratio Lower Upper

45 100

43 53.9 41.7 62.5

87 31.5 24.2 36.2

59 12.6 9.8 14.8



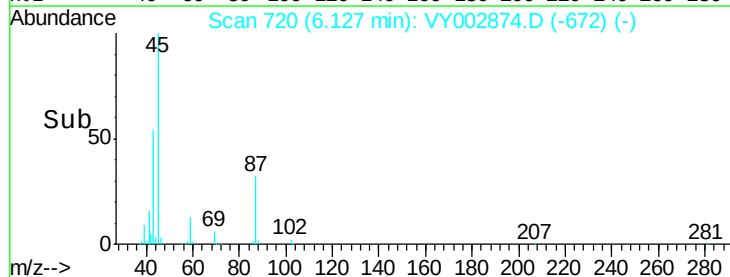
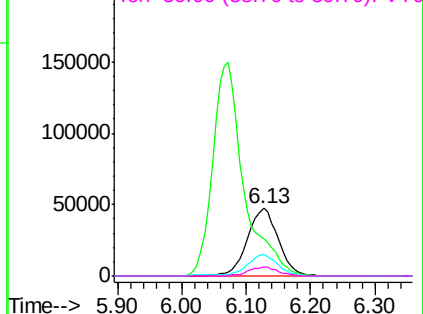
Abundance

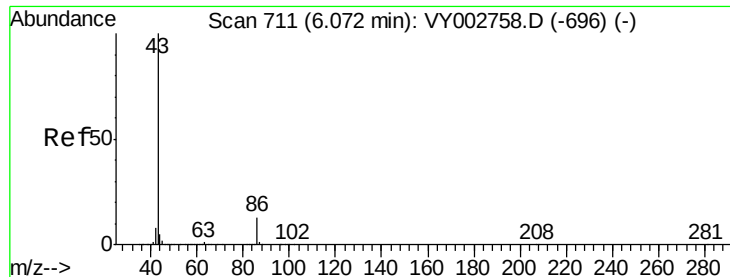
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 106.47 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

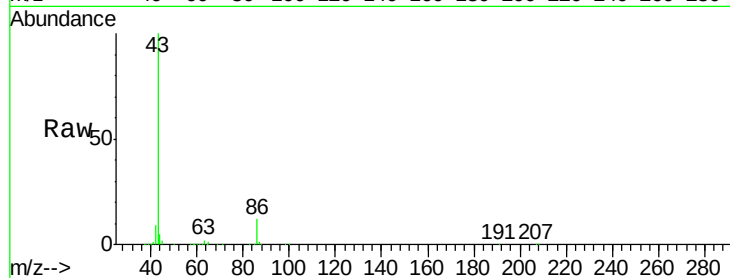
VY0610SBS01

Tgt Ion: 43 Resp: 506754

Ion Ratio Lower Upper

43 100

86 12.5 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

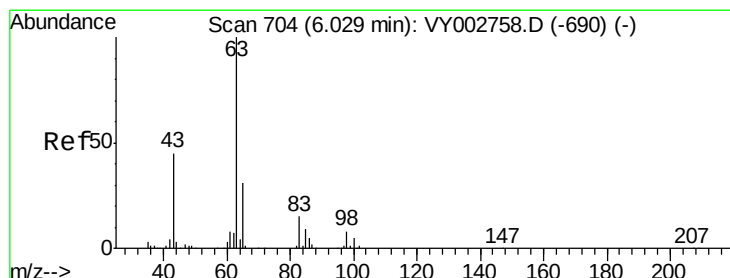
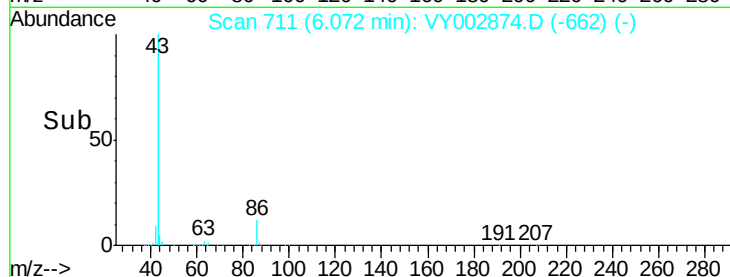
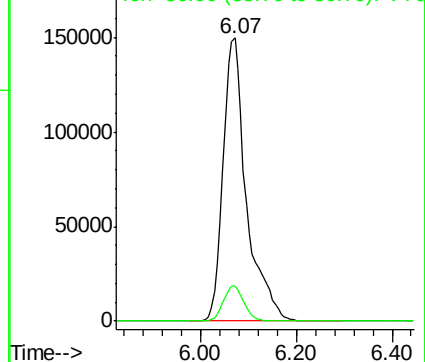
150000

100000

50000

0

6.00 6.20 6.40



#24

1,1-Dichloroethane

Concen: 21.34 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

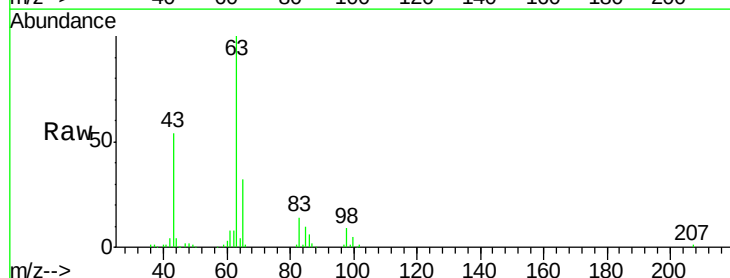
Tgt Ion: 63 Resp: 89978

Ion Ratio Lower Upper

63 100

98 8.7 4.0 12.2

100 5.1 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

6.03

40000

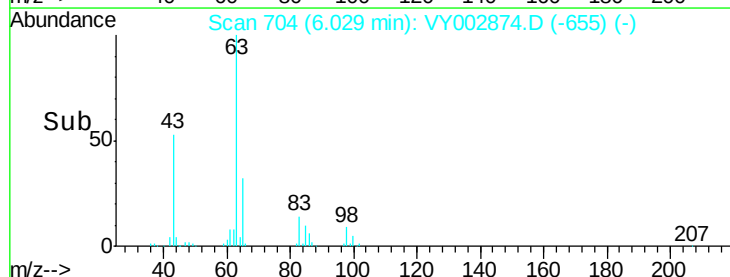
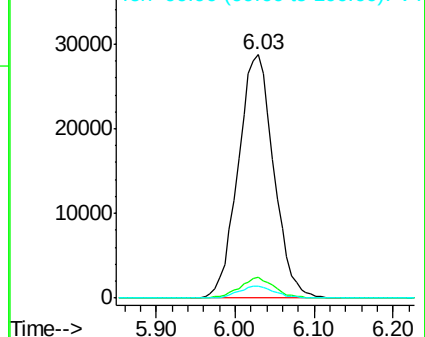
30000

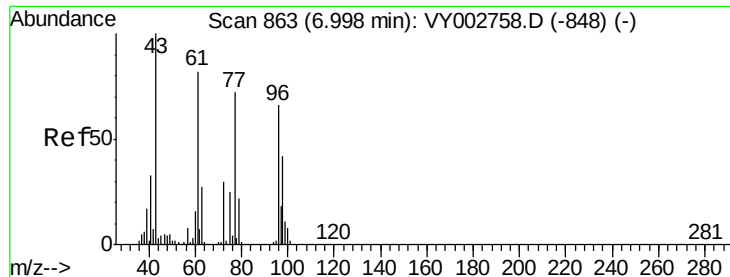
20000

10000

0

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 109.55 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

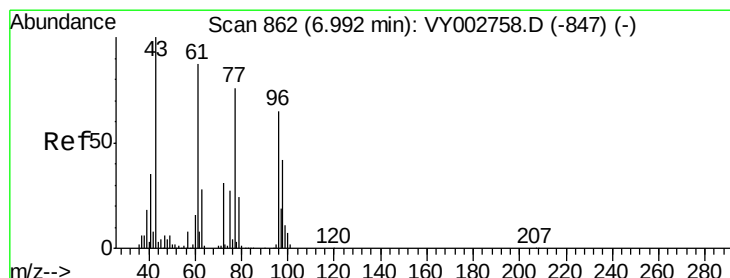
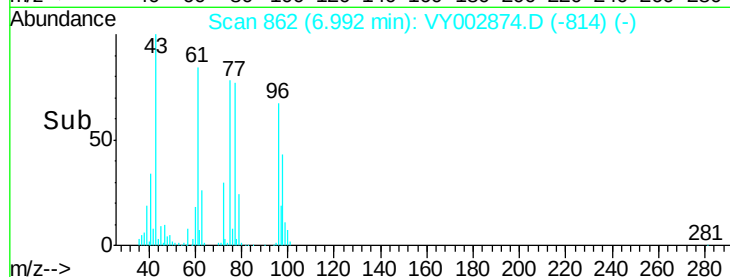
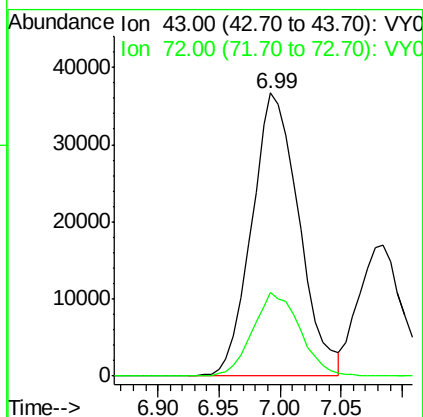
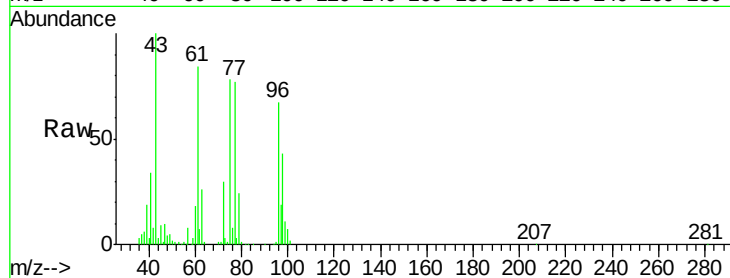
VY0610SBS01

Tgt Ion: 43 Resp: 98812

Ion Ratio Lower Upper

43 100

72 29.7 23.9 35.9



#26

2,2-Dichloropropane

Concen: 21.52 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002874.D

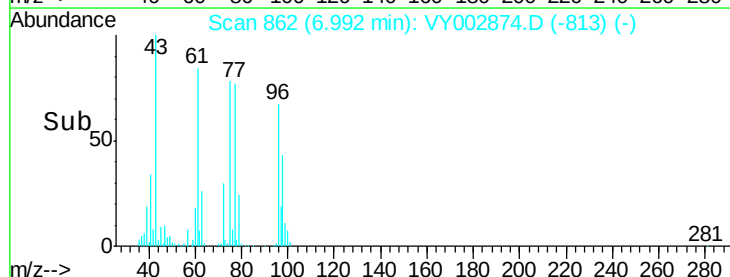
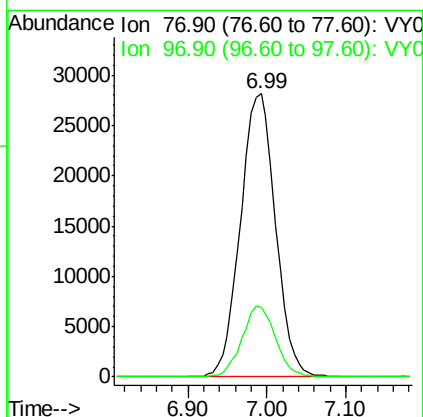
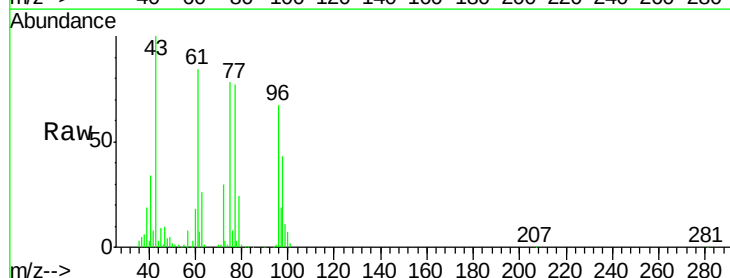
Acq: 10 Jun 2020 11:20

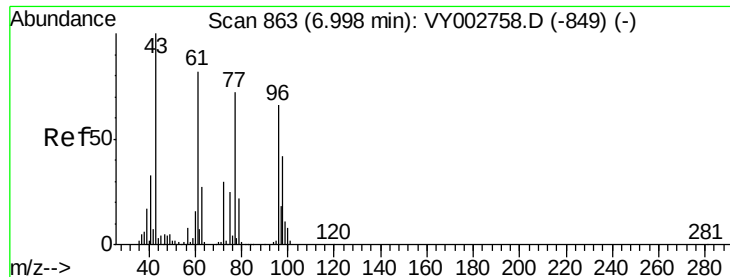
Tgt Ion: 77 Resp: 87046

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6



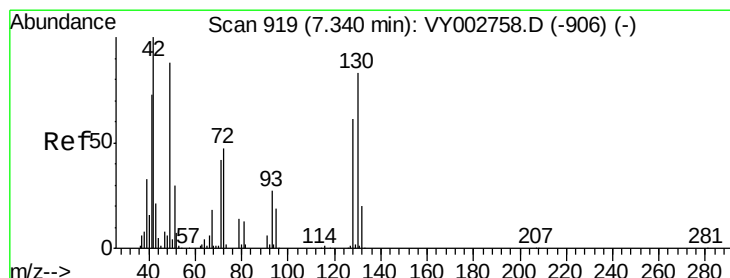
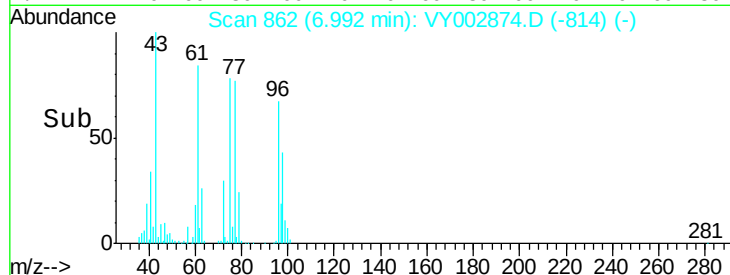
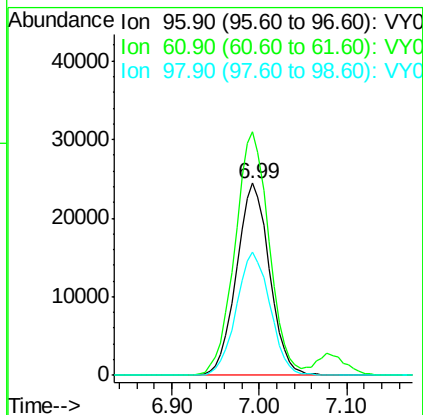
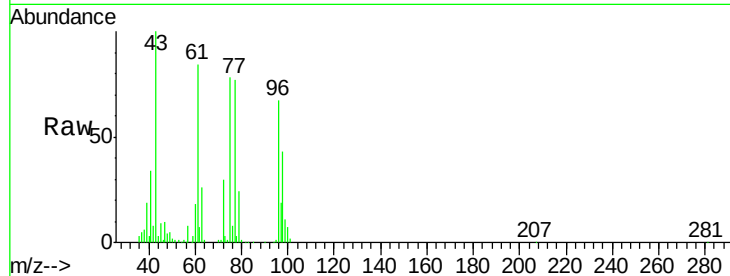


#27

cis-1,2-Dichloroethene
Concen: 21.13 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

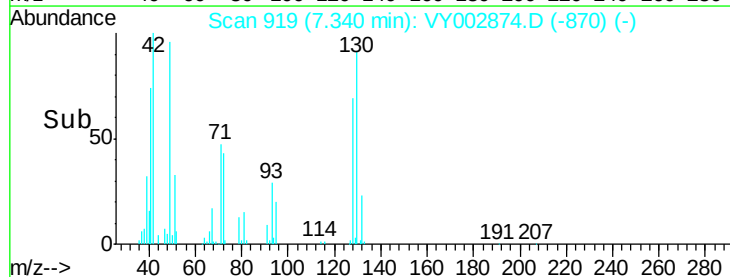
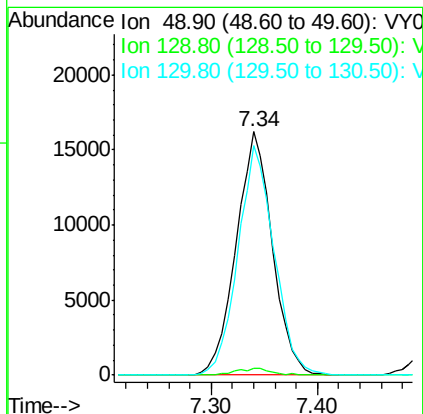
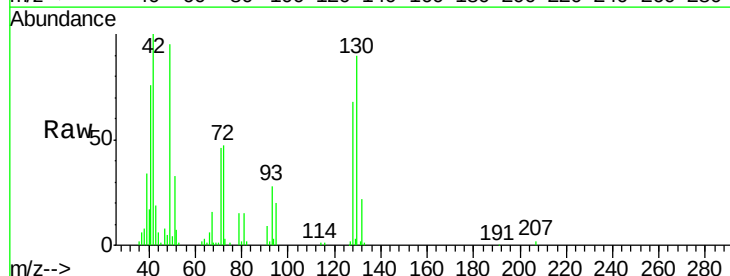
Tgt Ion: 96 Resp: 64356
Ion Ratio Lower Upper
96 100
61 130.4 0.0 260.2
98 65.5 0.0 128.2

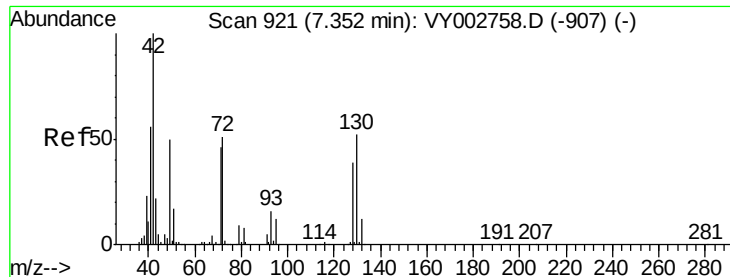


#28

Bromochloromethane
Concen: 22.36 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion: 49 Resp: 38711
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 94.2 77.1 115.7





#29

Tetrahydrofuran

Concen: 106.82 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

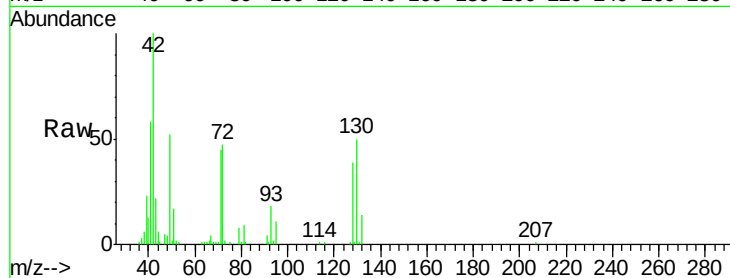
Tgt Ion: 42 Resp: 62669

Ion Ratio Lower Upper

42 100

72 47.9 38.6 58.0

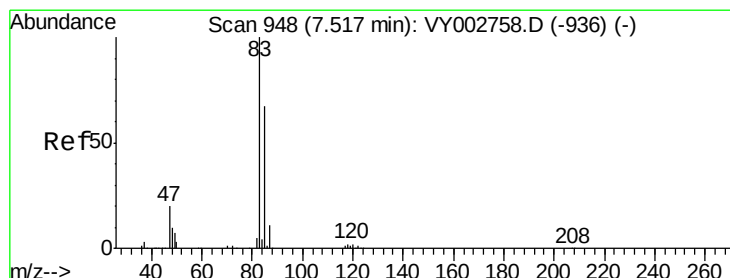
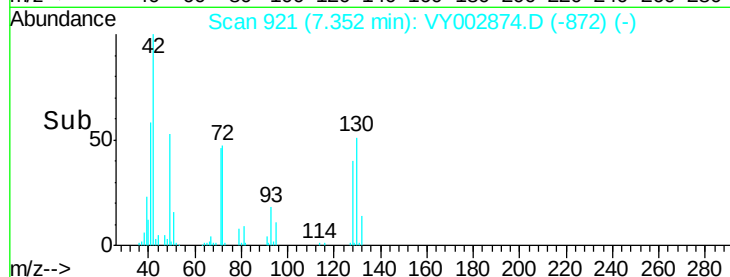
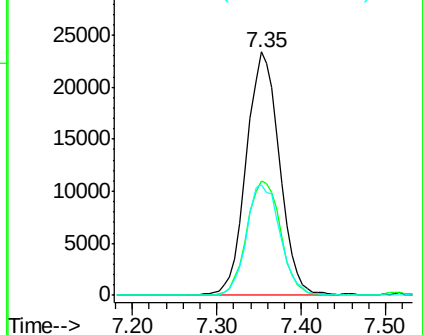
71 45.9 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.48 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002874.D

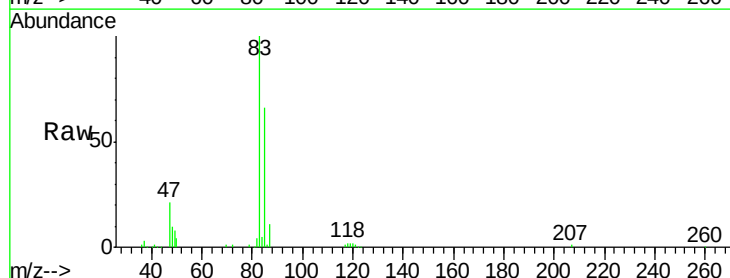
Acq: 10 Jun 2020 11:20

Tgt Ion: 83 Resp: 96148

Ion Ratio Lower Upper

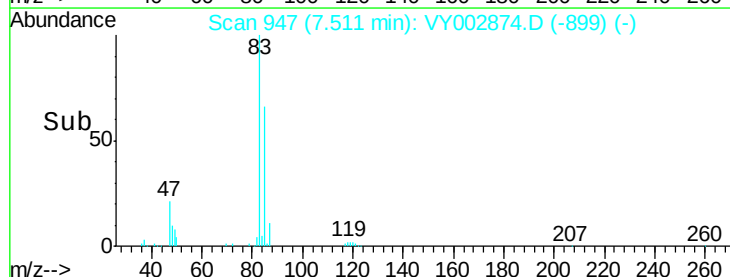
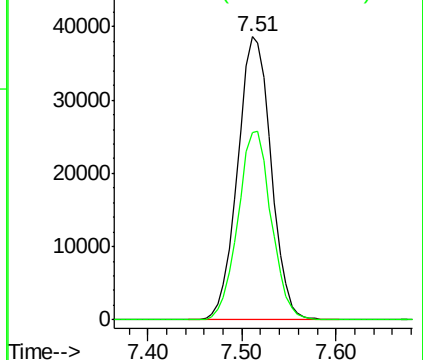
83 100

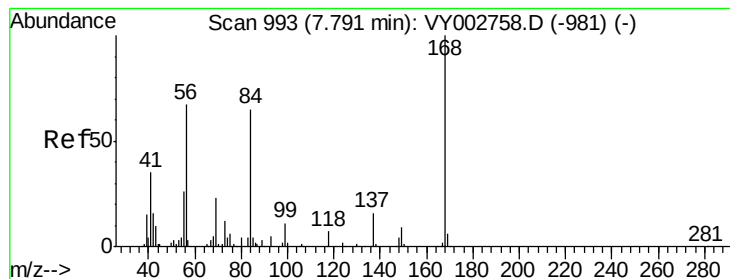
85 66.3 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.36 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

