

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\NOT REVIEWED DATA\
 Data File : VY001992.D
 Acq On : 17 Mar 2020 11:21
 Operator : SY/MD
 Sample : VY0317SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Quant Time: Mar 17 18:06:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	265994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123999	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	87591	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.75	113	83805	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.20	98	345026	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.49	95	119833	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.91	85	27527	18.39	ug/l	98
3) Chloromethane	2.13	50	39040	19.34	ug/l	96
4) Vinyl Chloride	2.27	62	39473	19.23	ug/l	99
5) Bromomethane	2.66	94	27415	19.27	ug/l	100
6) Chloroethane	2.82	64	25751	19.97	ug/l	96
7) Trichlorofluoromethane	3.15	101	55091	19.79	ug/l	99
8) Diethyl Ether	3.56	74	22181	20.21	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	36734	20.51	ug/l	100
10) Methyl Iodide	4.12	142	40252	19.44	ug/l	99
11) Tert butyl alcohol	4.99	59	21901	108.81	ug/l	95
12) 1,1-Dichloroethene	3.91	96	36204	20.08	ug/l	98
13) Acrolein	3.76	56	18459	75.88	ug/l	99
14) Allyl chloride	4.52	41	63885	19.99	ug/l	99
15) Acrylonitrile	5.21	53	55969	95.45	ug/l	99
16) Acetone	3.98	43	44686	88.62	ug/l	100
17) Carbon Disulfide	4.23	76	112543	18.57	ug/l	98
18) Methyl Acetate	4.52	43	25124	19.39	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	98205	20.10	ug/l	98
20) Methylene Chloride	4.76	84	43323	20.05	ug/l	94
21) trans-1,2-Dichloroethene	5.26	96	41150	20.11	ug/l	99
22) Diisopropyl ether	6.16	45	134491	20.53	ug/l	93
23) Vinyl Acetate	6.10	43	422984	98.48	ug/l	98
24) 1,1-Dichloroethane	6.06	63	72076	20.31	ug/l	98
25) 2-Butanone	7.02	43	70426	91.84	ug/l	99
26) 2,2-Dichloropropane	7.02	77	58754	20.18	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	44573	20.02	ug/l	98
28) Bromochloromethane	7.37	49	33432	20.90	ug/l	100
29) Tetrahydrofuran	7.38	42	46619	91.55	ug/l	99
30) Chloroform	7.54	83	68722	20.62	ug/l	98
31) Cyclohexane	7.82	56	73689	19.37	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	57647	20.52	ug/l	99
36) 1,1-Dichloropropene	7.95	75	57549	20.50	ug/l	100
37) Ethyl Acetate	7.11	43	31562	19.34	ug/l	100
38) Carbon Tetrachloride	7.93	117	49015	20.44	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	73390	19.71	ug/l	97
40) Benzene	8.19	78	168961	20.30	ug/l	97
41) Methacrylonitrile	7.38	41	42115	57.35	ug/l #	1
42) 1,2-Dichloroethane	8.27	62	43942	20.49	ug/l	99
43) Isopropyl Acetate	8.30	43	59742	19.34	ug/l	98
44) Trichloroethene	8.96	130	40844	20.15	ug/l	100
45) 1,2-Dichloropropane	9.24	63	42995	20.55	ug/l	99
46) Dibromomethane	9.33	93	21639	20.07	ug/l	100
47) Bromodichloromethane	9.52	83	52782	21.05	ug/l	99
48) Methyl methacrylate	9.32	41	26616	19.42	ug/l	99
49) 1,4-Dioxane	9.33	88	5415	366.59	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	158086	99.35	ug/l	100
52) Toluene	10.26	92	104072	20.59	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	56290	20.60	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	67657	20.80	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	31568	20.01	ug/l	96
56) Ethyl methacrylate	10.52	69	44642	19.31	ug/l	97
57) 1,3-Dichloropropane	10.81	76	57218	20.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	120787	134.58	ug/l	99
59) 2-Hexanone	10.85	43	105227	92.65	ug/l	100
60) Dibromochloromethane	11.00	129	33749	20.30	ug/l	98
61) 1,2-Dibromoethane	11.10	107	30079	20.13	ug/l	98
64) Tetrachloroethene	10.74	164	34026	20.40	ug/l	94
65) Chlorobenzene	11.53	112	108517	20.47	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	35756	20.57	ug/l	98
67) Ethyl Benzene	11.61	91	199074	20.14	ug/l	98
68) m/p-Xylenes	11.72	106	149652	40.95	ug/l	99
69) o-Xylene	12.04	106	70481	20.46	ug/l	99
70) Styrene	12.06	104	121545	20.60	ug/l	100
71) Bromoform	12.22	173	18197	19.31	ug/l #	100
73) Isopropylbenzene	12.34	105	187867	19.85	ug/l	99
74) N-amyl acetate	12.16	43	54022	18.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	38393	18.81	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	50774	34.51	ug/l #	100
77) Bromobenzene	12.62	156	40563	20.23	ug/l	97
78) n-propylbenzene	12.68	91	234706	20.10	ug/l	99
79) 2-Chlorotoluene	12.77	91	130664	20.25	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	159438	20.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13256	18.20	ug/l	94
82) 4-Chlorotoluene	12.86	91	138719	20.65	ug/l	99
83) tert-Butylbenzene	13.08	119	135809	20.98	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	159439	20.62	ug/l	100
85) sec-Butylbenzene	13.27	105	194691	20.41	ug/l	100
86) p-Isopropyltoluene	13.38	119	171782	20.87	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81096	20.64	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	81080	20.34	ug/l	98
89) n-Butylbenzene	13.70	91	175511	20.56	ug/l	99
90) Hexachloroethane	13.97	117	31290	20.15	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	74252	20.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6063	19.03	ug/l	92

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Sample : VY0317SBSD01
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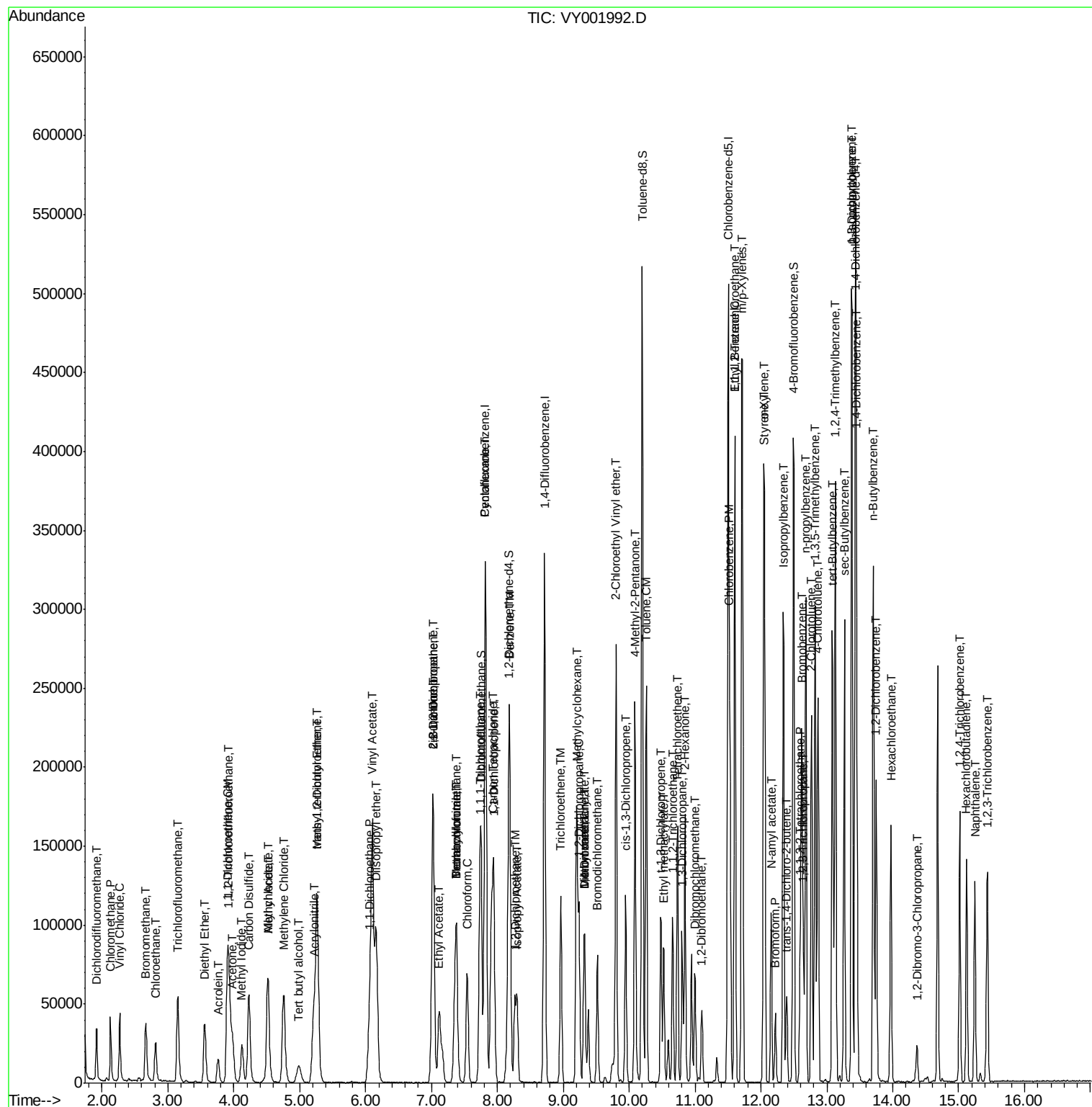
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48633	21.00	ug/l	99
94) Hexachlorobutadiene	15.12	225	24137	21.38	ug/l	98
95) Naphthalene	15.25	128	104103	18.96	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	41605	20.40	ug/l	99

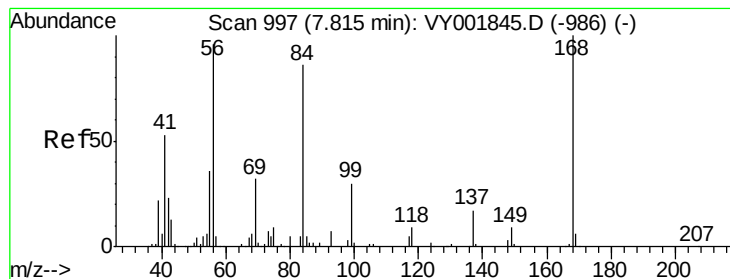
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SY/MD
Sample : VY0317SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
Client Sample Id :
VY0317SBSD01

Quant Time: Mar 17 18:06:50 2020
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

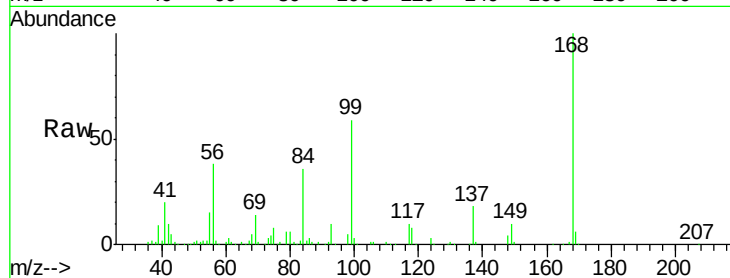
VY0317SBS01

Tgt Ion:168 Resp: 162166

Ion Ratio Lower Upper

168 100

99 59.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

80000

60000

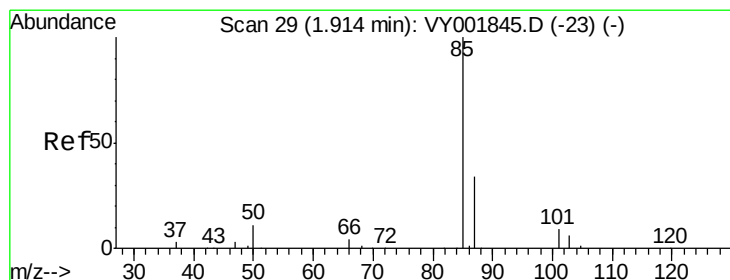
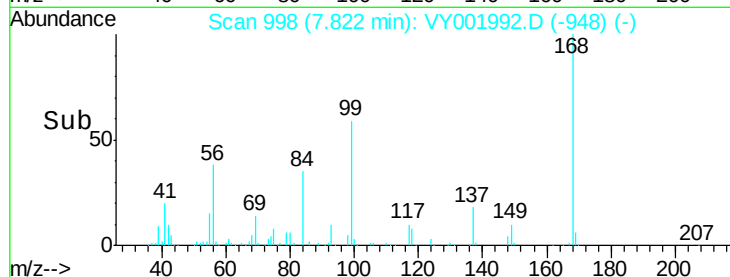
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.39 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001992.D

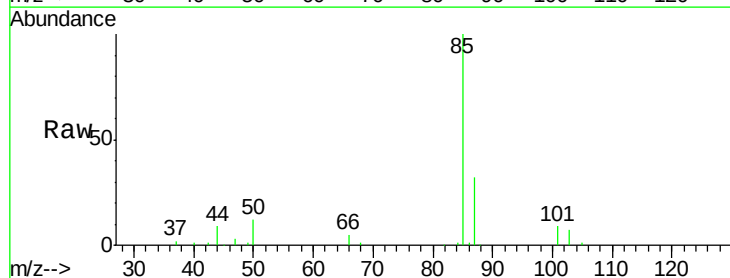
Acq: 17 Mar 2020 11:21

Tgt Ion: 85 Resp: 27527

Ion Ratio Lower Upper

85 100

87 32.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

20000

15000

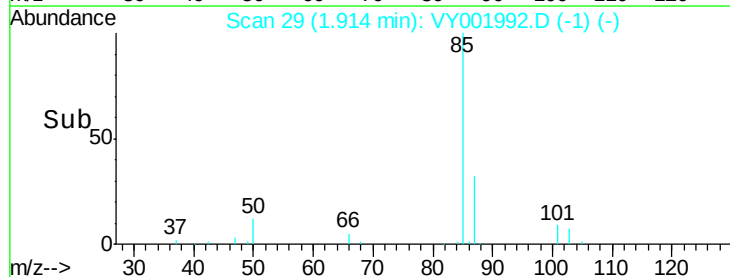
10000

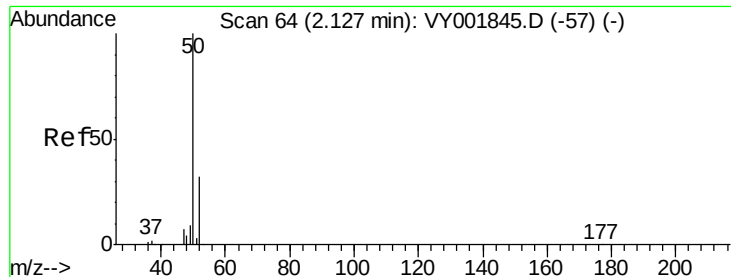
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.34 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

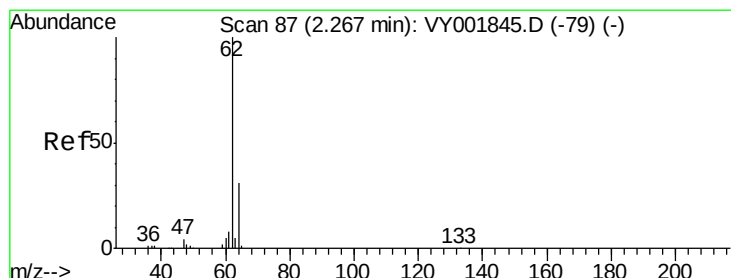
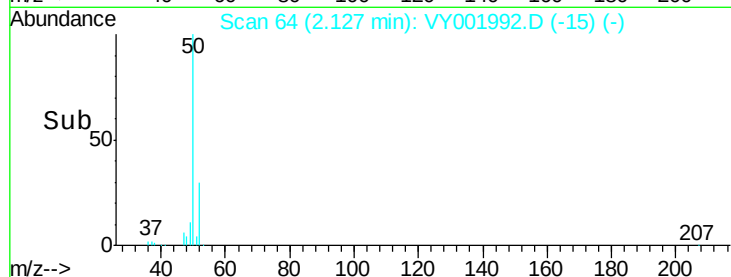
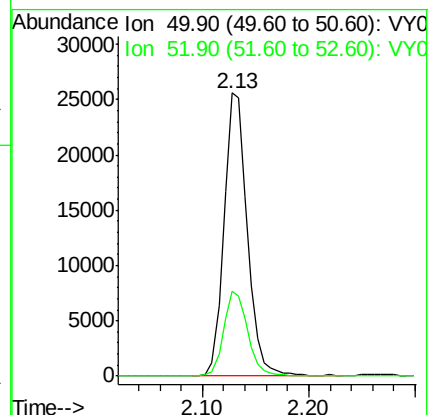
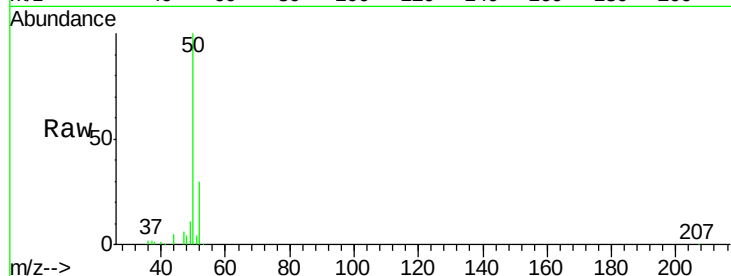
VY0317SBS01

Tgt Ion: 50 Resp: 39040

Ion Ratio Lower Upper

50 100

52 30.0 25.8 38.6



#4

Vinyl Chloride

Concen: 19.23 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001992.D

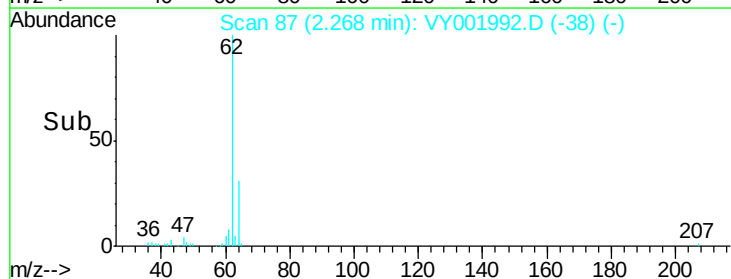
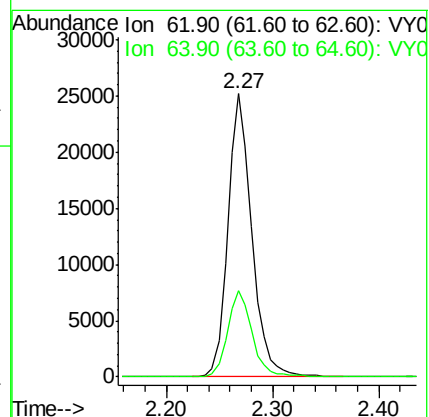
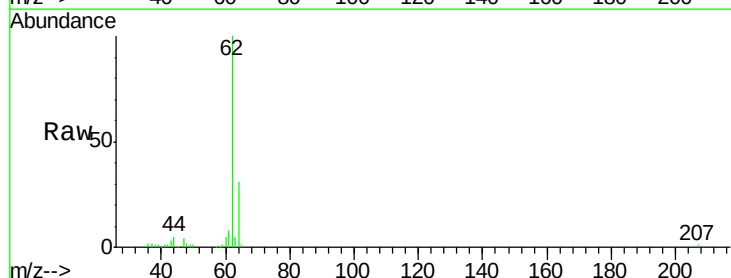
Acq: 17 Mar 2020 11:21

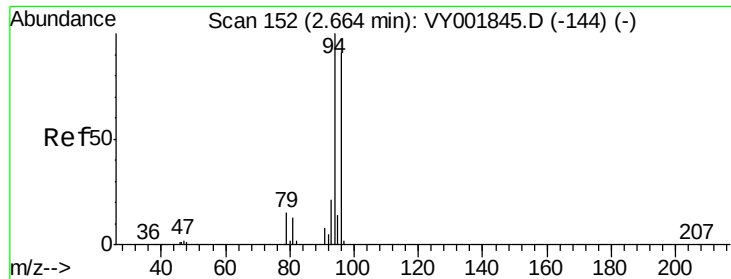
Tgt Ion: 62 Resp: 39473

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7





#5

Bromomethane

Concen: 19.27 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

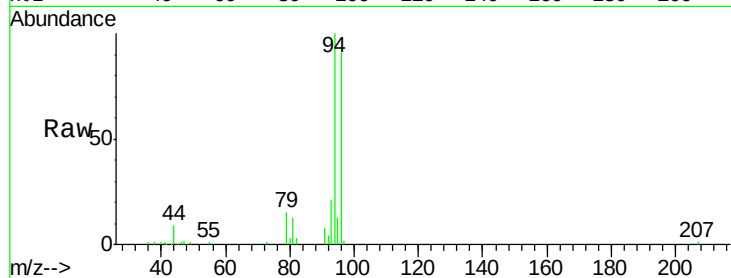
VY0317SBSD01

Tgt Ion: 94 Resp: 27415

Ion Ratio Lower Upper

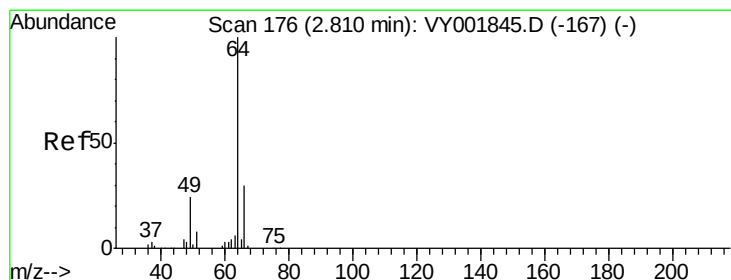
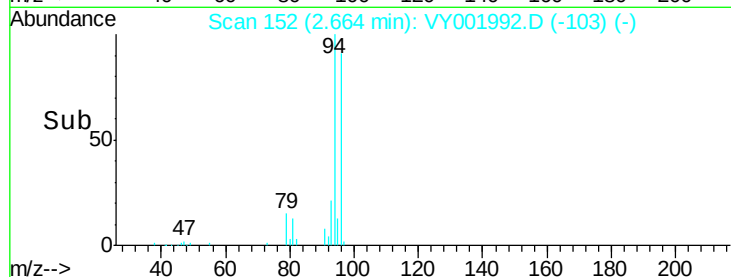
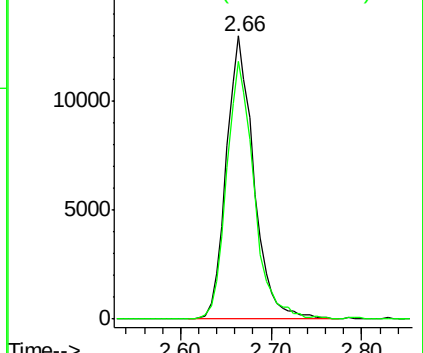
94 100

96 91.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.97 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001992.D

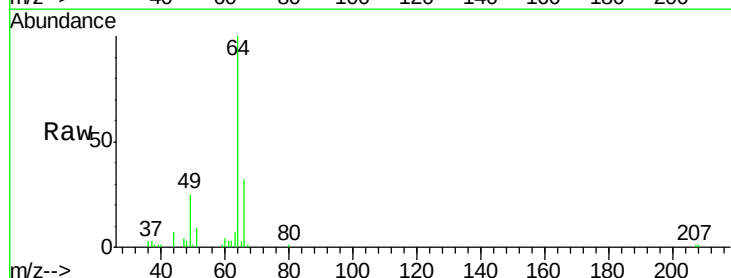
Acq: 17 Mar 2020 11:21

Tgt Ion: 64 Resp: 25751

Ion Ratio Lower Upper

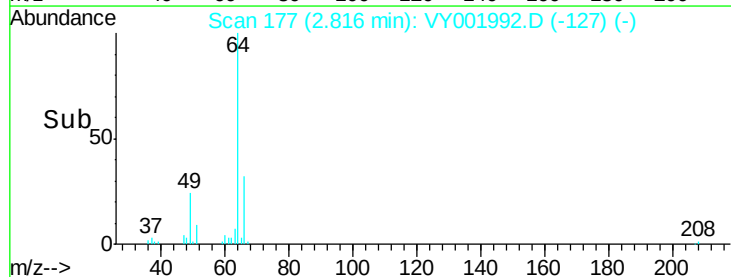
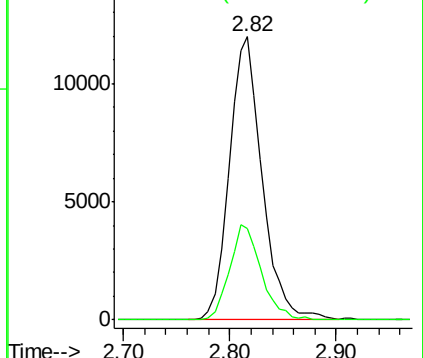
64 100

