

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
 Data File : VY002804.D
 Acq On : 01 Jun 2020 12:51
 Operator : SY/MD
 Sample : VY0601SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

Quant Time: Jun 01 18:19:38 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	287309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	421687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	215439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	125571	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	7.72	113	126288	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.18	98	502307	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.49	95	174546	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	44288	22.403	ug/l	98
3) Chloromethane	2.12	50	49445	22.612	ug/l	98
4) Vinyl Chloride	2.26	62	53226	23.029	ug/l	98
5) Bromomethane	2.65	94	37981	21.929	ug/l	99
6) Chloroethane	2.80	64	32663	21.800	ug/l	99
7) Trichlorofluoromethane	3.13	101	89299	21.815	ug/l	96
8) Diethyl Ether	3.54	74	30996	19.392	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	53104	21.850	ug/l	98
10) Methyl Iodide	4.10	142	68101	20.025	ug/l	99
11) Tert butyl alcohol	4.99	59	28023	96.684	ug/l	98
12) 1,1-Dichloroethene	3.88	96	53316	21.813	ug/l	97
13) Acrolein	3.74	56	28240	96.599	ug/l	97
14) Allyl chloride	4.49	41	74411	21.227	ug/l	100
15) Acrylonitrile	5.18	53	77191	107.050	ug/l	99
16) Acetone	3.96	43	61270	104.742	ug/l	98
17) Carbon Disulfide	4.20	76	154238	20.883	ug/l	100
18) Methyl Acetate	4.49	43	34527	23.000	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	141766	21.010	ug/l	100
20) Methylene Chloride	4.72	84	65043	22.753	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	56902	20.701	ug/l	96
22) Diisopropyl ether	6.13	45	153500	21.072	ug/l	95
23) Vinyl Acetate	6.07	43	509990	106.038	ug/l	100
24) 1,1-Dichloroethane	6.03	63	90169	21.160	ug/l	99
25) 2-Butanone	7.00	43	93664	102.773	ug/l	99
26) 2,2-Dichloropropane	6.99	77	86280	21.111	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	63655	20.687	ug/l	99
28) Bromochloromethane	7.34	49	38047	21.749	ug/l	99
29) Tetrahydrofuran	7.36	42	62593	105.587	ug/l	98
30) Chloroform	7.52	83	96350	21.307	ug/l	100
31) Cyclohexane	7.79	56	87104	20.587	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	89121	21.150	ug/l	99
36) 1,1-Dichloropropene	7.93	75	74070	20.852	ug/l	98
37) Ethyl Acetate	7.08	43	42311	21.893	ug/l	99
38) Carbon Tetrachloride	7.91	117	84920	21.520	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	97828	20.894	ug/l	99
40) Benzene	8.17	78	221723	21.125	ug/l	97
41) Methacrylonitrile	7.33	41	23793m	22.916	ug/l	
42) 1,2-Dichloroethane	8.24	62	62781	21.343	ug/l	100
43) Isopropyl Acetate	8.28	43	78105	21.326	ug/l	99
44) Trichloroethene	8.94	130	70427	21.243	ug/l	98
45) 1,2-Dichloropropane	9.22	63	53333	21.189	ug/l	96
46) Dibromomethane	9.31	93	32177	21.525	ug/l	99
47) Bromodichloromethane	9.50	83	76005	21.568	ug/l	96
48) Methyl methacrylate	9.30	41	33799	20.443	ug/l	96
49) 1,4-Dioxane	9.31	88	9533	415.330	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	208492	107.507	ug/l	100
52) Toluene	10.25	92	145094	21.131	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	82904	21.538	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	93788	21.504	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	48302	21.106	ug/l	95
56) Ethyl methacrylate	10.51	69	63983	20.873	ug/l	99
57) 1,3-Dichloropropane	10.79	76	80436	21.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	154460	103.125	ug/l	98
59) 2-Hexanone	10.83	43	148996	108.282	ug/l	100
60) Dibromochloromethane	10.99	129	62734	21.621	ug/l	99
61) 1,2-Dibromoethane	11.09	107	47335	20.967	ug/l	99
64) Tetrachloroethene	10.72	164	75169	21.027	ug/l	96
65) Chlorobenzene	11.52	112	165550	21.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	62917	21.488	ug/l	99
67) Ethyl Benzene	11.60	91	283753	21.054	ug/l	99
68) m/p-Xylenes	11.70	106	222710	42.620	ug/l	99
69) o-Xylene	12.03	106	104745	21.233	ug/l	100
70) Styrene	12.05	104	181540	21.229	ug/l	100
71) Bromoform	12.21	173	42865	21.879	ug/l #	99
73) Isopropylbenzene	12.33	105	286693	20.766	ug/l	100
74) N-amyl acetate	12.14	43	72828	20.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	52358	21.614	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	36652m	18.881	ug/l	
77) Bromobenzene	12.61	156	74004	20.586	ug/l	100
78) n-propylbenzene	12.67	91	334442	20.971	ug/l	100
79) 2-Chlorotoluene	12.76	91	185631	20.750	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	244385	21.200	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21989	21.341	ug/l	99
82) 4-Chlorotoluene	12.86	91	196222	20.935	ug/l	99
83) tert-Butylbenzene	13.08	119	213293	20.743	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	243507	21.008	ug/l	99
85) sec-Butylbenzene	13.25	105	295569	21.022	ug/l	100
86) p-Isopropyltoluene	13.37	119	275524	21.061	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	140156	20.582	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	144085	21.152	ug/l	99
89) n-Butylbenzene	13.70	91	247902	20.872	ug/l	99
90) Hexachloroethane	13.96	117	51282	20.939	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	129138	20.911	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9834	21.101	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
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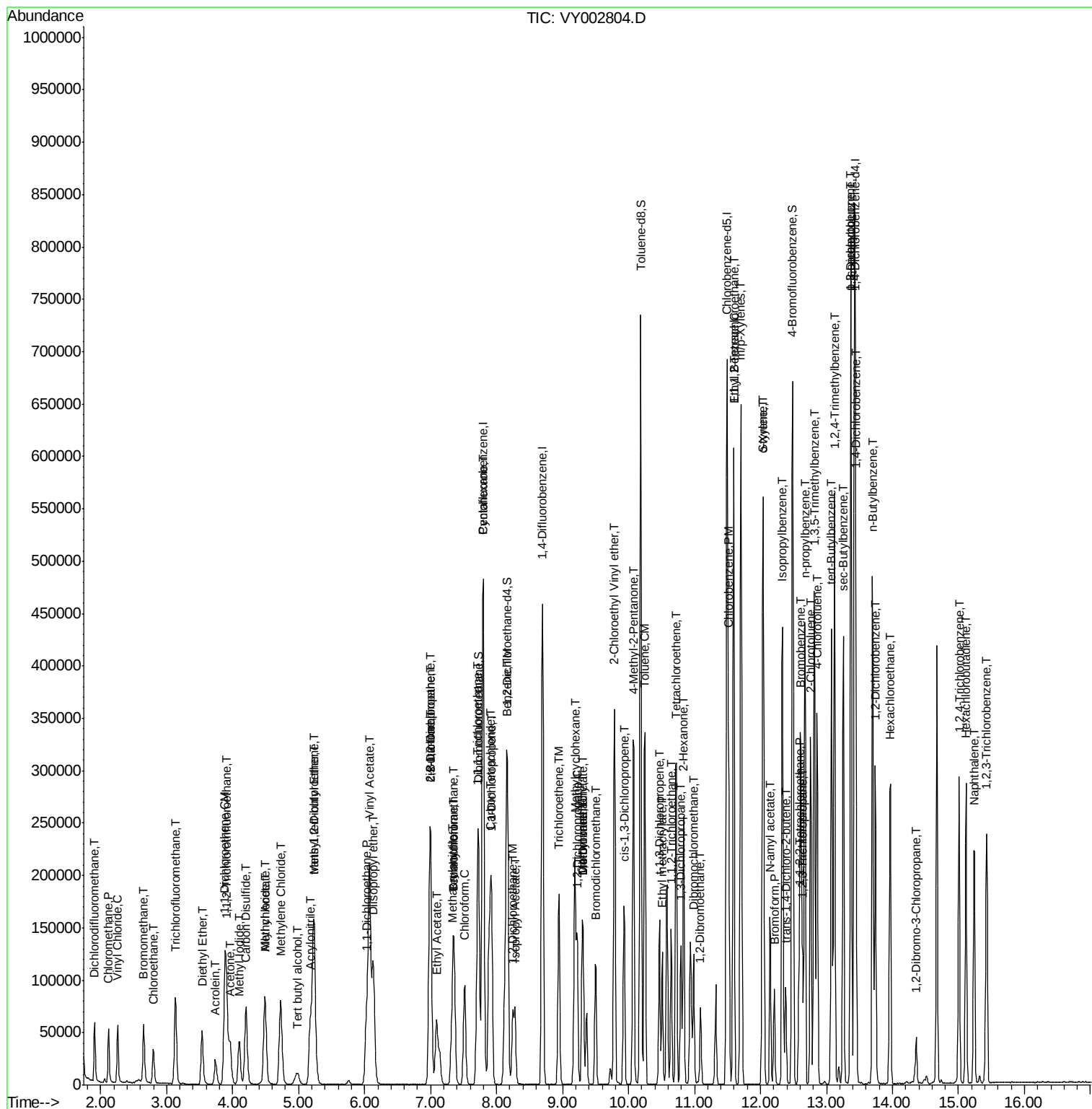
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	96104	20.646	ug/l	100
94) Hexachlorobutadiene	15.11	225	54997	20.831	ug/l	98
95) Naphthalene	15.24	128	192721	20.649	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	85651	20.605	ug/l	99

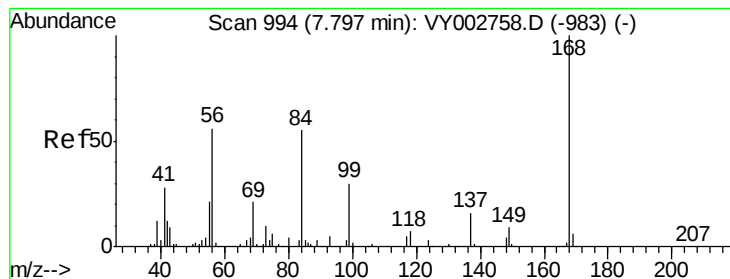
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

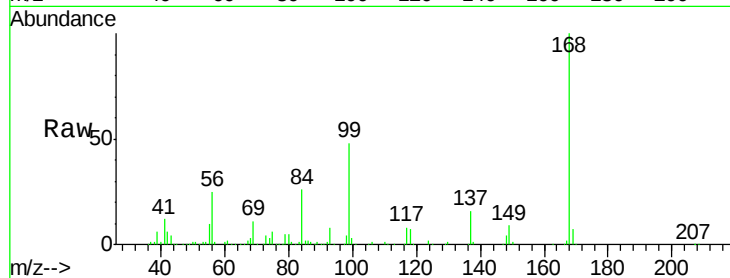
VY0601SBS01

Tot Ion:168 Resp: 287309

Ion Ratio Lower Upper

168 100

99 47.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002804.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002804.D (-945) (-)

7.80

150000

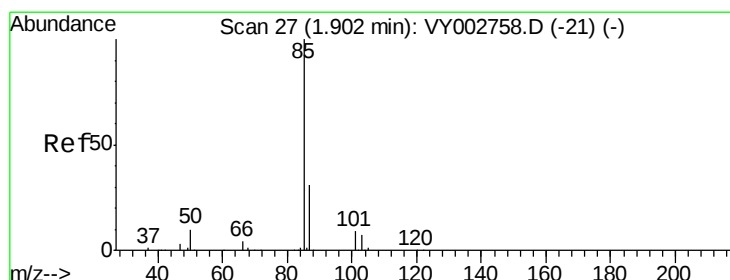
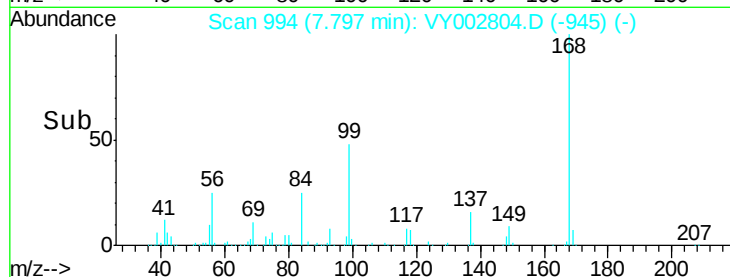
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.403 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002804.D

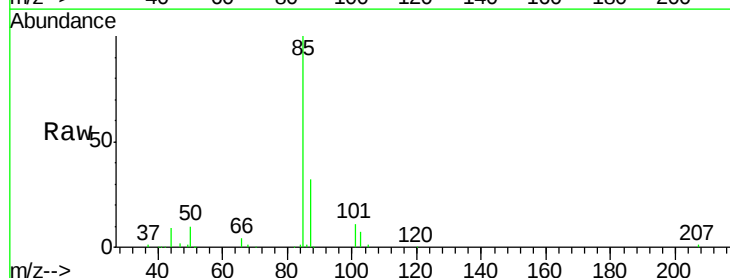
Acq: 01 Jun 2020 12:51

Tgt Ion: 85 Resp: 44288

Ion Ratio Lower Upper

85 100

87 32.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002804.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002804.D (-1) (-)

1.91

30000

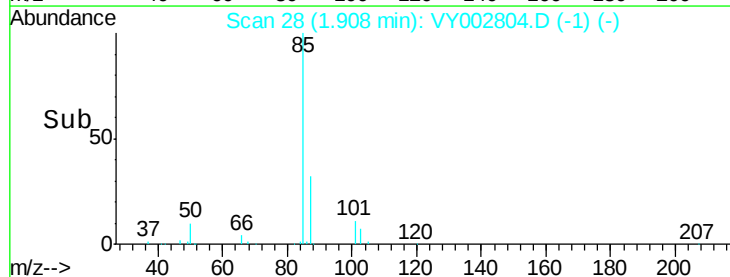
20000

10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.612 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

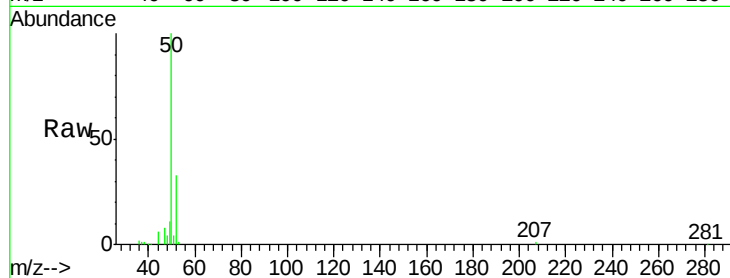
VY0601SBS01

Tot Ion: 50 Resp: 49445

Ion Ratio Lower Upper

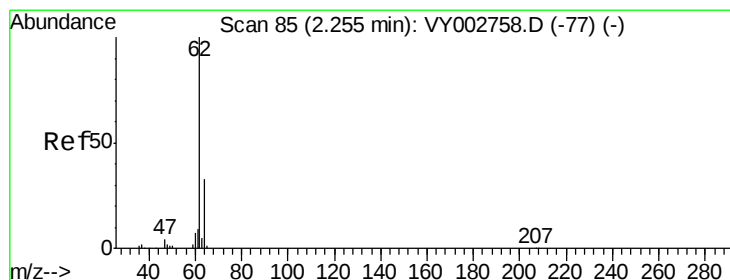
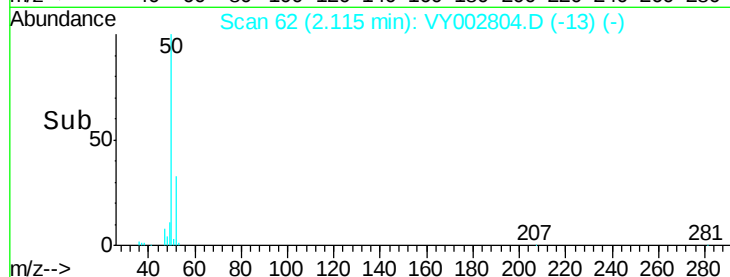
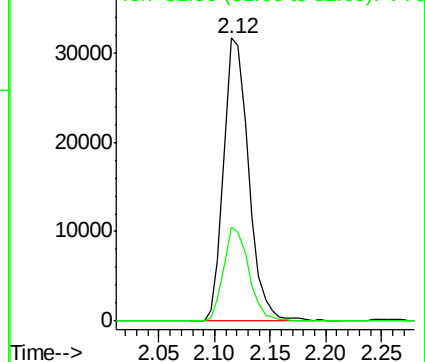
50 100

52 33.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 23.029 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002804.D

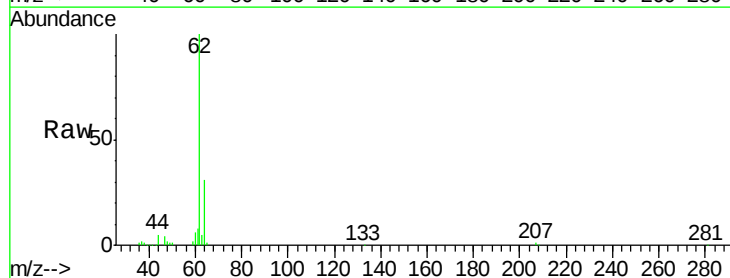
Acq: 01 Jun 2020 12:51

Tgt Ion: 62 Resp: 53226

Ion Ratio Lower Upper

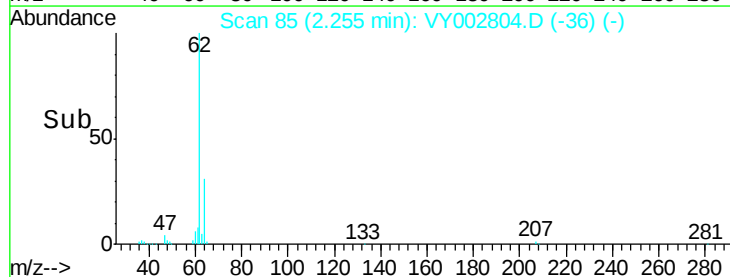
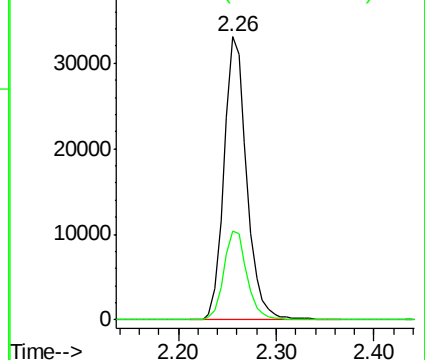
62 100

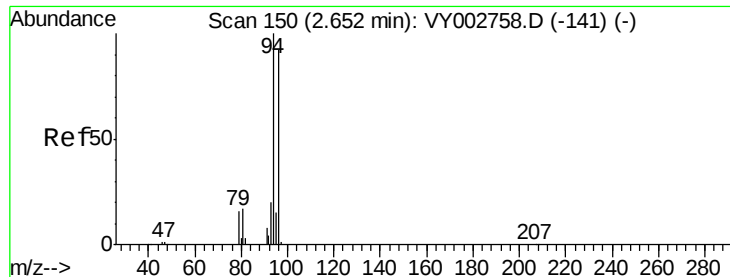
64 31.5 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.929 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

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ClientSampleId :

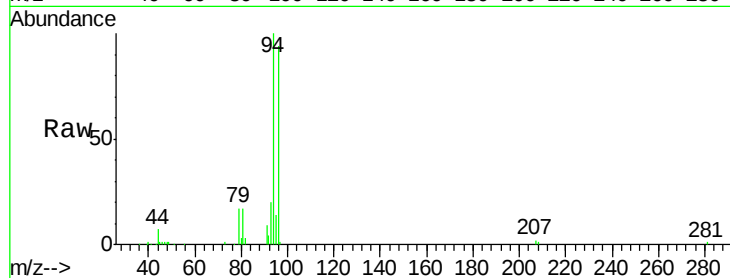
VY0601SBS01

Tot Ion: 94 Resp: 37981

Ion Ratio Lower Upper

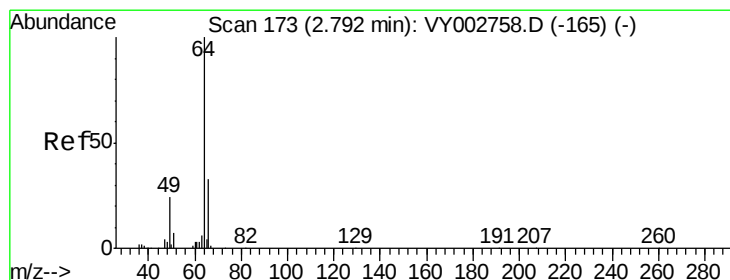
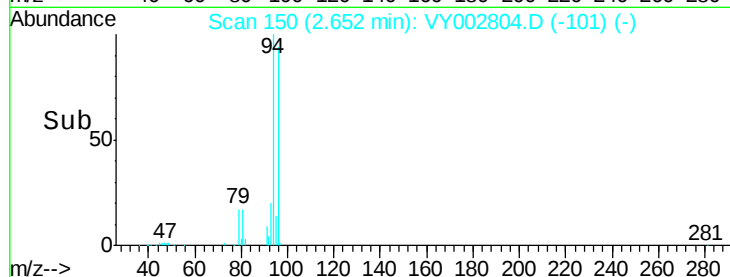
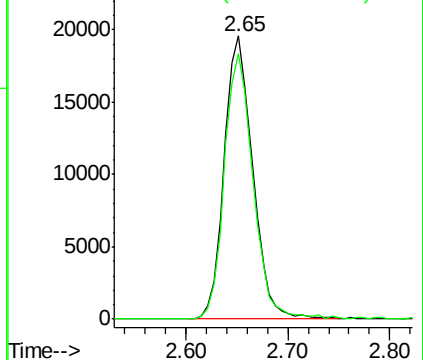
94 100

96 93.5 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.800 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002804.D

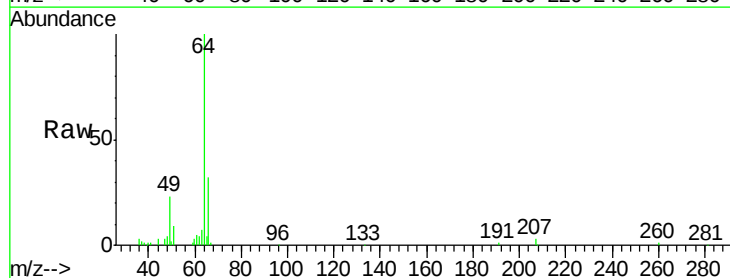
Acq: 01 Jun 2020 12:51

Tgt Ion: 64 Resp: 32663

Ion Ratio Lower Upper

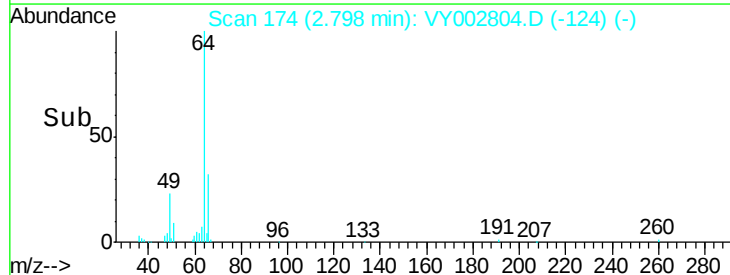
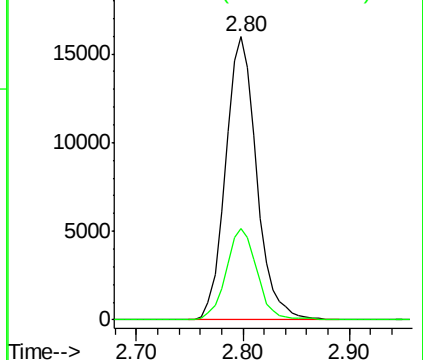
64 100

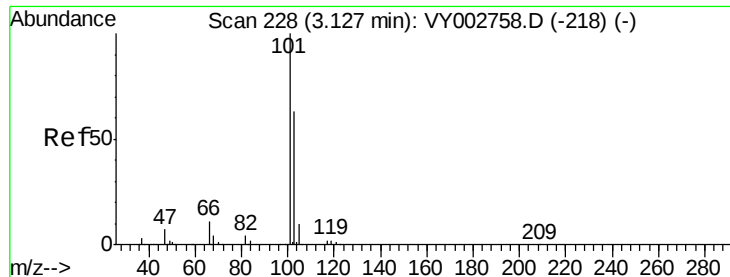
66 32.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



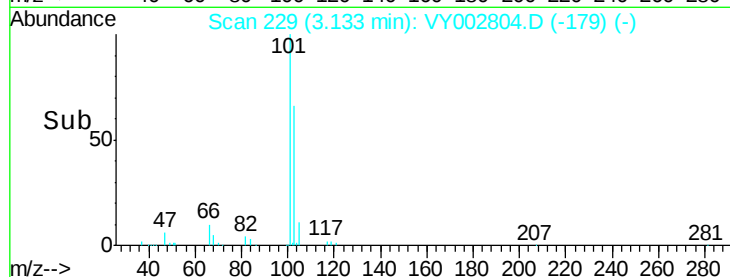
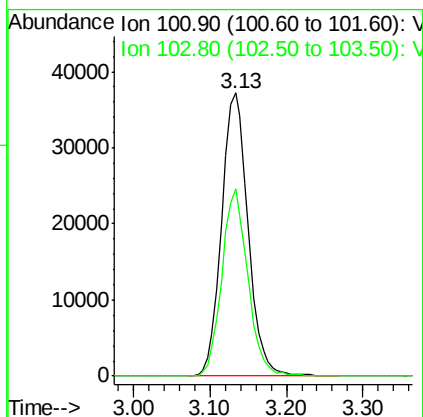
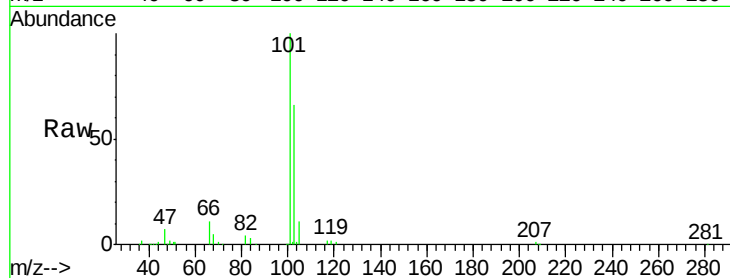


#7

Trichlorofluoromethane
 Concen: 21.815 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
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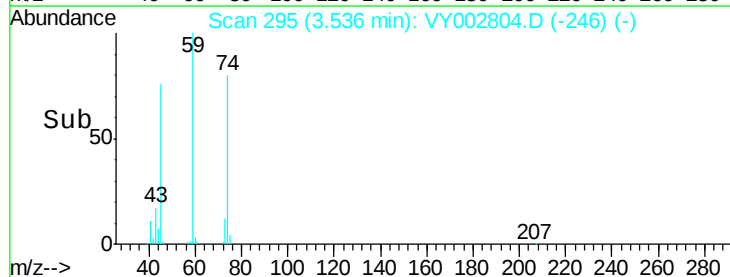
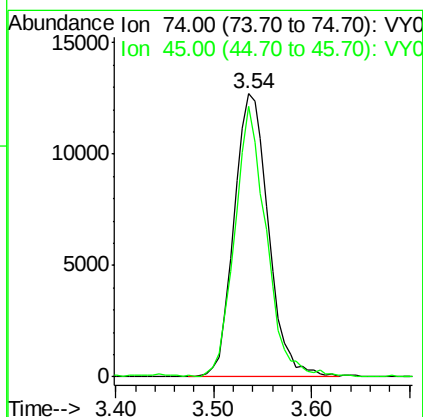
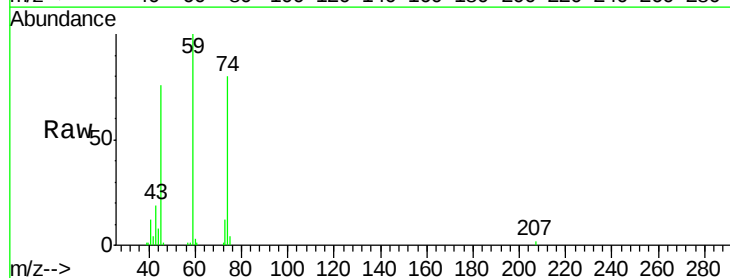
Tot Ion:101 Resp: 89299
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.6 76.0

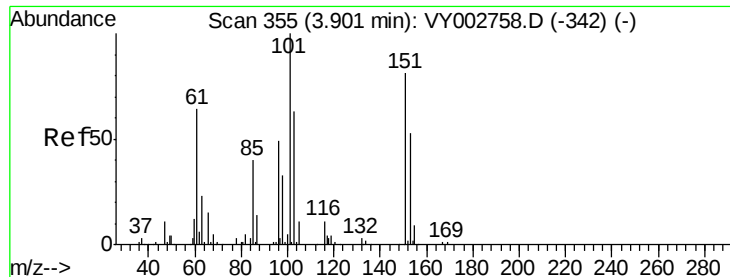


#8

Diethyl Ether
 Concen: 19.392 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Tgt Ion: 74 Resp: 30996
 Ion Ratio Lower Upper
 74 100
 45 88.1 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.850 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

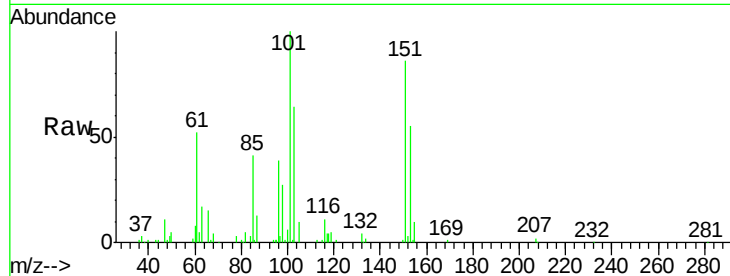
Tot Ion:101 Resp: 53104

Ion Ratio Lower Upper

101 100

85 40.6 32.7 49.1

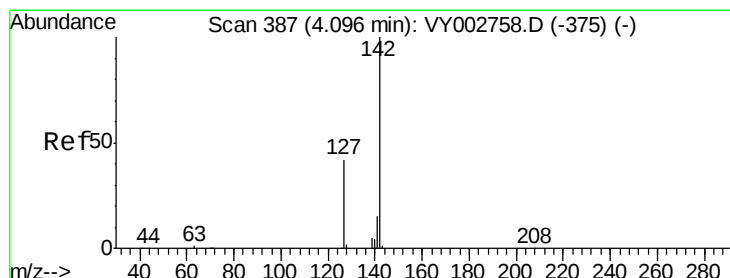
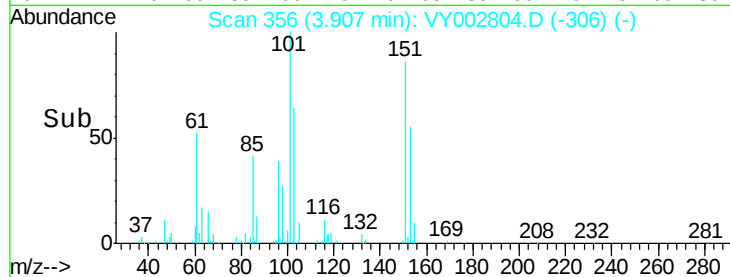
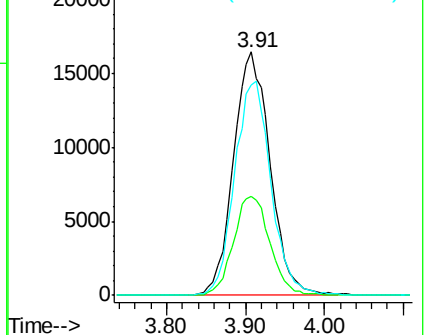
151 87.4 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.025 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

