

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002813.D
 Acq On : 02 Jun 2020 11:37
 Operator : SY/MD
 Sample : VY0602SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Quant Time: Jun 03 05:09:27 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	351657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	516009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	475777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	138541	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	7.72	113	146299	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.18	98	575931	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.48	95	198894	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	48776	20.158	ug/l	100
3) Chloromethane	2.12	50	54721	20.446	ug/l	98
4) Vinyl Chloride	2.26	62	58885	20.816	ug/l	100
5) Bromomethane	2.65	94	41905	19.767	ug/l	99
6) Chloroethane	2.80	64	36656	19.989	ug/l	97
7) Trichlorofluoromethane	3.13	101	98359	19.632	ug/l	100
8) Diethyl Ether	3.54	74	34854	17.816	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	60118	20.209	ug/l	98
10) Methyl Iodide	4.10	142	77941	18.725	ug/l	98
11) Tert butyl alcohol	4.97	59	34162	96.243	ug/l	99
12) 1,1-Dichloroethene	3.88	96	58845	19.670	ug/l	95
13) Acrolein	3.74	56	33914	94.780	ug/l	98
14) Allyl chloride	4.48	41	86881	20.249	ug/l	99
15) Acrylonitrile	5.18	53	86517	98.028	ug/l	99
16) Acetone	3.96	43	68075	95.080	ug/l	97
17) Carbon Disulfide	4.20	76	174714	19.326	ug/l	98
18) Methyl Acetate	4.48	43	39917	21.670	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	160159	19.392	ug/l	100
20) Methylene Chloride	4.72	84	69247	19.791	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	65827	19.566	ug/l	99
22) Diisopropyl ether	6.13	45	178777	20.051	ug/l	96
23) Vinyl Acetate	6.07	43	581855	98.842	ug/l	98
24) 1,1-Dichloroethane	6.03	63	103544	19.852	ug/l	99
25) 2-Butanone	6.99	43	107516	96.385	ug/l	96
26) 2,2-Dichloropropane	6.99	77	95932	19.178	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	73047	19.395	ug/l	100
28) Bromochloromethane	7.34	49	44813	20.929	ug/l	99
29) Tetrahydrofuran	7.36	42	72089	99.353	ug/l	98
30) Chloroform	7.52	83	108954	19.686	ug/l	96
31) Cyclohexane	7.79	56	100490	19.405	ug/l #	93
32) 1,1,1-Trichloroethane	7.71	97	99034	19.202	ug/l	100
36) 1,1-Dichloropropene	7.92	75	84893	19.530	ug/l	99
37) Ethyl Acetate	7.08	43	46359	19.603	ug/l	96
38) Carbon Tetrachloride	7.90	117	92135	19.080	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	112009	19.550	ug/l	99
40) Benzene	8.16	78	250896	19.535	ug/l	97
41) Methacrylonitrile	7.35	41	64684	50.912	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	69536	19.318	ug/l	99
43) Isopropyl Acetate	8.28	43	88436	19.733	ug/l	99
44) Trichloroethene	8.94	130	78572	19.367	ug/l	99
45) 1,2-Dichloropropane	9.22	63	60445	19.625	ug/l	99
46) Dibromomethane	9.31	93	35372	19.337	ug/l	99
47) Bromodichloromethane	9.50	83	84771	19.658	ug/l	99
48) Methyl methacrylate	9.30	41	39906	19.725	ug/l	97
49) 1,4-Dioxane	9.30	88	10780	383.809	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	232958	98.165	ug/l	100
52) Toluene	10.24	92	163881	19.505	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	91971	19.526	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	103955	19.478	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	54591	19.494	ug/l	99
56) Ethyl methacrylate	10.51	69	73047	19.474	ug/l	100
57) 1,3-Dichloropropane	10.79	76	90783	19.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	182210	99.415	ug/l	100
59) 2-Hexanone	10.83	43	165808	98.473	ug/l	99
60) Dibromochloromethane	10.99	129	68611	19.325	ug/l	100
61) 1,2-Dibromoethane	11.09	107	53348	19.311	ug/l	97
64) Tetrachloroethene	10.72	164	81214	18.782	ug/l	97
65) Chlorobenzene	11.52	112	183649	19.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	68425	19.320	ug/l	98
67) Ethyl Benzene	11.60	91	318614	19.544	ug/l	100
68) m/p-Xylenes	11.70	106	246254	38.959	ug/l	100
69) o-Xylene	12.03	106	116745	19.565	ug/l	99
70) Styrene	12.05	104	199985	19.333	ug/l	99
71) Bromoform	12.21	173	46815	19.755	ug/l #	100
73) Isopropylbenzene	12.33	105	318718	19.543	ug/l	100
74) N-amyl acetate	12.14	43	83237	19.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	58408	20.412	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	85629	37.341	ug/l #	100
77) Bromobenzene	12.61	156	81320	19.149	ug/l	97
78) n-propylbenzene	12.67	91	371339	19.712	ug/l	99
79) 2-Chlorotoluene	12.75	91	205039	19.403	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	266512	19.572	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23965	19.689	ug/l	98
82) 4-Chlorotoluene	12.86	91	217313	19.628	ug/l	100
83) tert-Butylbenzene	13.08	119	235512	19.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	267647	19.547	ug/l	100
85) sec-Butylbenzene	13.25	105	326083	19.634	ug/l	99
86) p-Isopropyltoluene	13.37	119	308751	19.979	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	157330	19.559	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	157927	19.626	ug/l	100
89) n-Butylbenzene	13.70	91	279109	19.893	ug/l	100
90) Hexachloroethane	13.96	117	57388	19.836	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	143052	19.609	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11026	20.028	ug/l	96

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

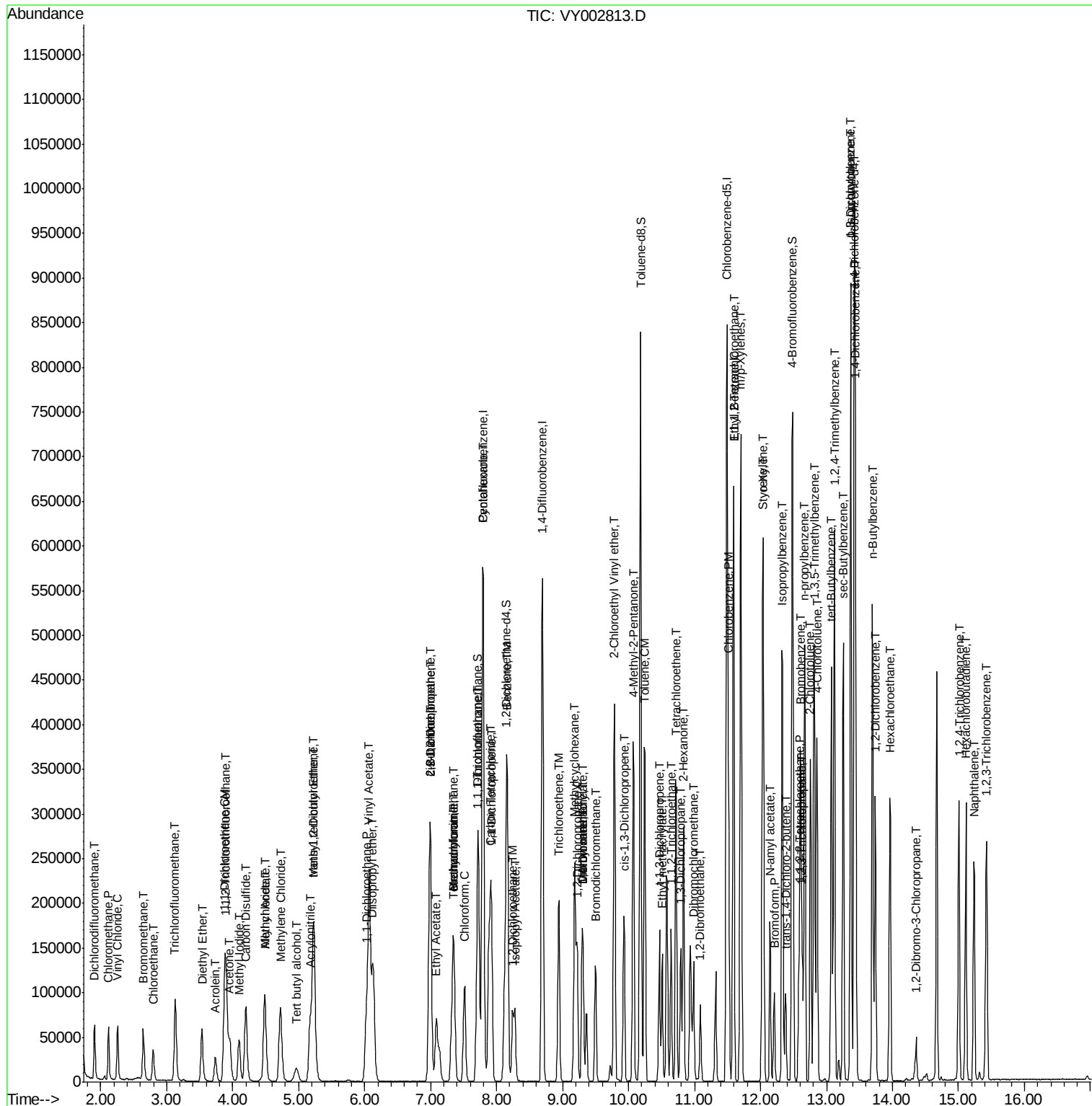
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	107290	19.512	ug/l	100
94) Hexachlorobutadiene	15.11	225	61785	19.811	ug/l	100
95) Naphthalene	15.23	128	210916	19.131	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	94296	19.204	ug/l	99

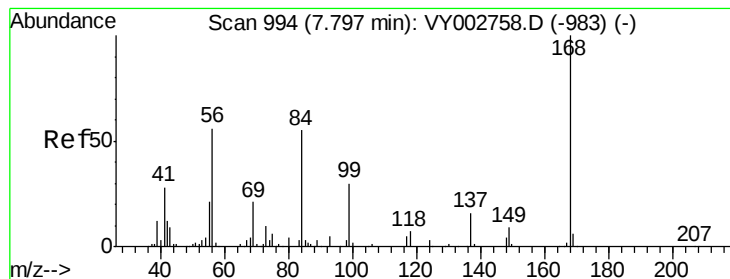
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

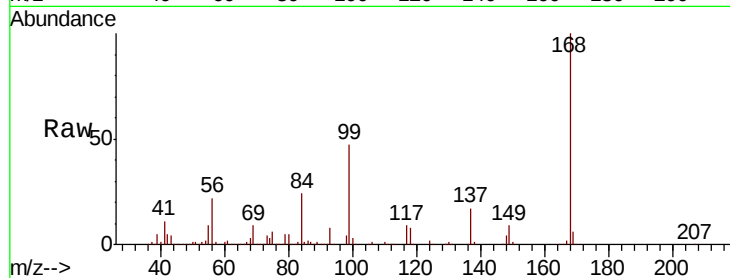
VY0602SBS01

Tot Ion:168 Resp: 351657

Ion Ratio Lower Upper

168 100

99 47.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

150000

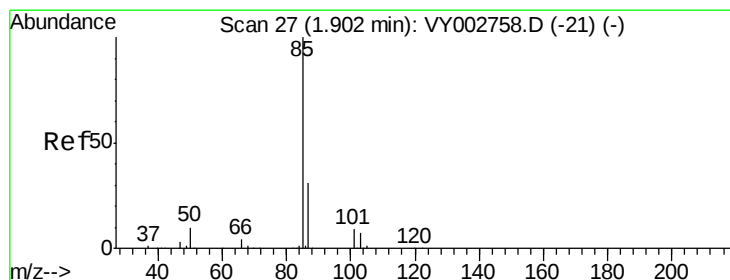
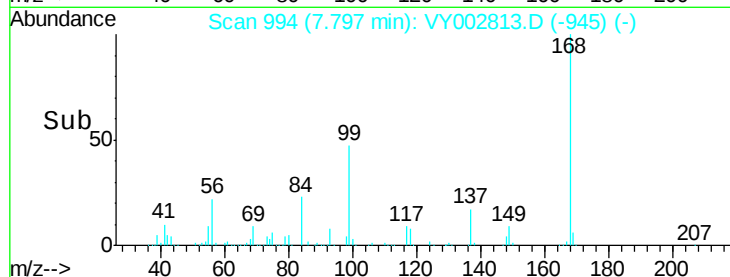
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.158 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002813.D

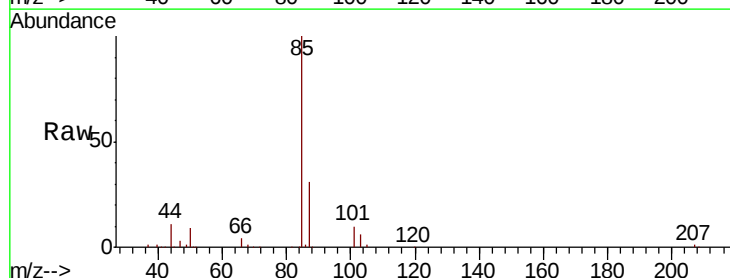
Acq: 02 Jun 2020 11:37

Tgt Ion: 85 Resp: 48776

Ion Ratio Lower Upper

85 100

87 30.9 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

40000

30000

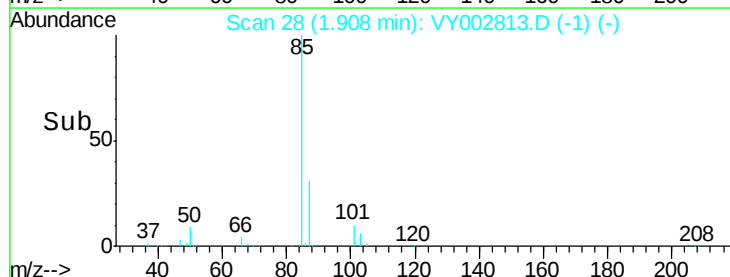
20000

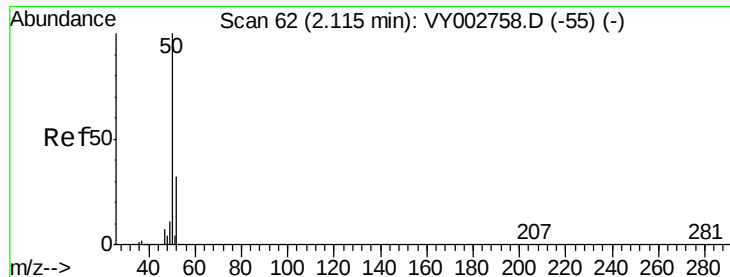
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.446 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

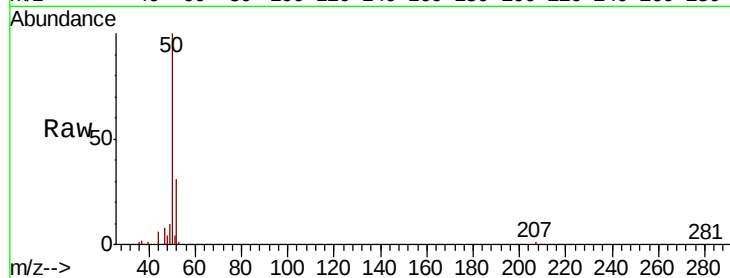
VY0602SBS01

Tot Ion: 50 Resp: 54721

Ion Ratio Lower Upper

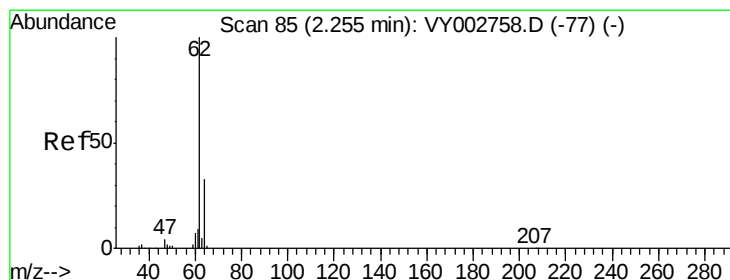
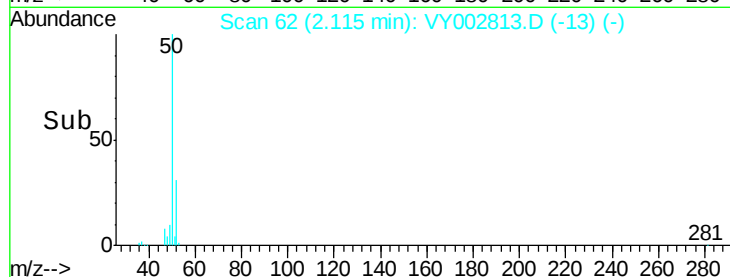
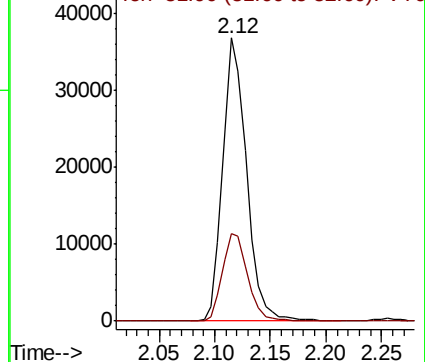
50 100

52 31.0 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: 20.816 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002813.D

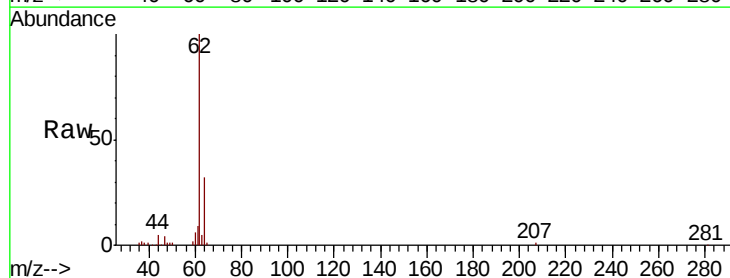
Acq: 02 Jun 2020 11:37

Tgt Ion: 62 Resp: 58885

Ion Ratio Lower Upper

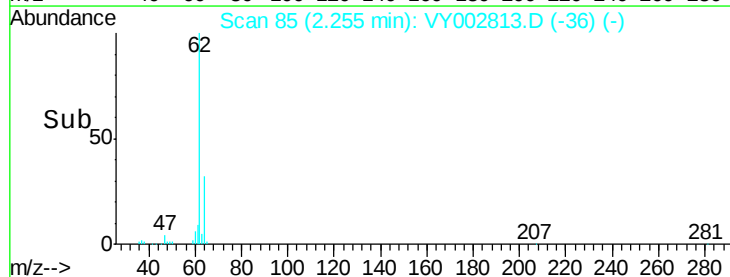
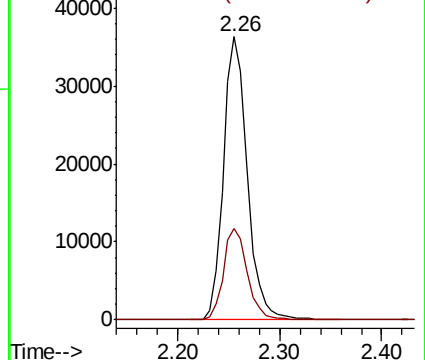
62 100

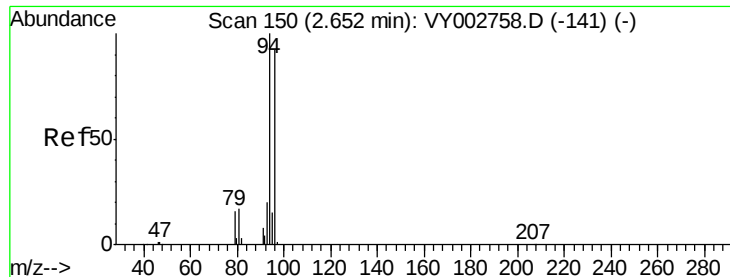
64 32.4 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.767 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

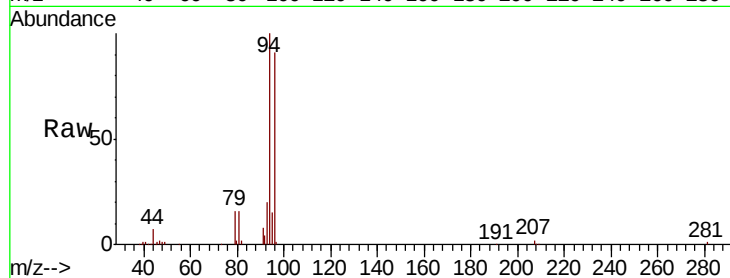
VY0602SBS01

Tot Ion: 94 Resp: 41905

Ion Ratio Lower Upper

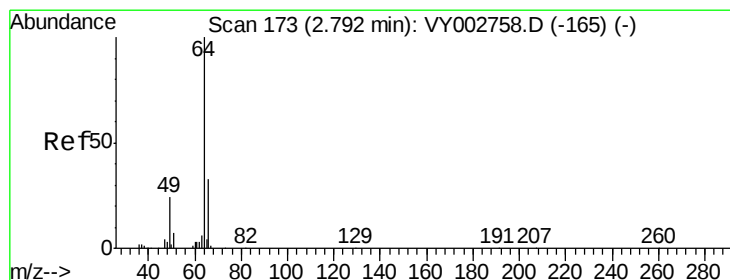
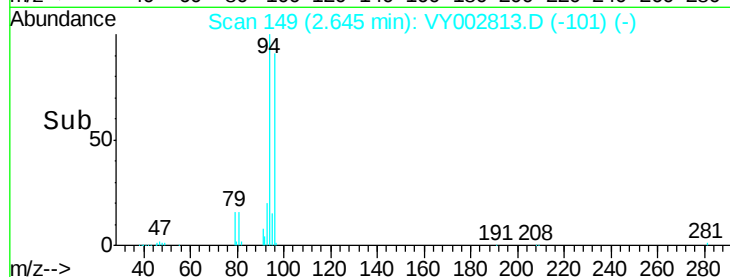
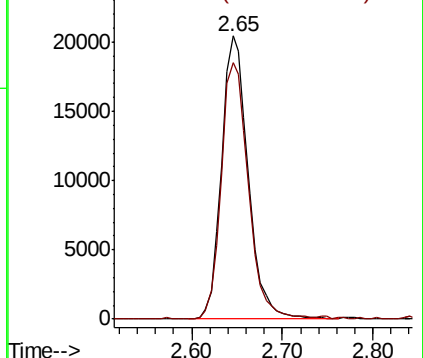
94 100

96 90.8 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: 19.989 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002813.D

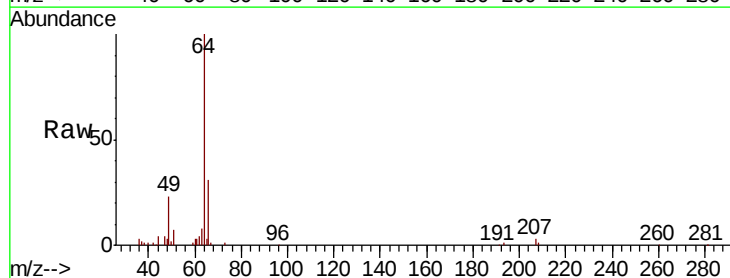
Acq: 02 Jun 2020 11:37

Tgt Ion: 64 Resp: 36656

Ion Ratio Lower Upper

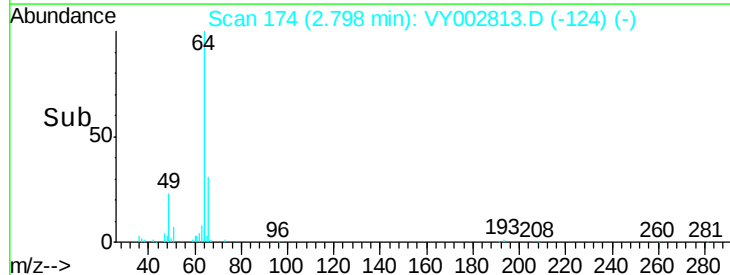
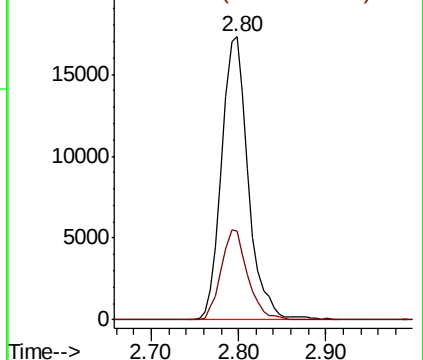
64 100

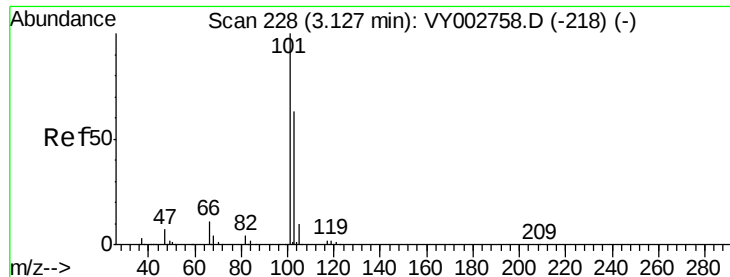
66 31.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



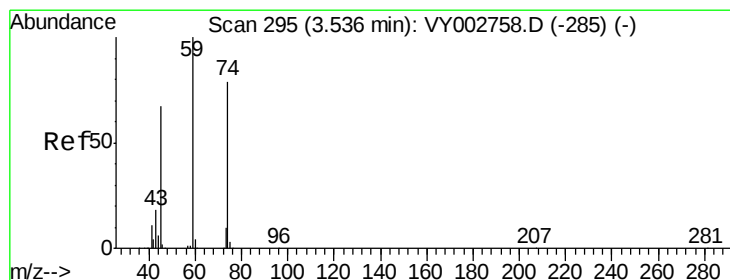
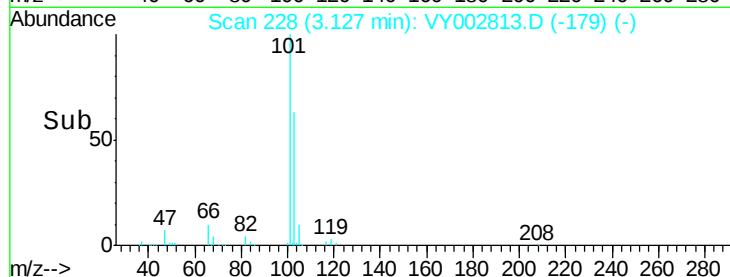
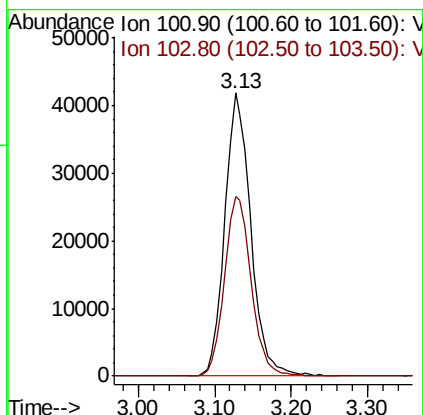
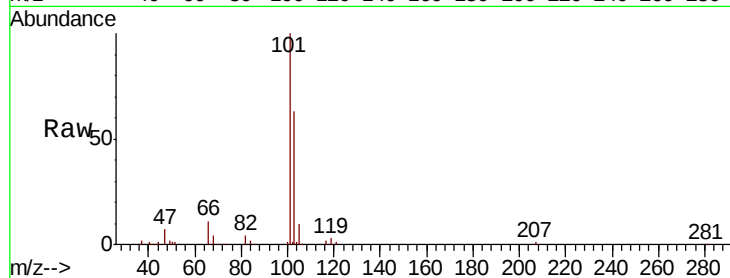


#7

Trichlorofluoromethane
 Concen: 19.632 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
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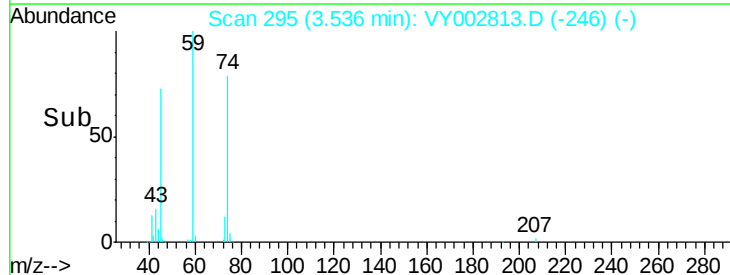
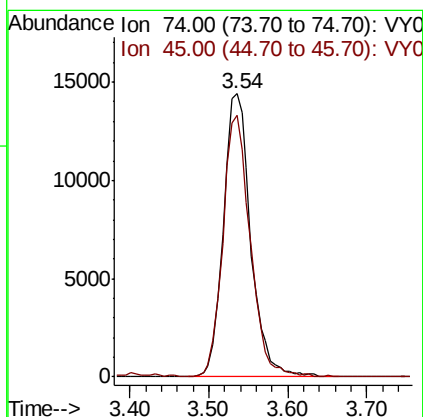
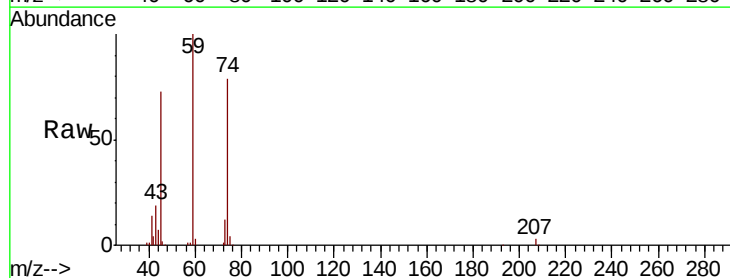
Tot Ion:101 Resp: 98359
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 76.0

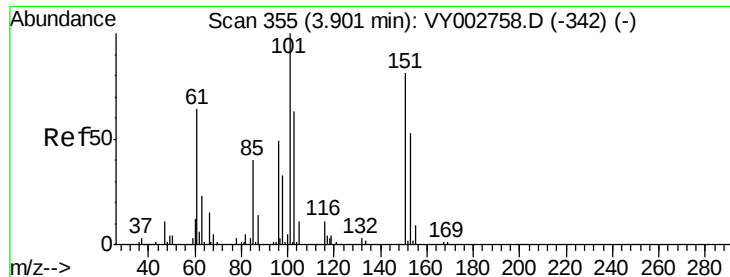


#8

Diethyl Ether
 Concen: 17.816 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion: 74 Resp: 34854
 Ion Ratio Lower Upper
 74 100
 45 92.5 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.209 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

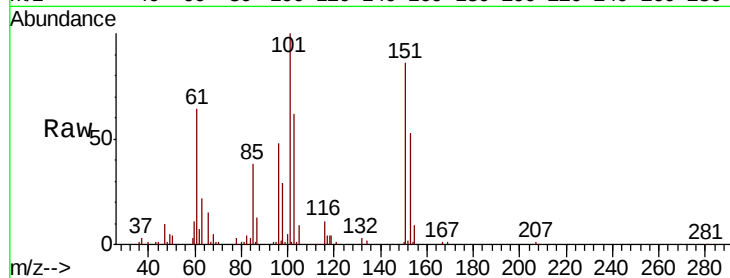
Tot Ion:101 Resp: 60118

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

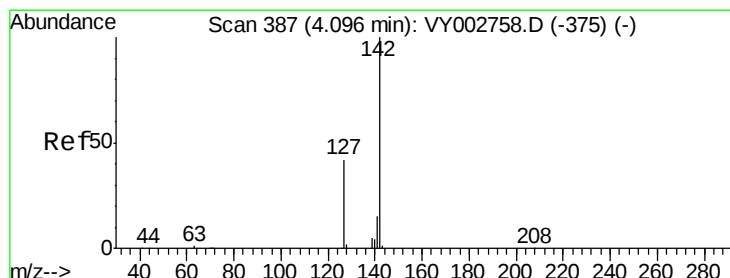
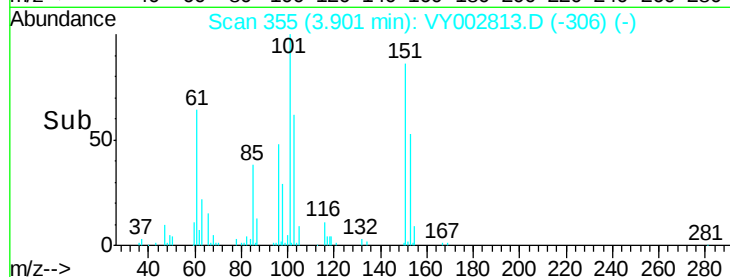
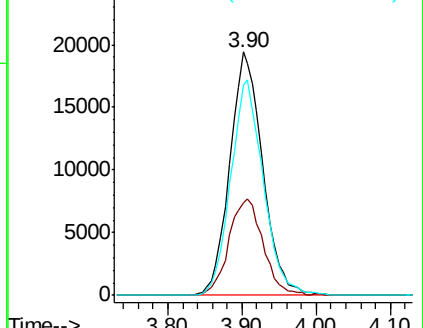
151 87.9 68.0 102.0