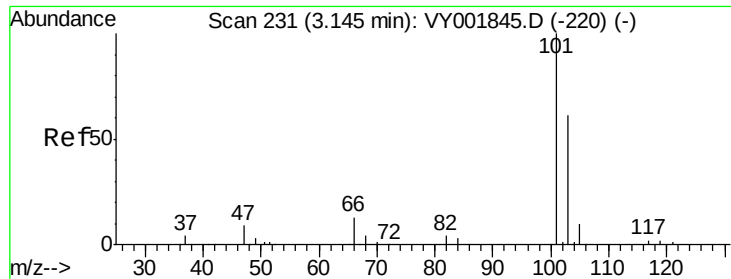
66 32.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



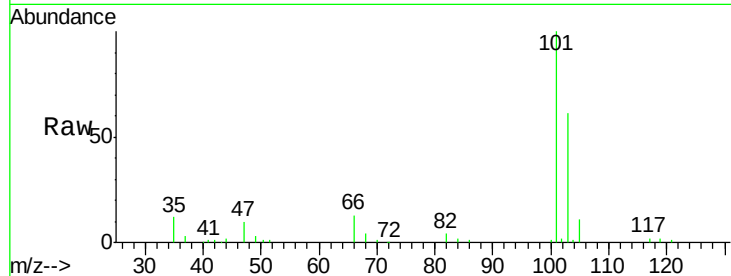


#7

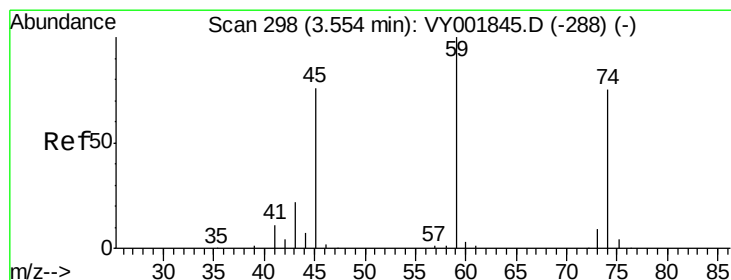
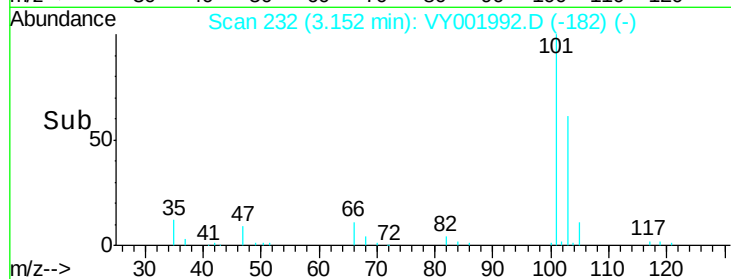
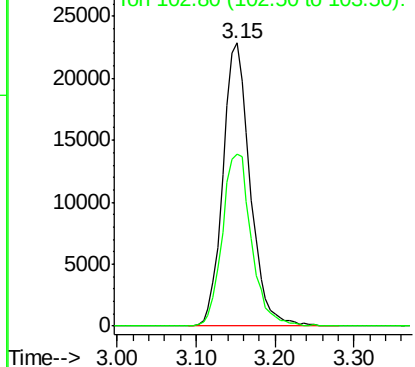
Trichlorofluoromethane
 Concen: 19.79 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tgt Ion: 101 Resp: 55091
 Ion Ratio Lower Upper
 101 100
 103 60.9 49.1 73.7



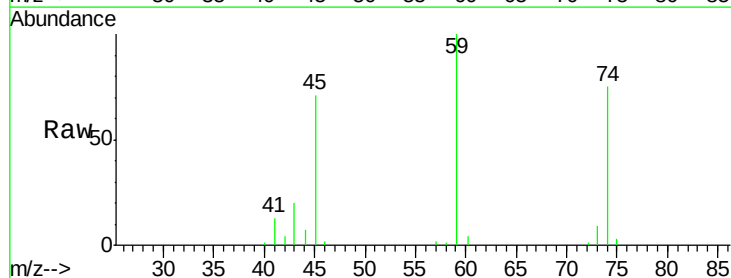
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



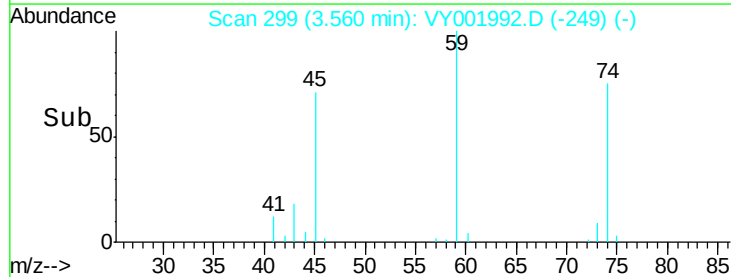
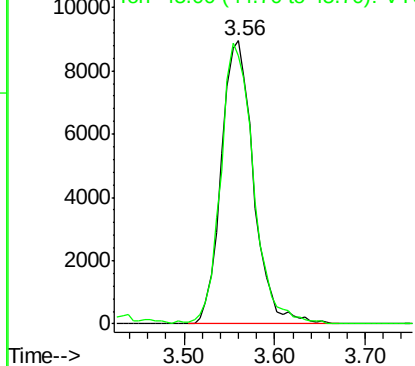
#8

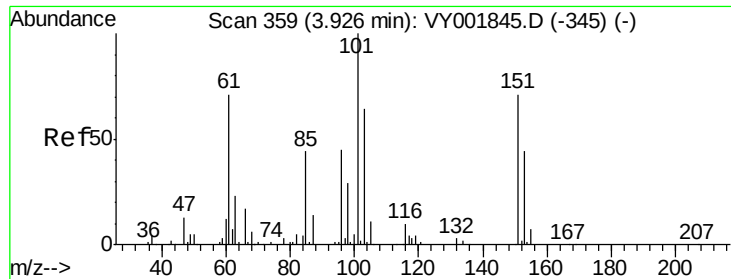
Diethyl Ether
 Concen: 20.21 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion: 74 Resp: 22181
 Ion Ratio Lower Upper
 74 100
 45 101.1 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.51 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

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VY0317SBS01

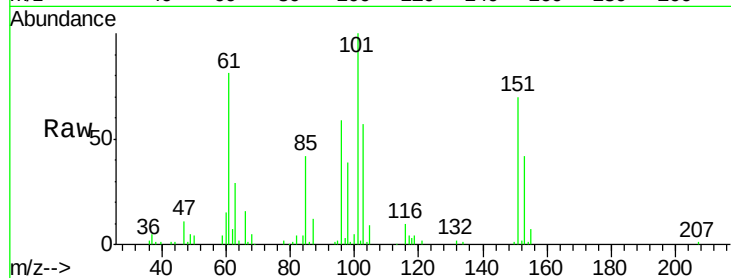
Tgt Ion:101 Resp: 36734

Ion Ratio Lower Upper

101 100

85 44.4 35.3 52.9

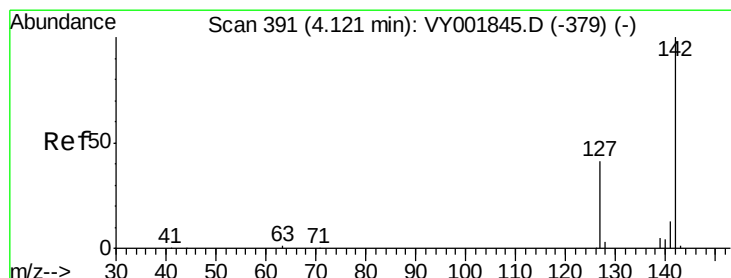
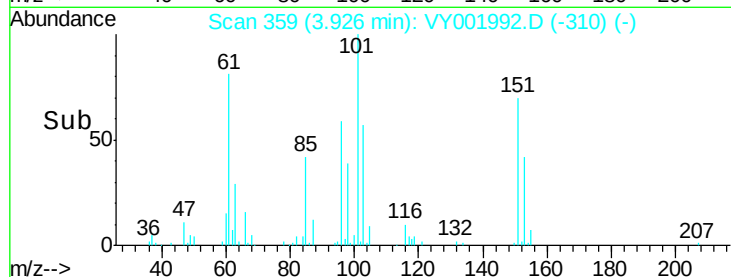
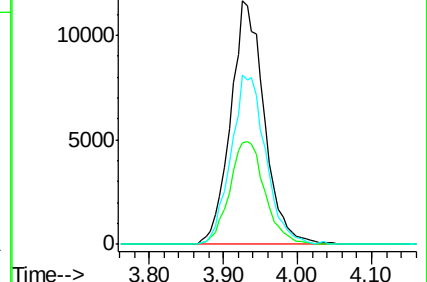
151 71.6 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.44 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

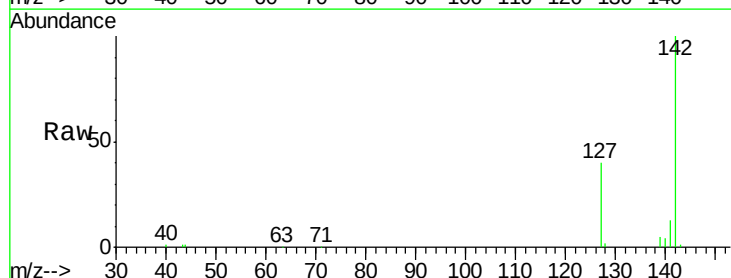
Tgt Ion:142 Resp: 40252

Ion Ratio Lower Upper

142 100

127 40.0 32.7 49.1

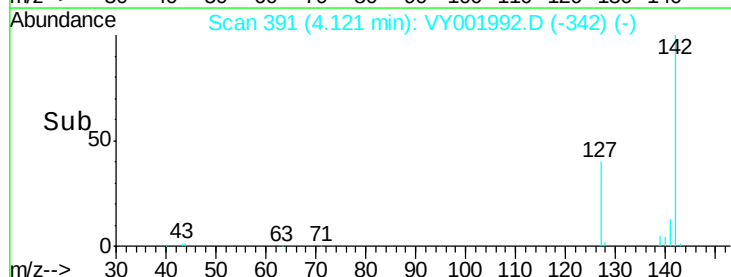
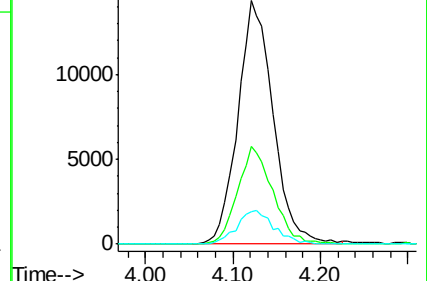
141 14.4 11.0 16.6

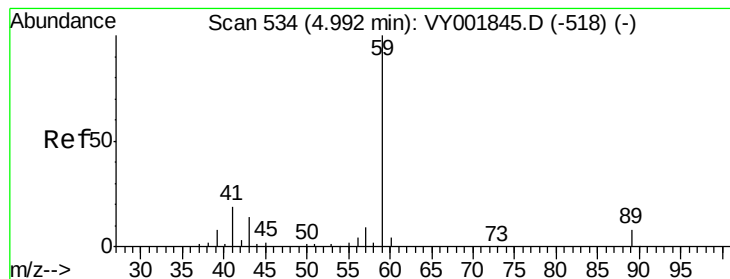


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



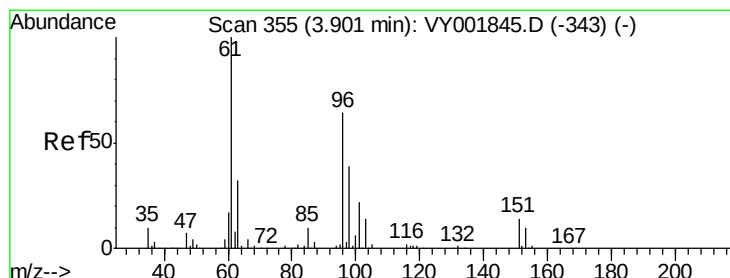
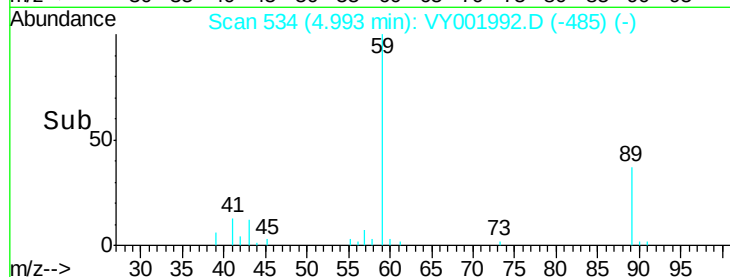
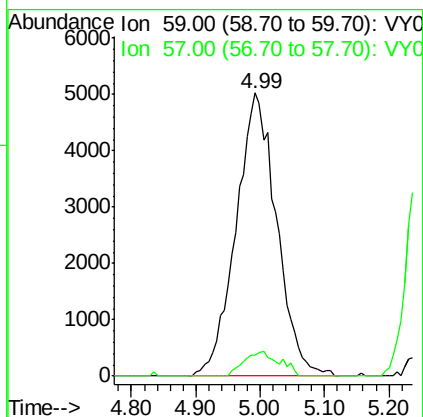
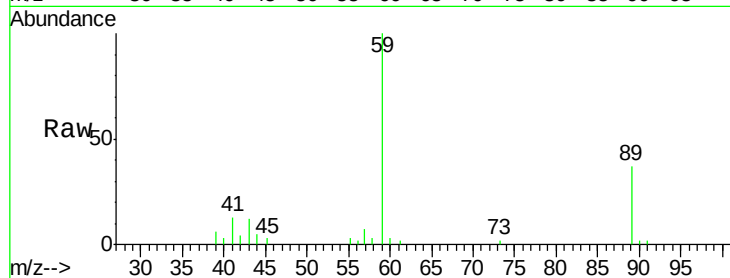


#11

Tert butyl alcohol
Concen: 108.81 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBSD01

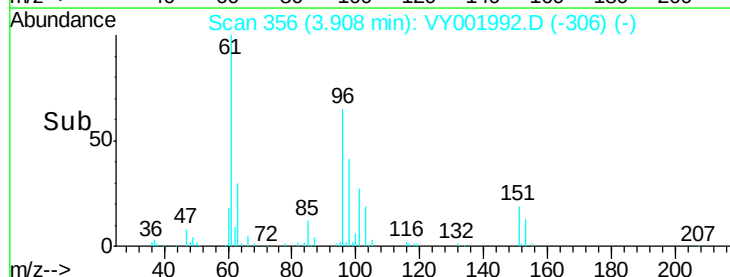
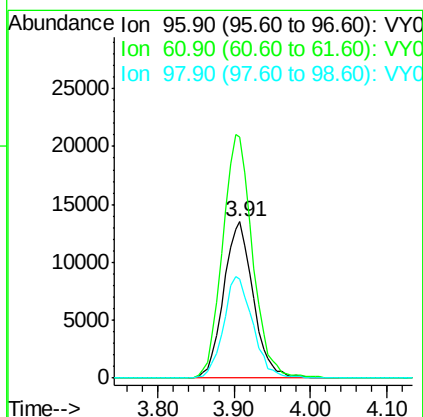
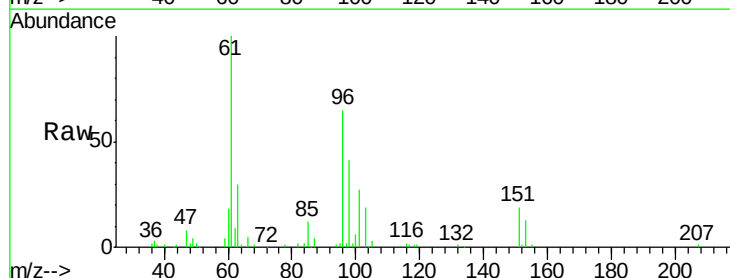
Tgt Ion: 59 Resp: 21901
Ion Ratio Lower Upper
59 100
57 7.6 7.4 11.2

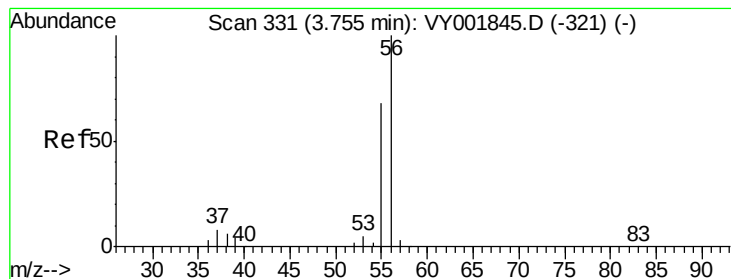


#12

1,1-Dichloroethene
Concen: 20.08 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 96 Resp: 36204
Ion Ratio Lower Upper
96 100
61 154.1 124.8 187.2
98 63.3 49.2 73.8





#13

Acrolein

Concen: 75.88 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

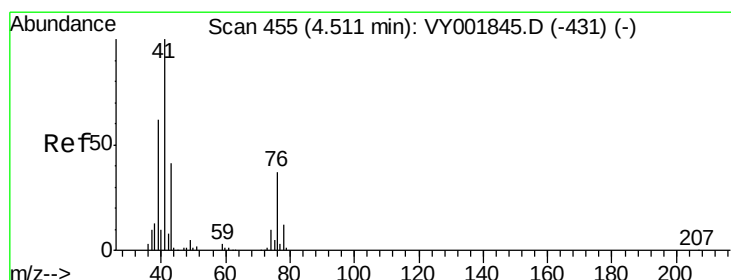
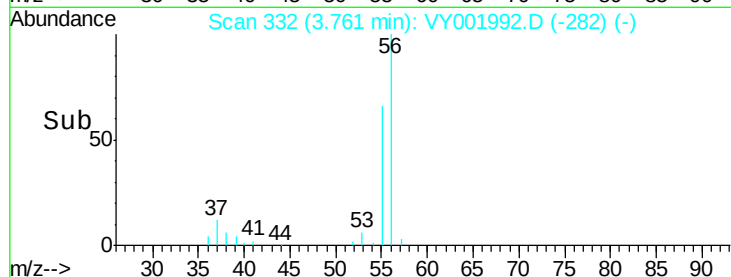
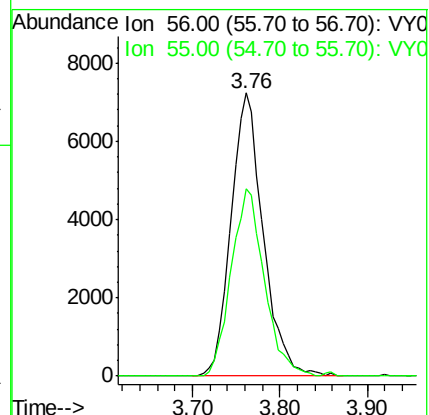
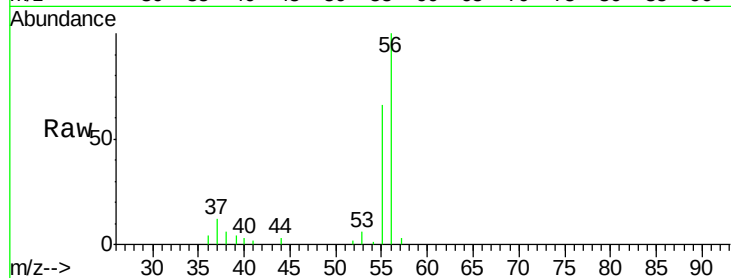
VY0317SBS01

Tgt Ion: 56 Resp: 18459

Ion Ratio Lower Upper

56 100

55 68.2 54.0 81.0



#14

Allyl chloride

Concen: 19.99 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

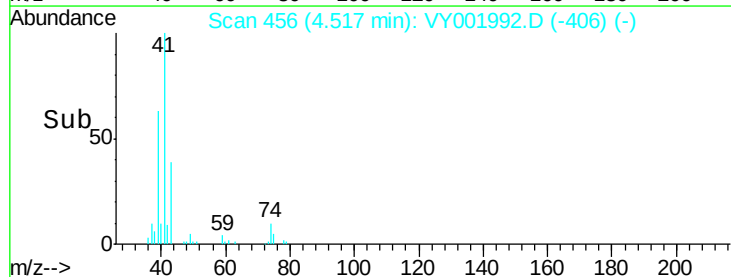
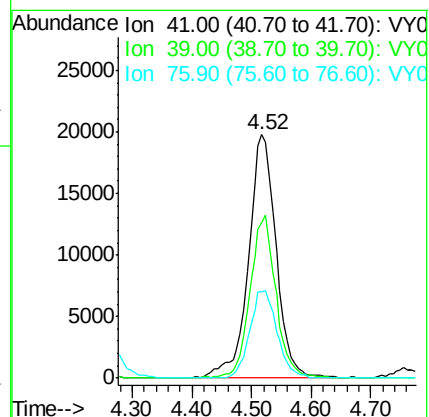
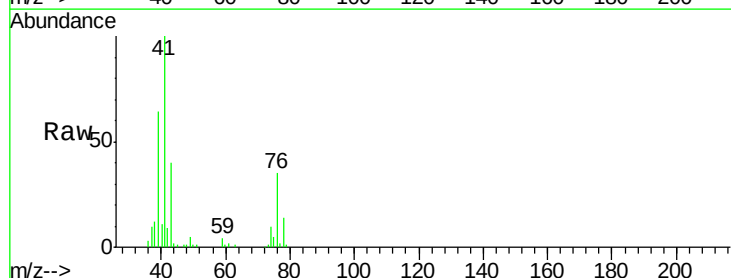
Tgt Ion: 41 Resp: 63885

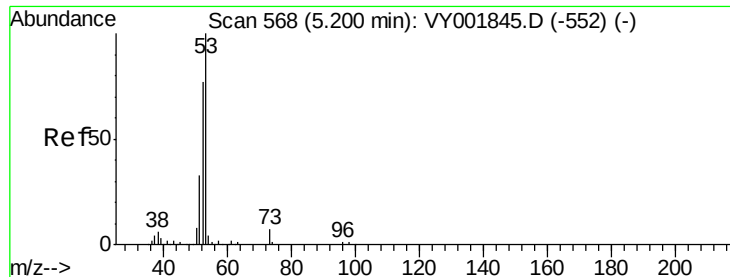
Ion Ratio Lower Upper

41 100

39 62.5 49.0 73.6

76 35.3 28.9 43.3





#15

Acrylonitrile

Concen: 95.45 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

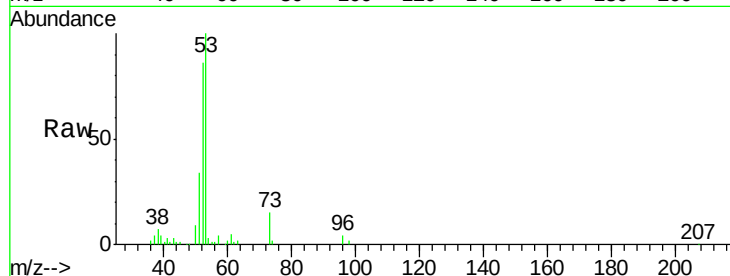
Tgt Ion: 53 Resp: 55969

Ion Ratio Lower Upper

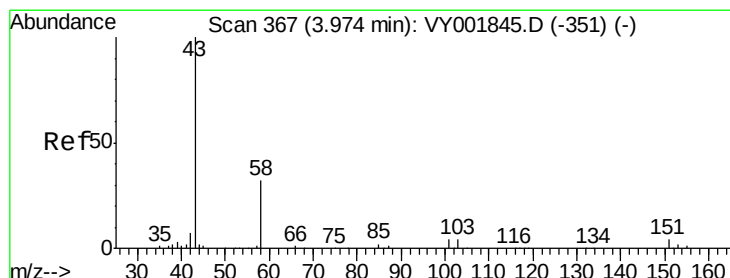
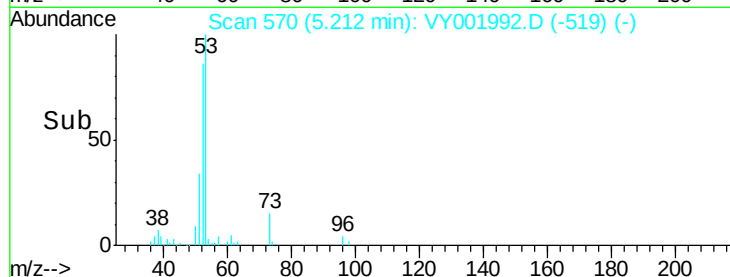
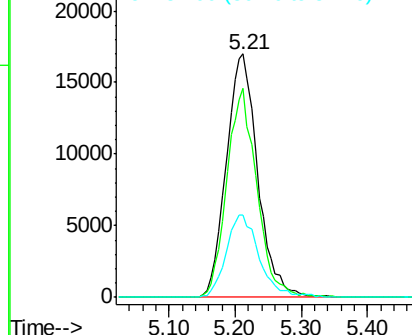
53 100