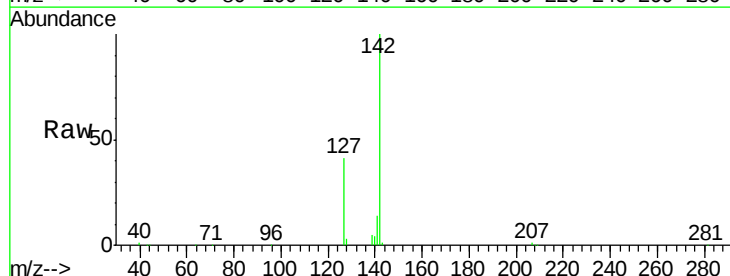
Tgt Ion:142 Resp: 68101

Ion Ratio Lower Upper

142 100

127 42.5 33.3 49.9

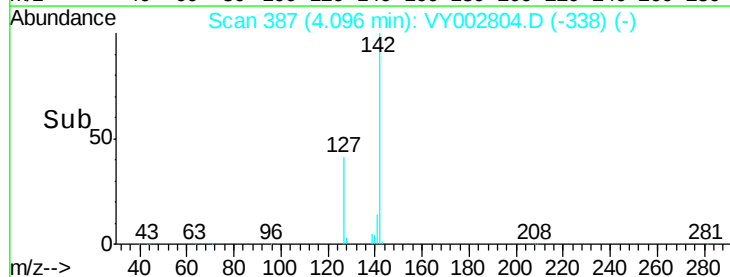
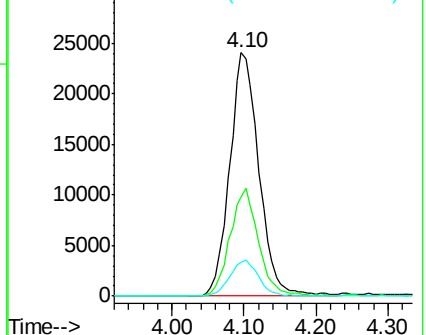
141 14.2 11.5 17.3



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



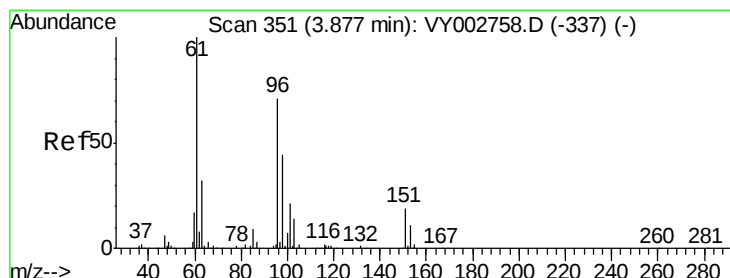
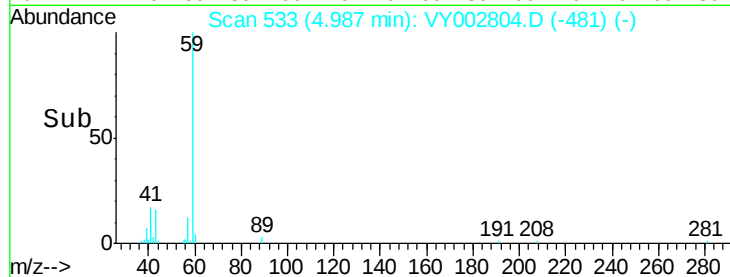
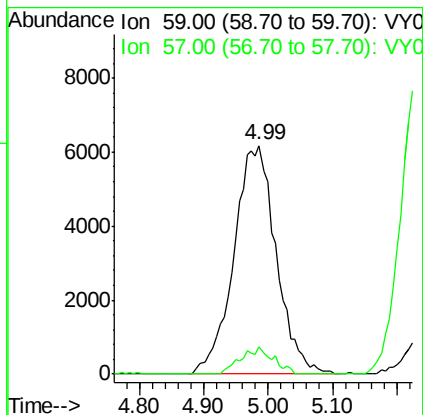
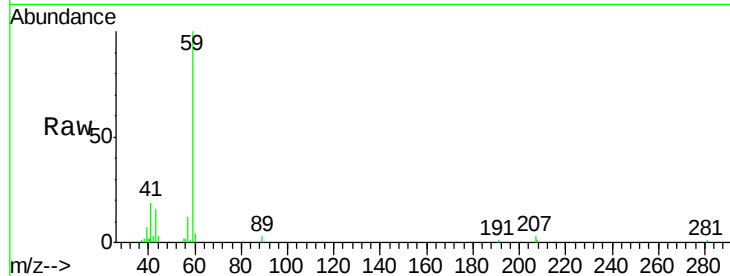


#11

Tert butyl alcohol
 Concen: 96.684 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

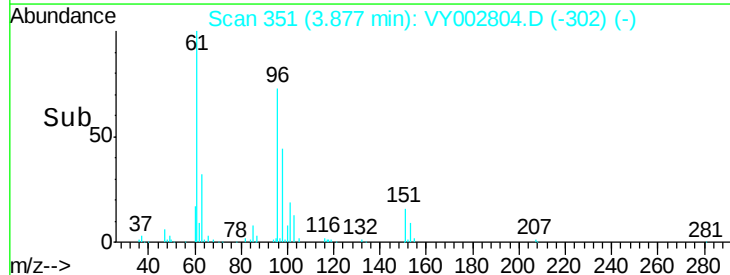
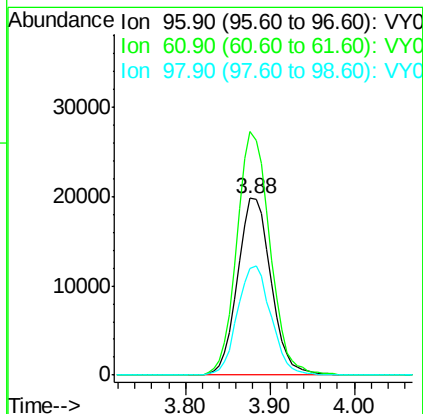
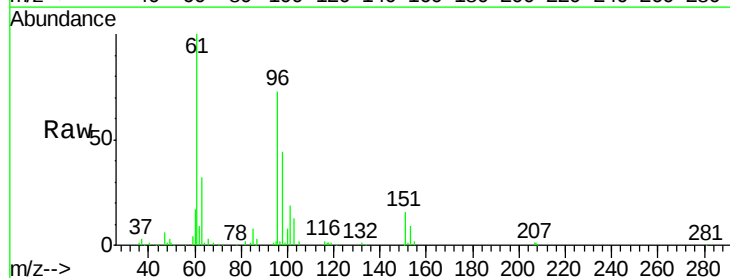
Tot Ion: 59 Resp: 28023
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.7 11.5

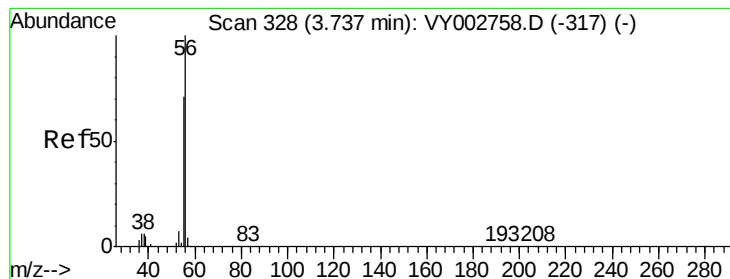


#12

1,1-Dichloroethene
 Concen: 21.813 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Tgt Ion: 96 Resp: 53316
 Ion Ratio Lower Upper
 96 100
 61 137.6 112.6 168.8
 98 60.6 50.0 75.0





#13

Acrolein

Concen: 96.599 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

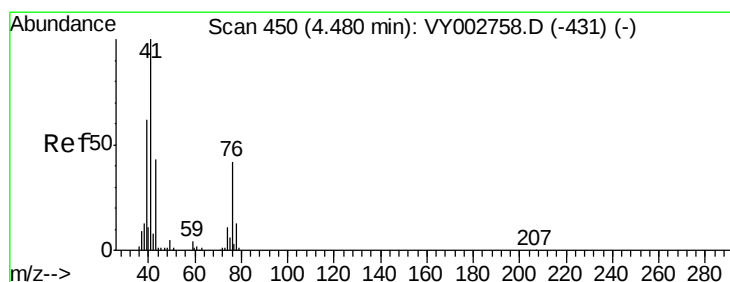
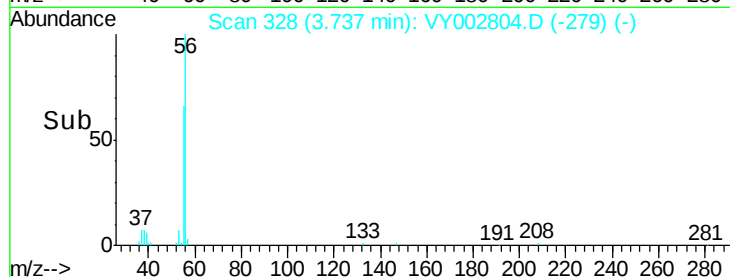
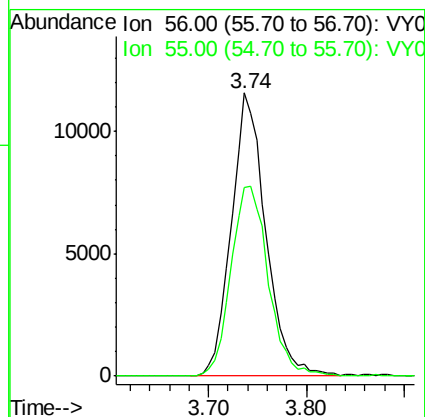
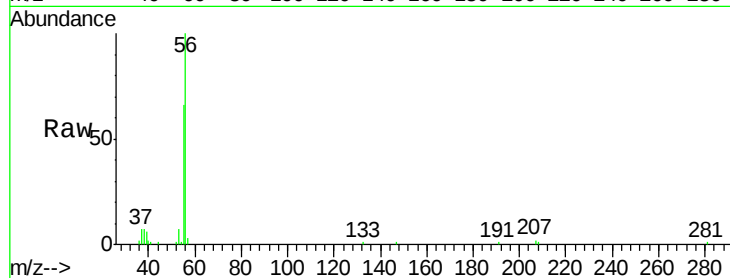
VY0601SBS01

Tot Ion: 56 Resp: 28240

Ion Ratio Lower Upper

56 100

55 72.6 56.0 84.0



#14

Allyl chloride

Concen: 21.227 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

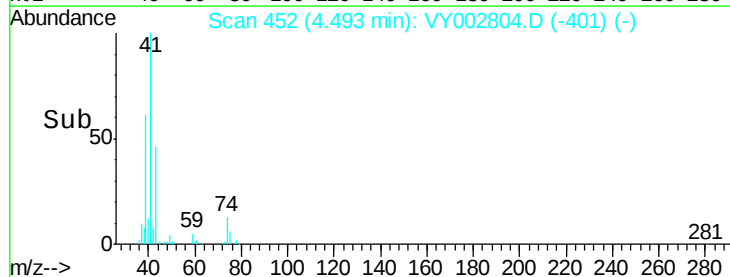
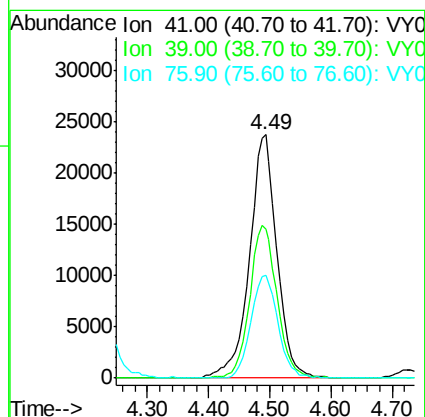
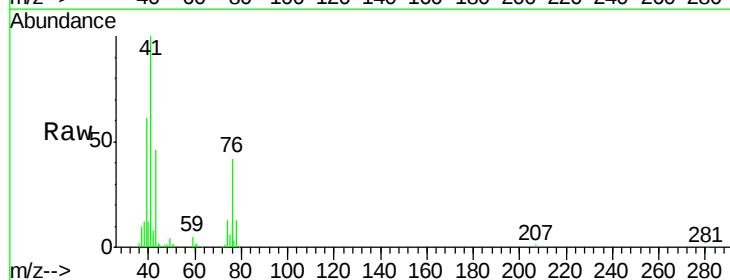
Tgt Ion: 41 Resp: 74411

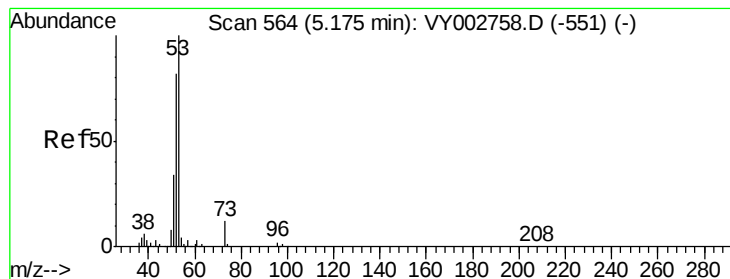
Ion Ratio Lower Upper

41 100

39 62.7 49.9 74.9

76 41.7 33.2 49.8





#15

Acrylonitrile

Concen: 107.050 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

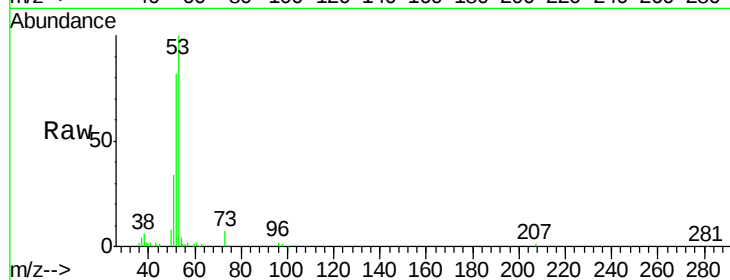
Tot Ion: 53 Resp: 77191

Ion Ratio Lower Upper

53 100

52 82.2 65.3 97.9

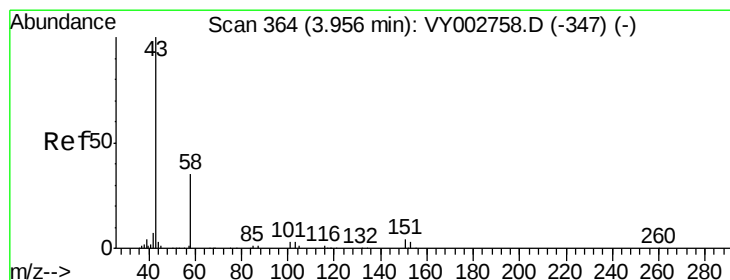
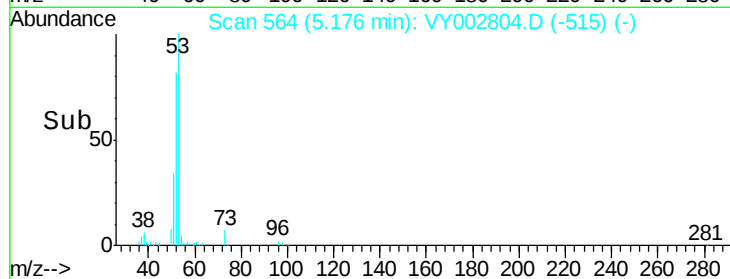
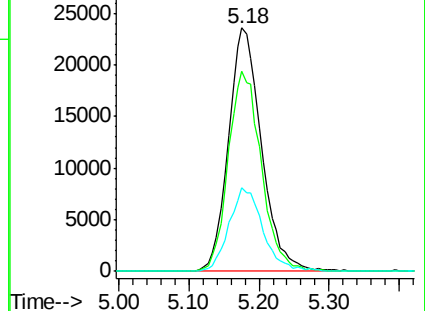
51 34.8 28.0 42.0



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: 104.742 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002804.D

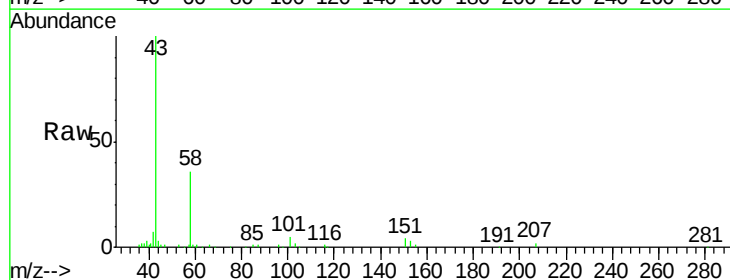
Acq: 01 Jun 2020 12:51

Tgt Ion: 43 Resp: 61270

Ion Ratio Lower Upper

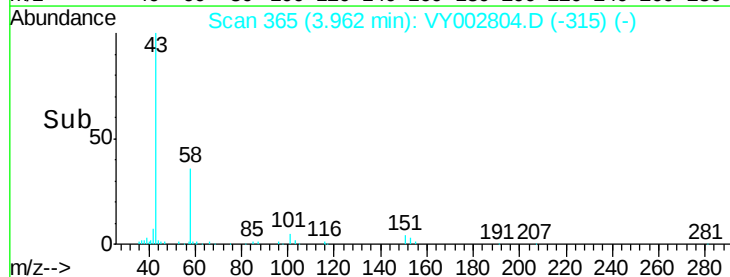
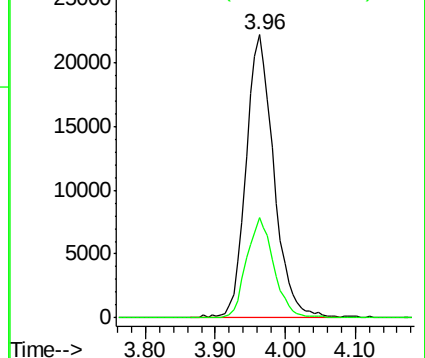
43 100

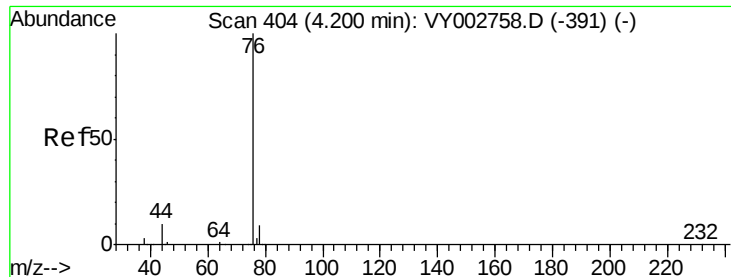
58 35.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.883 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

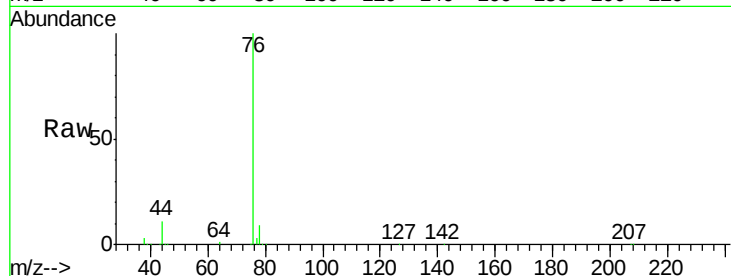
VY0601SBS01

Tot Ion: 76 Resp: 154238

Ion Ratio Lower Upper

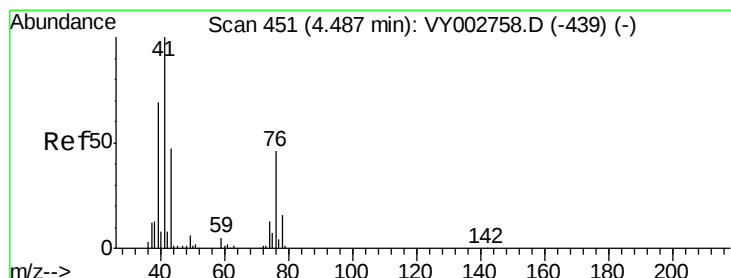
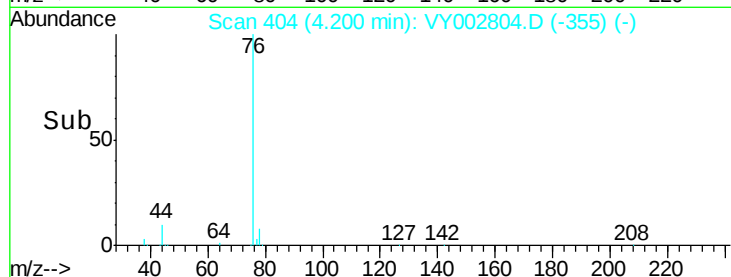
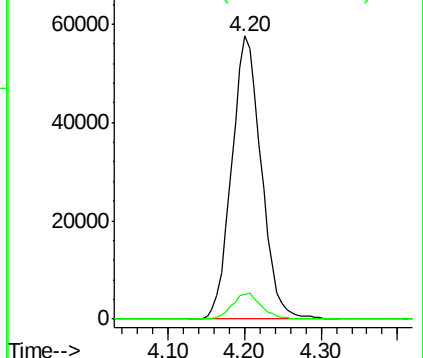
76 100

78 8.7 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 23.000 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002804.D

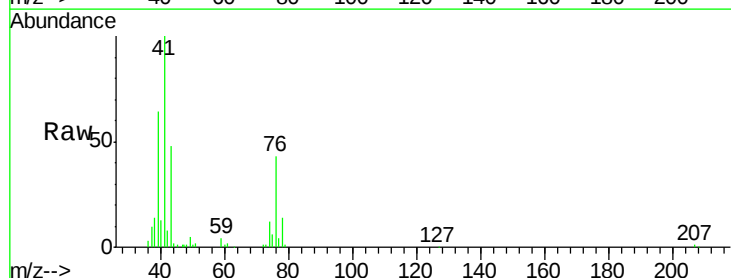
Acq: 01 Jun 2020 12:51

Tgt Ion: 43 Resp: 34527

Ion Ratio Lower Upper

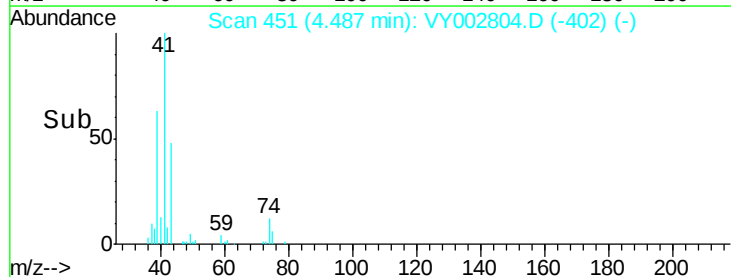
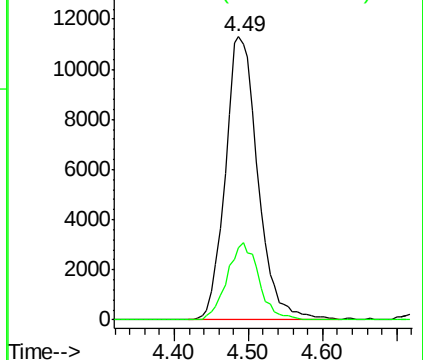
43 100

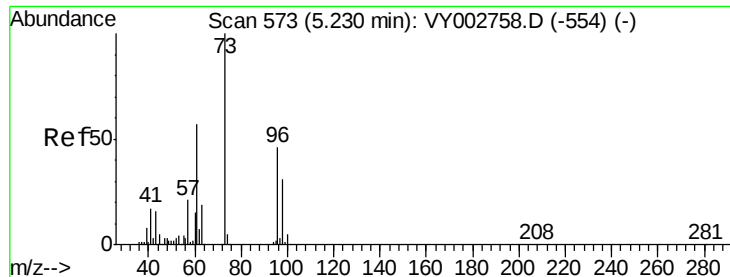
74 26.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

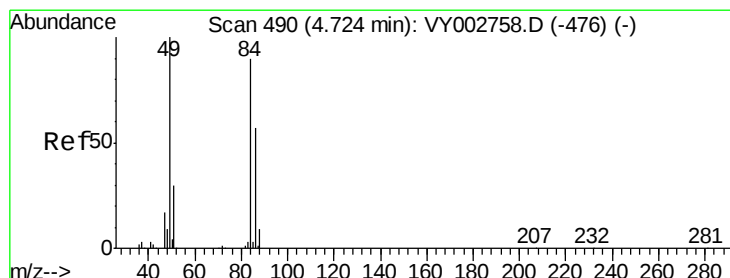
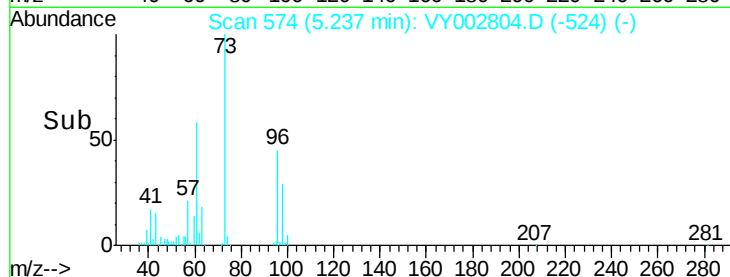
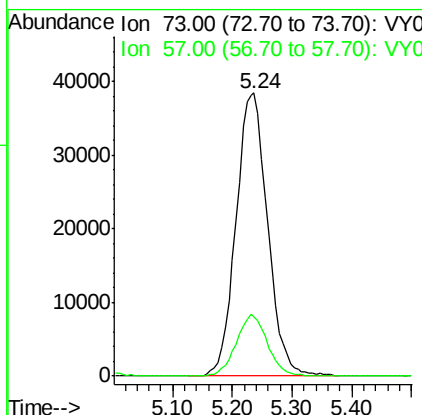
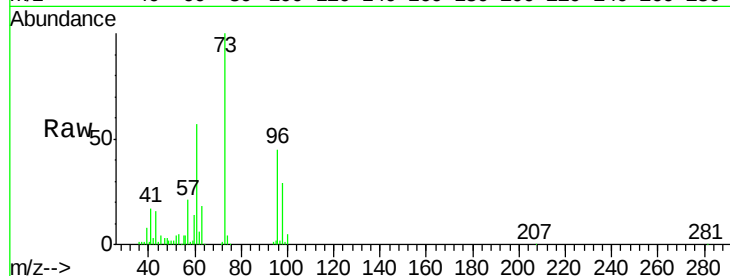




#19
Methvl tert-butvl Ether
Concen: 21.010 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

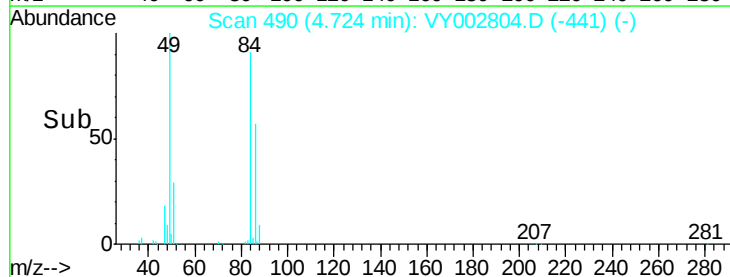
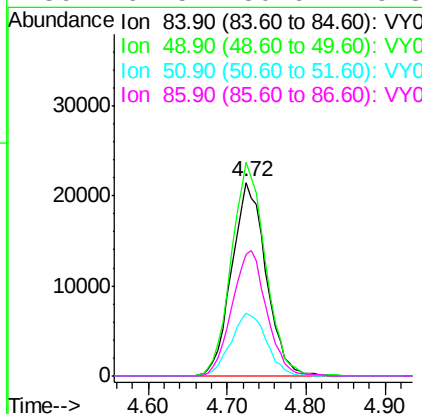
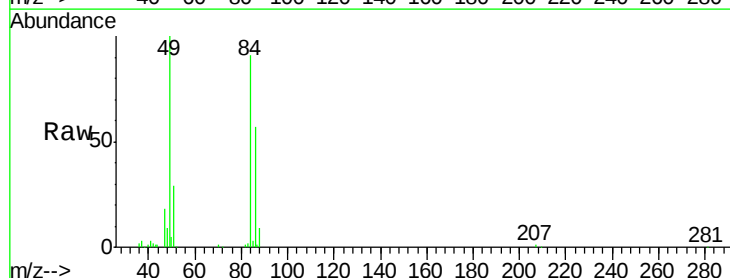
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

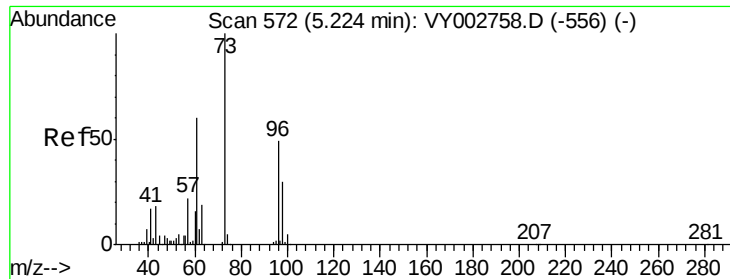
Tot Ion: 73 Resp: 141766
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 22.753 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion: 84 Resp: 65043
Ion Ratio Lower Upper
84 100
49 110.2 88.5 132.7
51 32.2 26.8 40.2
86 62.5 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.701 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

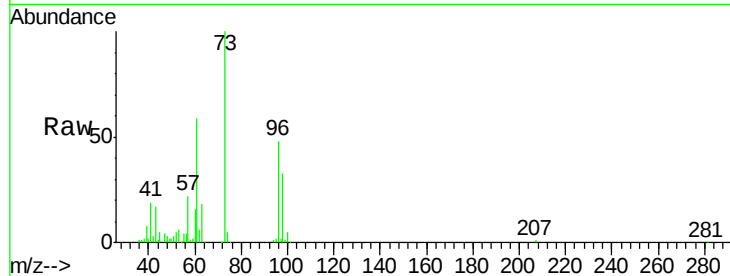
Tot Ion: 96 Resp: 56902

Ion Ratio Lower Upper

96 100

61 123.6 96.8 145.2

98 68.3 49.4 74.0

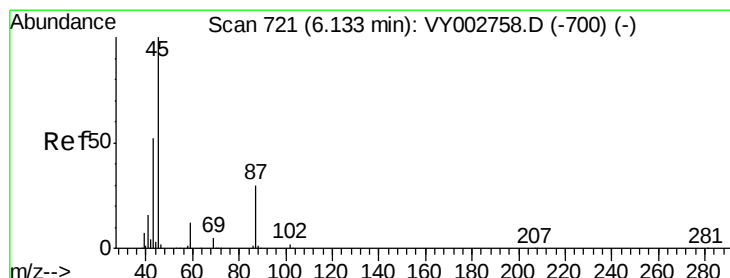
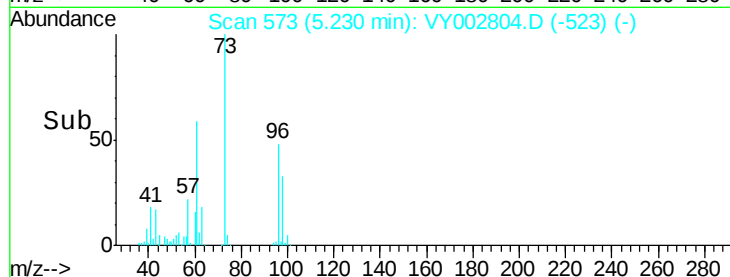
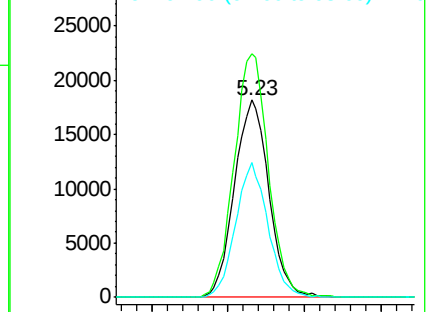