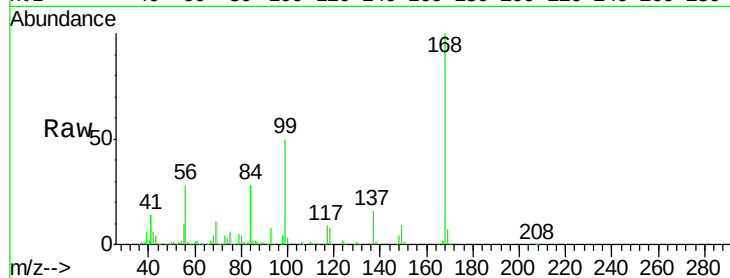
Tgt Ion: 56 Resp: 85255

Ion Ratio Lower Upper

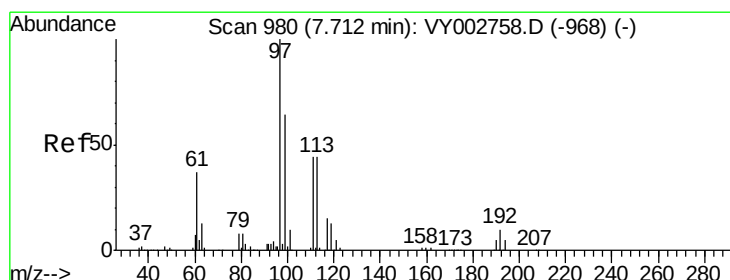
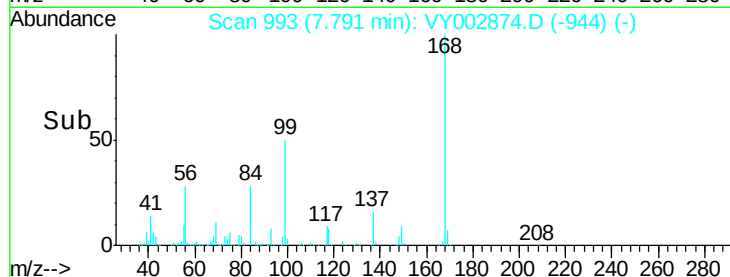
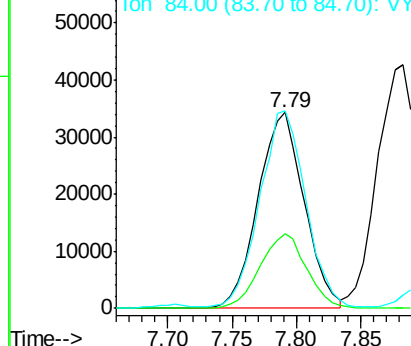
56 100

69 38.1 28.0 42.0

84 99.6 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: 21.35 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

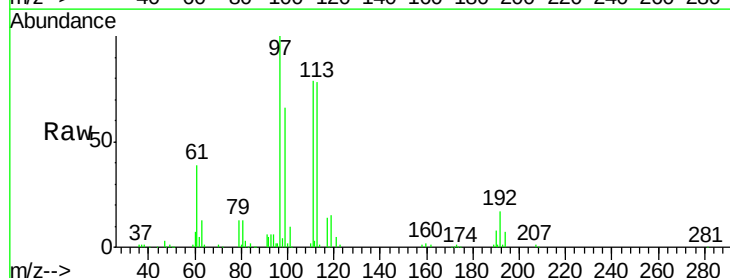
Tgt Ion: 97 Resp: 89034

Ion Ratio Lower Upper

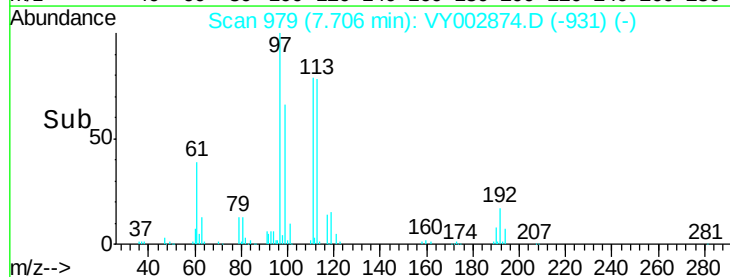
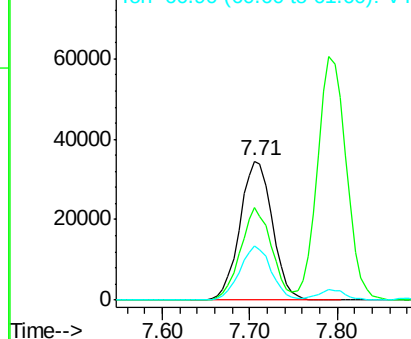
97 100

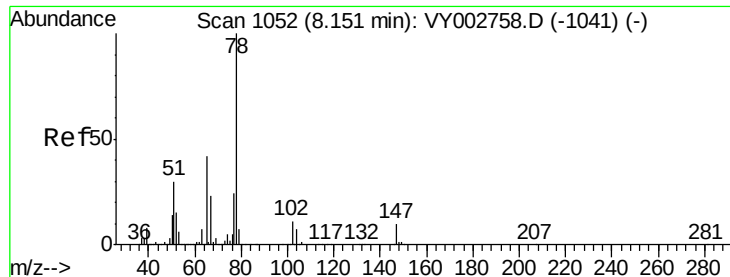
99 63.9 51.4 77.0

61 37.8 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

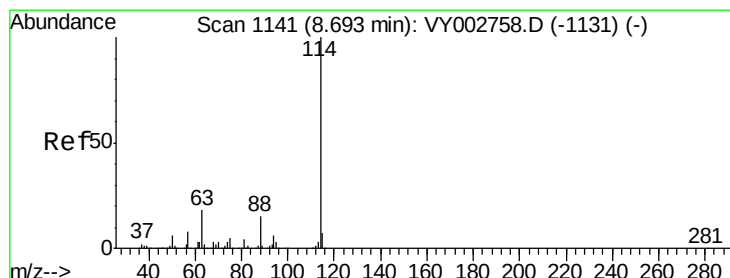
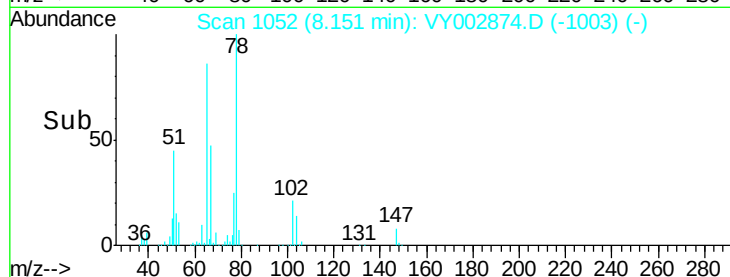
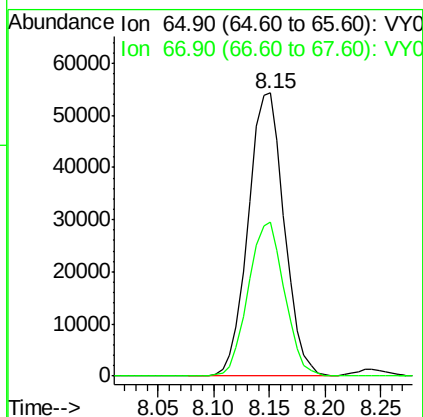
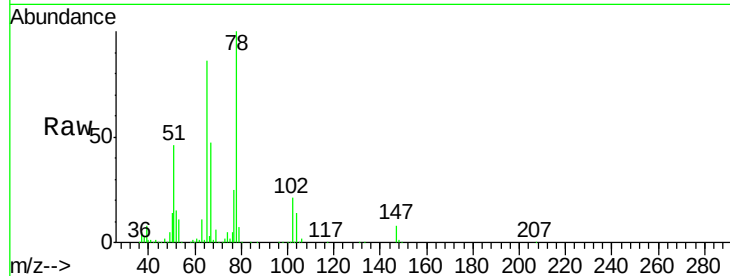




#33
 1,2-Dichloroethane-d4
 Concen: 49.53 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

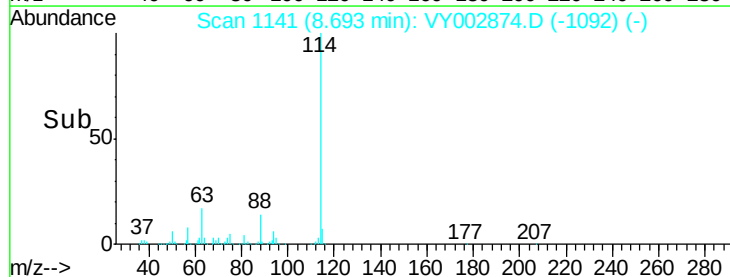
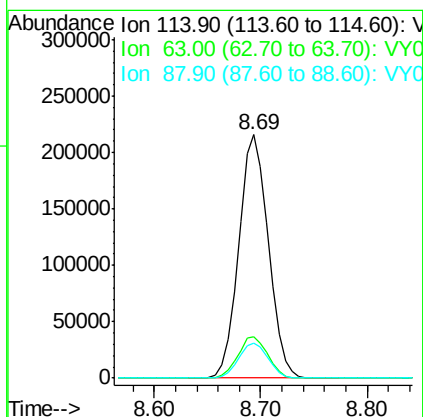
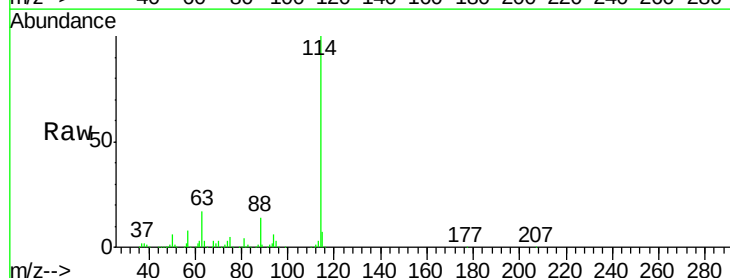
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

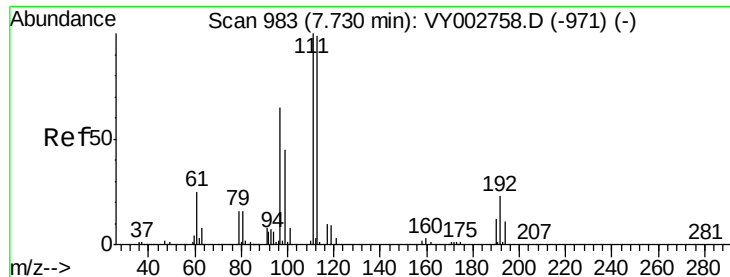
Tgt Ion: 65 Resp: 122272
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion: 114 Resp: 420945
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.2
 88 14.3 0.0 29.2

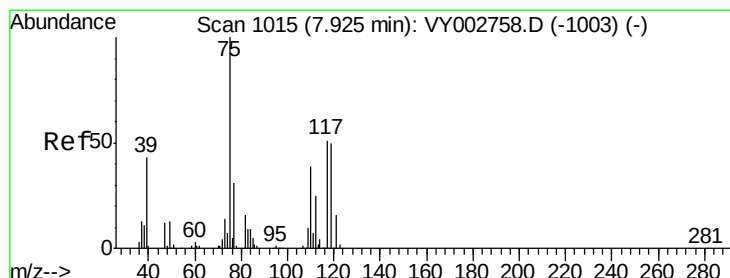
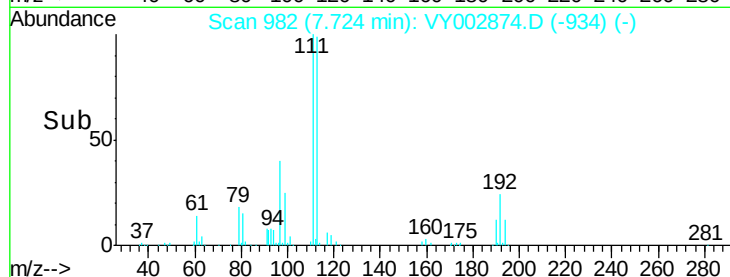
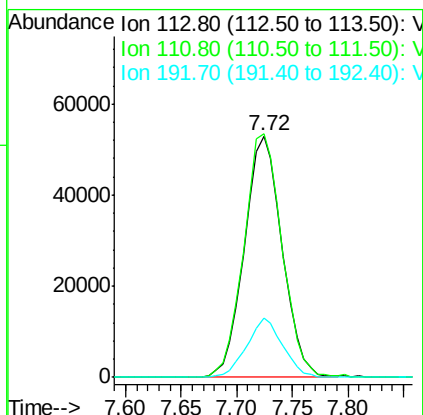
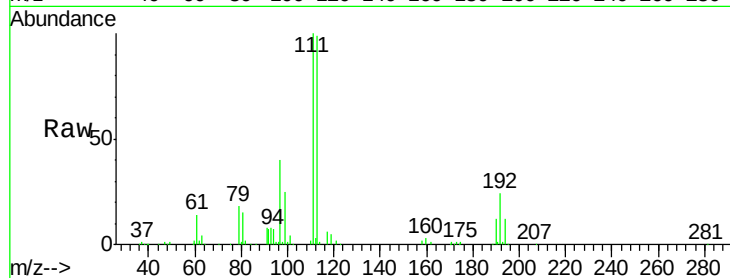




#35
 Dibromofluoromethane
 Concen: 50.64 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

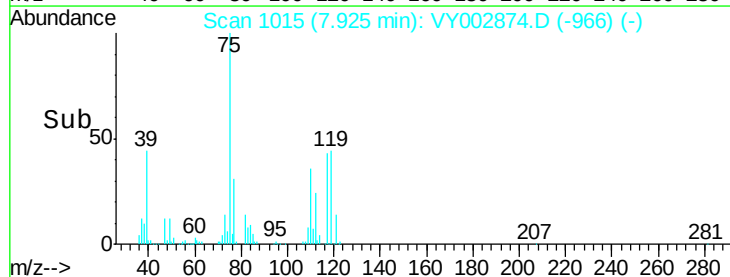
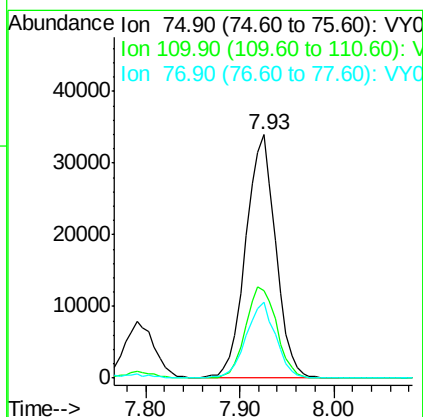
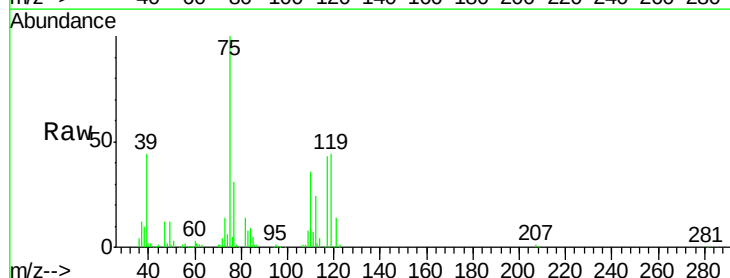
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

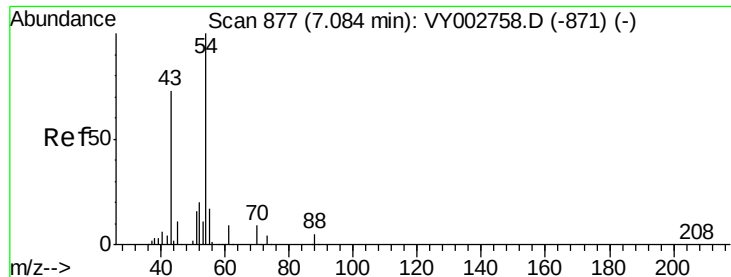
Tgt Ion: 113 Resp: 124921
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 23.5 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 21.29 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion: 75 Resp: 75489
 Ion Ratio Lower Upper
 75 100
 110 38.6 19.3 57.9
 77 30.8 24.8 37.2

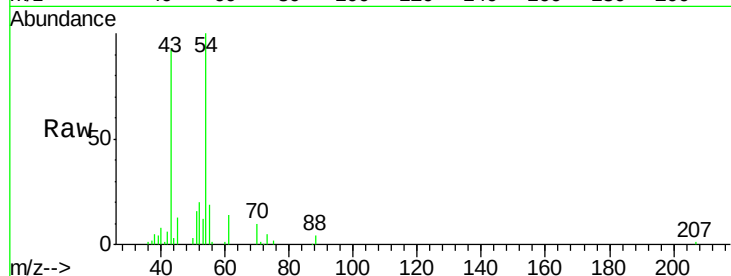




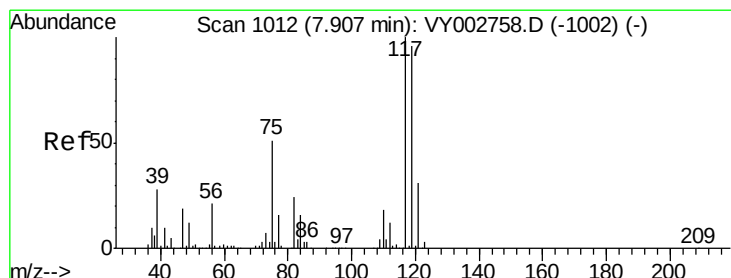
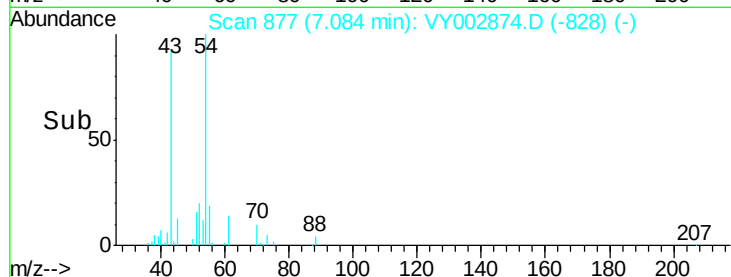
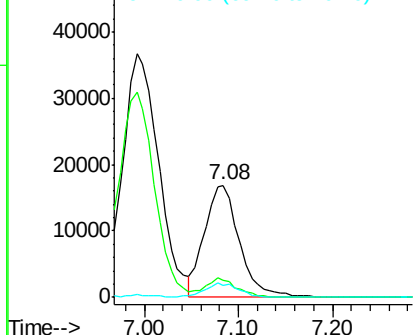
#37
Ethyl Acetate
Concen: 22.58 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 43 Resp: 43571
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 12.3 9.1 13.7

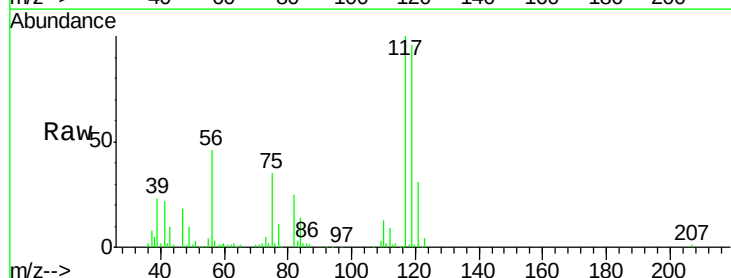


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

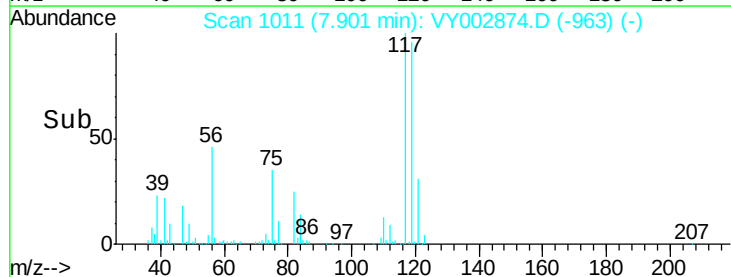
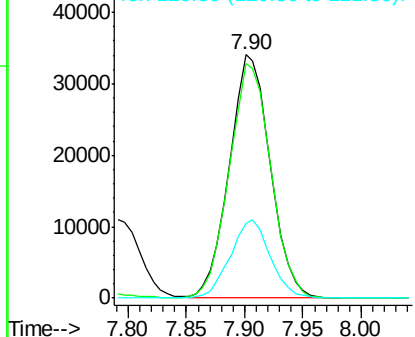


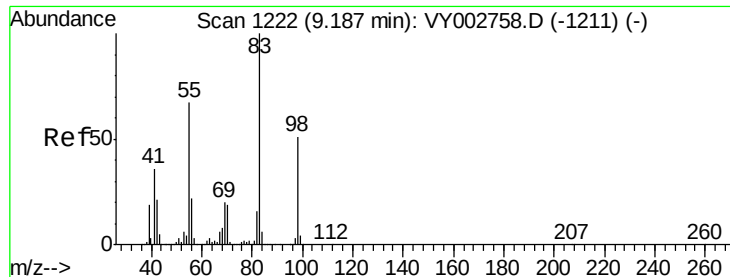
#38
Carbon Tetrachloride
Concen: 21.17 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion: 117 Resp: 83377
Ion Ratio Lower Upper
117 100
119 96.4 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

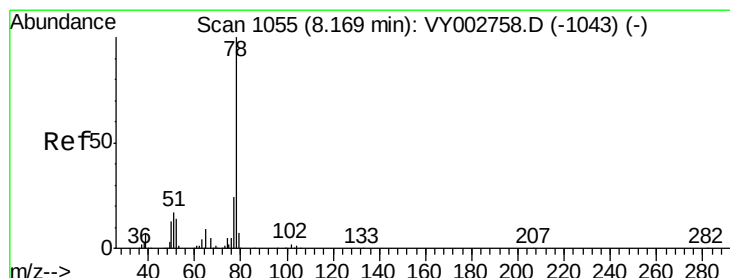
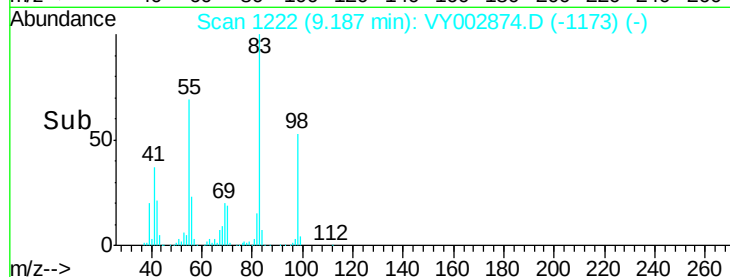
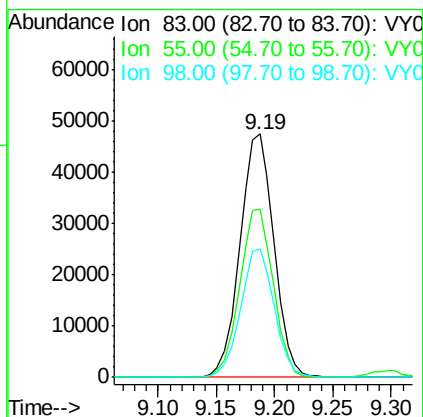
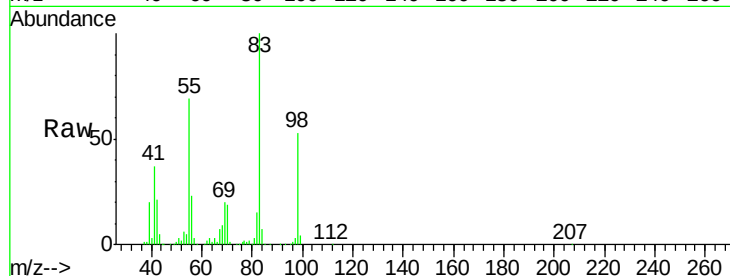




#39
Methylcyclohexane
Concen: 20.65 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

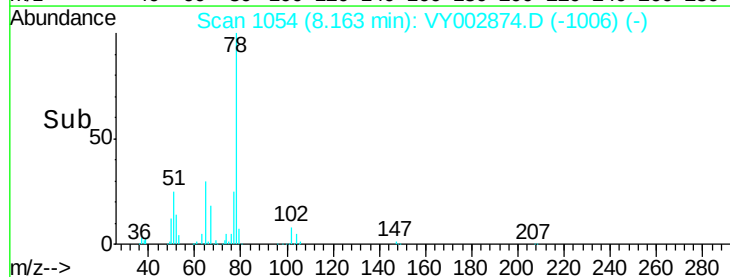
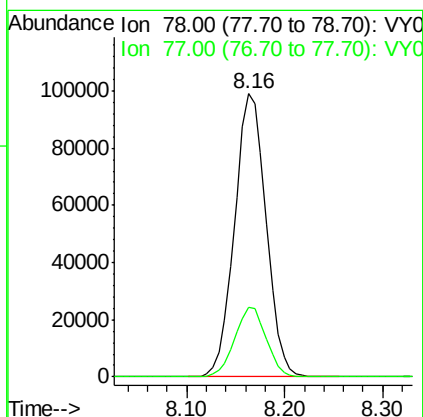
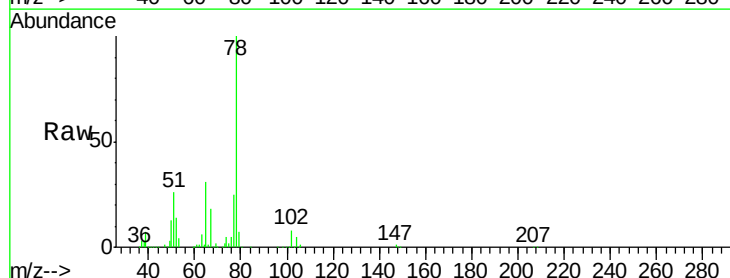
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