52 82.1 65.1 97.7

51 35.3 27.5 41.3



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: 88.62 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001992.D

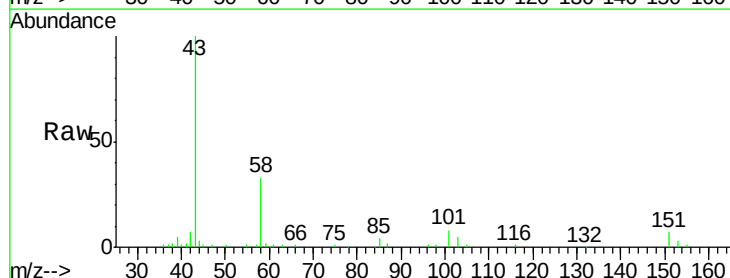
Acq: 17 Mar 2020 11:21

Tgt Ion: 43 Resp: 44686

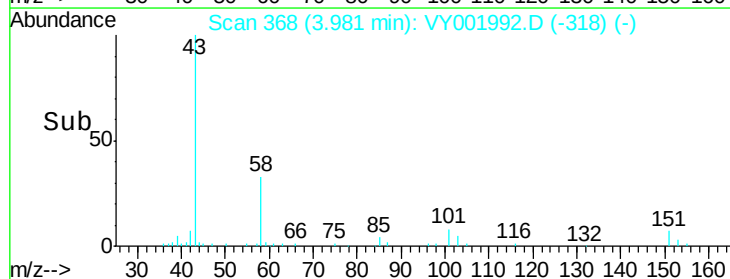
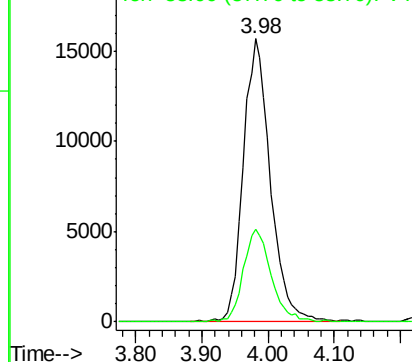
Ion Ratio Lower Upper

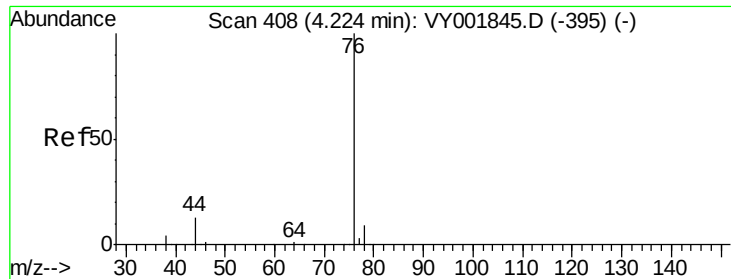
43 100

58 32.6 25.9 38.9



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

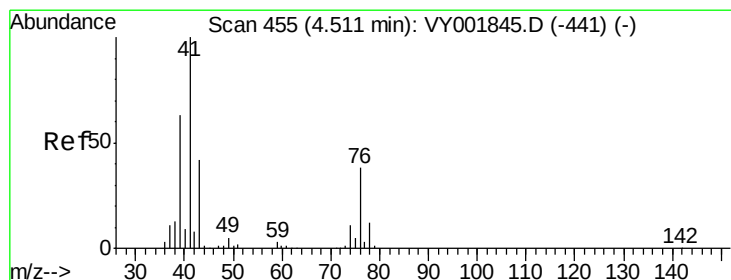
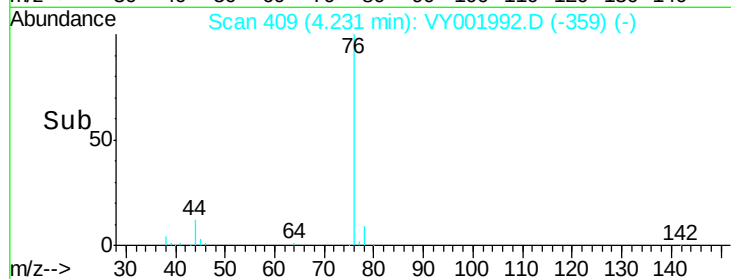
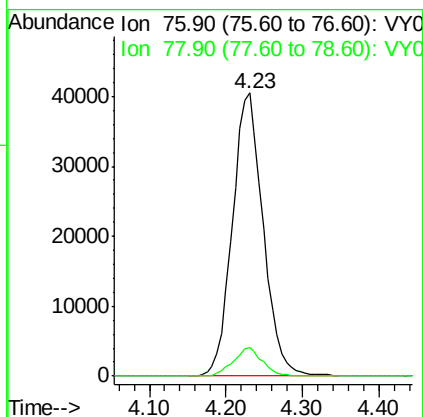
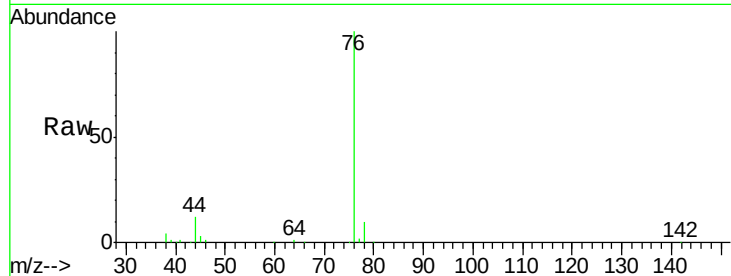




#17
Carbon Disulfide
Concen: 18.57 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

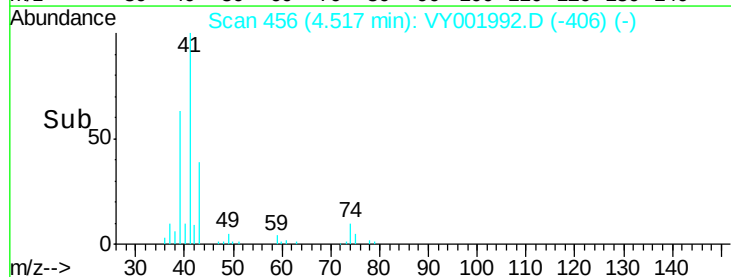
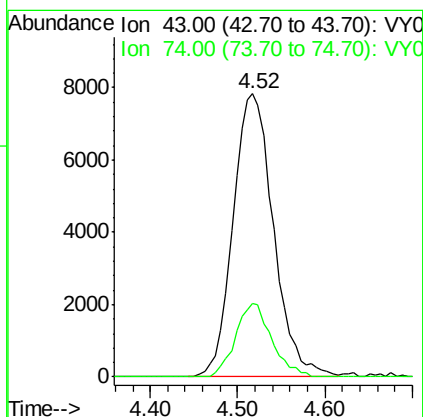
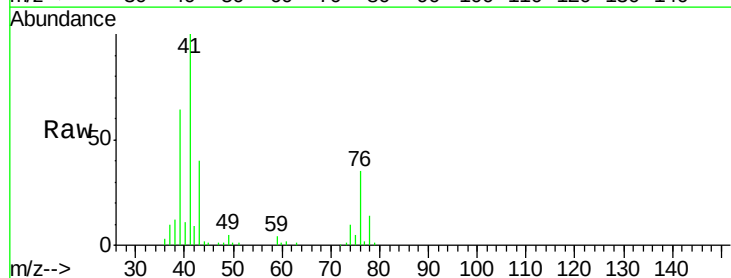
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

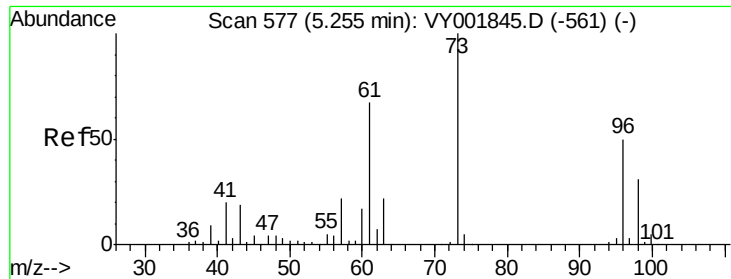
Tgt Ion: 76 Resp: 112543
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



#18
Methyl Acetate
Concen: 19.39 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 43 Resp: 25124
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.6

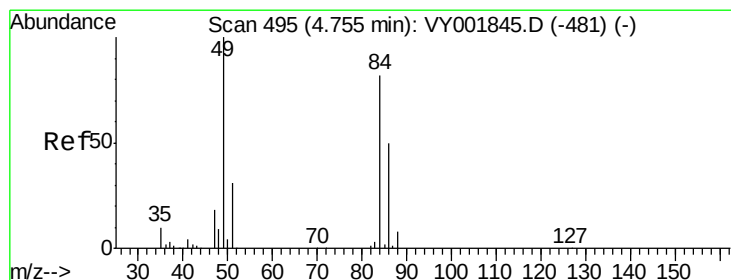
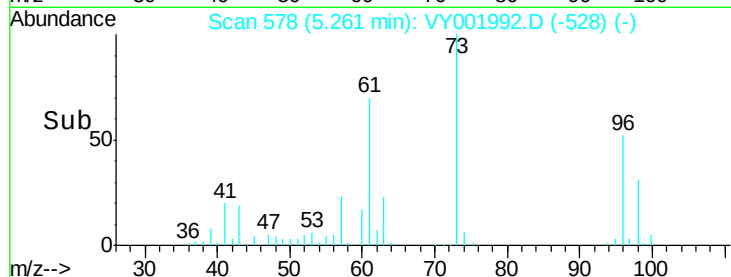
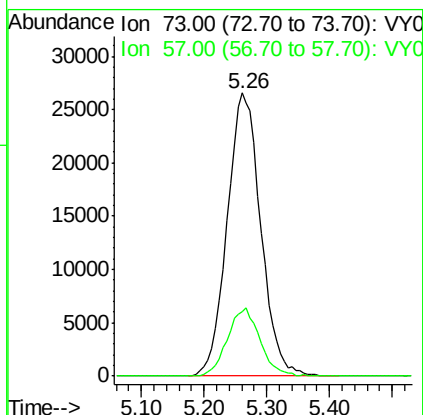
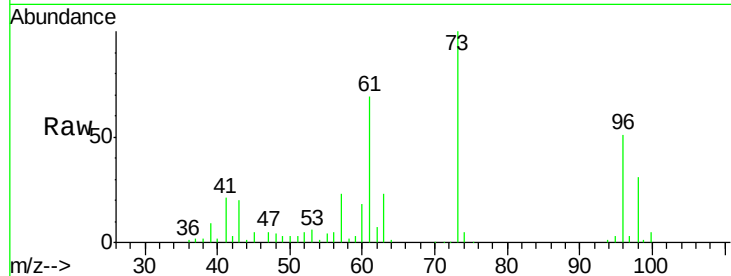




#19
Methyl tert-butyl Ether
Concen: 20.10 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

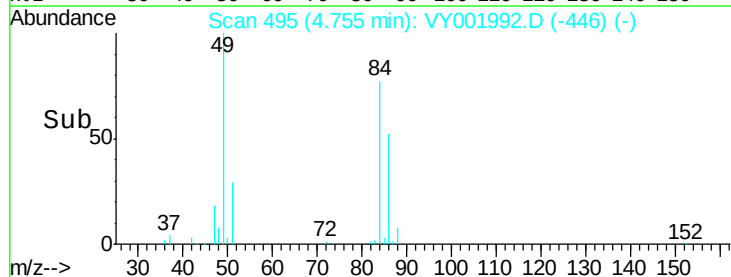
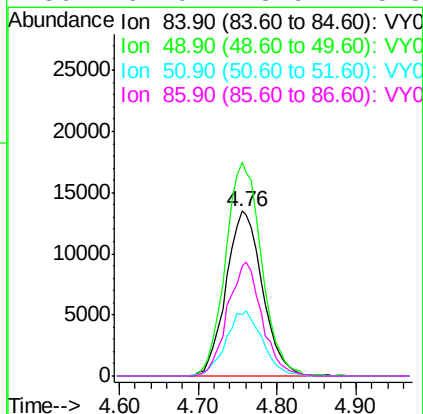
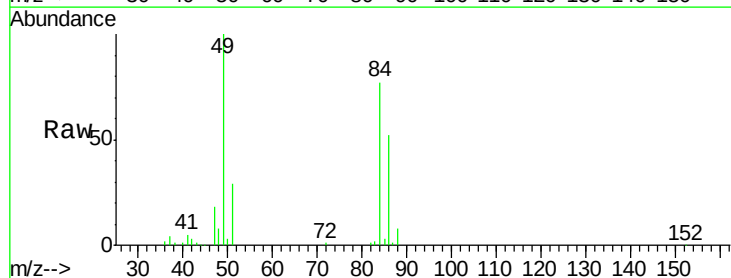
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

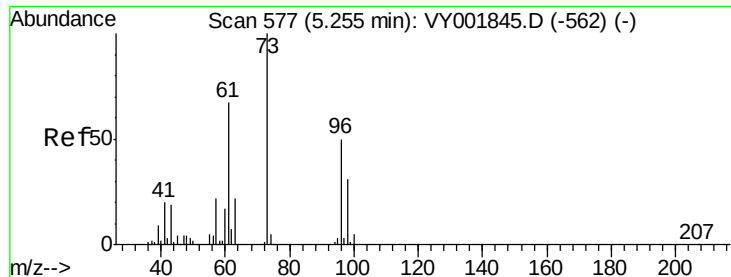
Tgt Ion: 73 Resp: 98205
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2



#20
Methylene Chloride
Concen: 20.05 ug/l
RT: 4.76 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 84 Resp: 43323
Ion Ratio Lower Upper
84 100
49 129.5 98.2 147.2
51 36.9 30.2 45.2
86 67.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.11 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

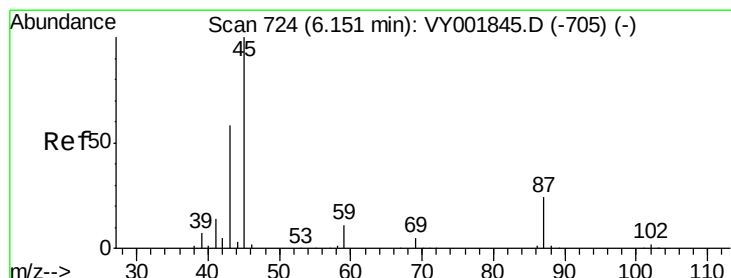
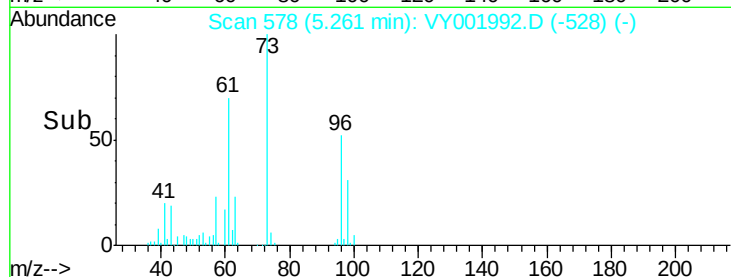
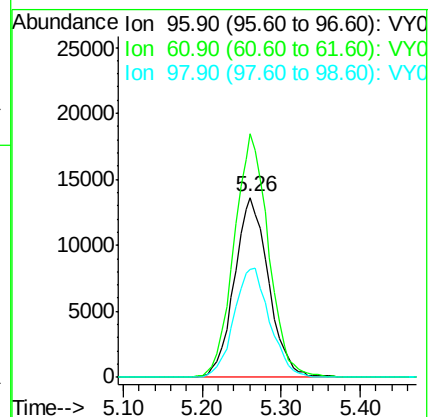
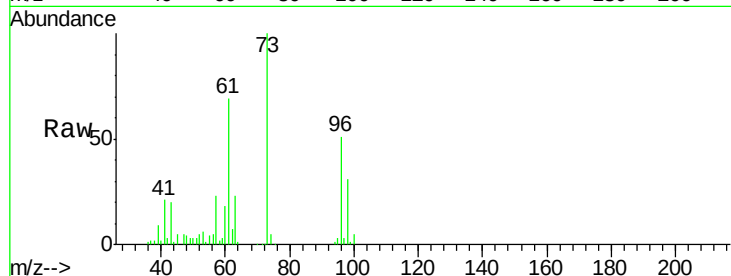
Tgt Ion: 96 Resp: 41150

Ion Ratio Lower Upper

96 100

61 135.5 107.7 161.5

98 60.3 49.3 73.9



#22

Diisopropyl ether

Concen: 20.53 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Tgt Ion: 45 Resp: 134491

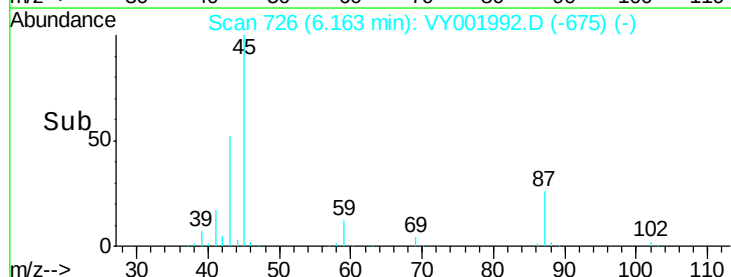
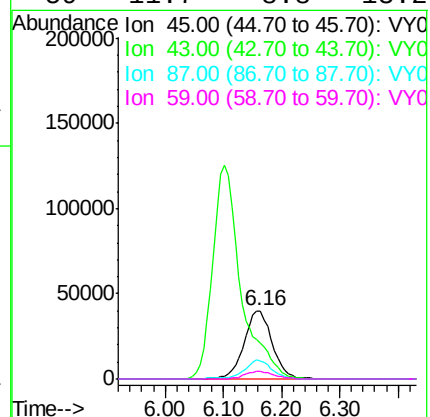
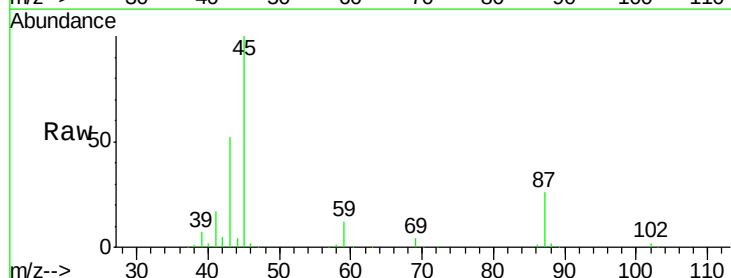
Ion Ratio Lower Upper

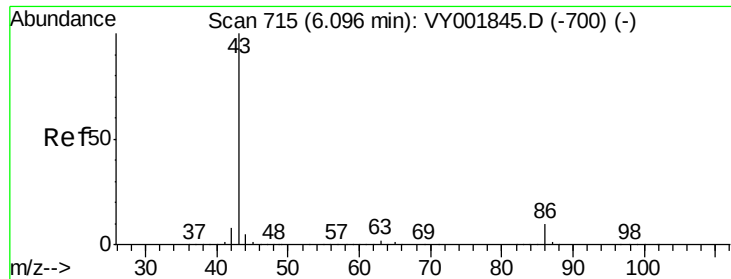
45 100

43 51.3 47.2 70.8

87 25.7 19.8 29.8

59 11.7 8.8 13.2





#23

Vinyl Acetate

Concen: 98.48 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

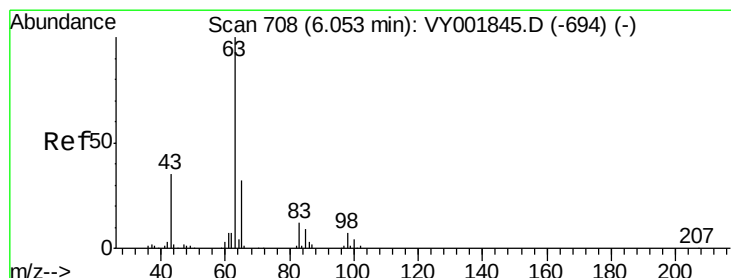
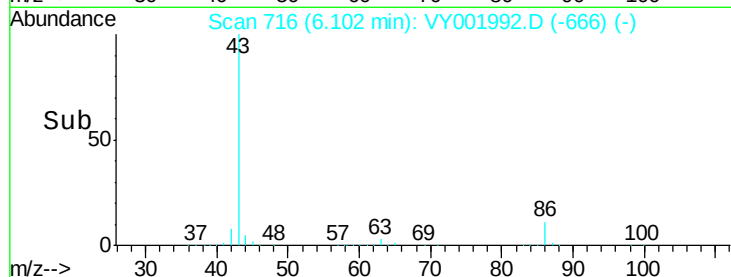
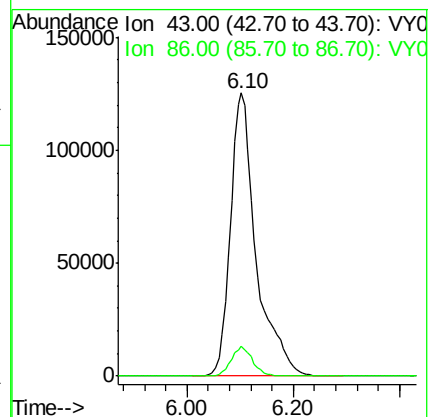
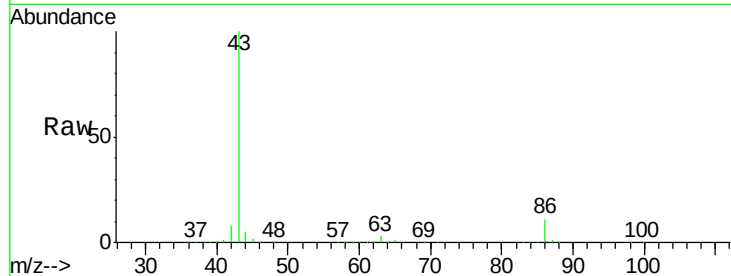
VY0317SBS01

Tgt Ion: 43 Resp: 422984

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.31 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

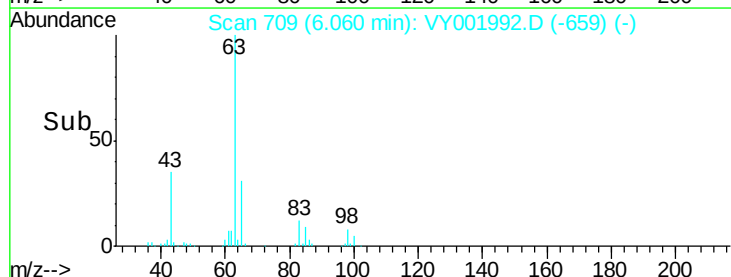
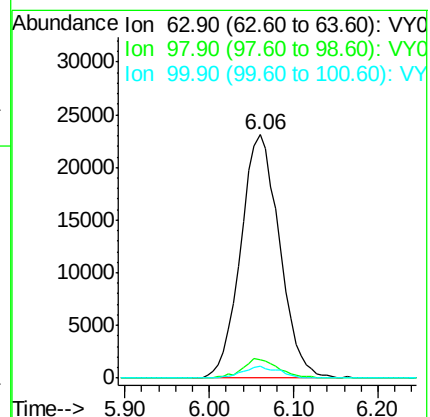
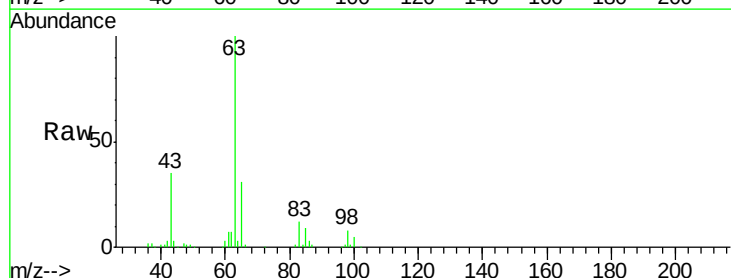
Tgt Ion: 63 Resp: 72076

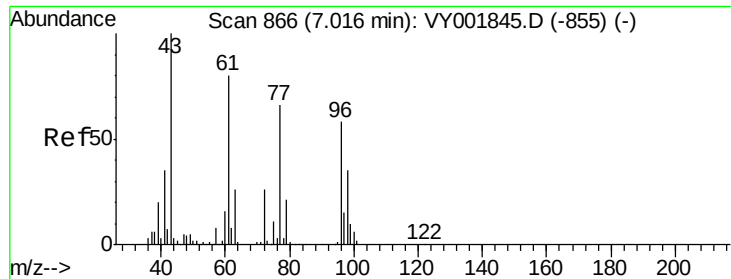
Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 91.84 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