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: 18.725 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

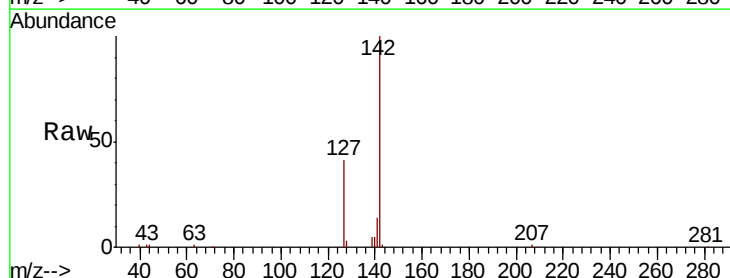
Tgt Ion:142 Resp: 77941

Ion Ratio Lower Upper

142 100

127 40.2 33.3 49.9

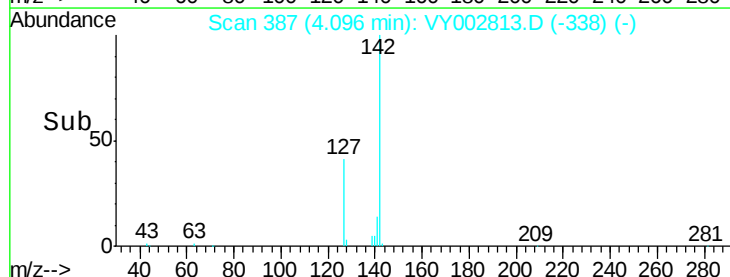
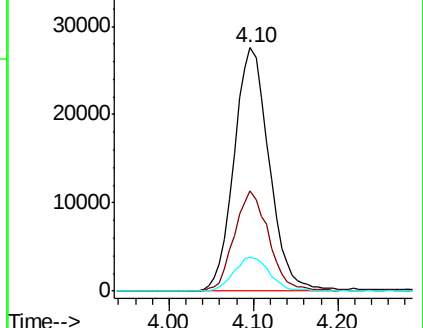
141 14.1 11.5 17.3

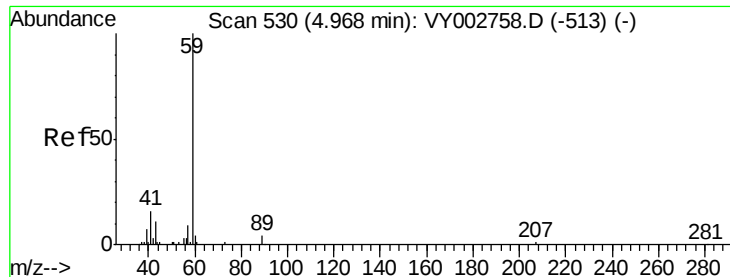


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



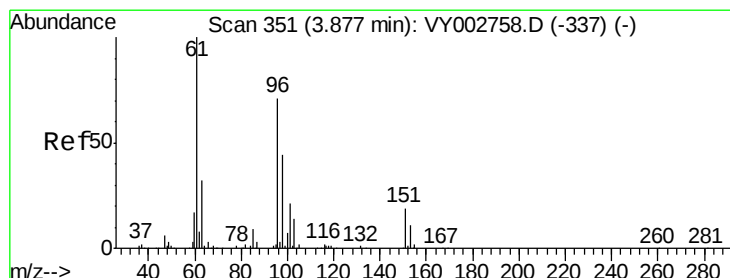
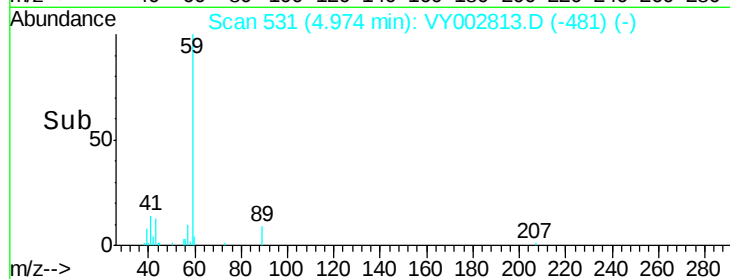
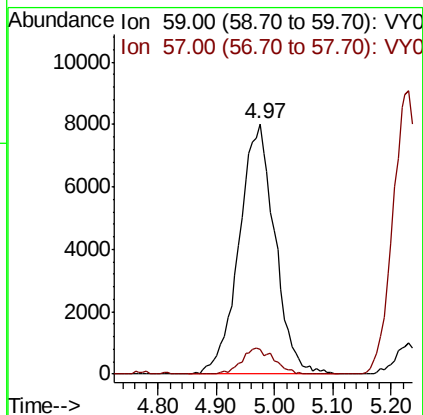
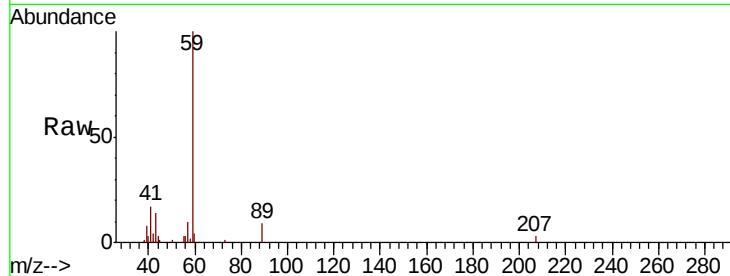


#11

Tert butyl alcohol
 Concen: 96.243 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

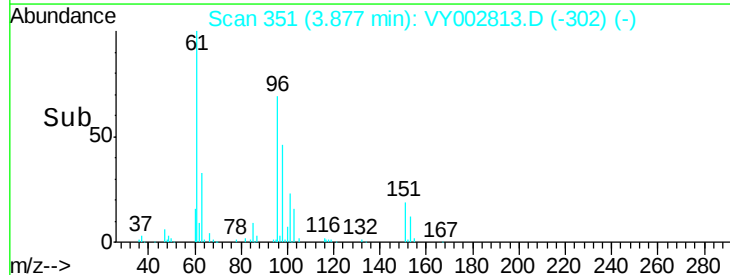
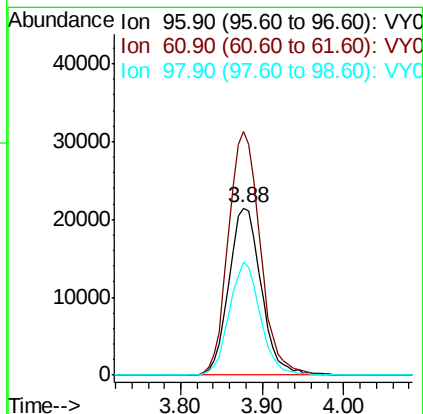
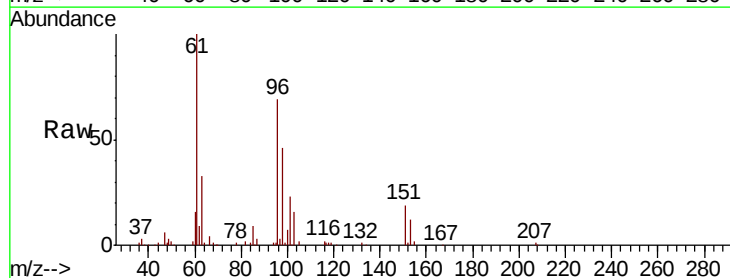
Tot Ion: 59 Resp: 34162
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.7 11.5

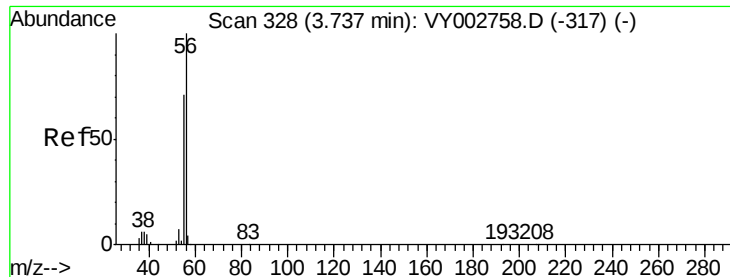


#12

1,1-Dichloroethene
 Concen: 19.670 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion: 96 Resp: 58845
 Ion Ratio Lower Upper
 96 100
 61 145.5 112.6 168.8
 98 67.4 50.0 75.0





#13

Acrolein

Concen: 94.780 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

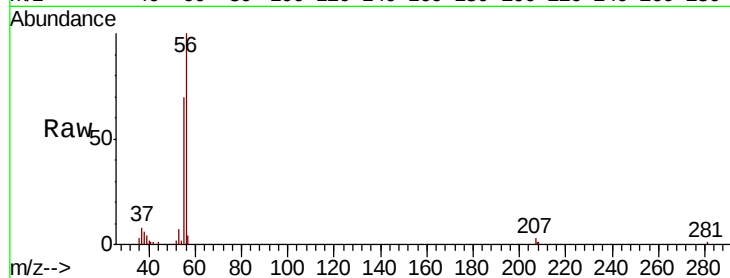
VY0602SBS01

Tot Ion: 56 Resp: 33914

Ion Ratio Lower Upper

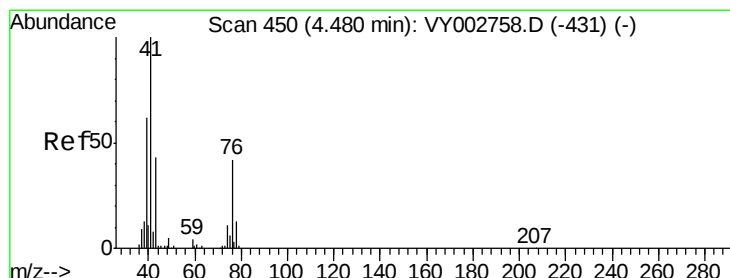
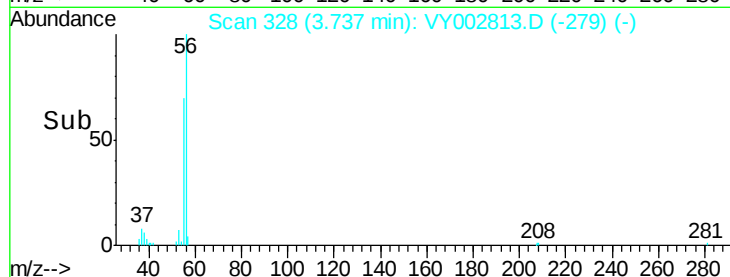
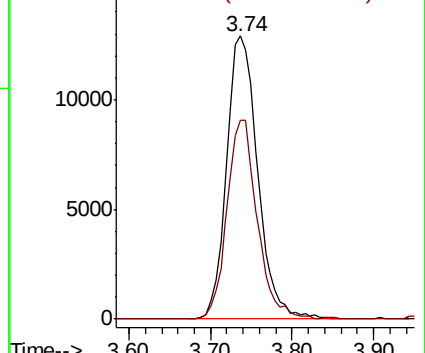
56 100

55 68.4 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.249 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

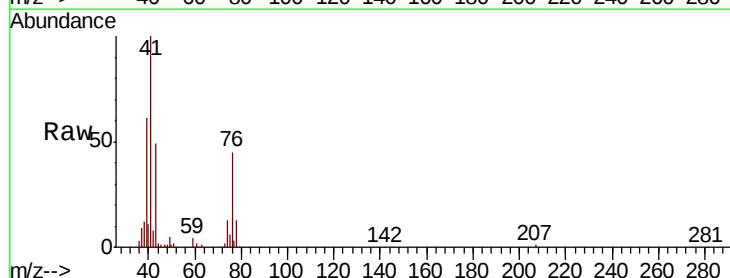
Tgt Ion: 41 Resp: 86881

Ion Ratio Lower Upper

41 100

39 61.1 49.9 74.9

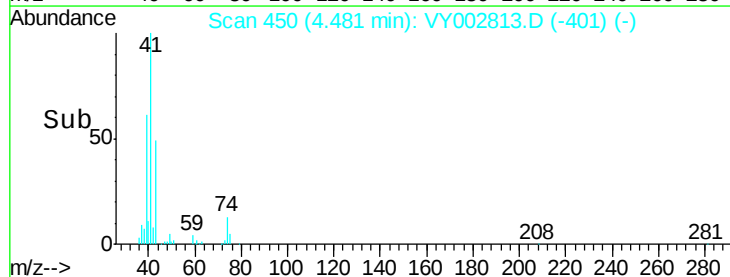
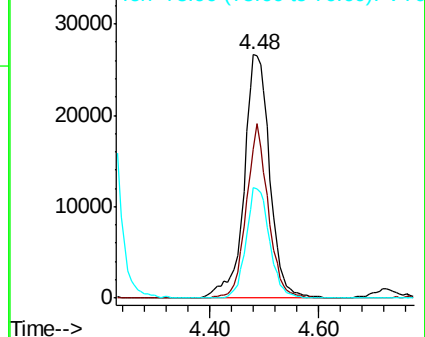
76 41.3 33.2 49.8

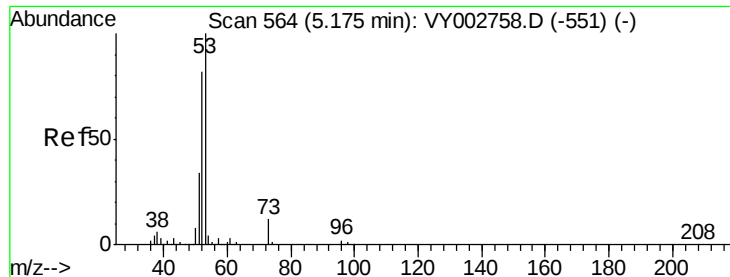


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 98.028 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

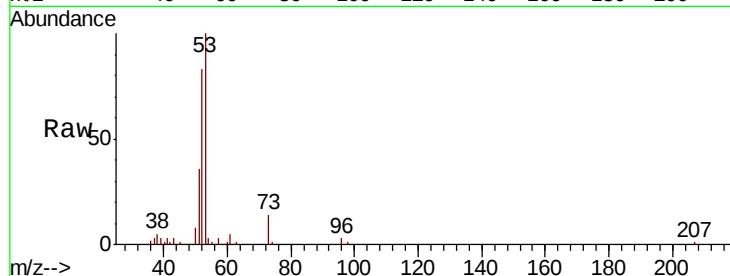
Tot Ion: 53 Resp: 86517

Ion Ratio Lower Upper

53 100

52 81.2 65.3 97.9

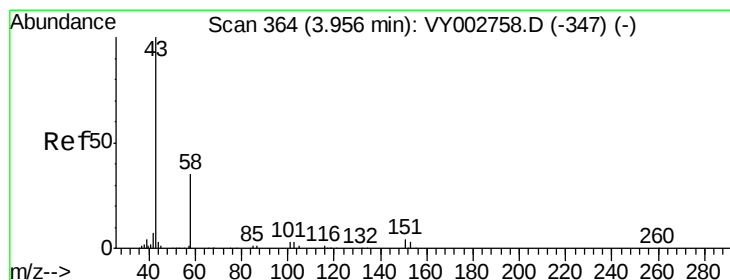
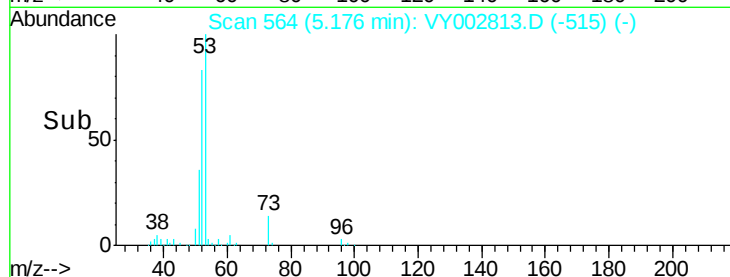
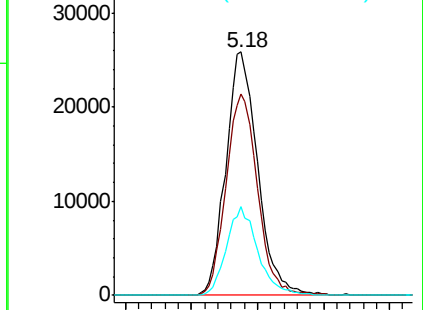
51 35.5 28.0 42.0



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: 95.080 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002813.D

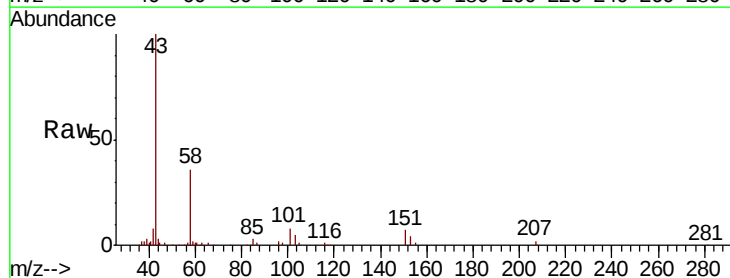
Acq: 02 Jun 2020 11:37

Tgt Ion: 43 Resp: 68075

Ion Ratio Lower Upper

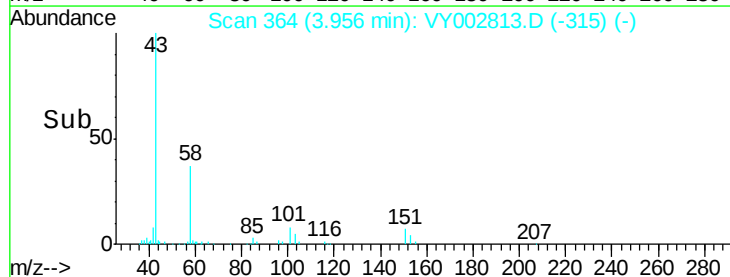
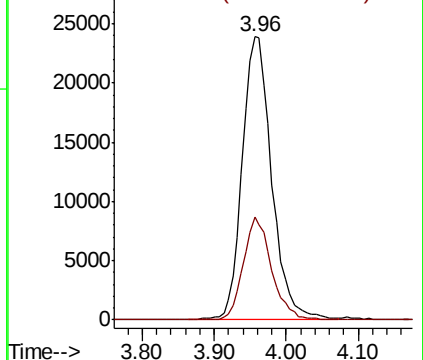
43 100

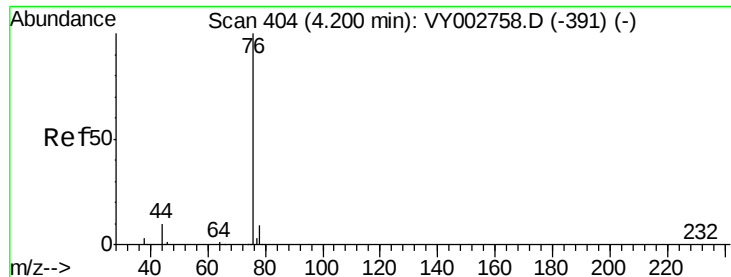
58 36.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.326 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

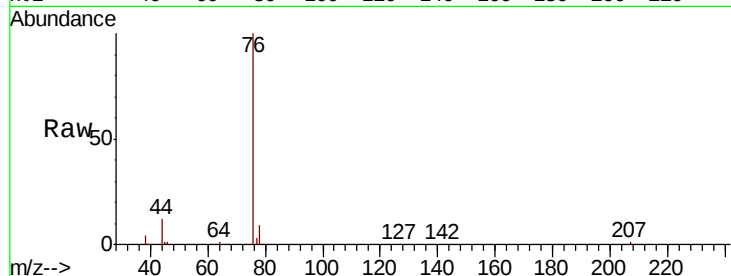
VY0602SBS01

Tot Ion: 76 Resp: 174714

Ion Ratio Lower Upper

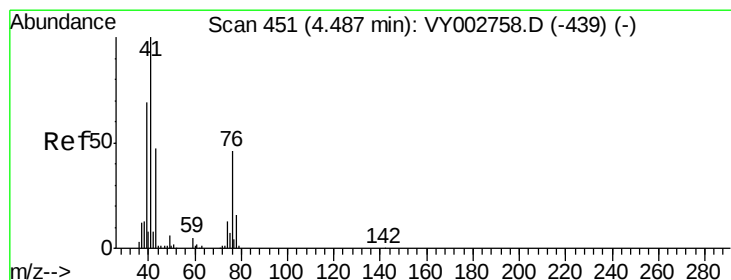
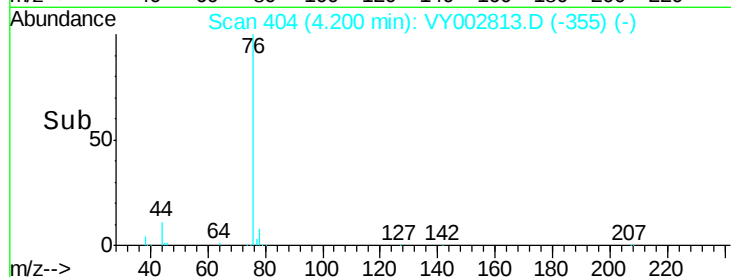
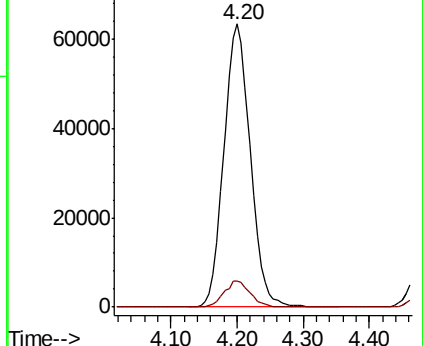
76 100

78 9.2 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: 21.670 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002813.D

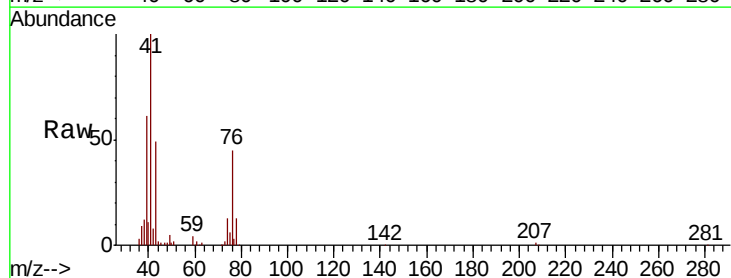
Acq: 02 Jun 2020 11:37

Tgt Ion: 43 Resp: 39917

Ion Ratio Lower Upper

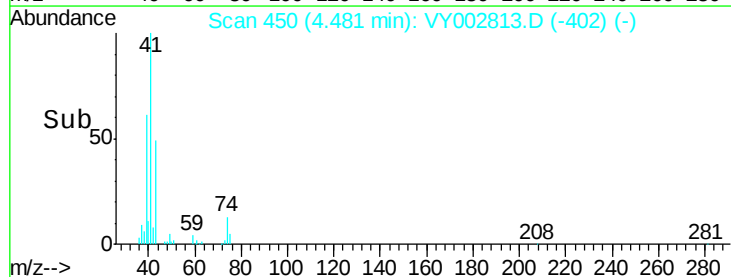
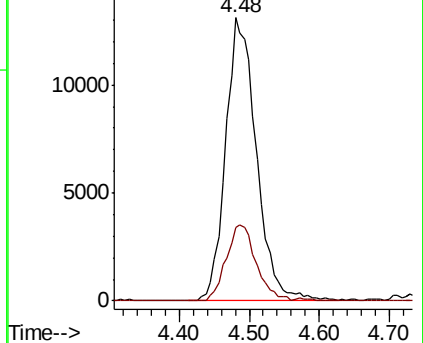
43 100

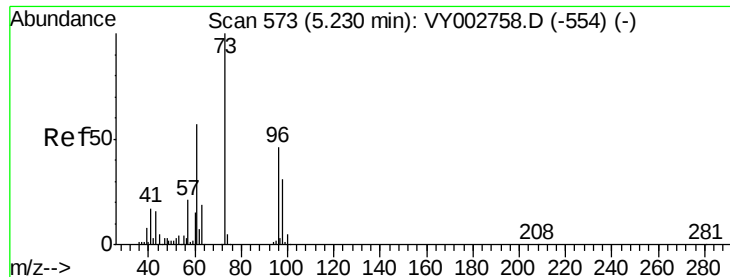
74 26.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

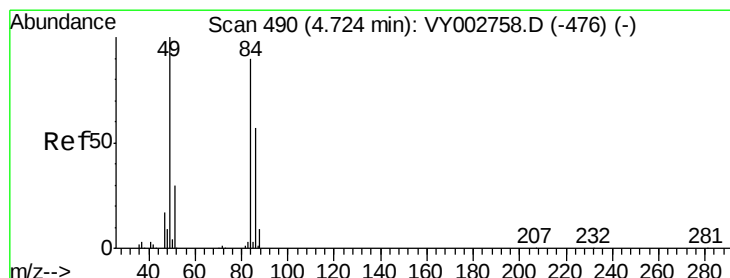
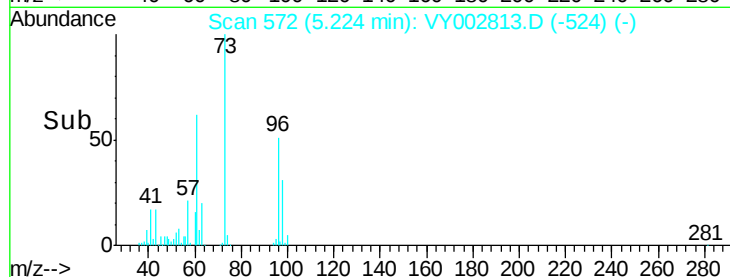
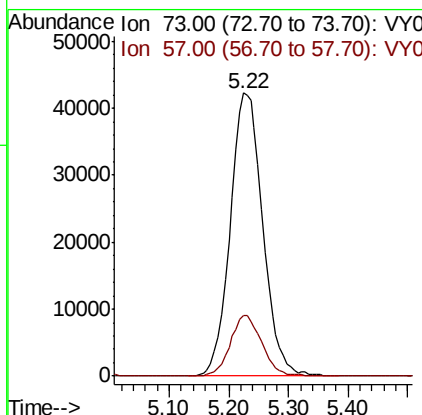
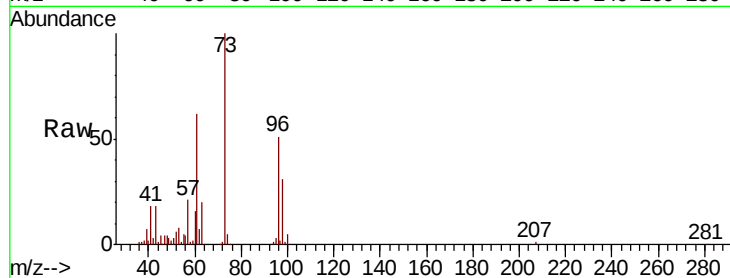




#19
Methvl tert-butvl Ether
Concen: 19.392 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

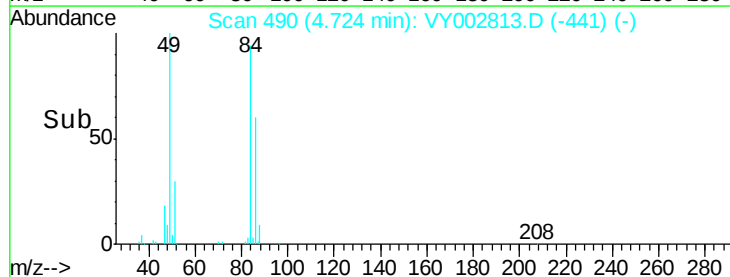
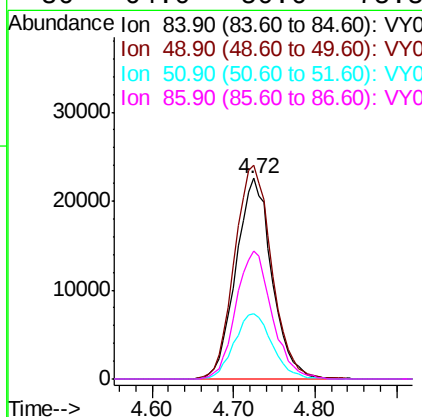
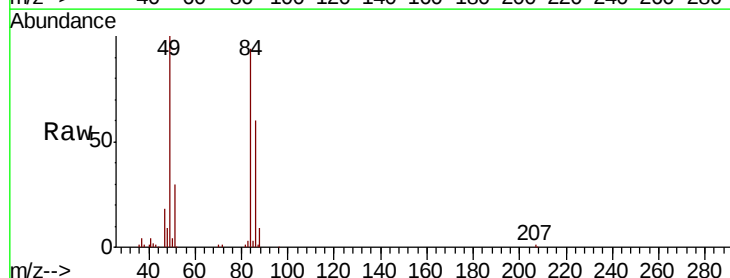
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

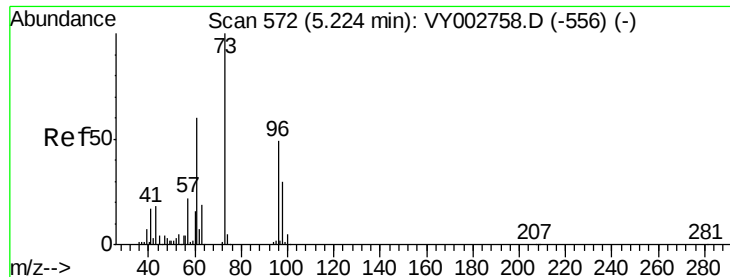
Tot Ion: 73 Resp: 160159
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 19.791 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion: 84 Resp: 69247
Ion Ratio Lower Upper
84 100
49 106.6 88.5 132.7
51 32.5 26.8 40.2
86 64.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 19.566 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

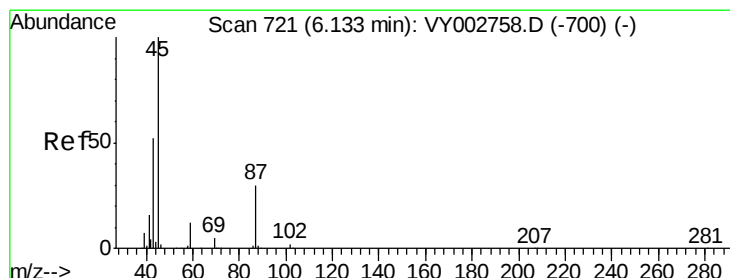
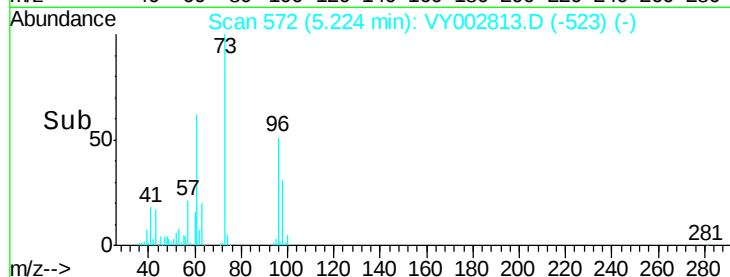
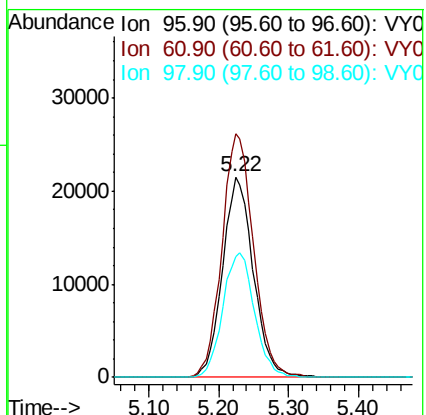
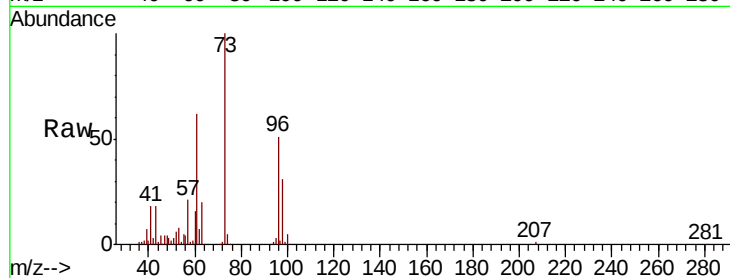
Tot Ion: 96 Resp: 65827