Abundance

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: 21.072 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Tgt Ion: 45 Resp: 153500

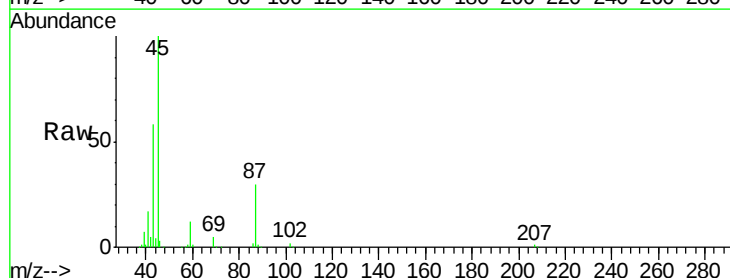
Ion Ratio Lower Upper

45 100

43 58.2 41.7 62.5

87 30.1 24.2 36.2

59 12.4 9.8 14.8



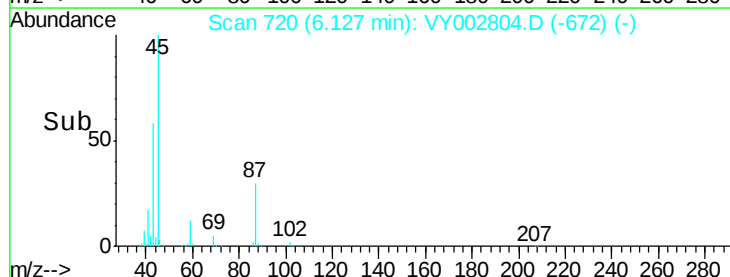
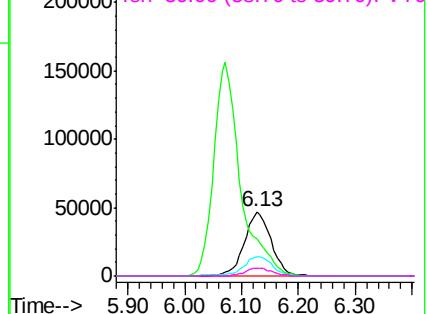
Abundance

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: 106.038 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

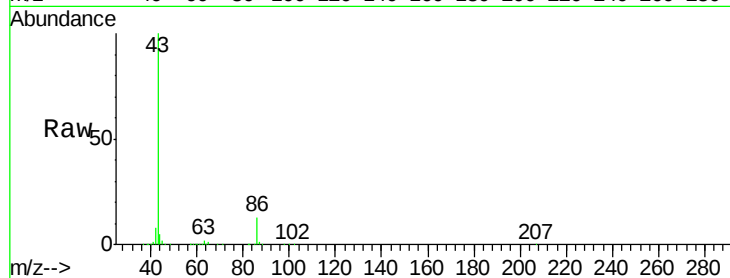
VY0601SBS01

Tot Ion: 43 Resp: 509990

Ion Ratio Lower Upper

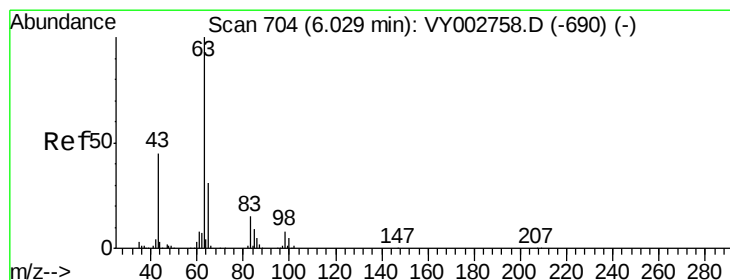
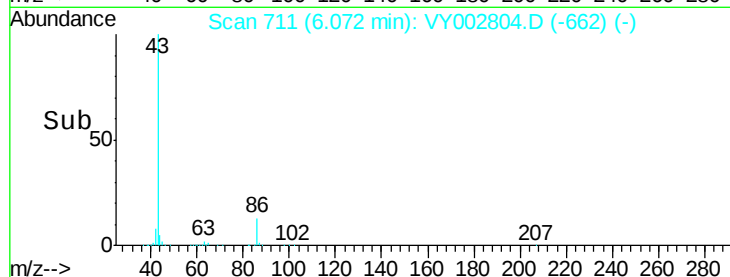
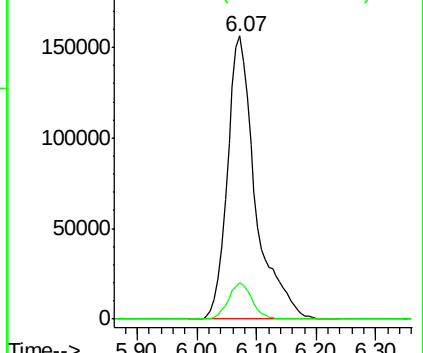
43 100

86 12.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.160 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

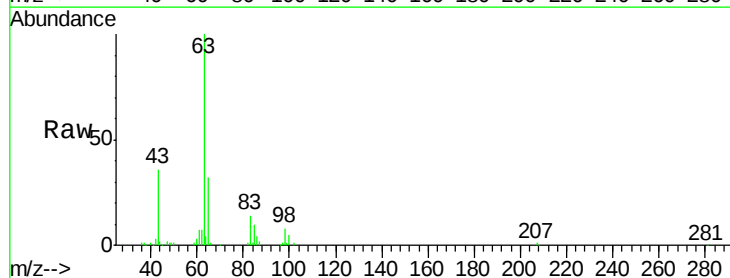
Tgt Ion: 63 Resp: 90169

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.2

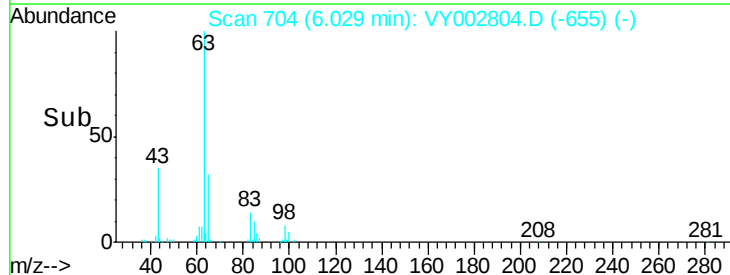
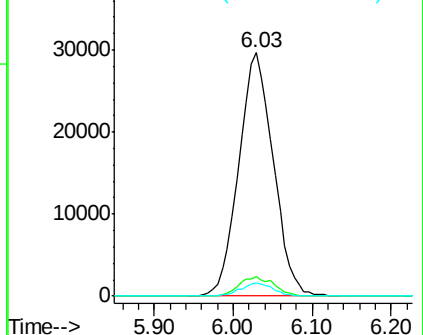
100 5.2 2.4 7.1

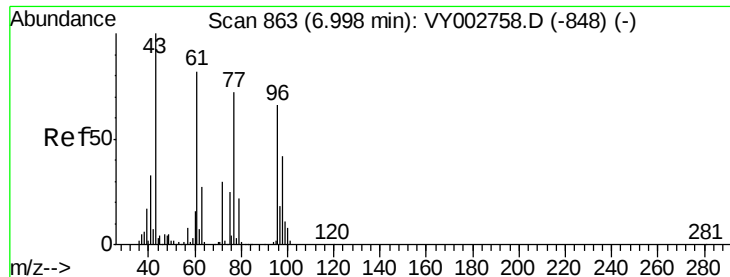


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

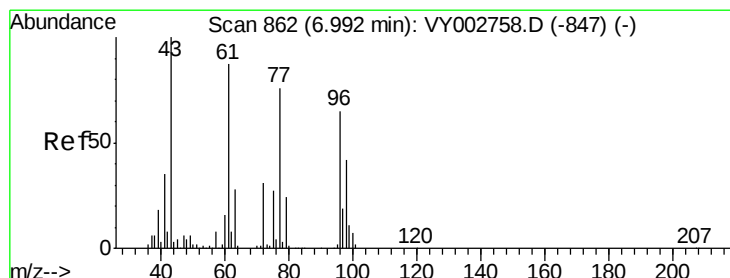
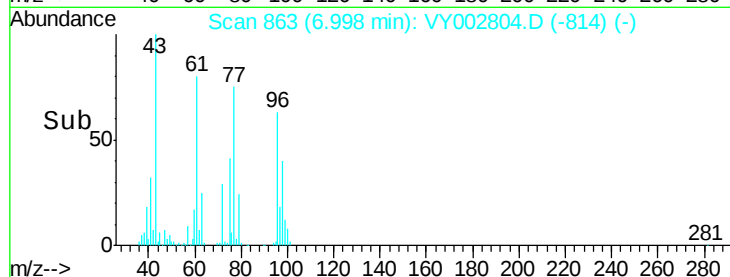
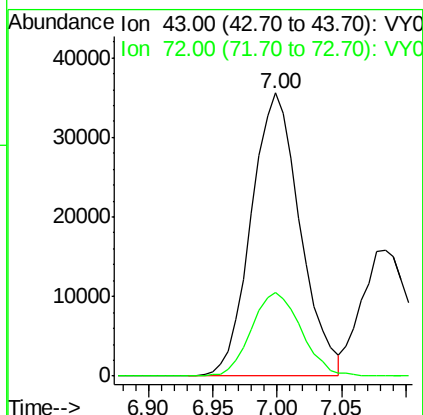
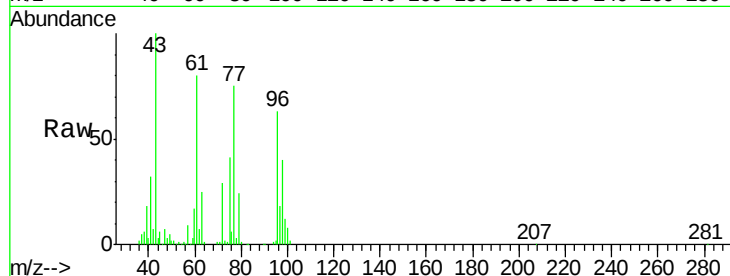




#25
2-Butanone
Concen: 102.773 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

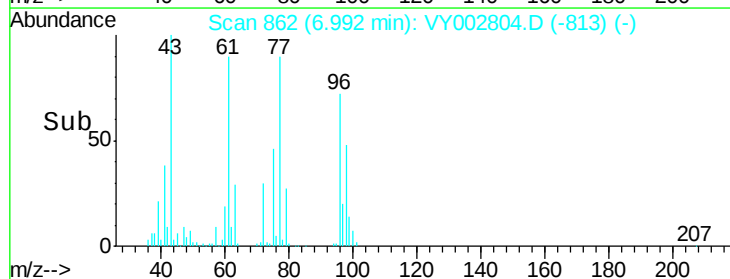
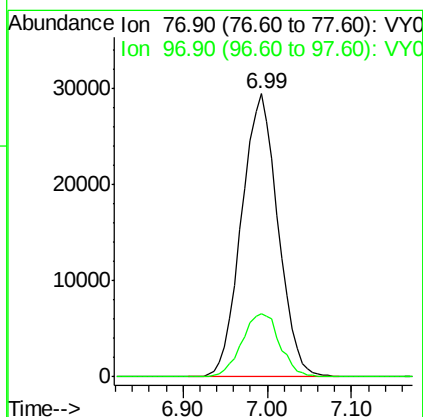
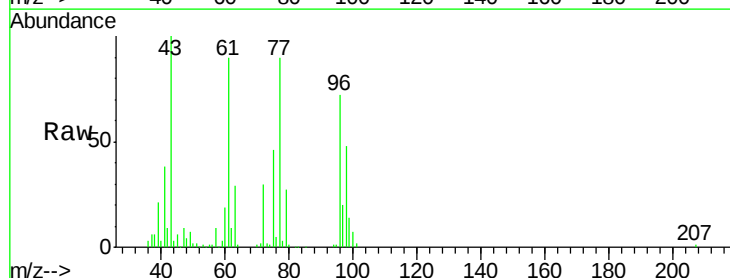
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

Tot Ion: 43 Resp: 93664
Ion Ratio Lower Upper
43 100
72 29.5 23.9 35.9



#26
2,2-Dichloropropane
Concen: 21.111 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion: 77 Resp: 86280
Ion Ratio Lower Upper
77 100
97 23.2 12.2 36.6



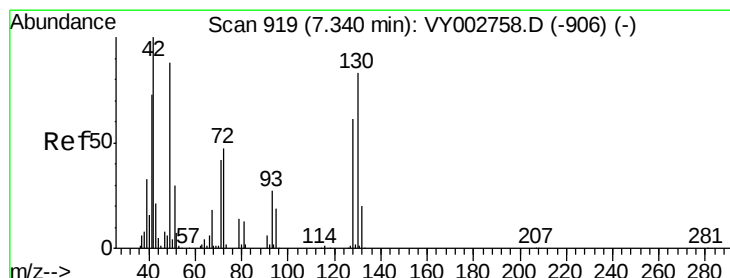
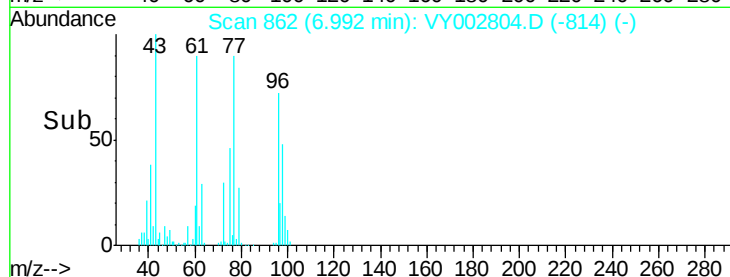
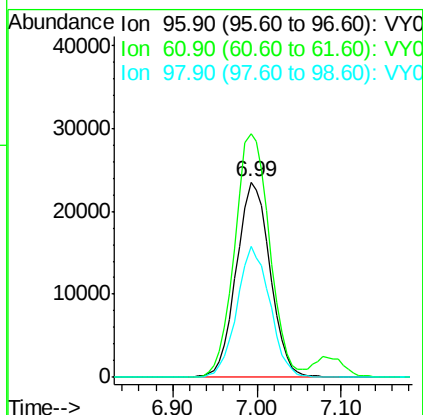
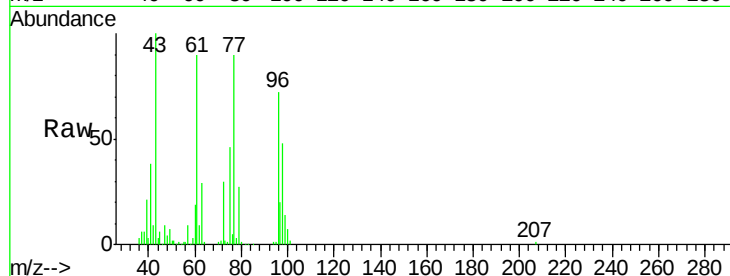


#27

cis-1,2-Dichloroethene
Concen: 20.687 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

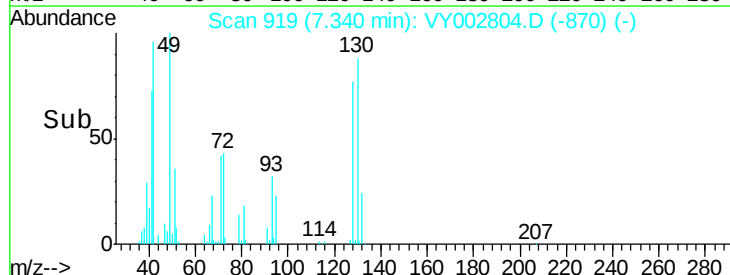
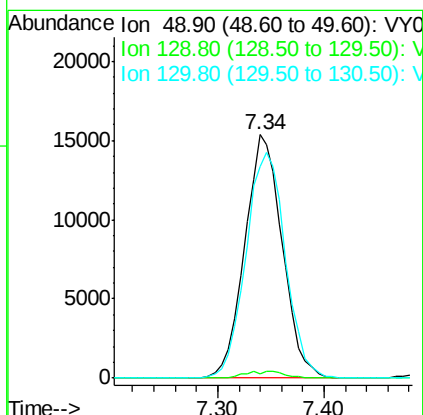
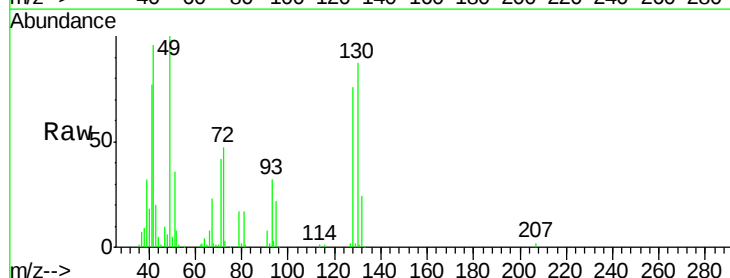
Tot Ion	96	Resp	63655
Ion	Ratio	Lower	Upper
96	100		
61	128.9	0.0	260.2
98	65.4	0.0	128.2

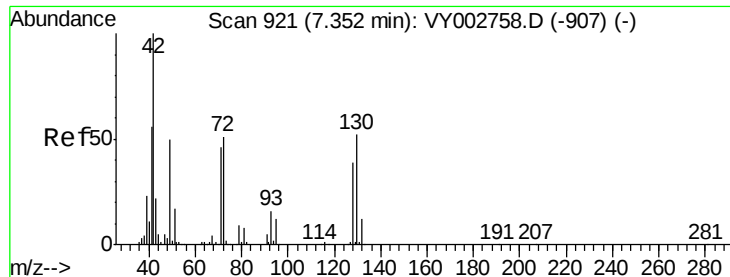


#28

Bromochloromethane
Concen: 21.749 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion	49	Resp	38047
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	97.3	77.1	115.7





#29

Tetrahydrofuran

Concen: 105.587 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

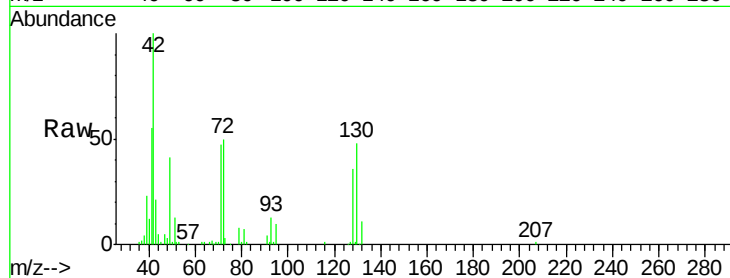
Tot Ion: 42 Resp: 62593

Ion Ratio Lower Upper

42 100

72 49.5 38.6 58.0

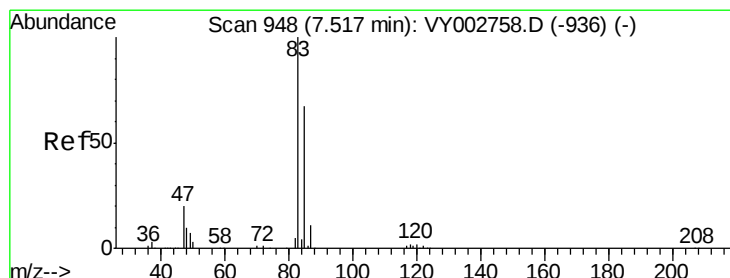
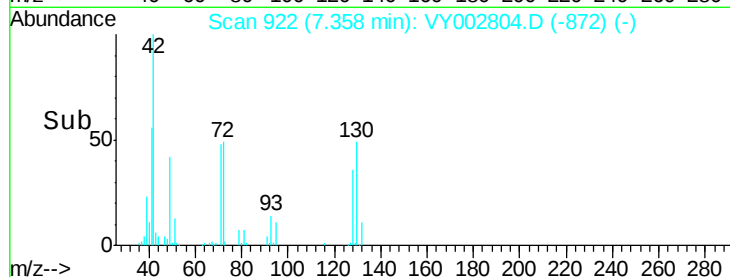
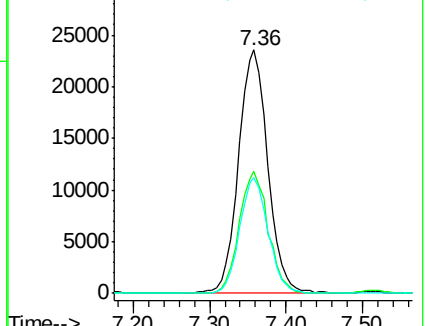
71 46.1 35.8 53.8



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: 21.307 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002804.D

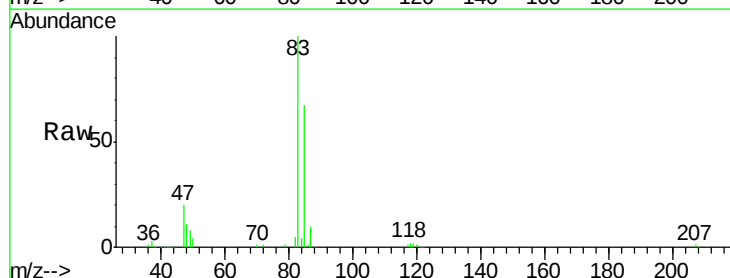
Acq: 01 Jun 2020 12:51

Tgt Ion: 83 Resp: 96350

Ion Ratio Lower Upper

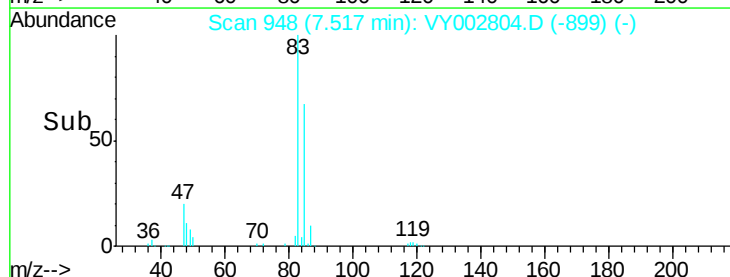
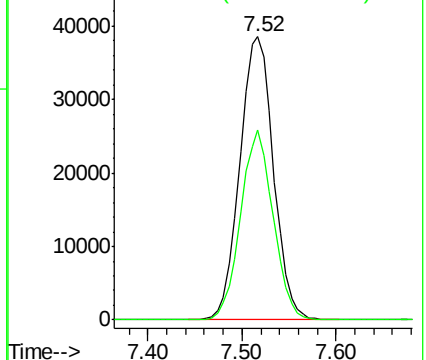
83 100

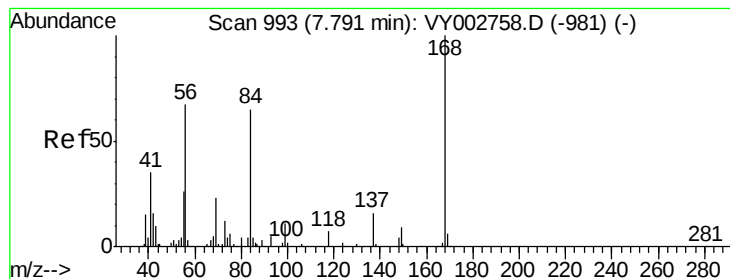
85 67.1 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.587 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

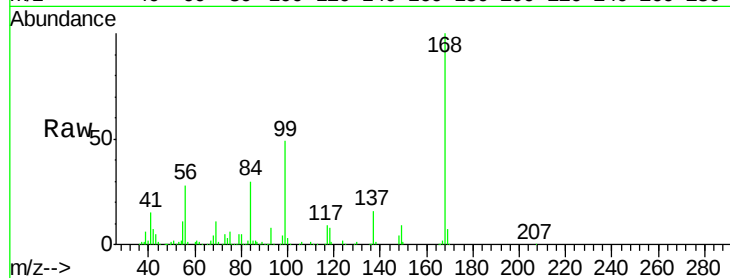
Tot Ion: 56 Resp: 87104

Ion Ratio Lower Upper

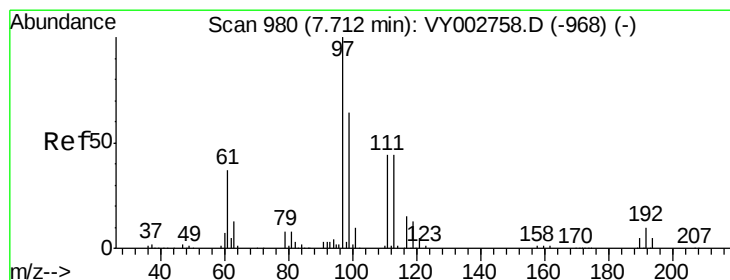
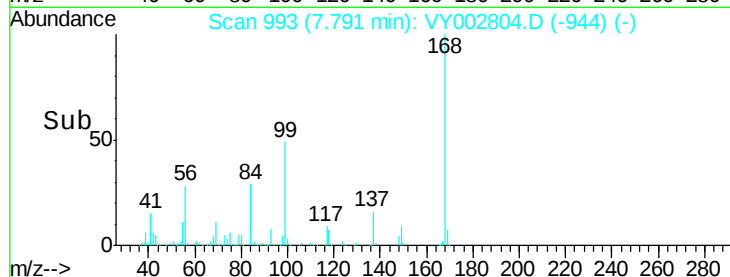
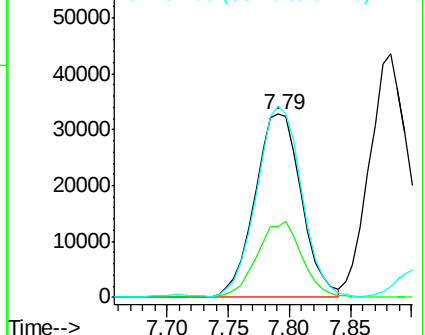
56 100

69 38.0 28.0 42.0

84 103.5 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: 21.150 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

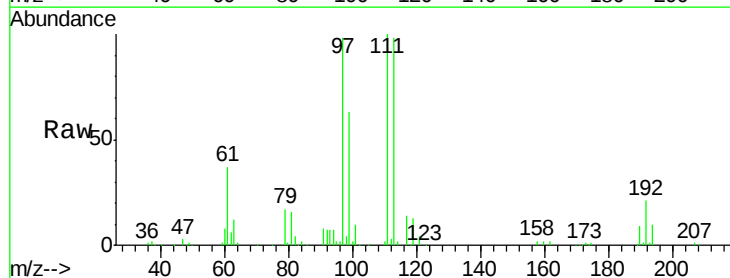
Tgt Ion: 97 Resp: 89121

Ion Ratio Lower Upper

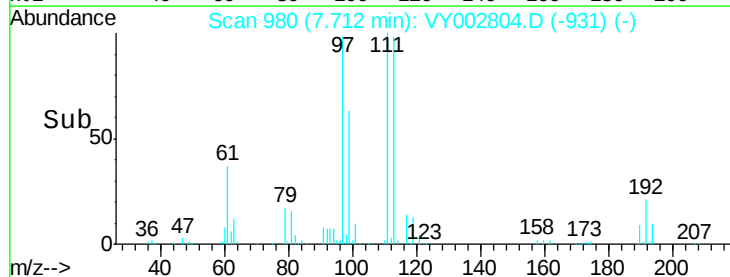
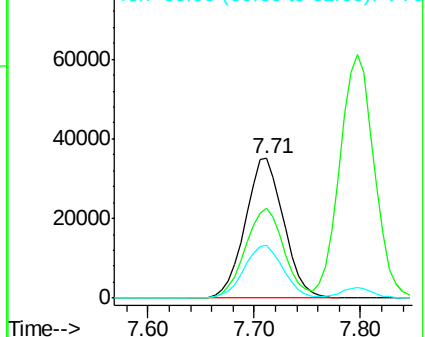
97 100

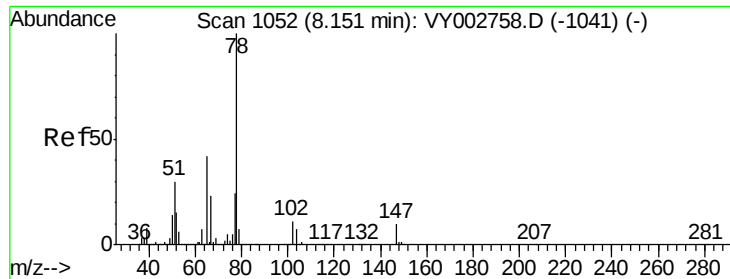
99 64.7 51.4 77.0

61 38.3 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

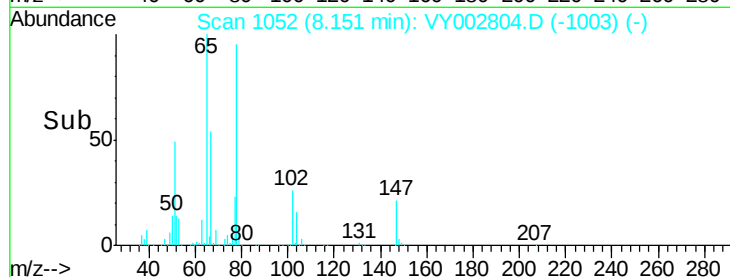
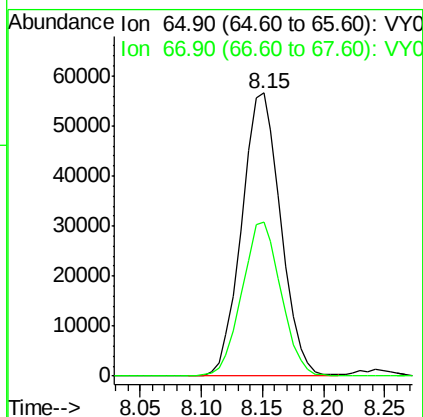
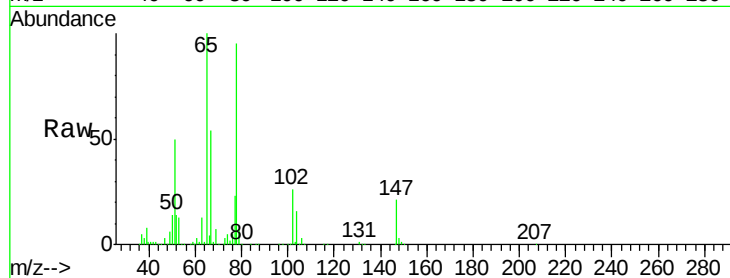




#33
 1,2-Dichloroethane-d4
 Concen: 50.336 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

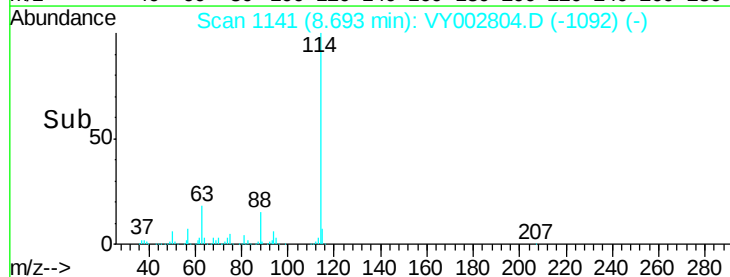
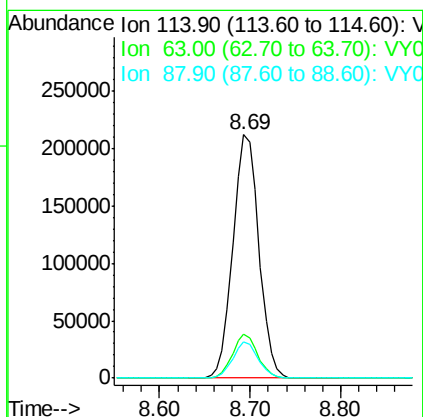
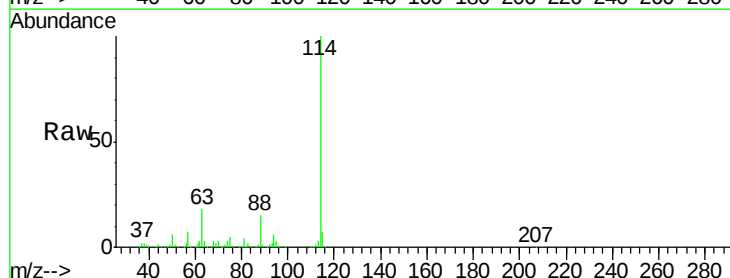
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