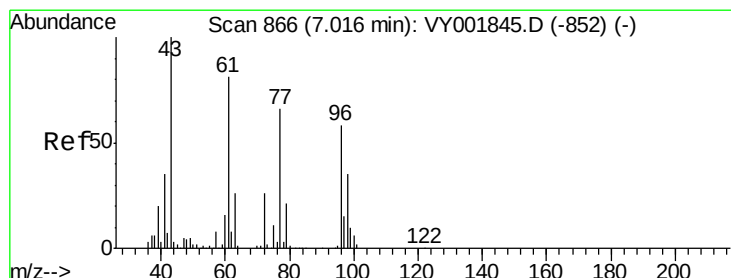
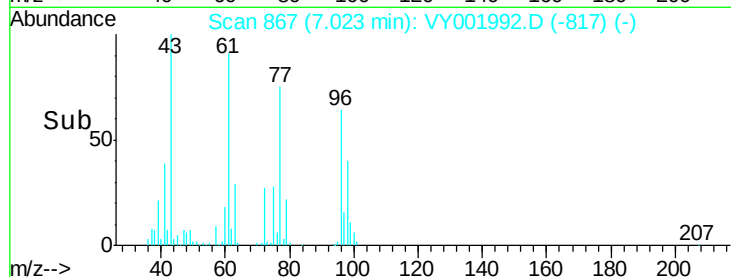
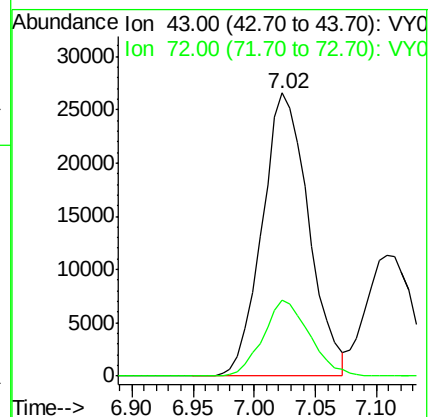
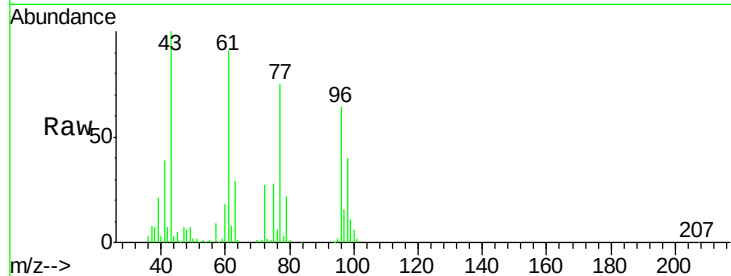
VY0317SBS01

Tgt Ion: 43 Resp: 70426

Ion Ratio Lower Upper

43 100

72 26.7 20.9 31.3



#26

2,2-Dichloropropane

Concen: 20.18 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001992.D

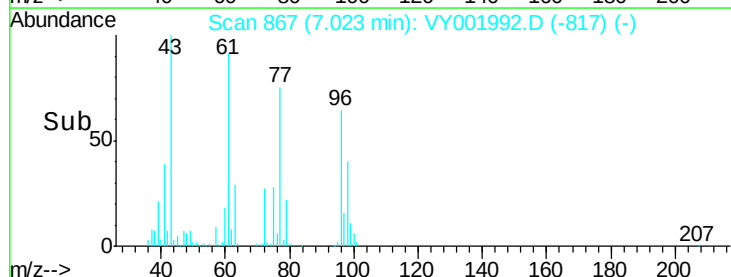
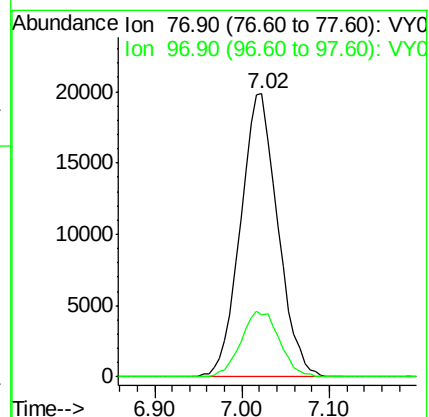
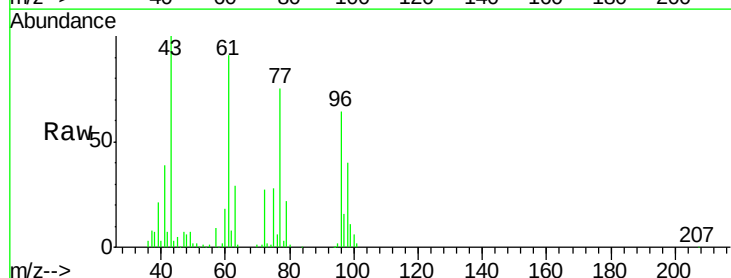
Acq: 17 Mar 2020 11:21

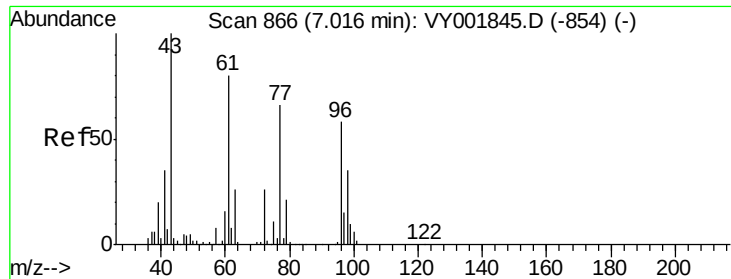
Tgt Ion: 77 Resp: 58754

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 20.02 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

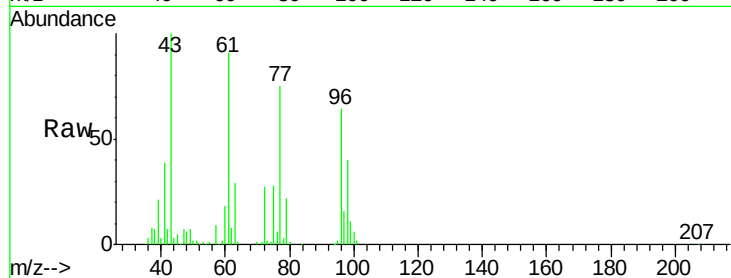
Tgt Ion: 96 Resp: 44573

Ion Ratio Lower Upper

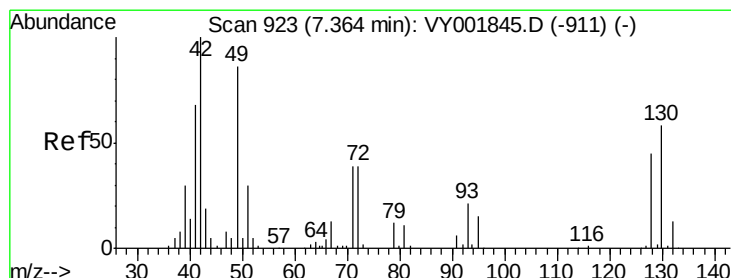
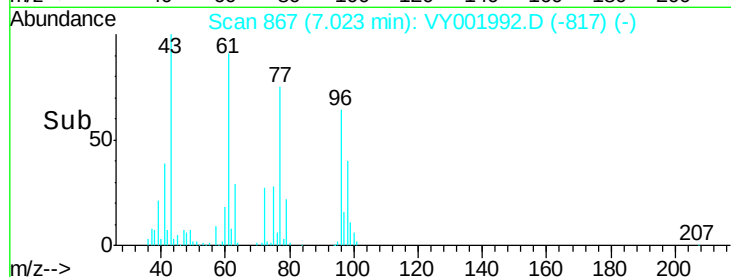
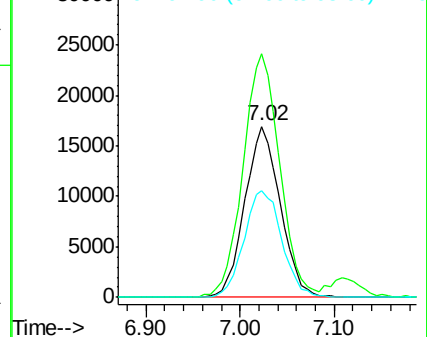
96 100

61 147.4 0.0 288.2

98 66.1 0.0 129.0



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



#28

Bromochloromethane

Concen: 20.90 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

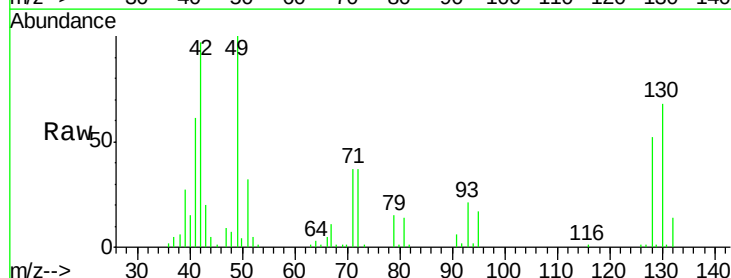
Tgt Ion: 49 Resp: 33432

Ion Ratio Lower Upper

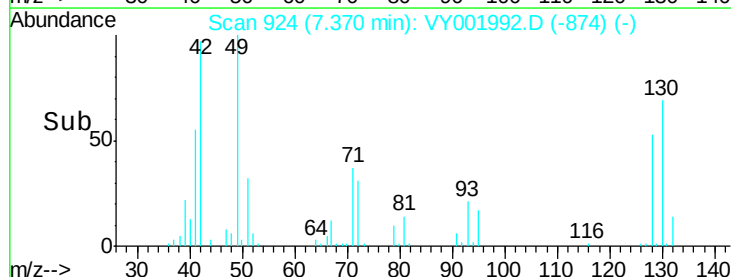
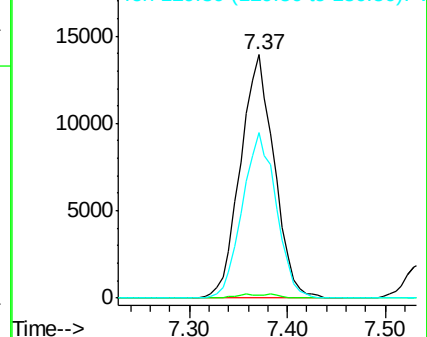
49 100

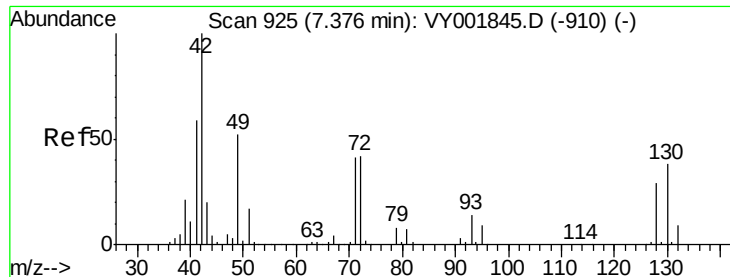
129 1.0 0.0 3.8

130 68.3 54.4 81.6



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





#29

Tetrahydrofuran

Concen: 91.55 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

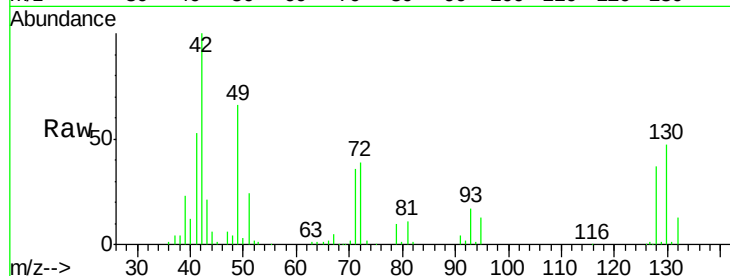
Tgt Ion: 42 Resp: 46619

Ion Ratio Lower Upper

42 100

72 41.0 33.5 50.3

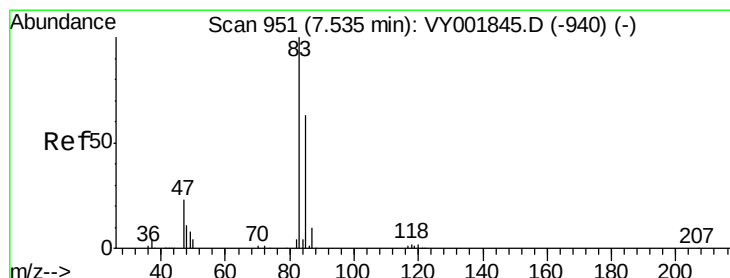
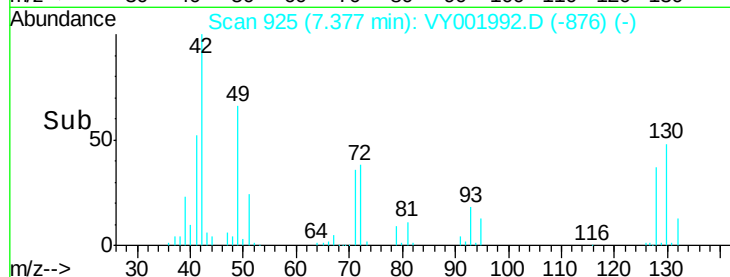
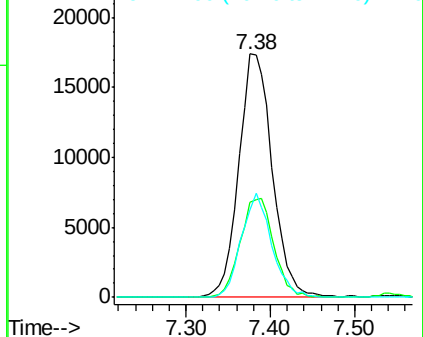
71 38.6 31.3 46.9



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: 20.62 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.01 min

Lab File: VY001992.D

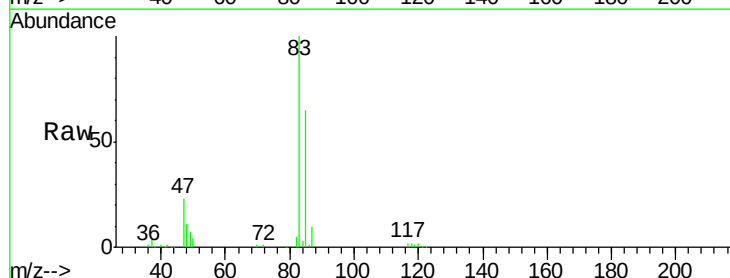
Acq: 17 Mar 2020 11:21

Tgt Ion: 83 Resp: 68722

Ion Ratio Lower Upper

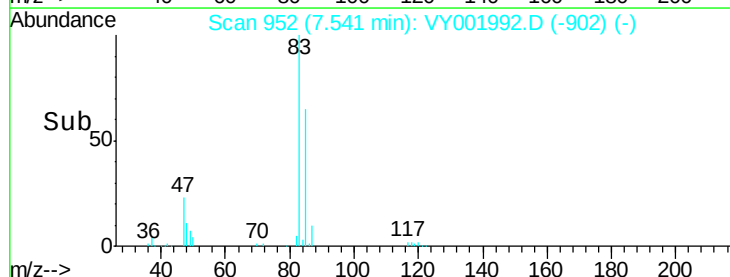
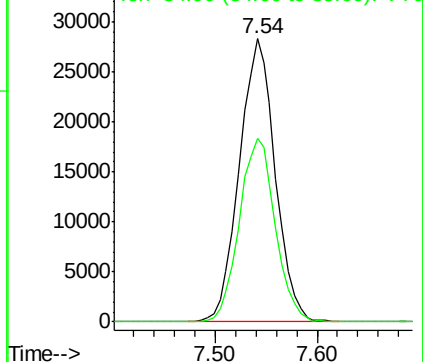
83 100

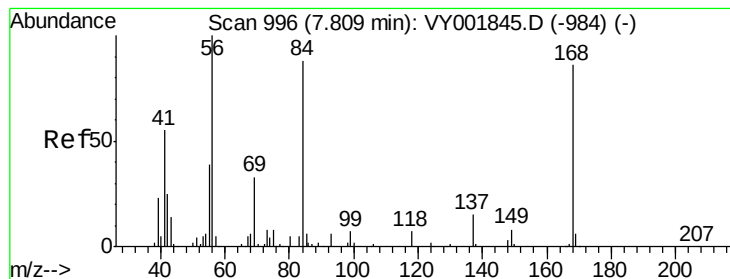
85 64.6 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.37 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

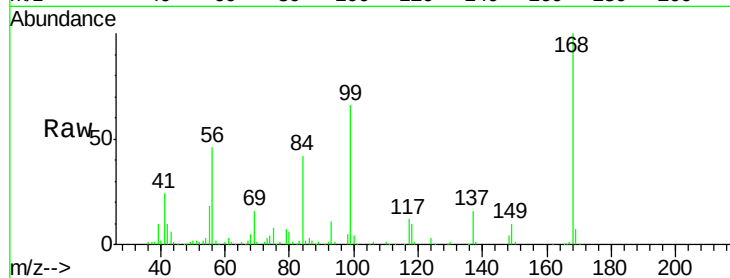
Tgt Ion: 56 Resp: 73689

Ion Ratio Lower Upper

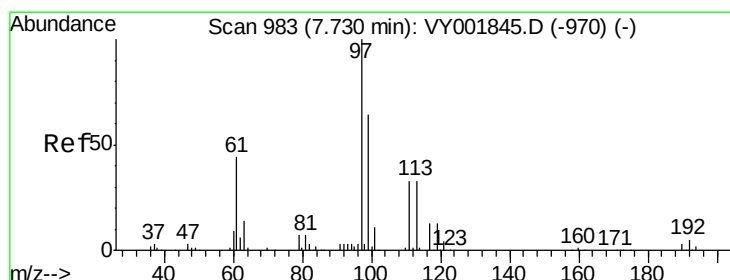
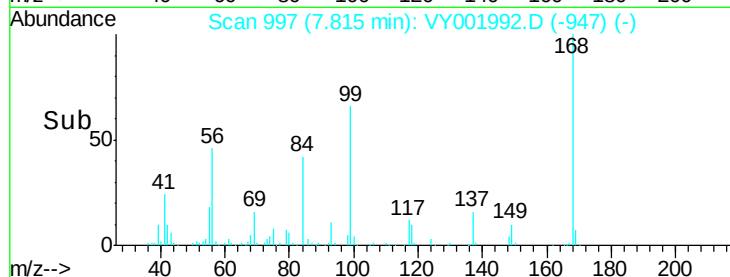
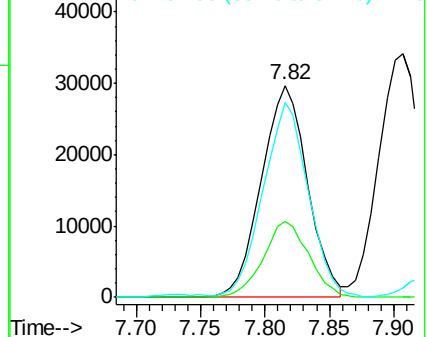
56 100

69 36.1 26.7 40.1

84 90.7 70.4 105.6



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: 20.52 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

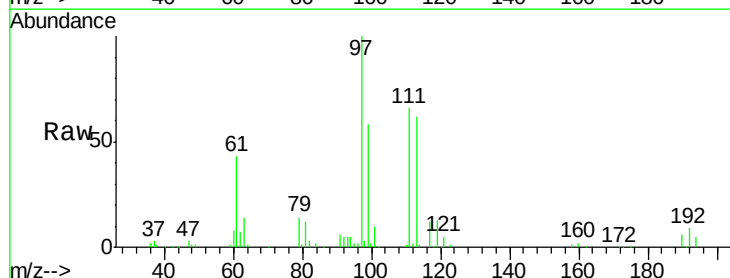
Tgt Ion: 97 Resp: 57647

Ion Ratio Lower Upper

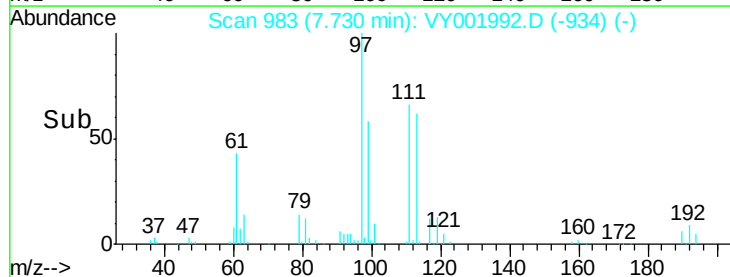
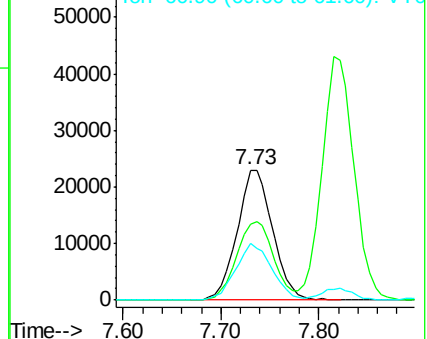
97 100

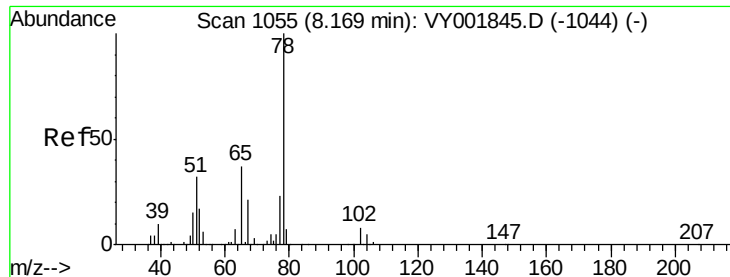
99 64.0 52.0 78.0

61 44.3 35.0 52.4



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

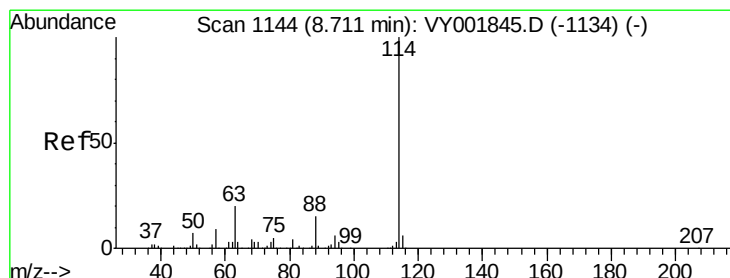
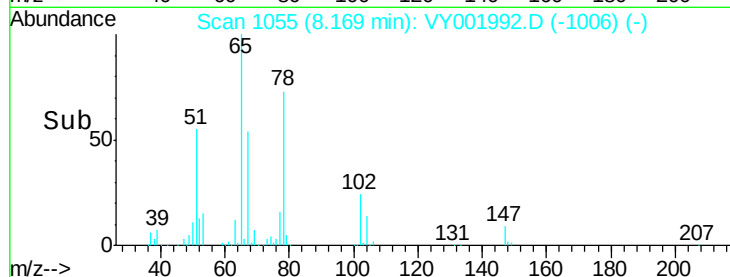
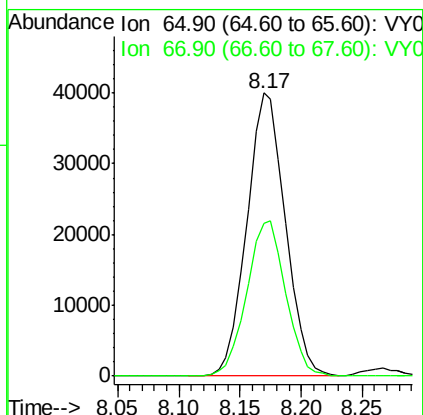
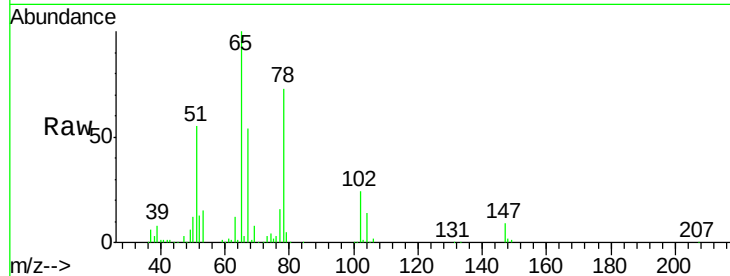




#33
 1,2-Dichloroethane-d4
 Concen: 50.59 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

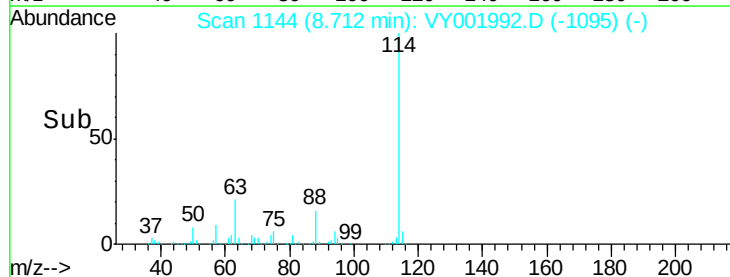
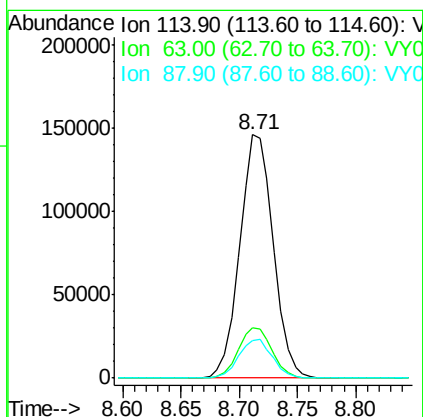
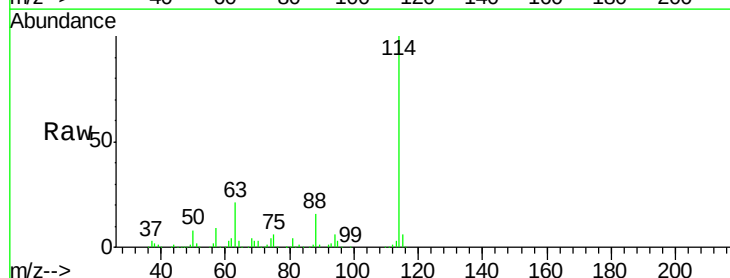
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBSD01