Ion Ratio Lower Upper

96 100

61 121.1 96.8 145.2

98 60.4 49.4 74.0



#22

Diisopropyl ether

Concen: 20.051 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion: 45 Resp: 178777

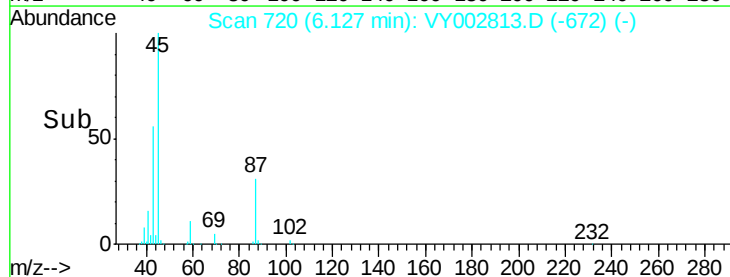
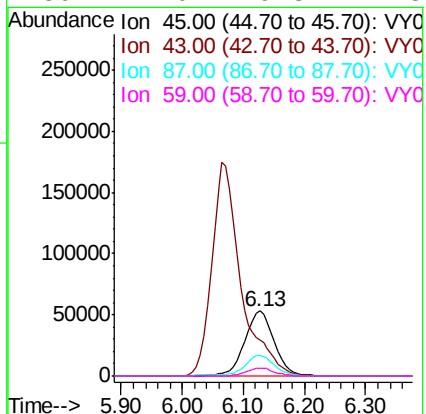
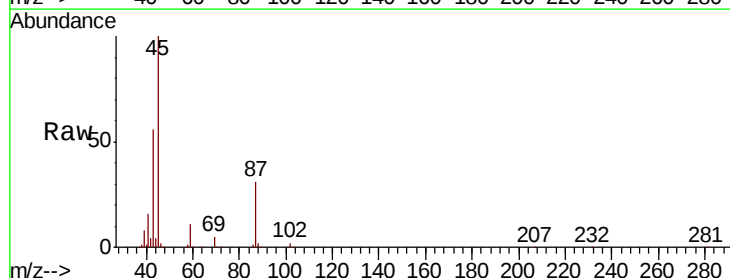
Ion Ratio Lower Upper

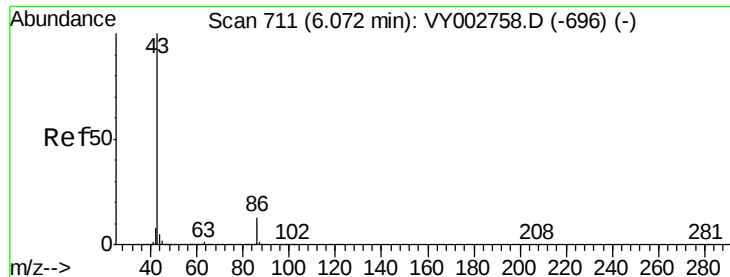
45 100

43 55.9 41.7 62.5

87 31.0 24.2 36.2

59 11.0 9.8 14.8





#23

Vinyl Acetate

Concen: 98.842 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

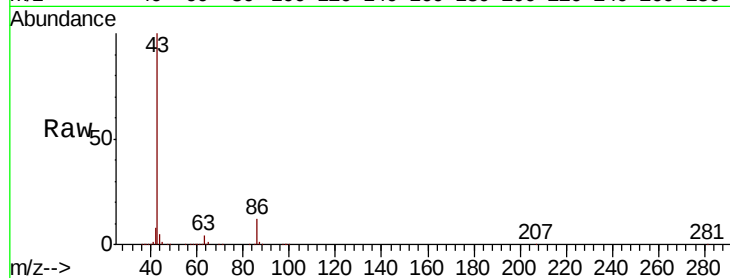
VY0602SBS01

Tot Ion: 43 Resp: 581855

Ion Ratio Lower Upper

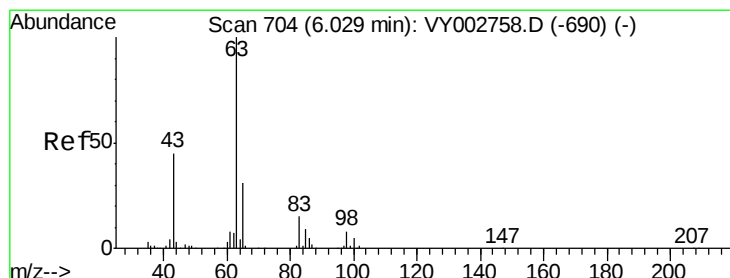
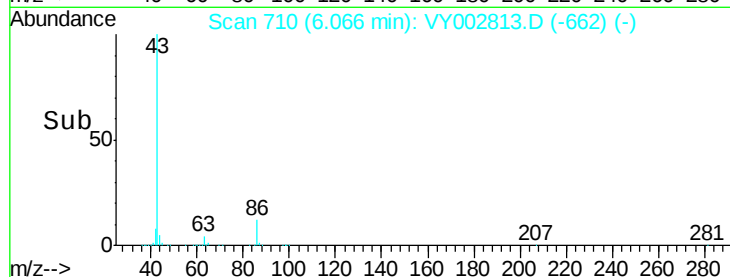
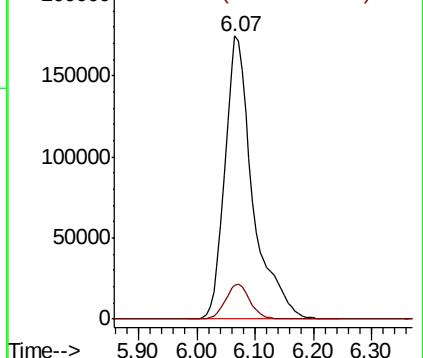
43 100

86 11.9 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: 19.852 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

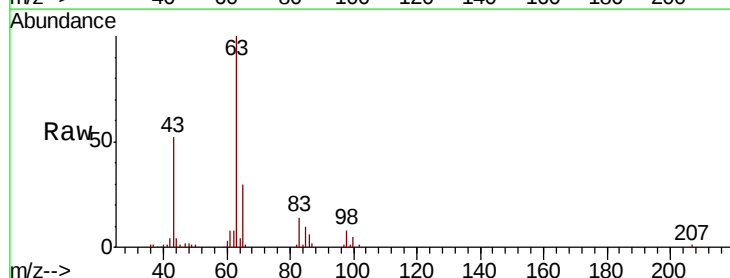
Tgt Ion: 63 Resp: 103544

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

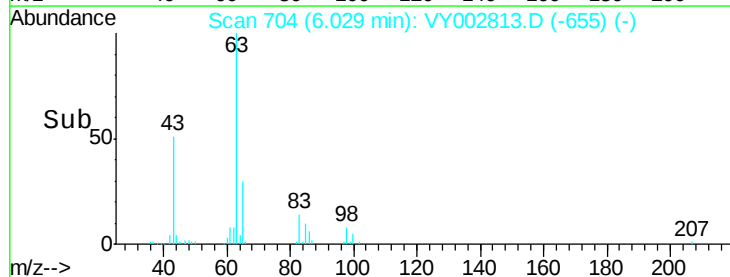
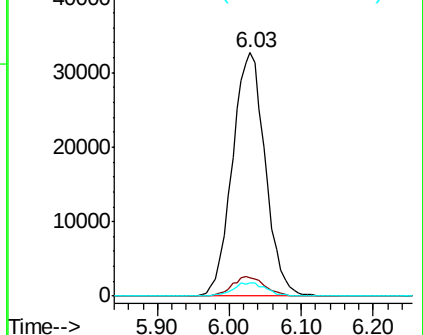
100 5.2 2.4 7.1

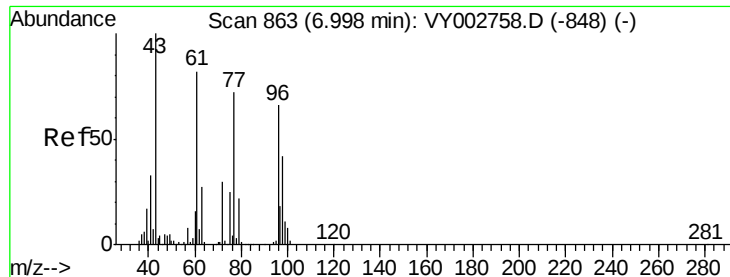


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

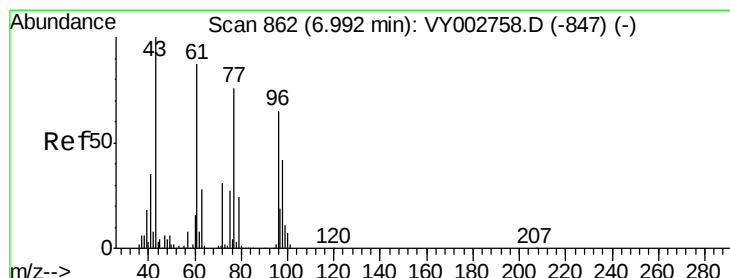
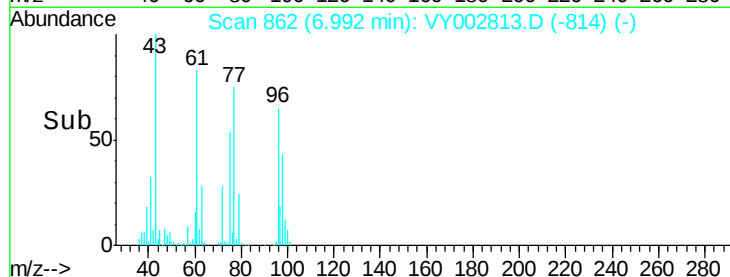
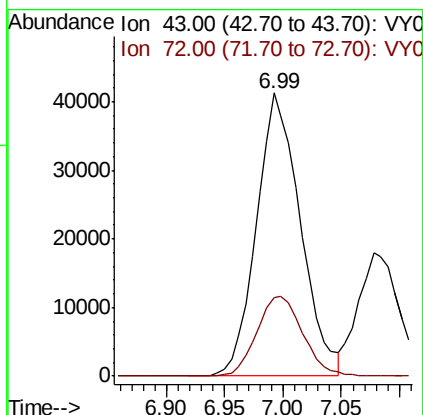
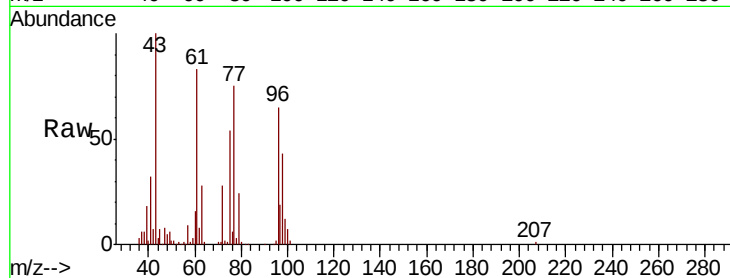




#25
2-Butanone
Concen: 96.385 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

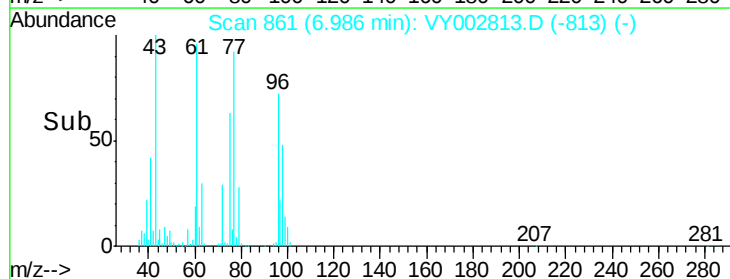
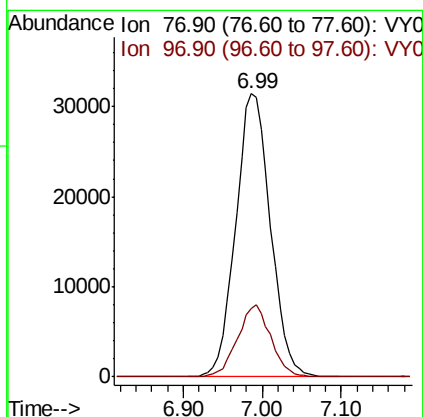
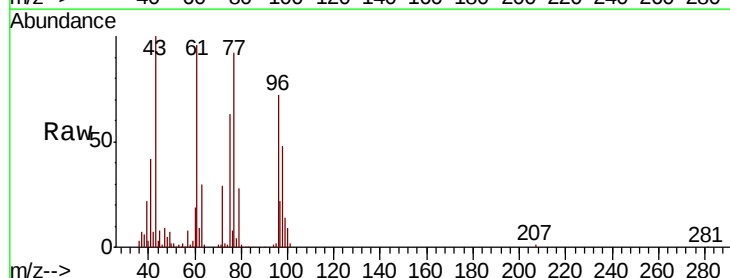
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

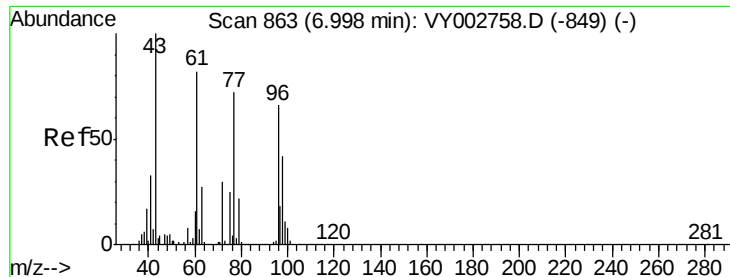
Tot Ion: 43 Resp: 107516
Ion Ratio Lower Upper
43 100
72 27.9 23.9 35.9



#26
2,2-Dichloropropane
Concen: 19.178 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion: 77 Resp: 95932
Ion Ratio Lower Upper
77 100
97 24.2 12.2 36.6



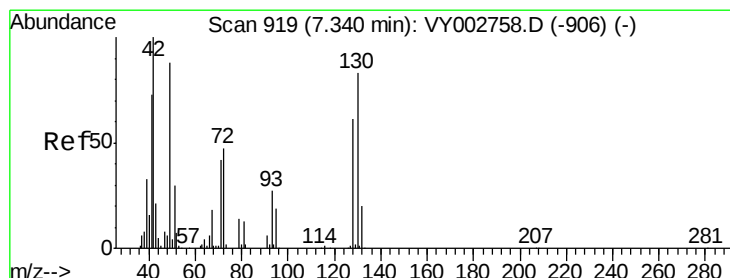
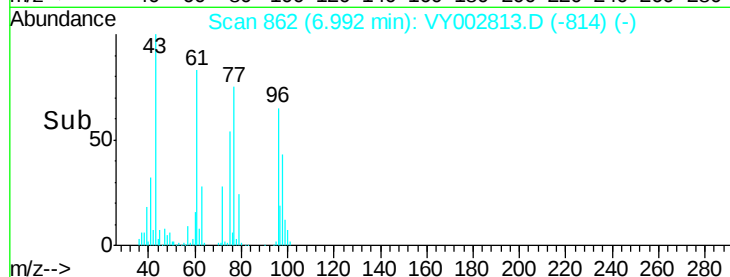
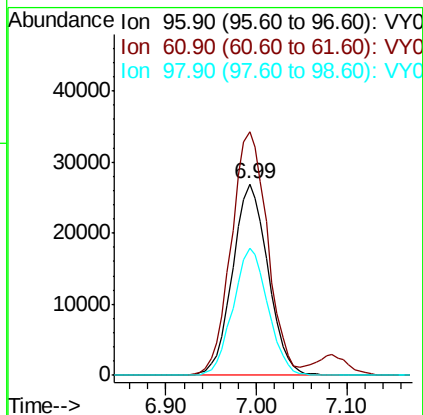
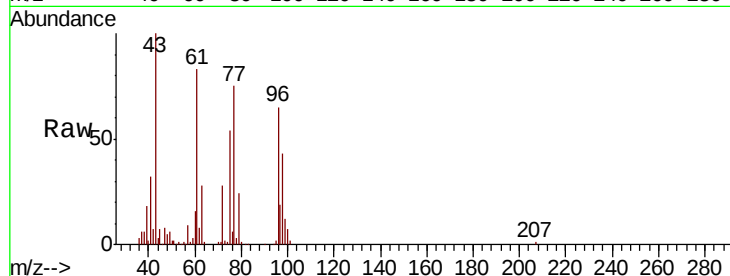


#27

cis-1,2-Dichloroethene
 Concen: 19.395 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

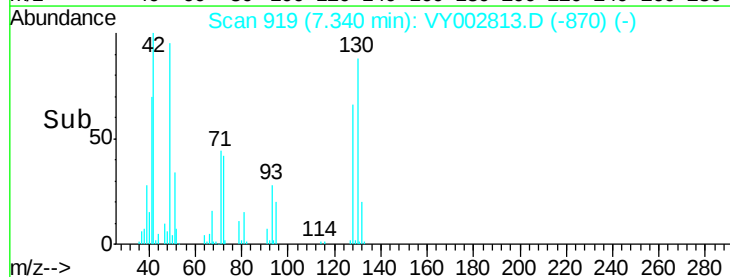
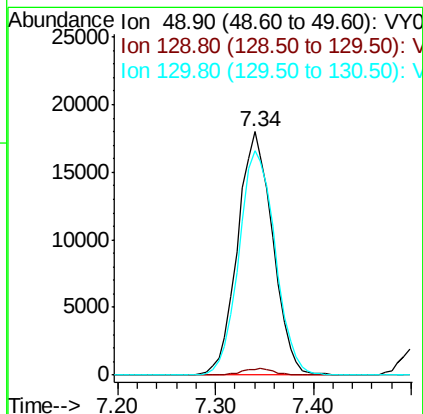
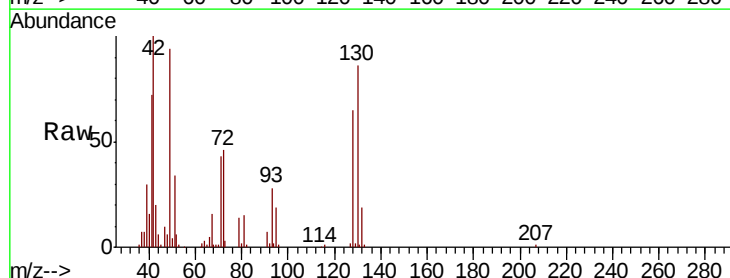
Tot Ion: 96 Resp: 73047
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 260.2
 98 65.1 0.0 128.2

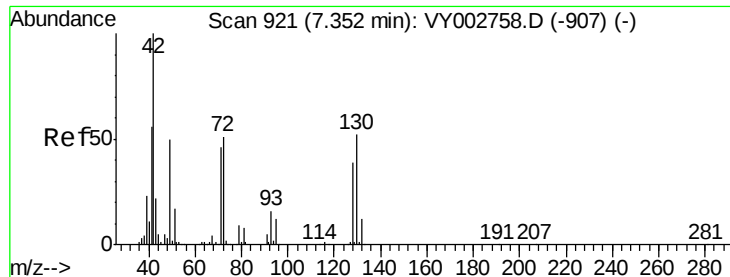


#28

Bromochloromethane
 Concen: 20.929 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion: 49 Resp: 44813
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 95.0 77.1 115.7





#29

Tetrahydrofuran

Concen: 99.353 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

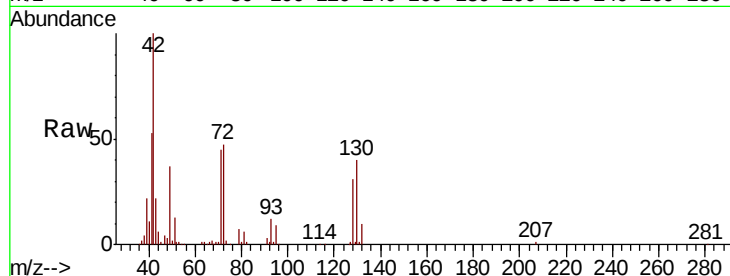
Tot Ion: 42 Resp: 72089

Ion Ratio Lower Upper

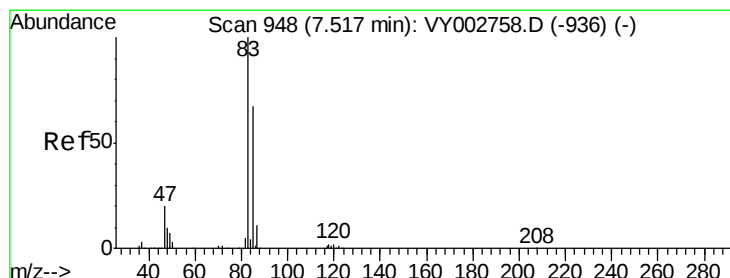
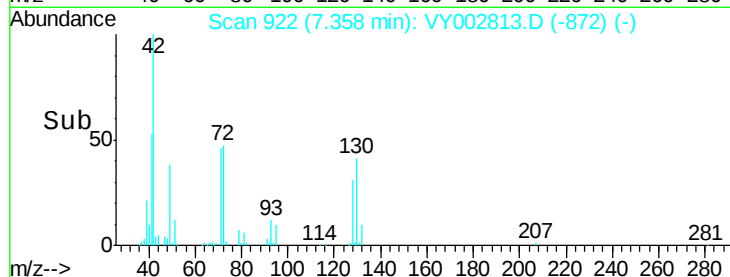
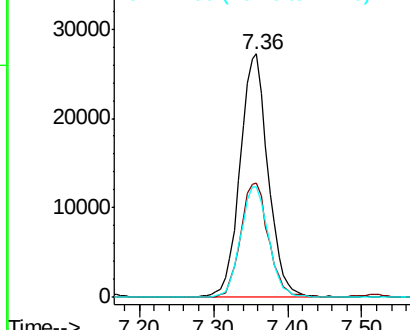
42 100

72 46.7 38.6 58.0

71 45.4 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: 19.686 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002813.D

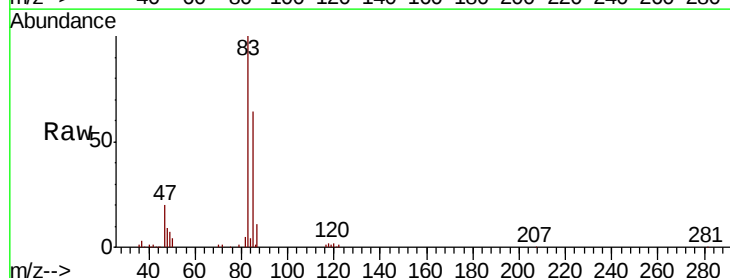
Acq: 02 Jun 2020 11:37

Tgt Ion: 83 Resp: 108954

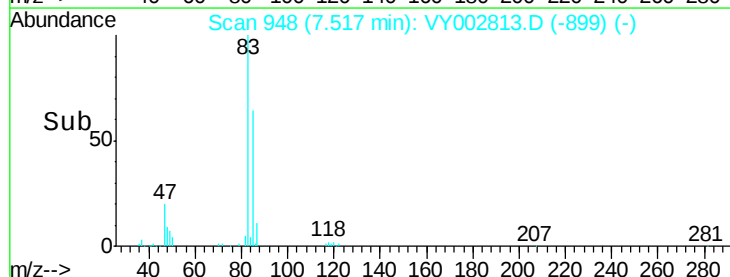
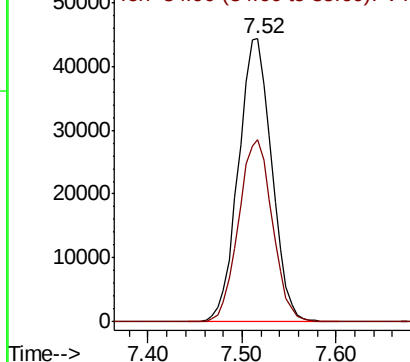
Ion Ratio Lower Upper

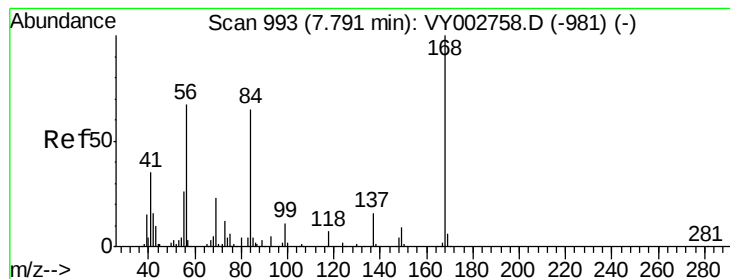
83 100

85 64.3 53.8 80.8



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





#31

Cyclohexane

Concen: 19.405 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

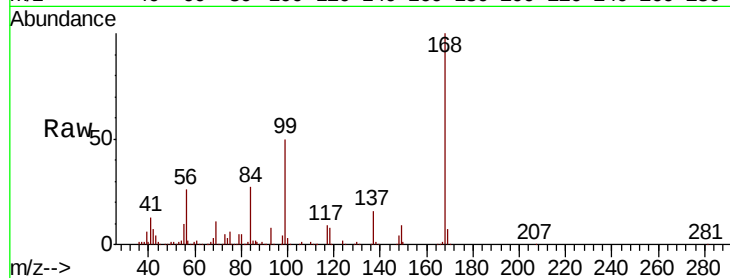
Tot Ion: 56 Resp: 100490

Ion Ratio Lower Upper

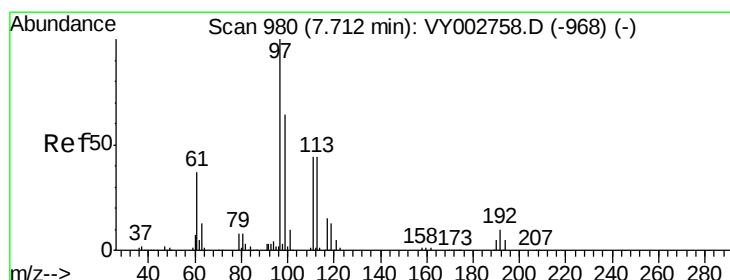
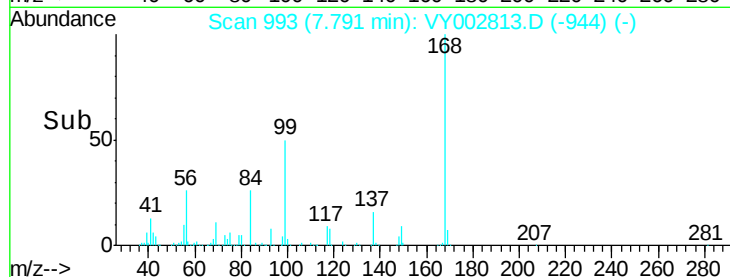
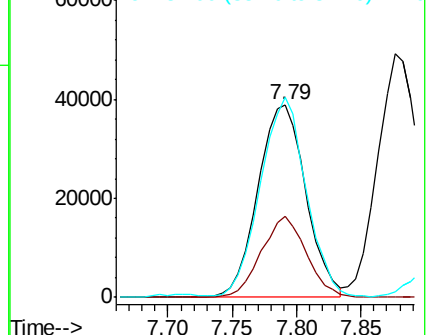
56 100

69 42.4 28.0 42.0#

84 102.3 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: 19.202 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

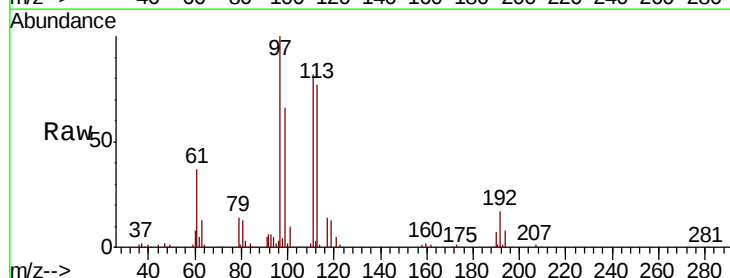
Tgt Ion: 97 Resp: 99034

Ion Ratio Lower Upper

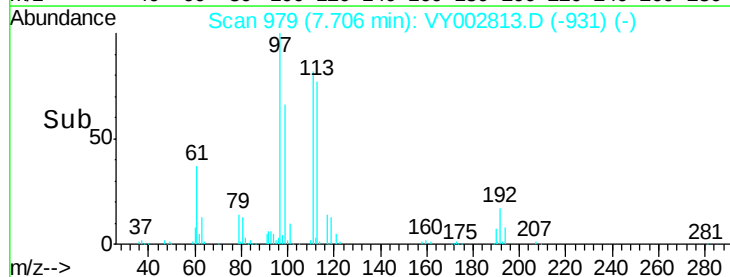
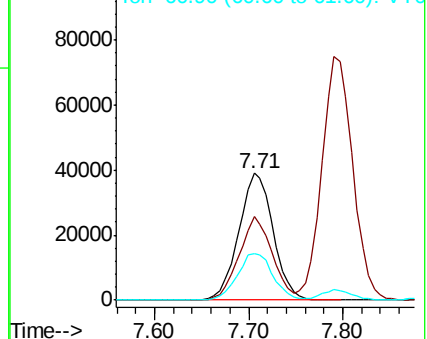
97 100

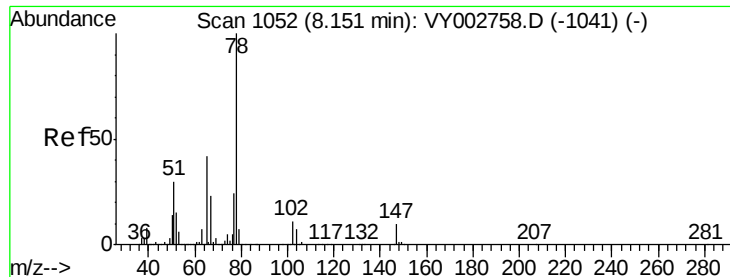
99 63.9 51.4 77.0

61 38.0 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

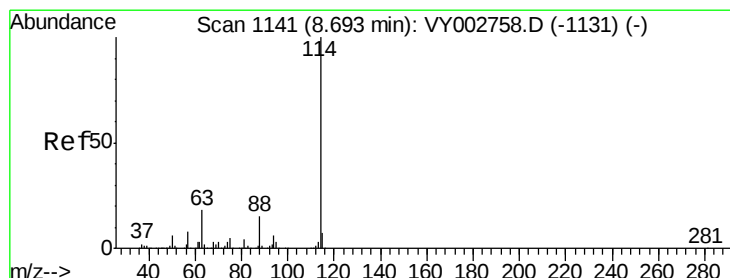
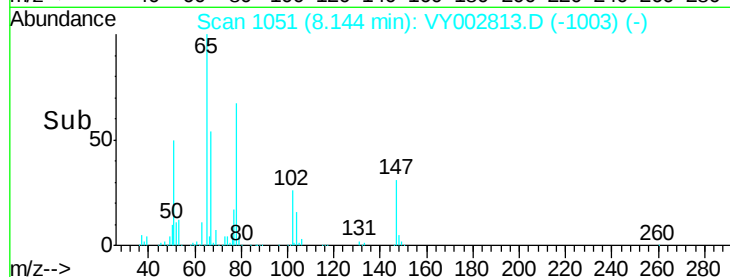
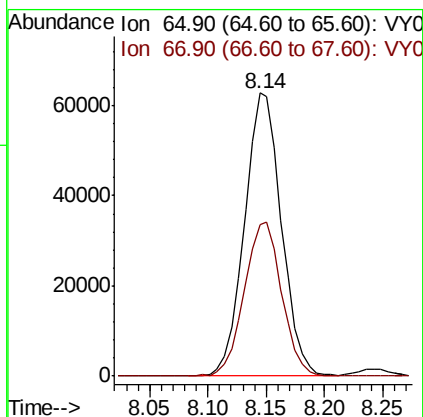
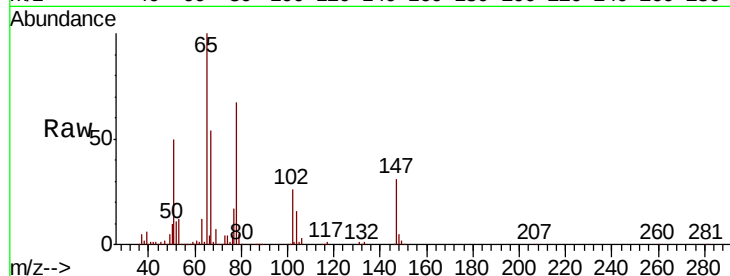




#33
 1,2-Dichloroethane-d4
 Concen: 45.373 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