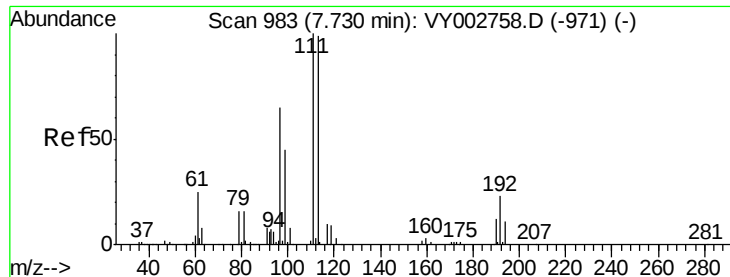
Tot Ion: 65 Resp: 125571
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Tgt Ion: 114 Resp: 421687
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.102 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

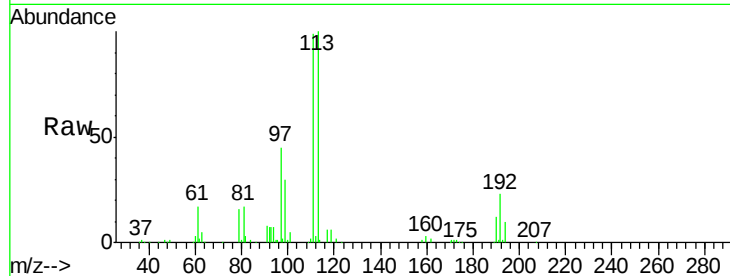
Tot Ion:113 Resp: 126288

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

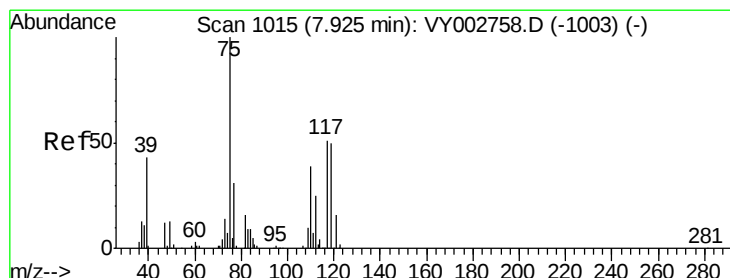
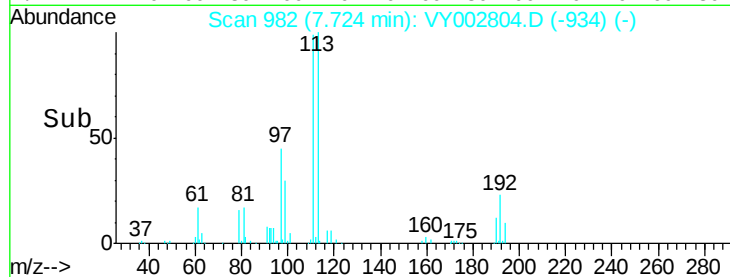
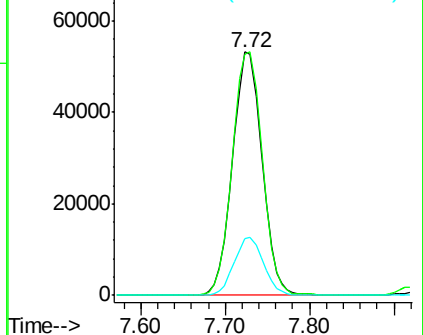
192 23.7 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.852 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

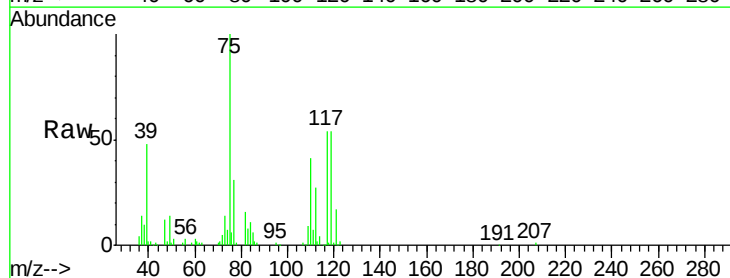
Tgt Ion: 75 Resp: 74070

Ion Ratio Lower Upper

75 100

110 40.1 19.3 57.9

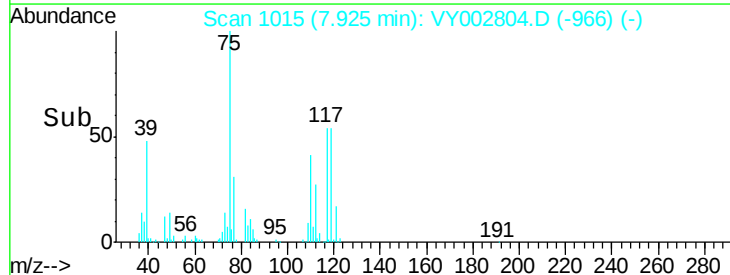
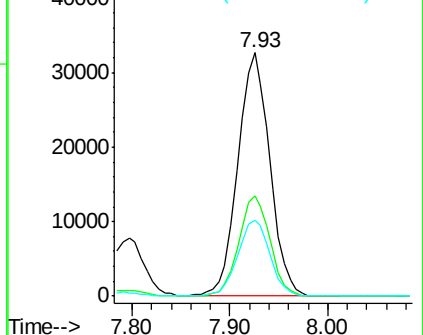
77 31.5 24.8 37.2

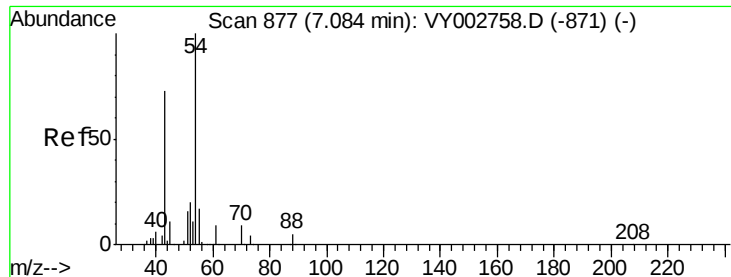


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

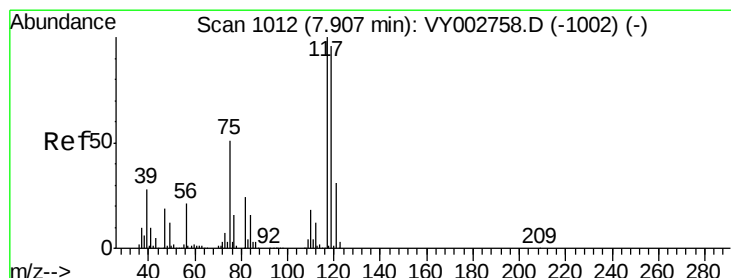
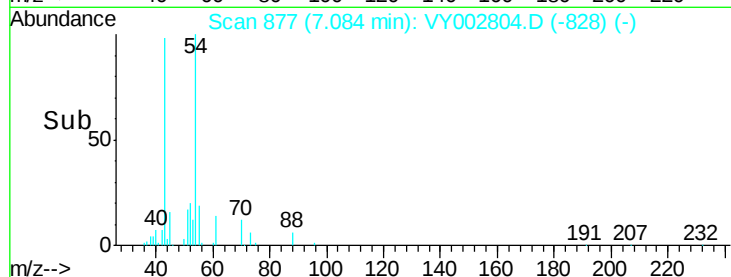
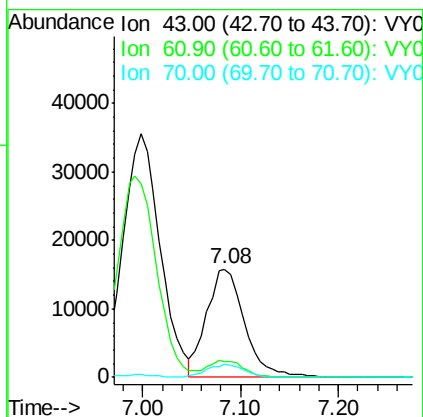
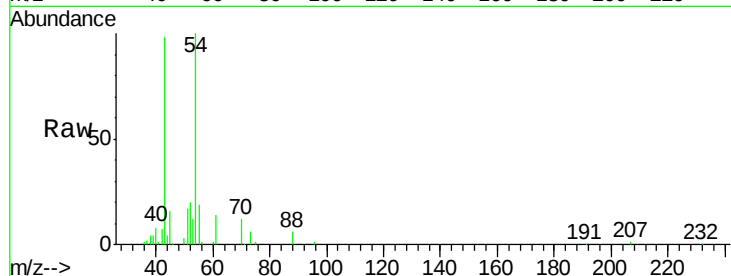




#37
Ethyl Acetate
Concen: 21.893 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

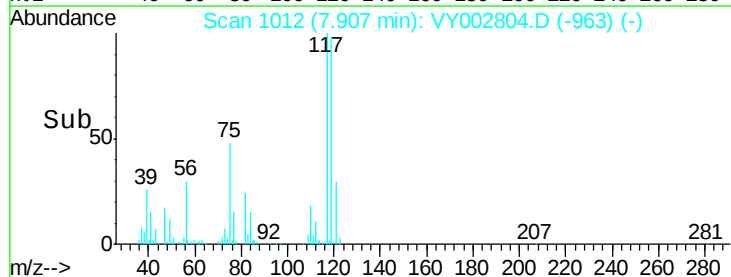
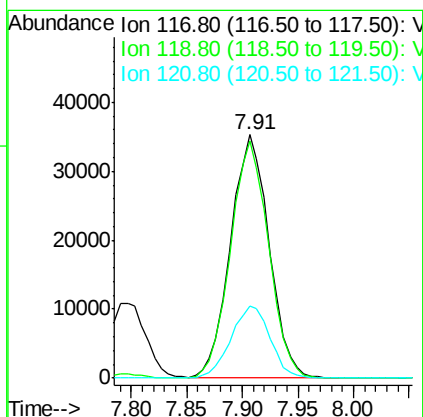
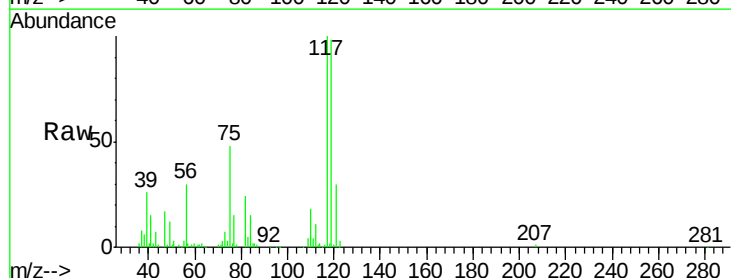
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

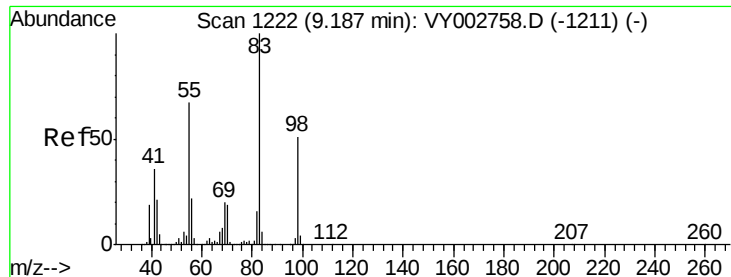
Tot Ion: 43 Resp: 42311
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.520 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion: 117 Resp: 84920
Ion Ratio Lower Upper
117 100
119 97.6 76.8 115.2
121 29.8 24.8 37.2

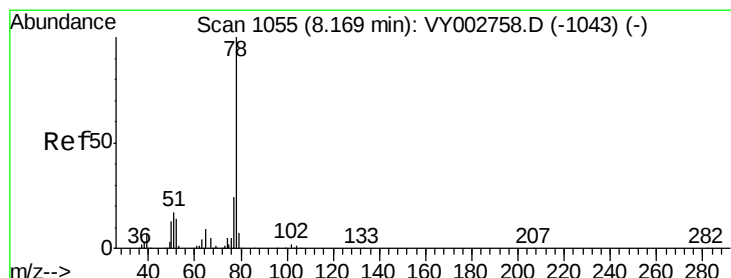
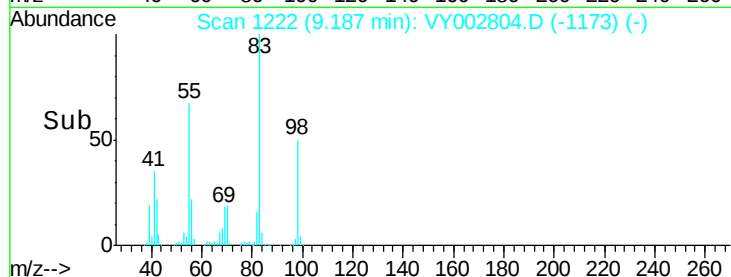
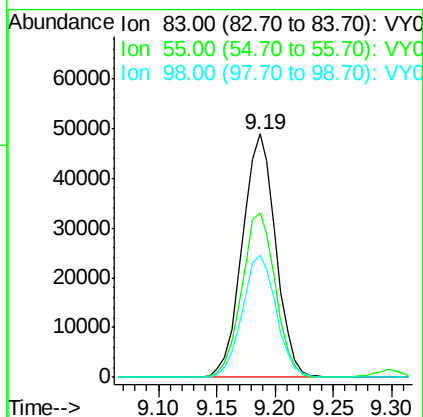
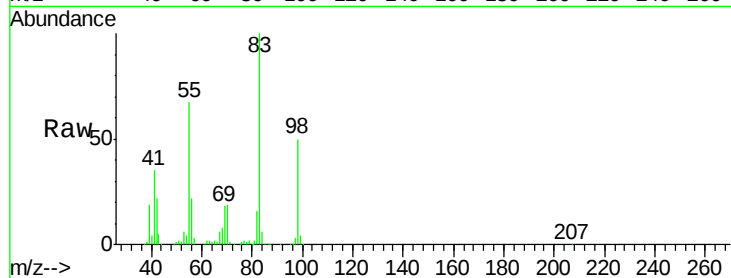




#39
Methvlcvclohexane
Concen: 20.894 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

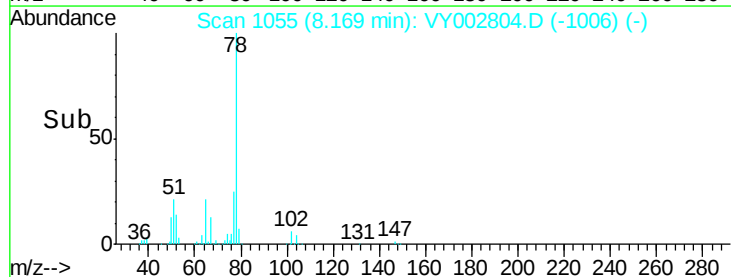
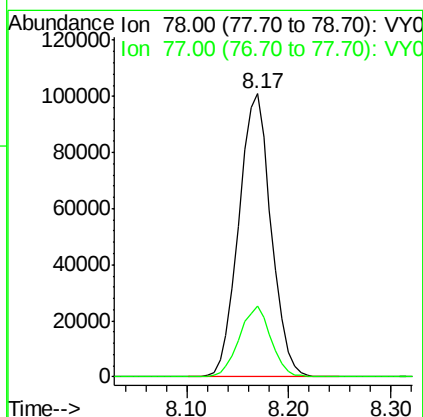
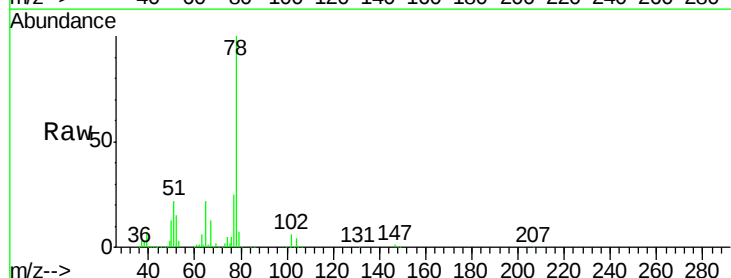
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

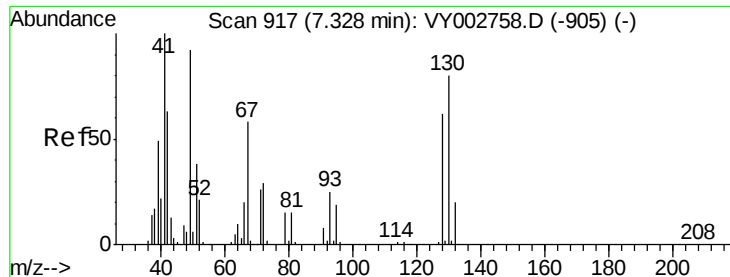
Tot Ion	83	Resp	97828
Ion	Ratio	Lower	Upper
83	100		
55	67.4	53.3	79.9
98	50.0	41.1	61.7



#40
Benzene
Concen: 21.125 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion	78	Resp	221723
Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.8	28.2





#41

Methacrylonitrile

Concen: 22.916 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

Tot Ion: 41 Resp: 23793

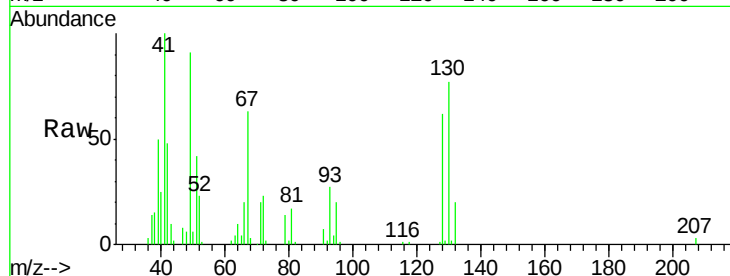
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

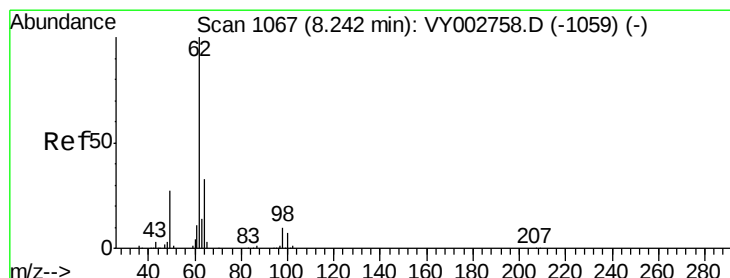
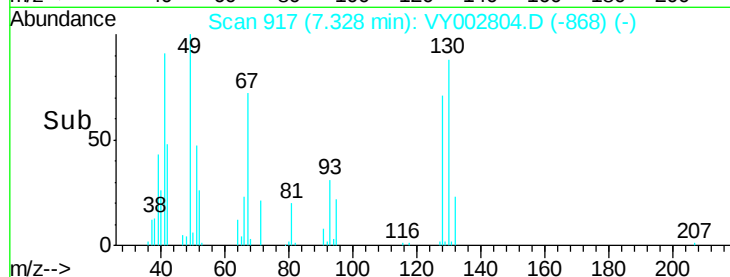
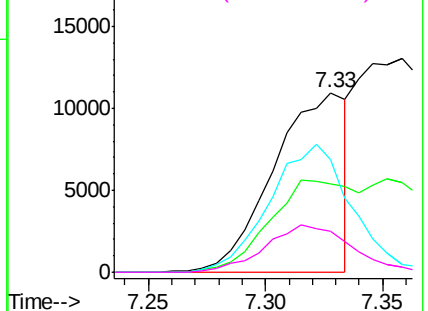


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.343 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002804.D

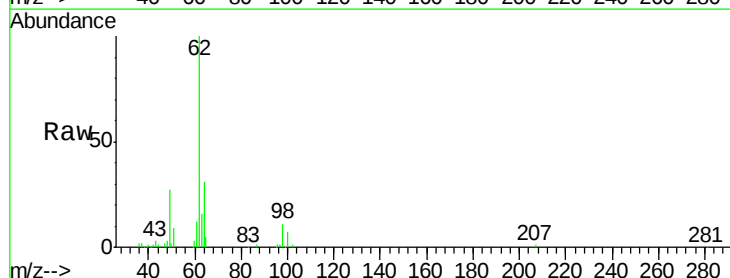
Acq: 01 Jun 2020 12:51

Tgt Ion: 62 Resp: 62781

Ion Ratio Lower Upper

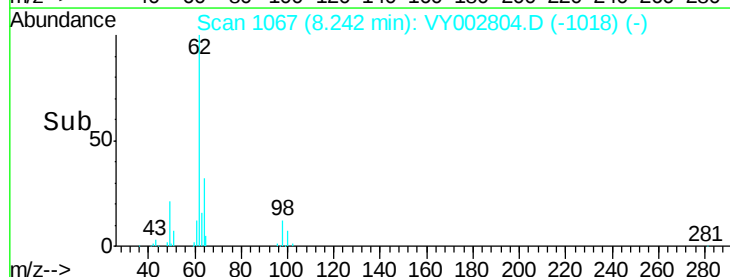
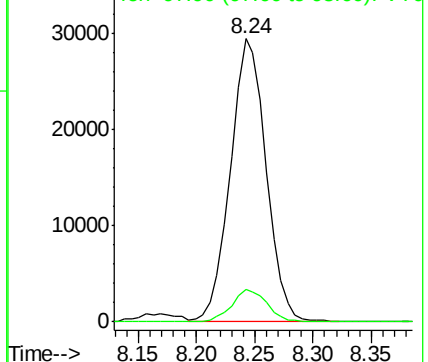
62 100

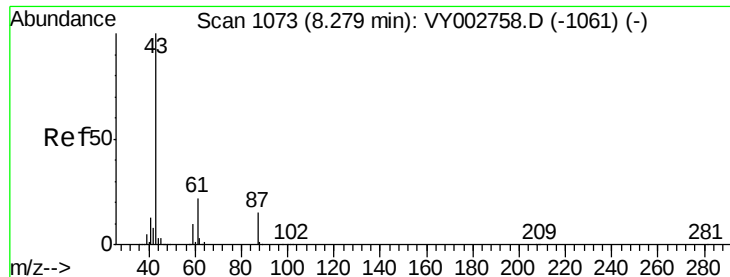
98 11.2 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.326 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

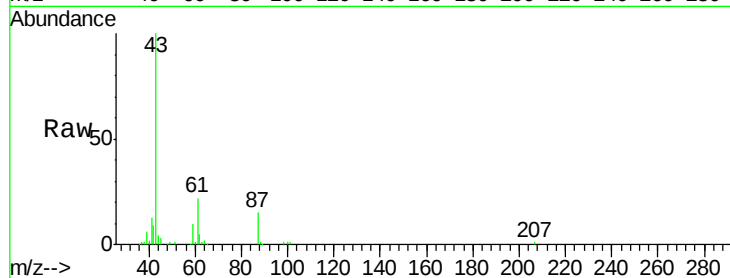
Tot Ion: 43 Resp: 78105

Ion Ratio Lower Upper

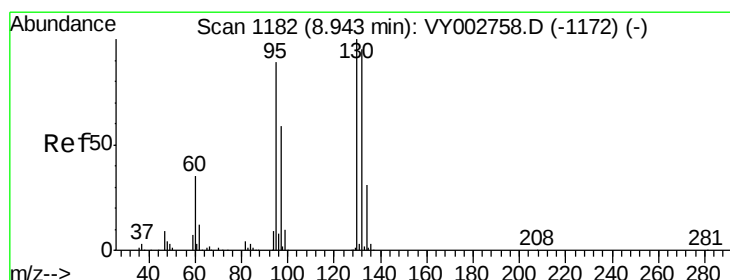
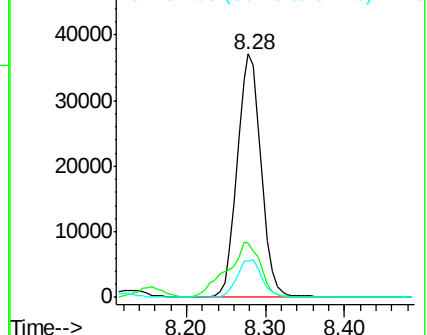
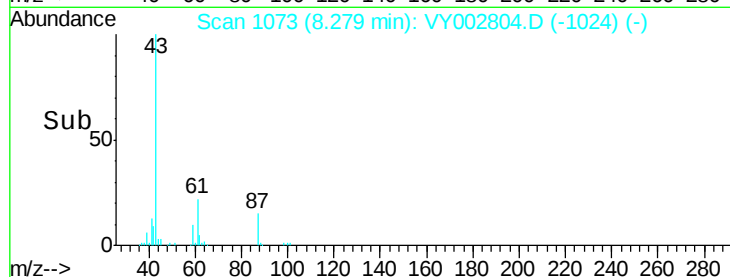
43 100

61 31.4 24.8 37.2

87 16.0 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002804.D (-1024) (-)



#44

Trichloroethene

Concen: 21.243 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002804.D

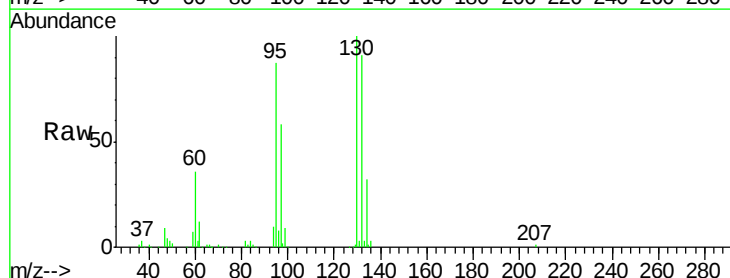
Acq: 01 Jun 2020 12:51

Tgt Ion: 130 Resp: 70427

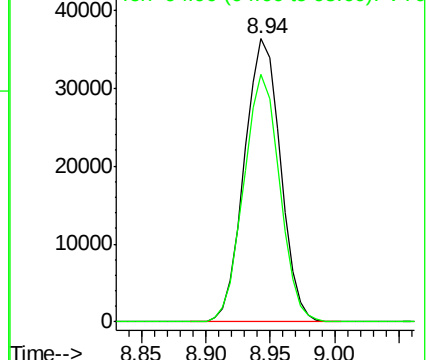
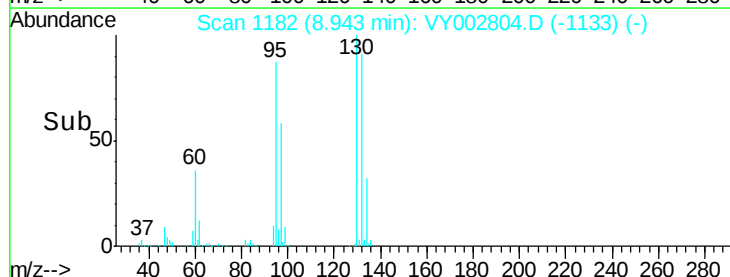
Ion Ratio Lower Upper

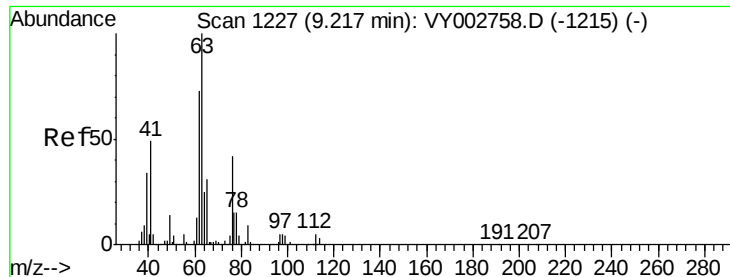
130 100

95 87.4 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002804.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 21.189 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

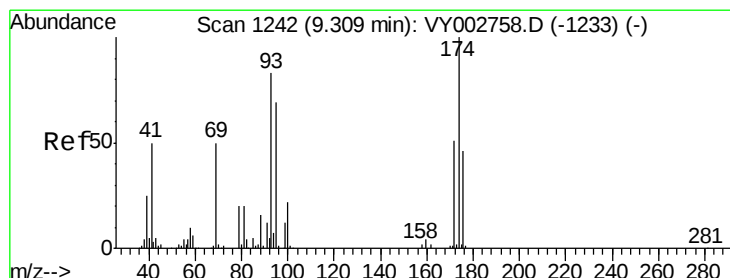
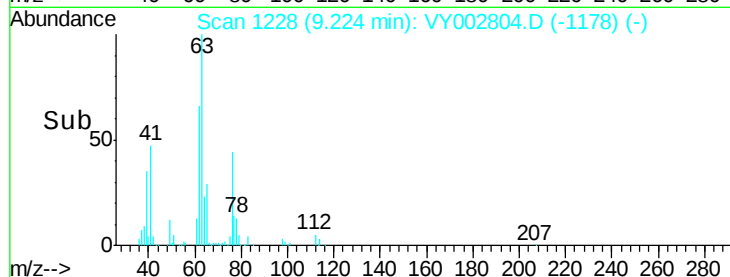
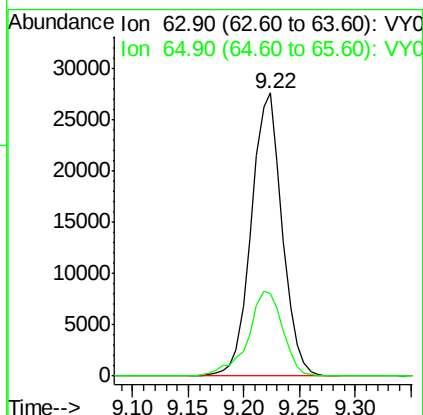
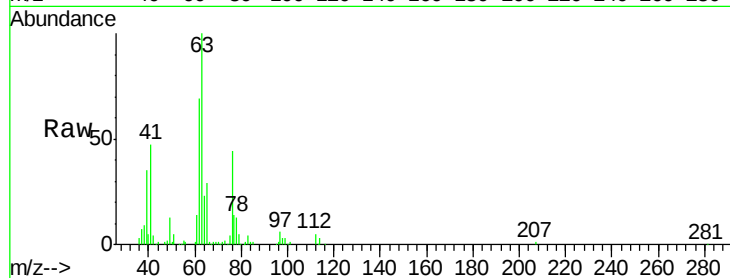
VY0601SBS01