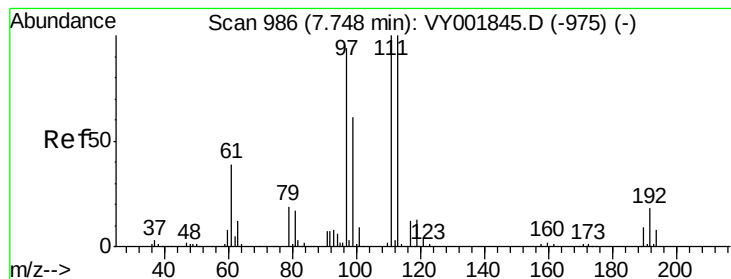
Tgt Ion: 65 Resp: 87591
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion: 114 Resp: 291752
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.4
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.61 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

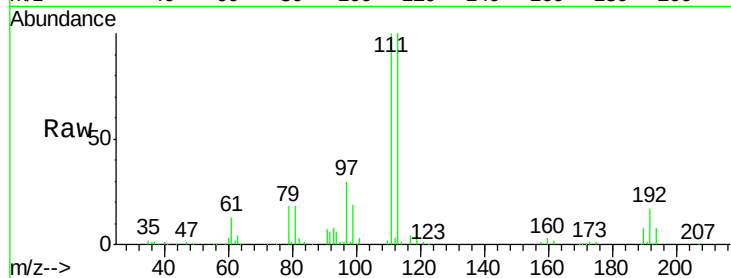
Tgt Ion:113 Resp: 83805

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

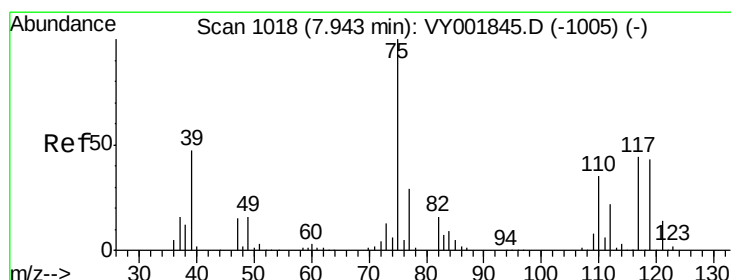
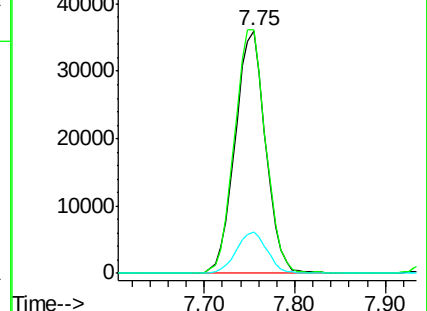
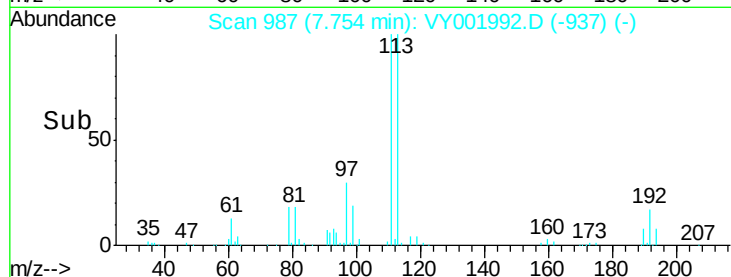
192 17.2 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.50 ug/l

RT: 7.95 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

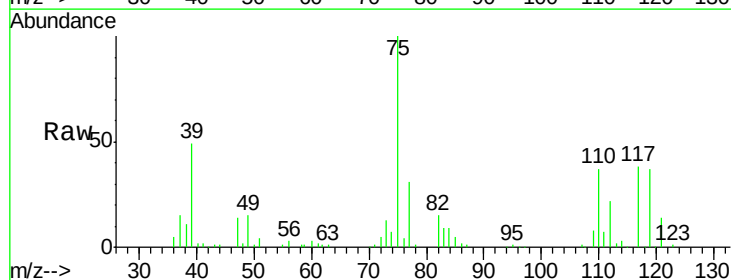
Tgt Ion: 75 Resp: 57549

Ion Ratio Lower Upper

75 100

110 35.1 17.4 52.2

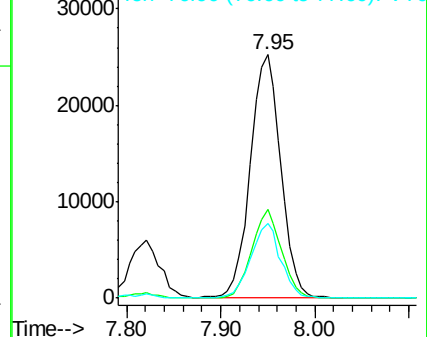
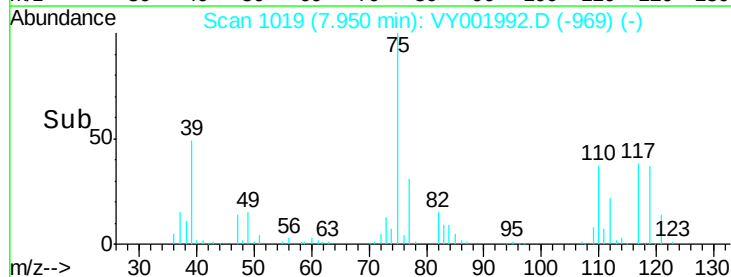
77 30.2 24.2 36.2

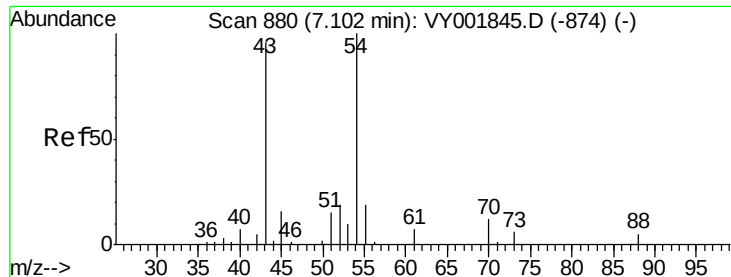


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

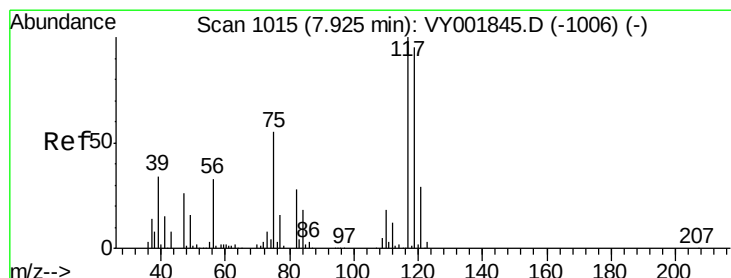
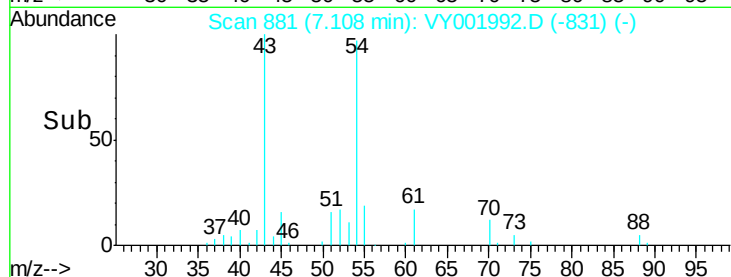
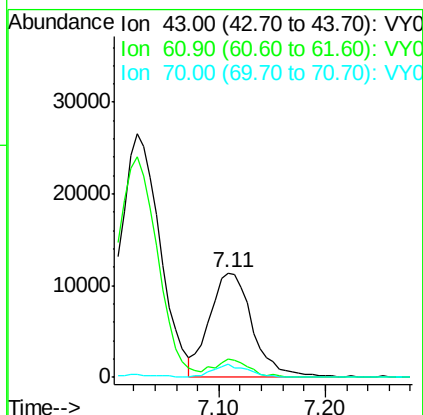
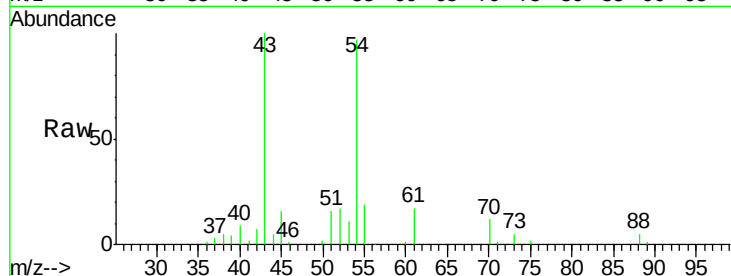




#37
Ethyl Acetate
Concen: 19.34 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

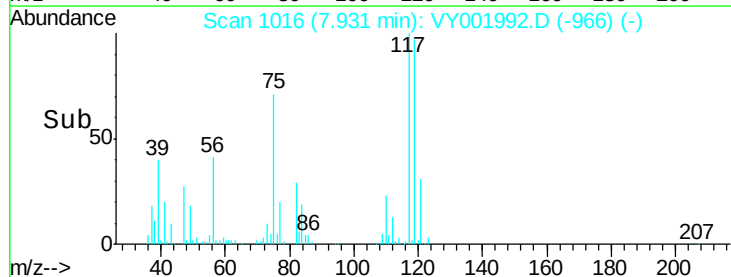
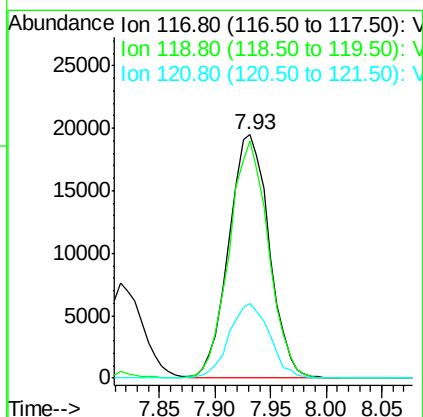
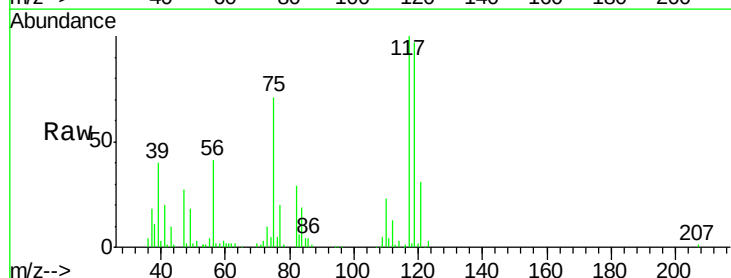
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

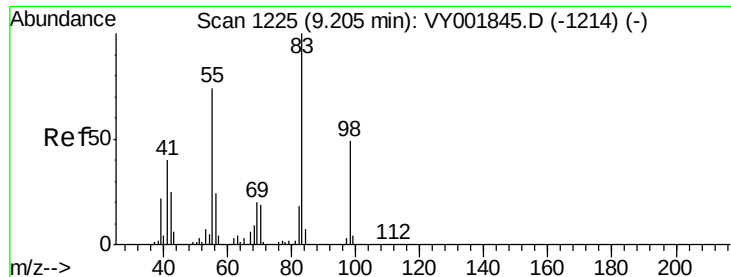
Tgt Ion: 43 Resp: 31562
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.4 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.44 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 117 Resp: 49015
Ion Ratio Lower Upper
117 100
119 97.5 76.3 114.5
121 30.6 23.5 35.3

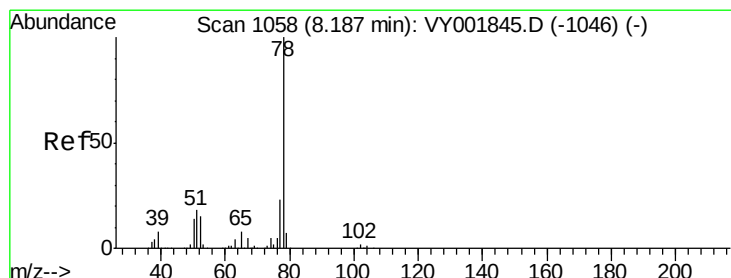
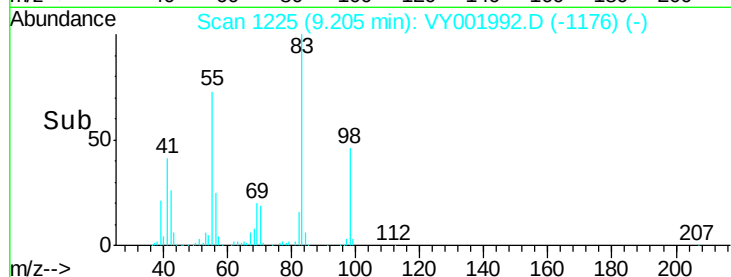
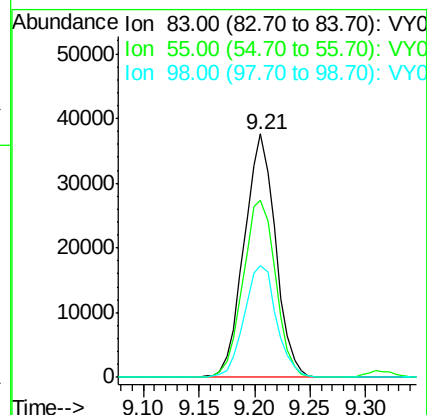
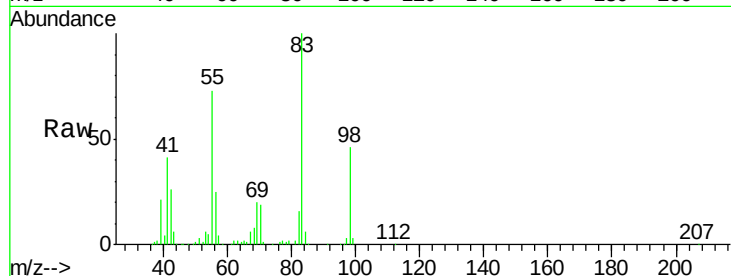




#39
Methylcyclohexane
Concen: 19.71 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

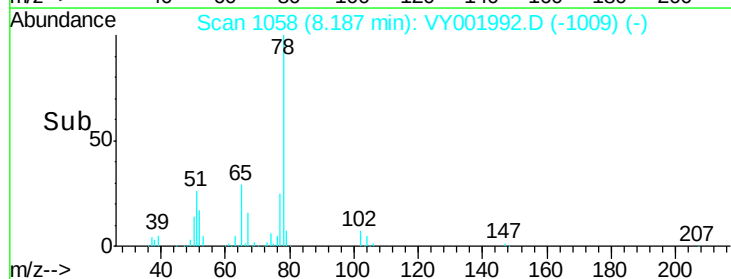
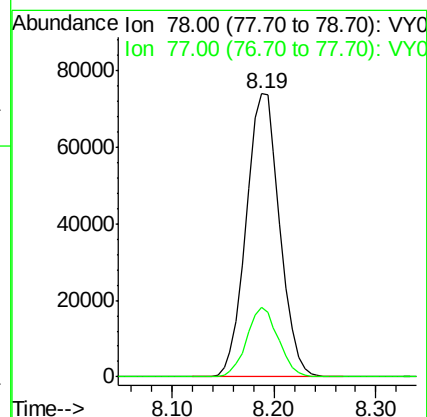
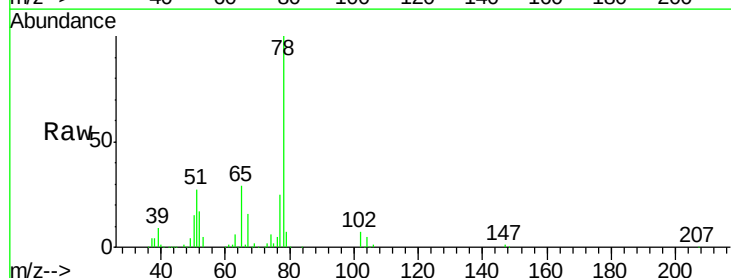
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

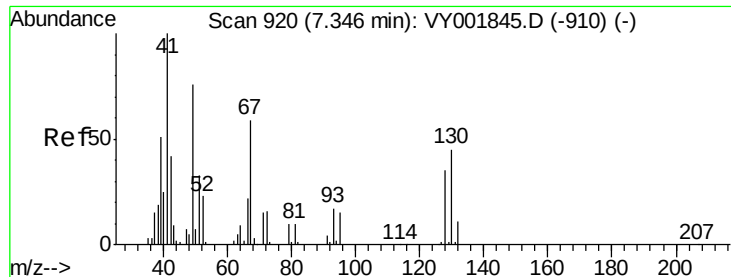
Tgt Ion: 83 Resp: 73390
Ion Ratio Lower Upper
83 100
55 72.6 59.4 89.0
98 46.1 38.9 58.3



#40
Benzene
Concen: 20.30 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 78 Resp: 168961
Ion Ratio Lower Upper
78 100
77 24.8 18.7 28.1

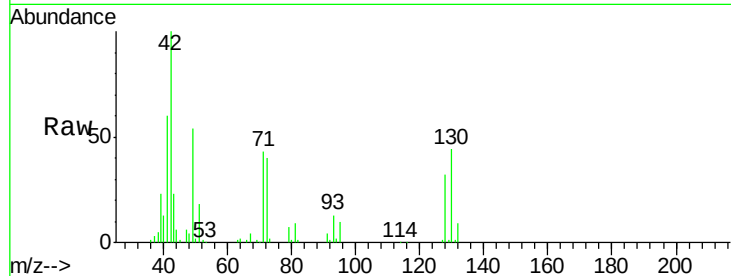




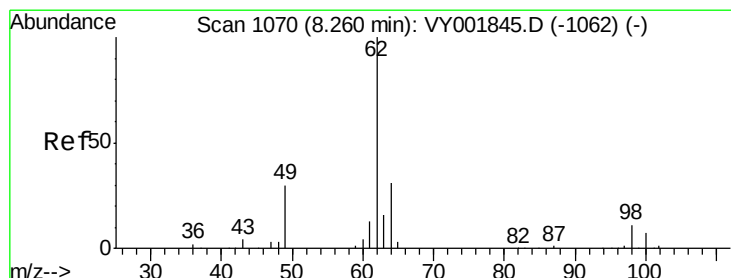
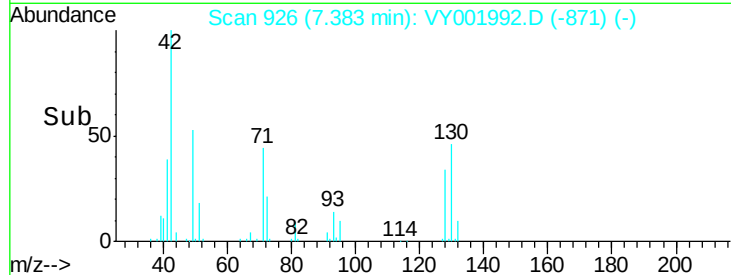
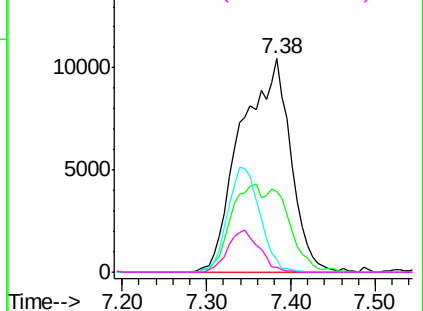
#41
Methacrylonitrile
Concen: 57.35 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tgt Ion: 41 Resp: 42115
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

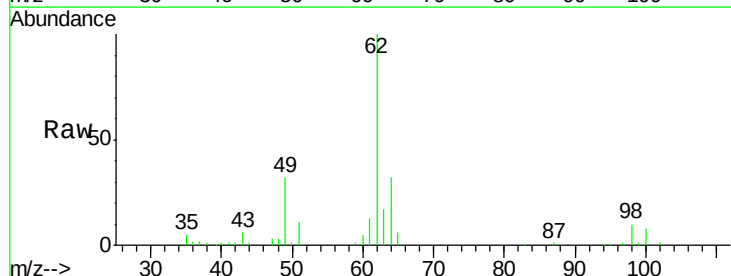


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

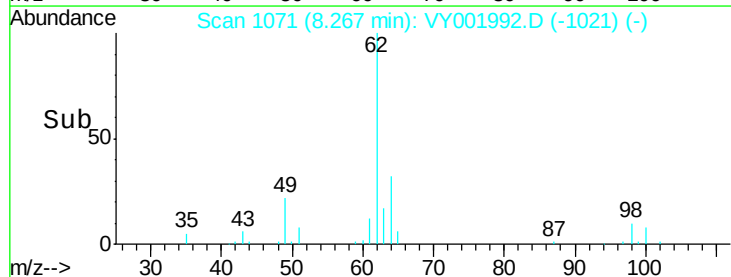
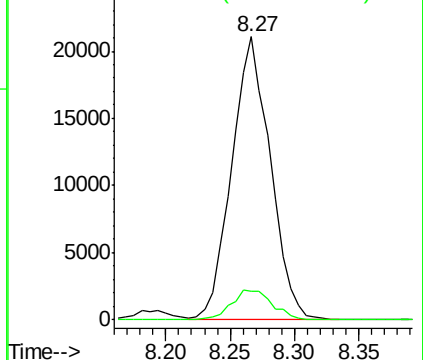


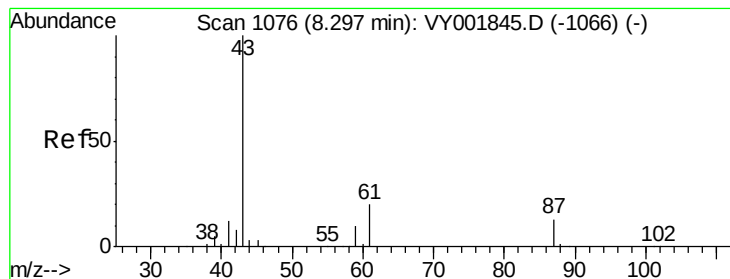
#42
1,2-Dichloroethane
Concen: 20.49 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 62 Resp: 43942
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 19.34 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

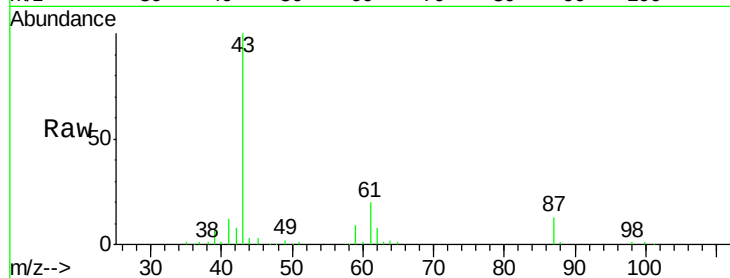
Tgt Ion: 43 Resp: 59742

Ion Ratio Lower Upper

43 100

61 29.2 23.8 35.6

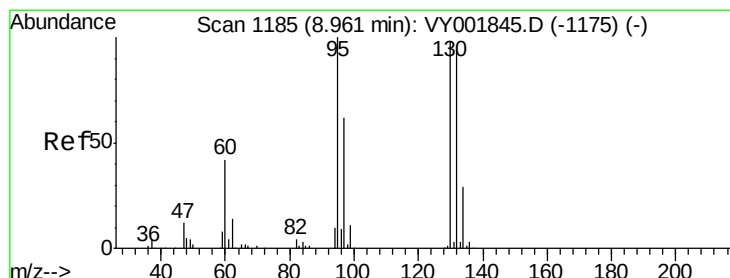
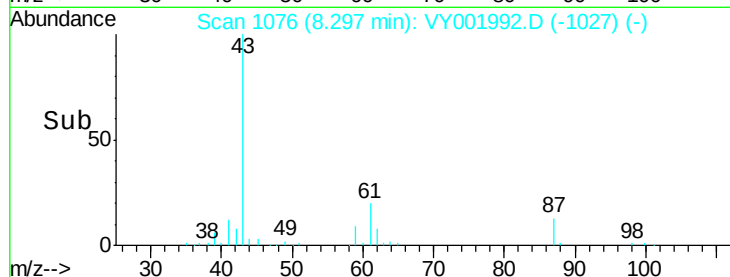
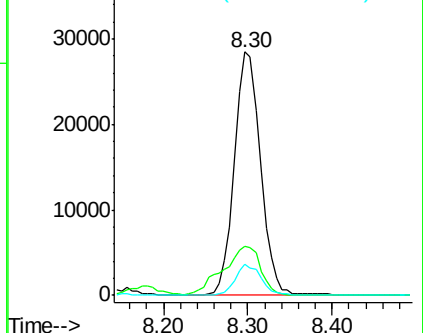
87 12.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001992.D (-1027) (-)