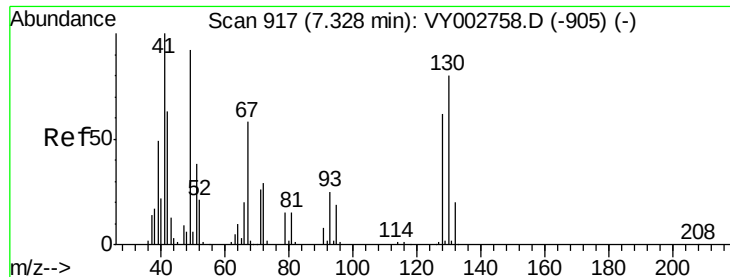
Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.0	53.3	79.9
98	52.7	41.1	61.7



#40
Benzene
Concen: 21.13 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2

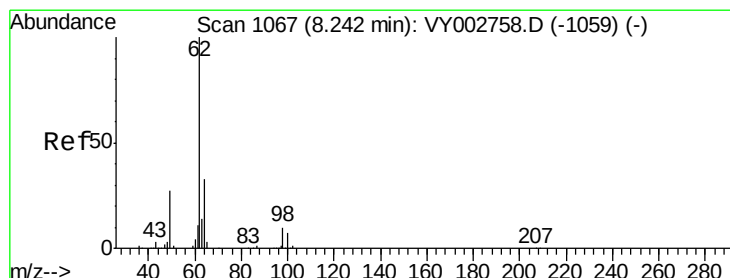
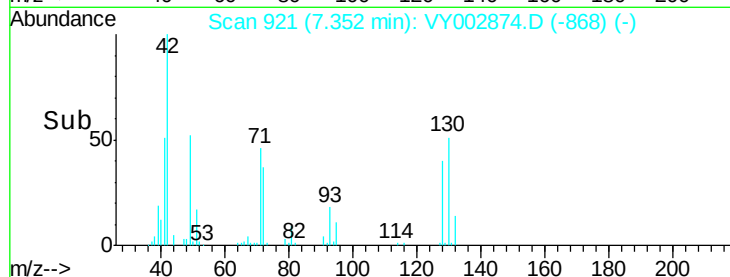
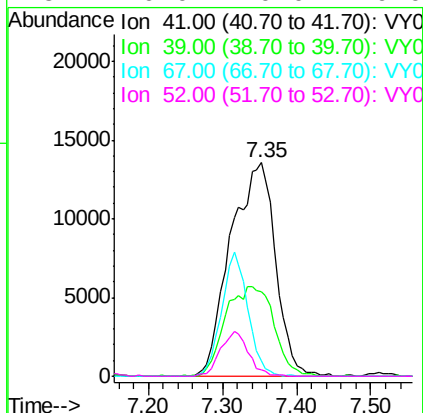
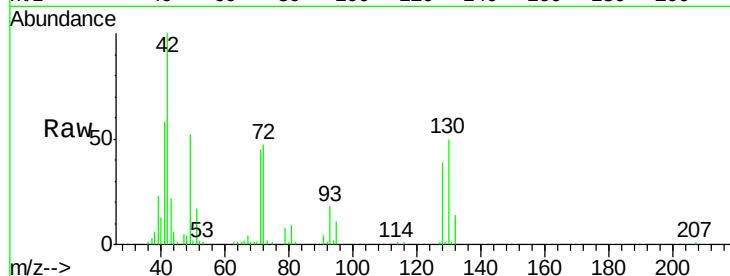




#41
Methacrylonitrile
Concen: 55.05 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

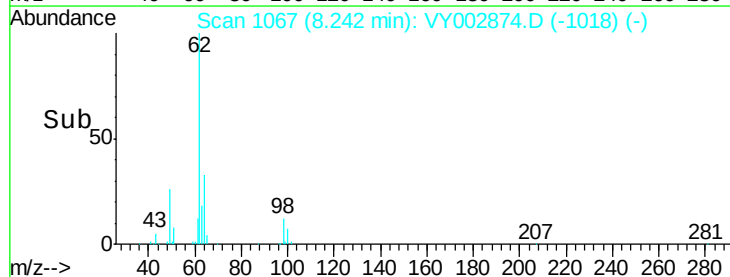
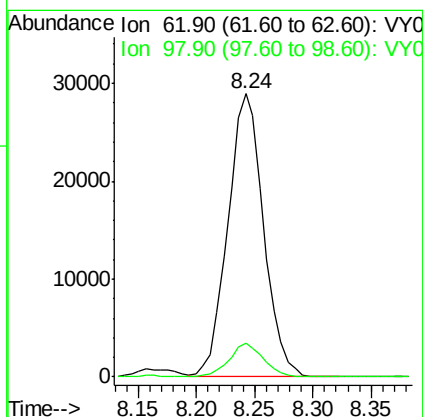
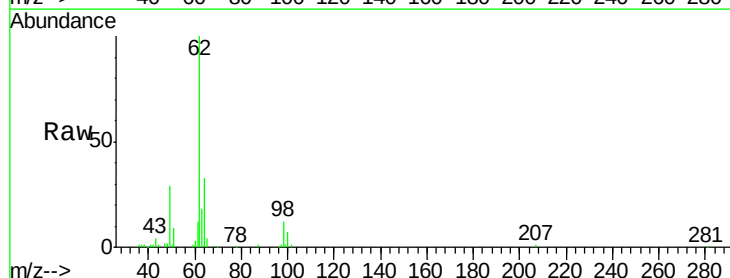
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

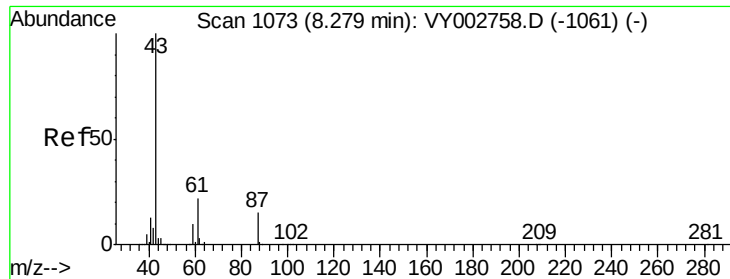
Tgt Ion:	41	Resp:	57052
Ion	Ratio	Lower	Upper
41	100		
39	45.3	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.00 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion:	62	Resp:	61650
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.6





#43

Isopropyl Acetate

Concen: 21.70 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

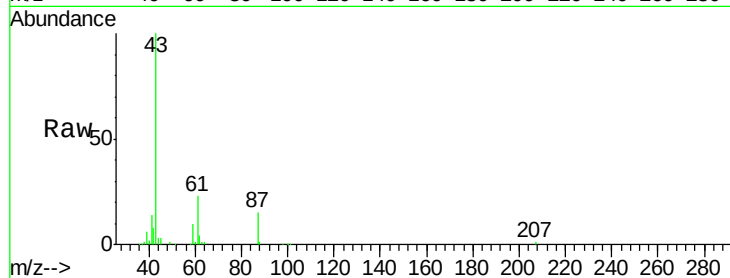
Tgt Ion: 43 Resp: 79335

Ion Ratio Lower Upper

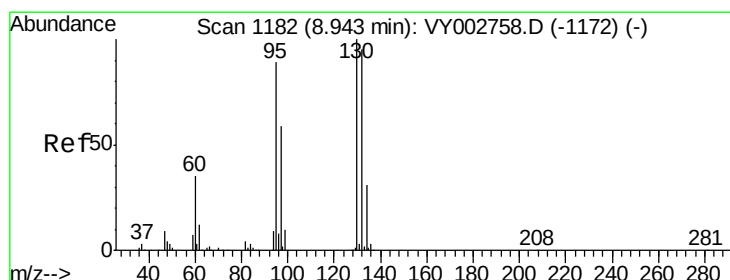
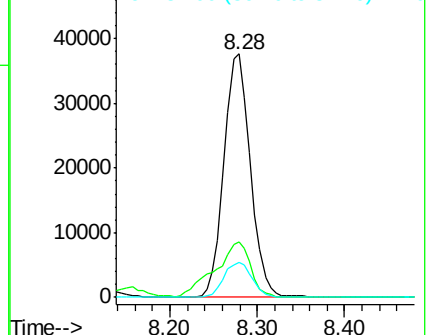
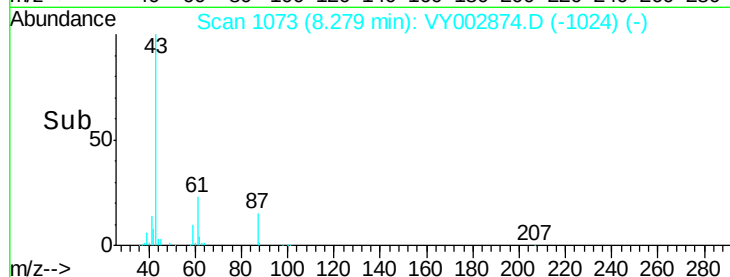
43 100

61 30.6 24.8 37.2

87 15.2 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002874.D (-1024) (-)



#44

Trichloroethene

Concen: 20.65 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002874.D

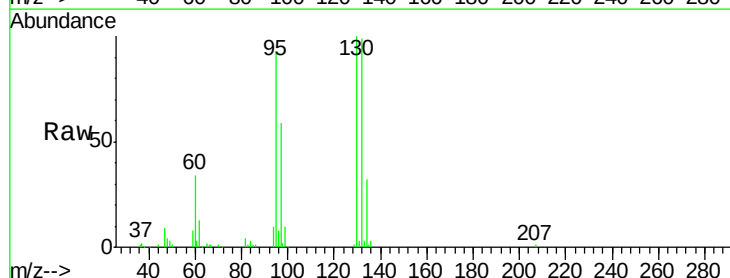
Acq: 10 Jun 2020 11:20

Tgt Ion: 130 Resp: 68326

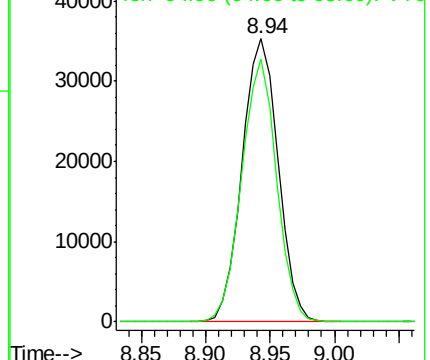
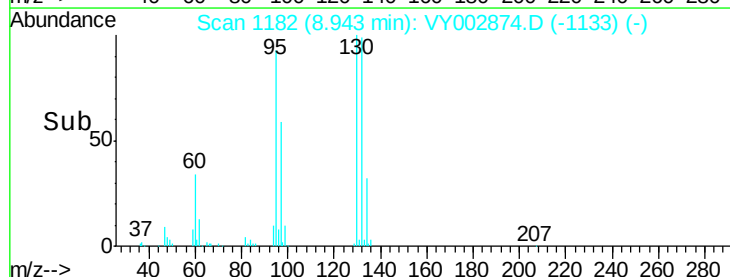
Ion Ratio Lower Upper

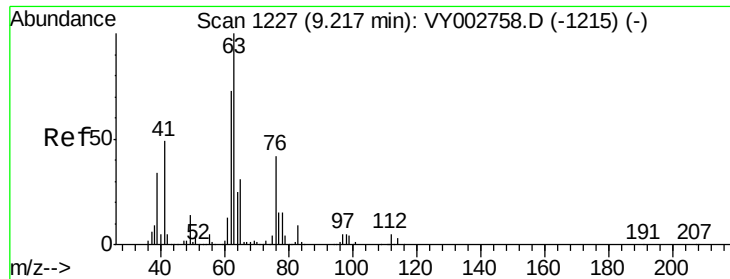
130 100

95 92.8 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002874.D (-1133) (-)

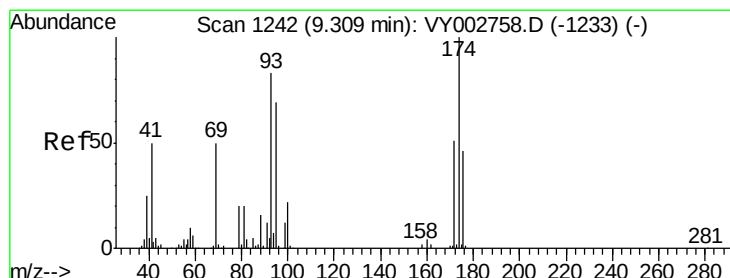
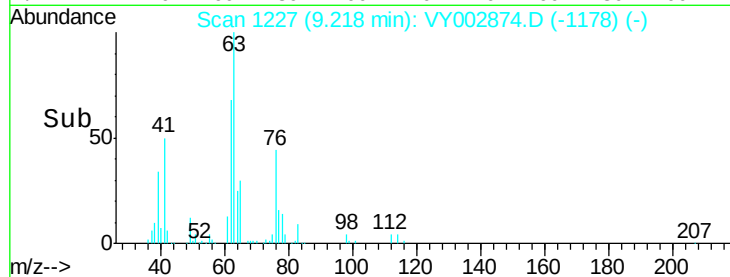
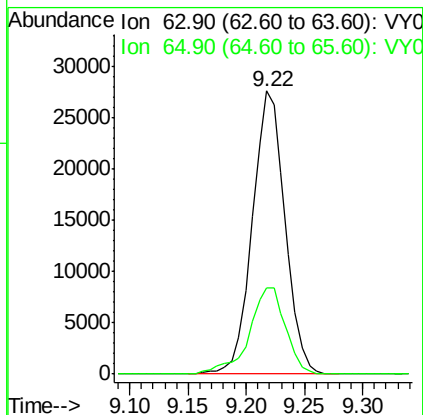
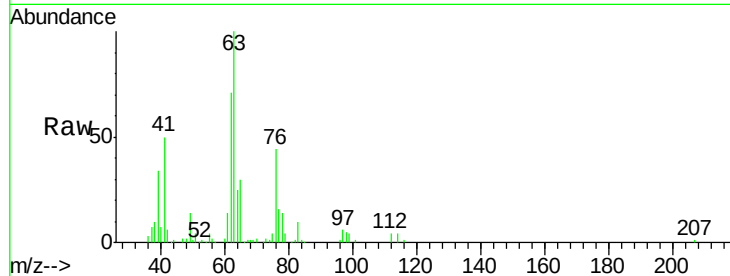




#45
 1,2-Dichloropropane
 Concen: 21.46 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

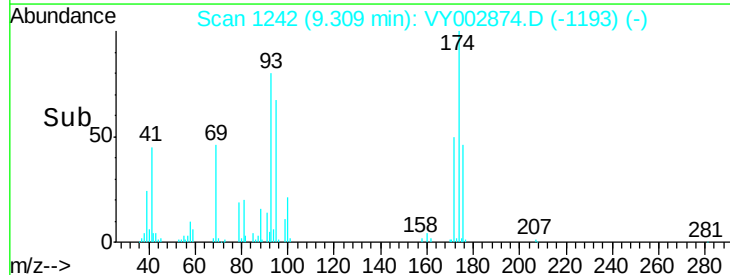
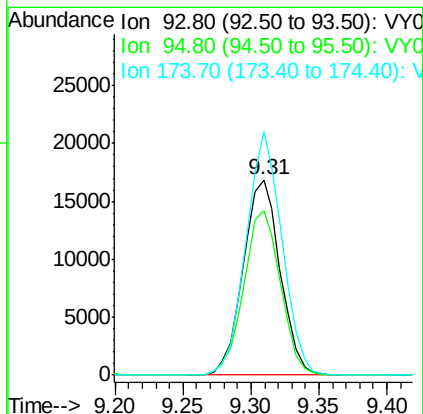
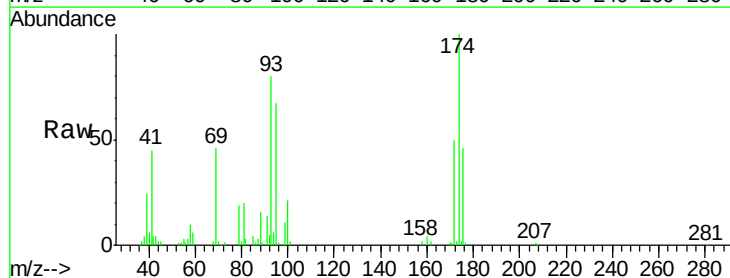
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

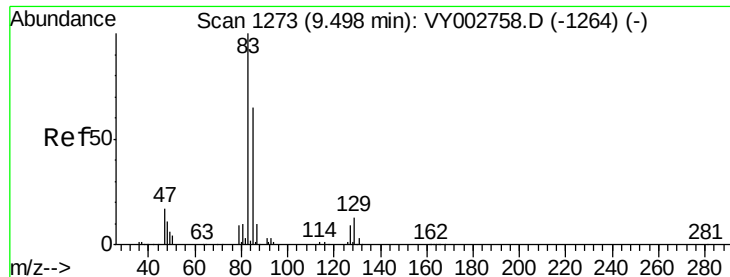
Tgt Ion: 63 Resp: 53912
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2



#46
 Dibromomethane
 Concen: 21.48 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion: 93 Resp: 32051
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.9 100.3
 174 121.2 97.7 146.5





#47

Bromodichloromethane

Concen: 21.61 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

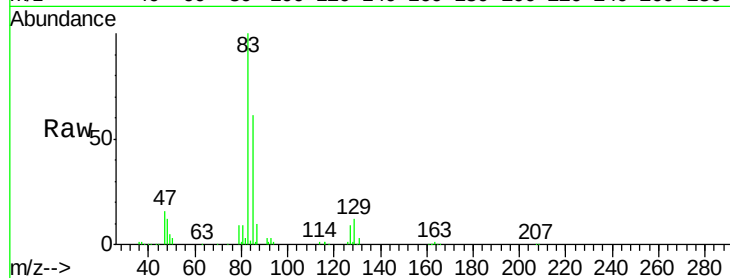
Tgt Ion: 83 Resp: 76038

Ion Ratio Lower Upper

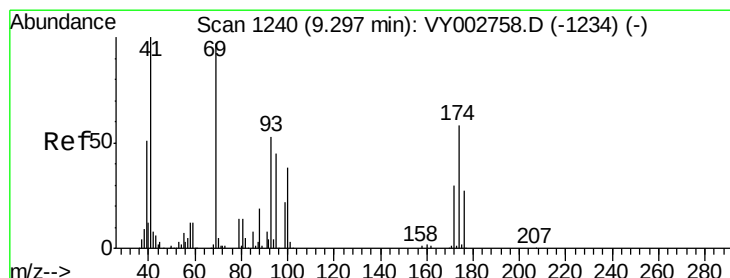
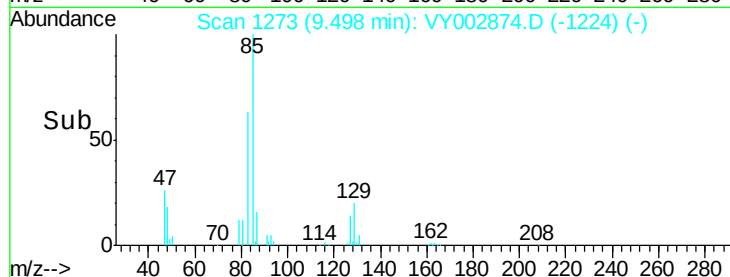
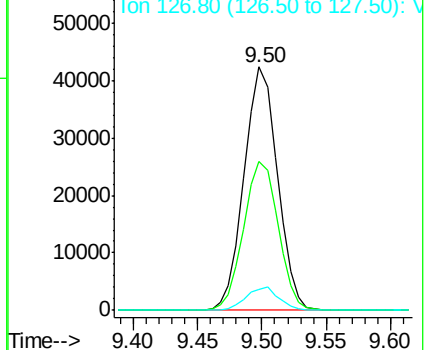
83 100

85 60.9 51.9 77.9

127 8.8 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.95 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

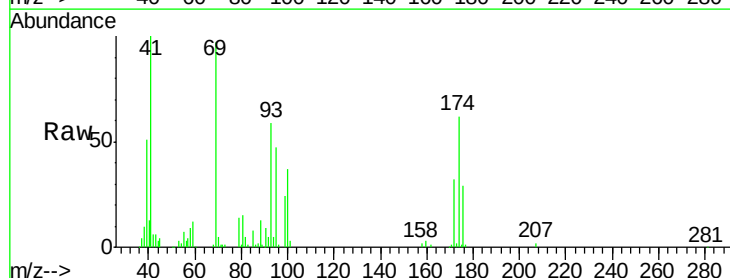
Tgt Ion: 41 Resp: 34582

Ion Ratio Lower Upper

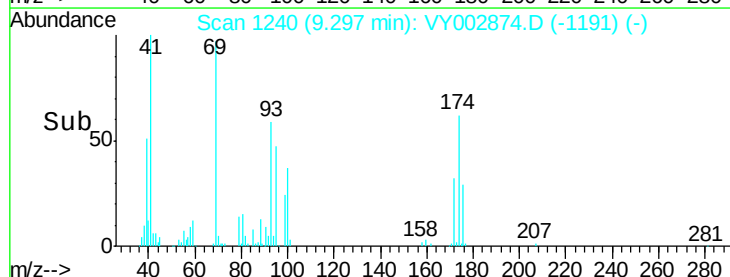
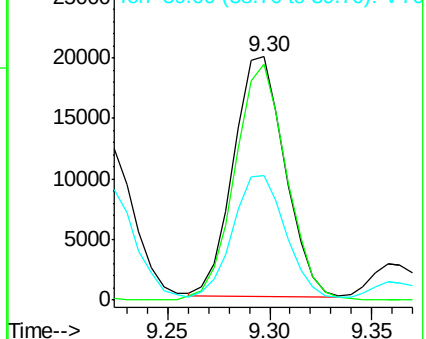
41 100

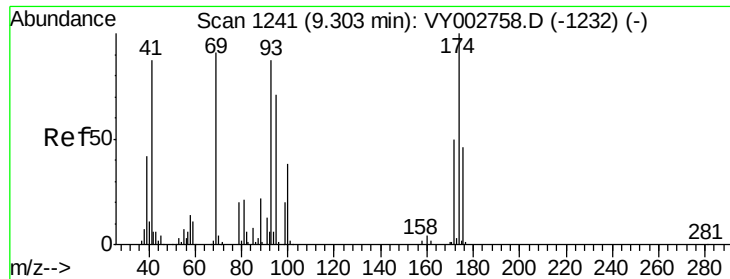
69 99.0 79.7 119.5

39 52.1 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

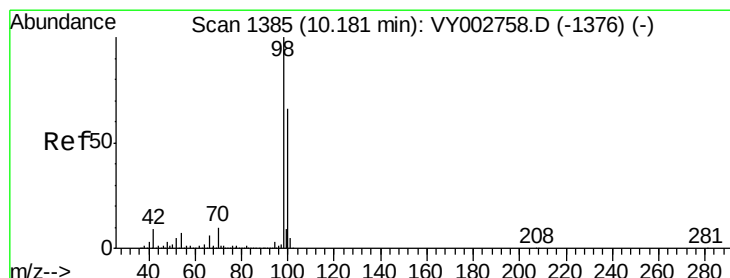
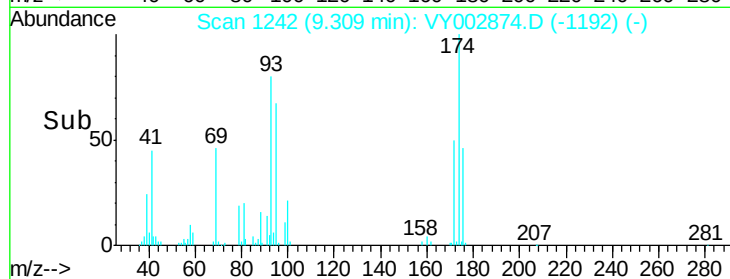
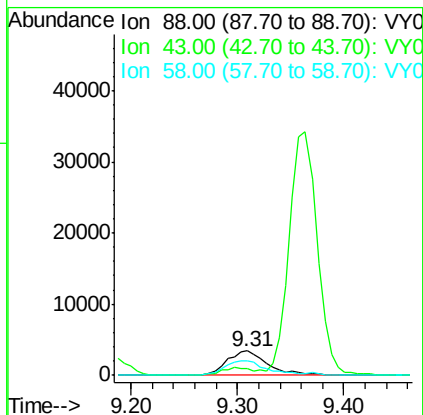
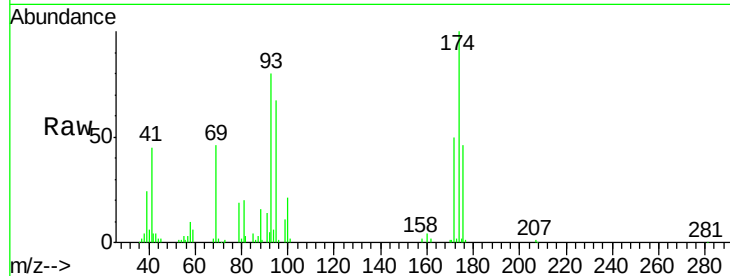