Tot Ion: 63 Resp: 53333

Ion Ratio Lower Upper

63 100

65 28.9 24.8 37.2



#46

Dibromomethane

Concen: 21.525 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

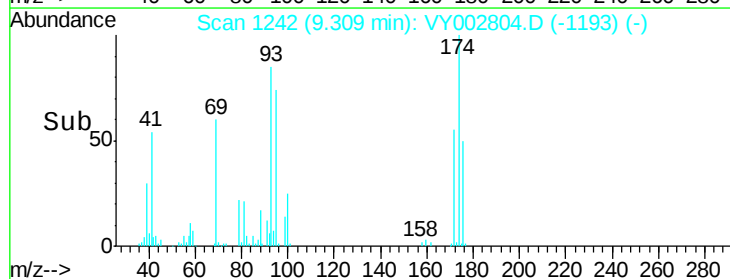
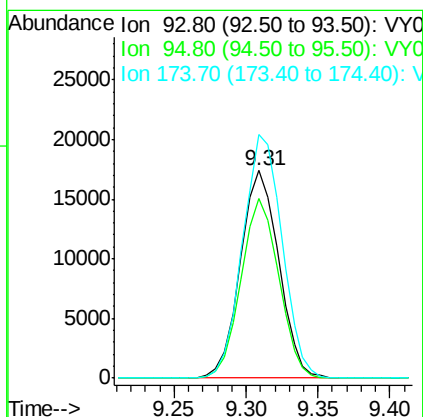
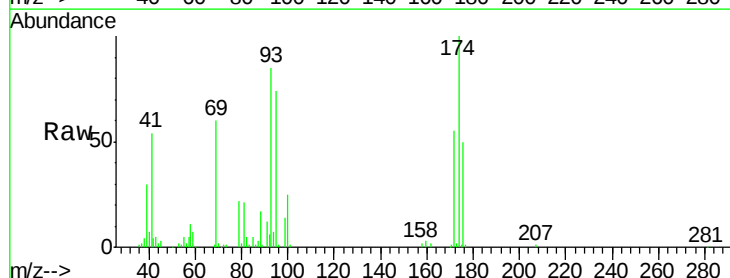
Tgt Ion: 93 Resp: 32177

Ion Ratio Lower Upper

93 100

95 84.9 66.9 100.3

174 120.6 97.7 146.5





#47

Bromodichloromethane

Concen: 21.568 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

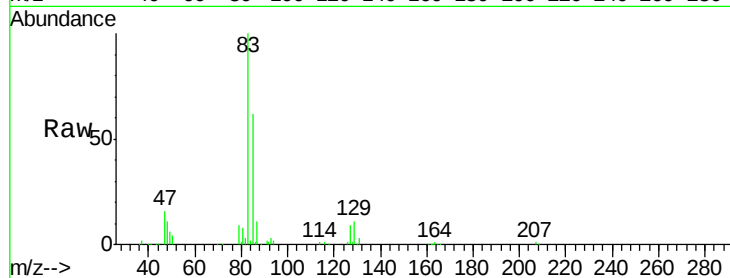
Tot Ion: 83 Resp: 76005

Ion Ratio Lower Upper

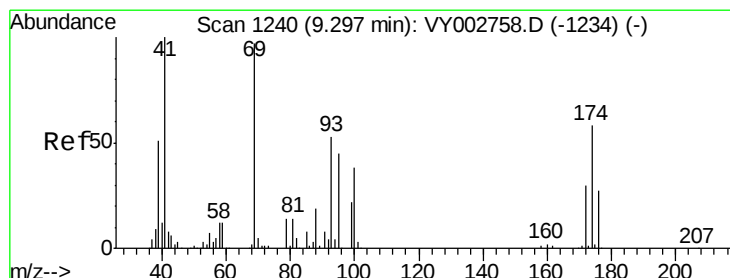
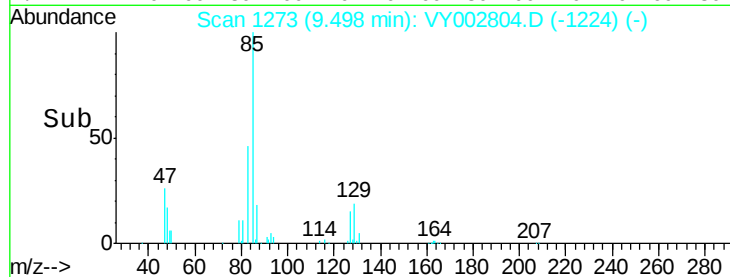
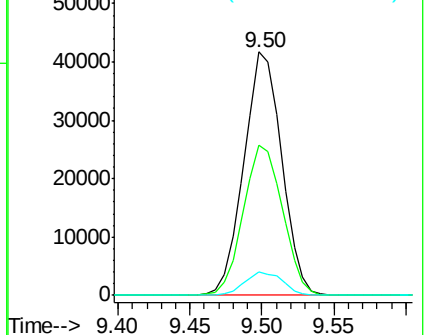
83 100

85 61.8 51.9 77.9

127 9.5 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.443 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

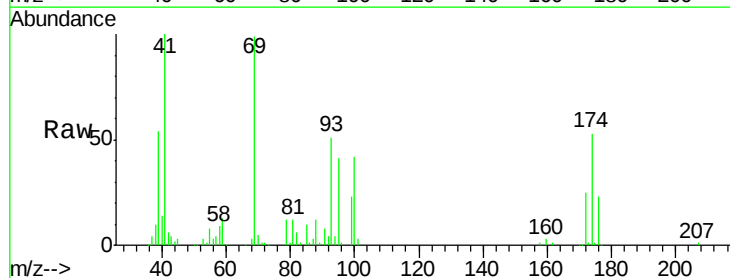
Tgt Ion: 41 Resp: 33799

Ion Ratio Lower Upper

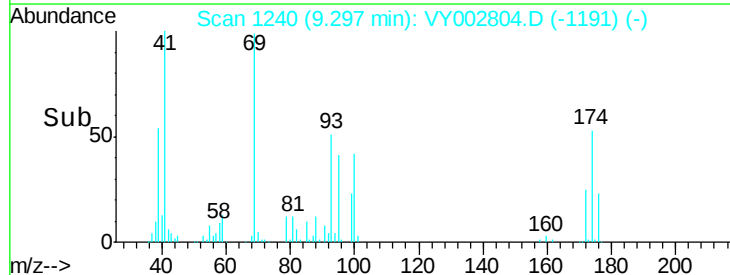
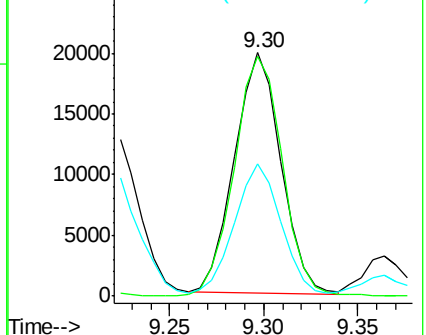
41 100

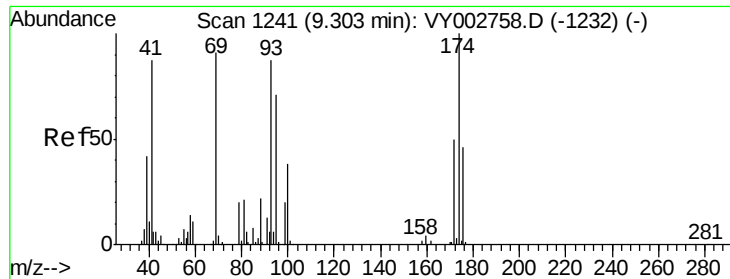
69 103.6 79.7 119.5

39 56.3 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

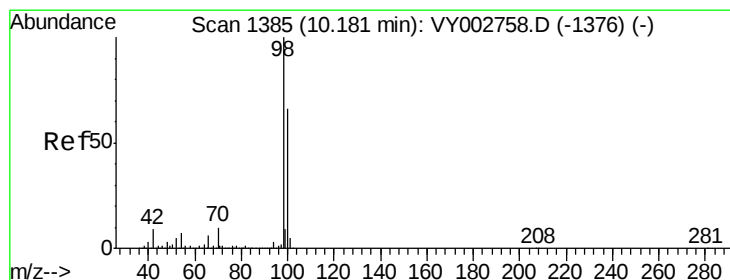
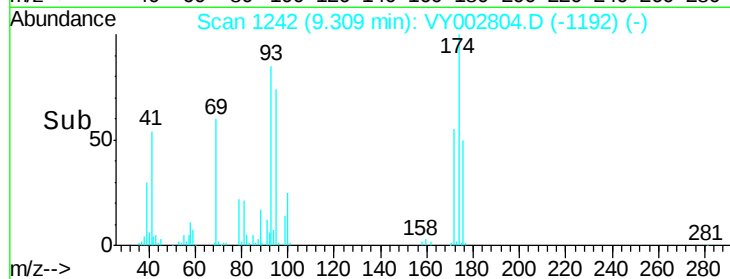
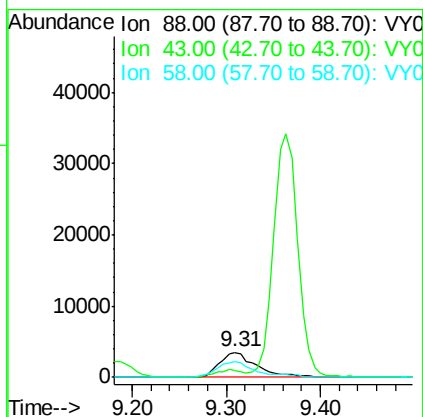
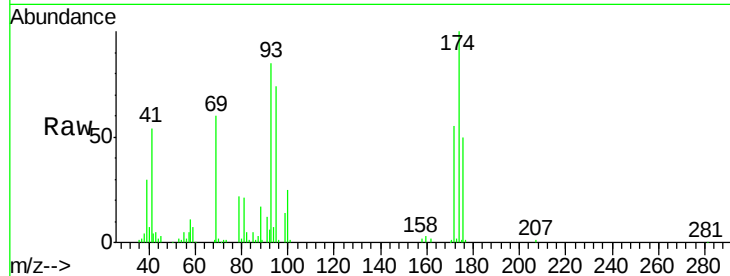




#49
1,4-Dioxane
Concen: 415.330 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

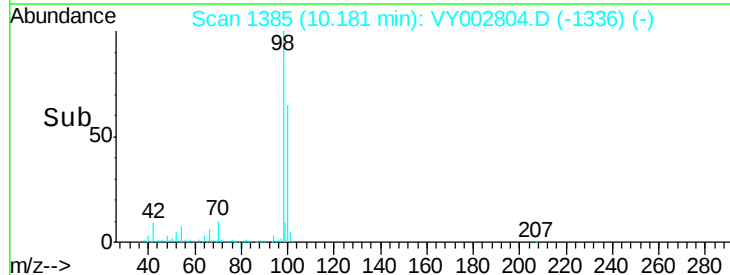
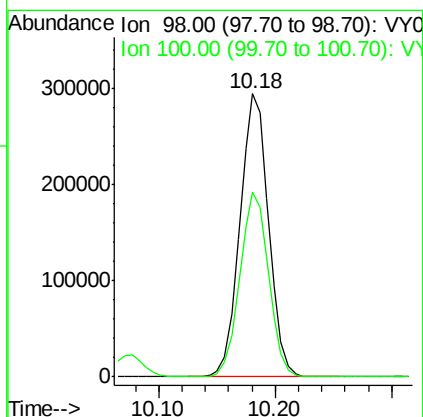
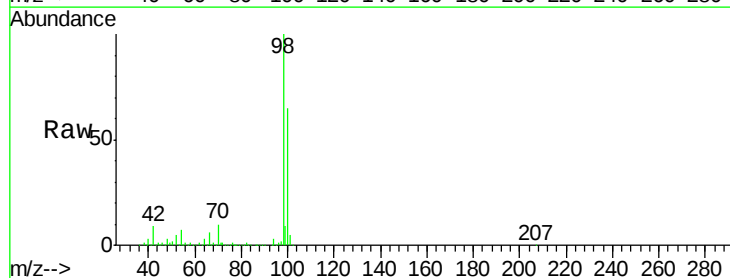
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

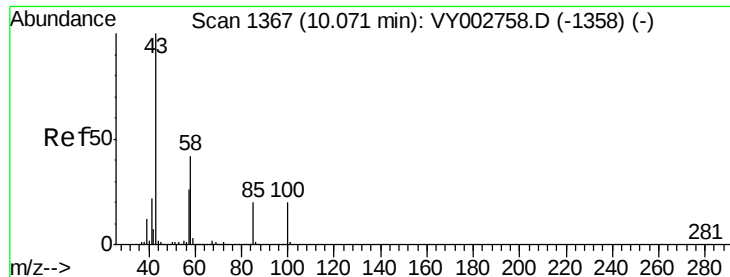
Tot Ion: 88 Resp: 9533
Ion Ratio Lower Upper
88 100
43 23.0 21.3 31.9
58 67.0 52.2 78.2



#50
Toluene-d8
Concen: 50.270 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion: 98 Resp: 502307
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2

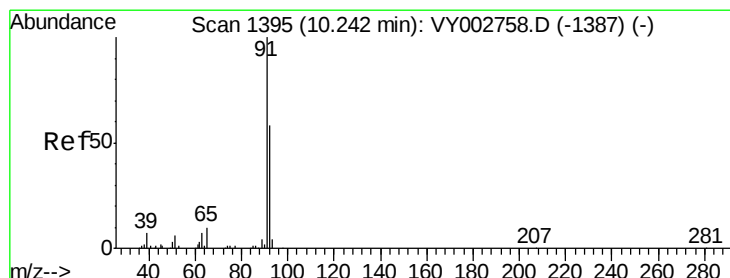
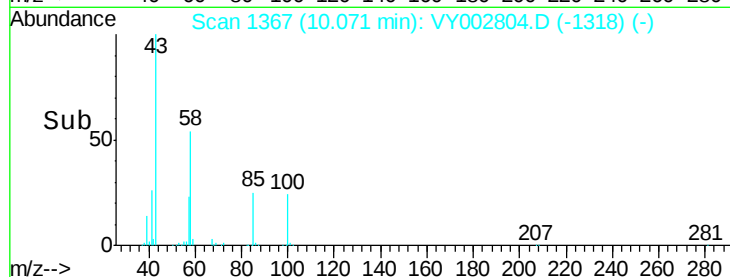
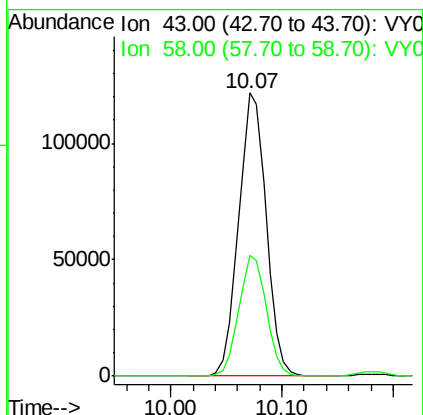
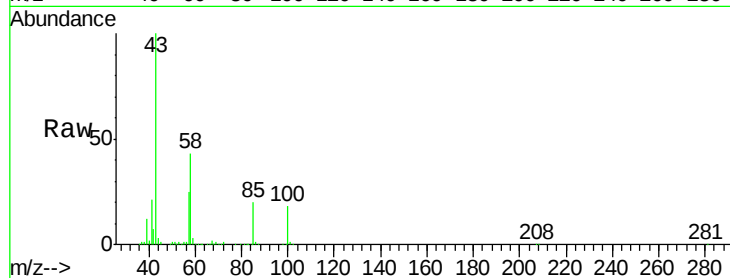




#51
 4-Methyl-2-Pentanone
 Concen: 107.507 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

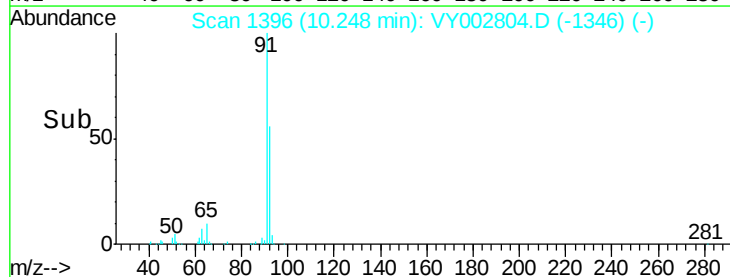
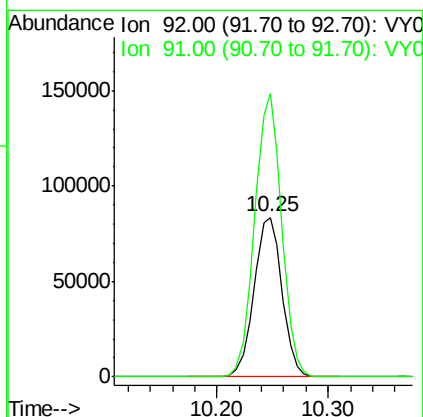
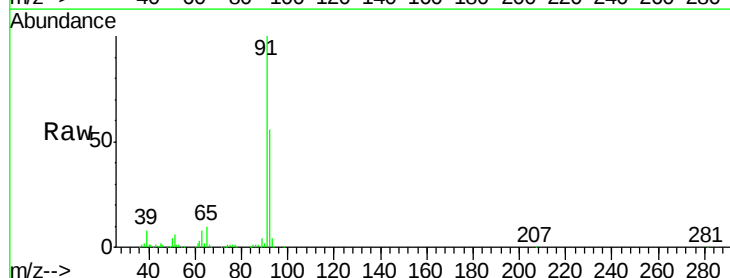
Instrument :
 MSVOA_Y
 ClientSampled :
 VY0601SBS01

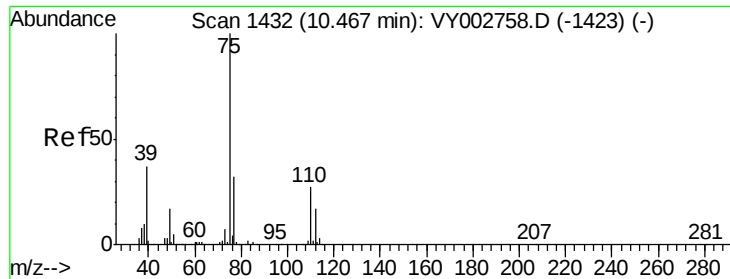
Tot Ion: 43 Resp: 208492
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.2 51.2



#52
 Toluene
 Concen: 21.131 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Tgt Ion: 92 Resp: 145094
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.538 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

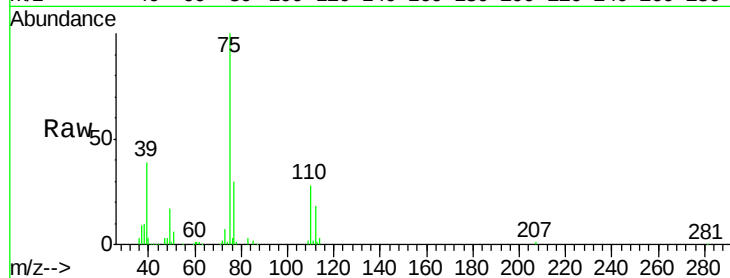
VY0601SBS01

Tot Ion: 75 Resp: 82904

Ion Ratio Lower Upper

75 100

77 30.2 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

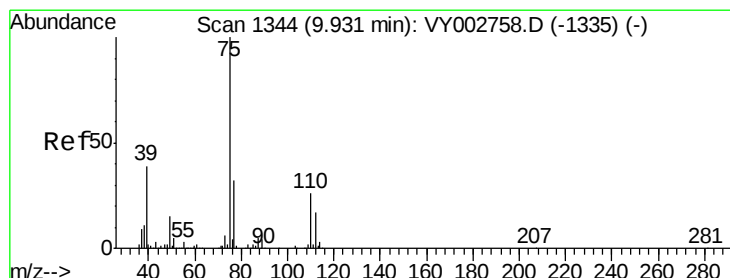
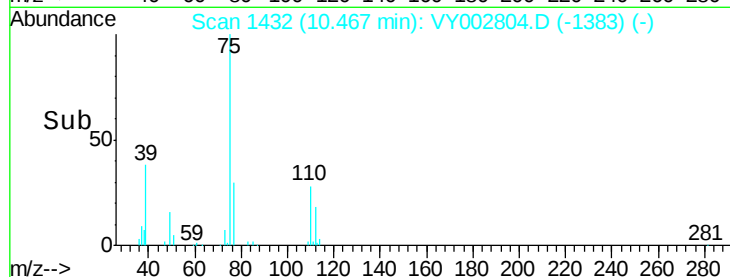
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 21.504 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

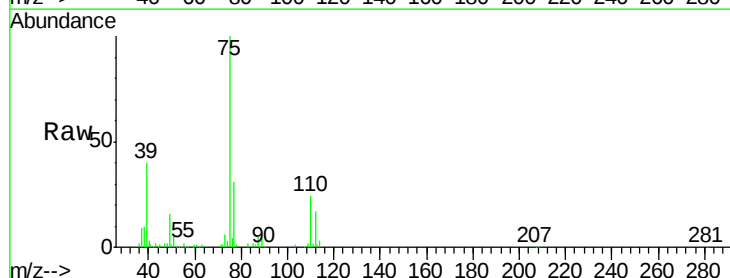
Tgt Ion: 75 Resp: 93788

Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 40.0 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

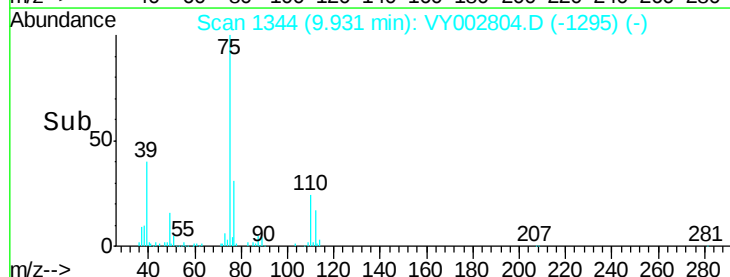
60000

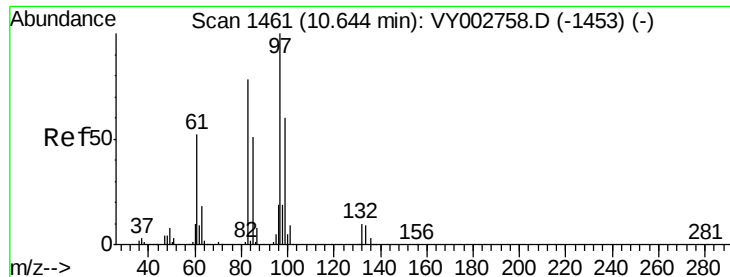
40000

20000

0

Time-->

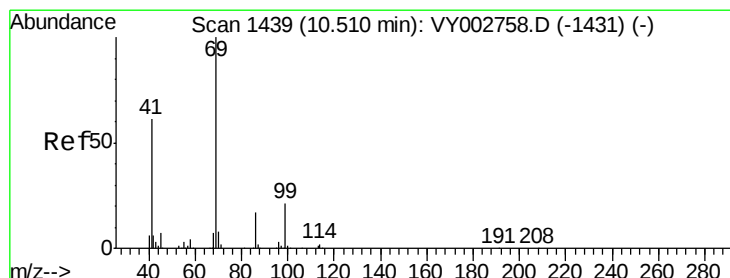
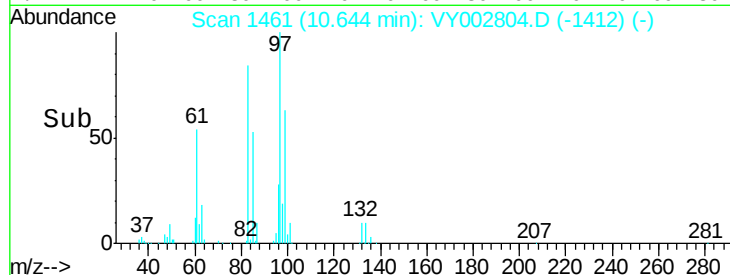
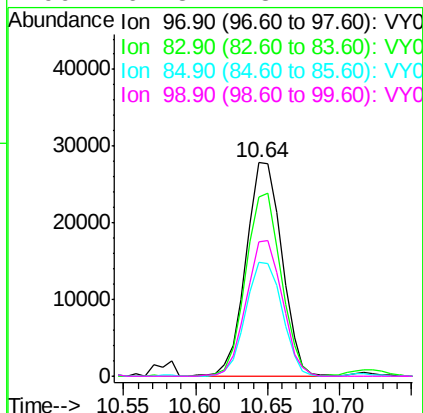
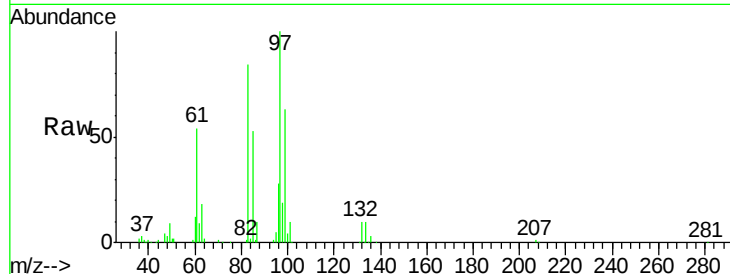




#55
 1,1,2-Trichloroethane
 Concen: 21.106 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

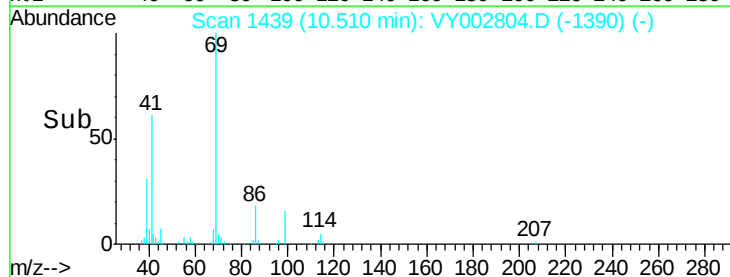
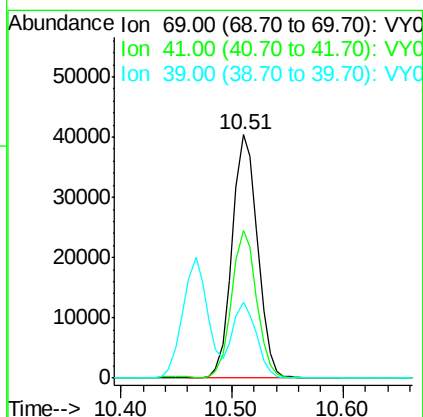
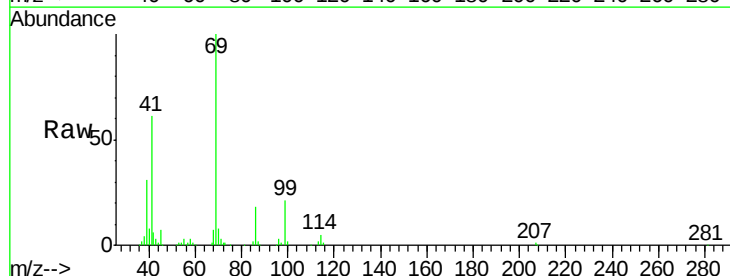
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

Tot Ion:	97	Resp:	48302
Ion	Ratio	Lower	Upper
97	100		
83	84.2	62.7	94.1
85	53.4	40.6	60.8
99	62.8	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 20.873 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Tgt Ion:	69	Resp:	63983
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.0	70.4
39	29.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.369 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

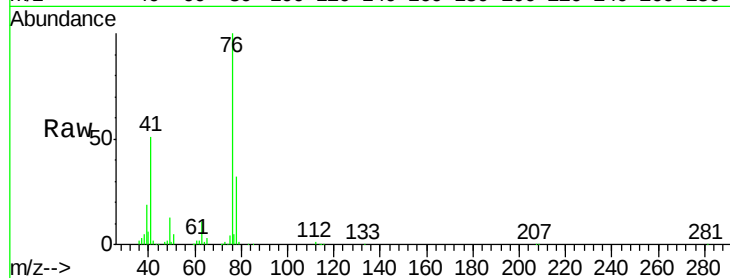
VY0601SBS01

Tot Ion: 76 Resp: 80436

Ion Ratio Lower Upper

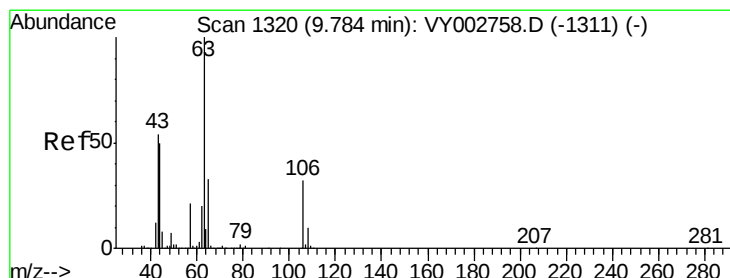
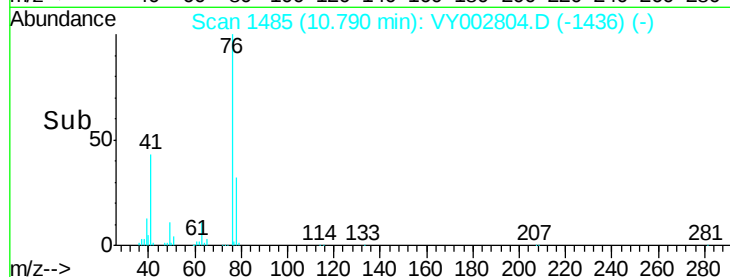
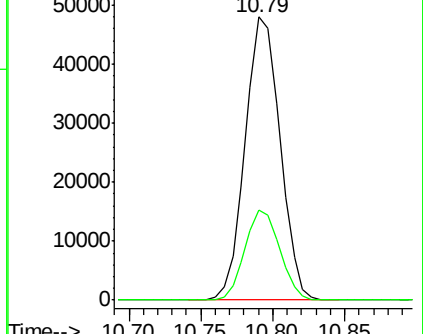
76 100

78 31.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 103.125 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002804.D

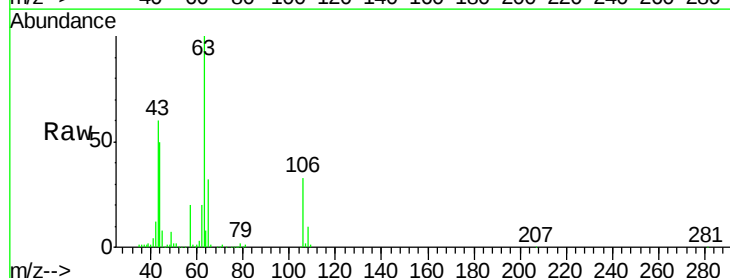
Acq: 01 Jun 2020 12:51

Tgt Ion: 63 Resp: 154460

Ion Ratio Lower Upper

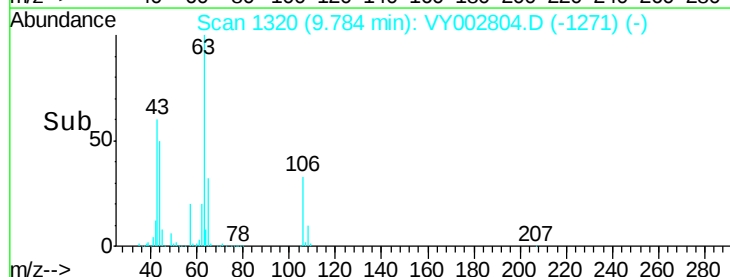
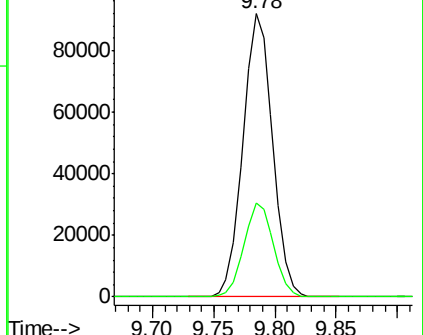
63 100

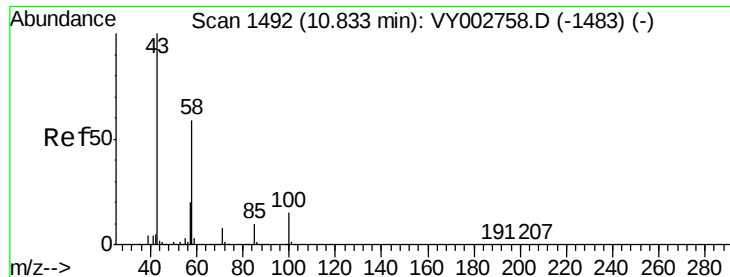
106 32.9 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