Ion 61.00 (60.70 to 61.70): VY001992.D (-1027) (-)

Ion 87.00 (86.70 to 87.70): VY001992.D (-1027) (-)



#44

Trichloroethene

Concen: 20.15 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY001992.D

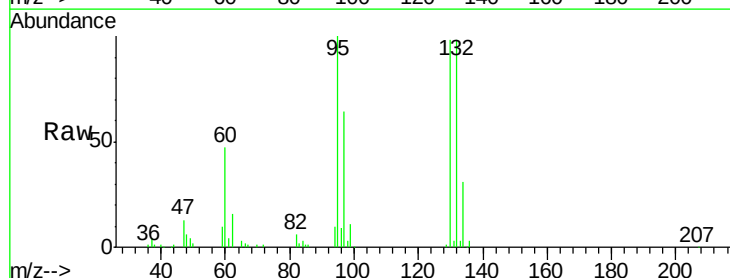
Acq: 17 Mar 2020 11:21

Tgt Ion: 130 Resp: 40844

Ion Ratio Lower Upper

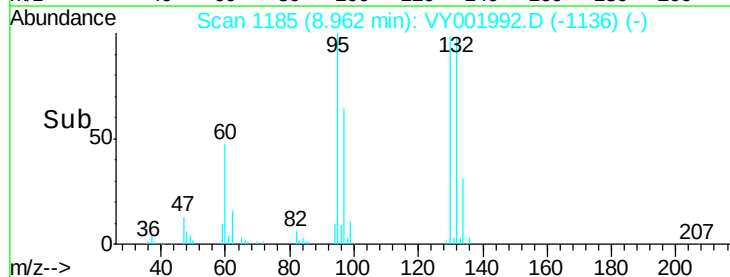
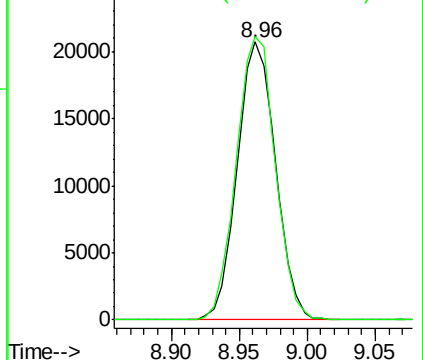
130 100

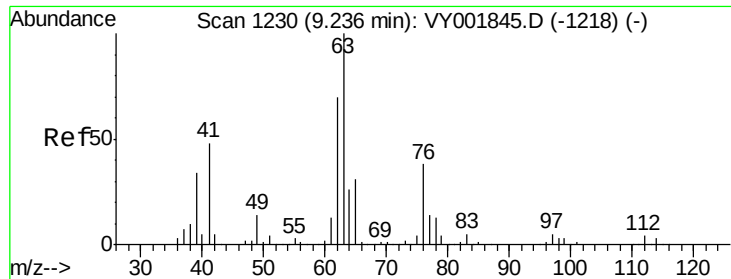
95 101.9 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001992.D (-1136) (-)

Ion 94.90 (94.60 to 95.60): VY001992.D (-1136) (-)

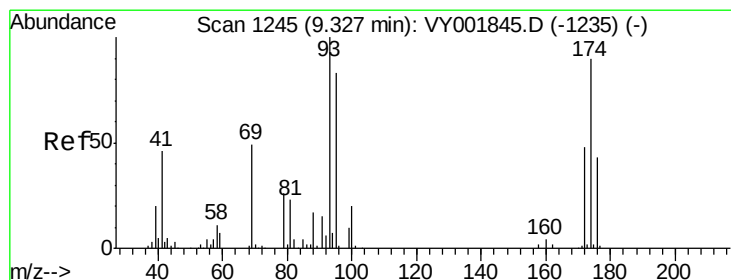
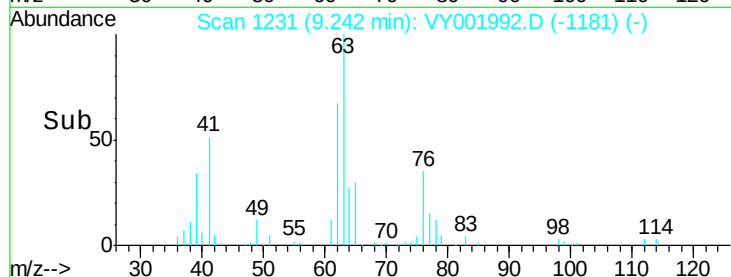
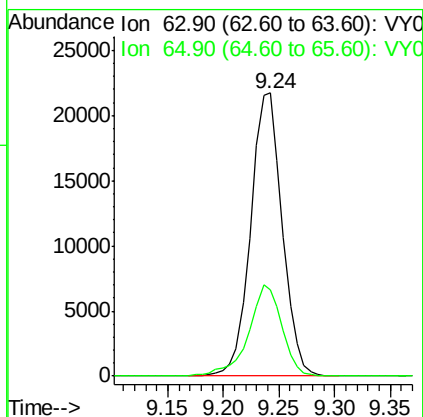
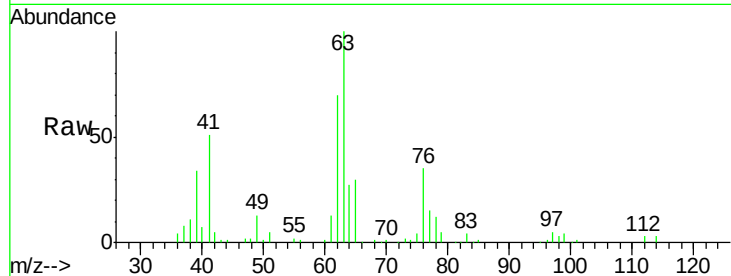




#45
 1,2-Dichloropropane
 Concen: 20.55 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

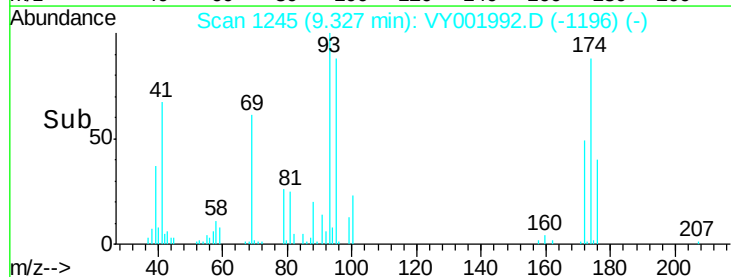
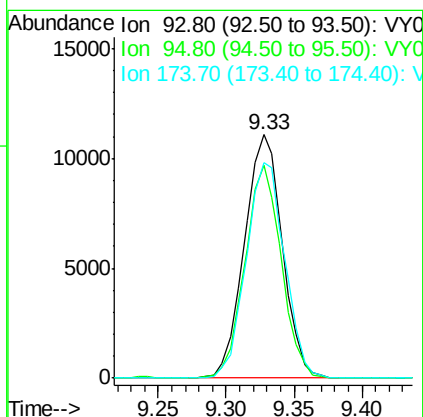
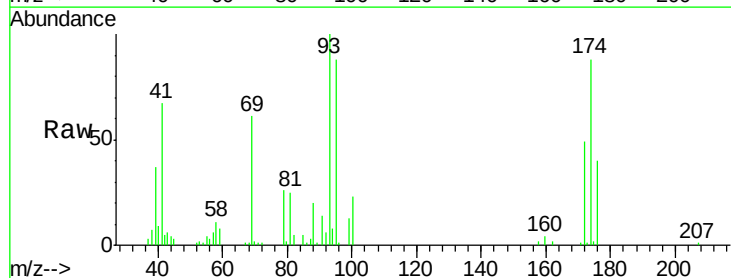
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

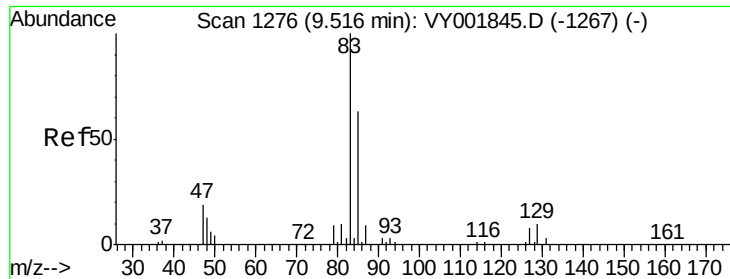
Tgt Ion: 63 Resp: 42995
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.9 37.3



#46
 Dibromomethane
 Concen: 20.07 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion: 93 Resp: 21639
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.4
 174 89.7 71.8 107.8

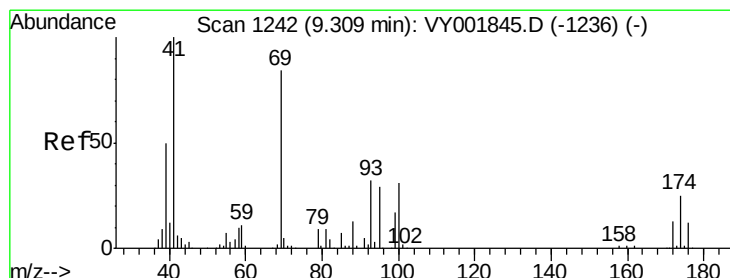
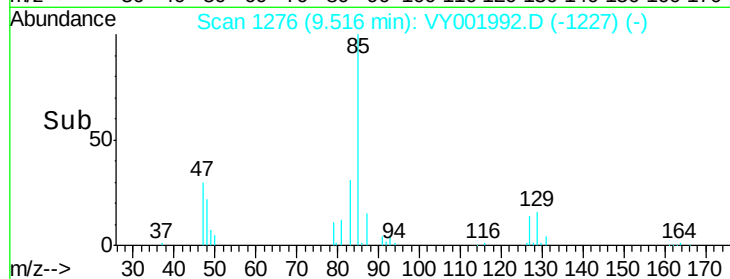
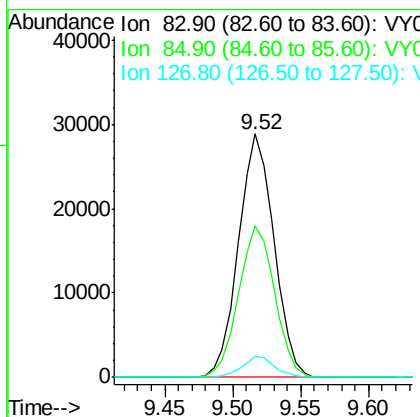
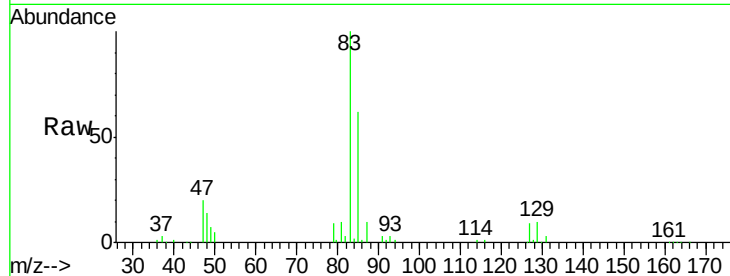




#47
Bromodichloromethane
Concen: 21.05 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

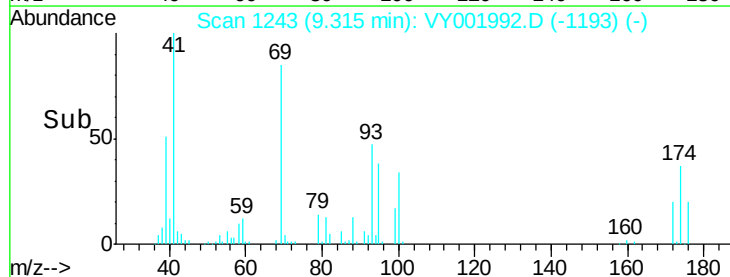
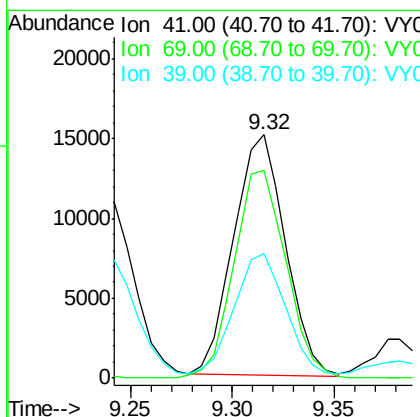
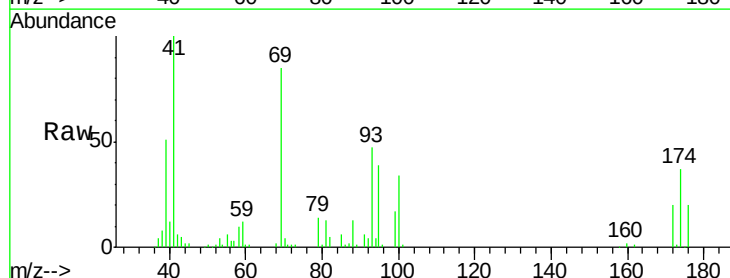
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBSD01

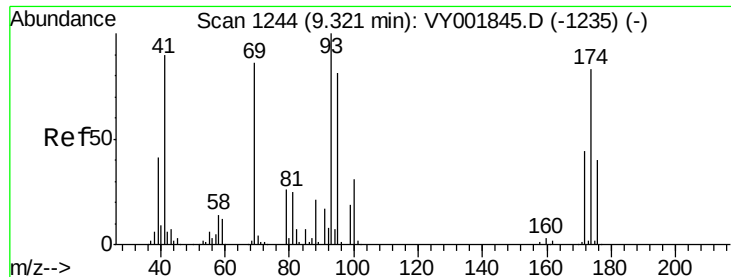
Tgt Ion: 83 Resp: 52782
Ion Ratio Lower Upper
83 100
85 62.5 50.6 76.0
127 8.8 6.2 9.4



#48
Methyl methacrylate
Concen: 19.42 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 41 Resp: 26616
Ion Ratio Lower Upper
41 100
69 86.2 69.0 103.6
39 49.9 39.1 58.7

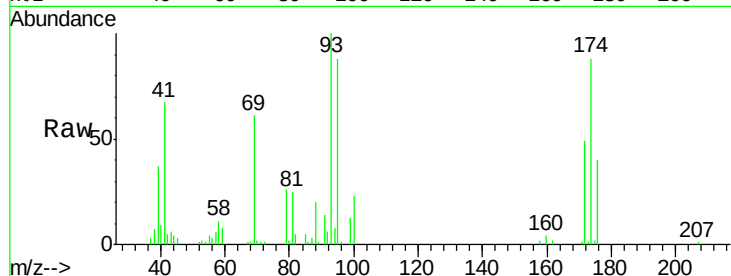




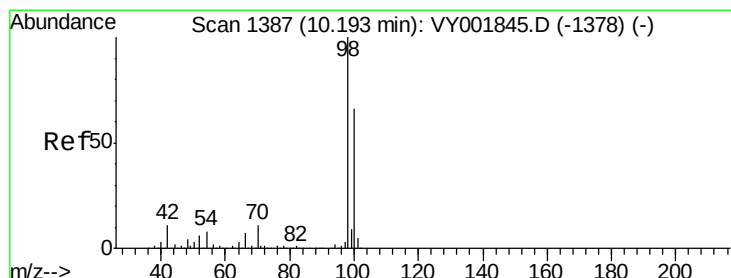
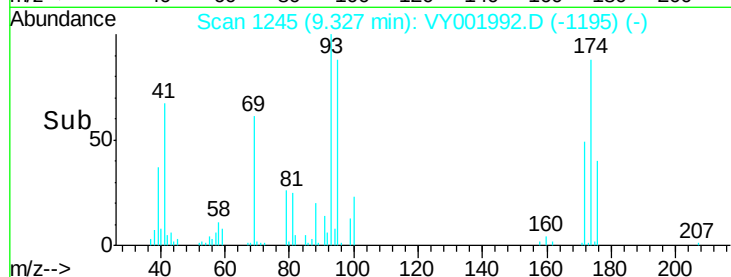
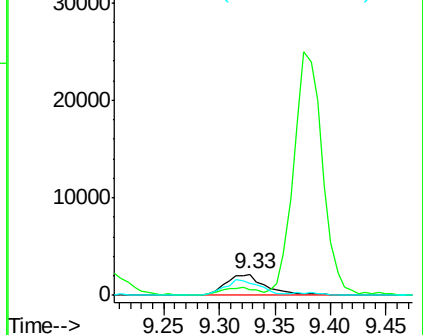
#49
1,4-Dioxane
Concen: 366.59 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tgt Ion: 88 Resp: 5415
Ion Ratio Lower Upper
88 100
43 32.1 25.0 37.6
58 69.4 58.9 88.3

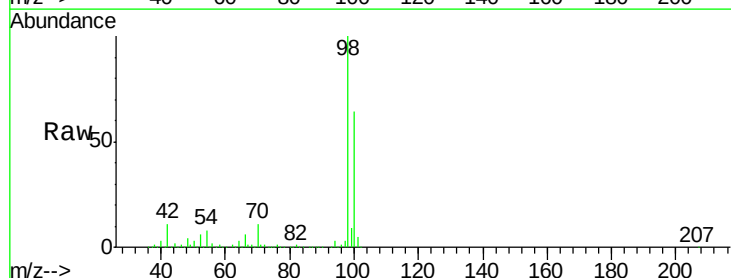


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

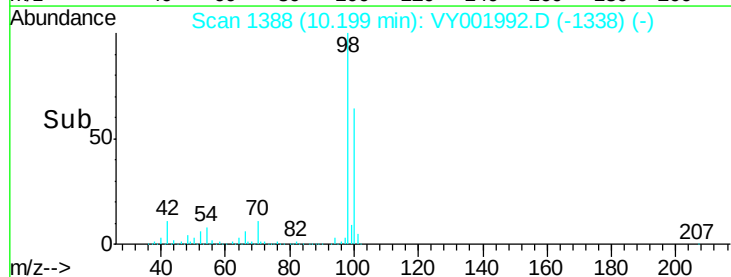
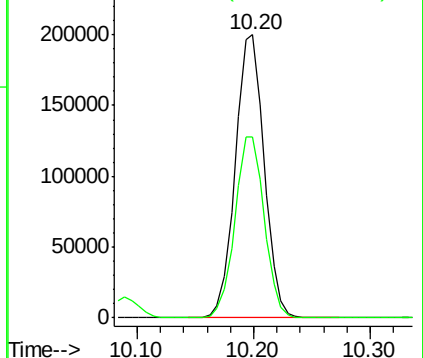


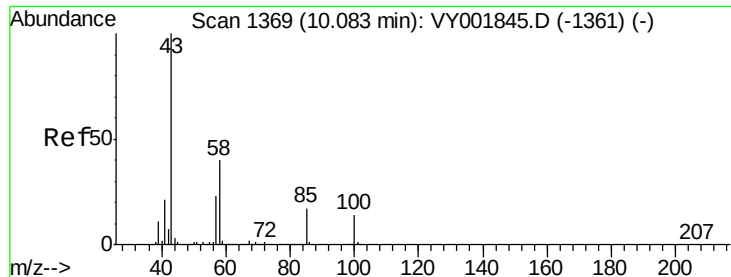
#50
Toluene-d8
Concen: 51.36 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 98 Resp: 345026
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 99.35 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

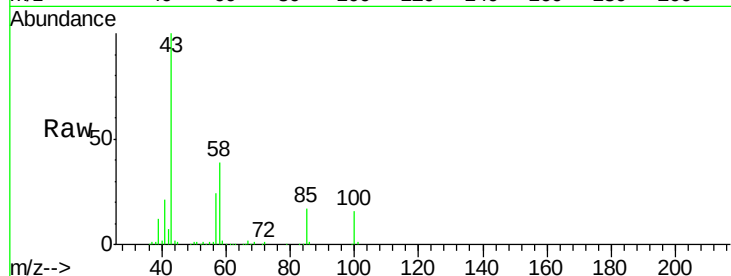
VY0317SBS01

Tgt Ion: 43 Resp: 158086

Ion Ratio Lower Upper

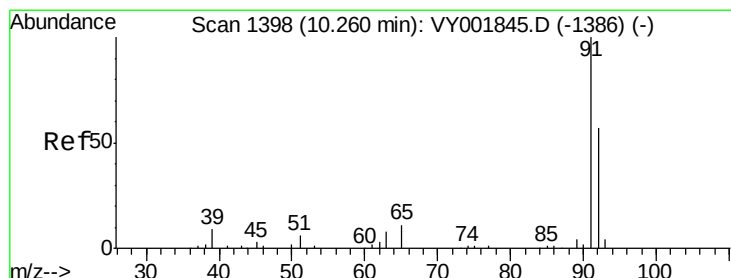
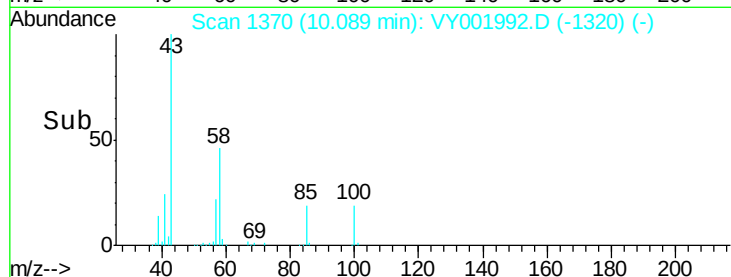
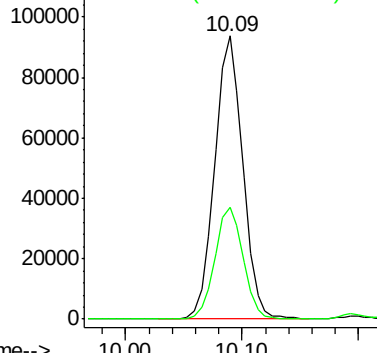
43 100

58 39.9 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.59 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001992.D

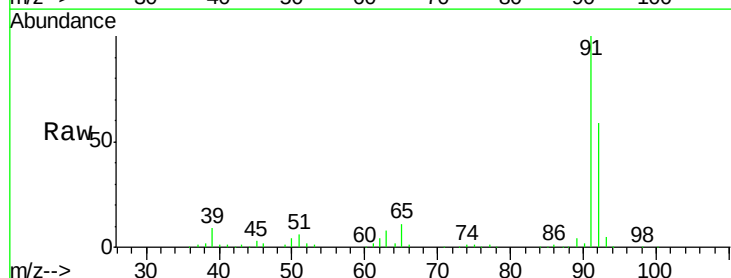
Acq: 17 Mar 2020 11:21

Tgt Ion: 92 Resp: 104072

Ion Ratio Lower Upper

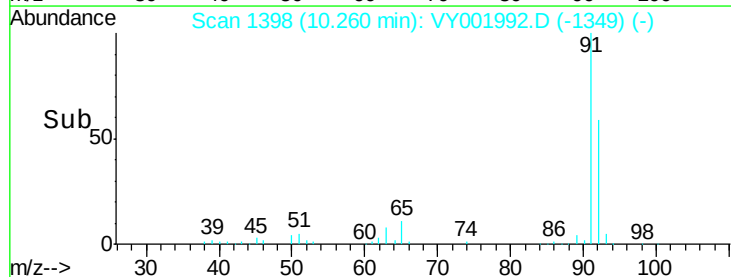
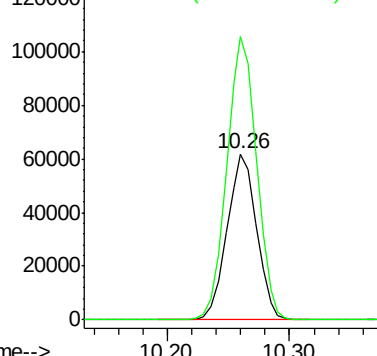
92 100

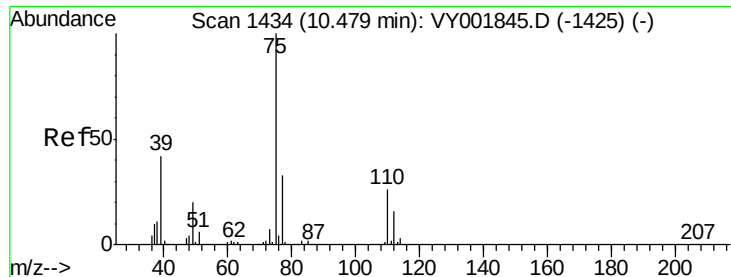
91 172.2 138.6 208.0



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: 20.60 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