#49
1,4-Dioxane
Concen: 408.64 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

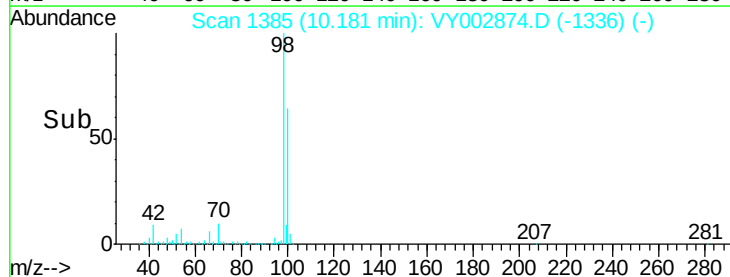
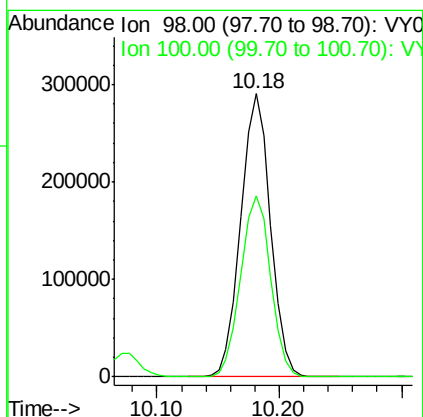
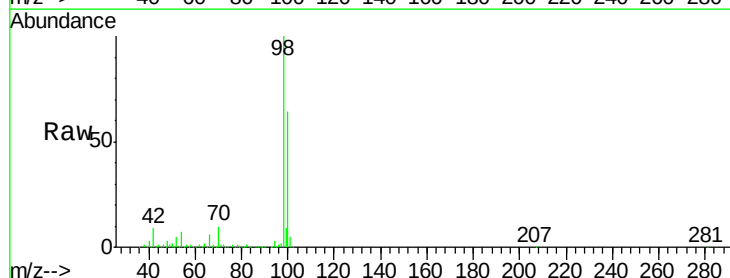
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

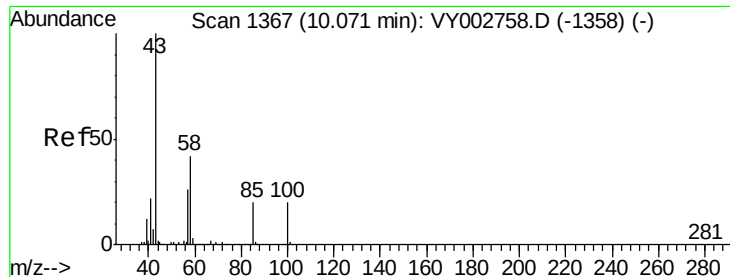
Tgt Ion: 88 Resp: 9363
Ion Ratio Lower Upper
88 100
43 23.6 21.3 31.9
58 60.7 52.2 78.2



#50
Toluene-d8
Concen: 48.93 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion: 98 Resp: 488045
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

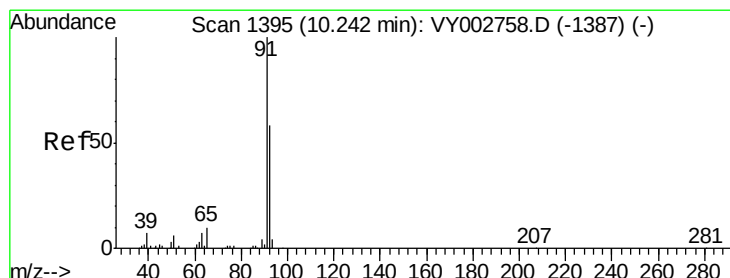
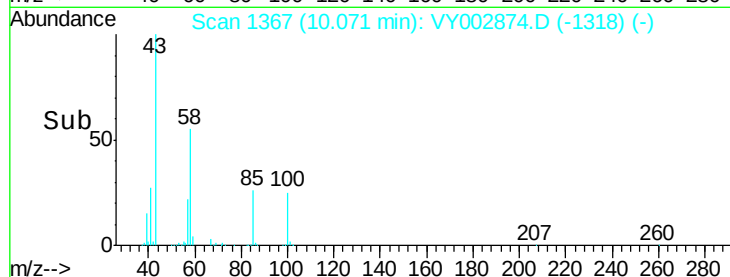
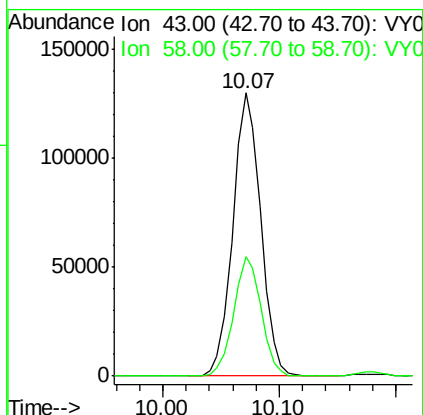
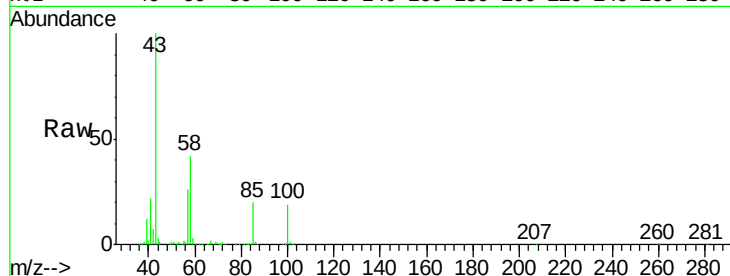




#51
 4-Methyl-2-Pentanone
 Concen: 111.92 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

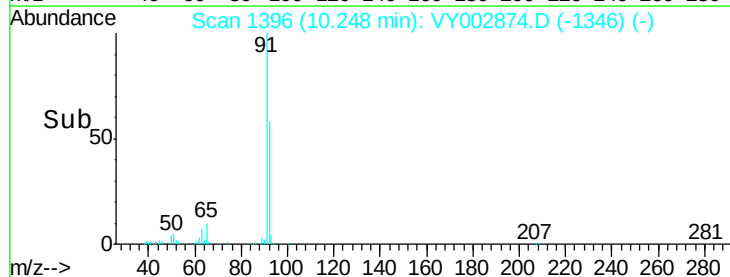
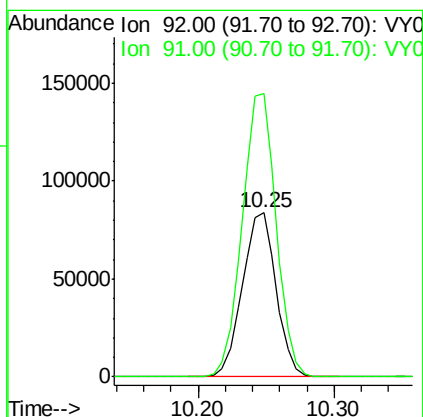
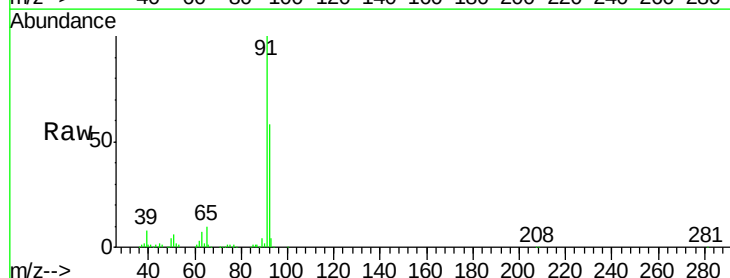
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

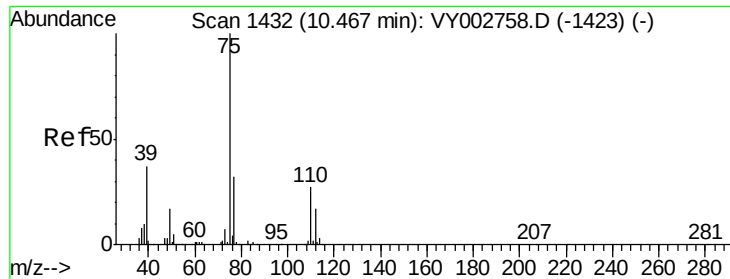
Tgt Ion: 43 Resp: 216662
 Ion Ratio Lower Upper
 43 100
 58 41.7 34.2 51.2



#52
 Toluene
 Concen: 21.18 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion: 92 Resp: 145146
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.40 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

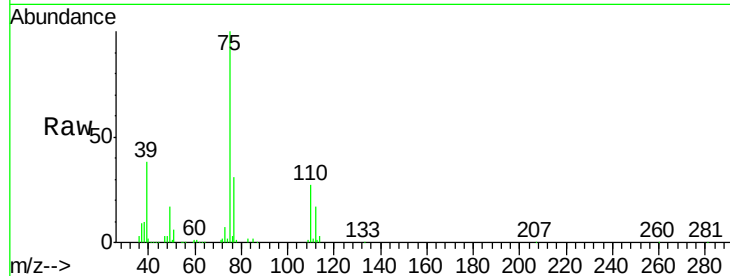
VY0610SBS01

Tgt Ion: 75 Resp: 82242

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

60000

50000

40000

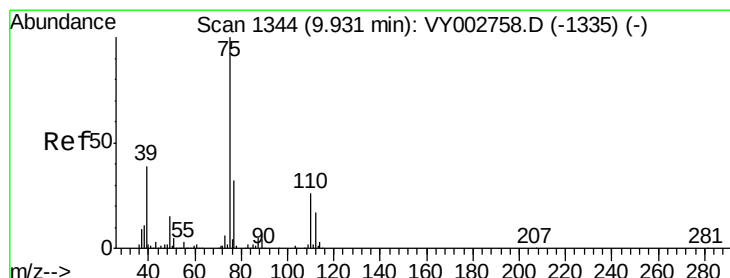
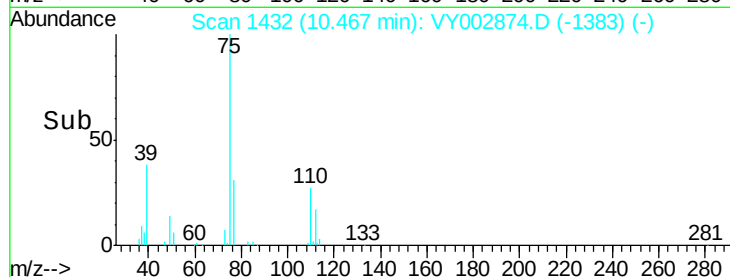
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 21.45 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

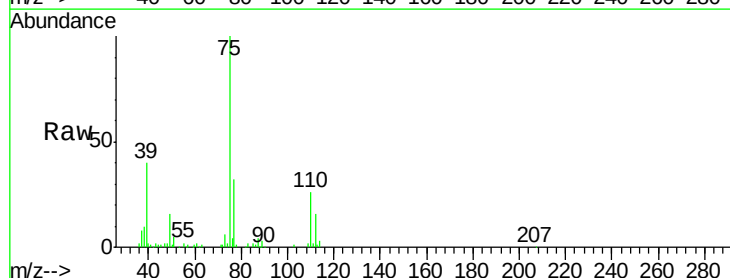
Tgt Ion: 75 Resp: 93369

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4

39 40.3 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

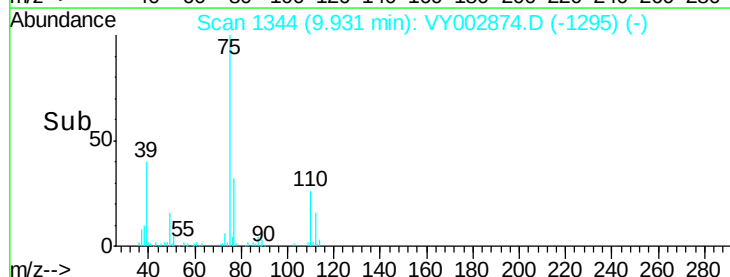
60000

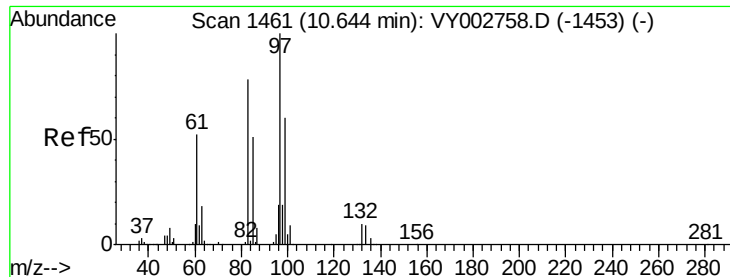
40000

20000

0

Time-->

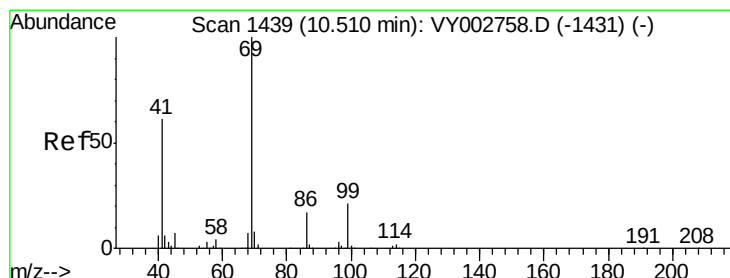
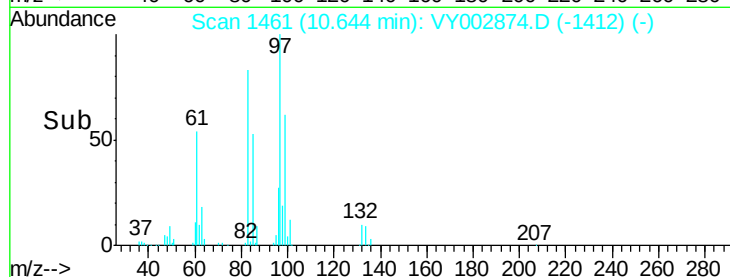
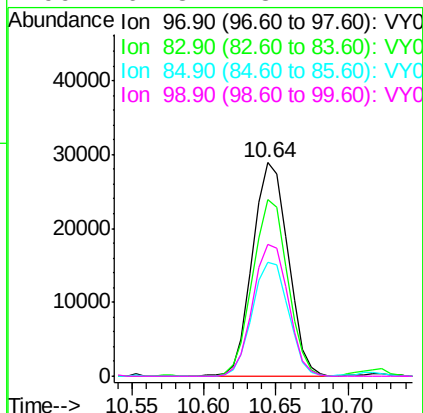
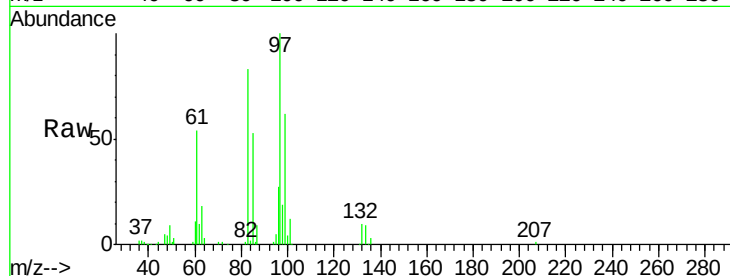




#55
 1,1,2-Trichloroethane
 Concen: 21.61 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

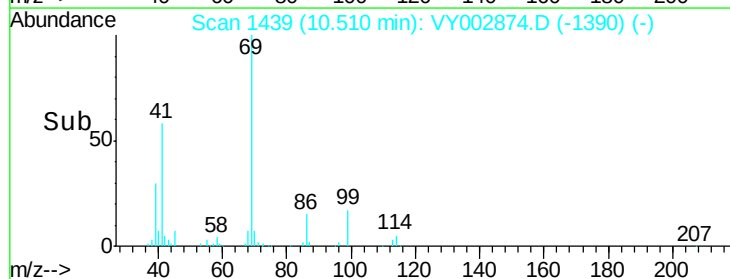
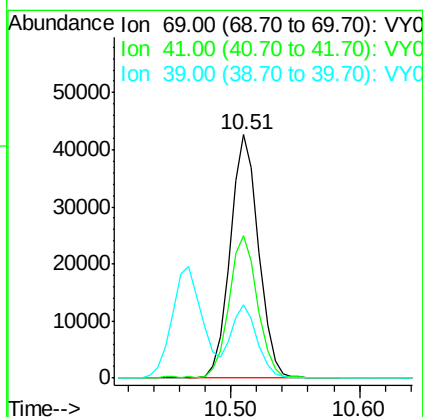
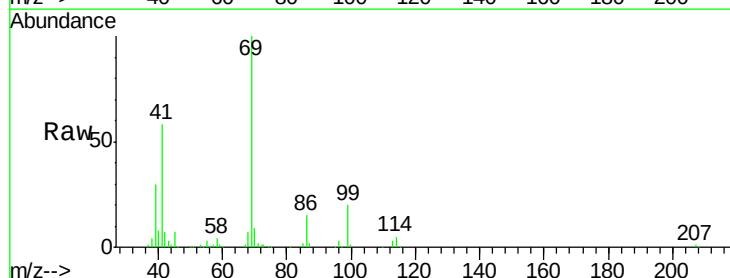
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

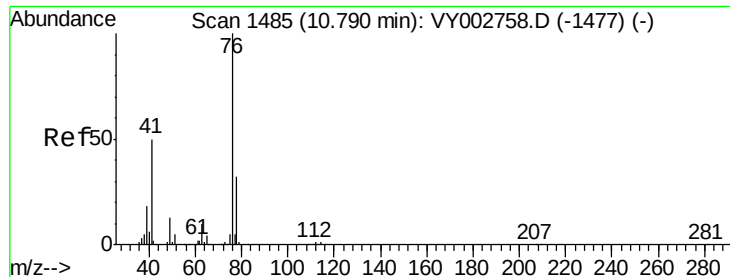
Tgt Ion:	97	Resp:	49366
Ion	Ratio	Lower	Upper
97	100		
83	82.7	62.7	94.1
85	53.1	40.6	60.8
99	61.8	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.40 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion:	69	Resp:	65483
Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.0	70.4
39	27.4	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.70 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

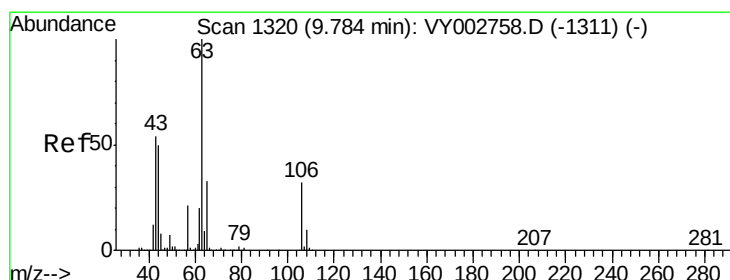
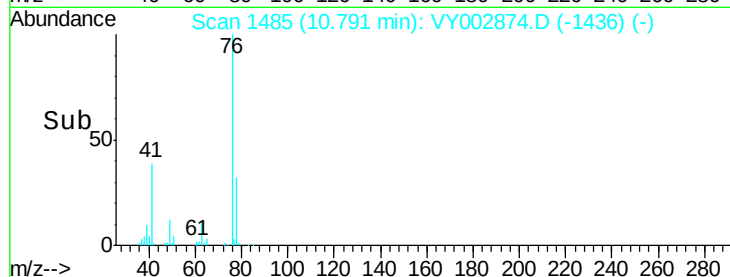
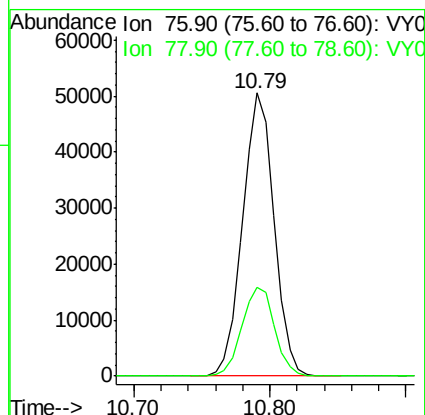
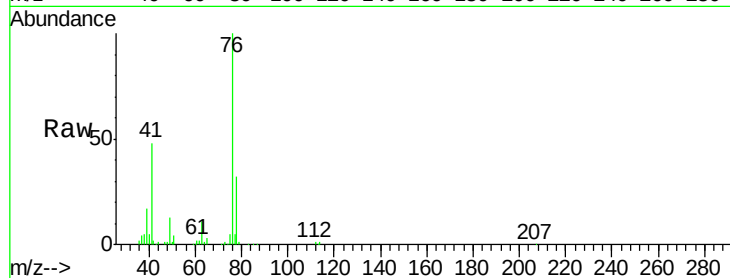
VY0610SBS01

Tgt Ion: 76 Resp: 81548

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 107.59 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002874.D

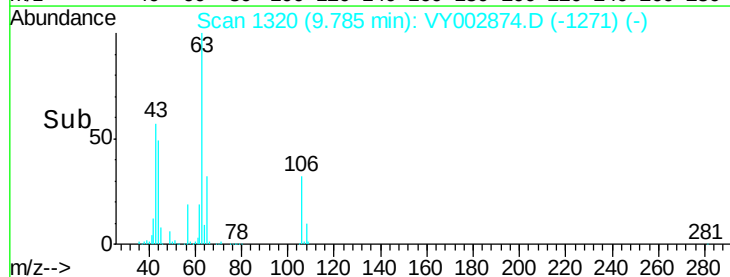
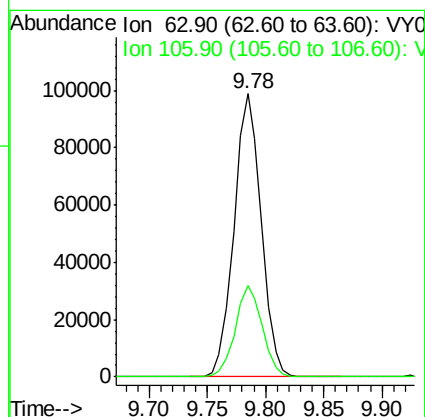
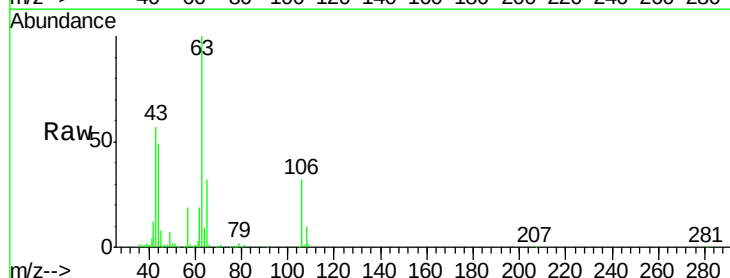
Acq: 10 Jun 2020 11:20