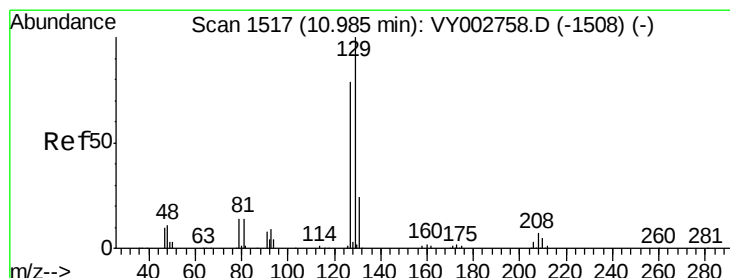
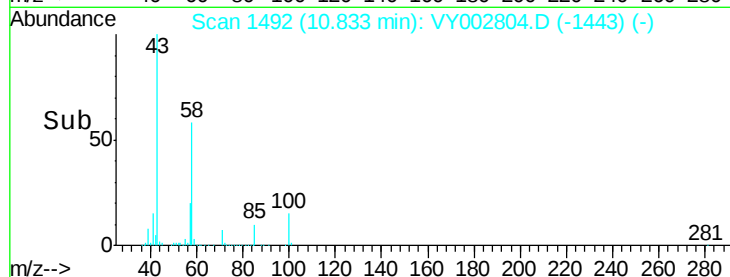
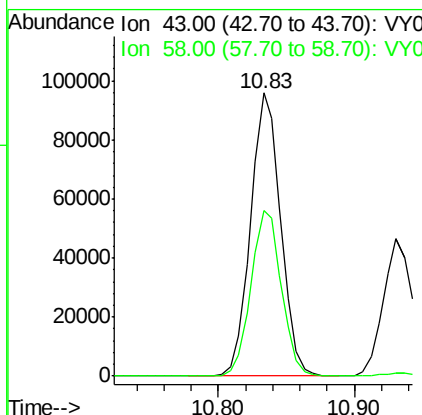
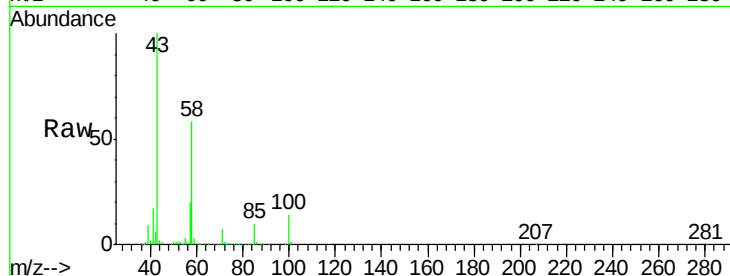




#59
2-Hexanone
Concen: 108.282 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

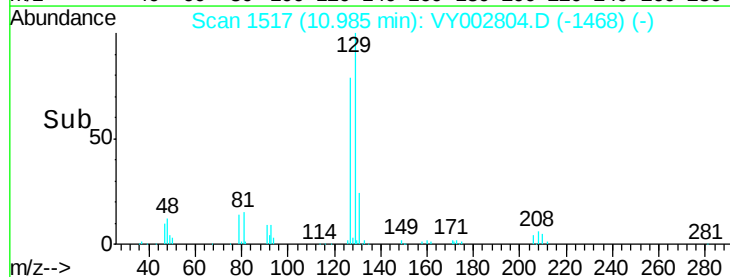
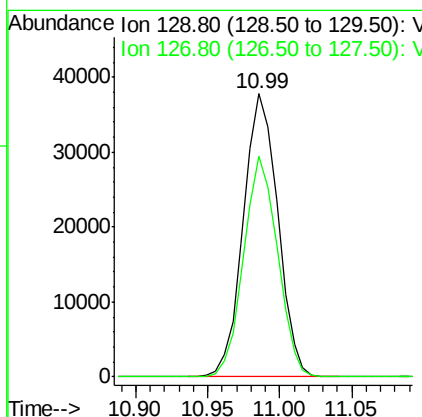
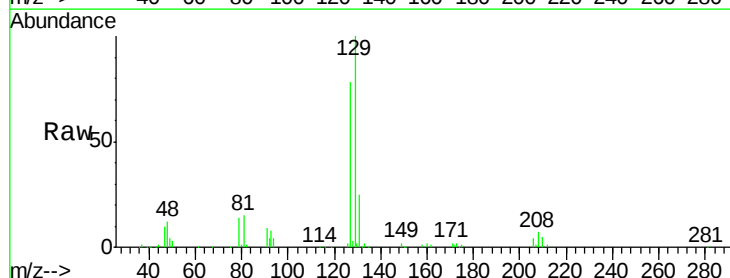
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

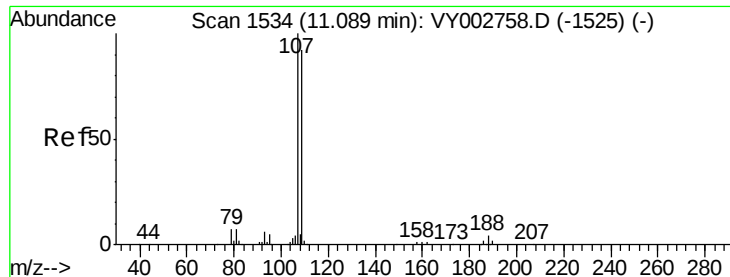
Tot Ion: 43 Resp: 148996
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#60
Dibromochloromethane
Concen: 21.621 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion: 129 Resp: 62734
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.967 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

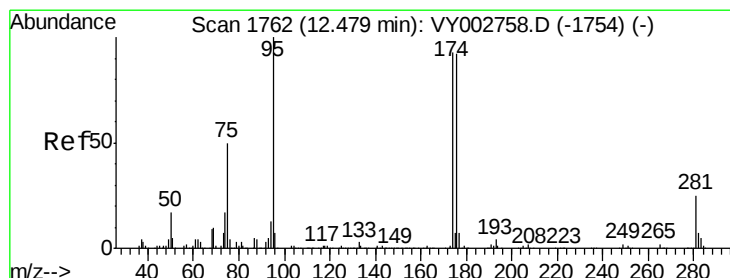
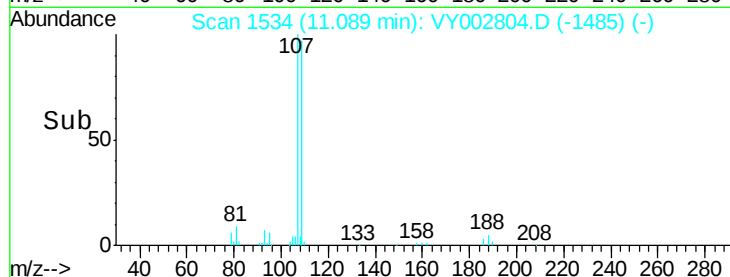
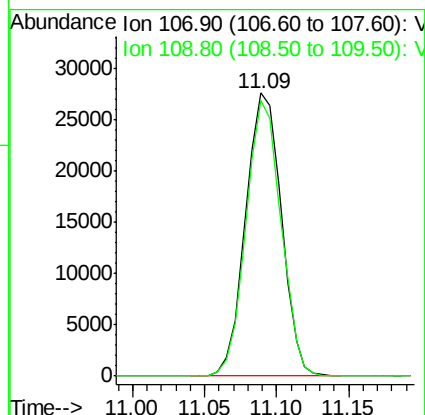
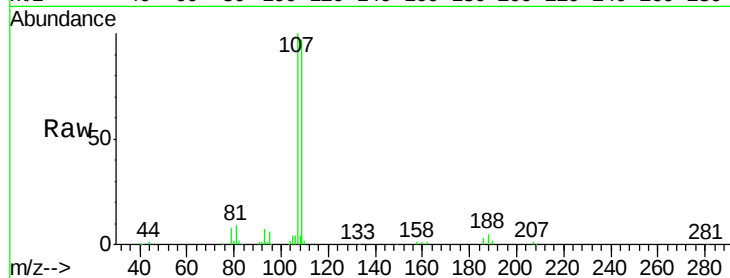
VY0601SBS01

Tot Ion:107 Resp: 47335

Ion Ratio Lower Upper

107 100

109 95.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.114 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

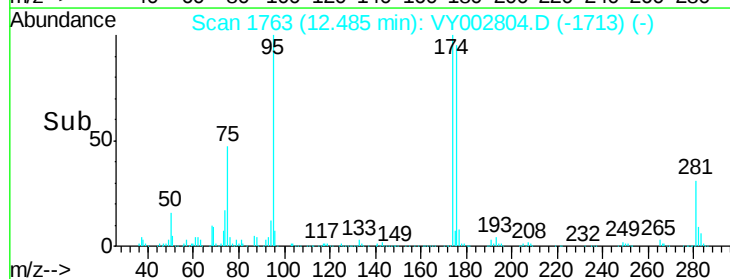
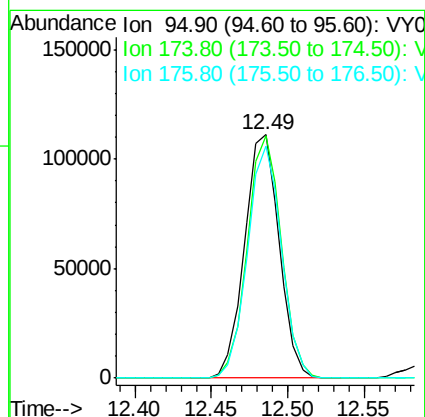
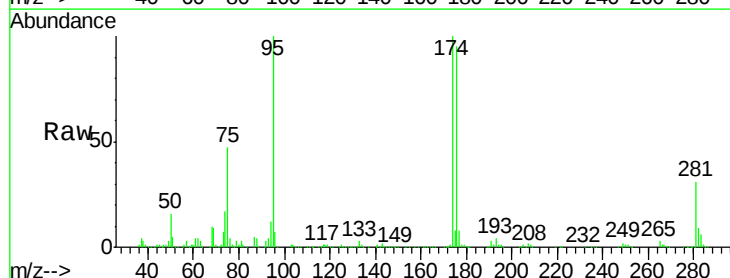
Tgt Ion: 95 Resp: 174546

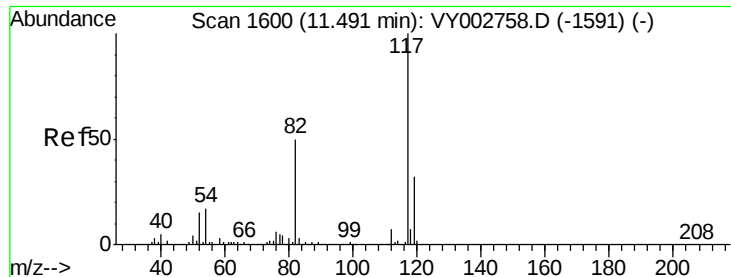
Ion Ratio Lower Upper

95 100

174 97.9 0.0 191.2

176 93.6 0.0 188.8

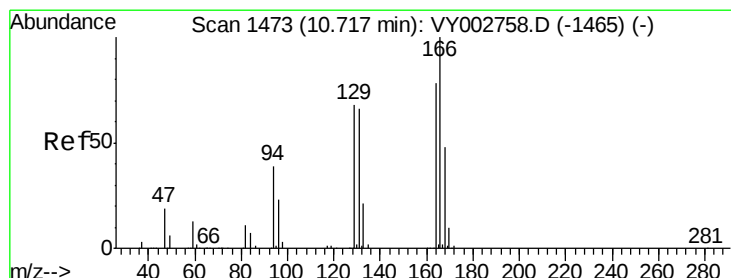
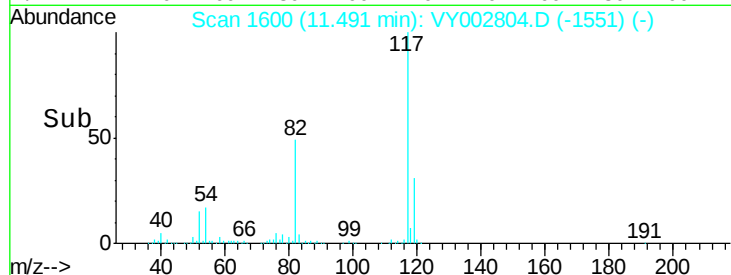
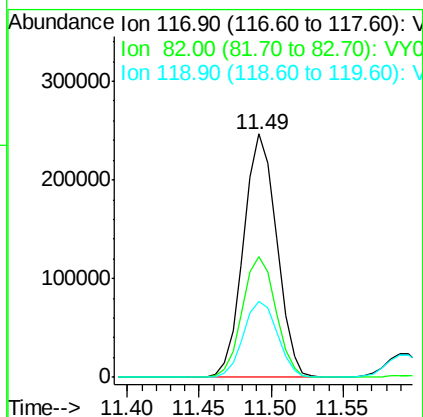
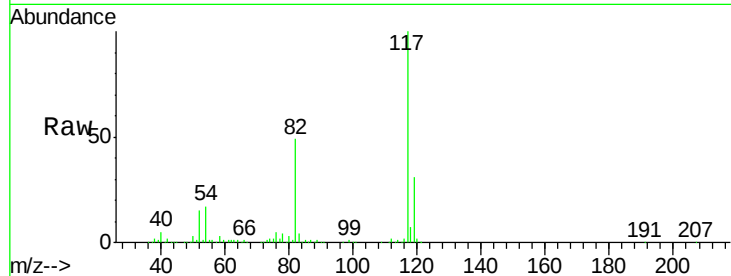




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

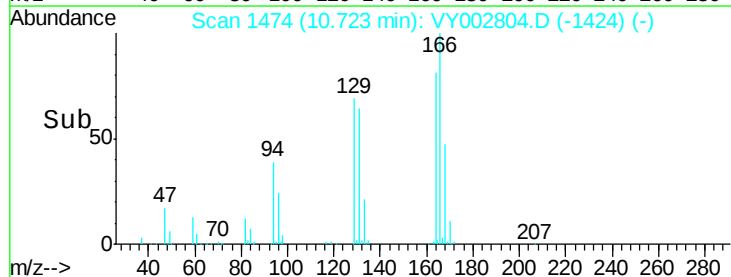
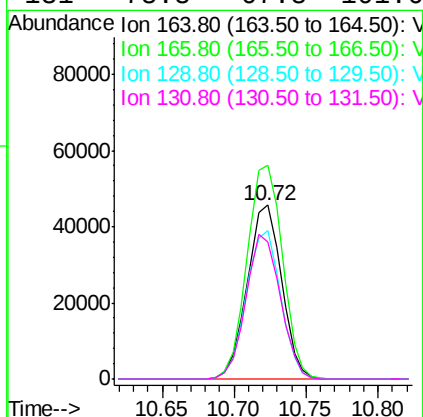
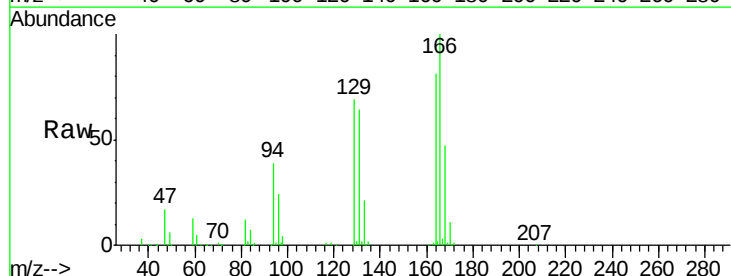
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

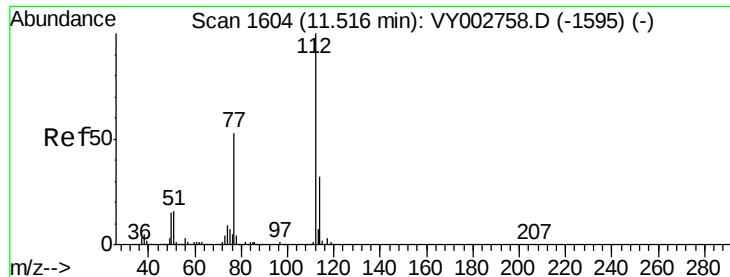
Tot Ion:117 Resp: 393333
Ion Ratio Lower Upper
117 100
82 49.4 40.2 60.4
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 21.027 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion:164 Resp: 75169
Ion Ratio Lower Upper
164 100
166 122.9 102.3 153.5
129 85.3 69.4 104.2
131 78.8 67.8 101.6

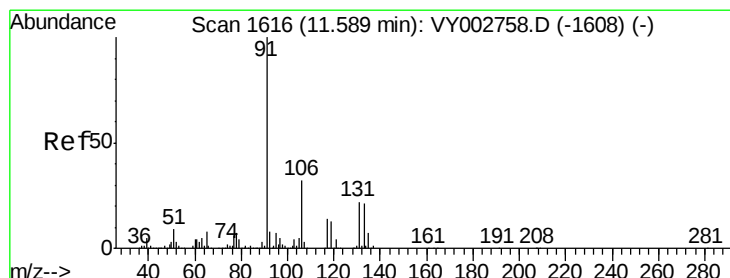
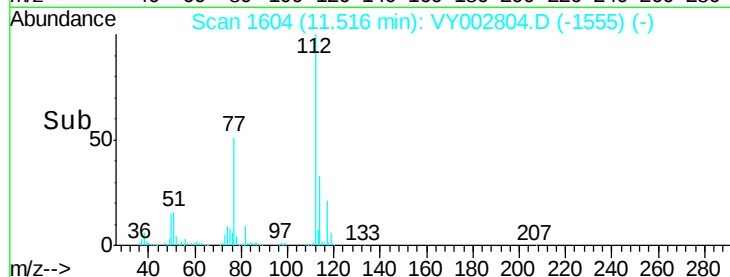
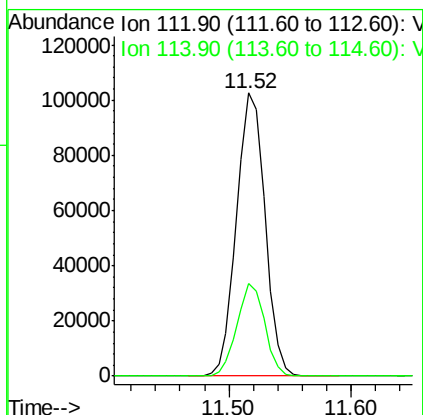
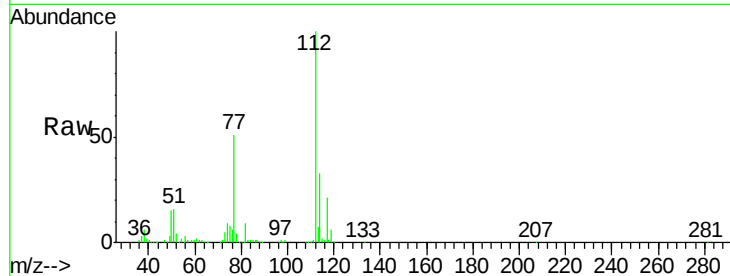




#65
Chlorobenzene
Concen: 21.295 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

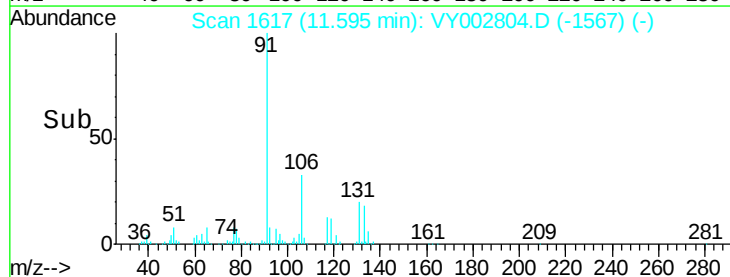
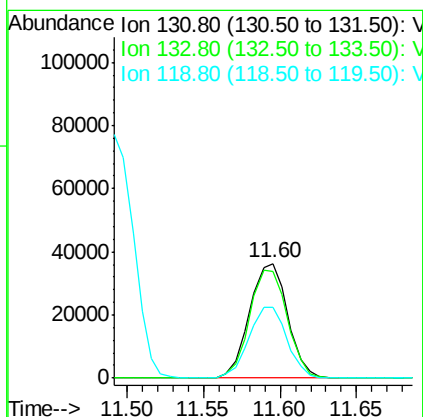
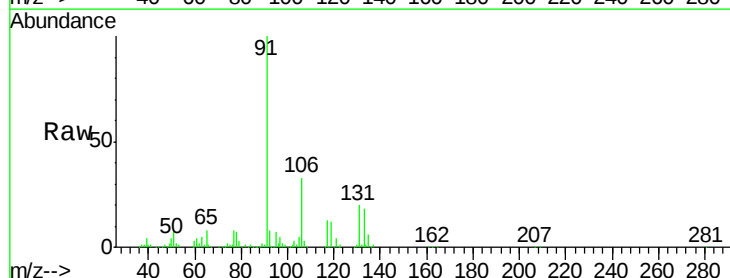
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

Tot Ion:112 Resp: 165550
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.488 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion:131 Resp: 62917
Ion Ratio Lower Upper
131 100
133 94.1 47.6 142.8
119 61.8 31.7 95.1





#67

Ethyl Benzene

Concen: 21.054 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

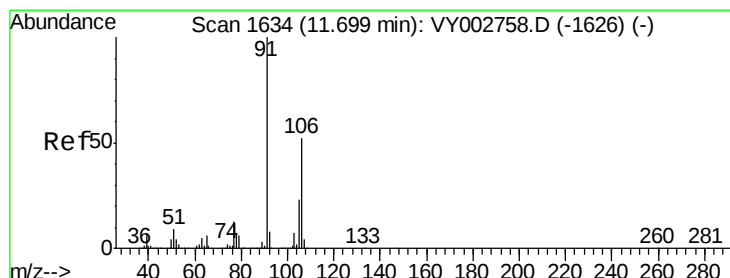
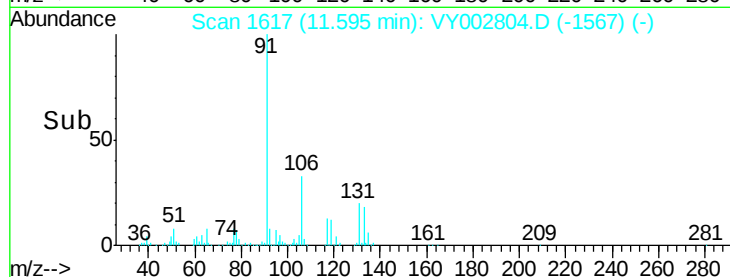
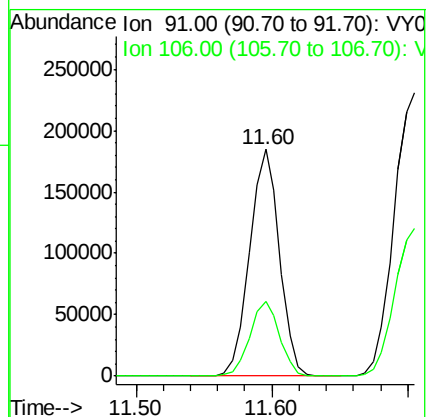
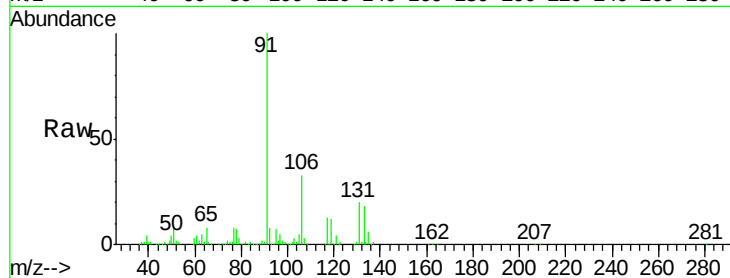
VY0601SBS01

Tot Ion: 91 Resp: 283753

Ion Ratio Lower Upper

91 100

106 32.9 25.7 38.5



#68

m/p-Xylenes

Concen: 42.620 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002804.D

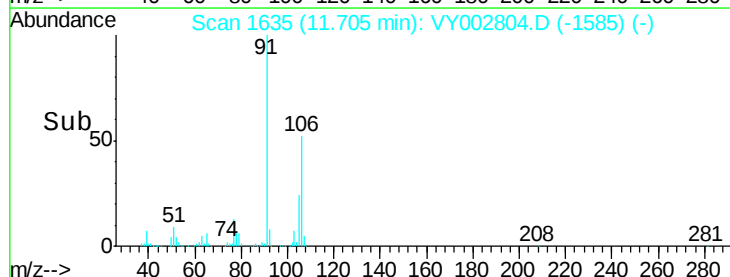
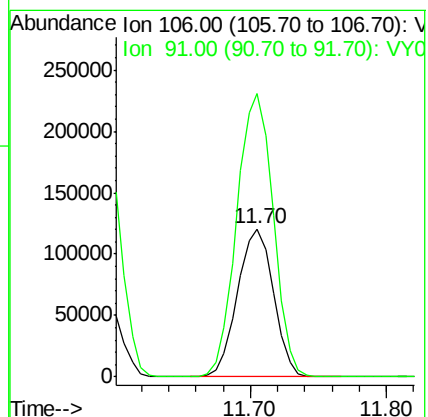
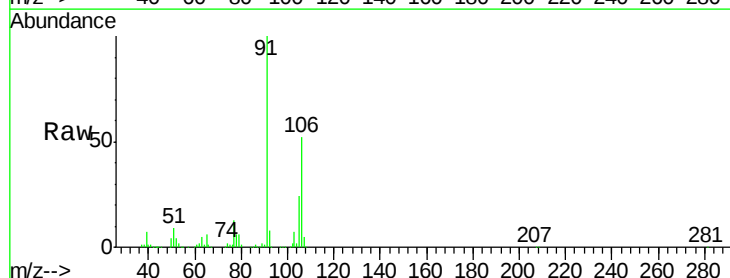
Acq: 01 Jun 2020 12:51

Tgt Ion: 106 Resp: 222710

Ion Ratio Lower Upper

106 100

91 193.6 156.0 234.0

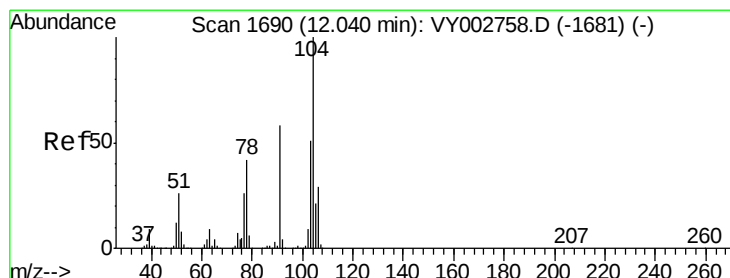
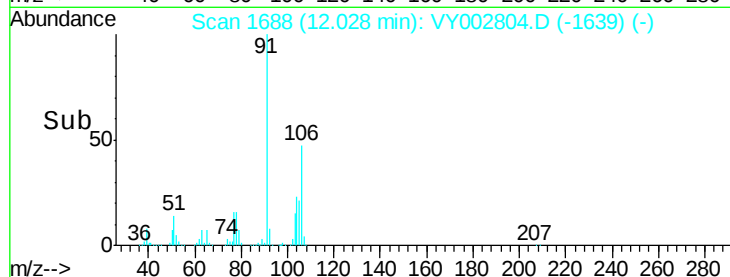
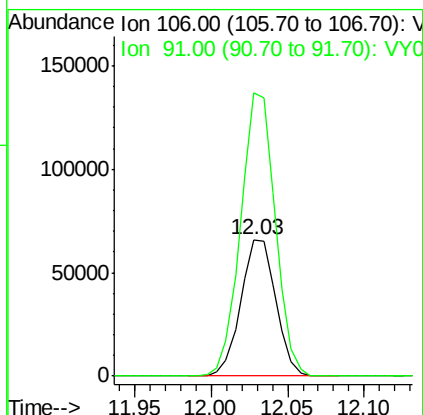
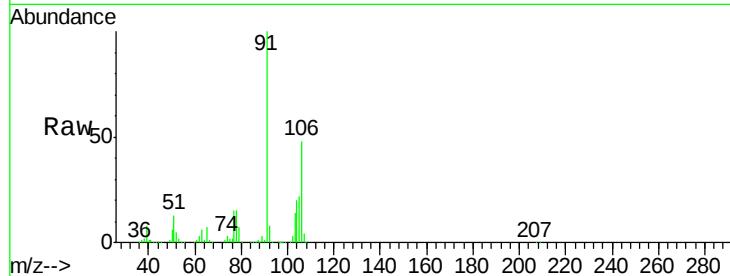




#69
o-Xylene
Concen: 21.233 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

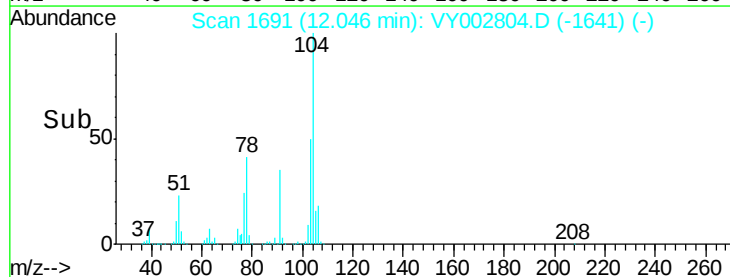
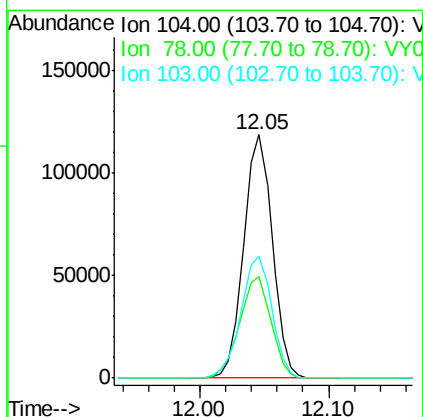
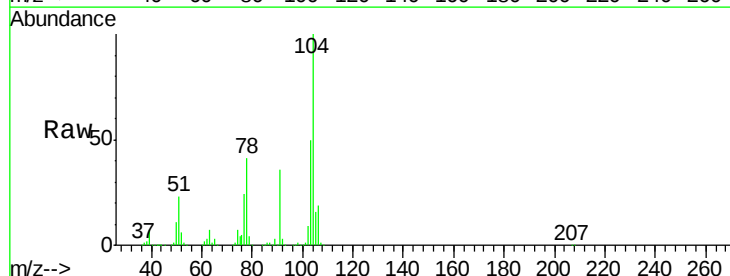
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

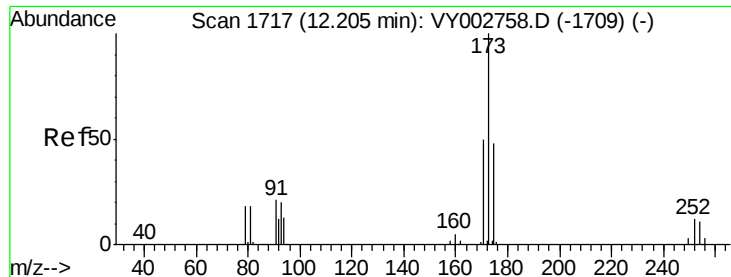
Tot Ion:106 Resp: 104745
Ion Ratio Lower Upper
106 100
91 204.9 102.4 307.1



#70
Styrene
Concen: 21.229 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion:104 Resp: 181540
Ion Ratio Lower Upper
104 100
78 45.6 36.2 54.4
103 54.3 43.6 65.4