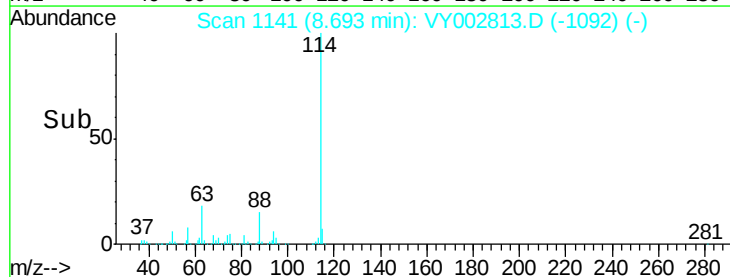
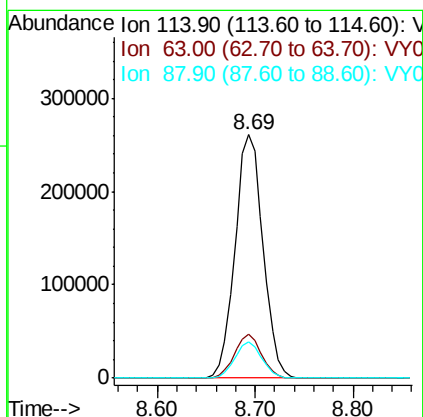
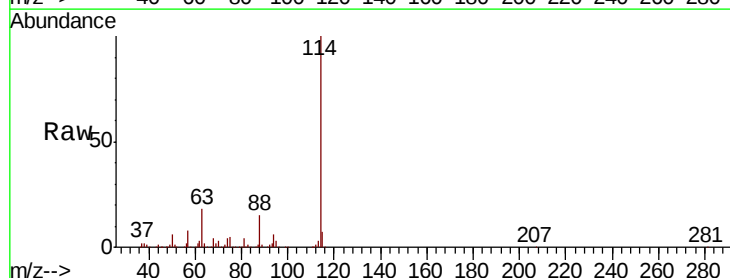
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

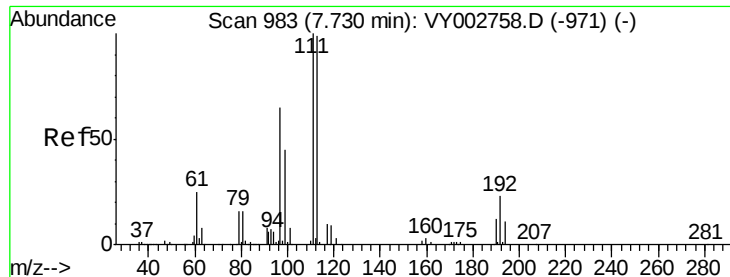
Tot Ion: 65 Resp: 138541
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion: 114 Resp: 516009
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 15.1 0.0 29.2

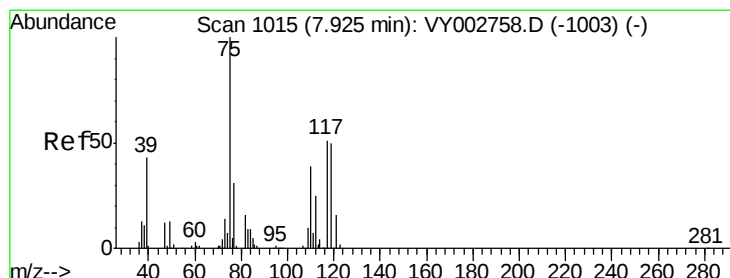
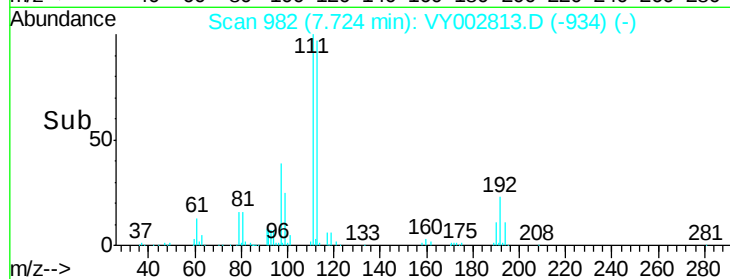
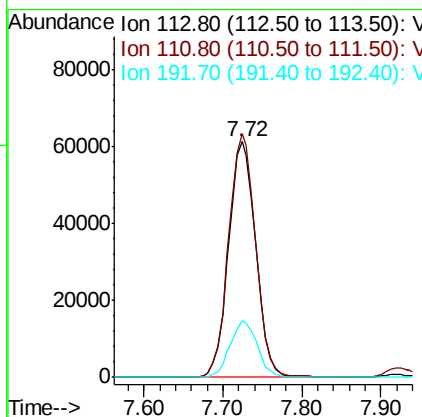
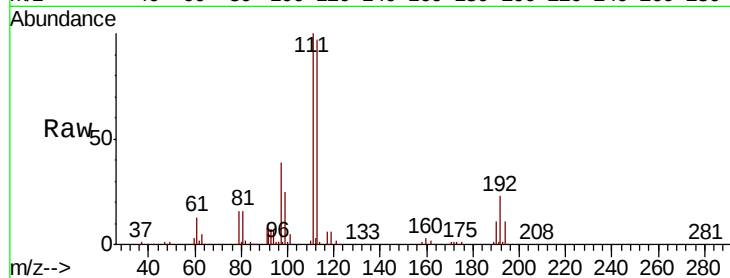




#35
 Dibromofluoromethane
 Concen: 48.378 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

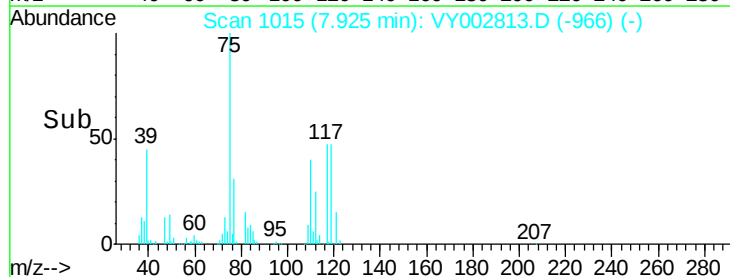
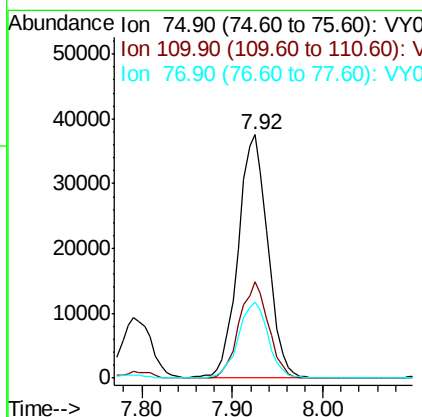
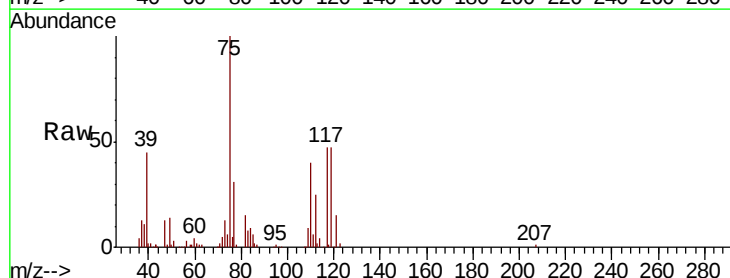
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

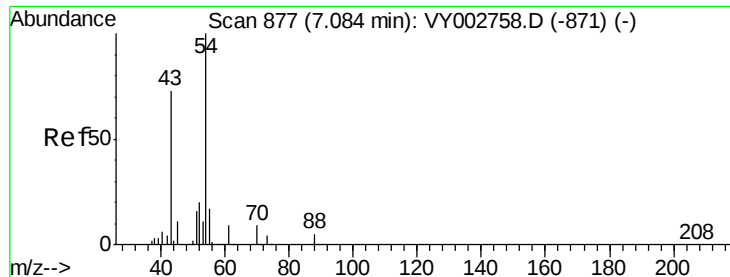
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.9	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 19.530 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.3	57.9
77	31.3	24.8	37.2

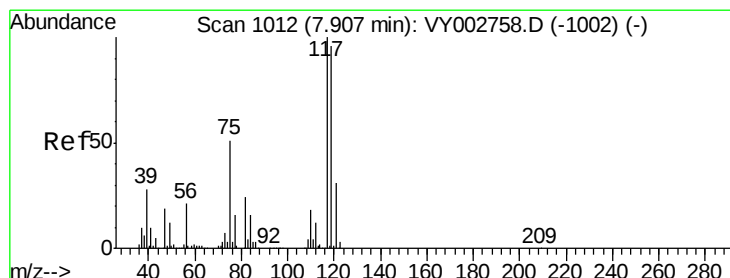
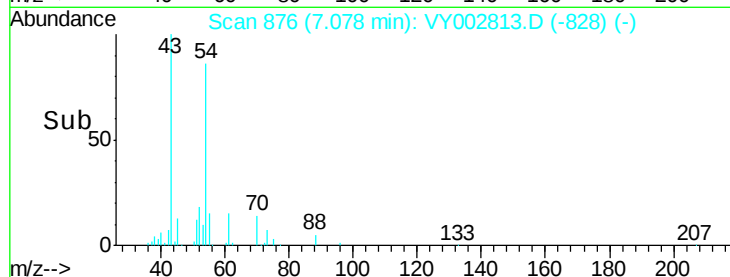
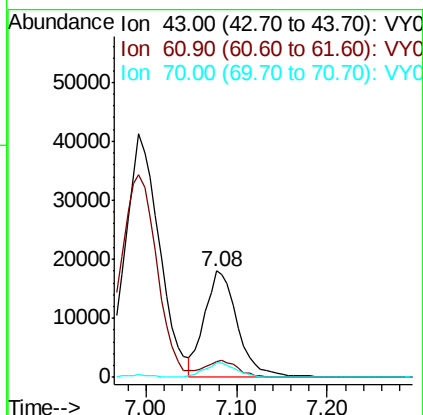
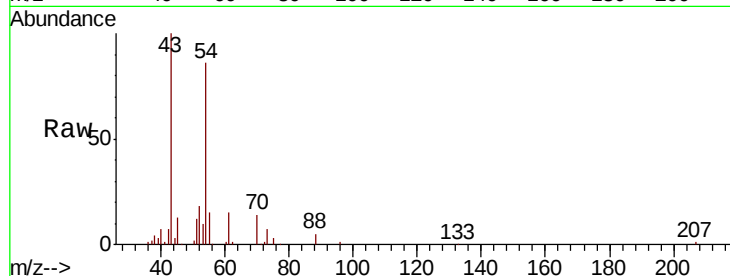




#37
Ethyl Acetate
Concen: 19.603 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

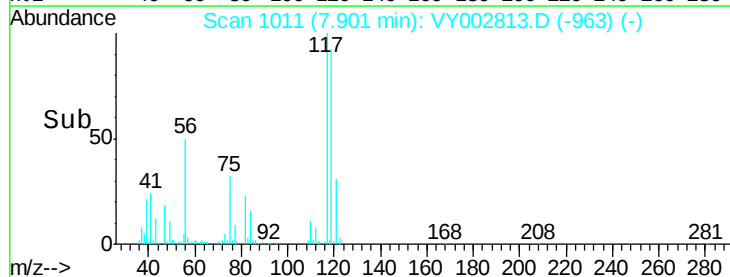
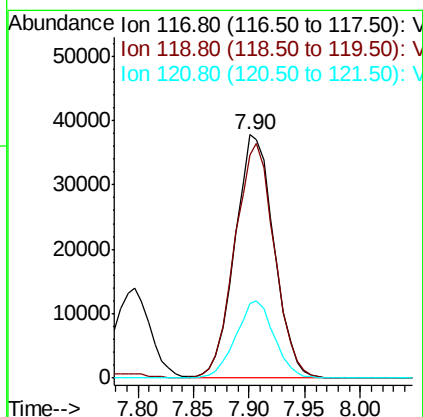
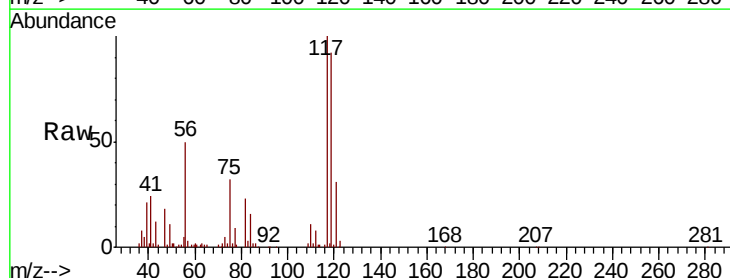
Instrument :
MSVOA_Y
ClientSampled :
VY0602SBS01

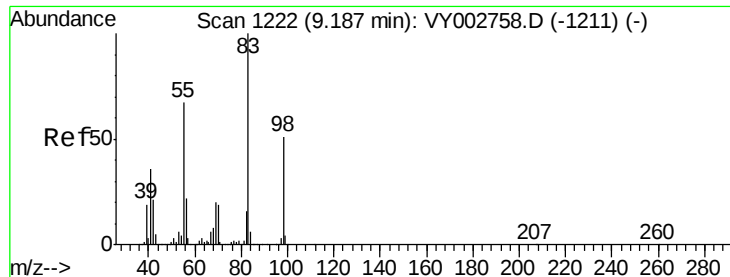
Tot Ion: 43 Resp: 46359
Ion Ratio Lower Upper
43 100
61 16.4 11.9 17.9
70 12.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.080 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion: 117 Resp: 92135
Ion Ratio Lower Upper
117 100
119 91.5 76.8 115.2
121 30.8 24.8 37.2

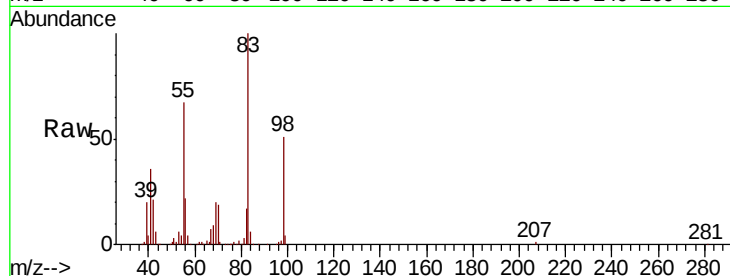




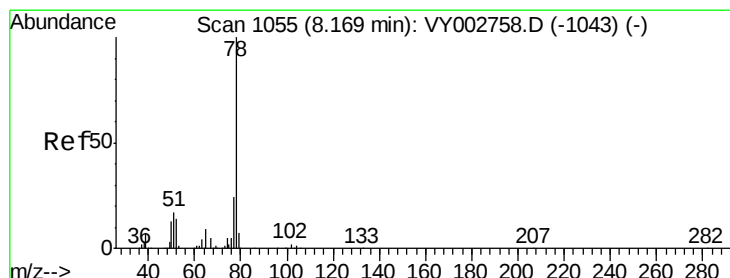
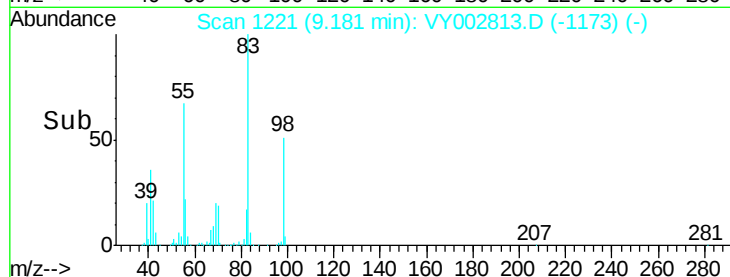
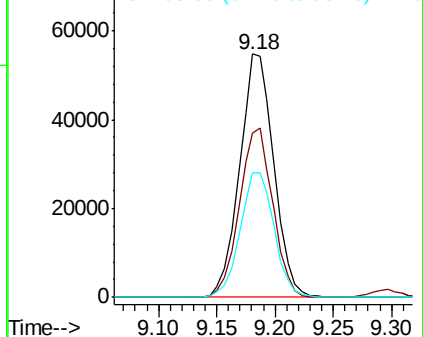
#39
Methvlcvclohexane
Concen: 19.550 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion: 83 Resp: 112009
Ion Ratio Lower Upper
83 100
55 67.4 53.3 79.9
98 51.3 41.1 61.7

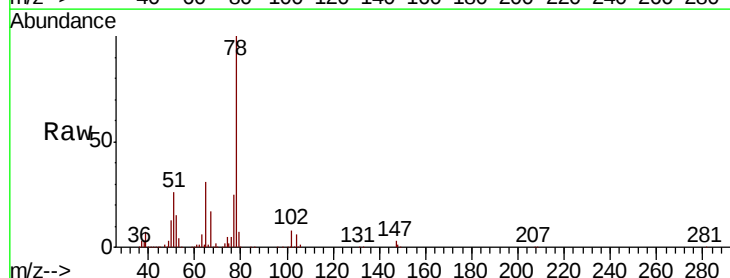


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

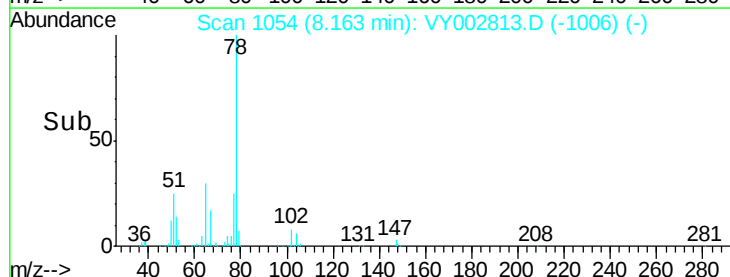
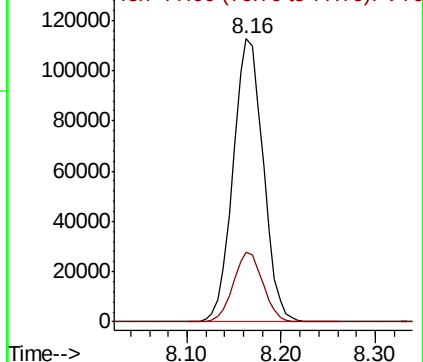


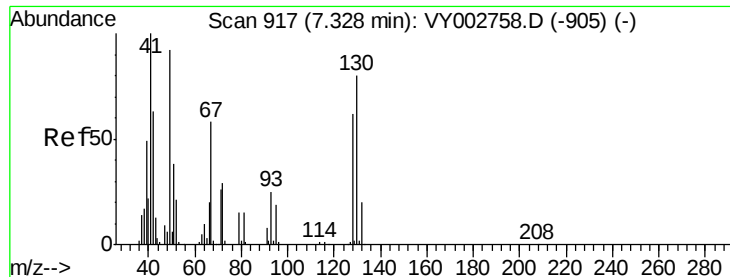
#40
Benzene
Concen: 19.535 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion: 78 Resp: 250896
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

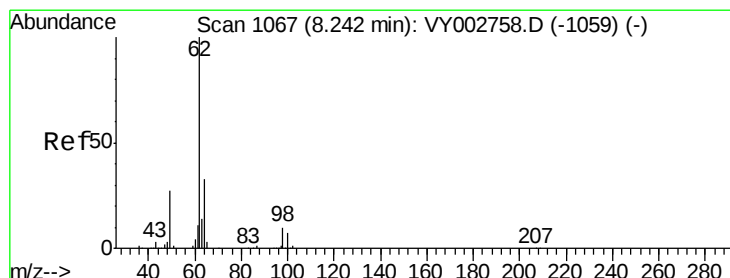
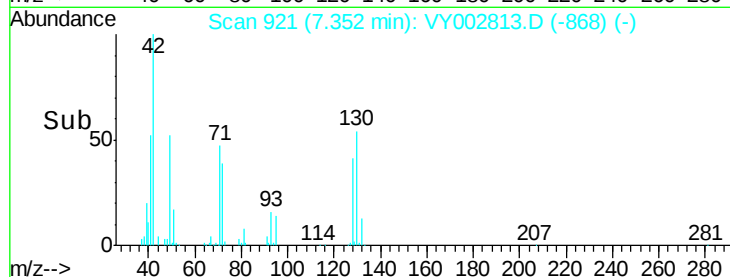
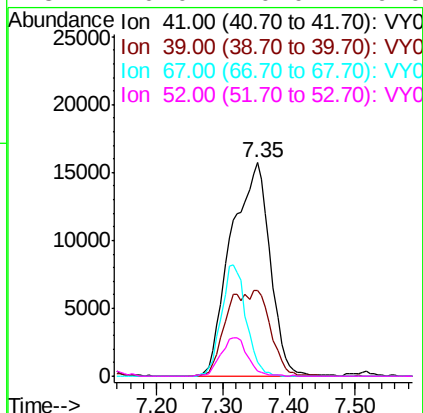
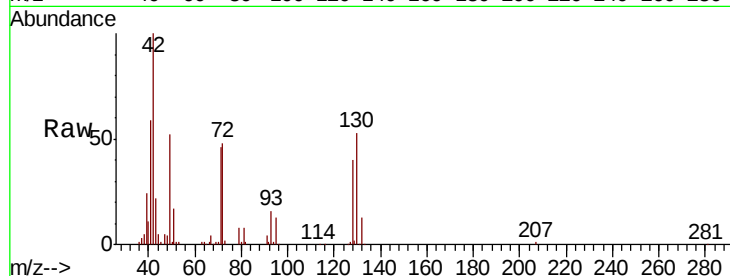




#41
Methacrylonitrile
Concen: 50.912 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

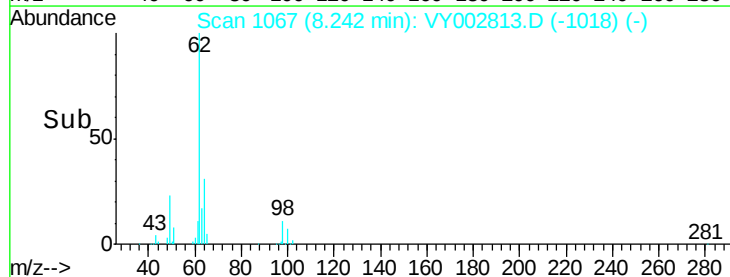
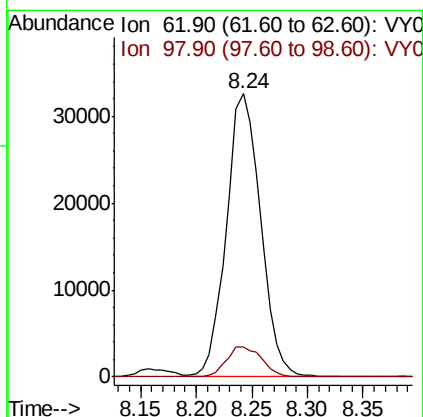
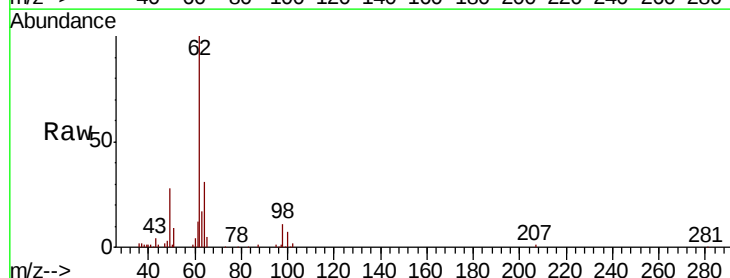
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

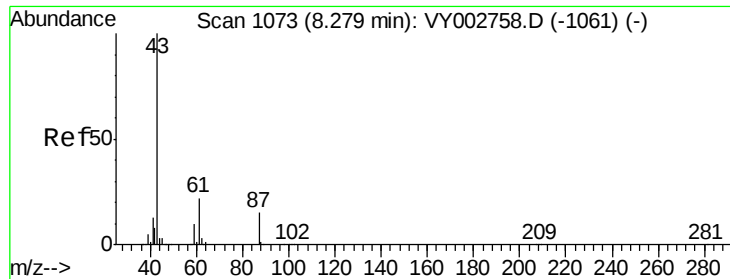
Tot Ion:	41	Resp:	64684
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.318 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion:	62	Resp:	69536
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6





#43

Isopropyl Acetate

Concen: 19.733 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

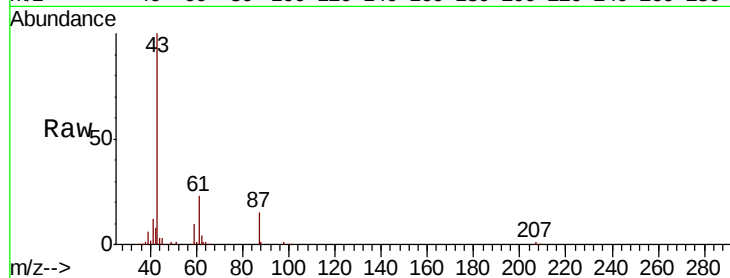
Tot Ion: 43 Resp: 88436

Ion Ratio Lower Upper

43 100

61 31.1 24.8 37.2

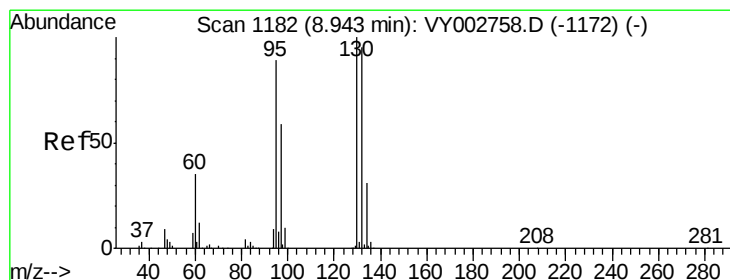
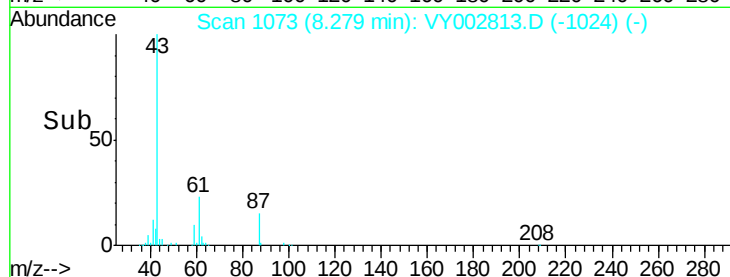
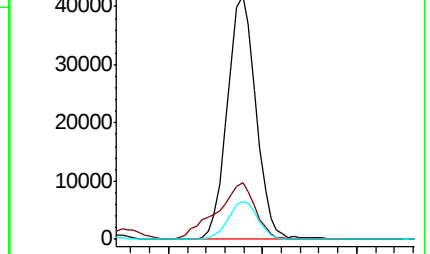
87 16.0 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002813.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002813.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002813.D (-1024) (-)



#44

Trichloroethene

Concen: 19.367 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002813.D

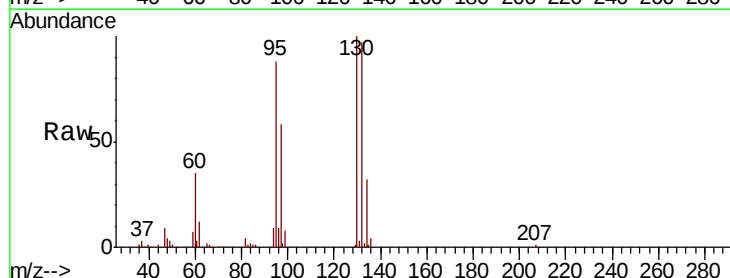
Acq: 02 Jun 2020 11:37

Tgt Ion: 130 Resp: 78572

Ion Ratio Lower Upper

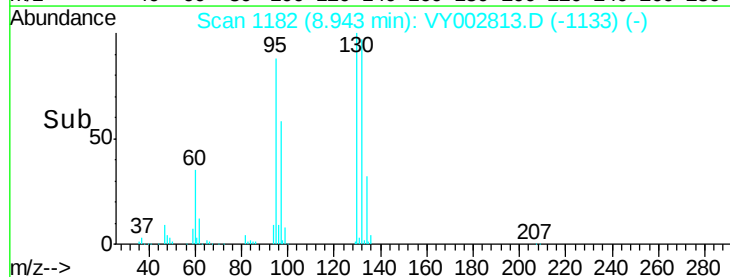
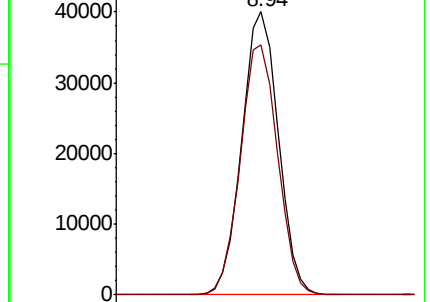
130 100

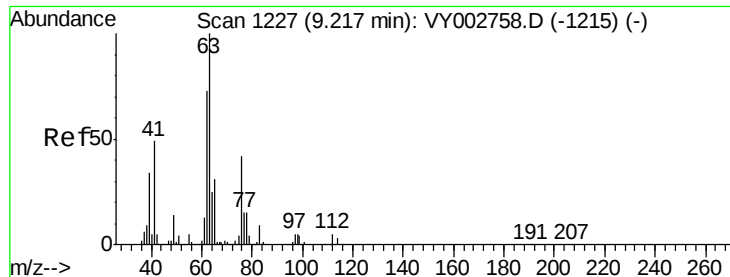
95 88.5 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002813.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002813.D (-1133) (-)

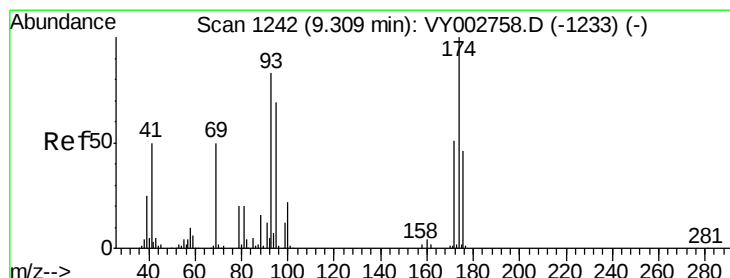
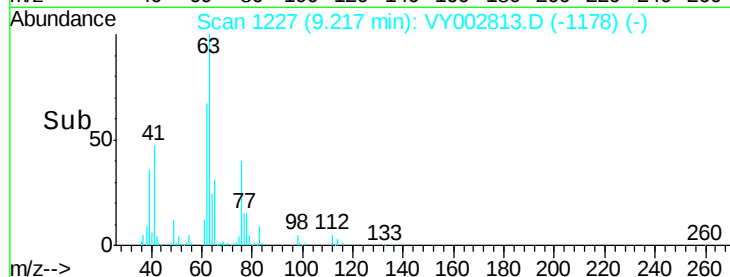
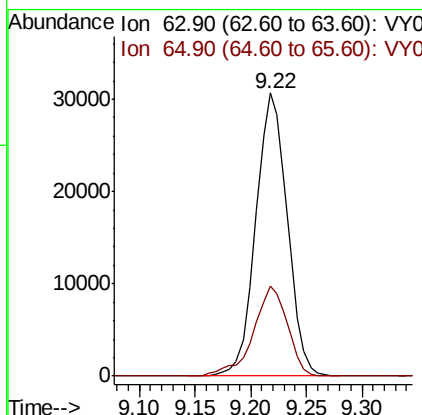
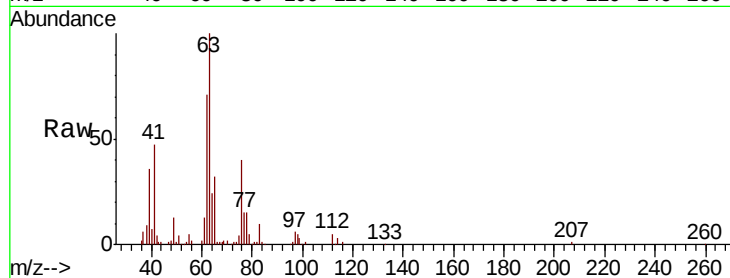




#45
 1,2-Dichloropropane
 Concen: 19.625 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