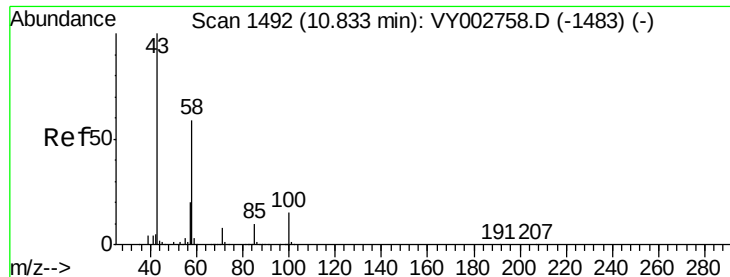
Tgt Ion: 63 Resp: 160864

Ion Ratio Lower Upper

63 100

106 31.7 25.4 38.2

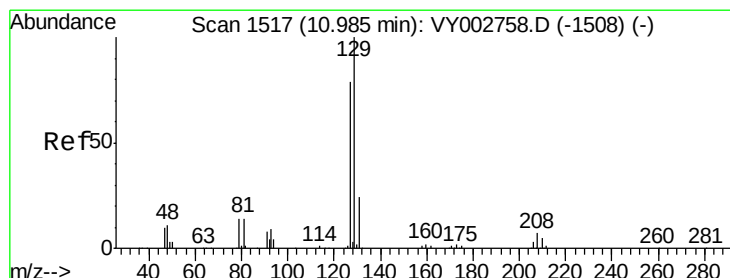
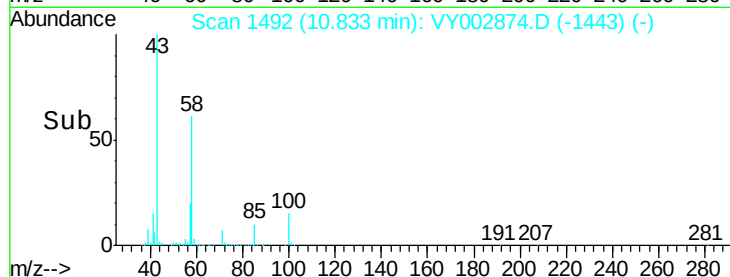
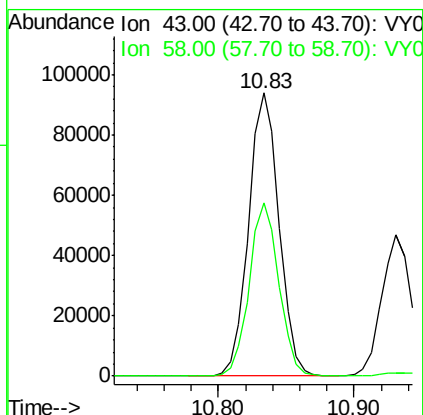
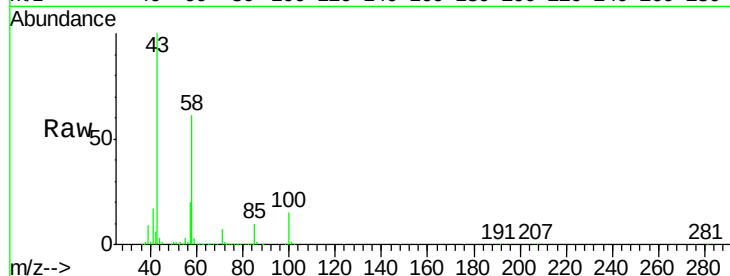




#59
2-Hexanone
Concen: 107.31 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

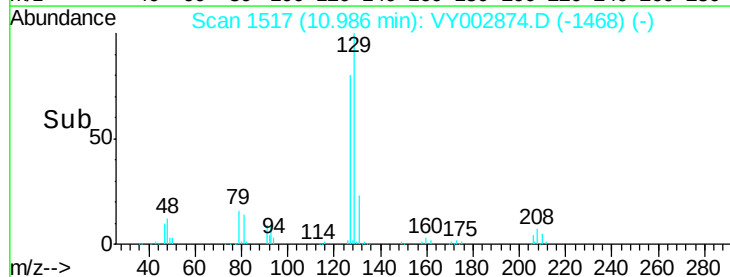
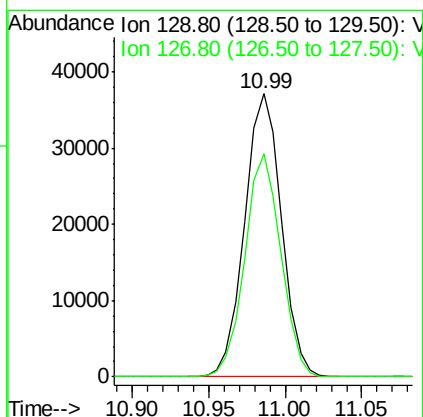
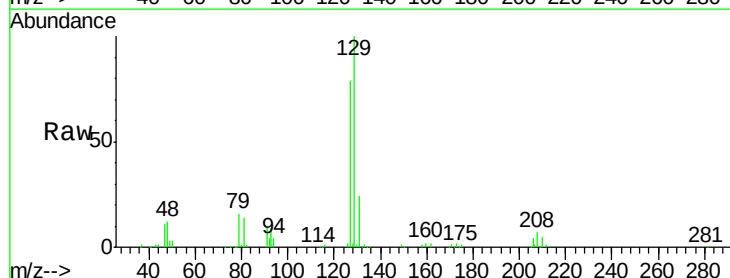
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

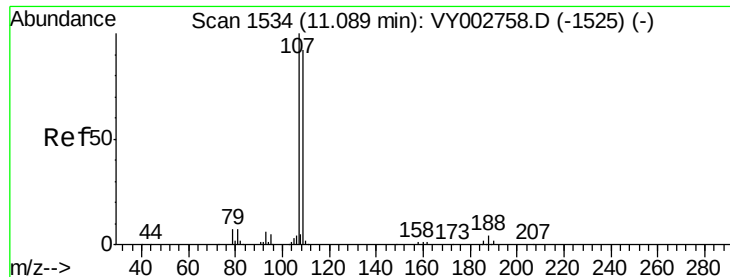
Tgt Ion: 43 Resp: 147406
Ion Ratio Lower Upper
43 100
58 59.8 29.5 88.5



#60
Dibromochloromethane
Concen: 21.41 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion: 129 Resp: 62016
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

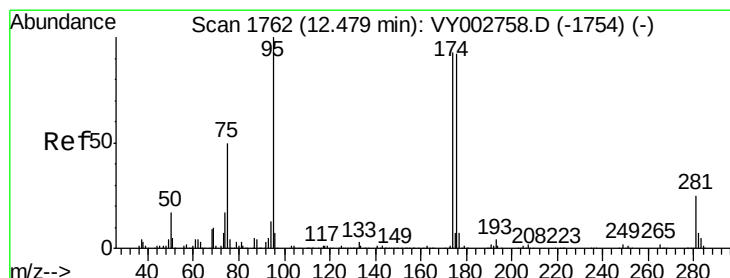
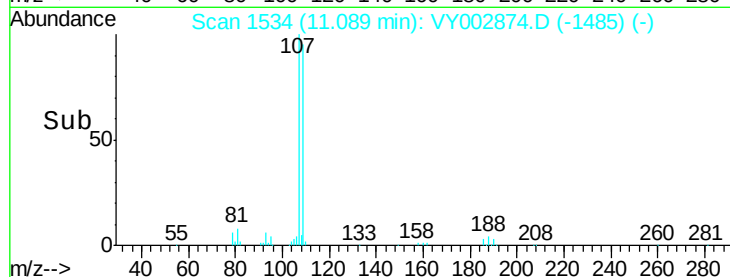
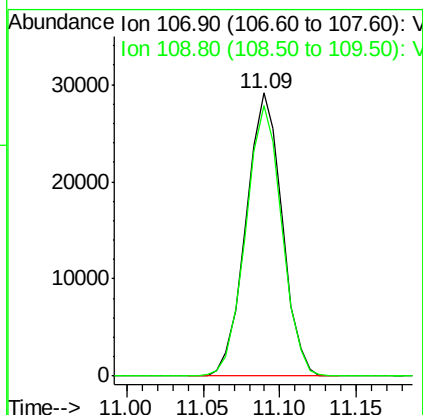
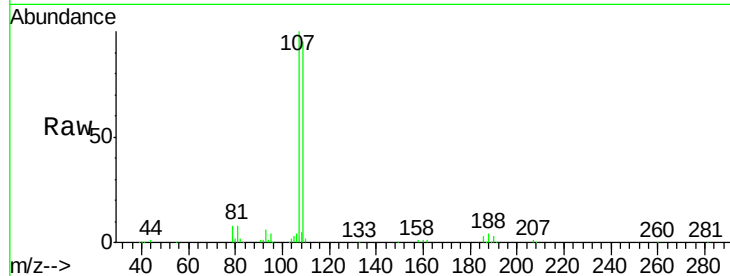




#61
 1,2-Dibromoethane
 Concen: 21.17 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

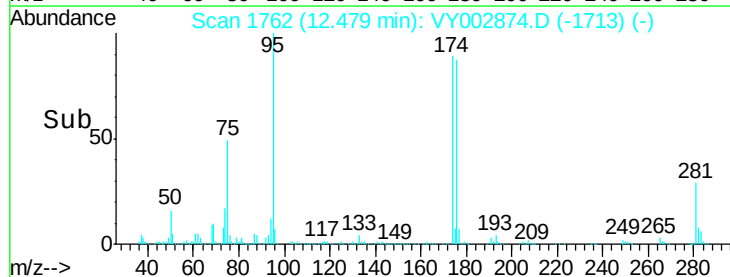
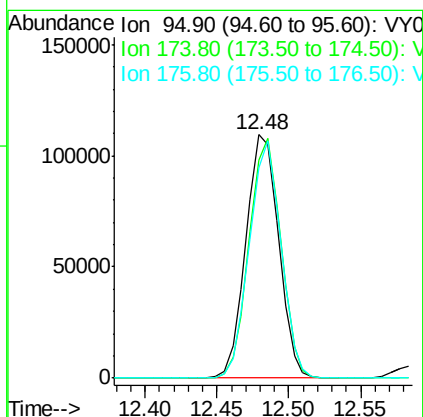
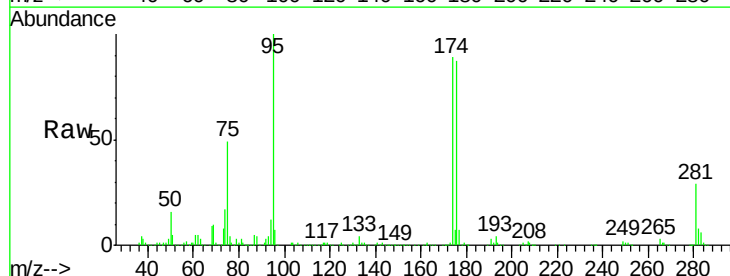
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

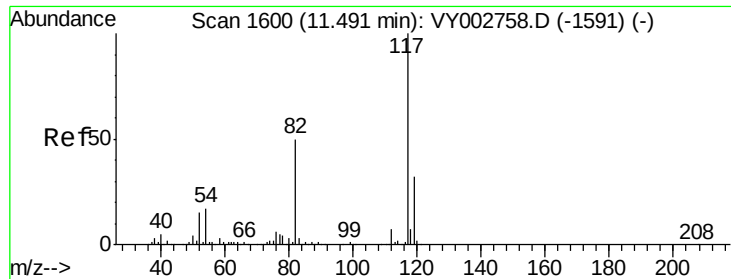
Tgt Ion: 107 Resp: 47715
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.38 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion: 95 Resp: 171720
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 191.2
 176 94.4 0.0 188.8

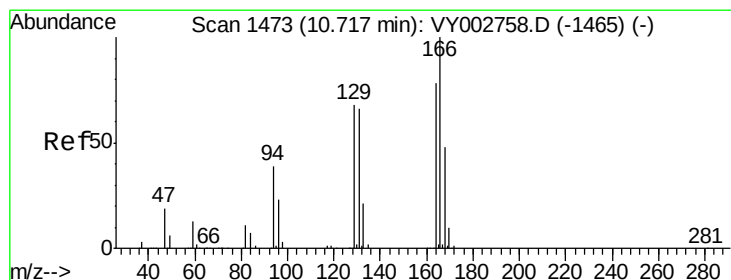
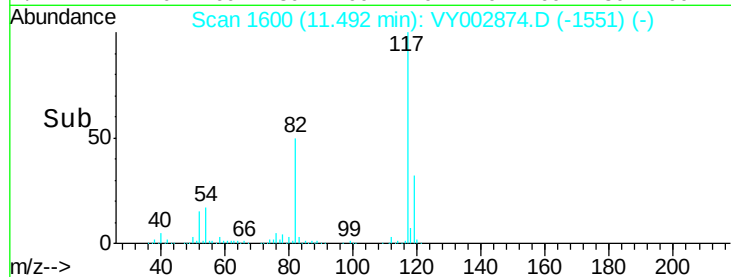
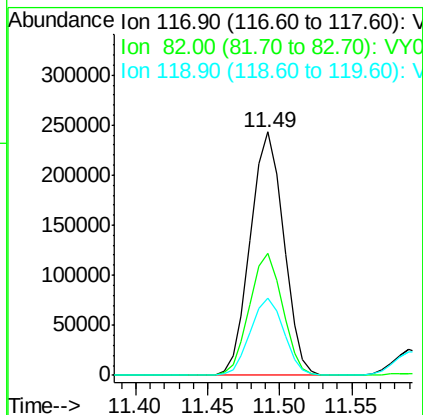
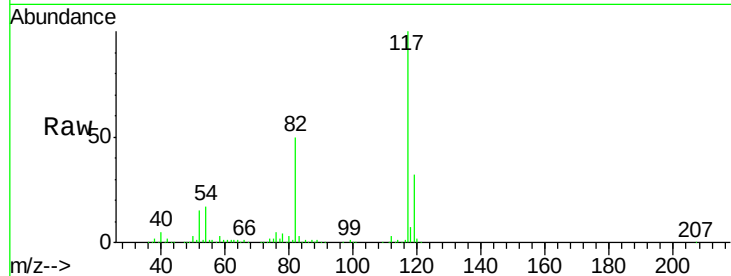




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

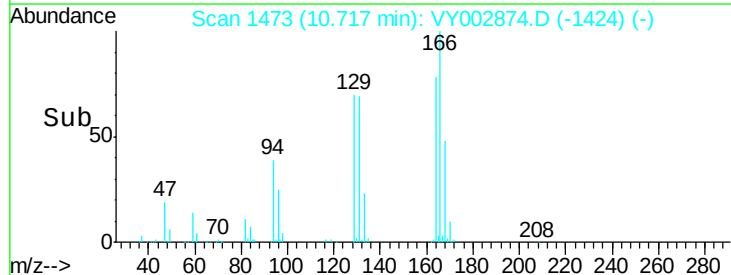
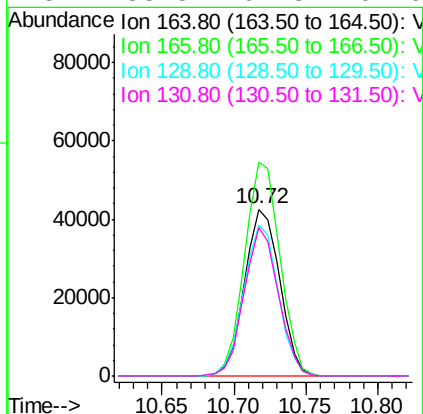
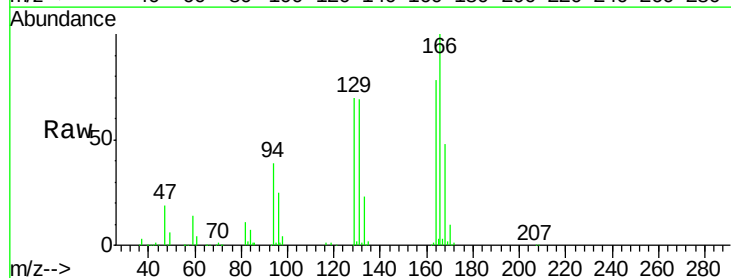
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

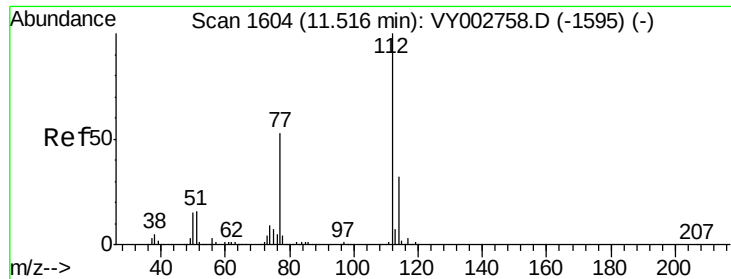
Tgt Ion:117 Resp: 389752
Ion Ratio Lower Upper
117 100
82 50.1 40.2 60.4
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 20.28 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion:164 Resp: 71830
Ion Ratio Lower Upper
164 100
166 128.2 102.3 153.5
129 90.3 69.4 104.2
131 88.8 67.8 101.6

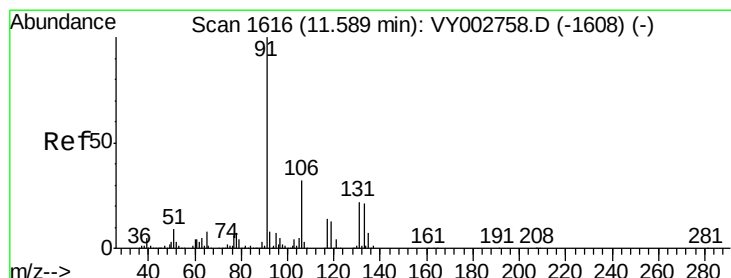
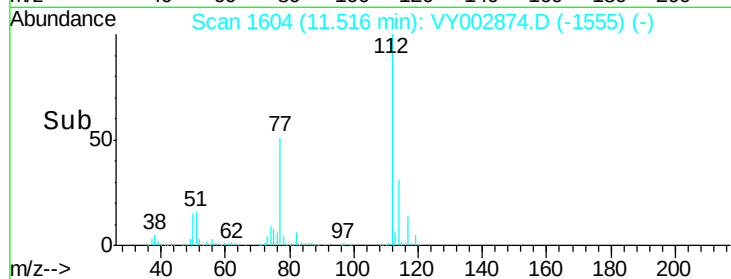
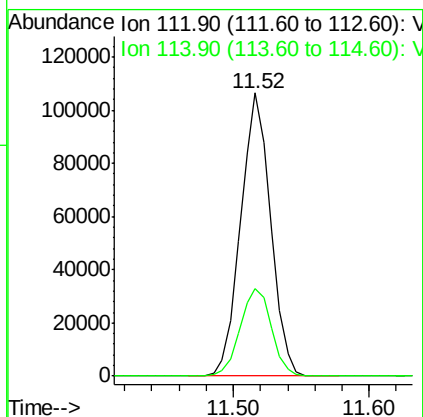
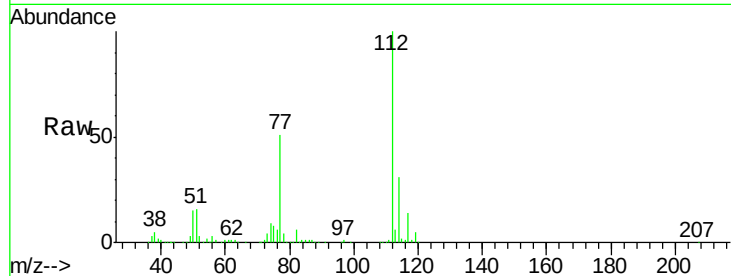




#65
Chlorobenzene
Concen: 21.24 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

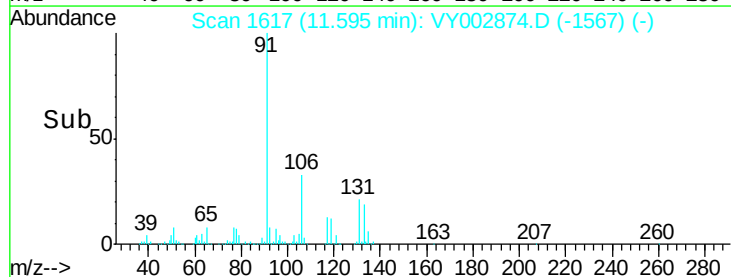
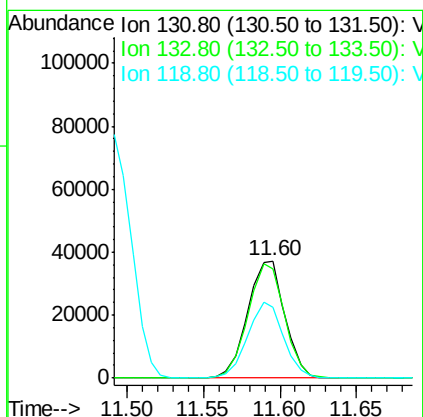
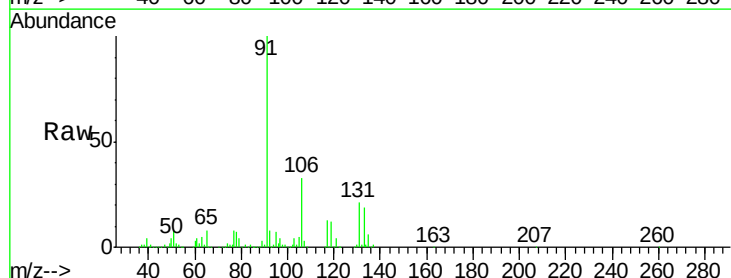
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

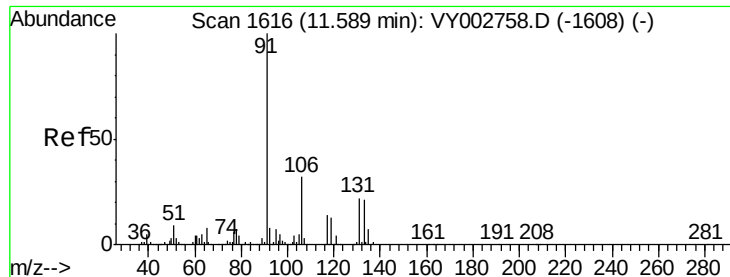
Tgt Ion:112 Resp: 163616
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.72 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion:131 Resp: 63011
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 62.3 31.7 95.1

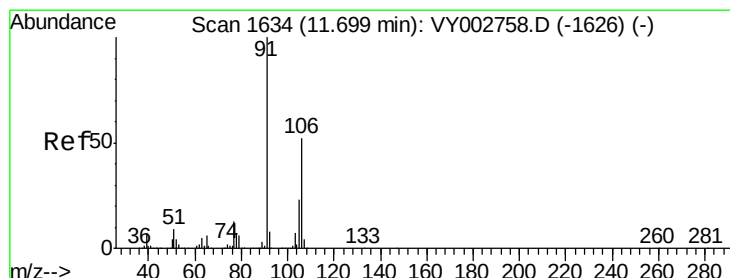
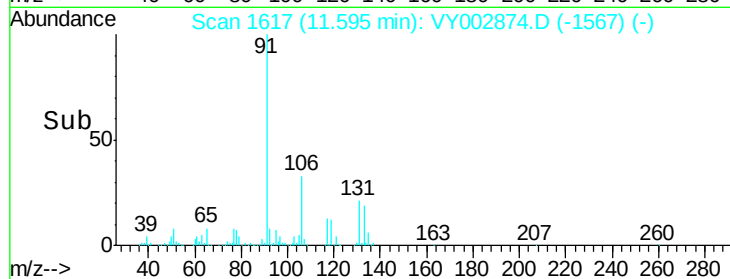
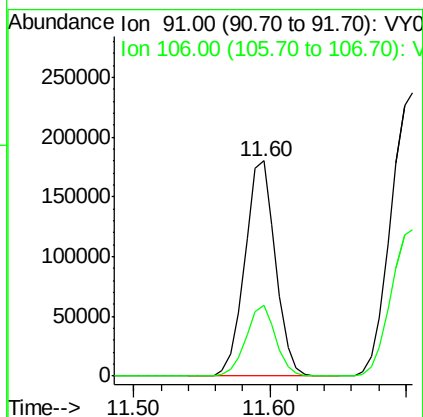
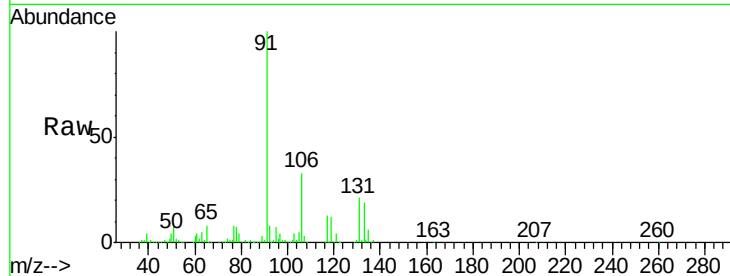




#67
Ethyl Benzene
Concen: 21.11 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

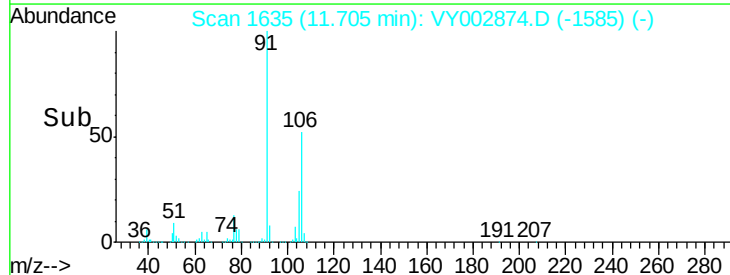
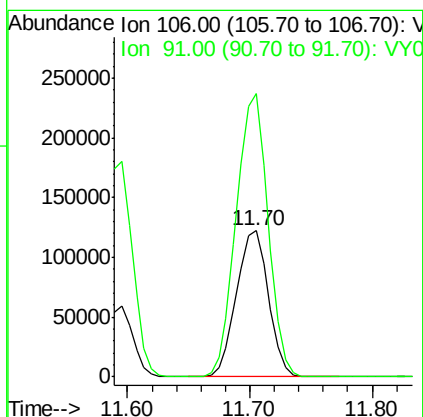
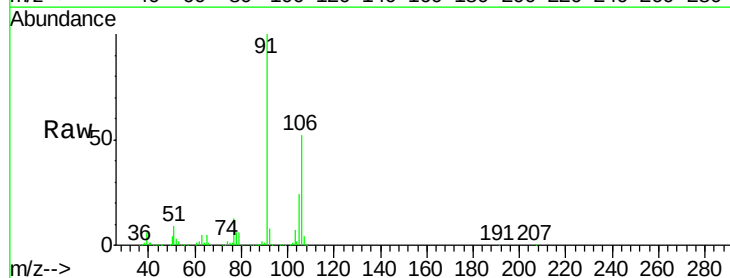
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