#71

Bromoform

Concen: 21.879 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

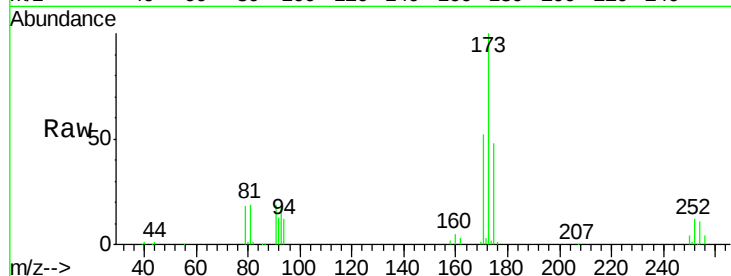
Tot Ion:173 Resp: 42865

Ion Ratio Lower Upper

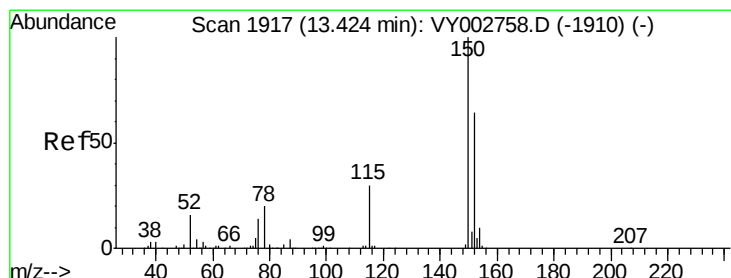
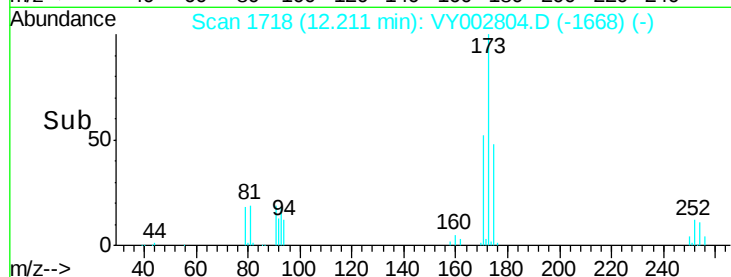
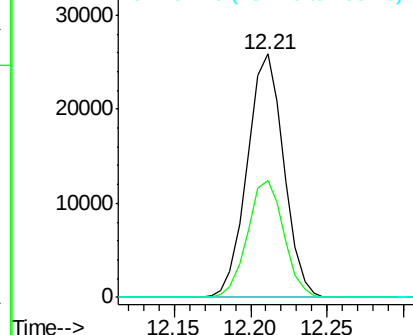
173 100

175 47.7 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

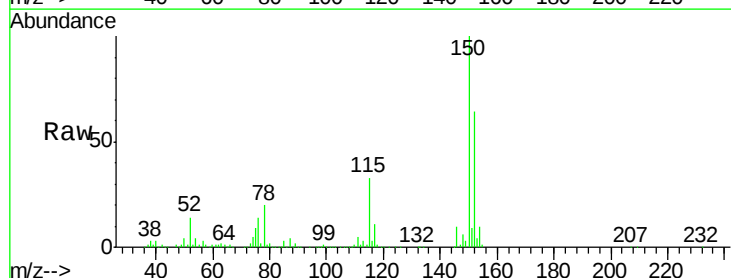
Tgt Ion:152 Resp: 215439

Ion Ratio Lower Upper

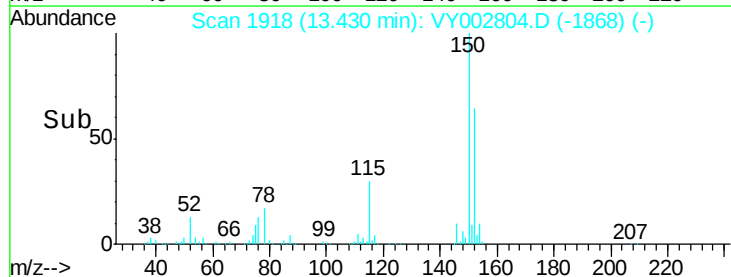
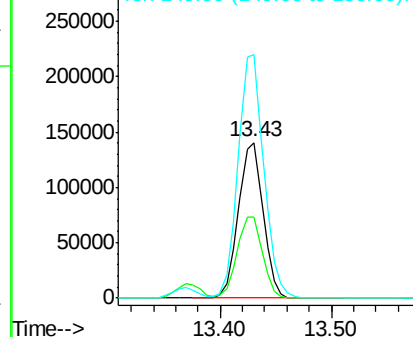
152 100

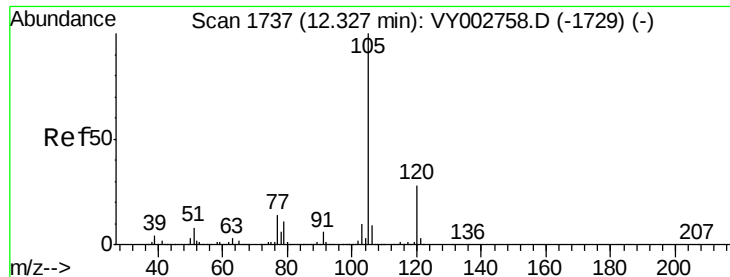
115 53.5 27.0 81.0

150 163.9 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: 20.766 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

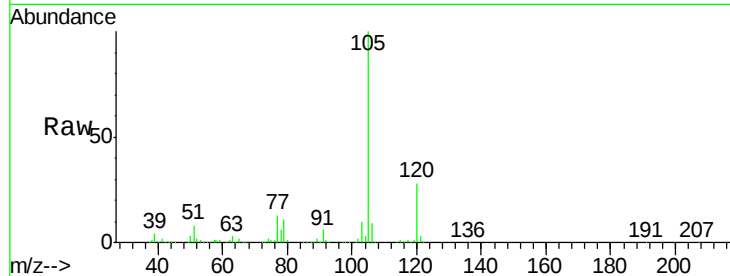
VY0601SBS01

Tot Ion:105 Resp: 286693

Ion Ratio Lower Upper

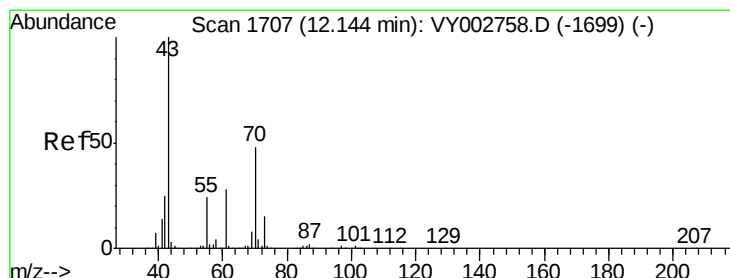
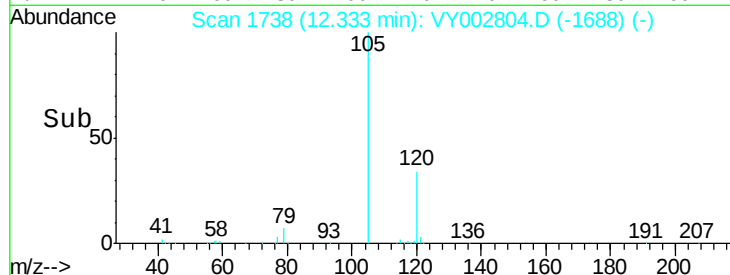
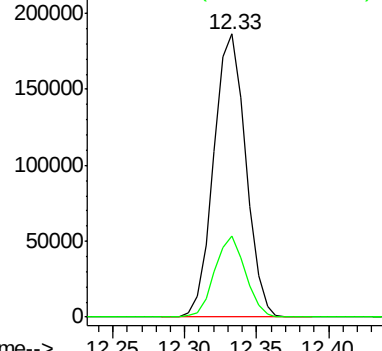
105 100

120 27.4 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: 20.559 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Tgt Ion: 43 Resp: 72828

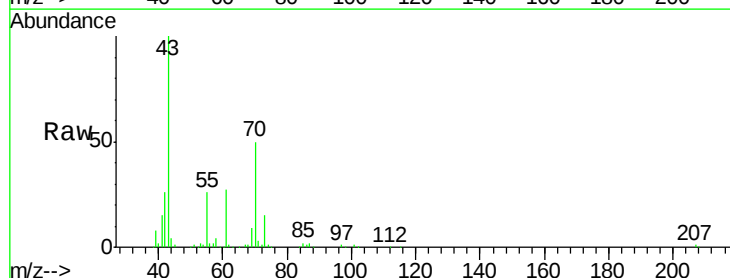
Ion Ratio Lower Upper

43 100

70 49.4 37.7 56.5

55 25.5 19.8 29.6

61 26.7 21.7 32.5

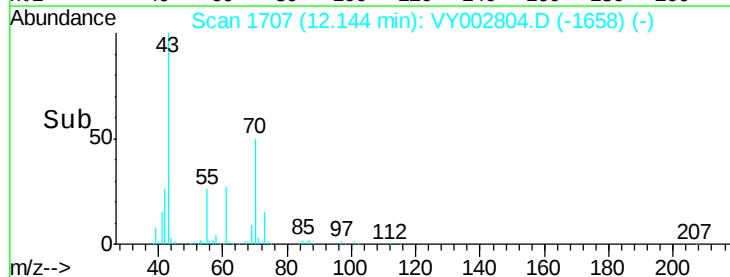
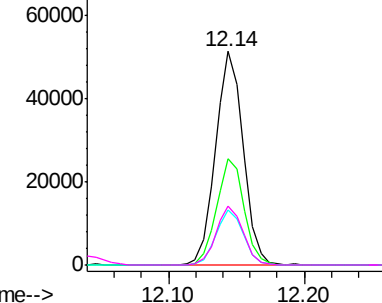


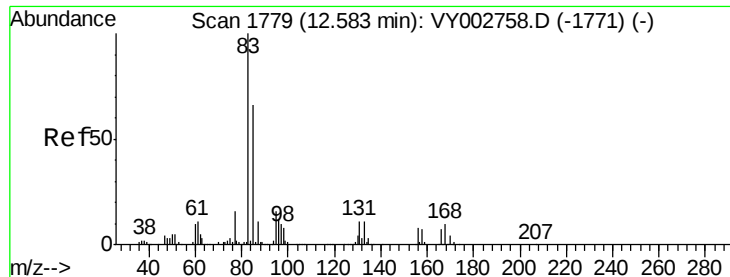
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 21.614 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

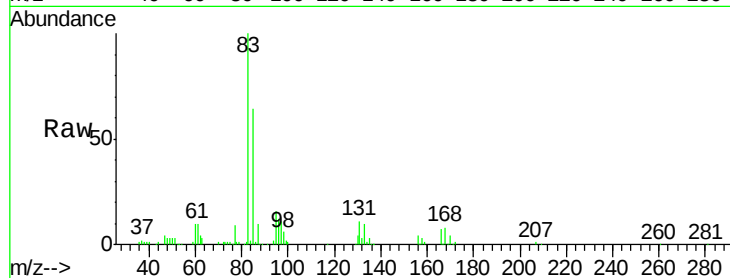
Tot Ion: 83 Resp: 52358

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

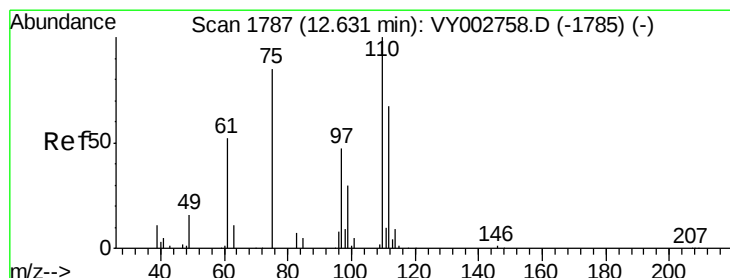
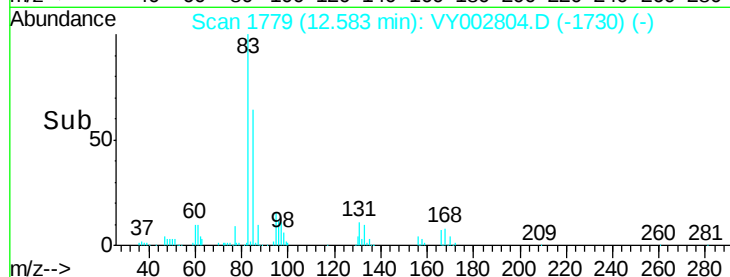
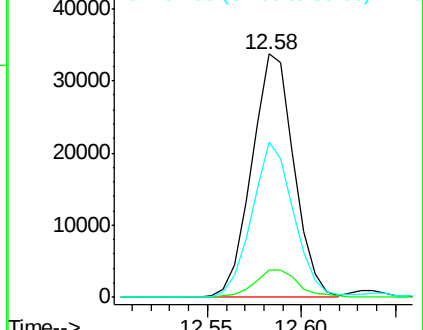
85 63.1 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 18.881 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY002804.D

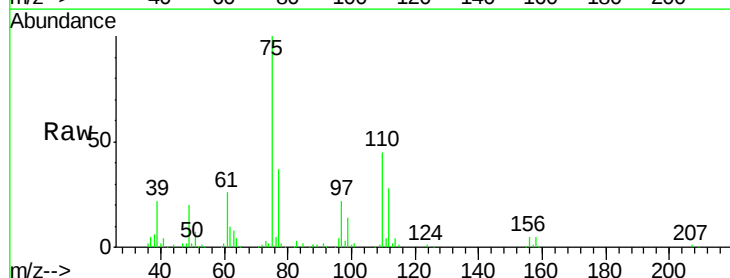
Acq: 01 Jun 2020 12:51

Tgt Ion: 75 Resp: 36652

Ion Ratio Lower Upper

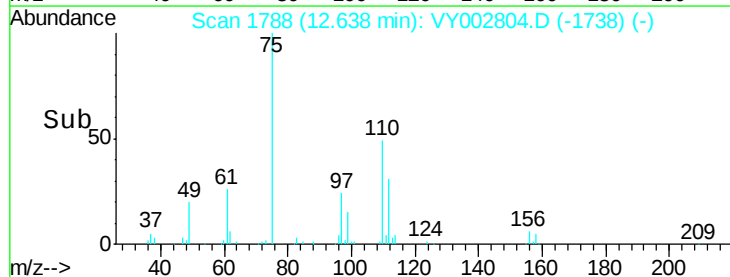
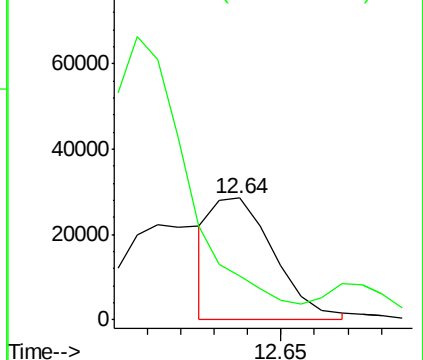
75 100

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: 20.586 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

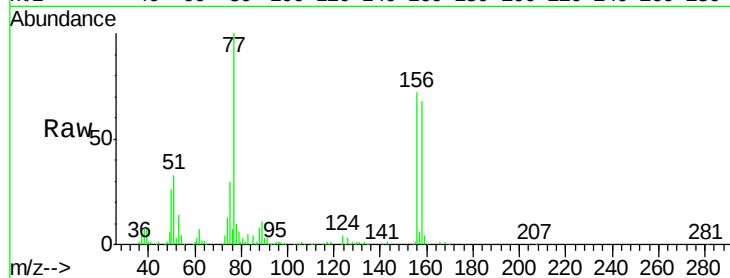
Tot Ion:156 Resp: 74004

Ion Ratio Lower Upper

156 100

77 162.4 81.4 244.2

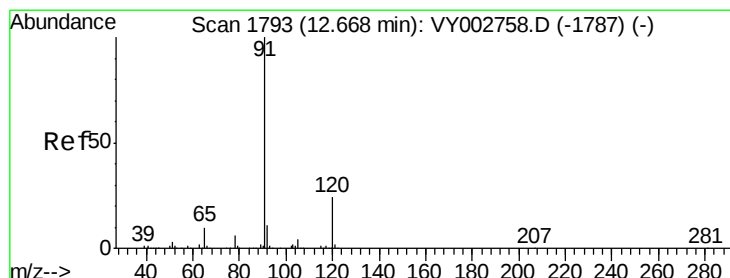
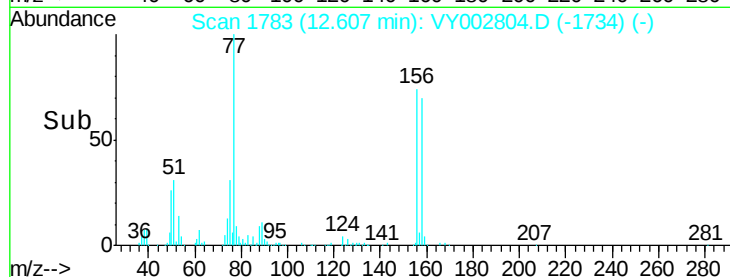
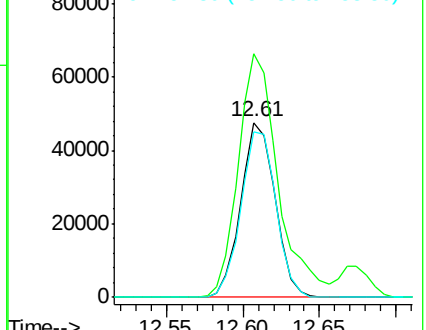
158 97.3 48.5 145.6



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: 20.971 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002804.D

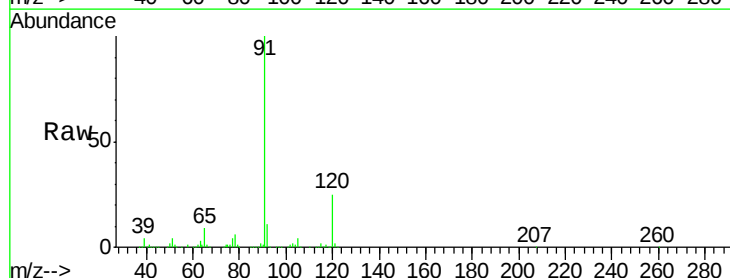
Acq: 01 Jun 2020 12:51

Tgt Ion: 91 Resp: 334442

Ion Ratio Lower Upper

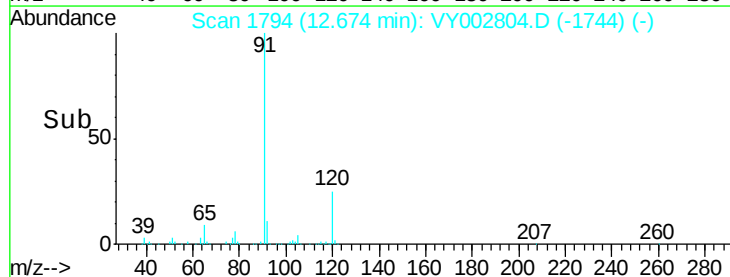
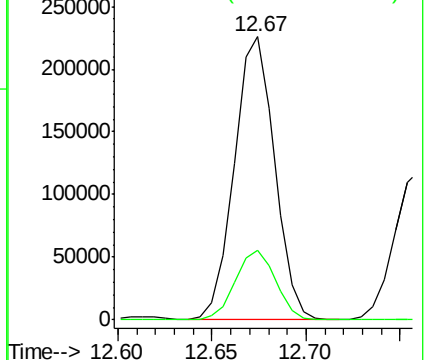
91 100

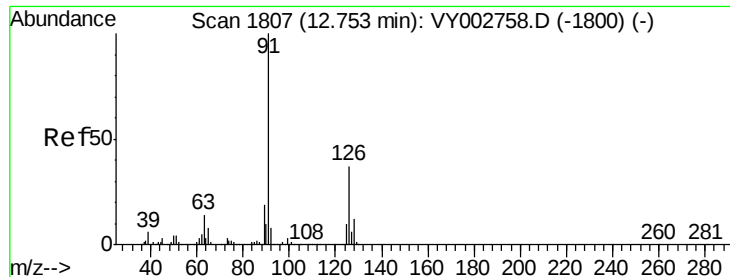
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

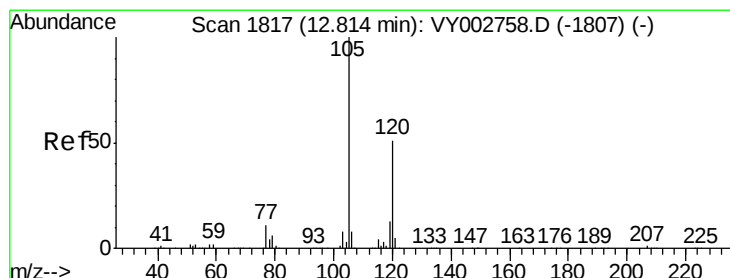
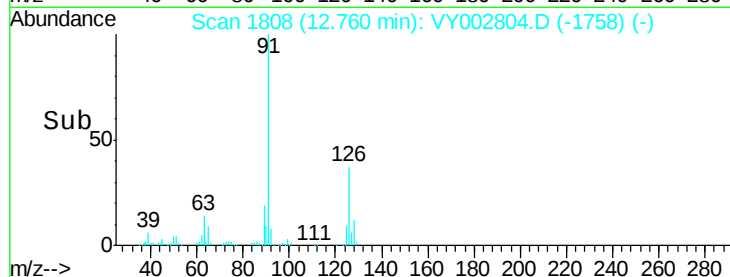
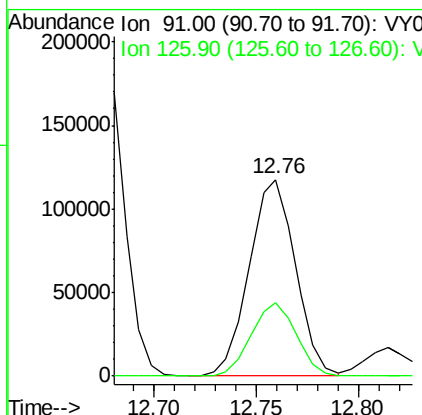
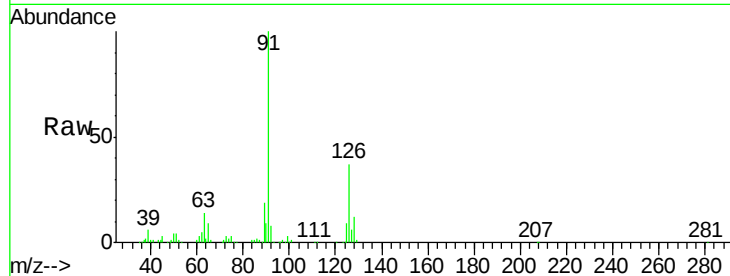




#79
 2-Chlorotoluene
 Concen: 20.750 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

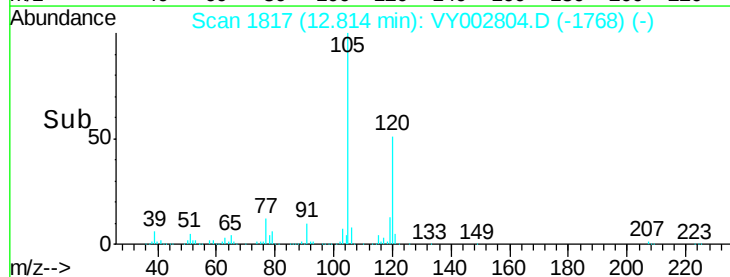
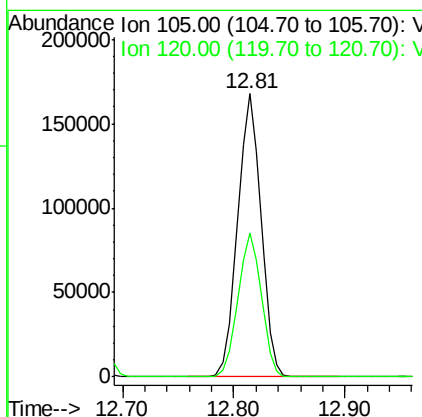
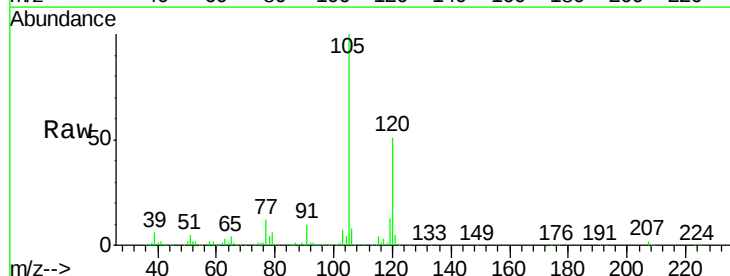
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

Tot Ion: 91 Resp: 185631
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.200 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Tgt Ion: 105 Resp: 244385
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.341 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

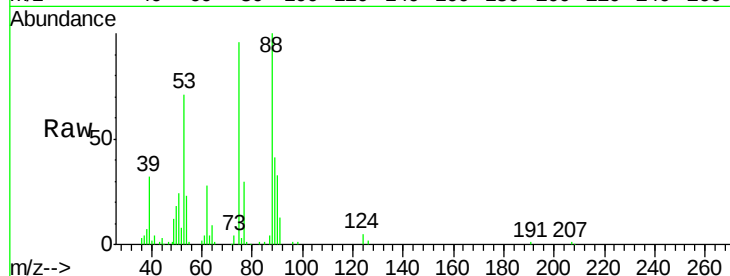
Tot Ion: 75 Resp: 21989

Ion Ratio Lower Upper

75 100

53 80.0 64.0 96.0

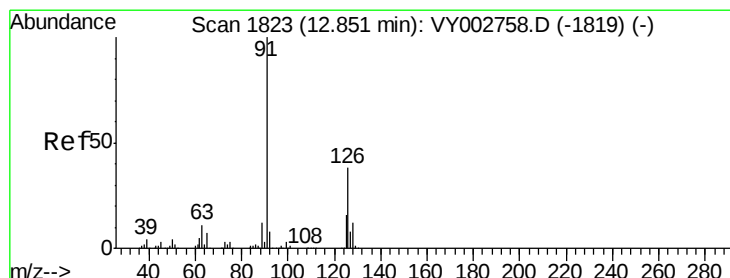
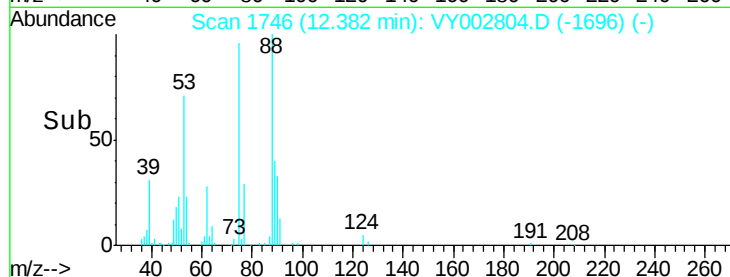
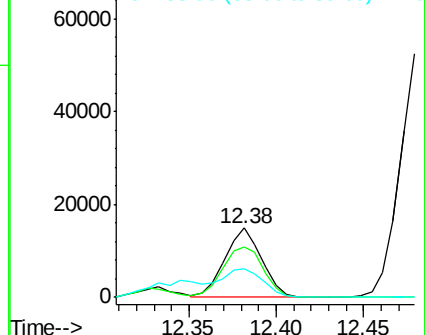
89 48.5 37.4 56.2



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: 20.935 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002804.D

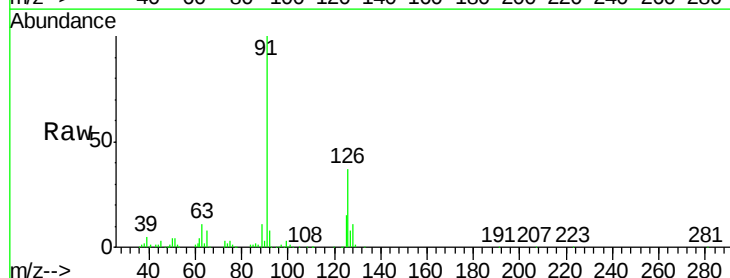
Acq: 01 Jun 2020 12:51

Tgt Ion: 91 Resp: 196222

Ion Ratio Lower Upper

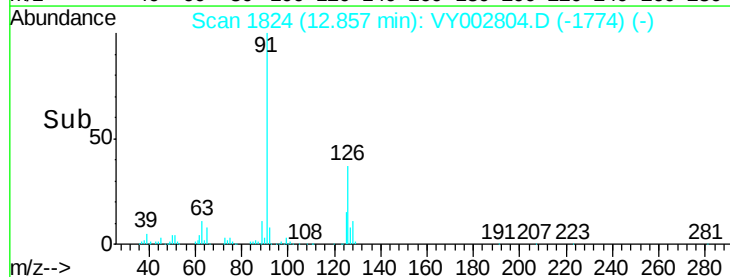
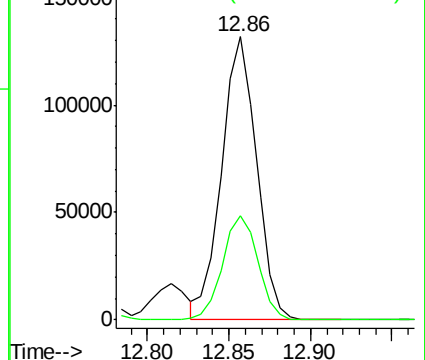
91 100

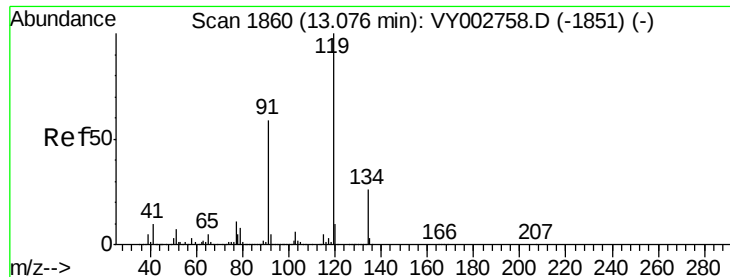
126 37.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.743 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

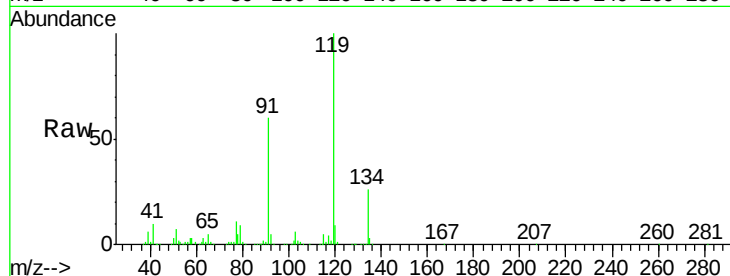
Tot Ion:119 Resp: 213293

Ion Ratio Lower Upper

119 100

91 60.1 29.8 89.4

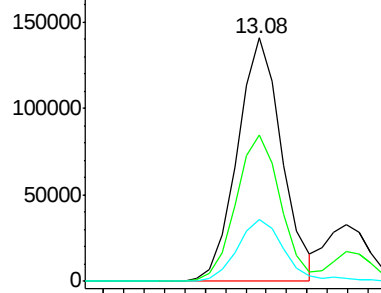
134 27.1 13.3 39.8



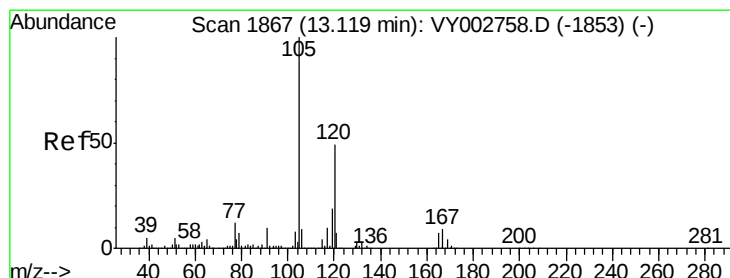
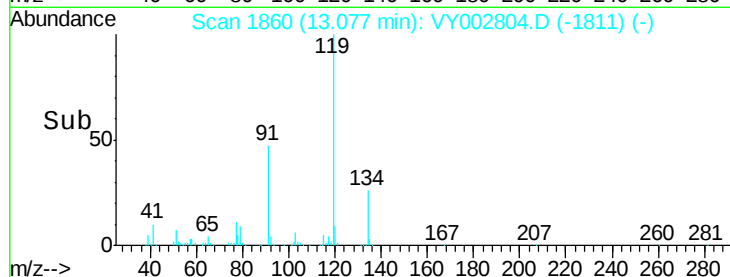
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