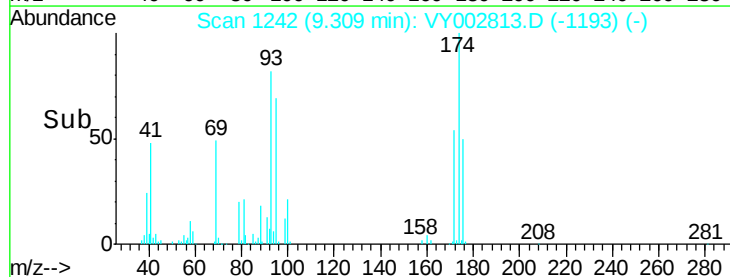
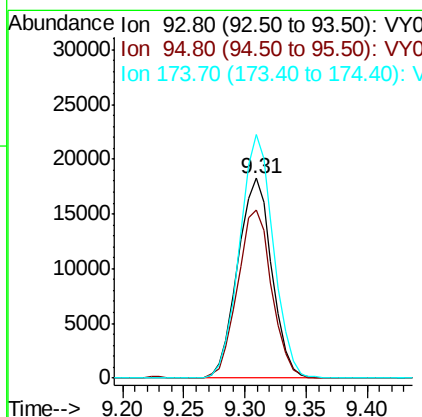
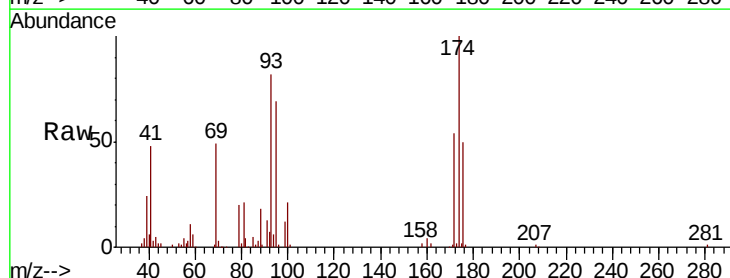
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

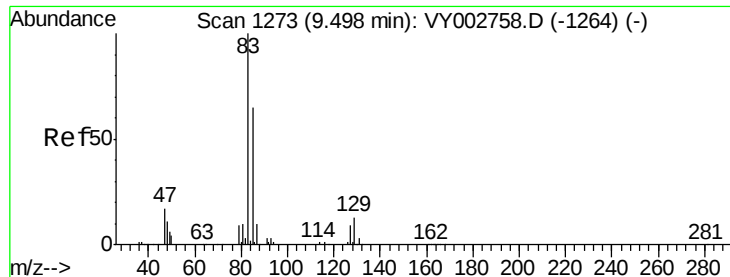
Tot Ion: 63 Resp: 60445
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.8 37.2



#46
 Dibromomethane
 Concen: 19.337 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion: 93 Resp: 35372
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.9 100.3
 174 120.1 97.7 146.5





#47

Bromodichloromethane

Concen: 19.658 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

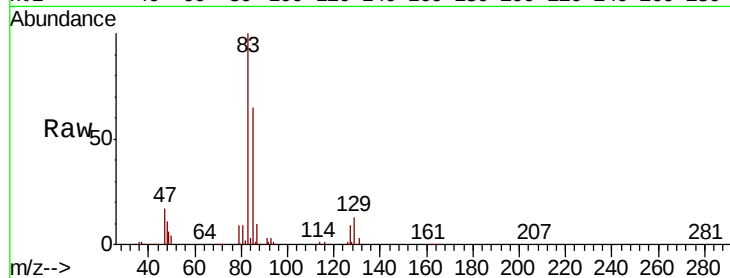
Tot Ion: 83 Resp: 84771

Ion Ratio Lower Upper

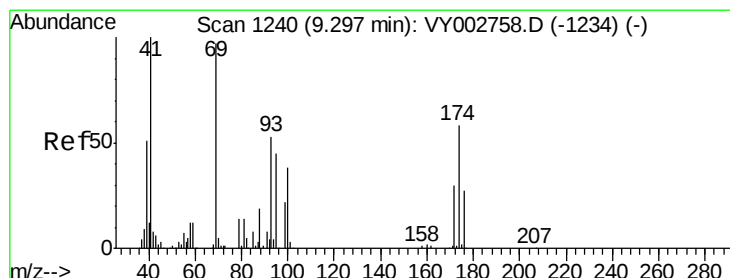
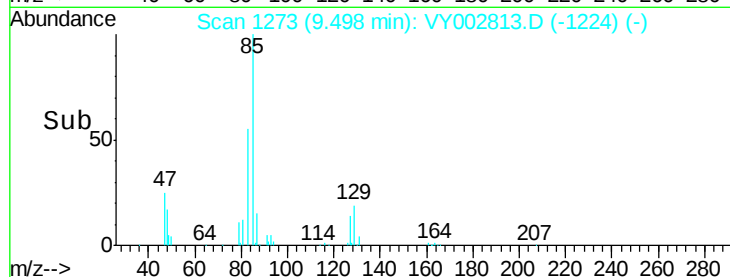
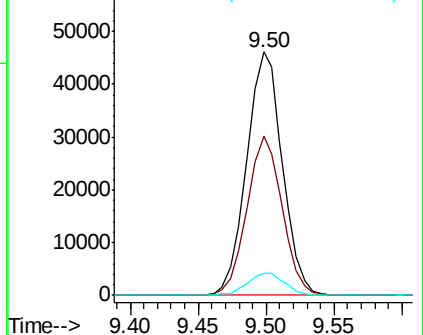
83 100

85 65.4 51.9 77.9

127 9.3 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: 19.725 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

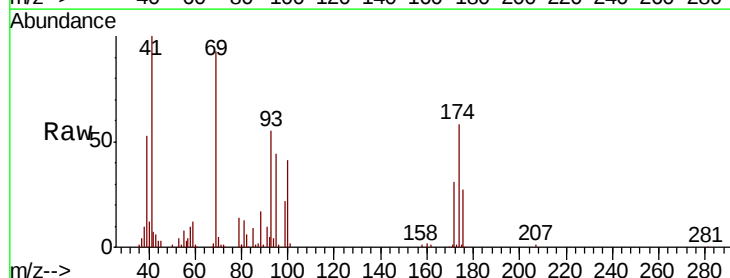
Tgt Ion: 41 Resp: 39906

Ion Ratio Lower Upper

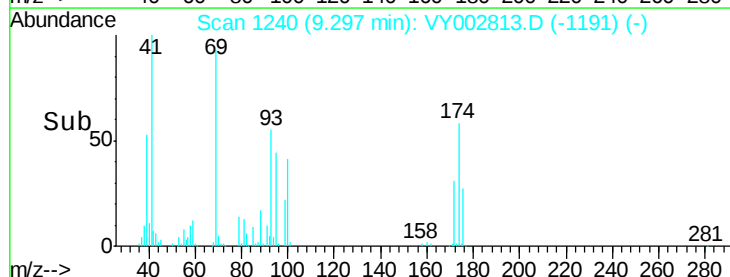
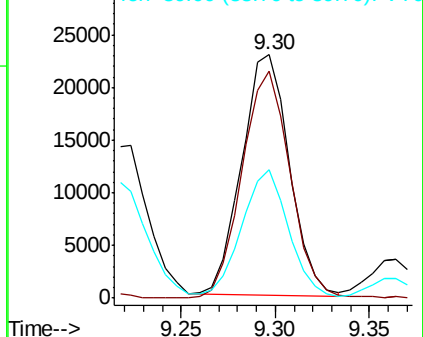
41 100

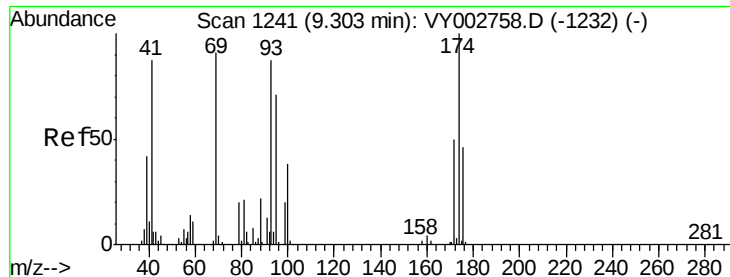
69 95.8 79.7 119.5

39 53.1 43.3 64.9



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

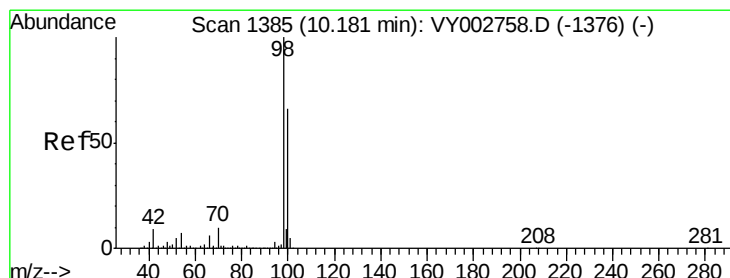
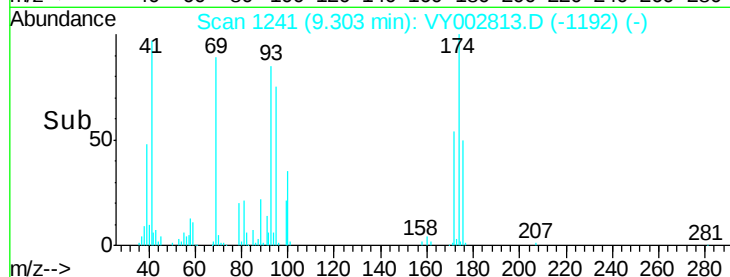
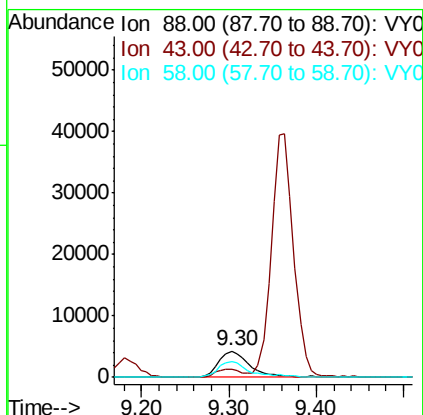
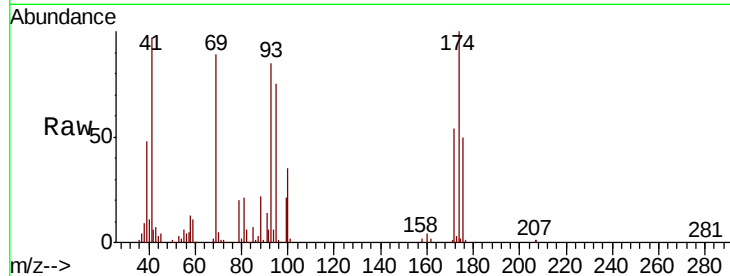




#49
1,4-Dioxane
Concen: 383.809 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

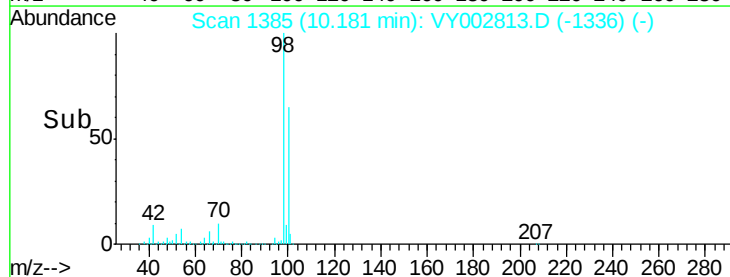
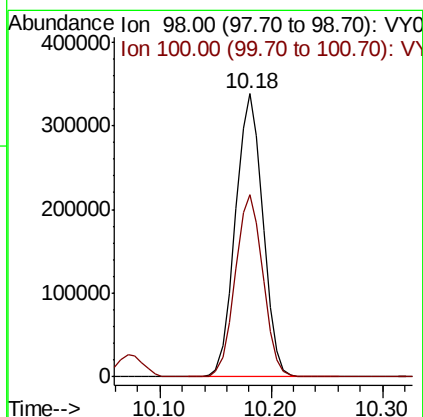
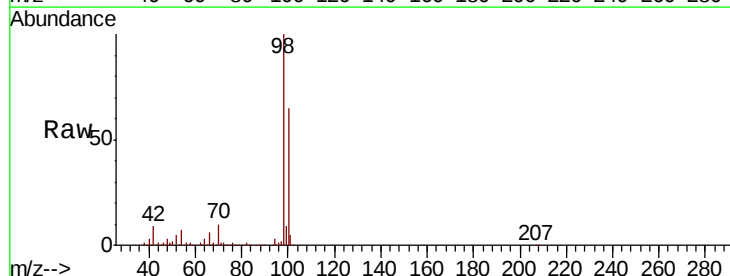
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

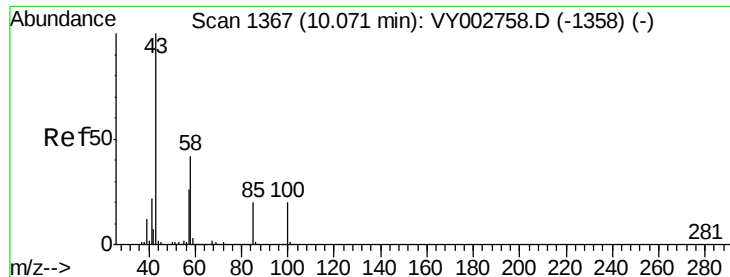
Tot Ion: 88 Resp: 10780
Ion Ratio Lower Upper
88 100
43 26.7 21.3 31.9
58 62.1 52.2 78.2



#50
Toluene-d8
Concen: 47.103 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion: 98 Resp: 575931
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 98.165 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

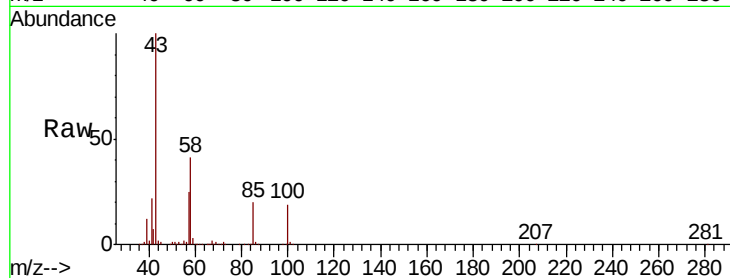
VY0602SBS01

Tot Ion: 43 Resp: 232958

Ion Ratio Lower Upper

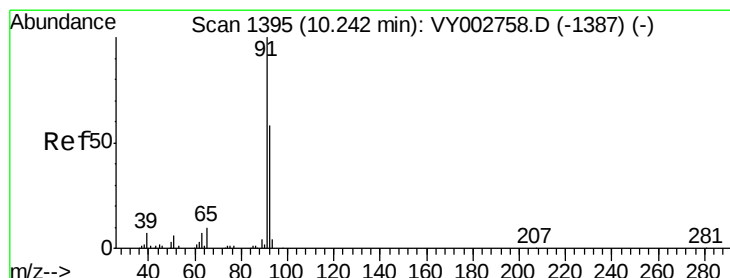
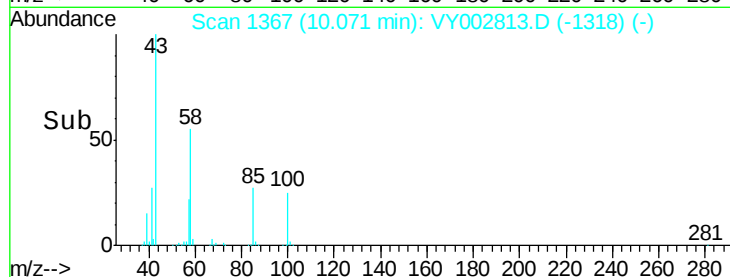
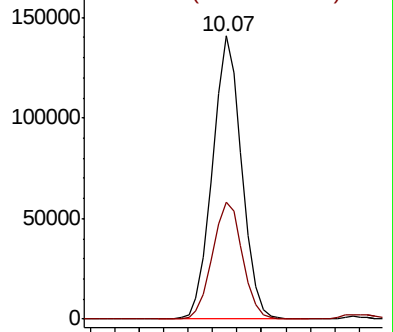
43 100

58 42.7 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 19.505 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002813.D

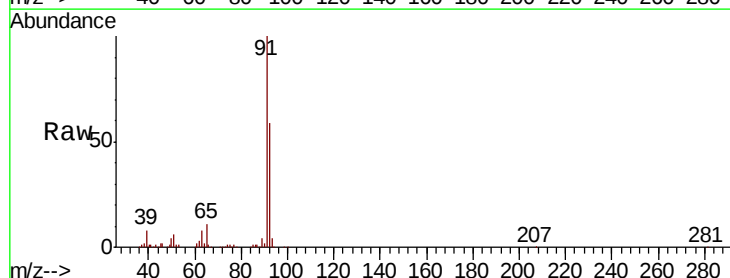
Acq: 02 Jun 2020 11:37

Tgt Ion: 92 Resp: 163881

Ion Ratio Lower Upper

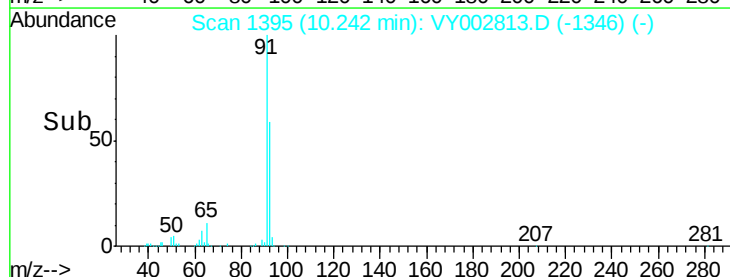
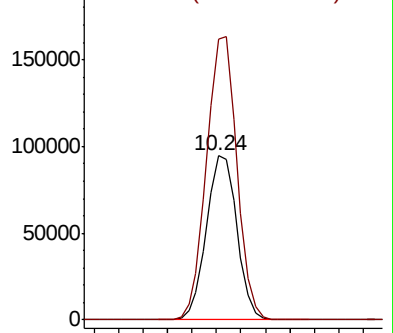
92 100

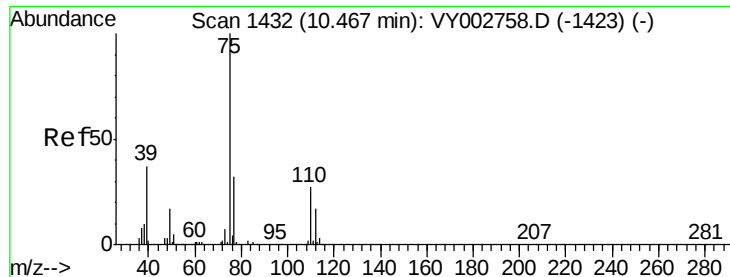
91 171.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.526 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

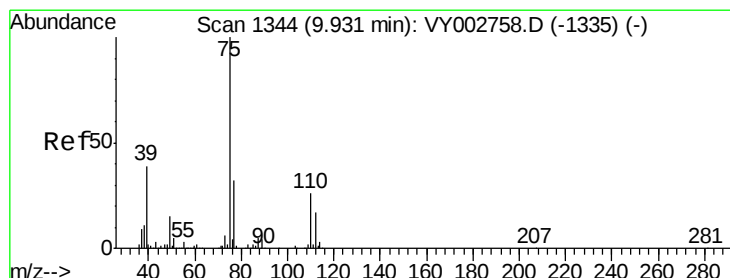
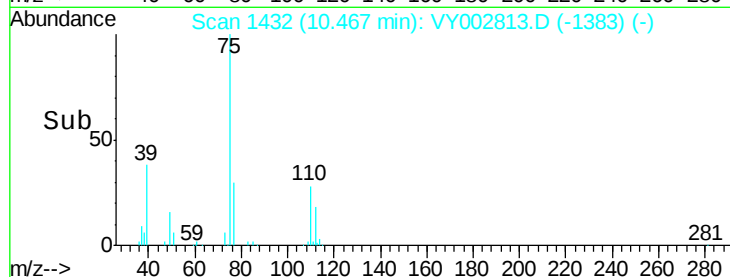
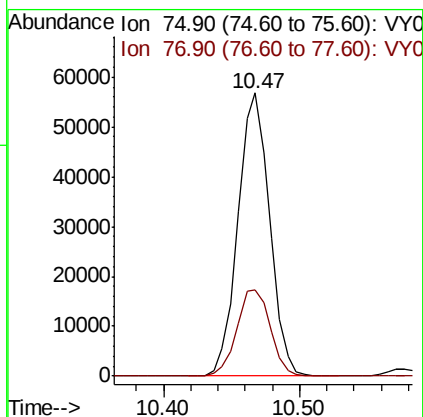
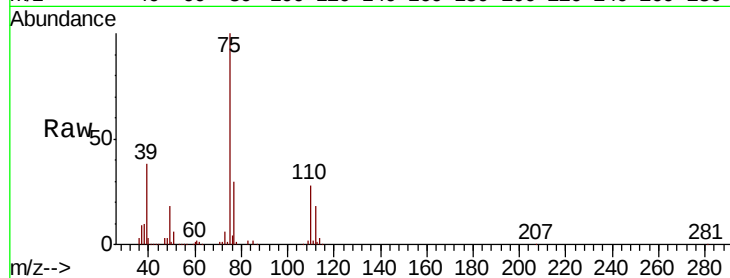
VY0602SBS01

Tot Ion: 75 Resp: 91971

Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.478 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

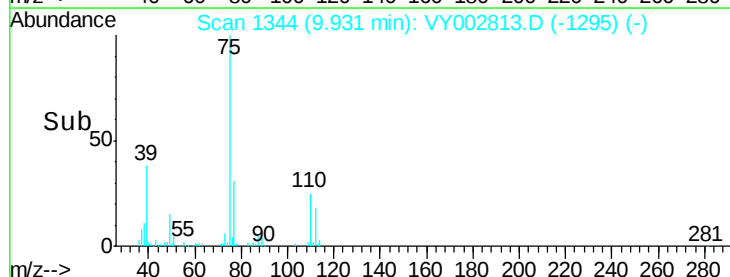
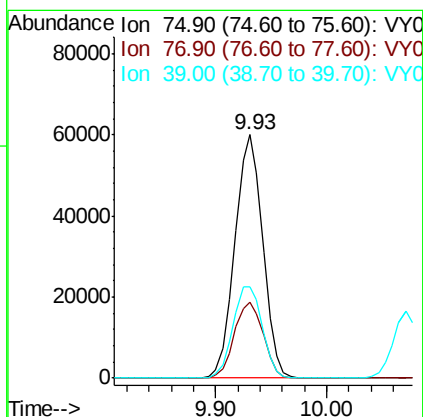
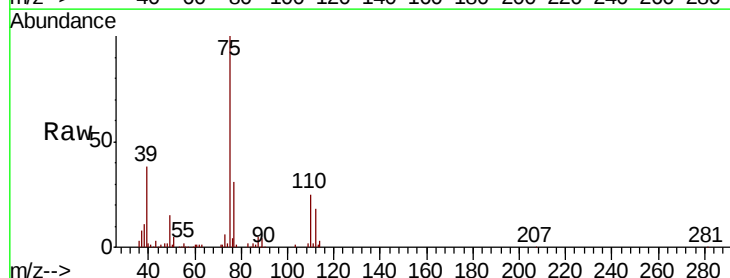
Tgt Ion: 75 Resp: 103955

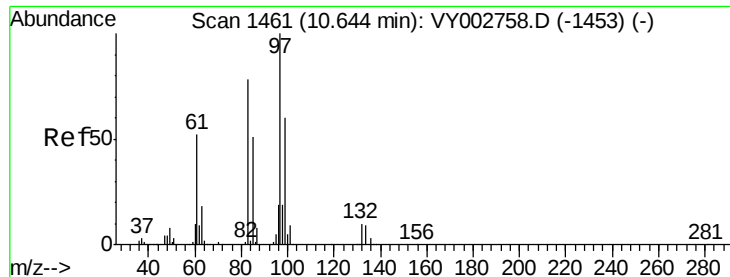
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 37.5 31.3 46.9

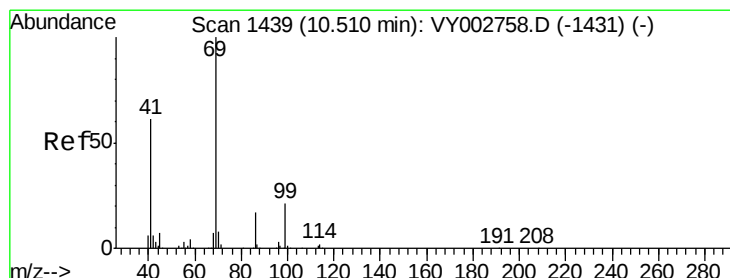
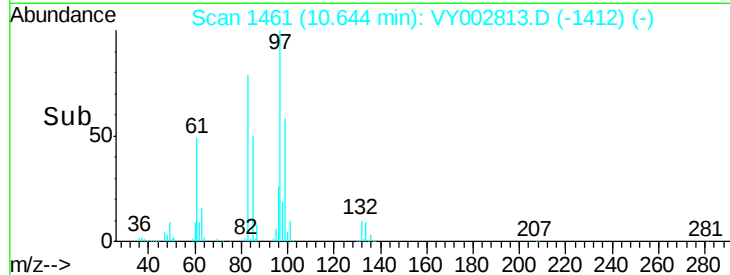
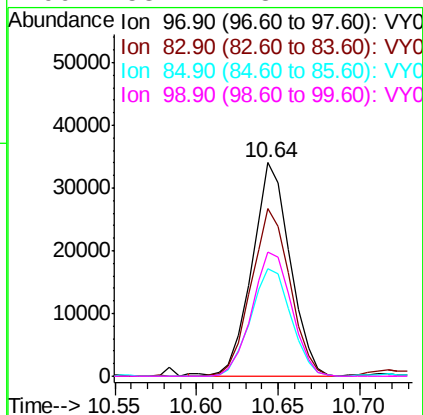
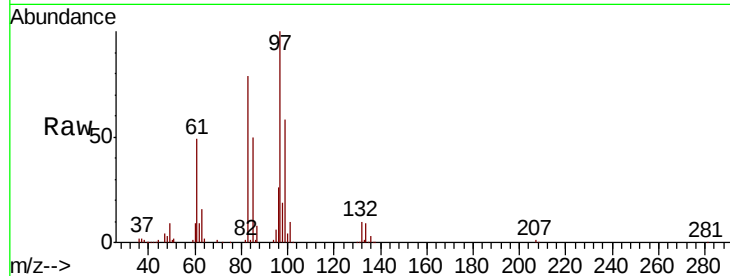




#55
 1,1,2-Trichloroethane
 Concen: 19.494 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

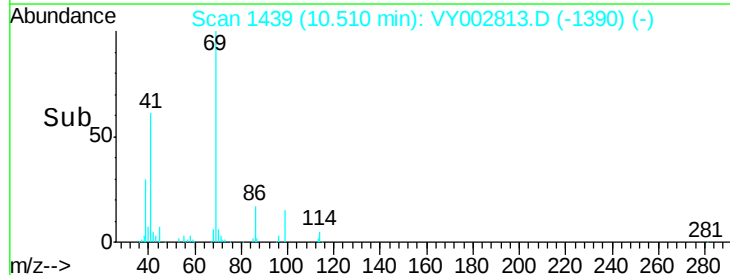
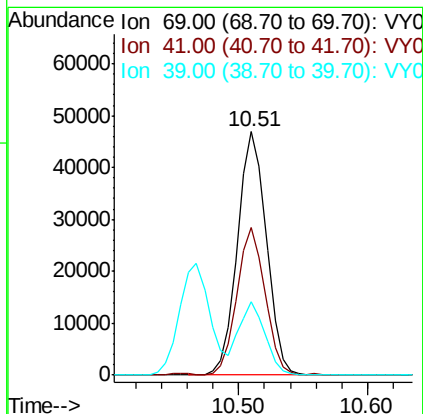
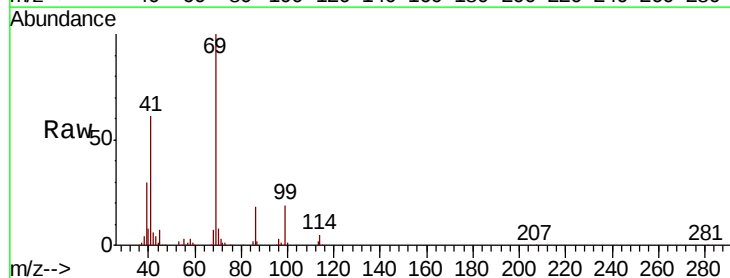
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

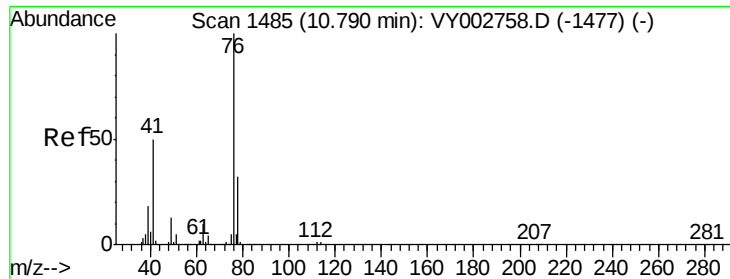
Tot Ion:	97	Resp:	54591
Ion	Ratio	Lower	Upper
97	100		
83	79.0	62.7	94.1
85	50.6	40.6	60.8
99	58.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 19.474 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion:	69	Resp:	73047
Ion	Ratio	Lower	Upper
69	100		
41	58.5	47.0	70.4
39	27.1	22.0	33.0





#57

1,3-Dichloropropane

Concen: 19.709 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

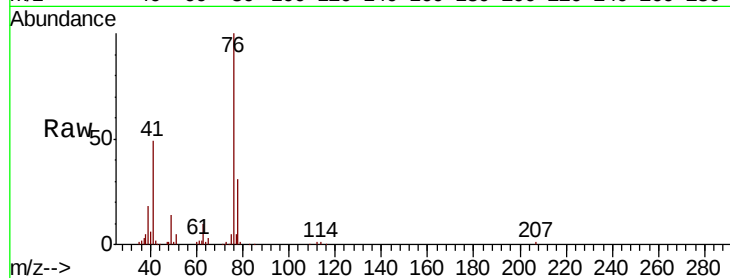
VY0602SBS01

Tot Ion: 76 Resp: 90783

Ion Ratio Lower Upper

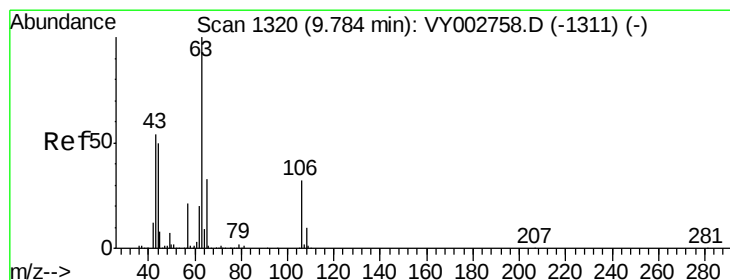
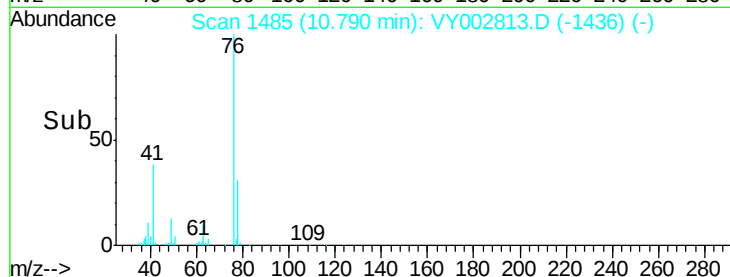
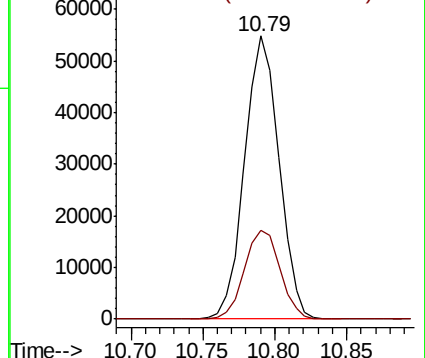
76 100

78 32.4 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: 99.415 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002813.D

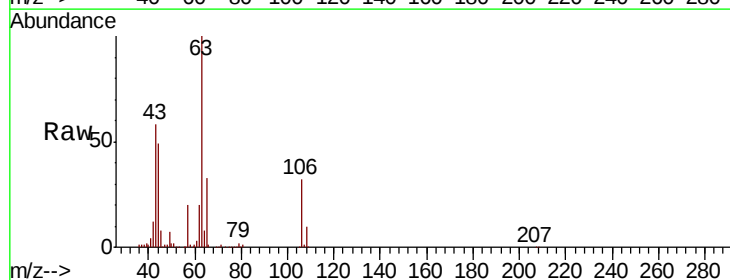
Acq: 02 Jun 2020 11:37

Tgt Ion: 63 Resp: 182210

Ion Ratio Lower Upper

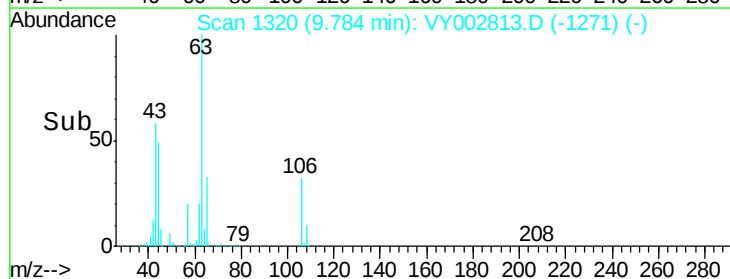
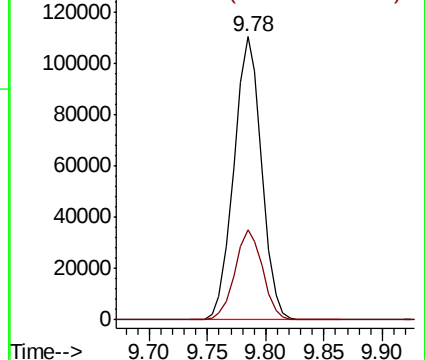
63 100