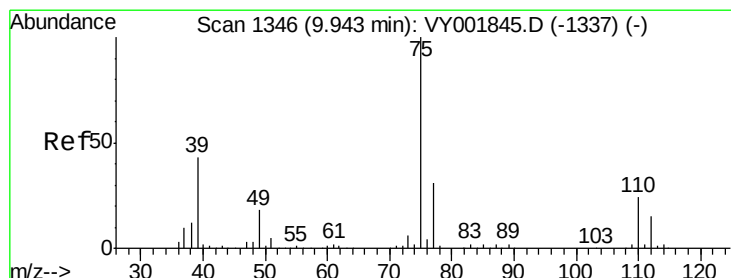
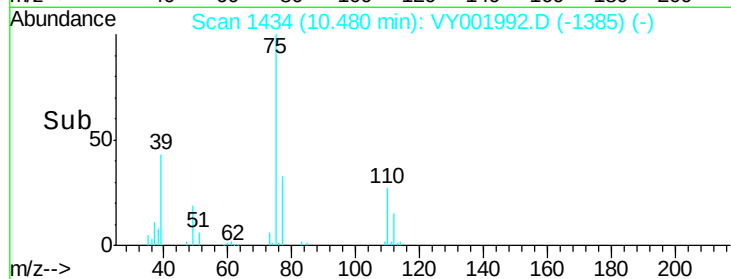
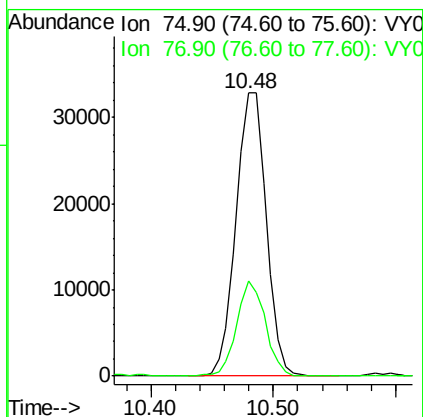
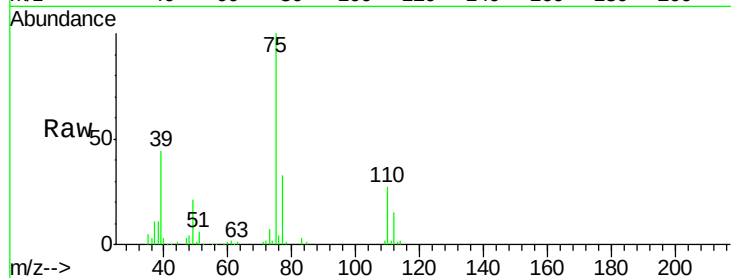
VY0317SBS01

Tgt Ion: 75 Resp: 56290

Ion Ratio Lower Upper

75 100

77 33.5 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.80 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

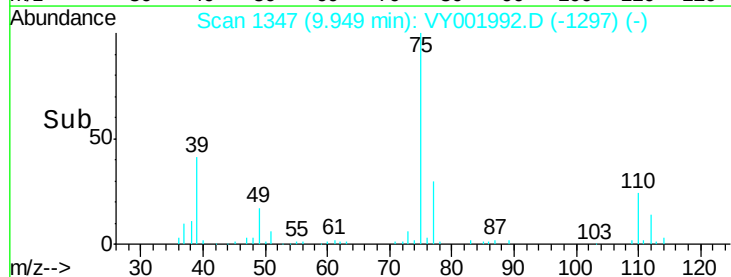
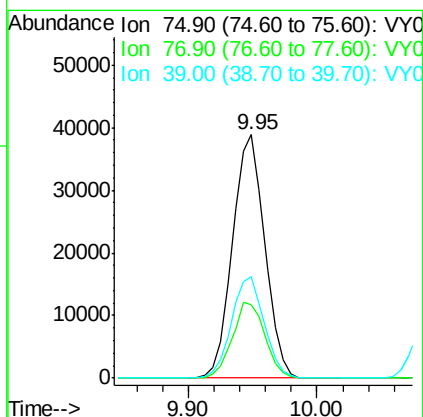
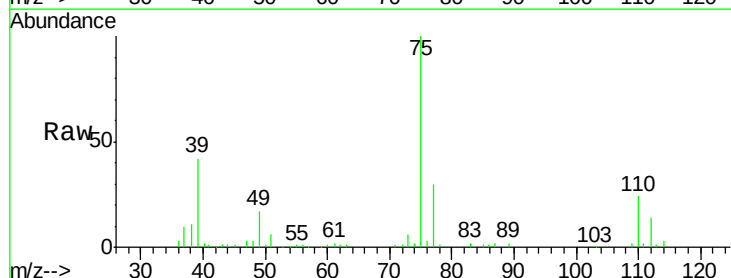
Tgt Ion: 75 Resp: 67657

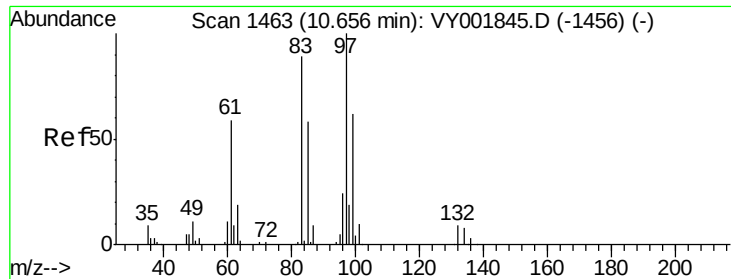
Ion Ratio Lower Upper

75 100

77 30.2 25.1 37.7

39 41.8 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 20.01 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tgt Ion: 97 Resp: 31568

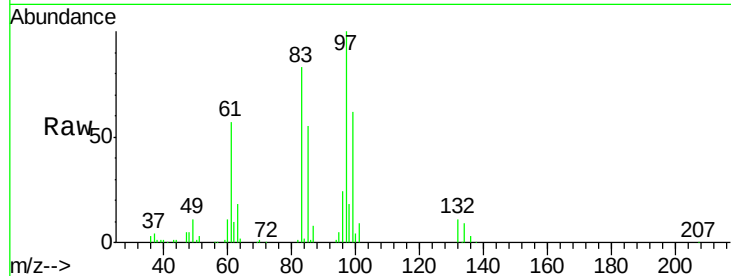
Ion Ratio Lower Upper

97 100

83 83.5 71.6 107.4

85 54.9 46.6 69.8

99 61.9 49.8 74.6

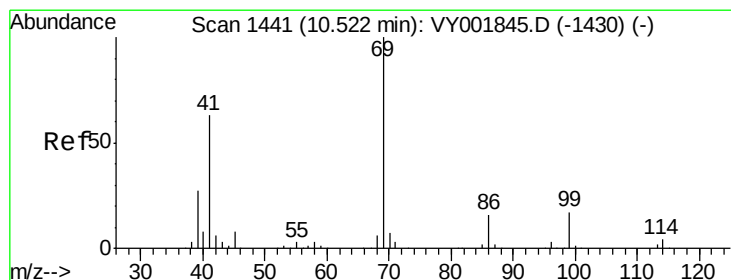
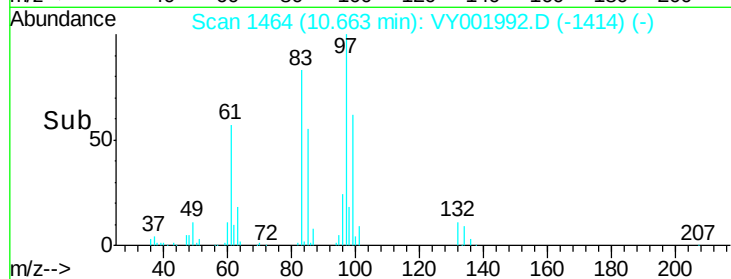
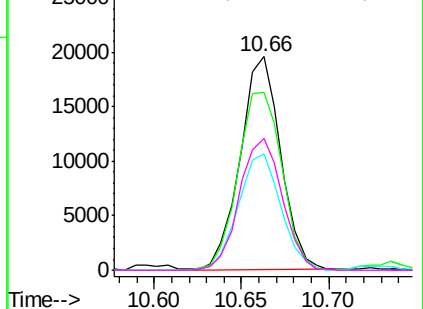


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.31 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

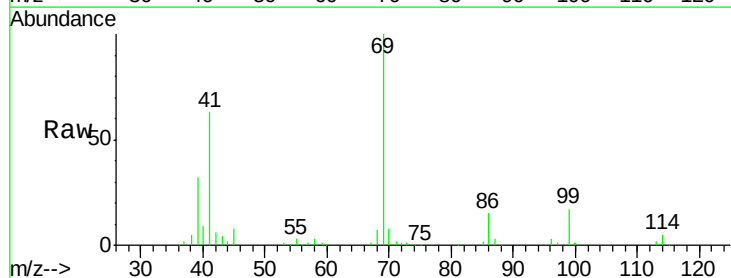
Tgt Ion: 69 Resp: 44642

Ion Ratio Lower Upper

69 100

41 64.1 49.9 74.9

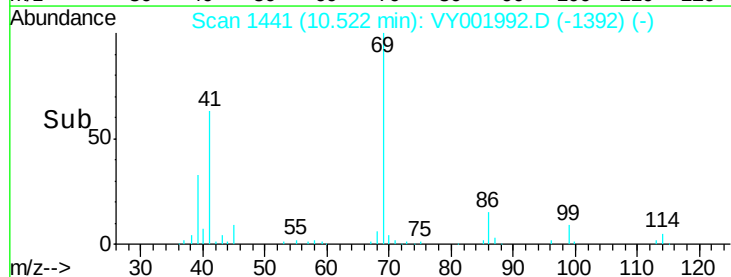
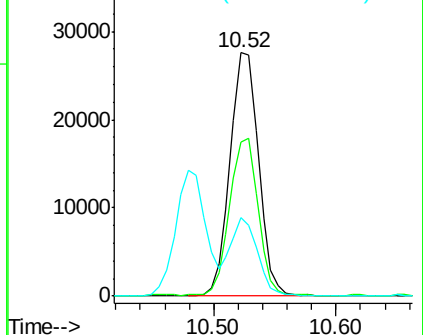
39 31.1 23.0 34.6

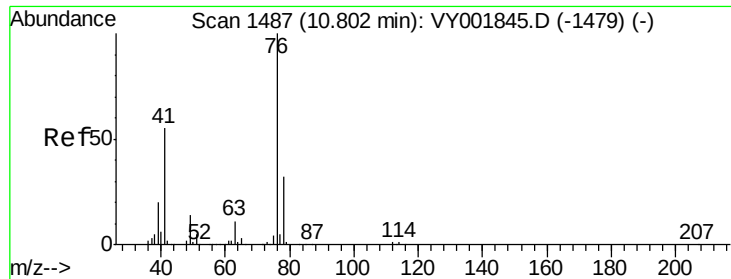


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

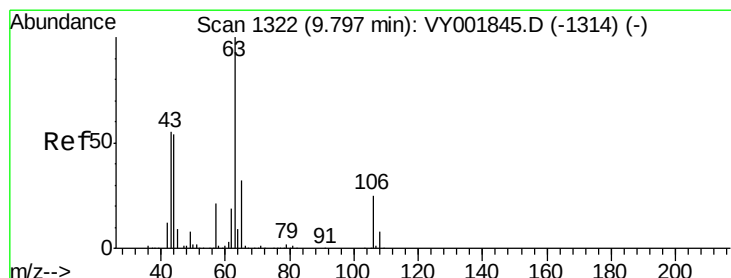
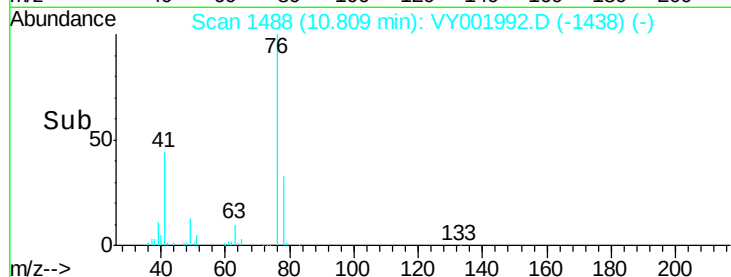
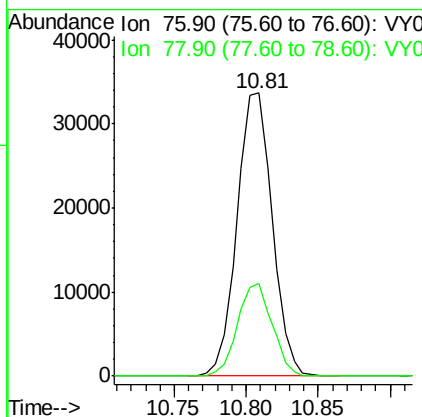
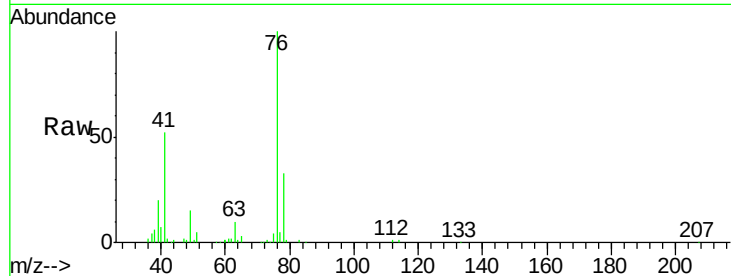




#57
 1,3-Dichloropropane
 Concen: 20.35 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

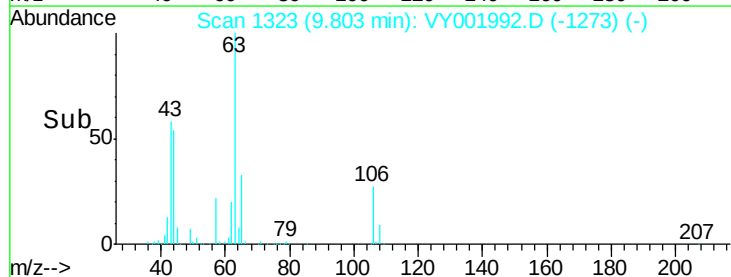
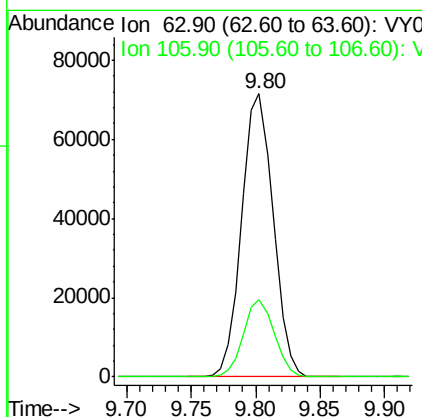
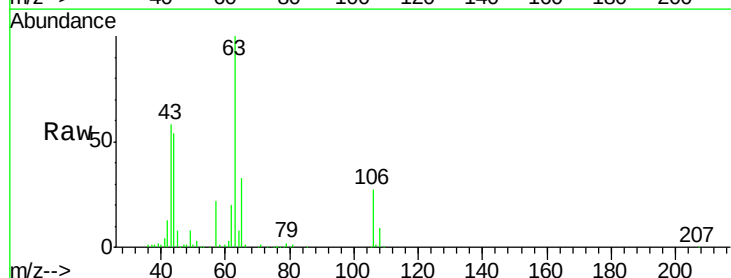
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

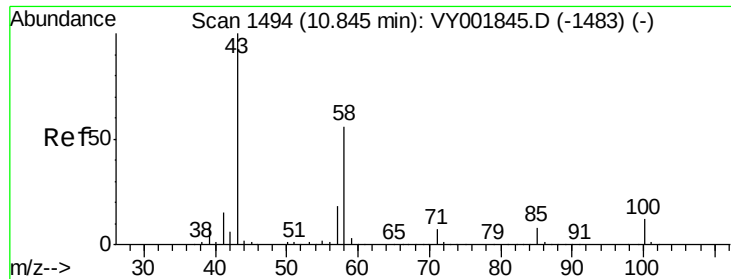
Tgt Ion: 76 Resp: 57218
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 134.58 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion: 63 Resp: 120787
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.3 31.9

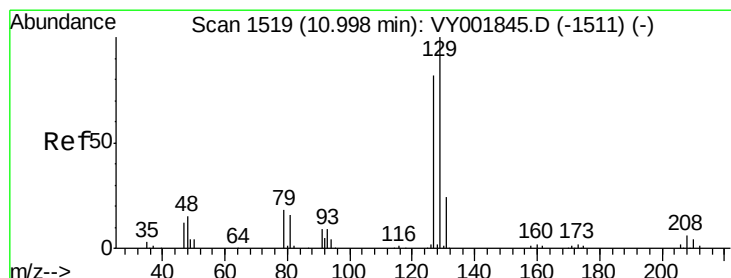
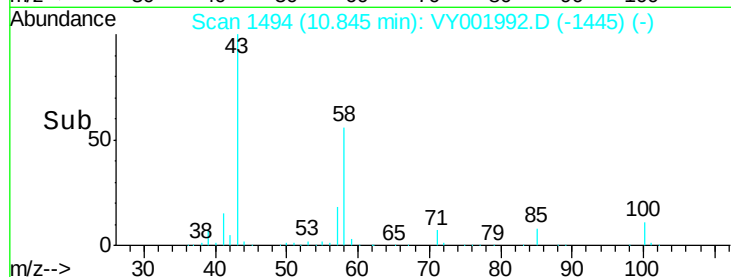
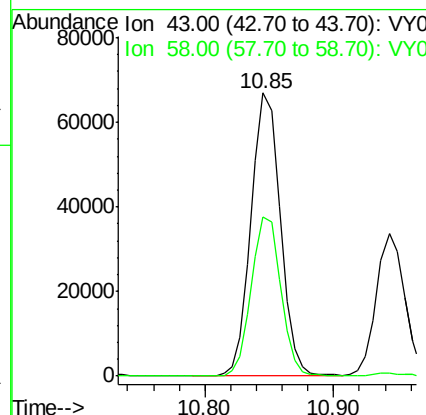
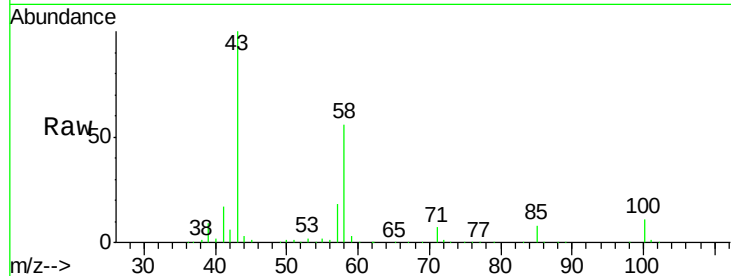




#59
2-Hexanone
Concen: 92.65 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

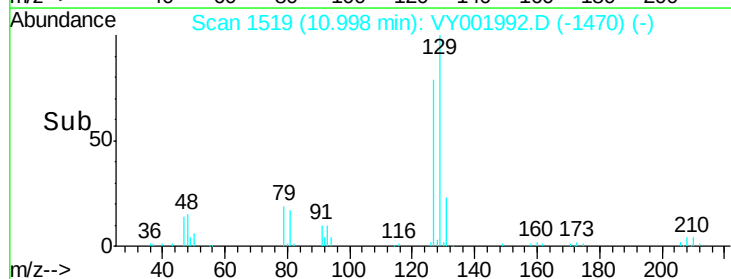
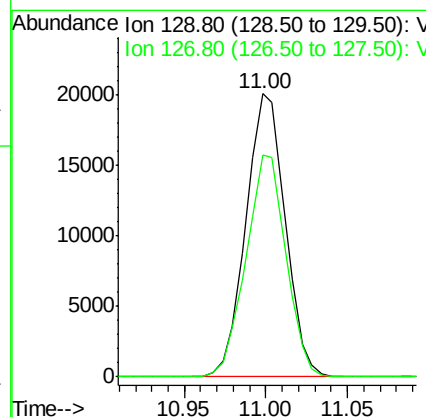
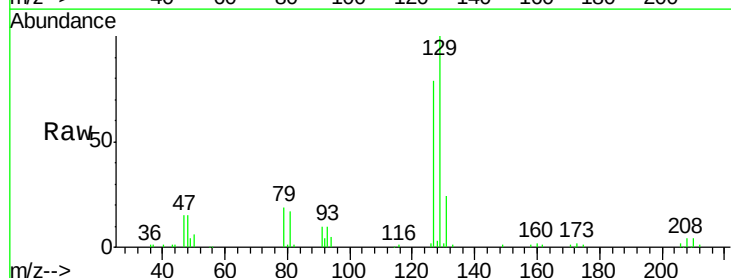
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

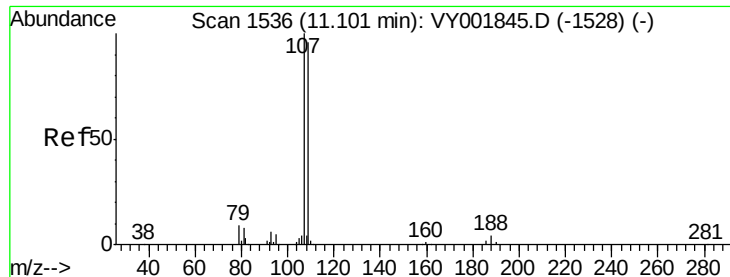
Tgt Ion: 43 Resp: 105227
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 20.30 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 129 Resp: 33749
Ion Ratio Lower Upper
129 100
127 79.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.13 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

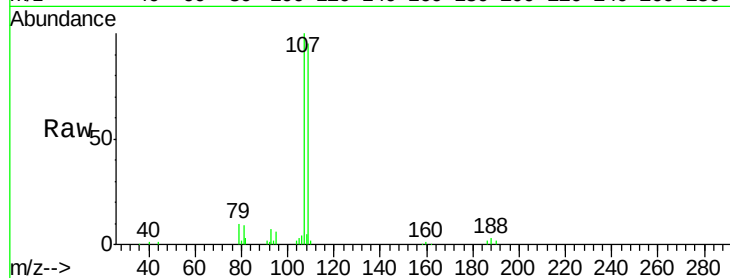
VY0317SBSD01

Tgt Ion: 107 Resp: 30079

Ion Ratio Lower Upper

107 100

109 92.6 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.10

20000

15000

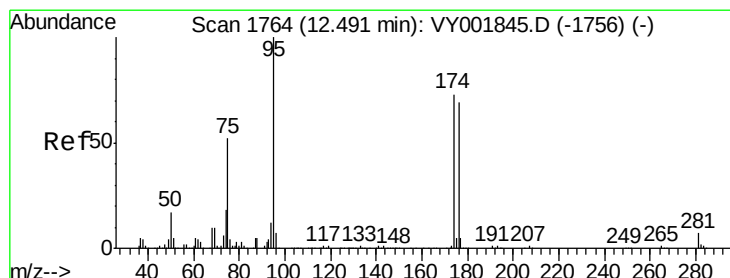
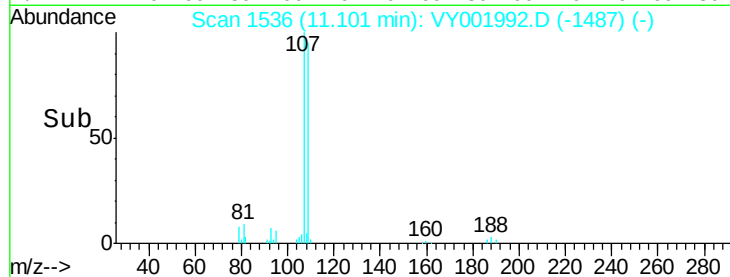
10000