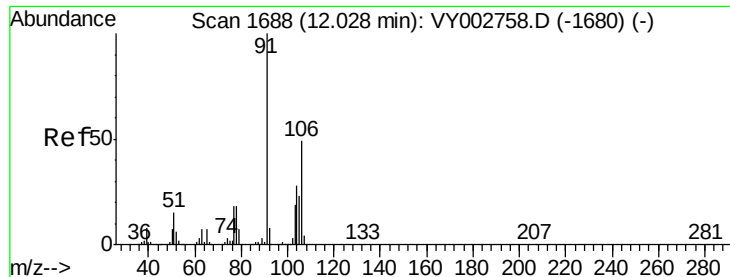
Tgt Ion: 91 Resp: 281969
Ion Ratio Lower Upper
91 100
106 32.7 25.7 38.5



#68
m/p-Xylenes
Concen: 42.78 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion: 106 Resp: 221536
Ion Ratio Lower Upper
106 100
91 193.2 156.0 234.0

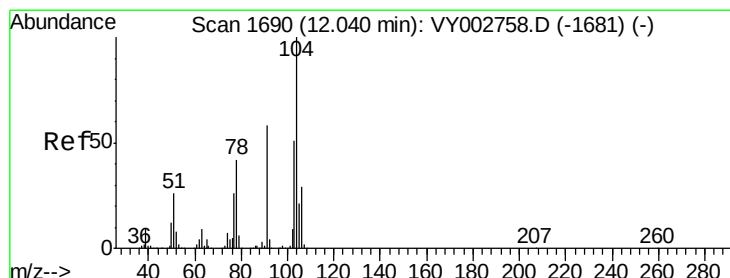
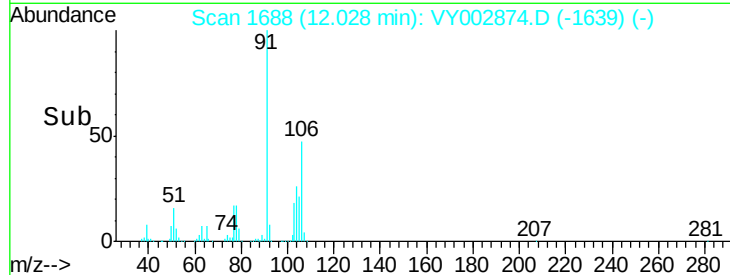
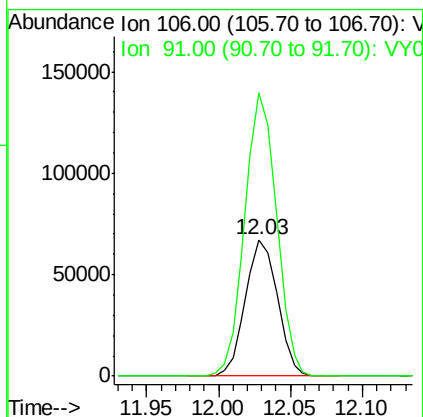
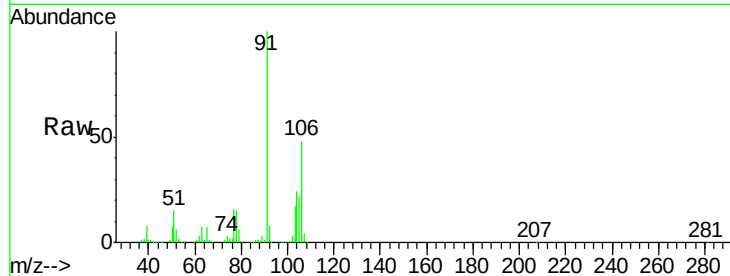




#69
o-Xylene
Concen: 21.29 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

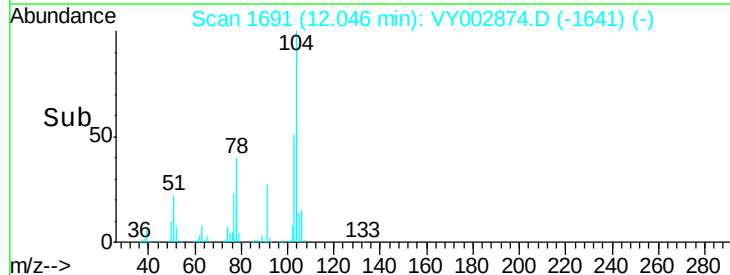
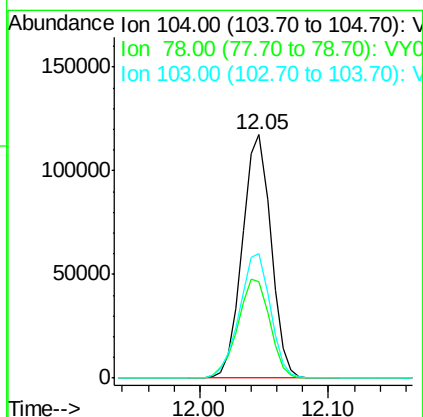
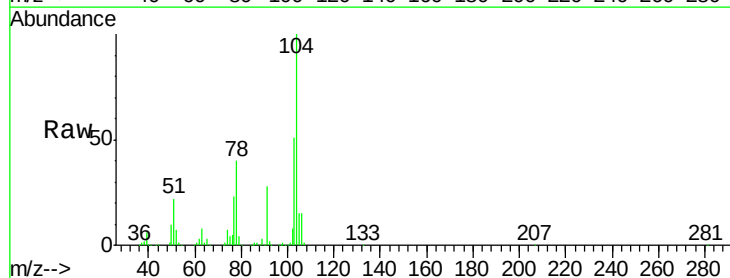
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

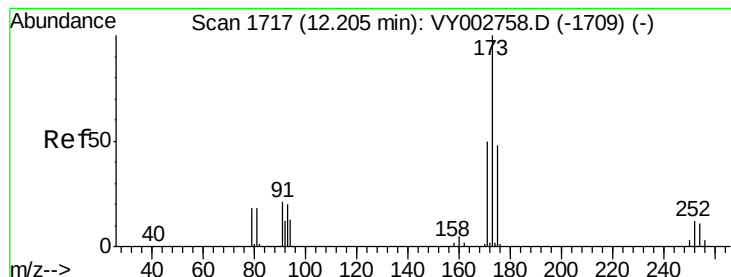
Tgt Ion:106 Resp: 104087
Ion Ratio Lower Upper
106 100
91 205.0 102.4 307.1



#70
Styrene
Concen: 21.33 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion:104 Resp: 180747
Ion Ratio Lower Upper
104 100
78 45.6 36.2 54.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 21.96 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

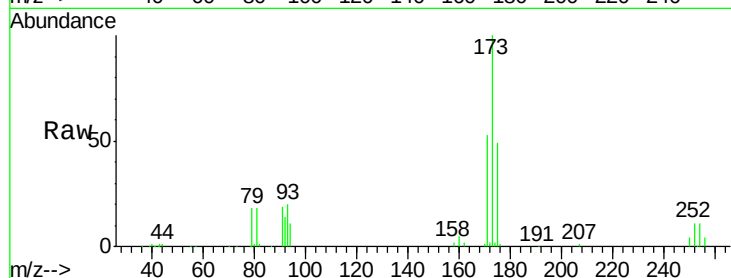
Tgt Ion:173 Resp: 42625

Ion Ratio Lower Upper

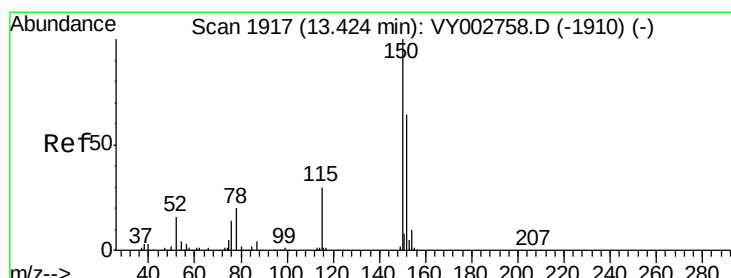
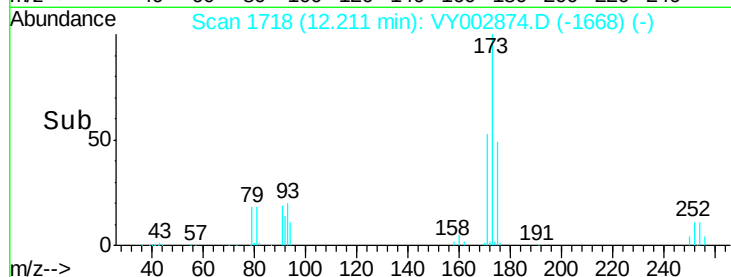
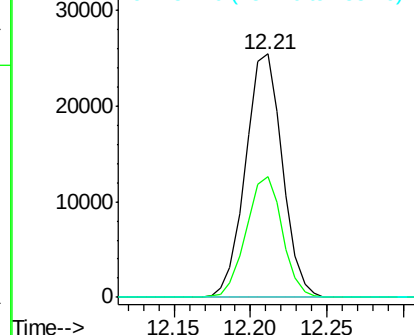
173 100

175 48.5 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

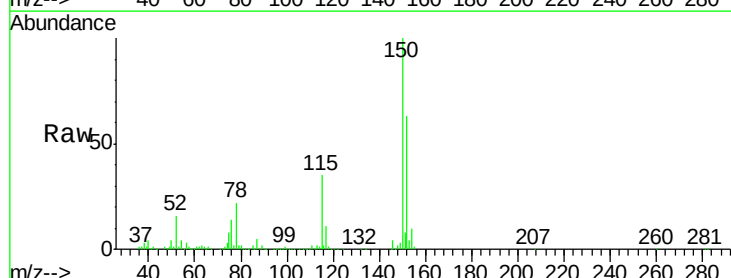
Tgt Ion:152 Resp: 211716

Ion Ratio Lower Upper

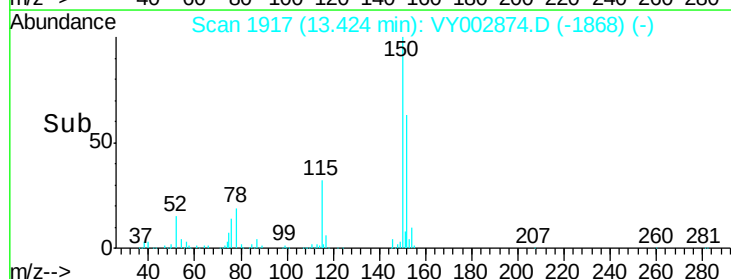
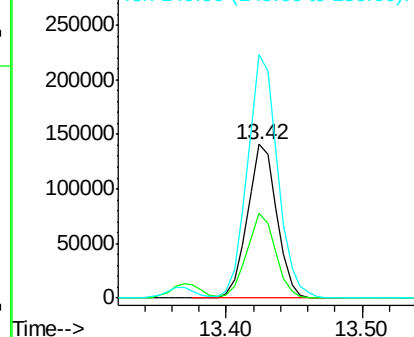
152 100

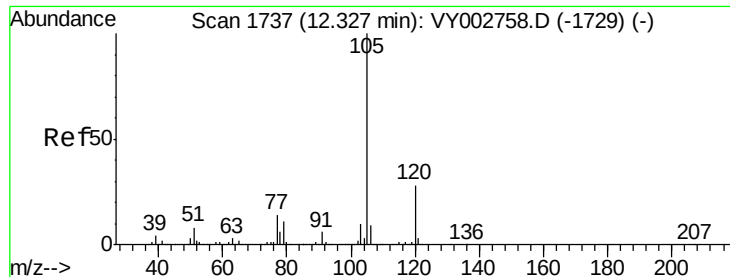
115 53.7 27.0 81.0

150 163.8 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: 21.14 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

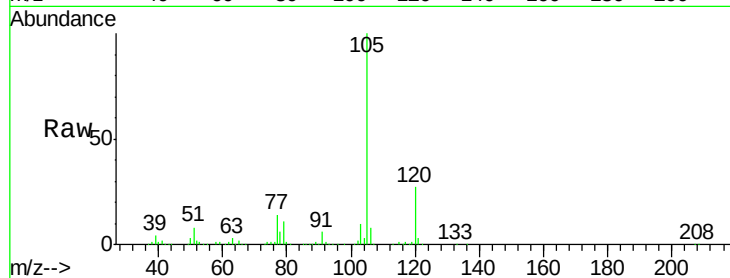
VY0610SBS01

Tgt Ion:105 Resp: 286805

Ion Ratio Lower Upper

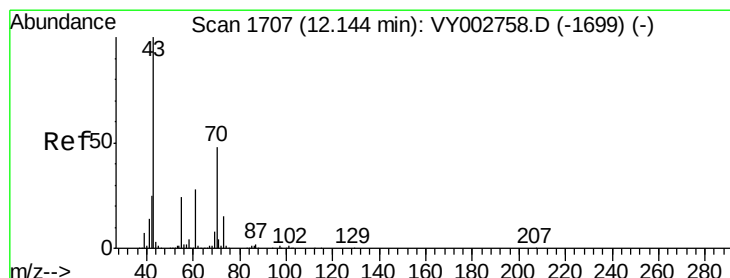
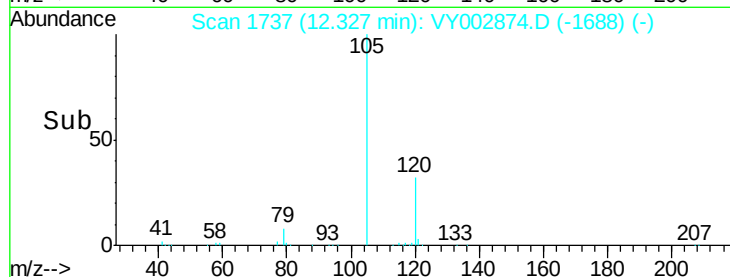
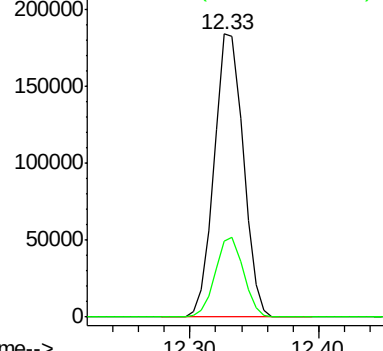
105 100

120 27.3 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: 21.07 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Tgt Ion: 43 Resp: 73342

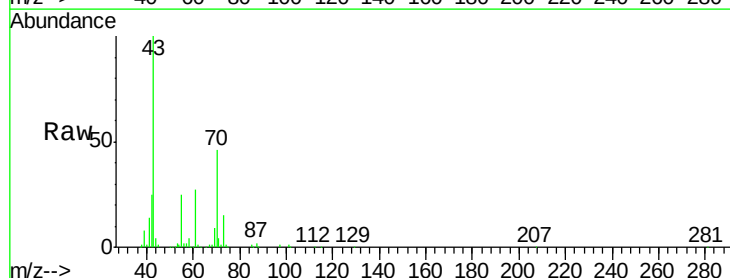
Ion Ratio Lower Upper

43 100

70 48.1 37.7 56.5

55 25.7 19.8 29.6

61 27.0 21.7 32.5

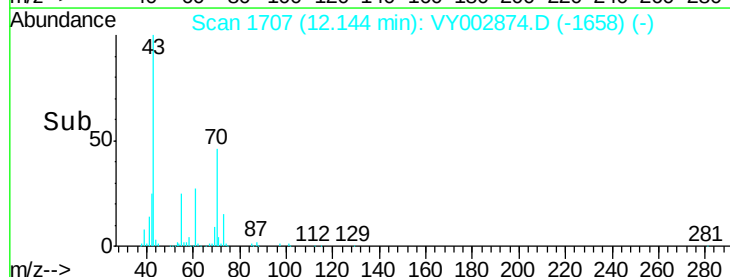
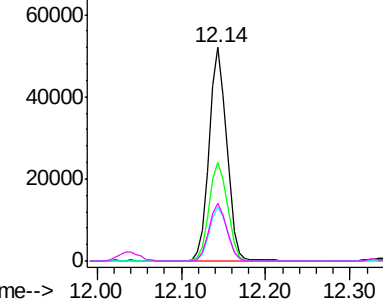


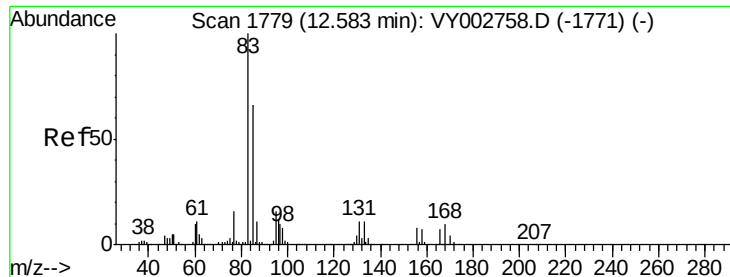
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 22.62 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

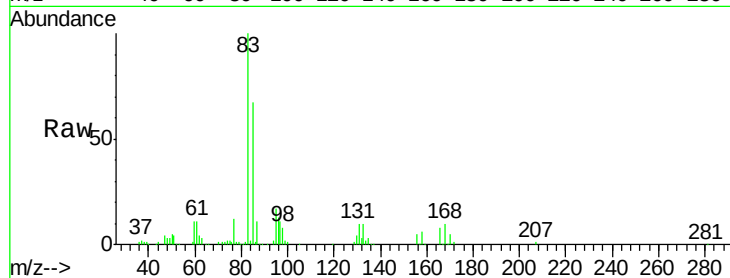
Tgt Ion: 83 Resp: 53854

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

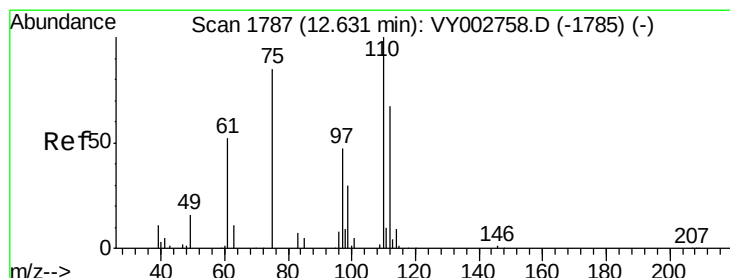
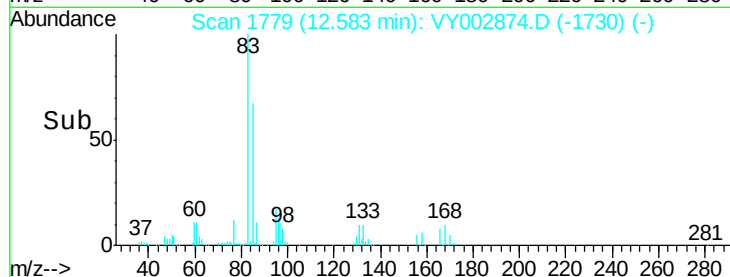
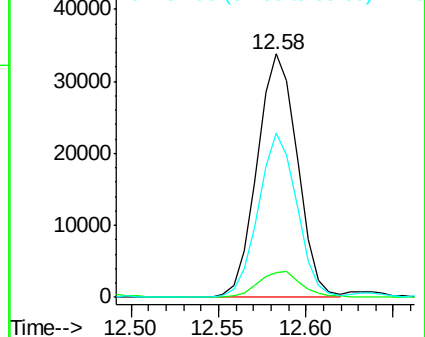
85 65.0 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 40.26 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002874.D

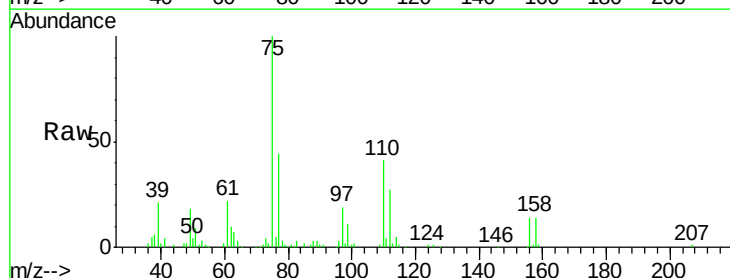
Acq: 10 Jun 2020 11:20

Tgt Ion: 75 Resp: 76813

Ion Ratio Lower Upper

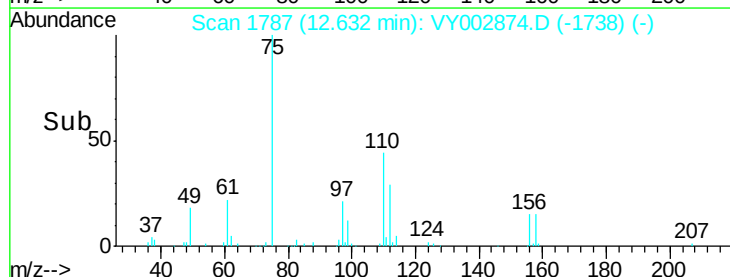
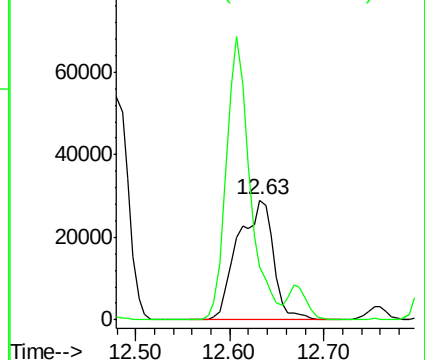
75 100

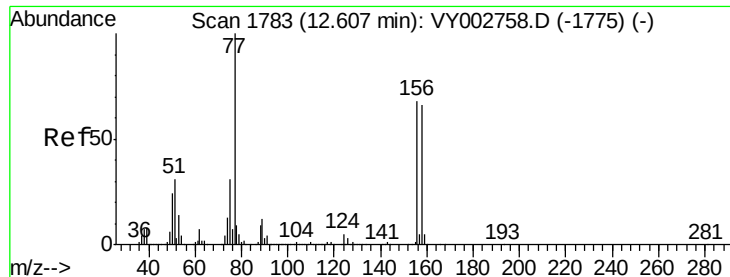
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.11 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

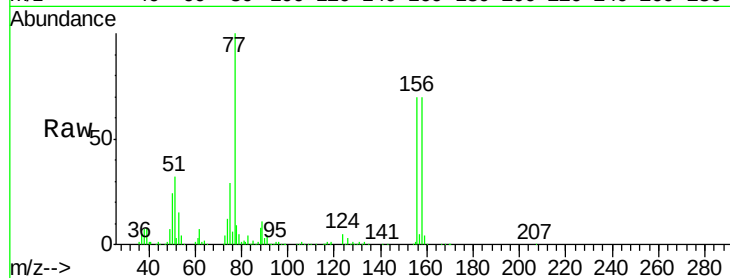
Tgt Ion:156 Resp: 74575

Ion Ratio Lower Upper

156 100

77 162.1 81.4 244.2

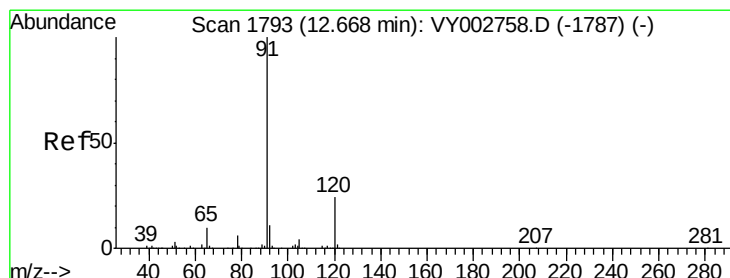
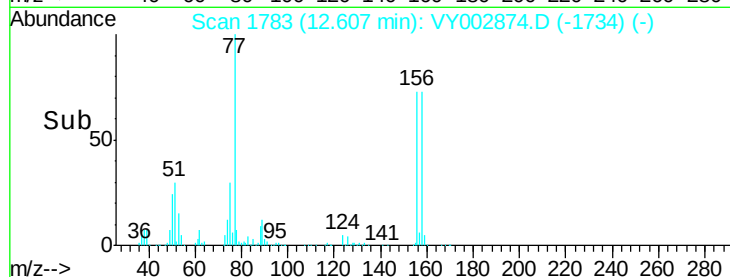
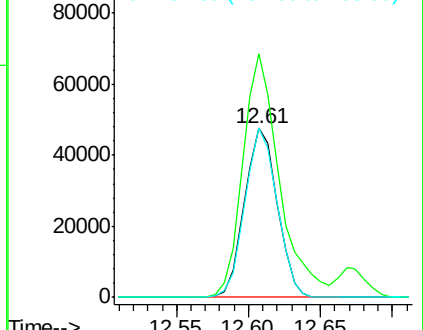
158 98.4 48.5 145.6