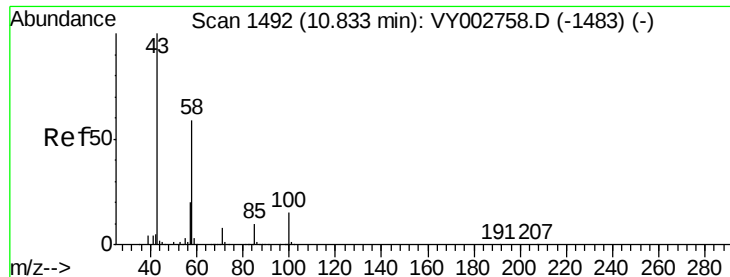
106 31.8 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 98.473 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

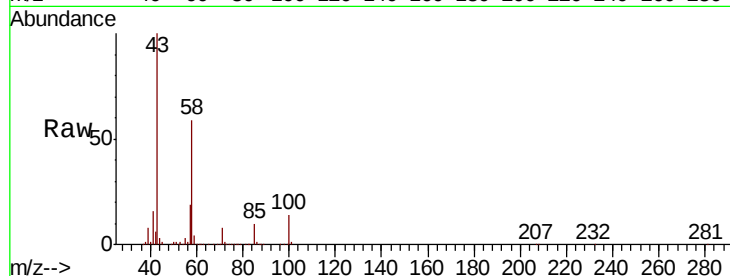
VY0602SBS01

Tot Ion: 43 Resp: 165808

Ion Ratio Lower Upper

43 100

58 59.9 29.5 88.5



Abundance Ion 43.00 (42.70 to 43.70): VY002813.D (-1443) (-)

Ion 58.00 (57.70 to 58.70): VY002813.D (-1443) (-)

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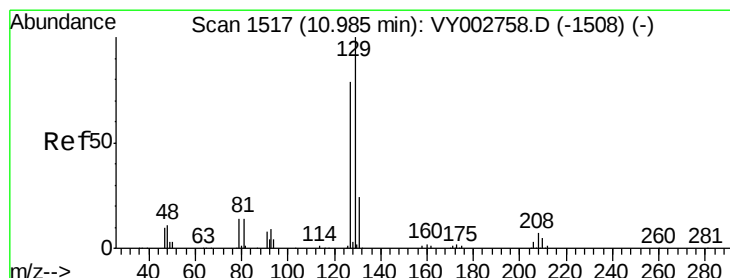
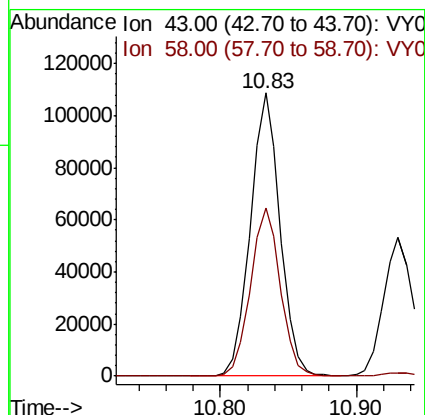
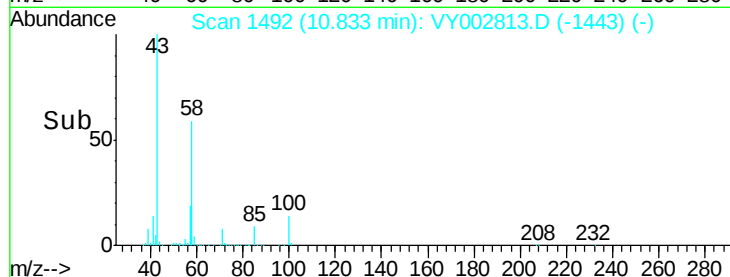
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#60

Dibromochloromethane

Concen: 19.325 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY002813.D

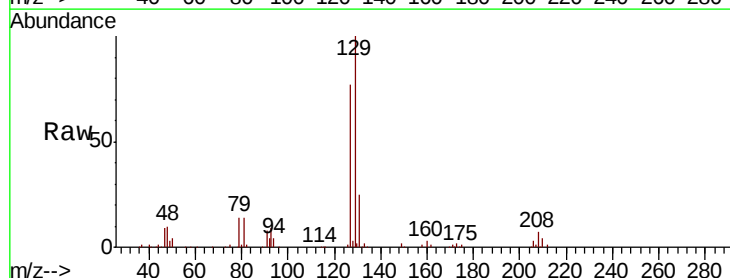
Acq: 02 Jun 2020 11:37

Tgt Ion: 129 Resp: 68611

Ion Ratio Lower Upper

129 100

127 77.2 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VY002813.D (-1468) (-)

Ion 126.80 (126.50 to 127.50): VY002813.D (-1468) (-)

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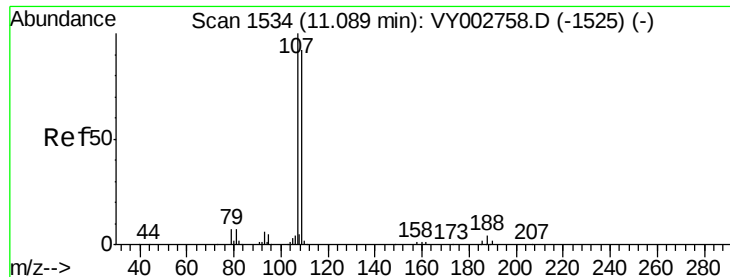
10.99

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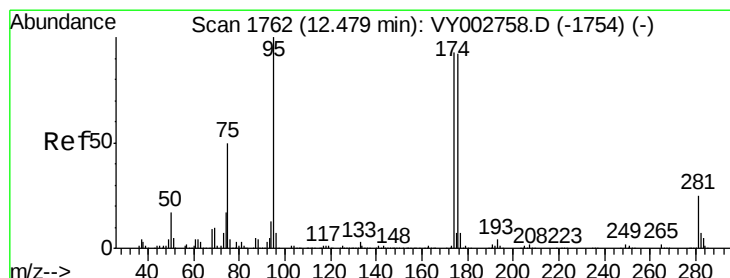
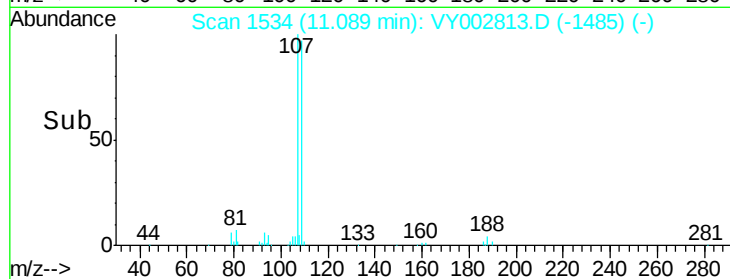
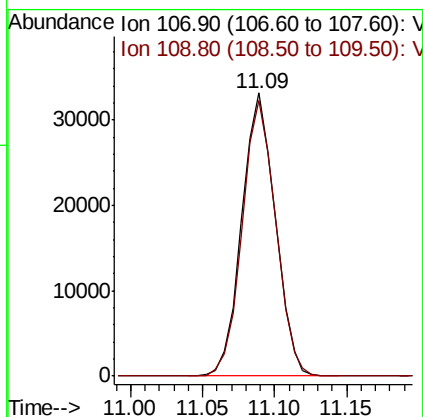
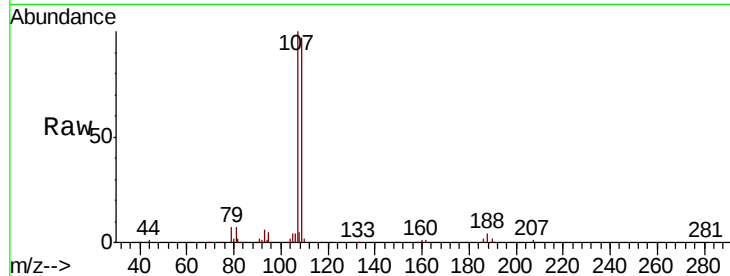
10.99



#61
 1,2-Dibromoethane
 Concen: 19.311 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

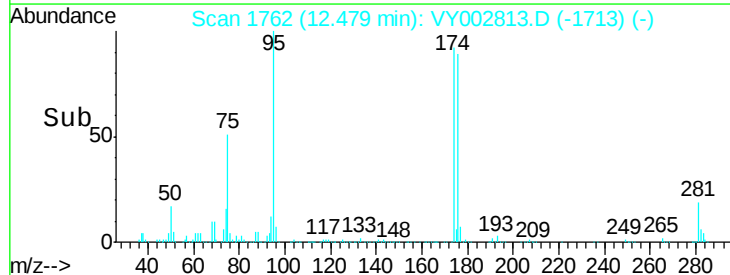
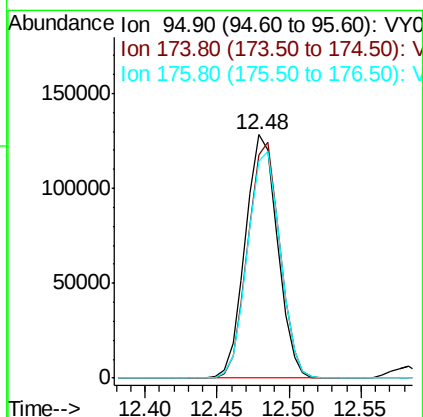
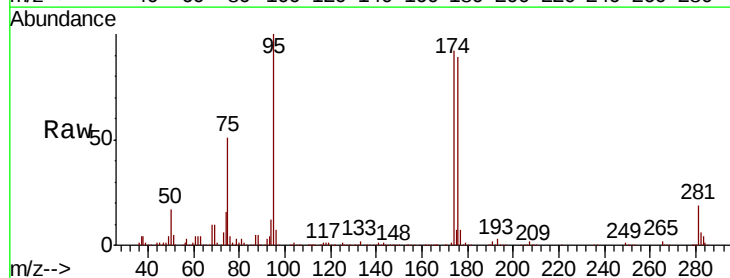
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

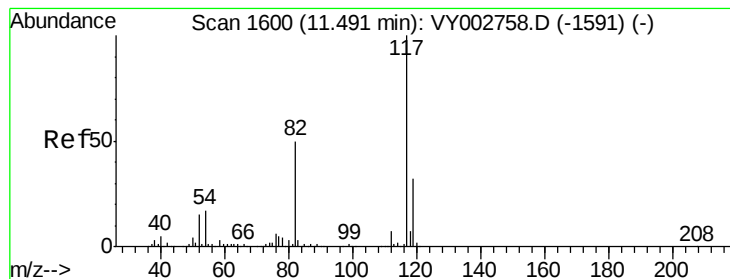
Tot Ion:107 Resp: 53348
 Ion Ratio Lower Upper
 107 100
 109 97.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.598 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion: 95 Resp: 198894
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 191.2
 176 94.0 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: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

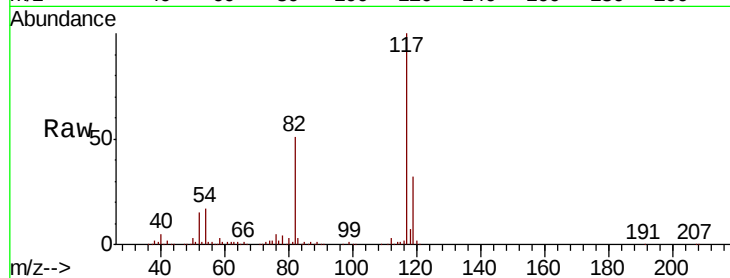
Tot Ion:117 Resp: 475777

Ion Ratio Lower Upper

117 100

82 51.0 40.2 60.4

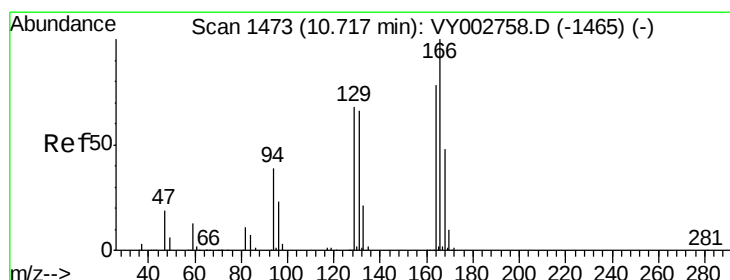
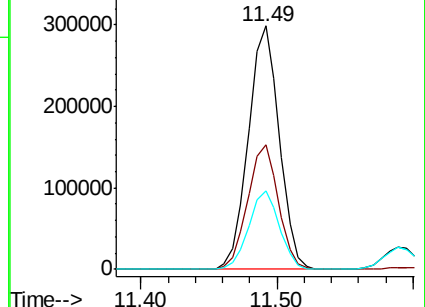
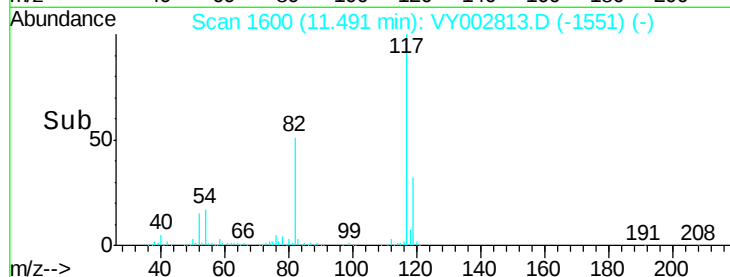
119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.782 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion:164 Resp: 81214

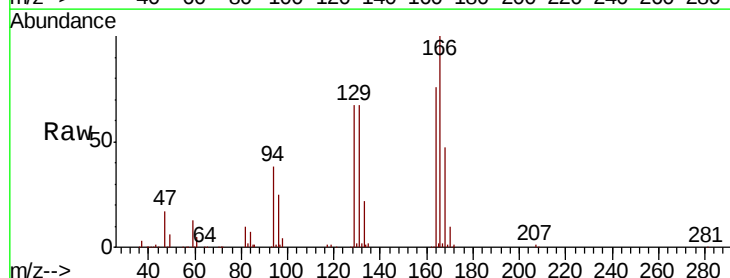
Ion Ratio Lower Upper

164 100

166 132.1 102.3 153.5

129 87.9 69.4 104.2

131 89.0 67.8 101.6

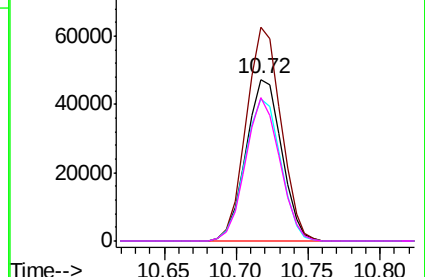
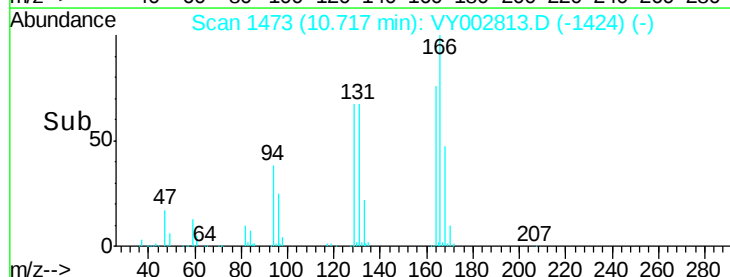


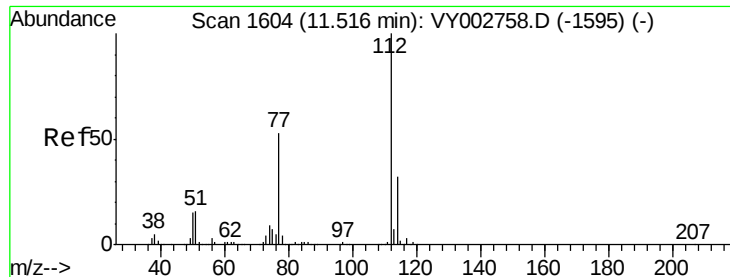
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

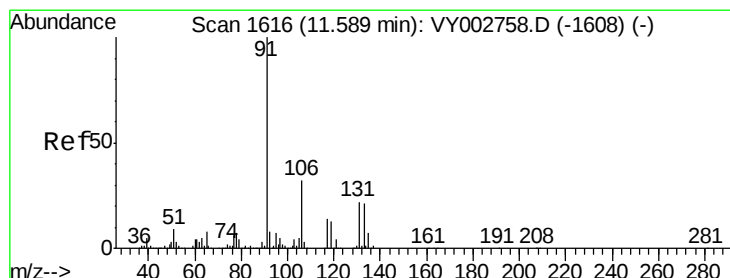
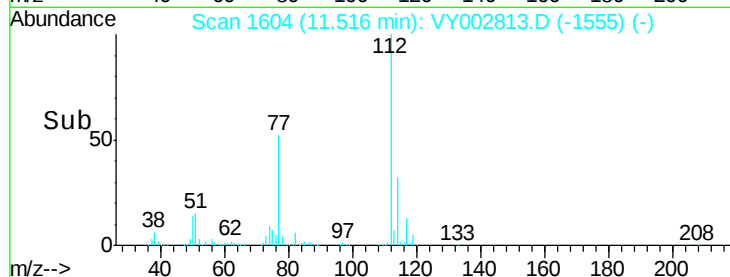
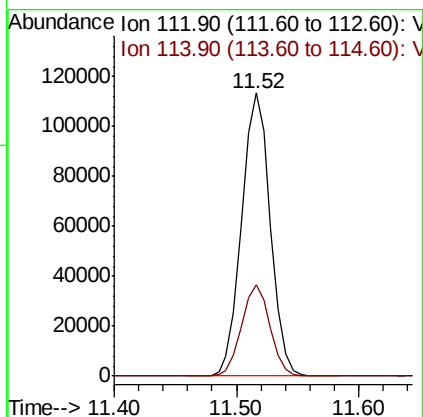
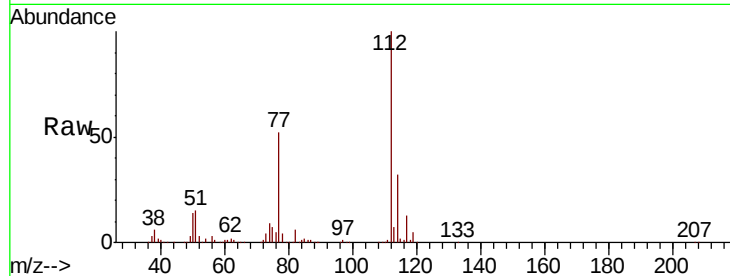




#65
Chlorobenzene
Concen: 19.529 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

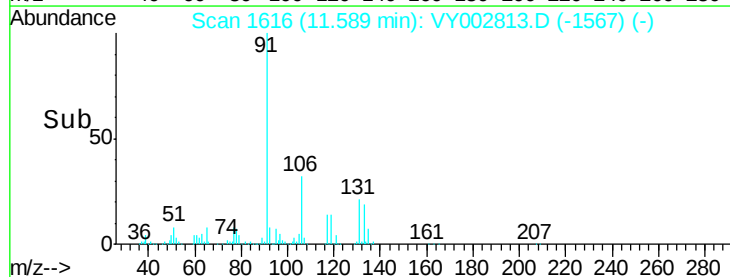
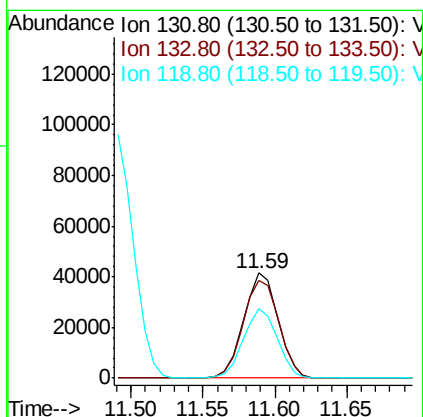
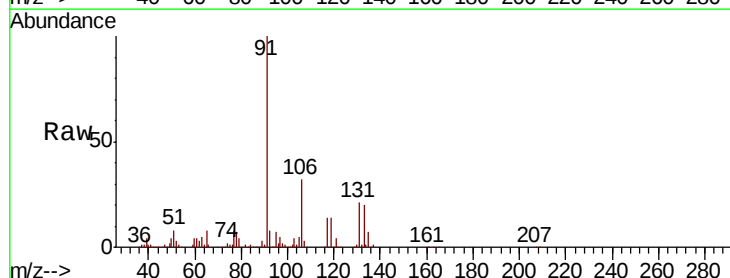
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

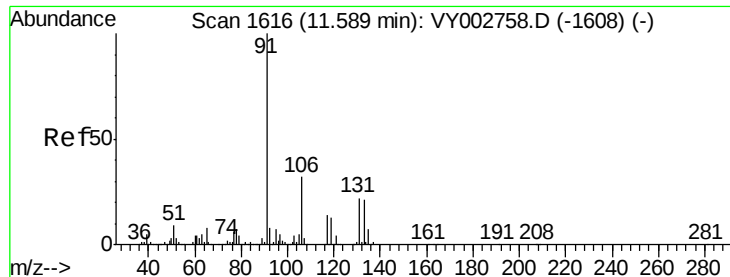
Tot Ion:112 Resp: 183649
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.320 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion:131 Resp: 68425
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 65.5 31.7 95.1

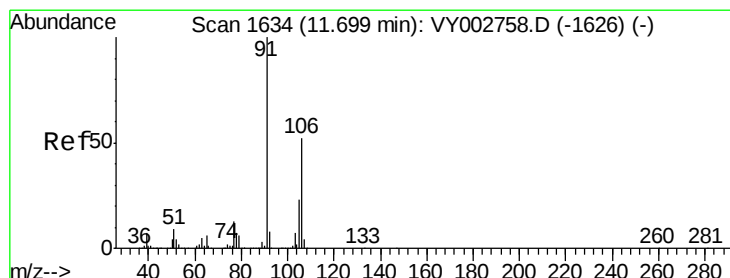
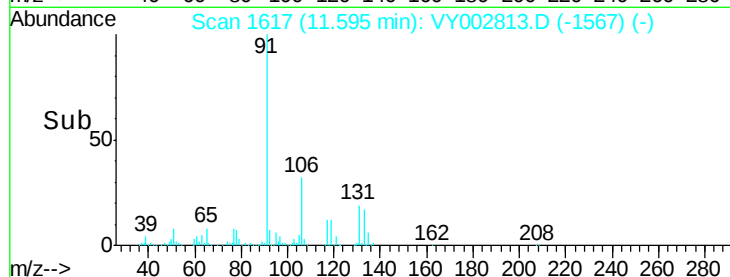
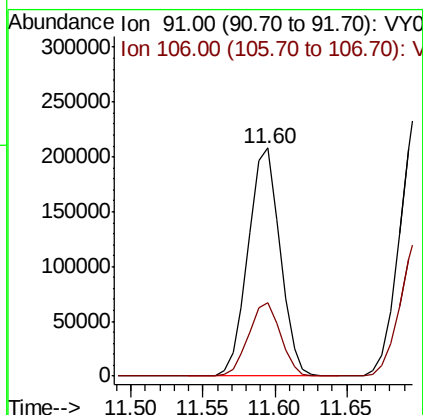
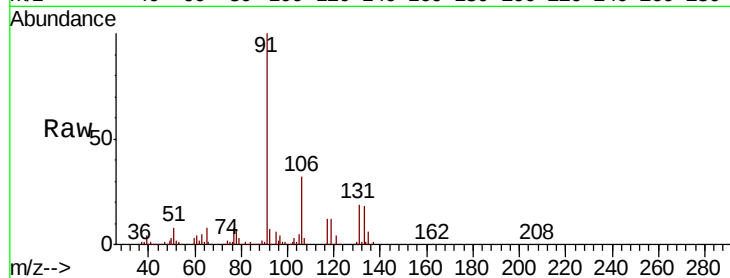




#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

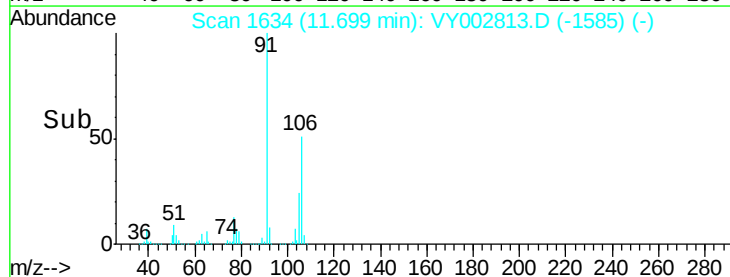
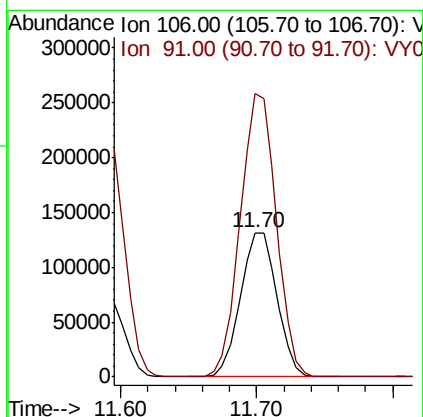
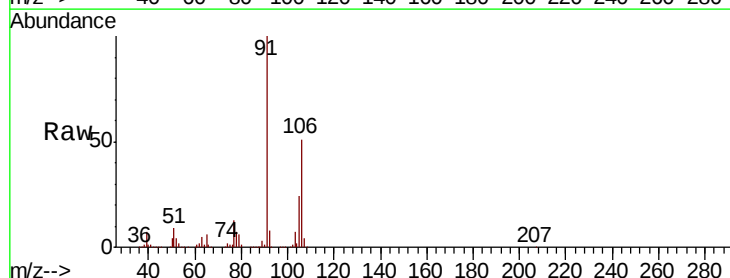
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

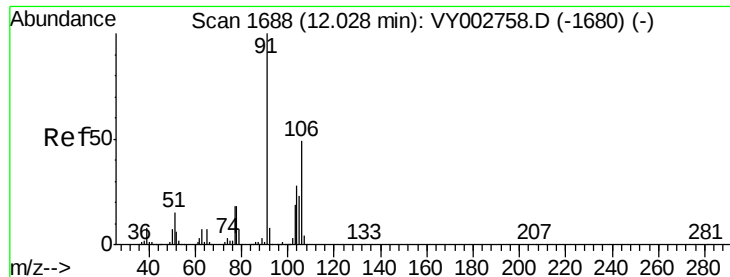
Tot Ion: 91 Resp: 318614
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5



#68
m/p-Xylenes
Concen: 38.959 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion: 106 Resp: 246254
Ion Ratio Lower Upper
106 100
91 194.5 156.0 234.0

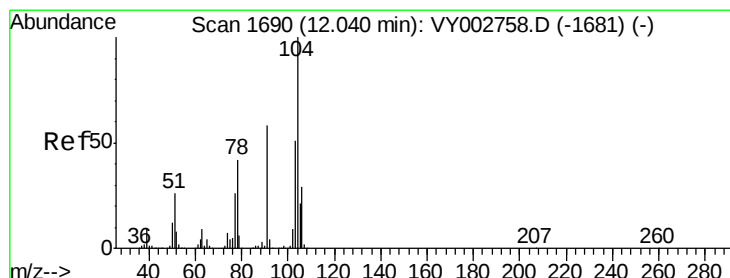
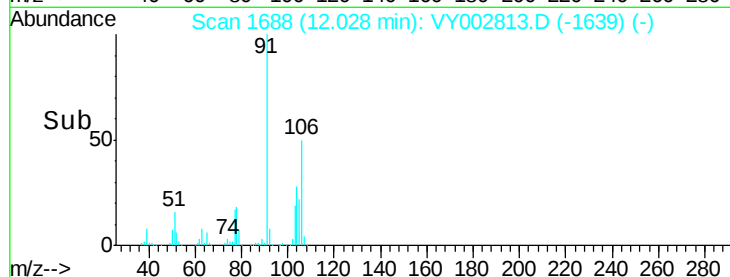
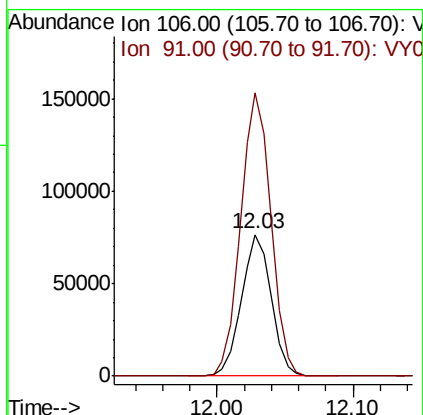
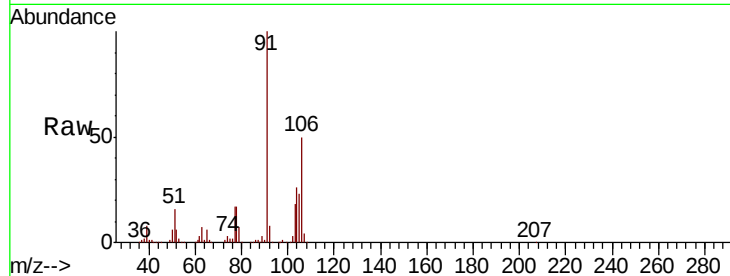




#69
o-Xylene
Concen: 19.565 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

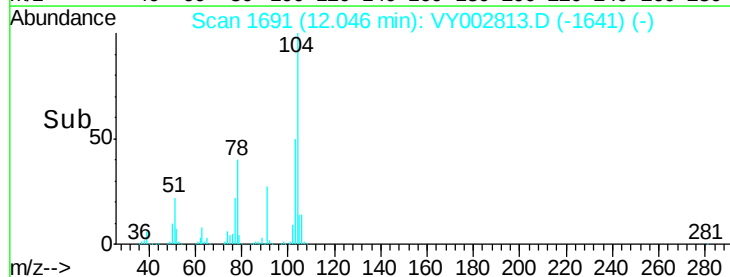
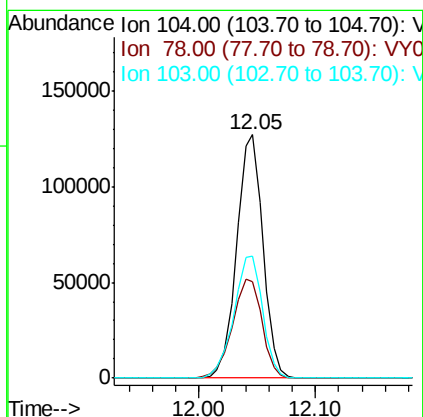
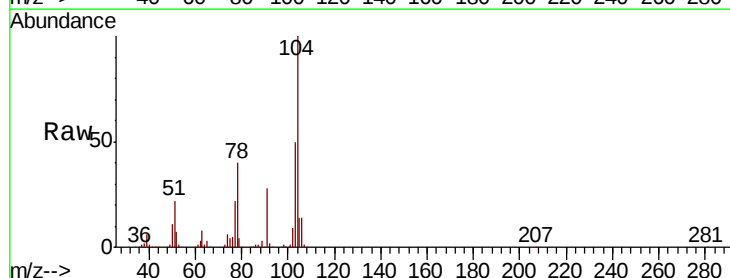
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

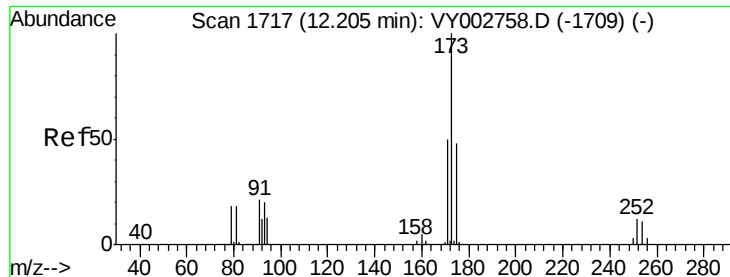
Tot Ion:106 Resp: 116745
Ion Ratio Lower Upper
106 100
91 203.5 102.4 307.1