Time--> 13.00 13.05 13.10



#84

1,2,4-Trimethylbenzene

Concen: 21.008 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002804.D

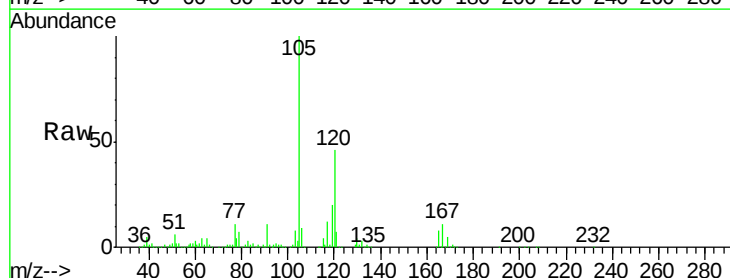
Acq: 01 Jun 2020 12:51

Tgt Ion:105 Resp: 243507

Ion Ratio Lower Upper

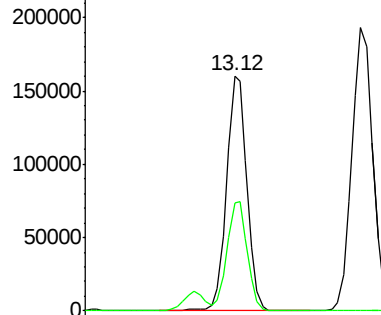
105 100

120 46.6 23.6 70.8

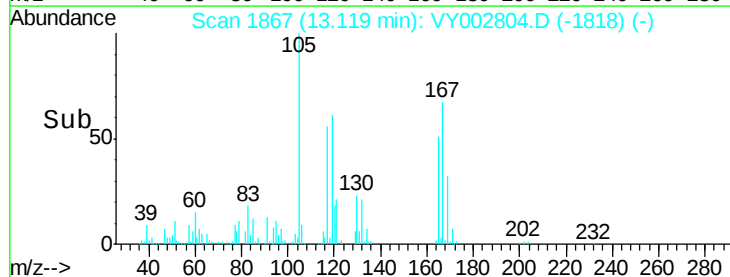


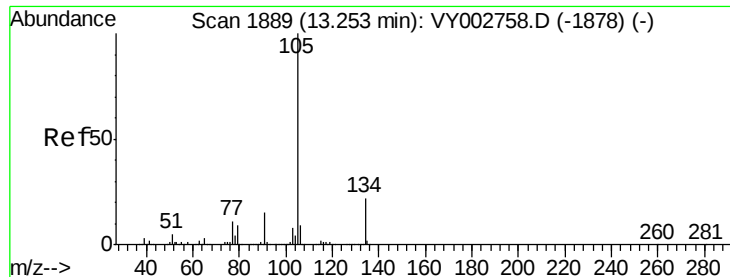
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 13.00 13.10 13.20





#85

sec-Butylbenzene

Concen: 21.022 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

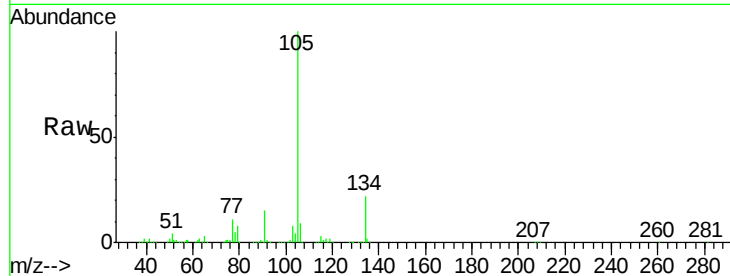
VY0601SBS01

Tot Ion:105 Resp: 295569

Ion Ratio Lower Upper

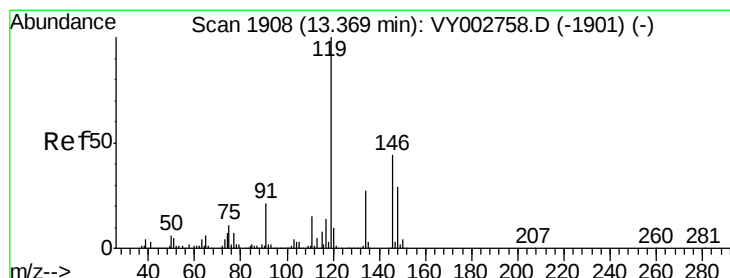
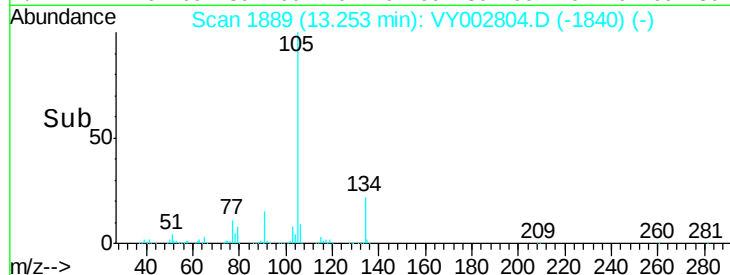
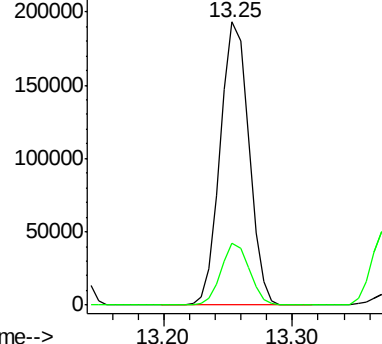
105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.061 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

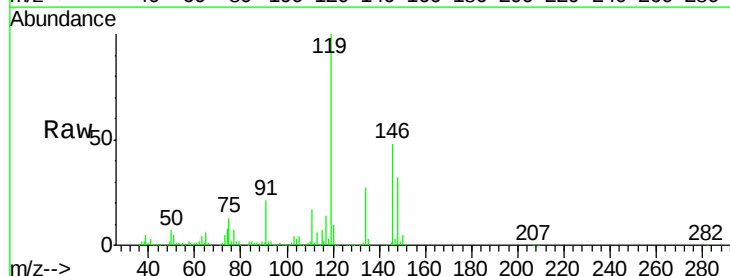
Tgt Ion:119 Resp: 275524

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

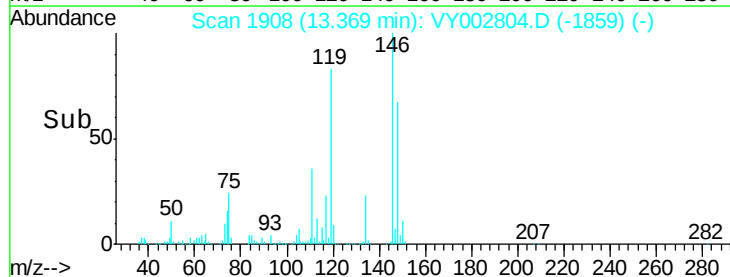
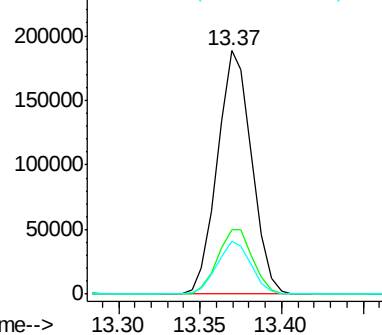
91 21.2 10.8 32.4

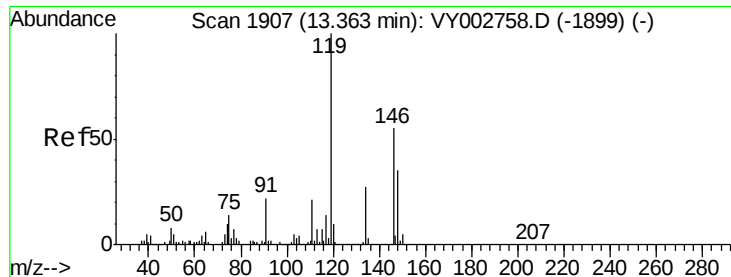


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.582 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0601SBS01

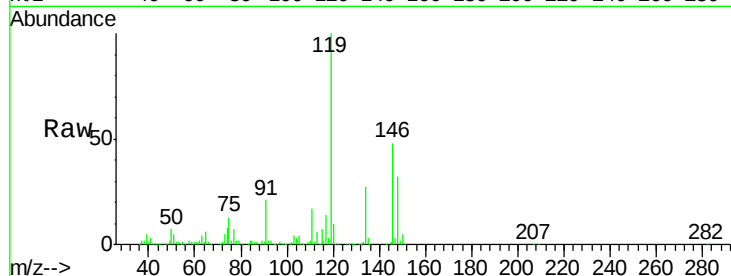
Tot Ion:146 Resp: 140156

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.0

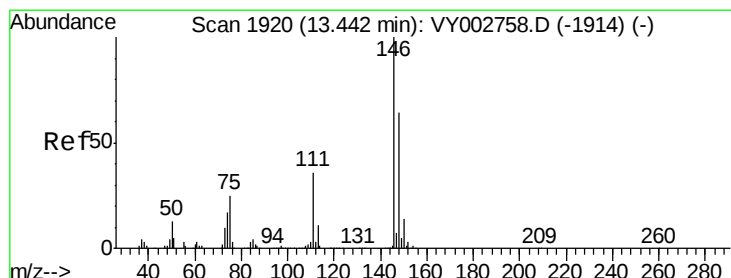
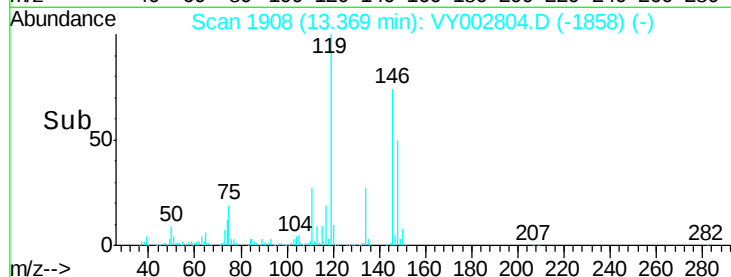
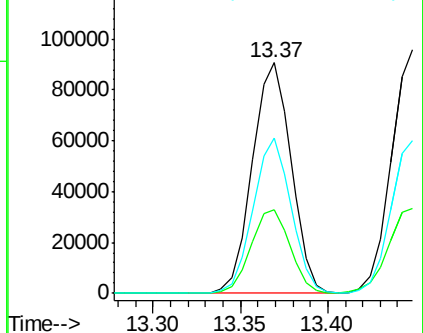
148 65.6 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 21.152 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY002804.D

Acq: 01 Jun 2020 12:51

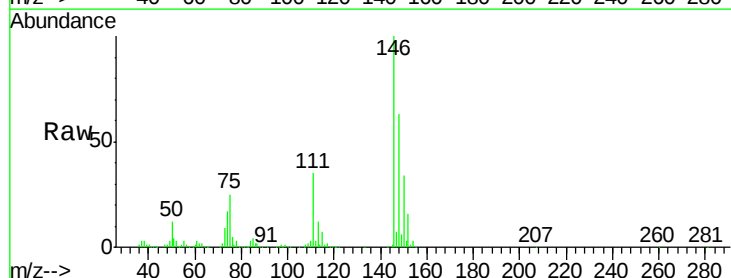
Tgt Ion:146 Resp: 144085

Ion Ratio Lower Upper

146 100

111 36.5 18.1 54.3

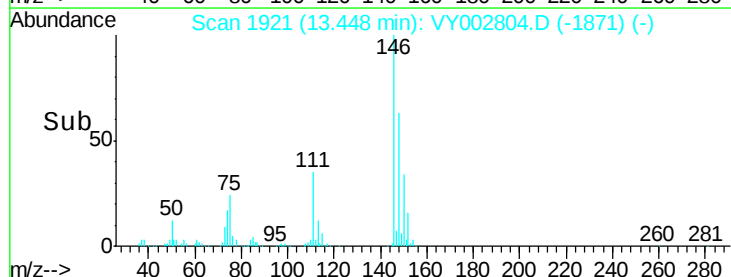
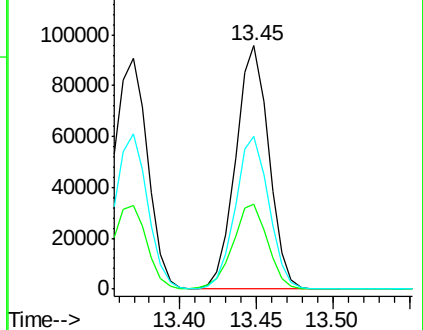
148 63.5 32.1 96.3



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

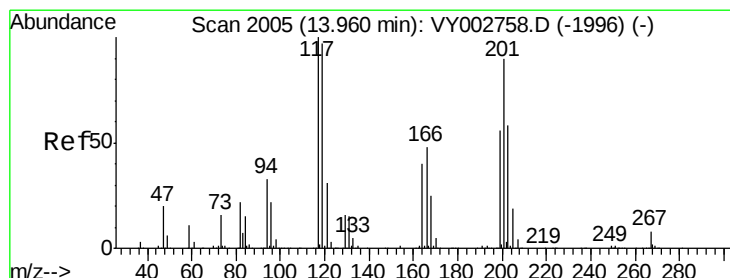
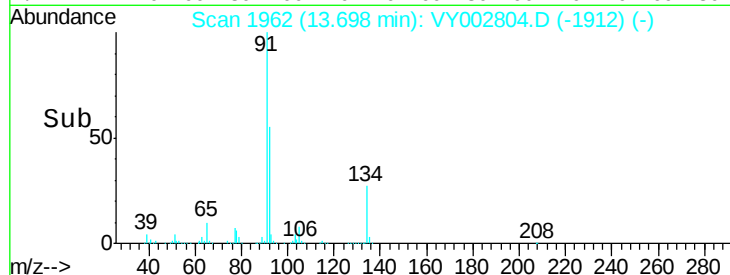
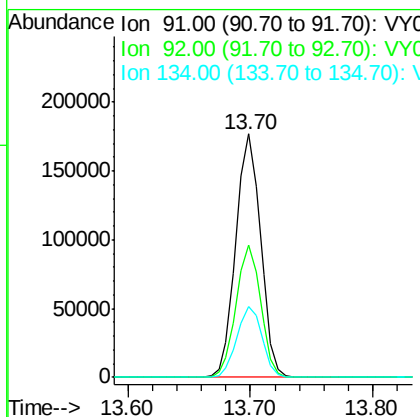
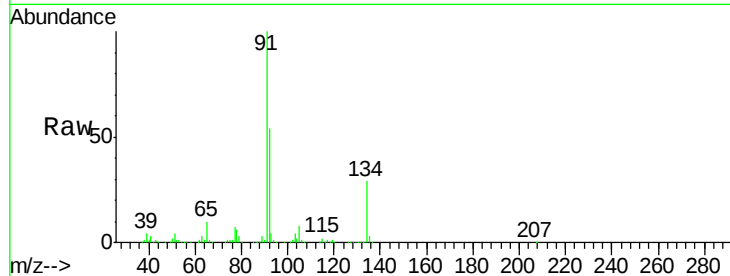




#89
n-Butylbenzene
Concen: 20.872 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

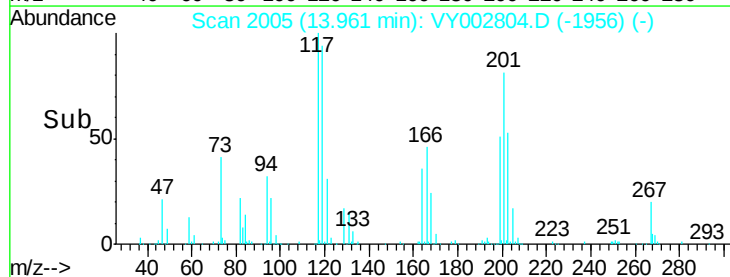
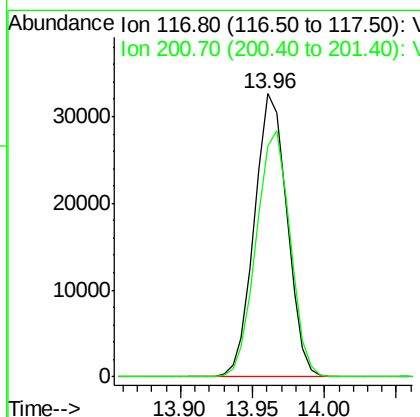
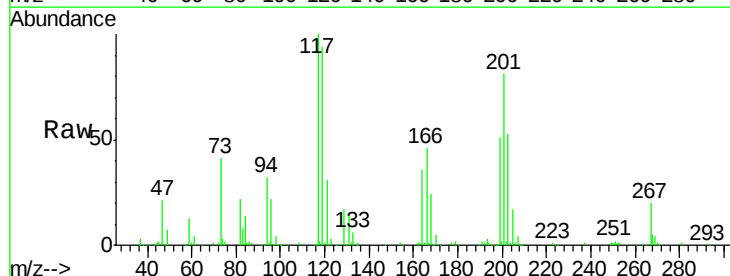
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

Tot Ion: 91 Resp: 247902
Ion Ratio Lower Upper
91 100
92 53.8 27.1 81.2
134 29.4 14.3 42.9



#90
Hexachloroethane
Concen: 20.939 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion: 117 Resp: 51282
Ion Ratio Lower Upper
117 100
201 89.8 43.9 131.6

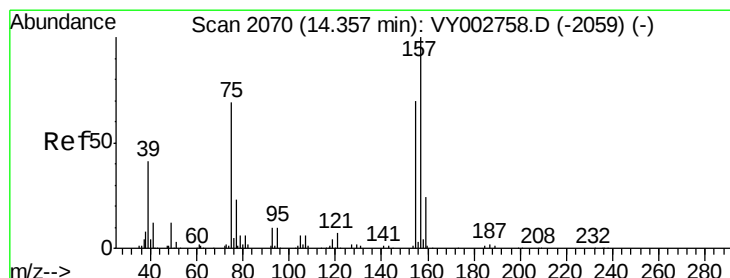
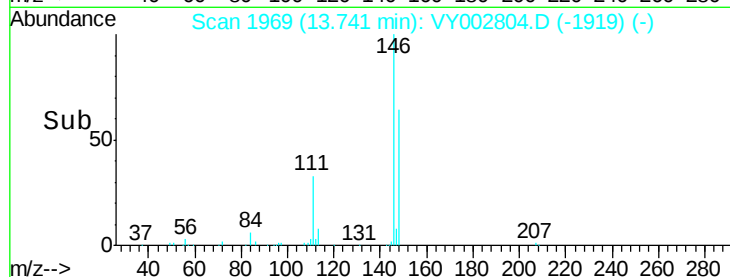
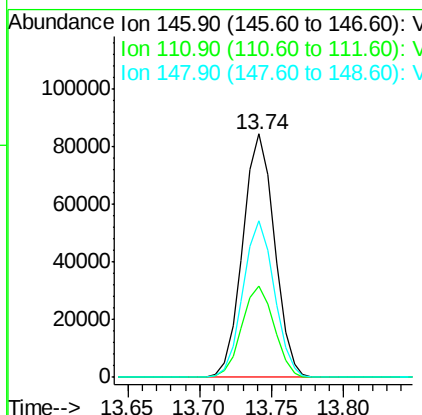
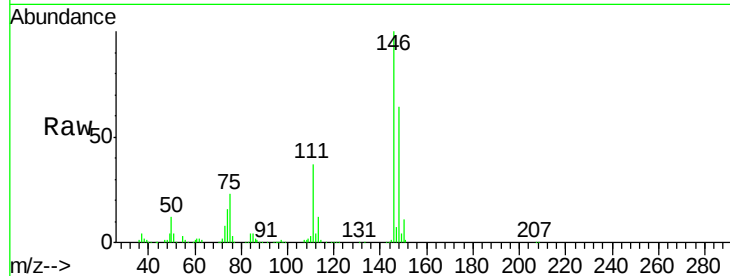




#91
 1,2-Dichlorobenzene
 Concen: 20.911 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

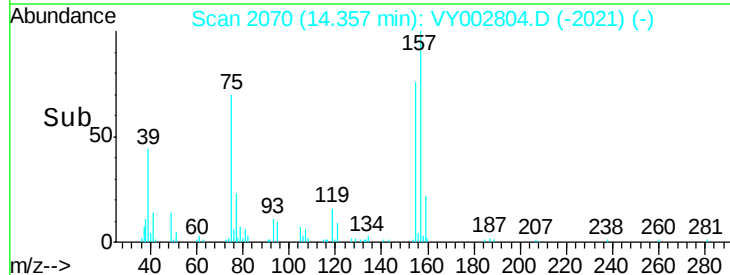
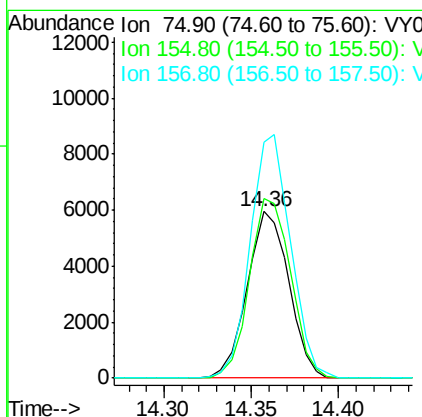
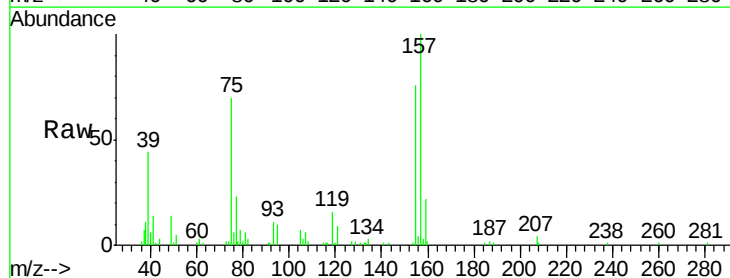
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

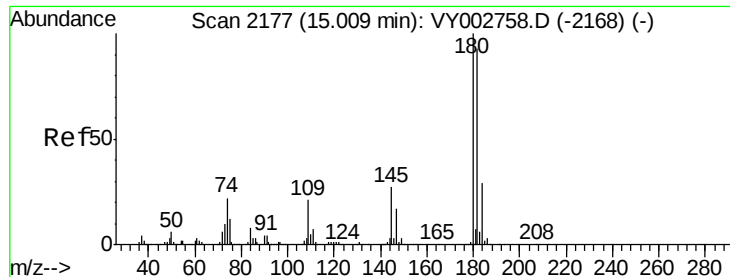
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	63.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.101 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.9	53.5	160.5
157	141.9	69.9	209.7

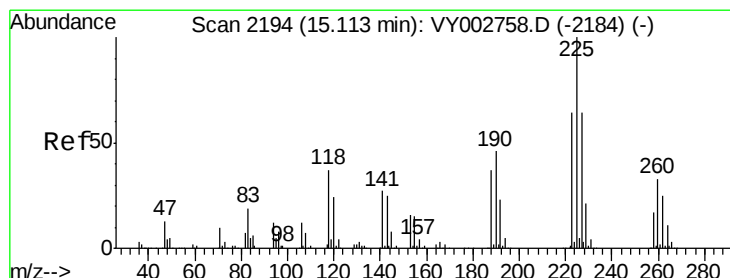
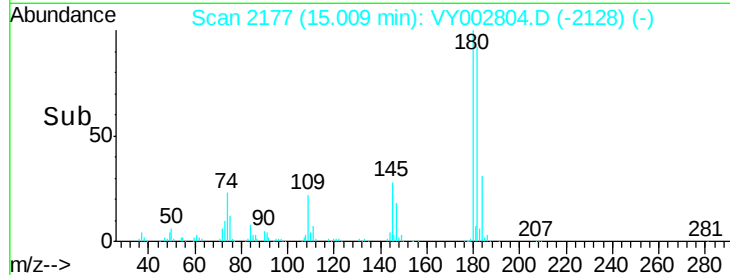
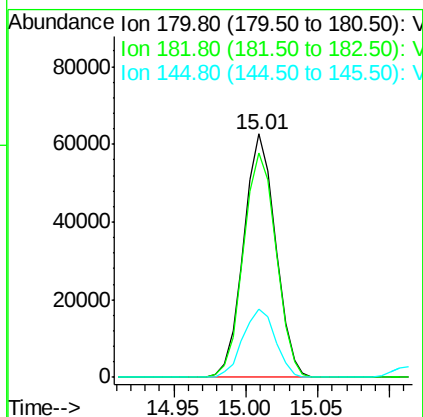
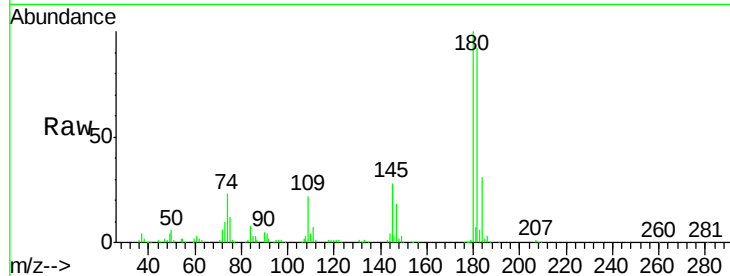




#93
 1,2,4-Trichlorobenzene
 Concen: 20.646 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

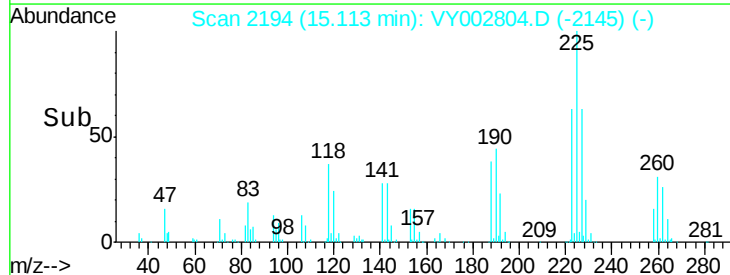
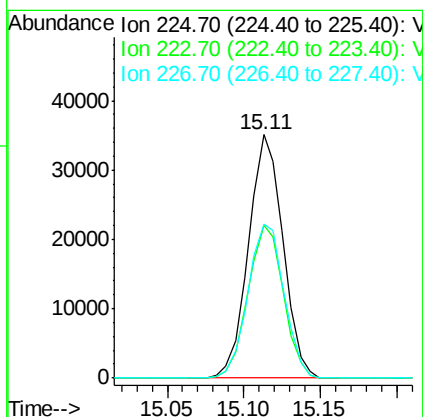
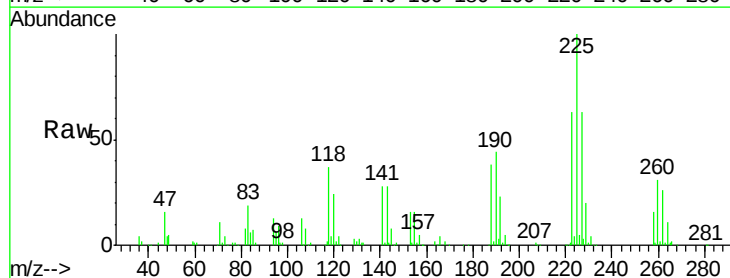
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBS01

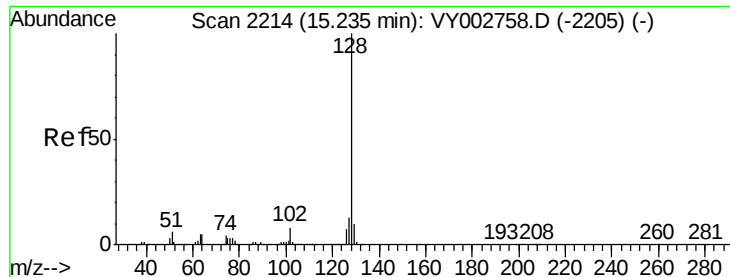
Tot Ion:180 Resp: 96104
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 28.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 20.831 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002804.D
 Acq: 01 Jun 2020 12:51

Tgt Ion:225 Resp: 54997
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.6 95.0
 227 66.3 32.3 96.9

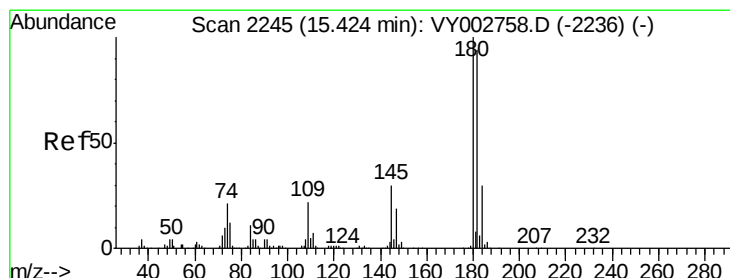
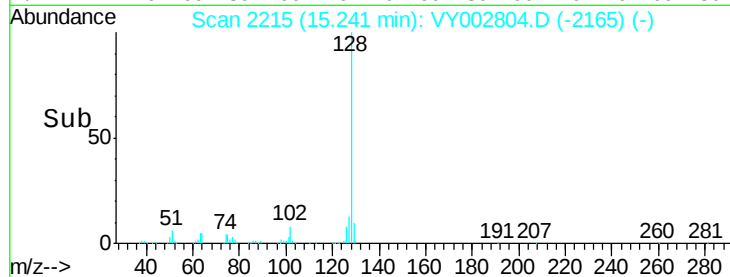
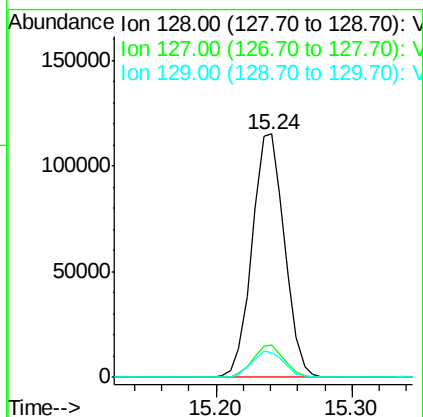
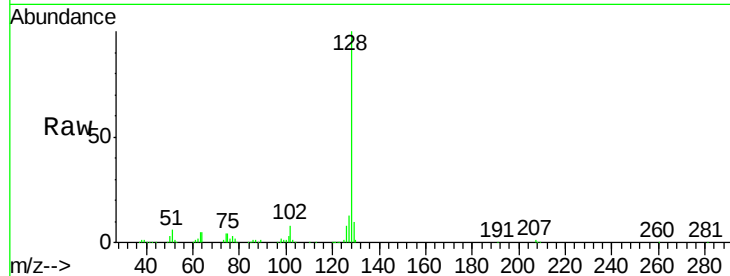




#95
Naphthalene
Concen: 20.649 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBS01

Tot Ion:128 Resp: 192721
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.605 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY002804.D
Acq: 01 Jun 2020 12:51

Tgt Ion:180 Resp: 85651
Ion Ratio Lower Upper
180 100
182 97.2 48.1 144.4
145 30.2 15.1 45.3