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: 21.25 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002874.D

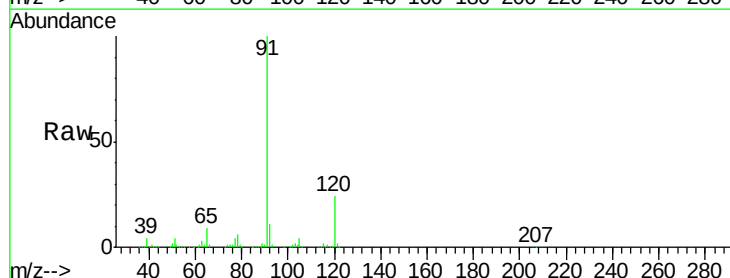
Acq: 10 Jun 2020 11:20

Tgt Ion: 91 Resp: 333043

Ion Ratio Lower Upper

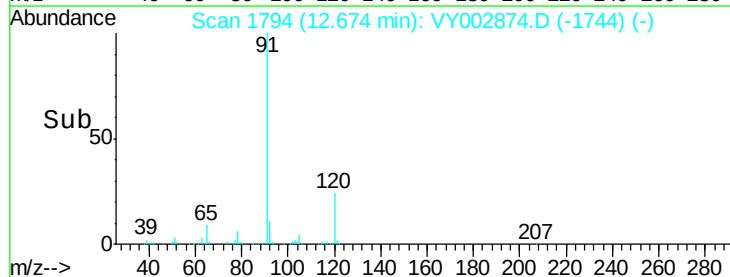
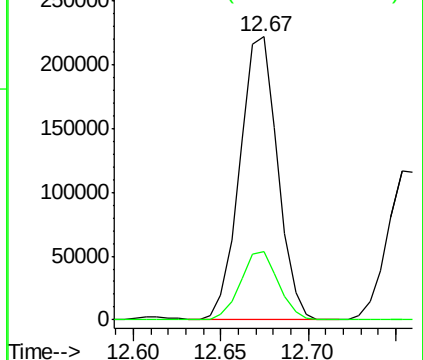
91 100

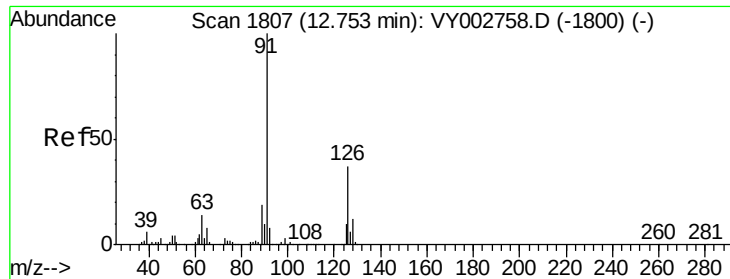
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.05 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

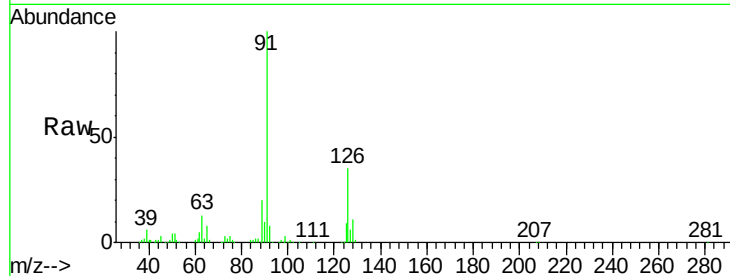
VY0610SBS01

Tgt Ion: 91 Resp: 185057

Ion Ratio Lower Upper

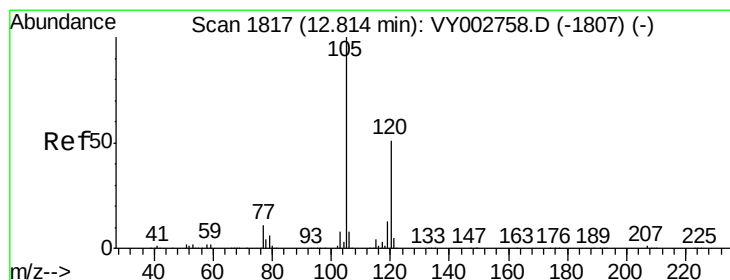
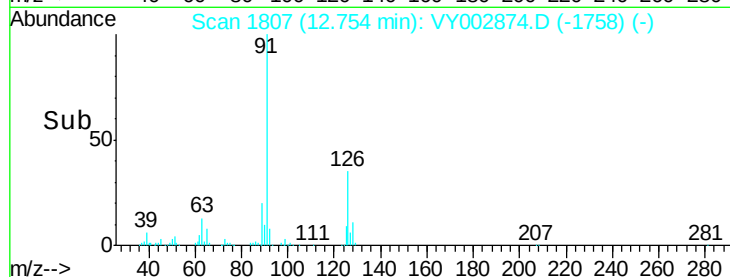
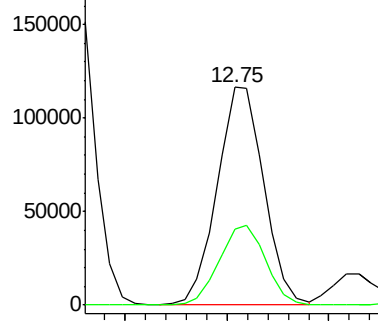
91 100

126 36.5 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.34 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002874.D

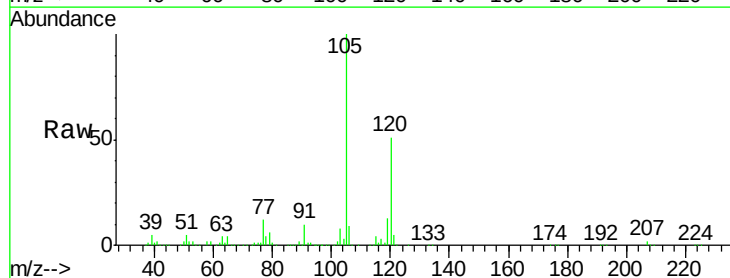
Acq: 10 Jun 2020 11:20

Tgt Ion: 105 Resp: 241734

Ion Ratio Lower Upper

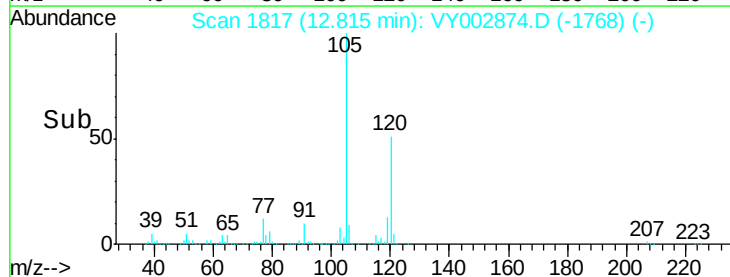
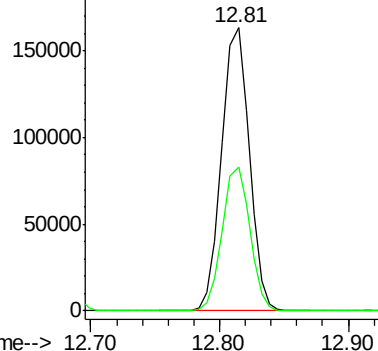
105 100

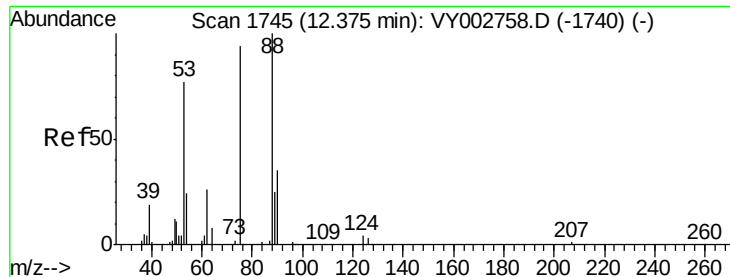
120 50.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.27 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

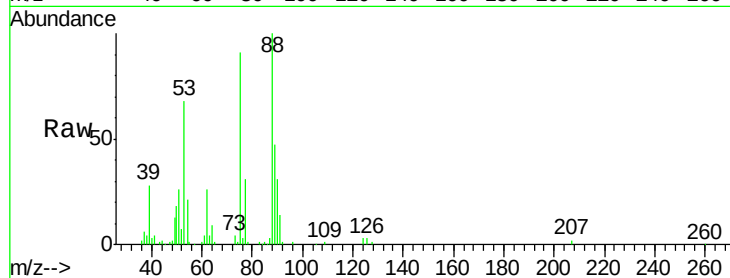
Tgt Ion: 75 Resp: 21538

Ion Ratio Lower Upper

75 100

53 80.6 64.0 96.0

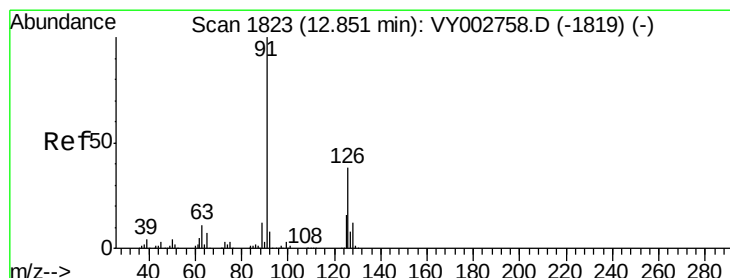
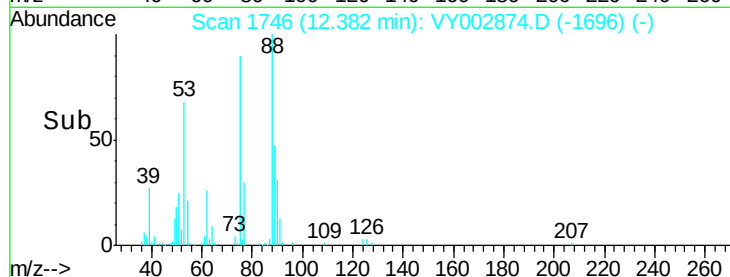
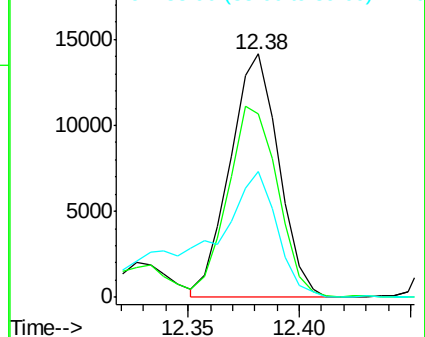
89 82.0 37.4 56.2#



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: 21.37 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002874.D

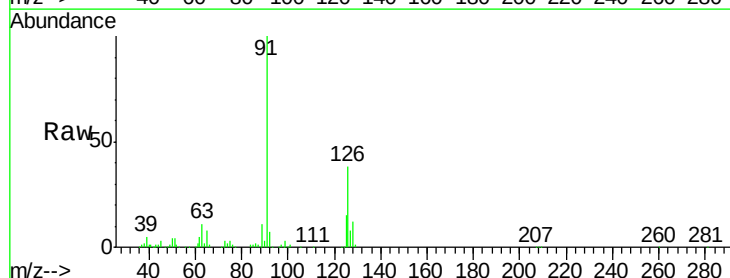
Acq: 10 Jun 2020 11:20

Tgt Ion: 91 Resp: 196871

Ion Ratio Lower Upper

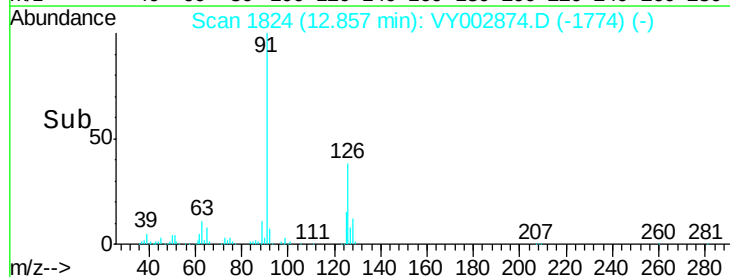
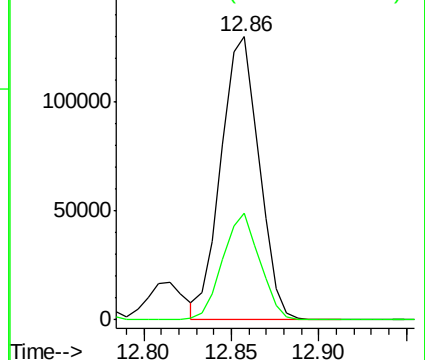
91 100

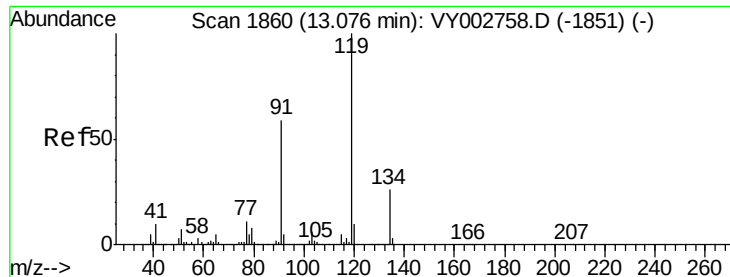
126 36.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

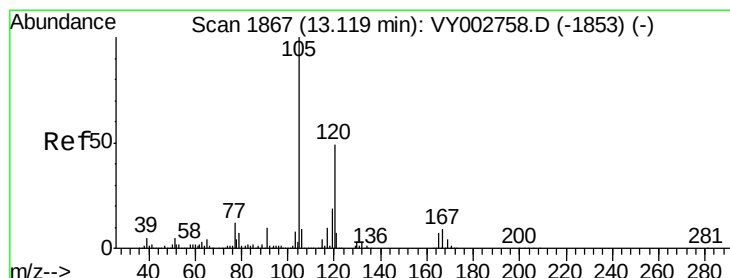
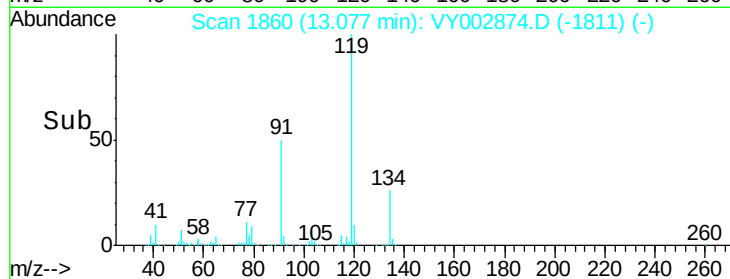
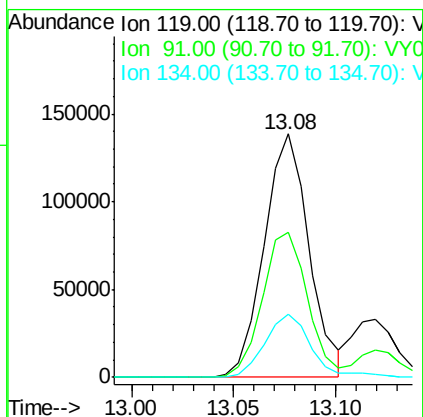
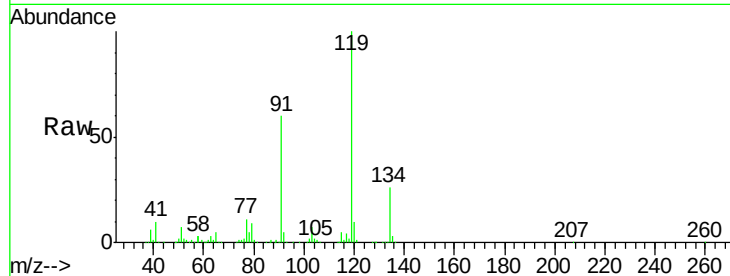




#83
 tert-Butylbenzene
 Concen: 21.07 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

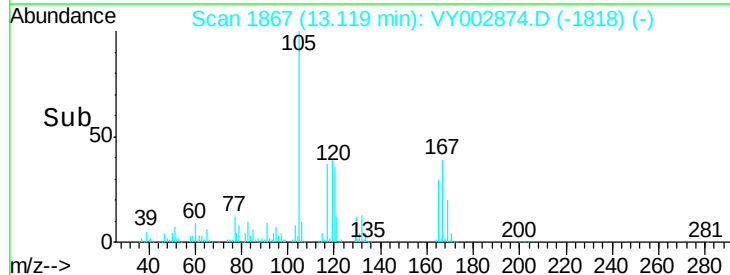
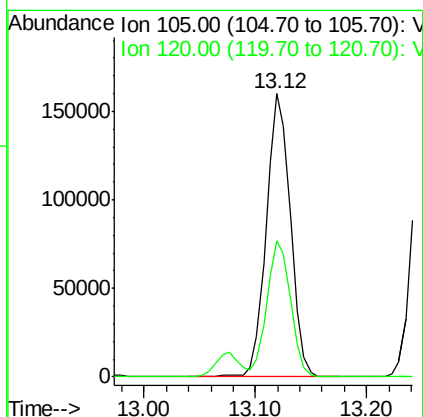
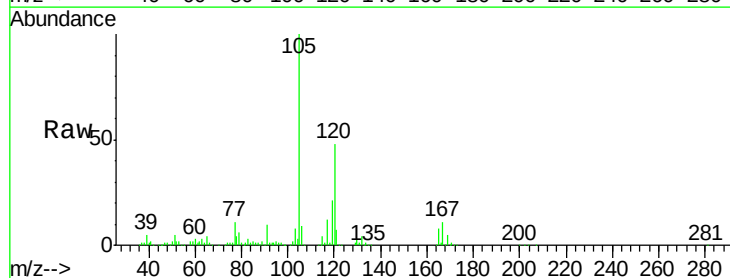
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

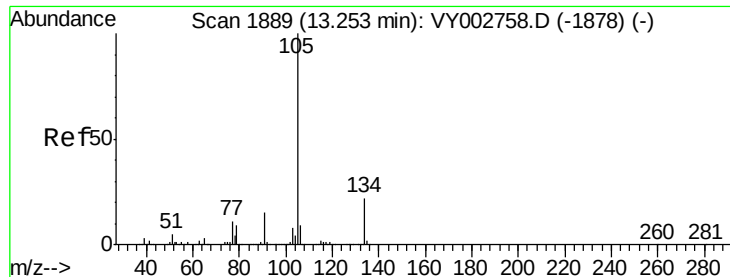
Tgt Ion:119 Resp: 212886
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.8 89.4
 134 27.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.19 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion:105 Resp: 241370
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8

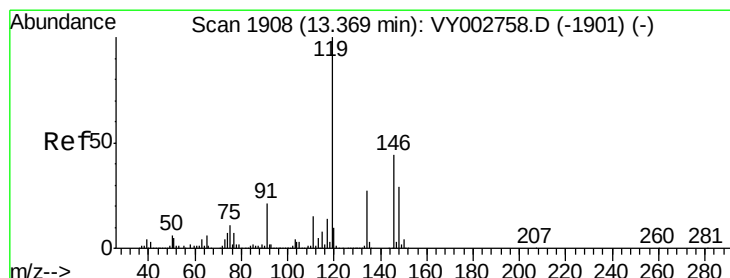
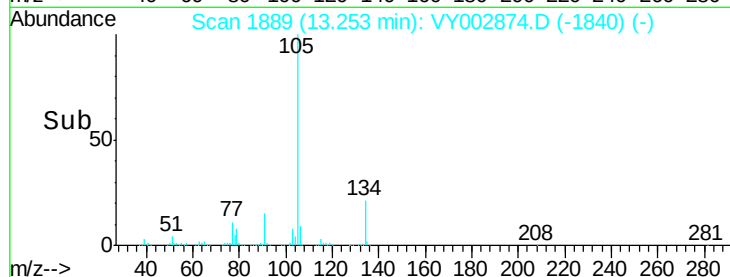
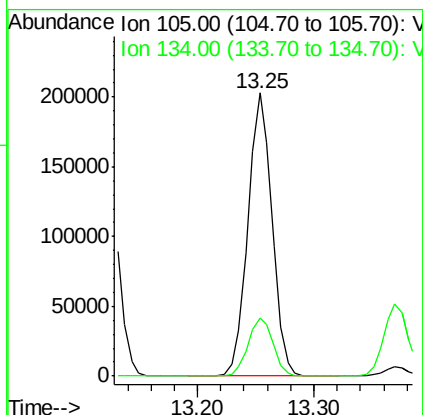
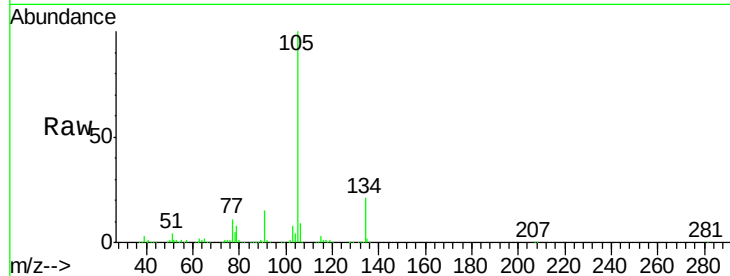




#85
 sec-Butylbenzene
 Concen: 21.27 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

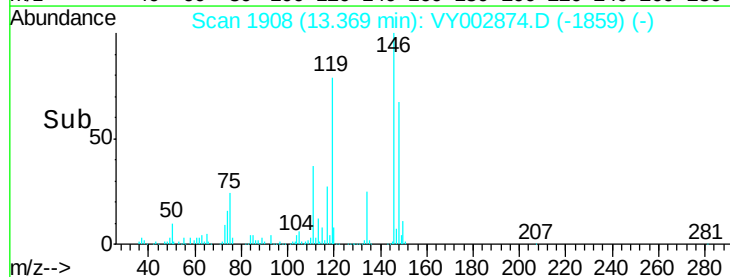
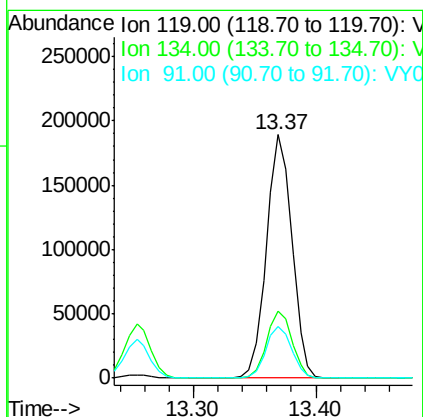
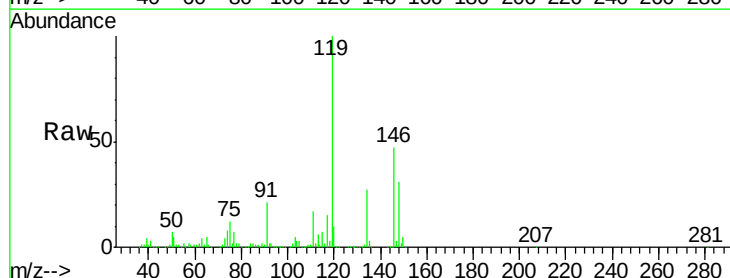
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

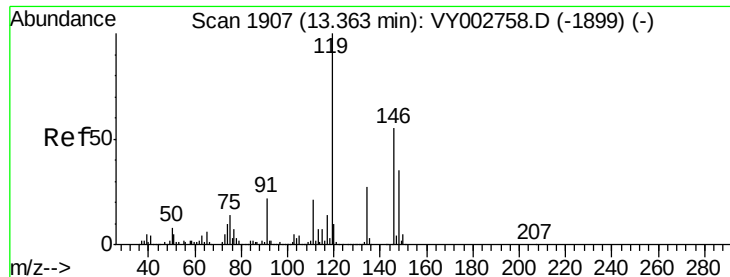
Tgt Ion:105 Resp: 293884
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 21.38 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion:119 Resp: 274883
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.7 41.0
 91 21.3 10.8 32.4