#70
Styrene
Concen: 19.333 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion:104 Resp: 199985
Ion Ratio Lower Upper
104 100
78 45.8 36.2 54.4
103 54.9 43.6 65.4





#71

Bromoform

Concen: 19.755 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

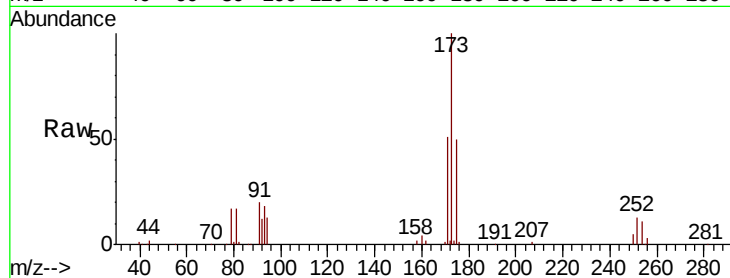
Tot Ion:173 Resp: 46815

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

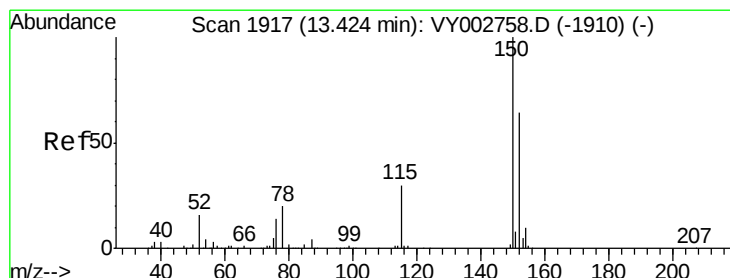
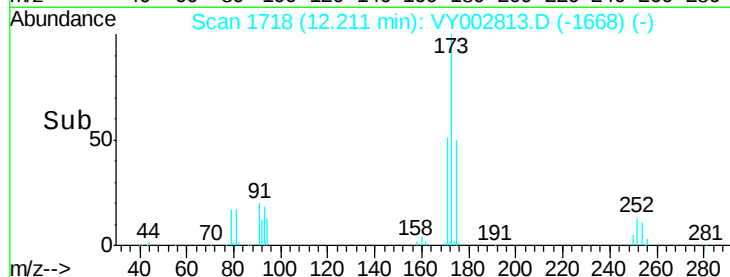
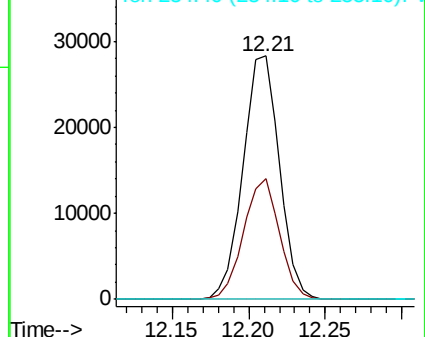
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

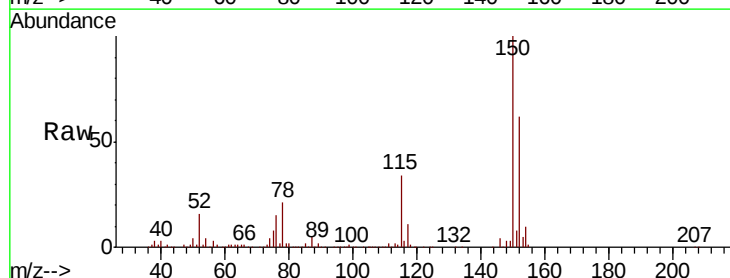
Tgt Ion:152 Resp: 254492

Ion Ratio Lower Upper

152 100

115 53.6 27.0 81.0

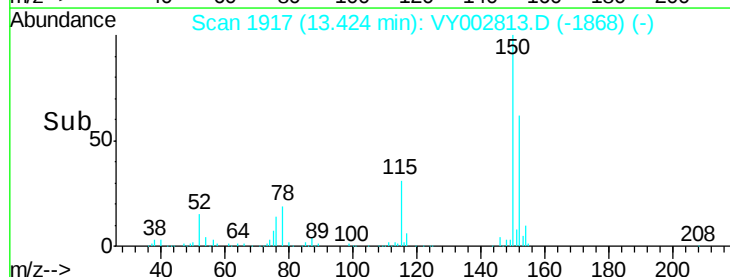
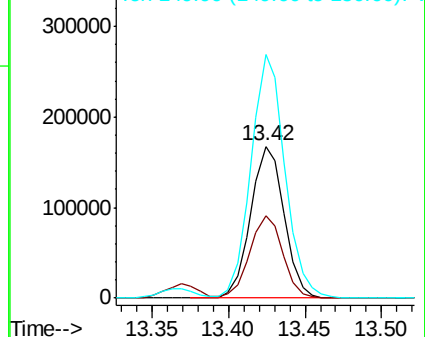
150 163.2 0.0 344.8

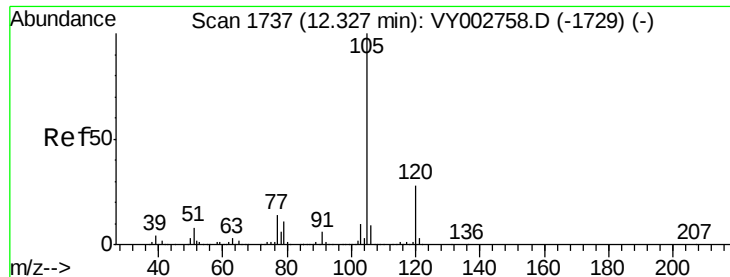


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.543 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

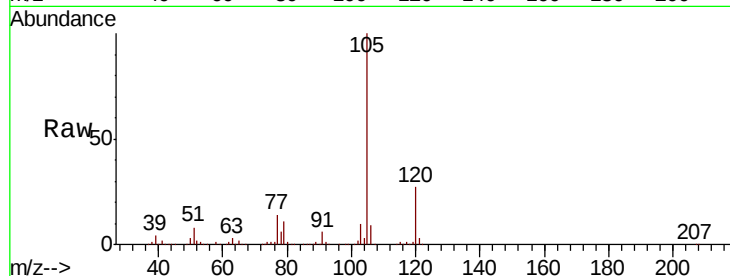
VY0602SBS01

Tot Ion:105 Resp: 318718

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

150000

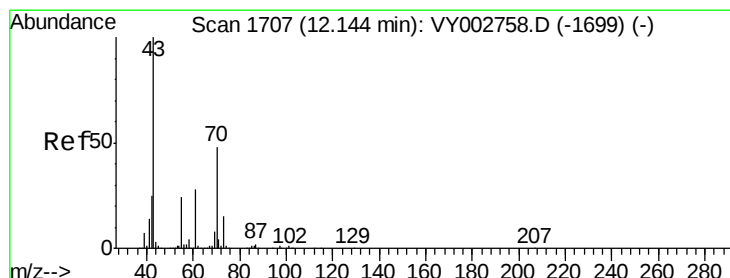
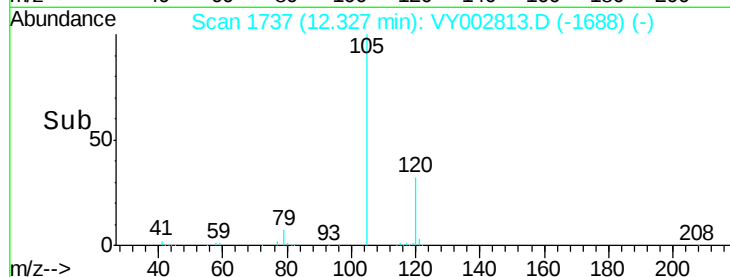
100000

50000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 19.891 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Tgt Ion: 43 Resp: 83237

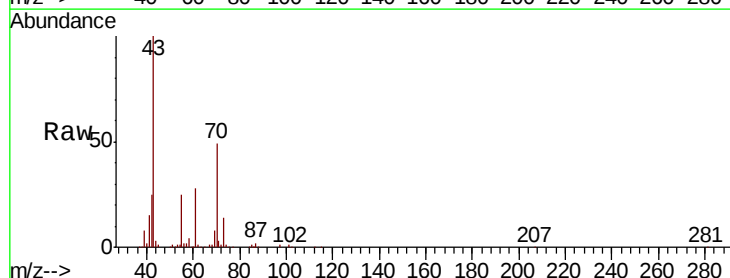
Ion Ratio Lower Upper

43 100

70 48.5 37.7 56.5

55 25.4 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

80000

60000

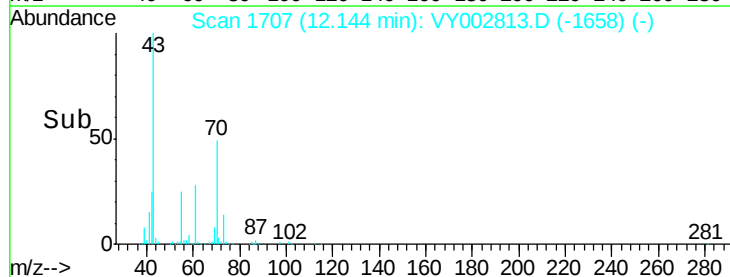
40000

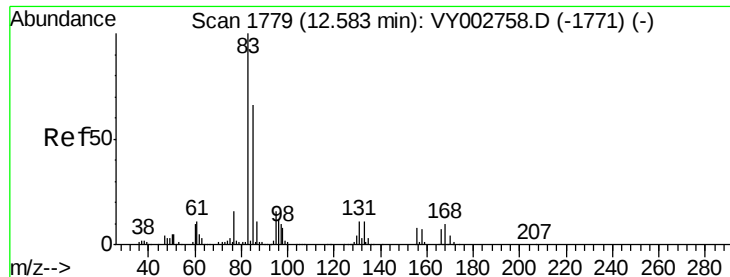
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 20.412 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

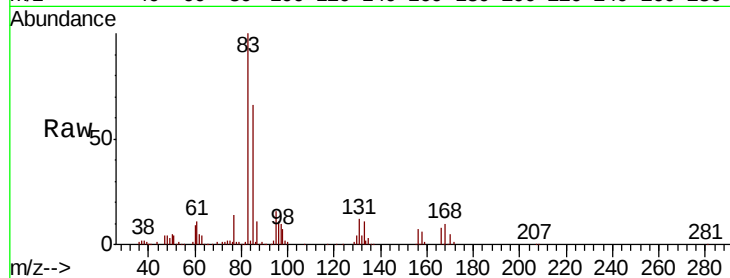
Tot Ion: 83 Resp: 58408

Ion Ratio Lower Upper

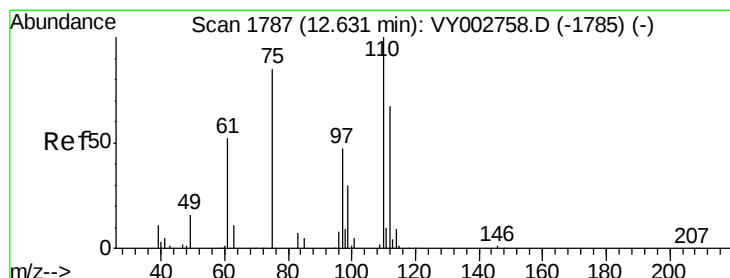
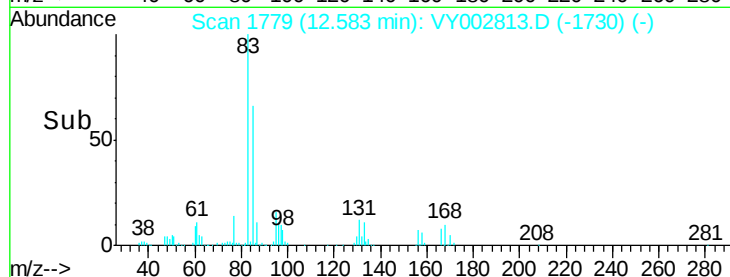
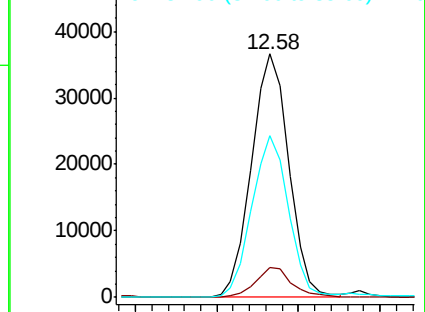
83 100

131 12.0 5.8 17.4

85 65.0 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.341 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002813.D

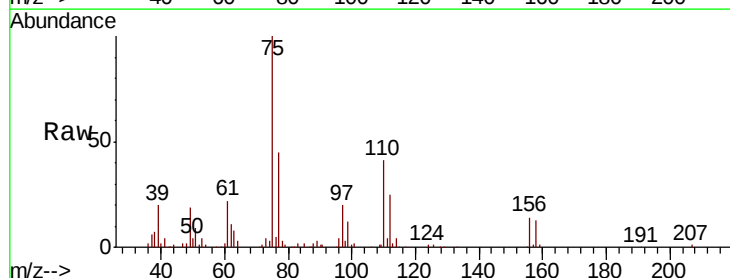
Acq: 02 Jun 2020 11:37

Tgt Ion: 75 Resp: 85629

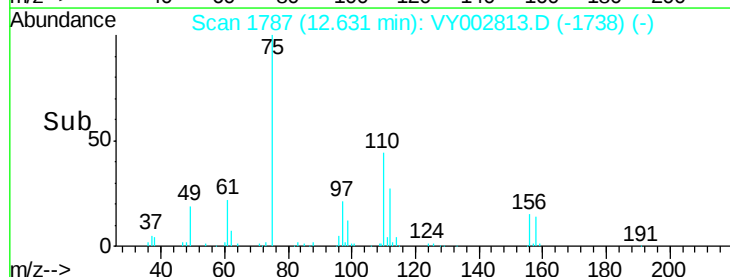
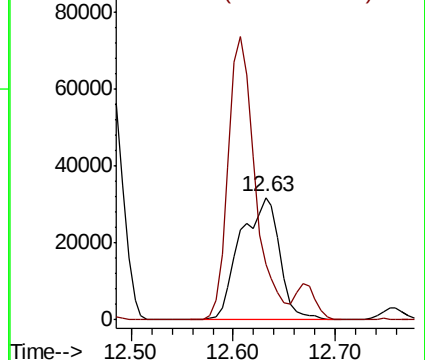
Ion Ratio Lower Upper

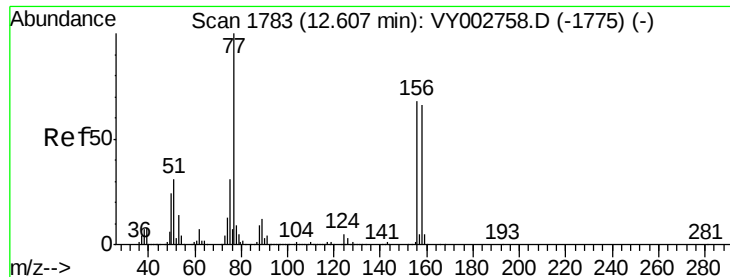
75 100

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: 19.149 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

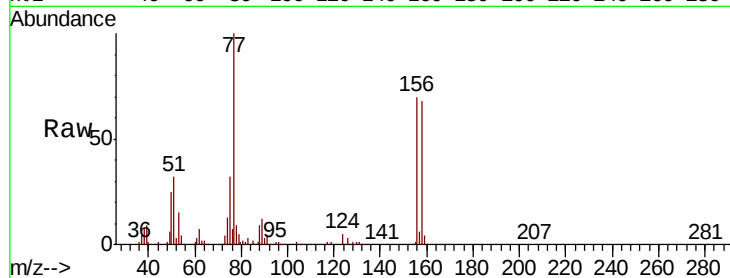
Tot Ion:156 Resp: 81320

Ion Ratio Lower Upper

156 100

77 168.2 81.4 244.2

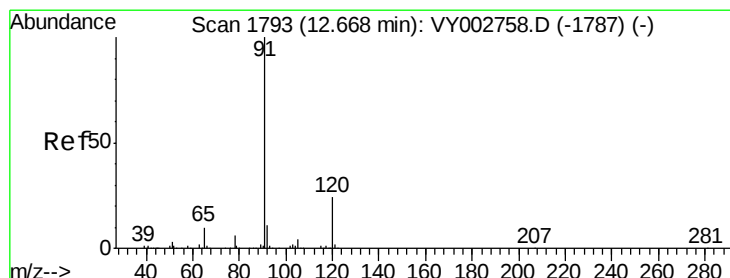
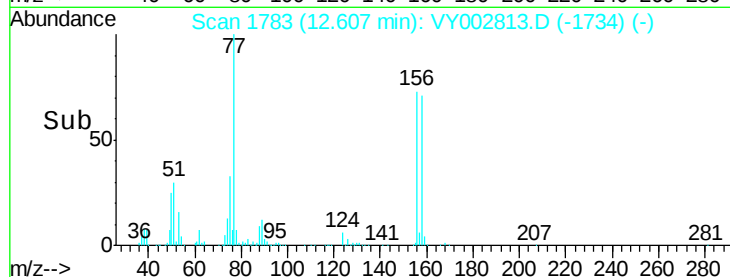
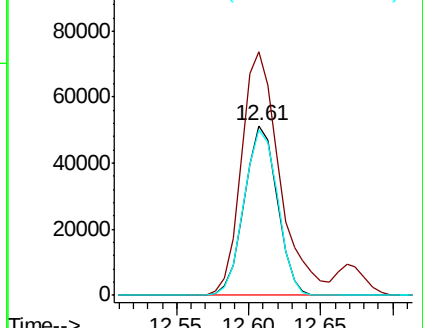
158 99.3 48.5 145.6



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: 19.712 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002813.D

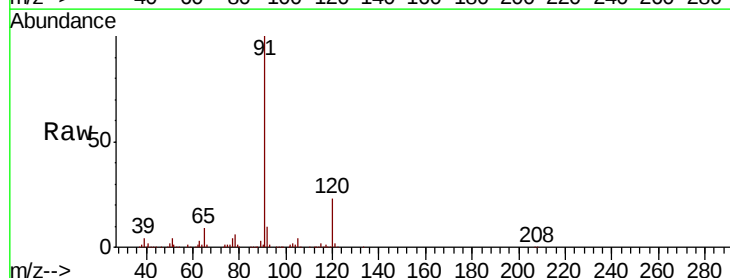
Acq: 02 Jun 2020 11:37

Tgt Ion: 91 Resp: 371339

Ion Ratio Lower Upper

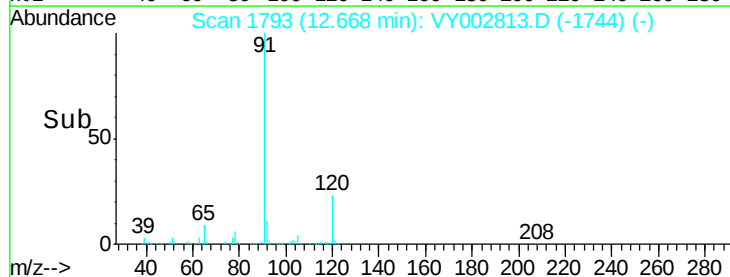
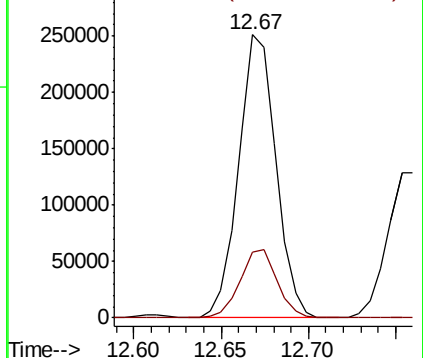
91 100

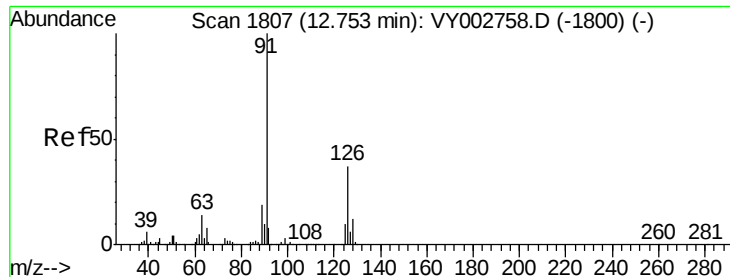
120 24.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.403 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

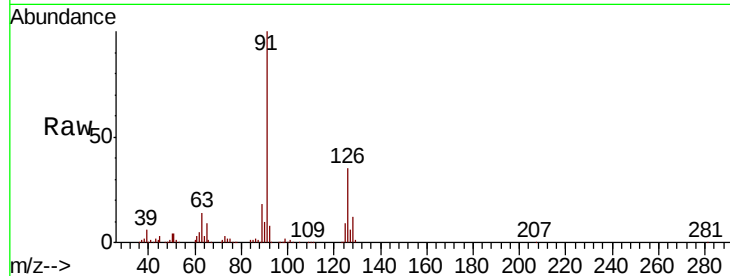
VY0602SBS01

Tot Ion: 91 Resp: 205039

Ion Ratio Lower Upper

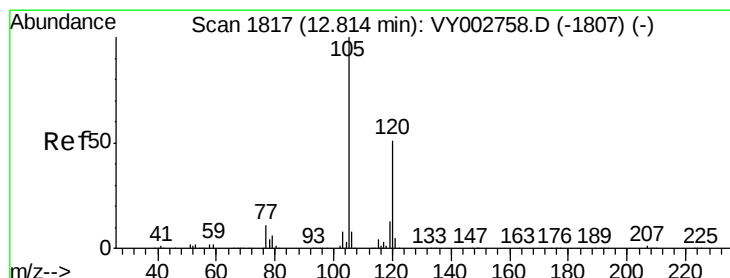
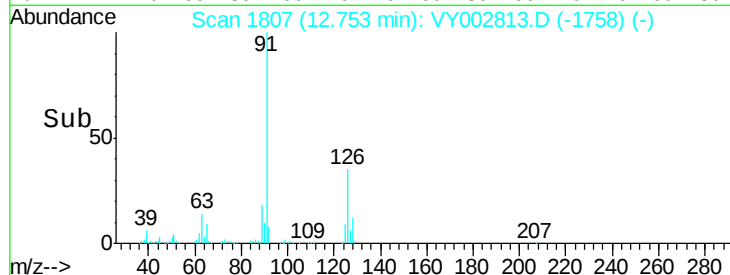
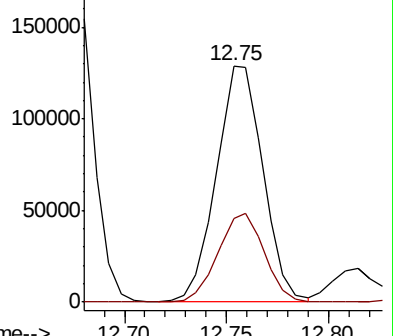
91 100

126 37.4 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.572 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002813.D

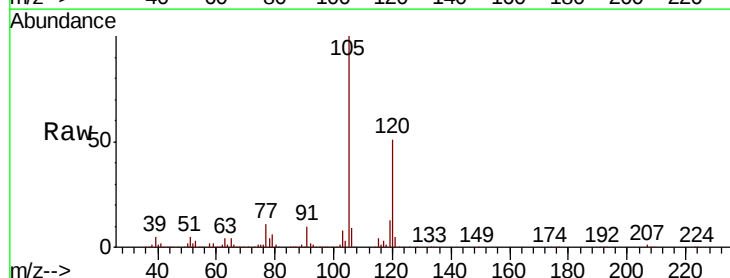
Acq: 02 Jun 2020 11:37

Tgt Ion: 105 Resp: 266512

Ion Ratio Lower Upper

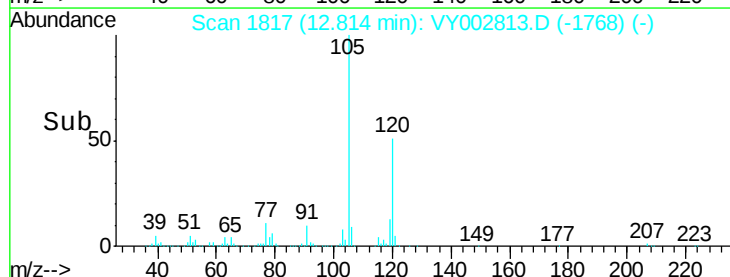
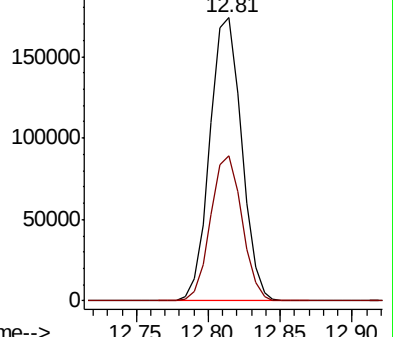
105 100

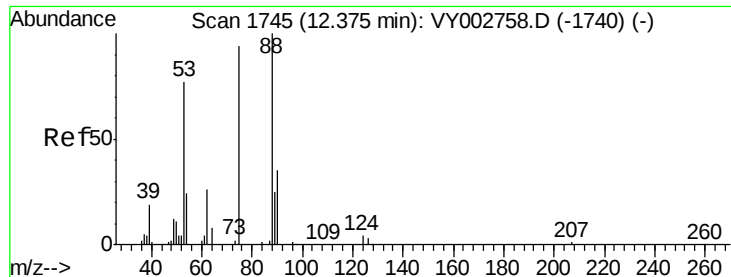
120 50.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.689 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

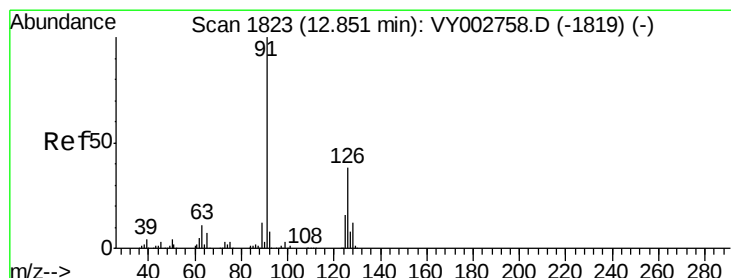
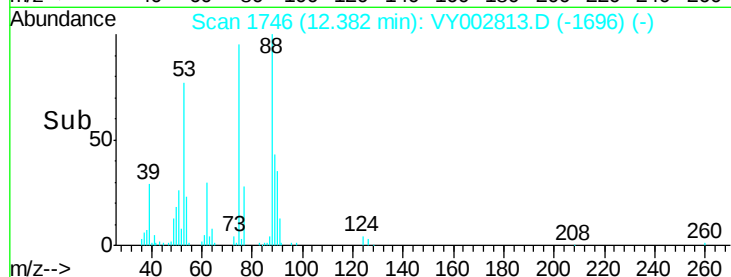
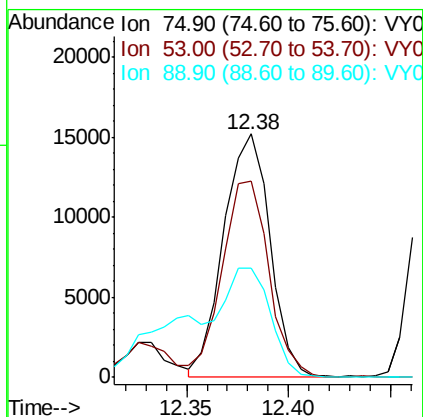
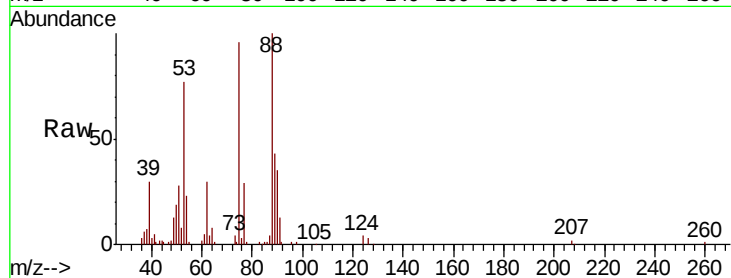
Tot Ion: 75 Resp: 23965

Ion Ratio Lower Upper

75 100

53 81.2 64.0 96.0

89 48.2 37.4 56.2



#82

4-Chlorotoluene

Concen: 19.628 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002813.D

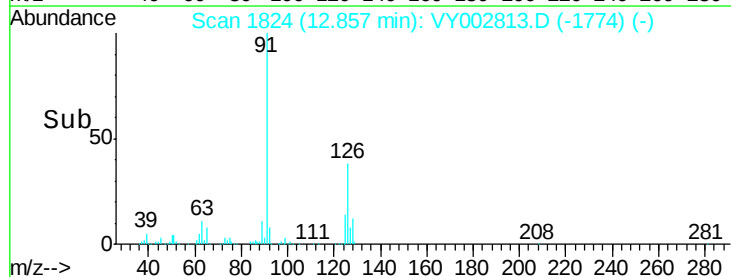
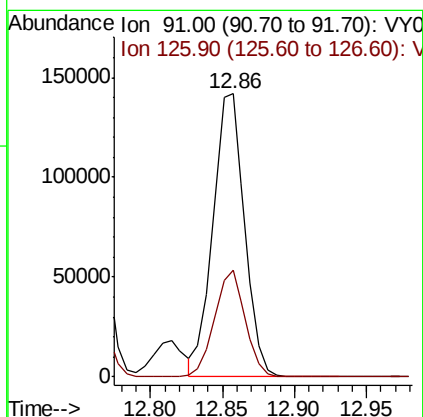
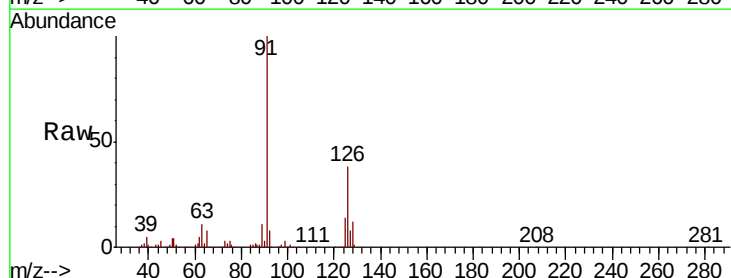
Acq: 02 Jun 2020 11:37

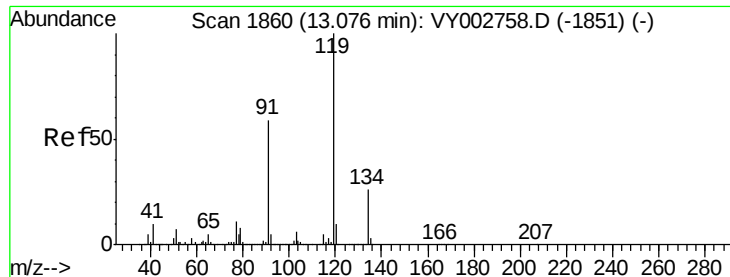
Tgt Ion: 91 Resp: 217313

Ion Ratio Lower Upper

91 100

126 36.8 18.5 55.5

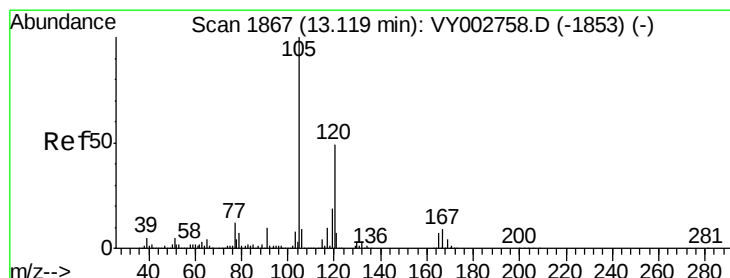
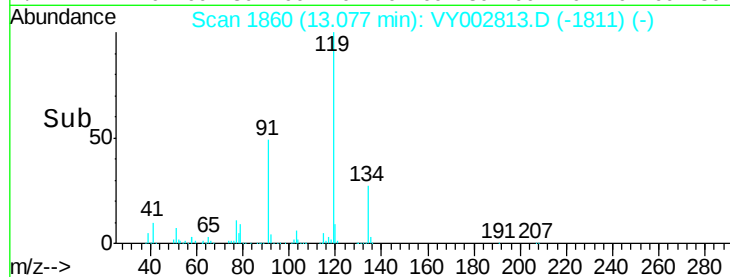
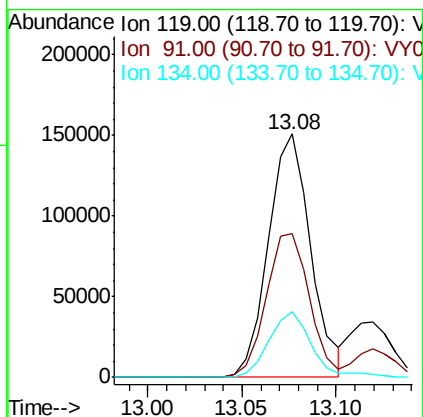
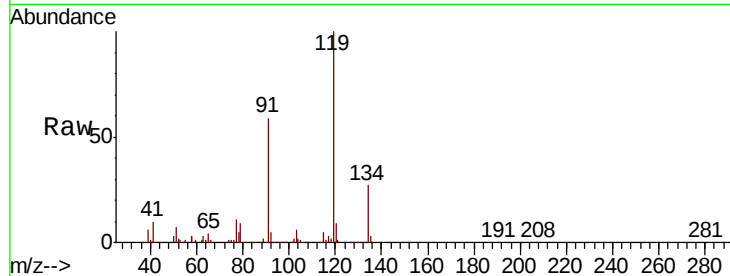




#83
 tert-Butylbenzene
 Concen: 19.389 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

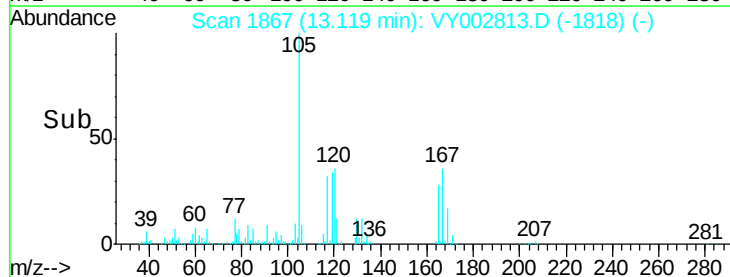
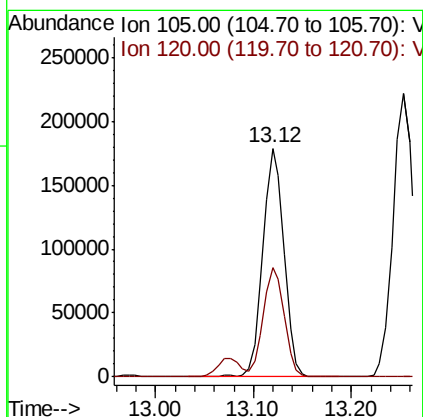
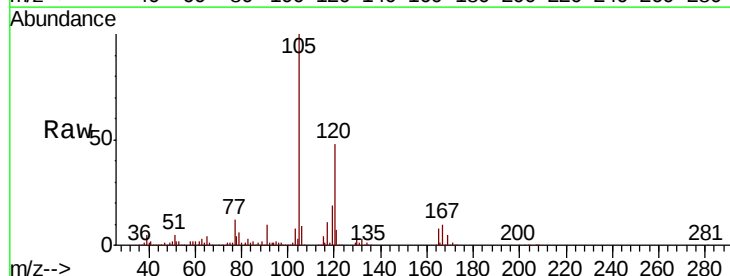
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

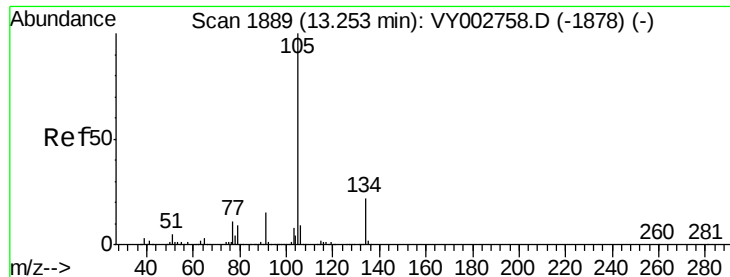
Tot Ion:119 Resp: 23512
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.8 89.4
 134 27.2 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.547 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion:105 Resp: 267647
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.6 70.8





#85

sec-Butylbenzene

Concen: 19.634 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

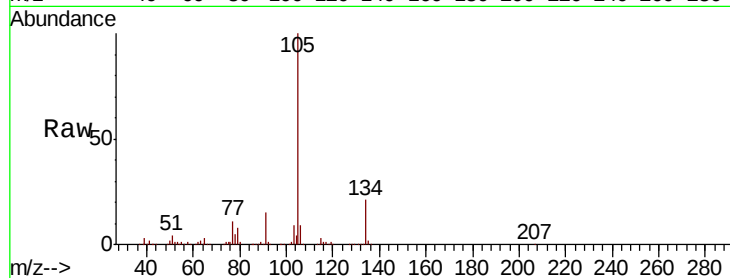
VY0602SBS01

Tot Ion:105 Resp: 326083

Ion Ratio Lower Upper

105 100

134 21.2 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

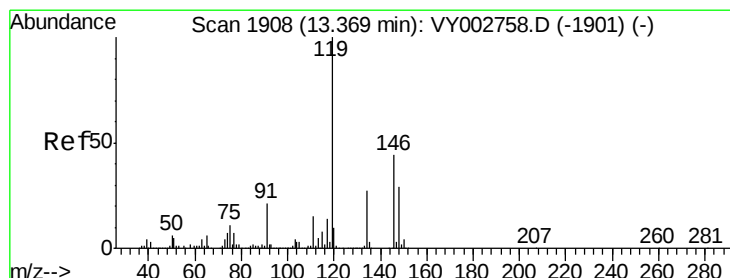
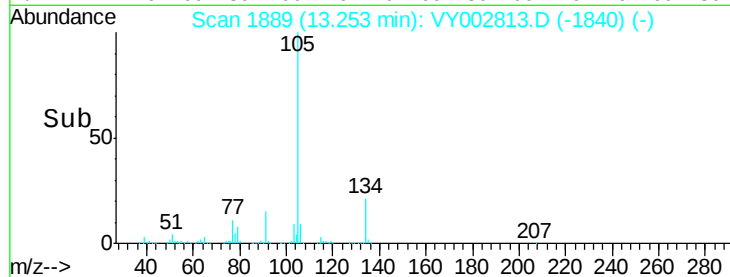
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 19.979 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

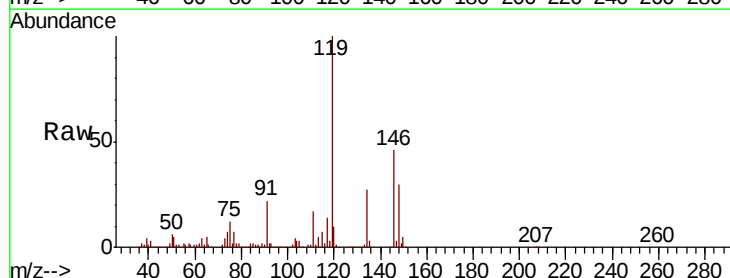
Tgt Ion:119 Resp: 308751

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

91 21.4 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

250000

200000

150000

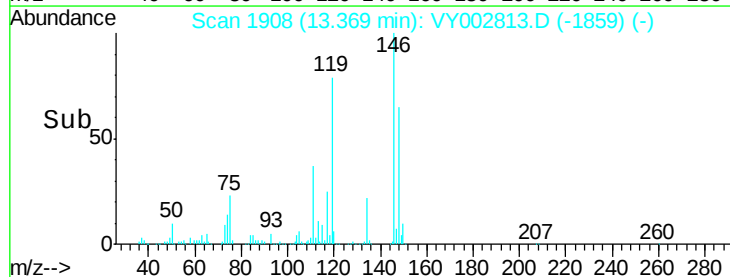
100000

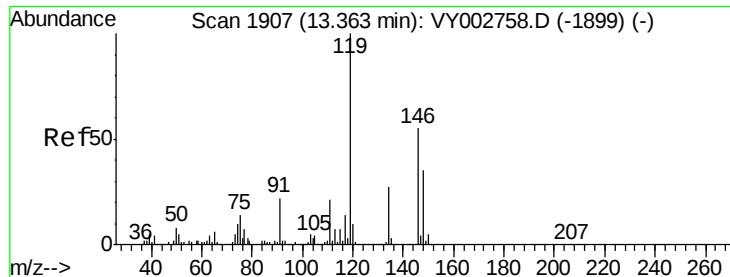
50000

0

13.30 13.35 13.40 13.45

Time-->

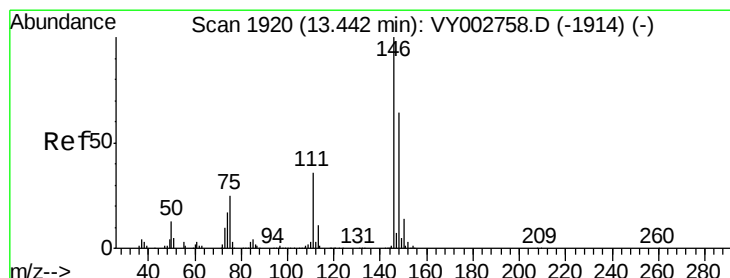
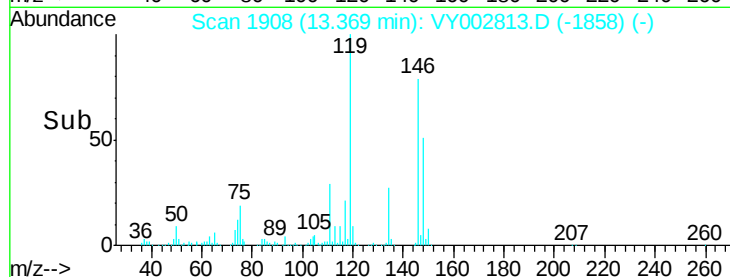
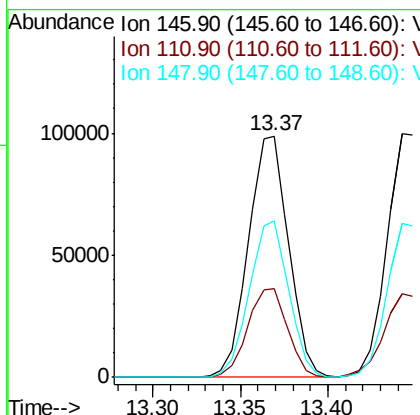
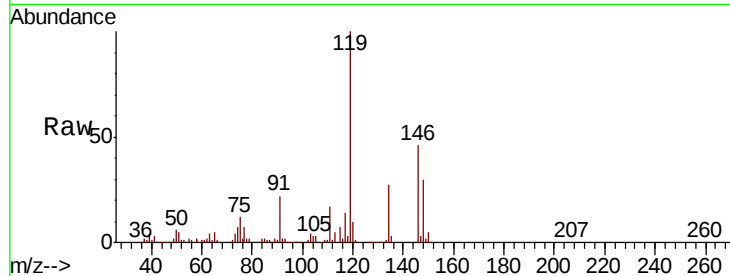




#87
 1,3-Dichlorobenzene
 Concen: 19.559 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

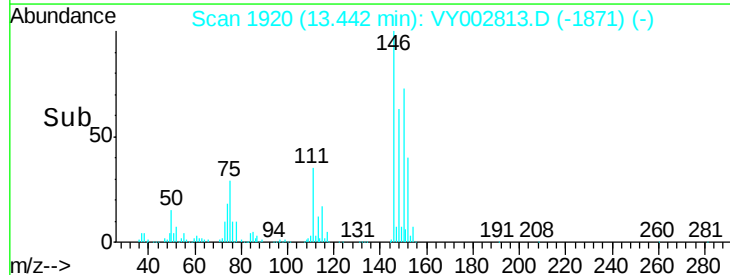
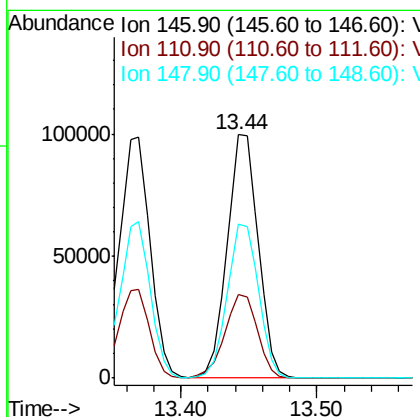
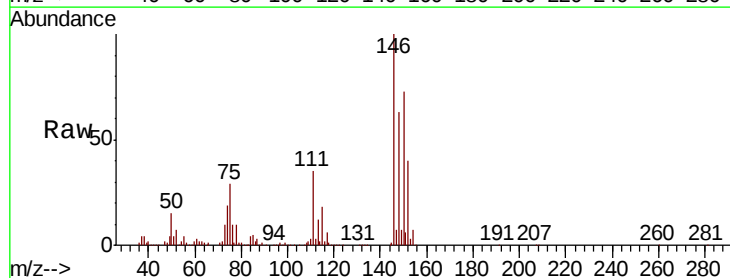
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

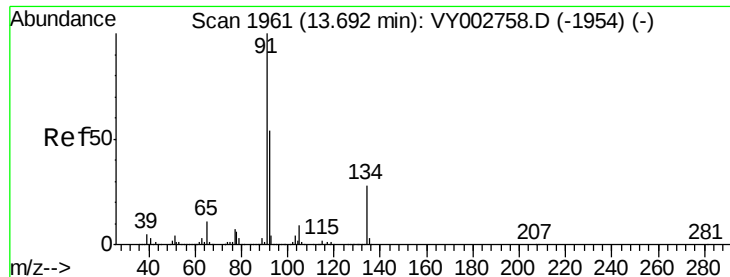
Tot Ion:146 Resp: 157330
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.0
 148 64.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.626 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion:146 Resp: 157927
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.3
 148 64.0 32.1 96.3





#89

n-Butylbenzene

Concen: 19.893 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002813.D

Acq: 02 Jun 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

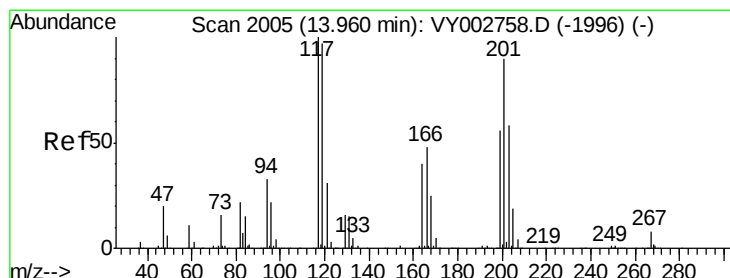
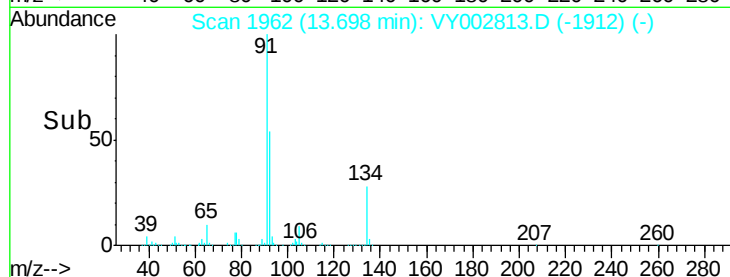
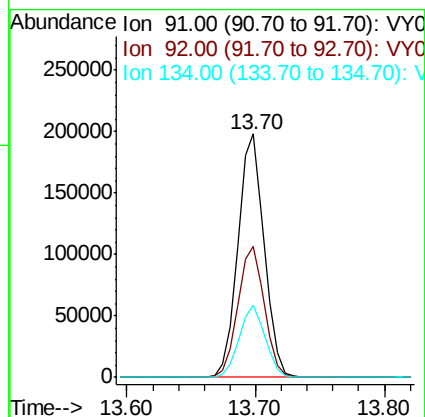
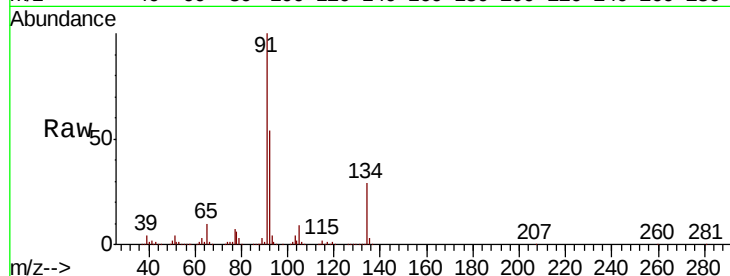
Tot Ion: 91 Resp: 279109

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

134 29.2 14.3 42.9



#90

Hexachloroethane

Concen: 19.836 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002813.D

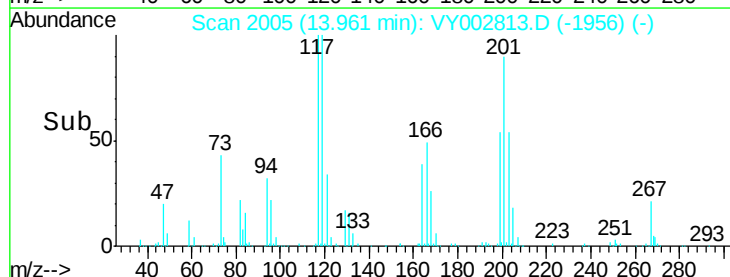
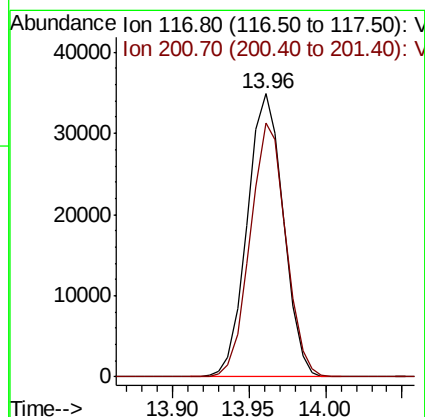
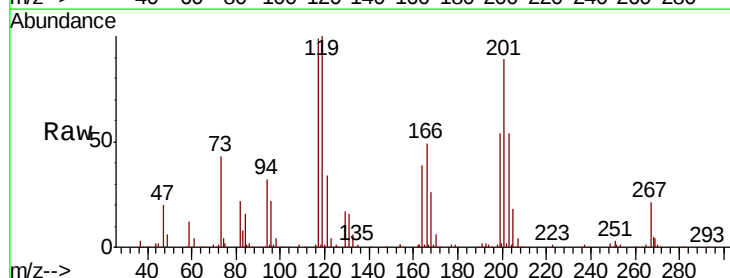
Acq: 02 Jun 2020 11:37

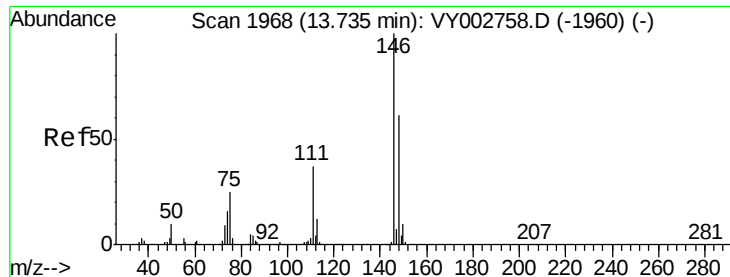
Tgt Ion: 117 Resp: 57388

Ion Ratio Lower Upper

117 100

201 88.2 43.9 131.6

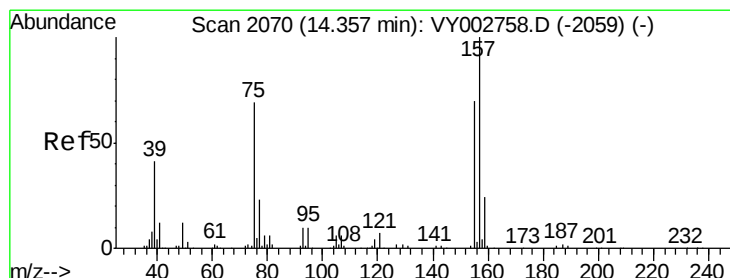
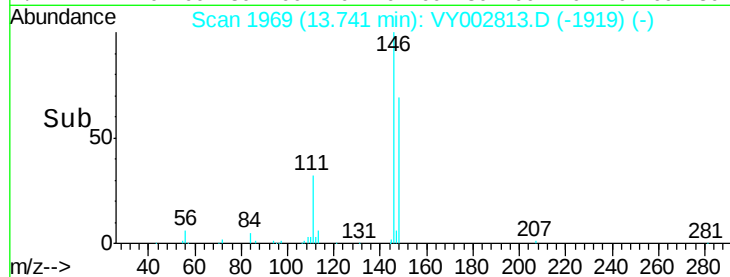
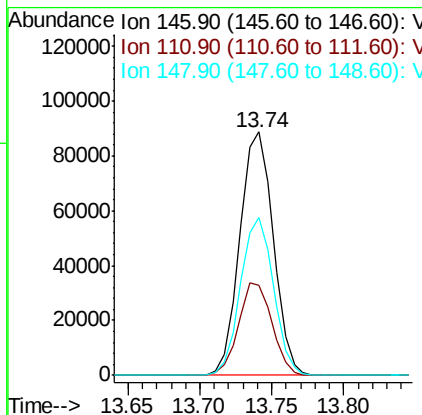
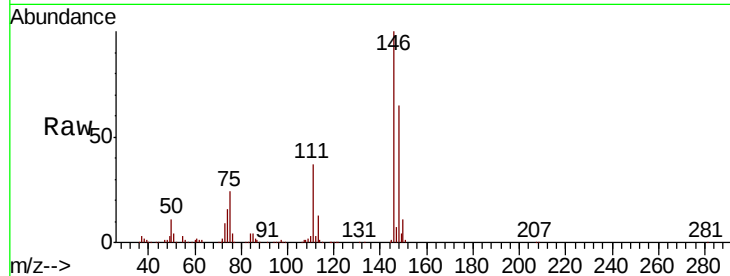




#91
 1,2-Dichlorobenzene
 Concen: 19.609 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

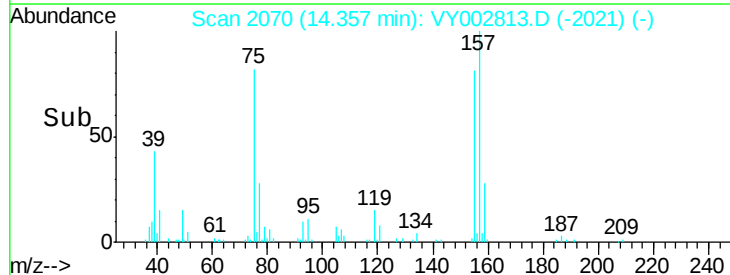
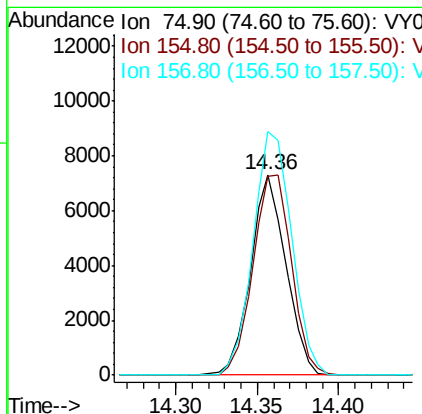
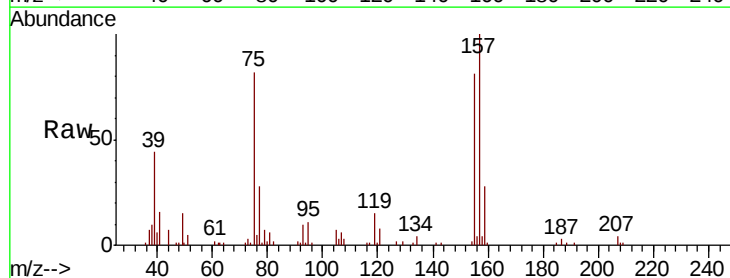
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

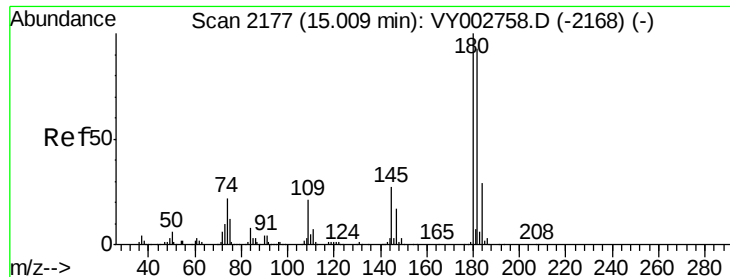
Tot Ion:	146	Resp:	143052
Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.028 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion:	75	Resp:	11026
Ion	Ratio	Lower	Upper
75	100		
155	108.1	53.5	160.5
157	132.1	69.9	209.7

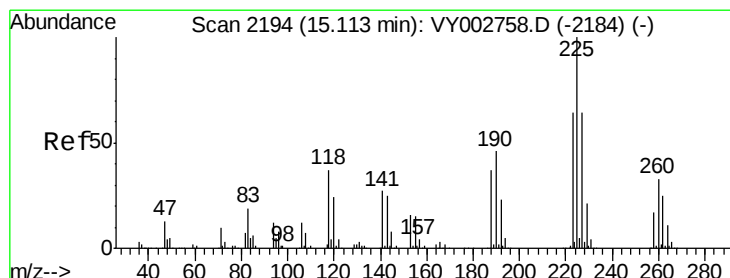
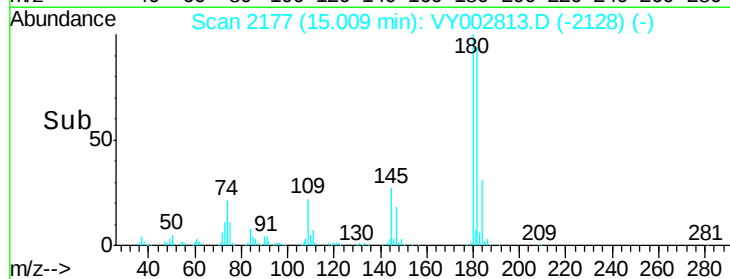
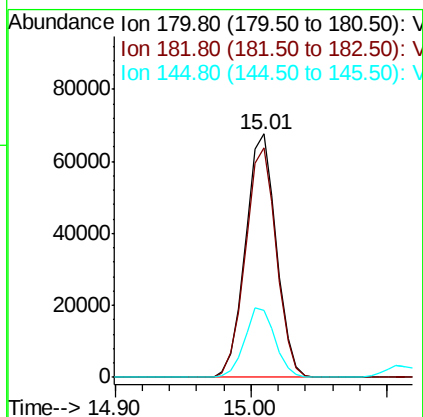
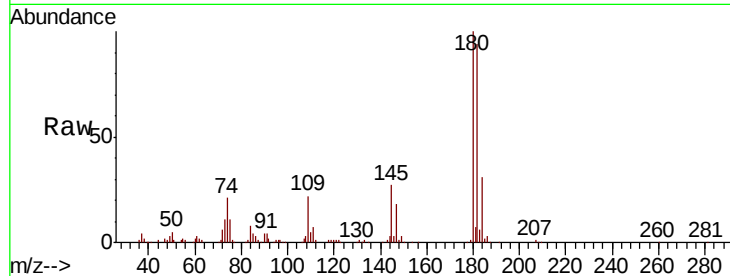




#93
 1,2,4-Trichlorobenzene
 Concen: 19.512 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

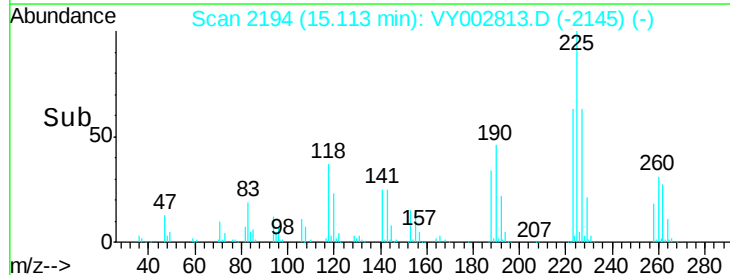
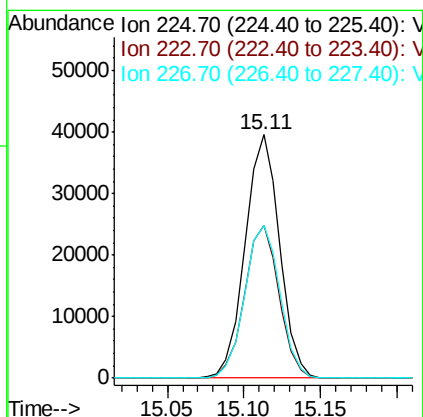
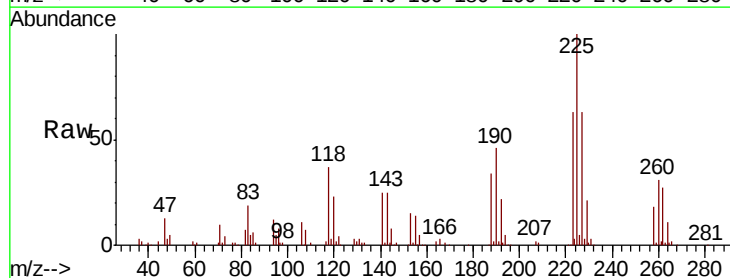
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

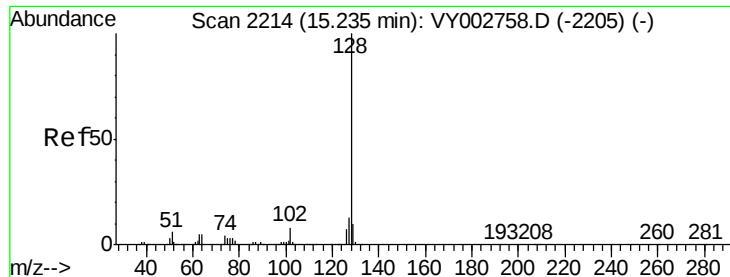
Tot Ion:180 Resp: 107290
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 28.1 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 19.811 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002813.D
 Acq: 02 Jun 2020 11:37

Tgt Ion:225 Resp: 61785
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 64.3 32.3 96.9

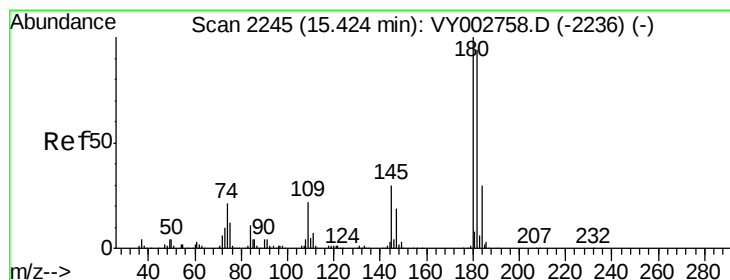
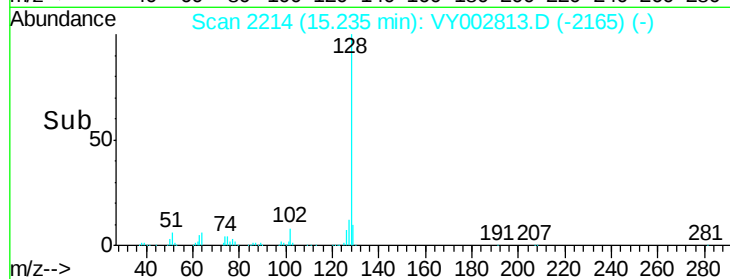
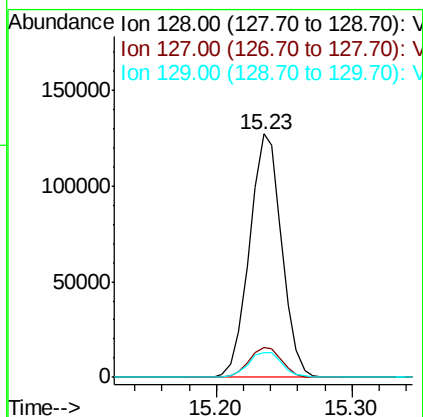
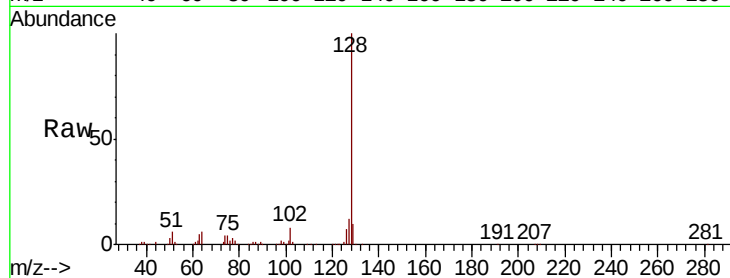




#95
Naphthalene
Concen: 19.131 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tot Ion:128 Resp: 210916
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.204 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002813.D
Acq: 02 Jun 2020 11:37

Tgt Ion:180 Resp: 94296
Ion Ratio Lower Upper
180 100
182 96.9 48.1 144.4
145 29.9 15.1 45.3