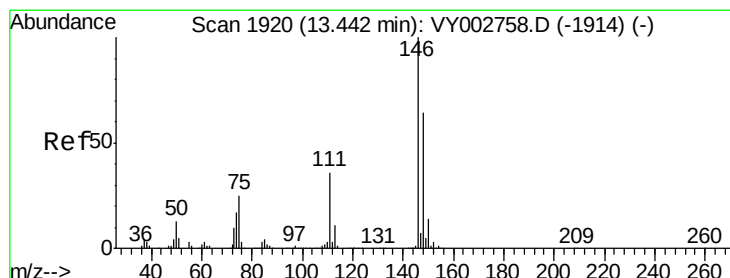
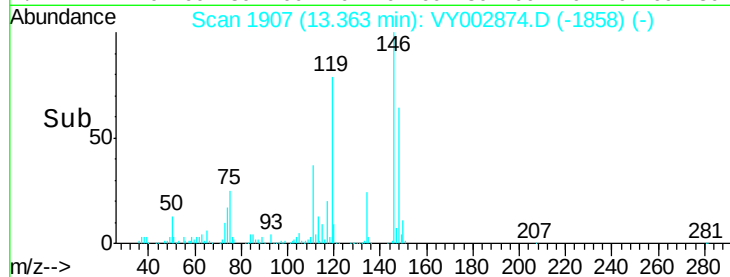
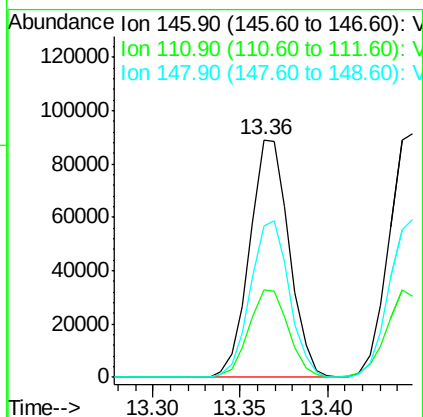
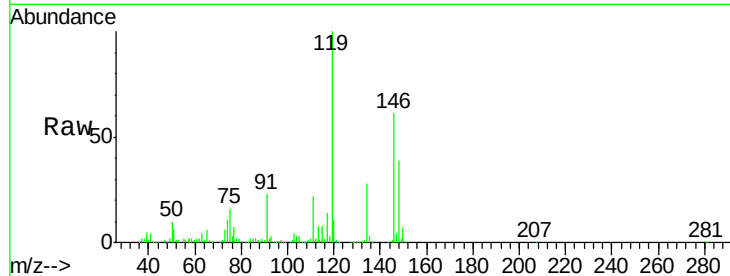




#87
 1,3-Dichlorobenzene
 Concen: 21.01 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

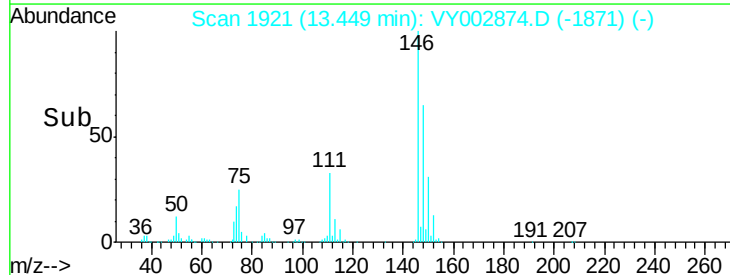
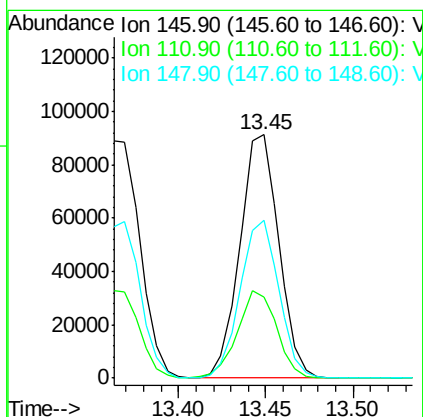
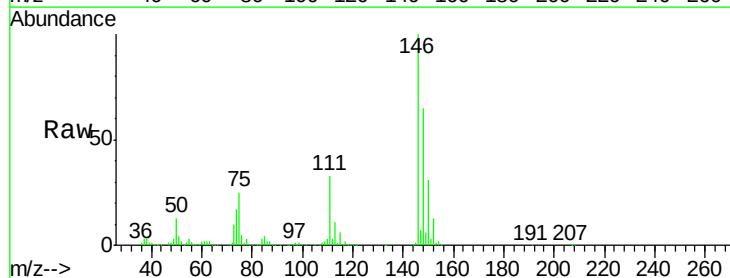
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

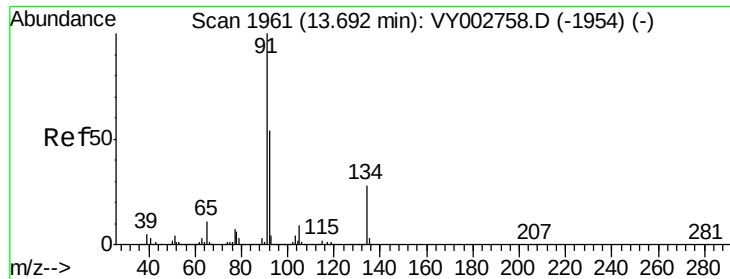
Tgt Ion:146 Resp: 140590
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.0
 148 65.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.25 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion:146 Resp: 142247
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.3
 148 64.6 32.1 96.3





#89

n-Butylbenzene

Concen: 21.26 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

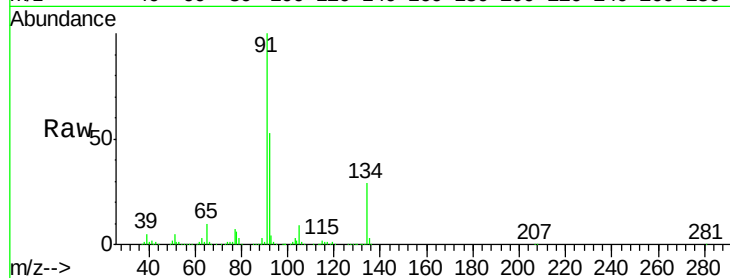
Tgt Ion: 91 Resp: 248199

Ion Ratio Lower Upper

91 100

92 53.7 27.1 81.2

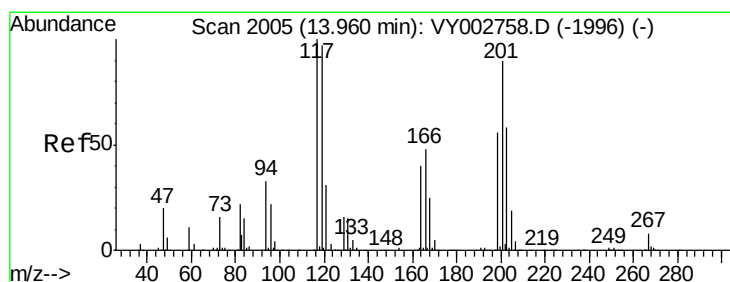
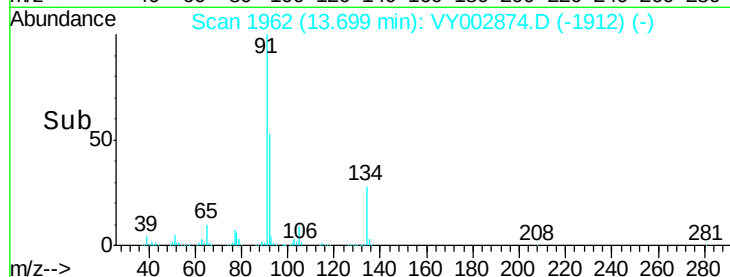
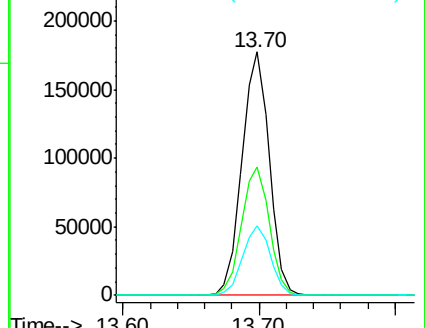
134 29.2 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.32 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002874.D

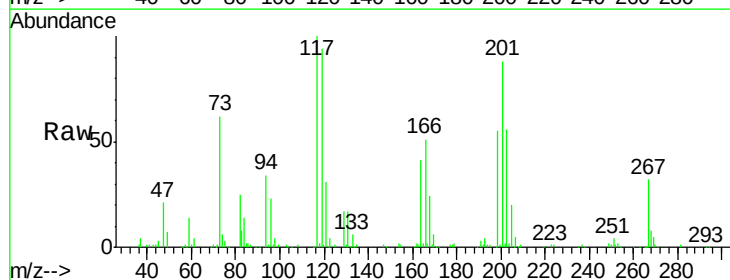
Acq: 10 Jun 2020 11:20

Tgt Ion: 117 Resp: 51315

Ion Ratio Lower Upper

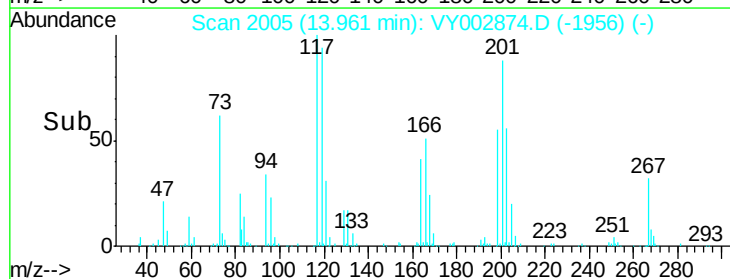
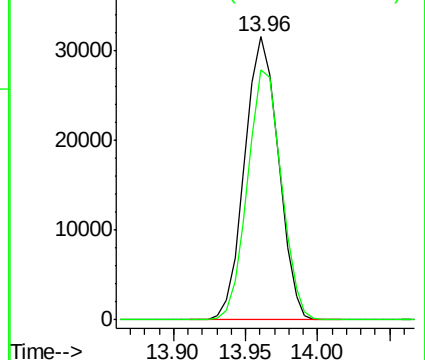
117 100

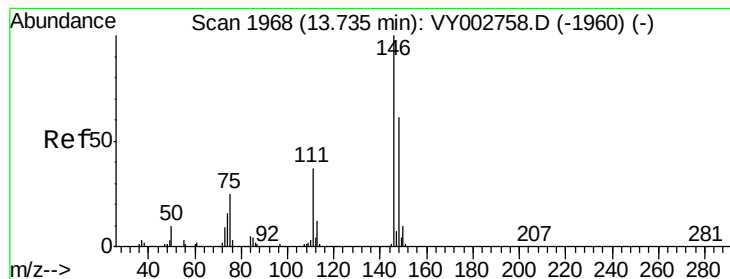
201 88.0 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.20 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

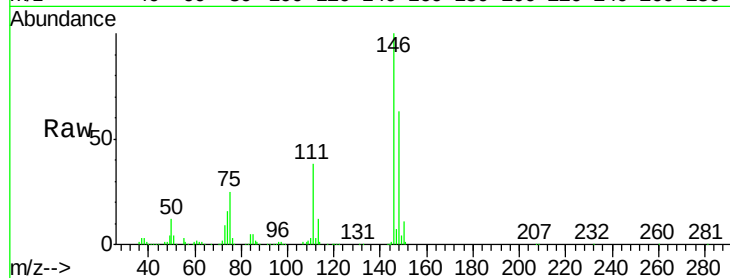
Tgt Ion:146 Resp: 128690

Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.9

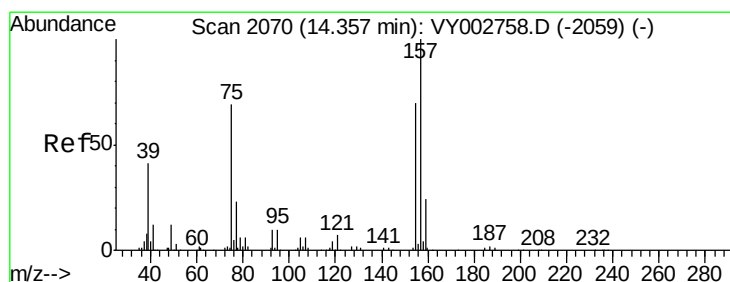
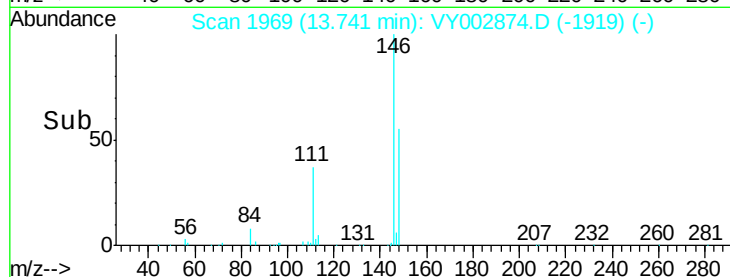
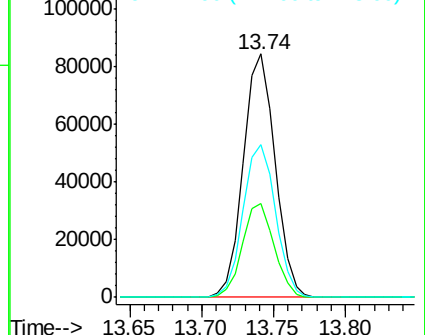
148 64.3 31.9 95.5



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: 21.71 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002874.D

Acq: 10 Jun 2020 11:20

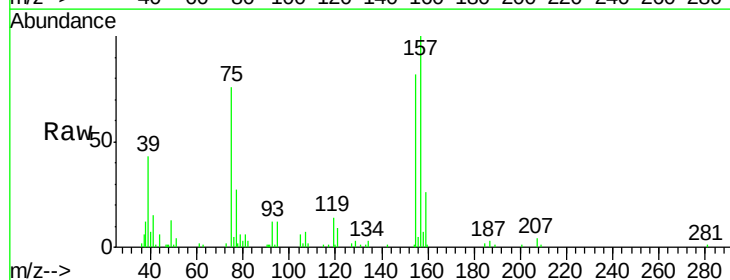
Tgt Ion: 75 Resp: 9941

Ion Ratio Lower Upper

75 100

155 106.4 53.5 160.5

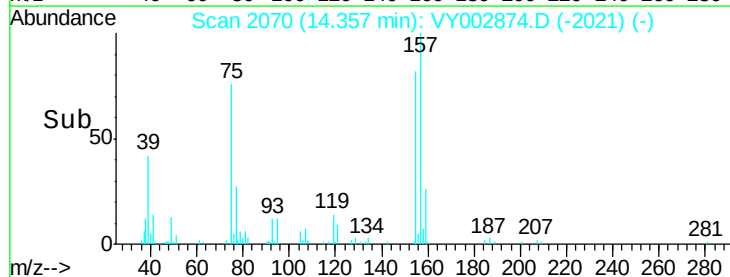
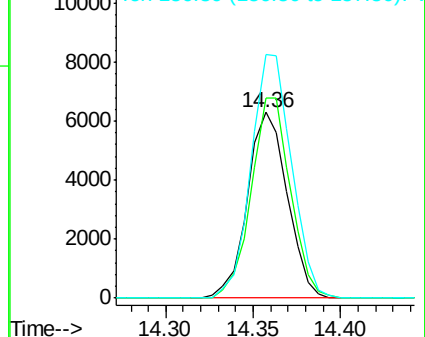
157 133.5 69.9 209.7

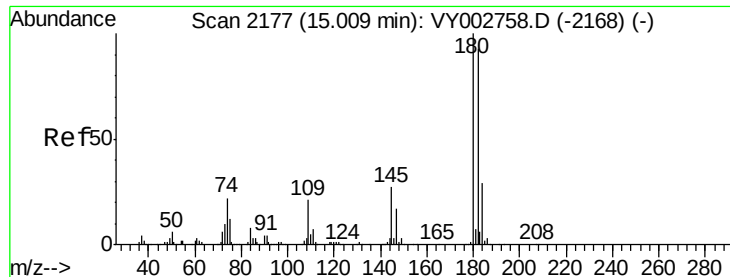


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

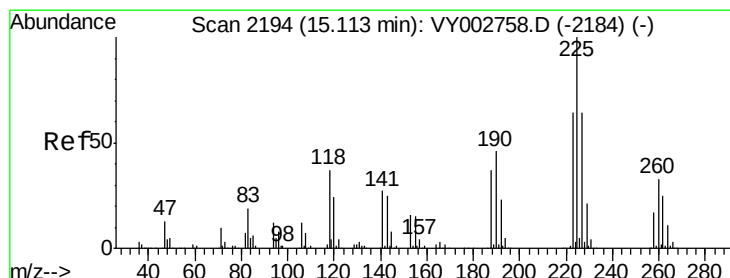
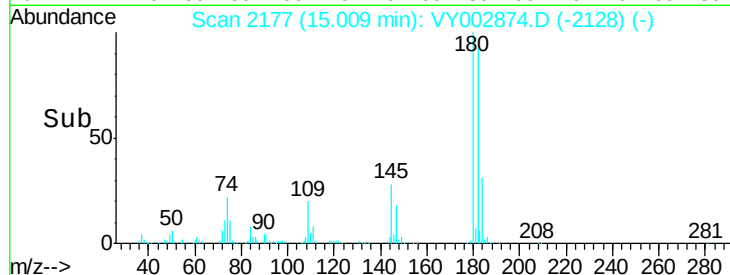
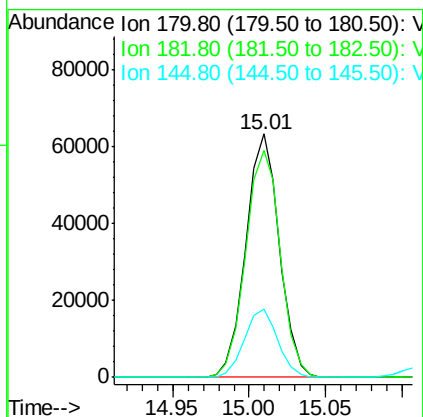
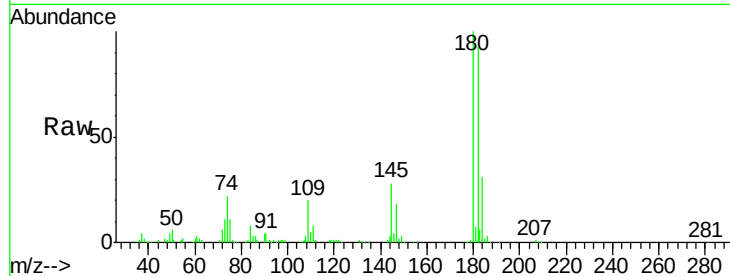




#93
 1,2,4-Trichlorobenzene
 Concen: 21.04 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

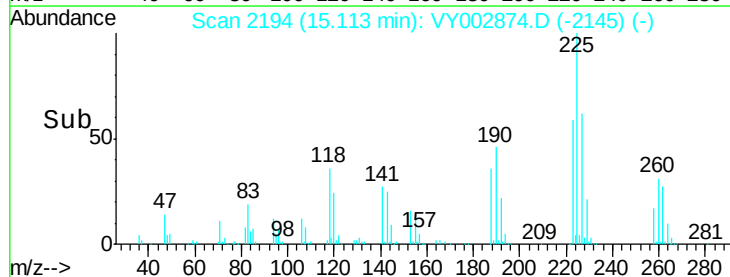
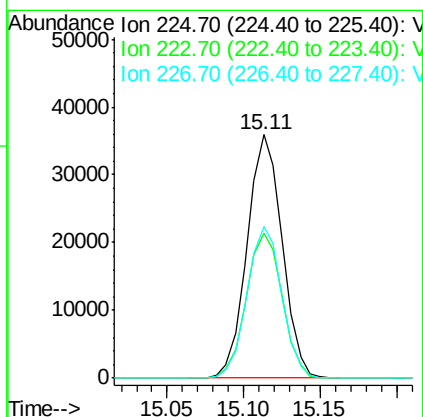
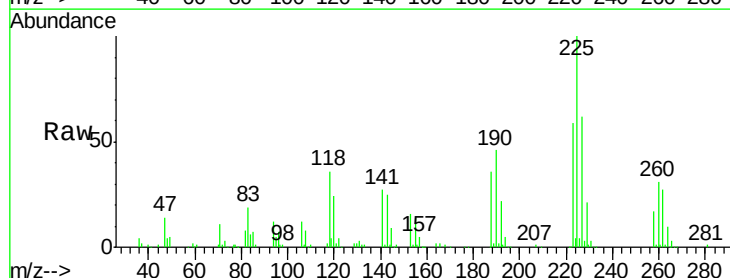
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

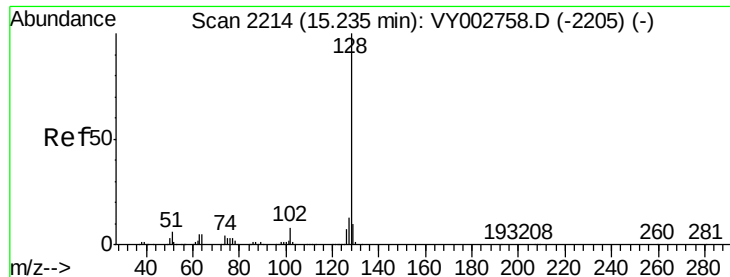
Tgt Ion:180 Resp: 96262
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 141.9
 145 27.8 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 22.03 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002874.D
 Acq: 10 Jun 2020 11:20

Tgt Ion:225 Resp: 57153
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.6 95.0
 227 61.8 32.3 96.9

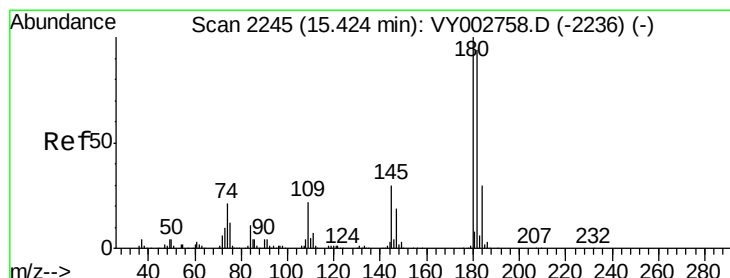
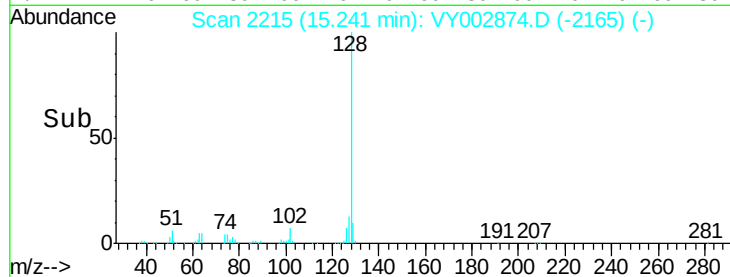
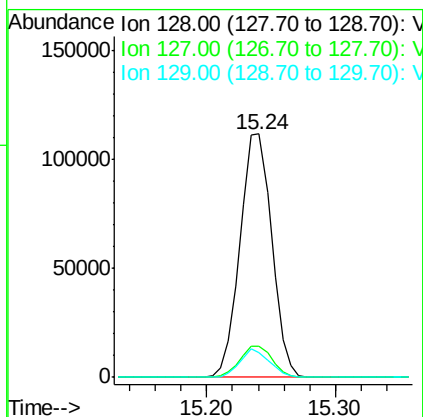
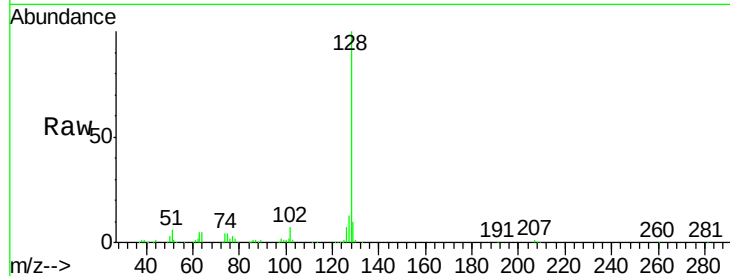




#95
Naphthalene
Concen: 20.77 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion:128 Resp: 190479
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.14 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002874.D
Acq: 10 Jun 2020 11:20

Tgt Ion:180 Resp: 86368
Ion Ratio Lower Upper
180 100
182 93.8 48.1 144.4
145 30.0 15.1 45.3