5000

0

Time-->

11.05 11.10 11.15



#62

4-Bromofluorobenzene

Concen: 51.30 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

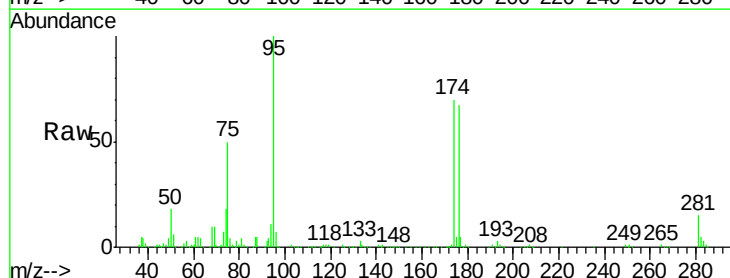
Tgt Ion: 95 Resp: 119833

Ion Ratio Lower Upper

95 100

174 72.8 0.0 145.0

176 70.5 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

100000

80000

60000

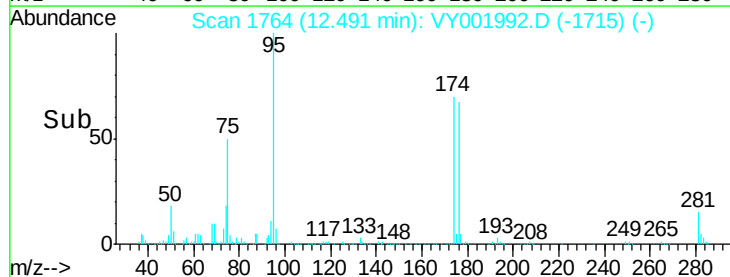
40000

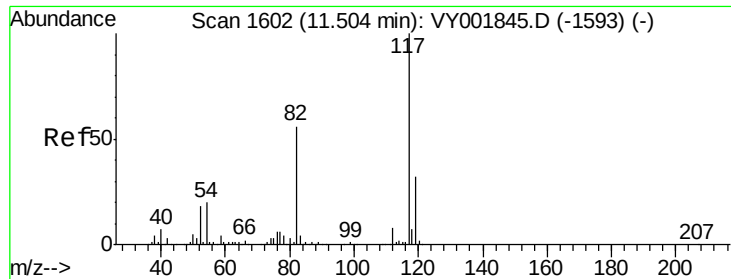
20000

0

Time-->

12.40 12.50

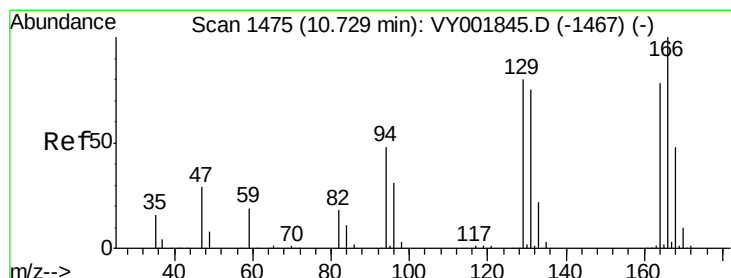
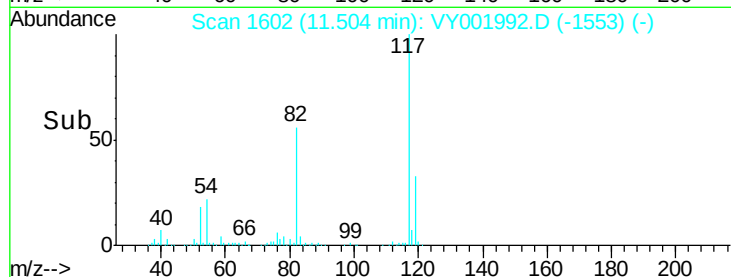
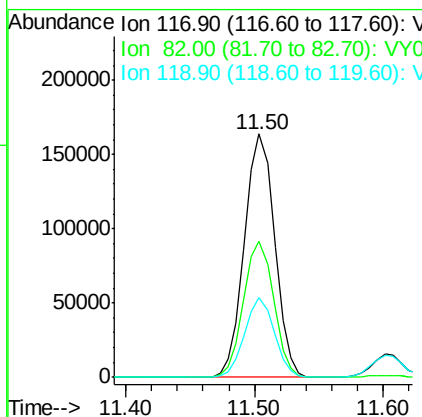
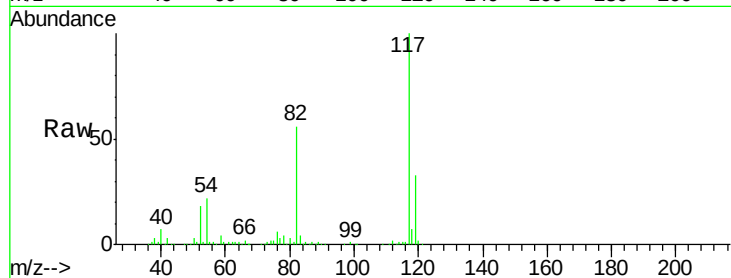




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

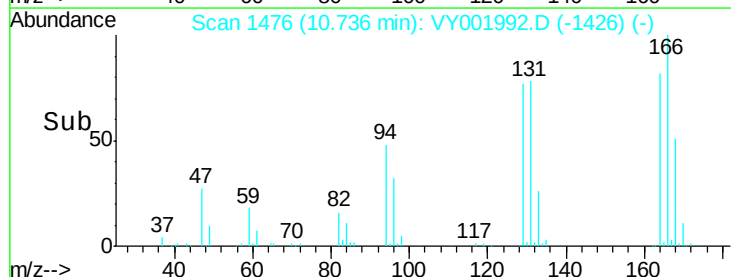
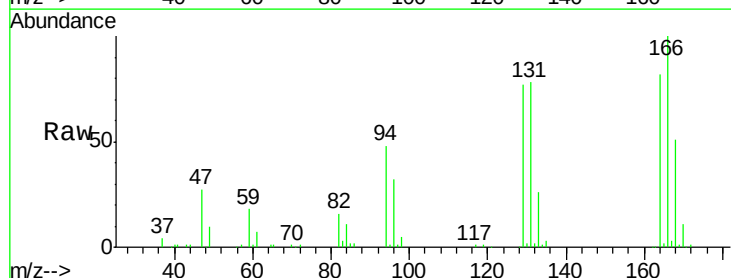
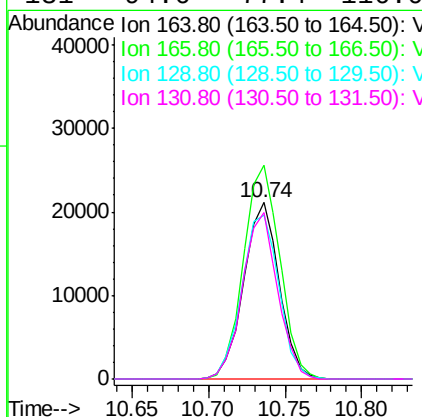
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

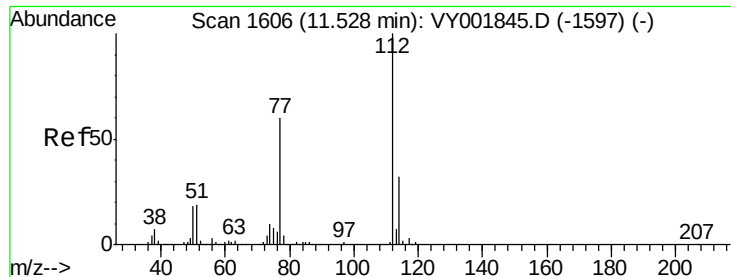
Tgt Ion:117 Resp: 265994
Ion Ratio Lower Upper
117 100
82 56.1 44.5 66.7
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 20.40 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion:164 Resp: 34026
Ion Ratio Lower Upper
164 100
166 121.3 102.6 154.0
129 93.0 82.3 123.5
131 94.6 77.4 116.0

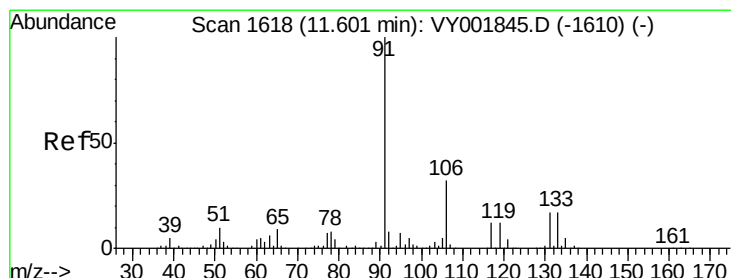
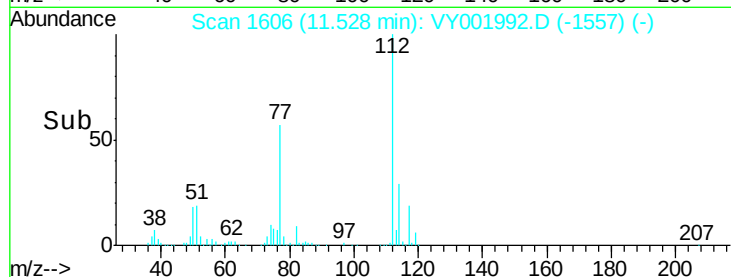
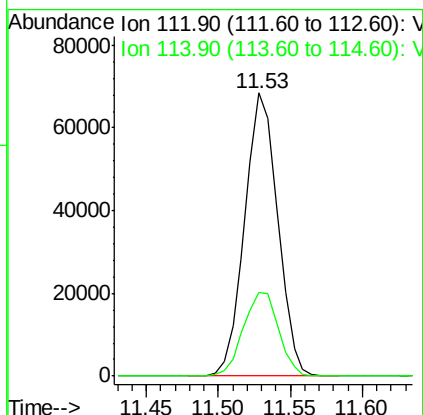
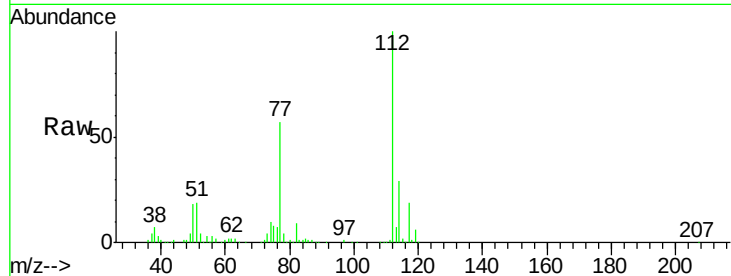




#65
Chlorobenzene
Concen: 20.47 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

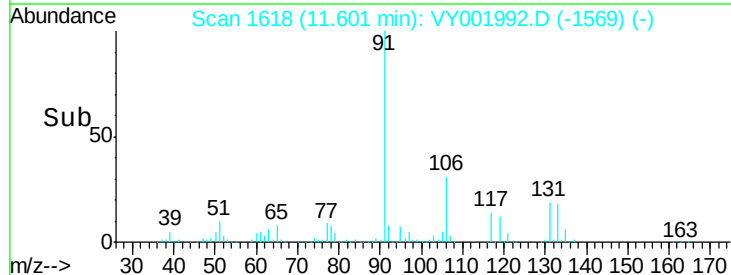
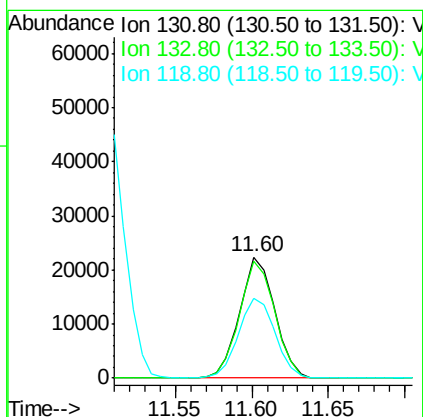
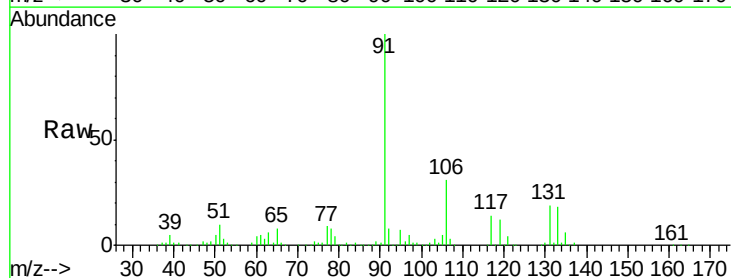
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

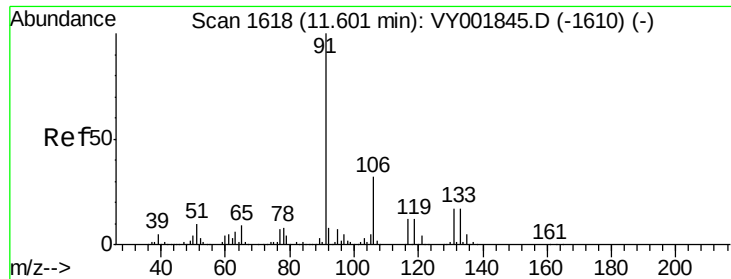
Tgt Ion:112 Resp: 108517
Ion Ratio Lower Upper
112 100
114 29.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.57 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion:131 Resp: 35756
Ion Ratio Lower Upper
131 100
133 97.3 47.1 141.3
119 69.1 34.5 103.6





#67

Ethyl Benzene

Concen: 20.14 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

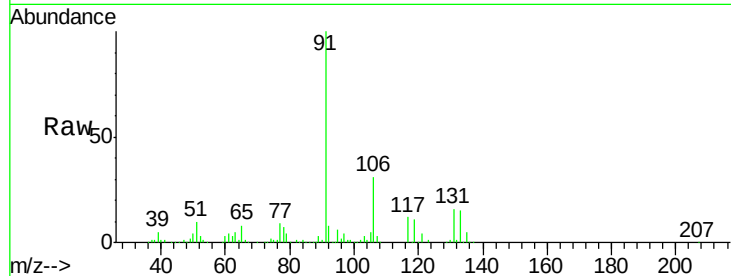
VY0317SBS01

Tgt Ion: 91 Resp: 199074

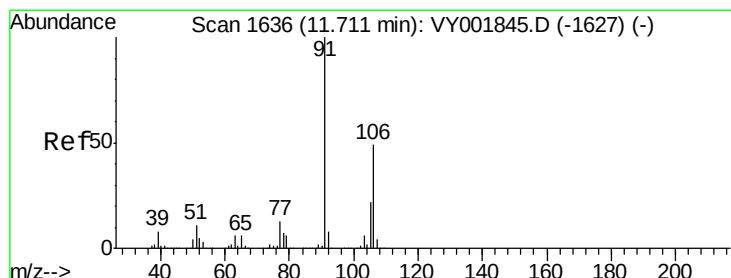
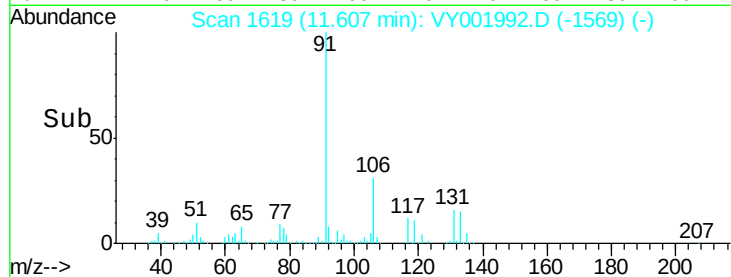
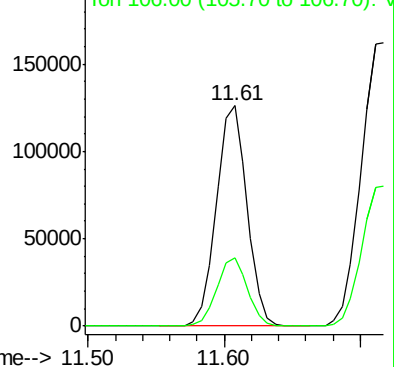
Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1610) (-)



#68

m/p-Xylenes

Concen: 40.95 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001992.D

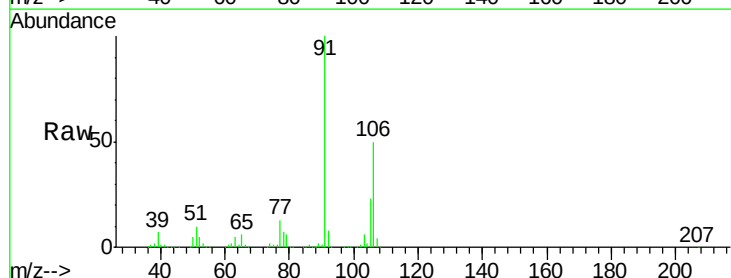
Acq: 17 Mar 2020 11:21

Tgt Ion: 106 Resp: 149652

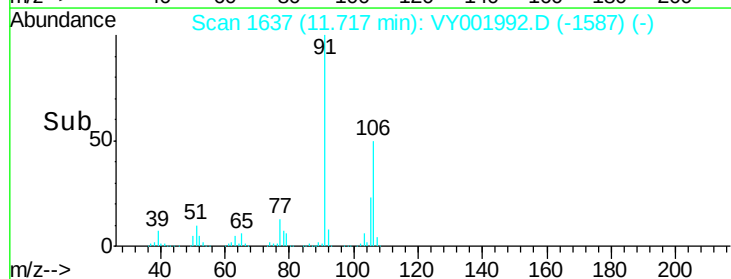
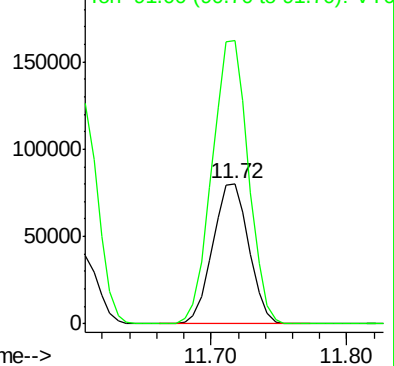
Ion Ratio Lower Upper

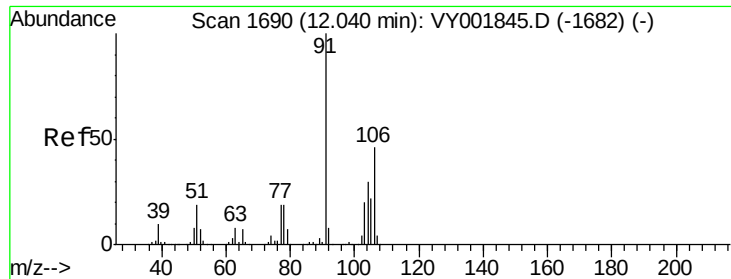
106 100

91 202.4 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): VY001845.D (-1627) (-)

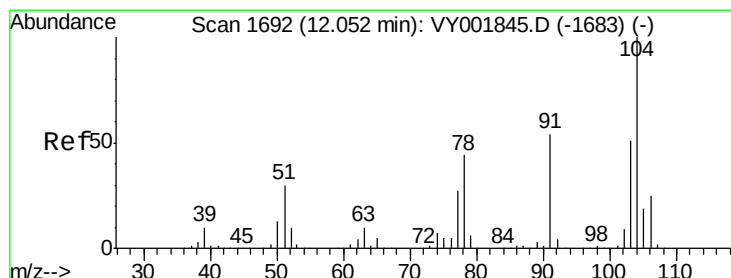
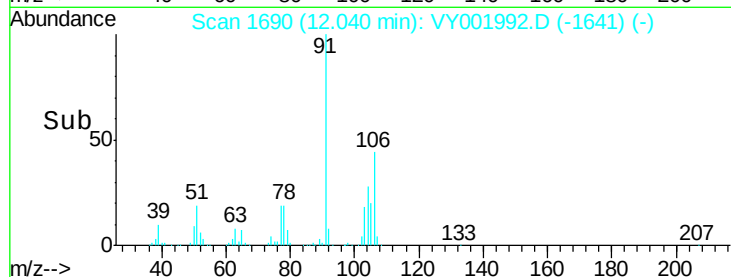
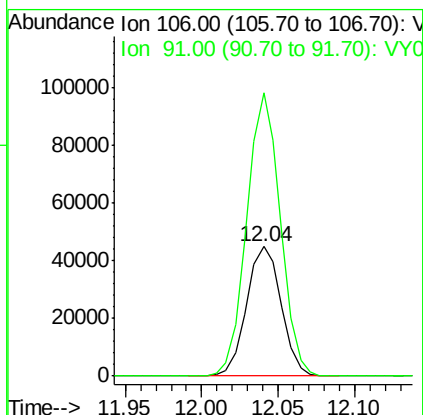
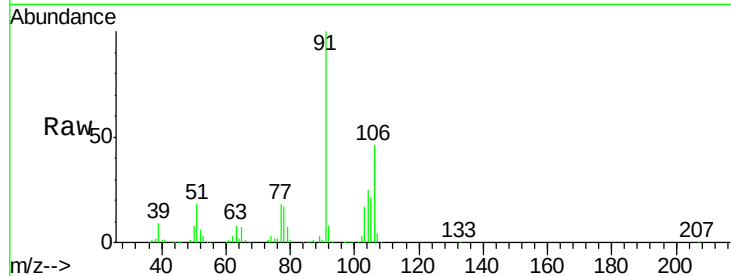




#69
o-Xylene
Concen: 20.46 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

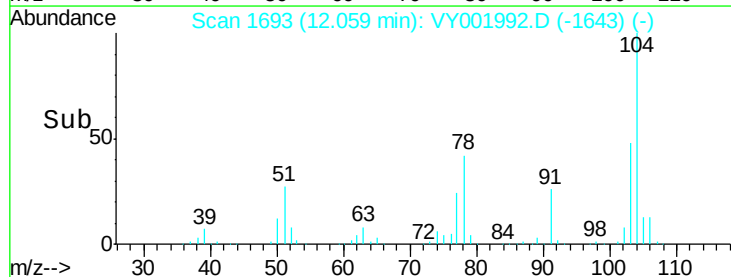
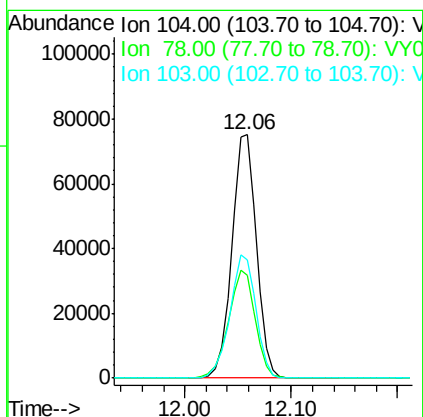
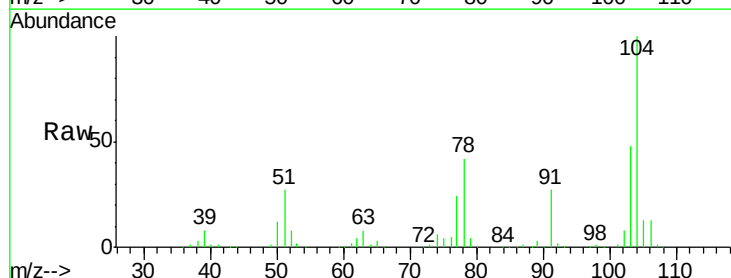
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

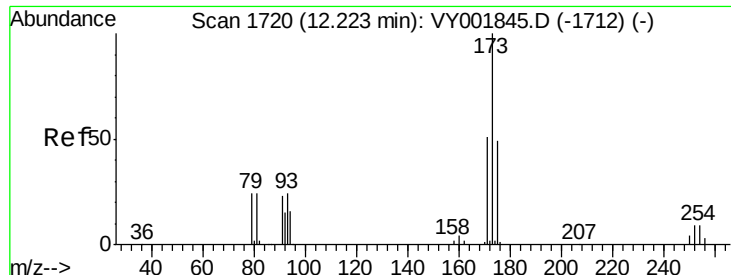
Tgt Ion:106 Resp: 70481
Ion Ratio Lower Upper
106 100
91 212.5 106.8 320.4



#70
Styrene
Concen: 20.60 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion:104 Resp: 121545
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 53.5 42.9 64.3





#71

Bromoform

Concen: 19.31 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

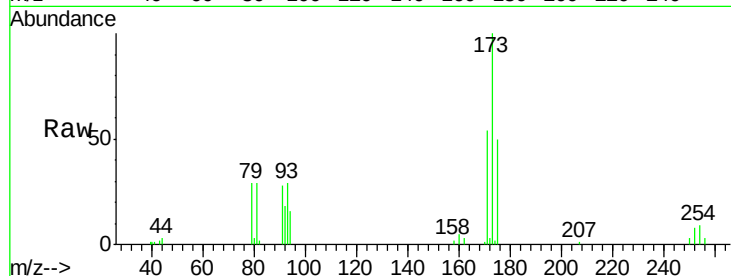
Tgt Ion:173 Resp: 18197

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

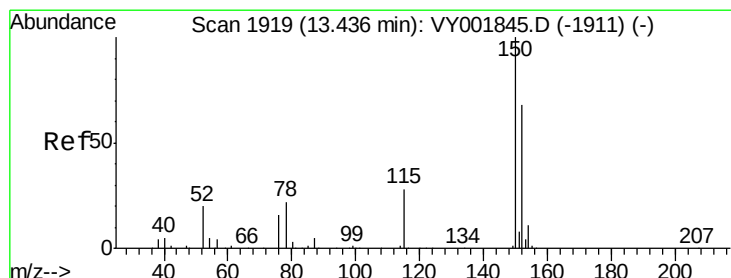
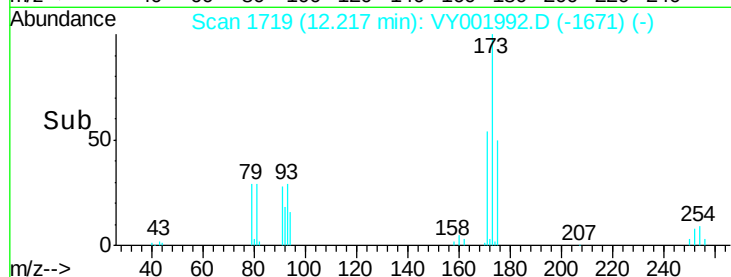
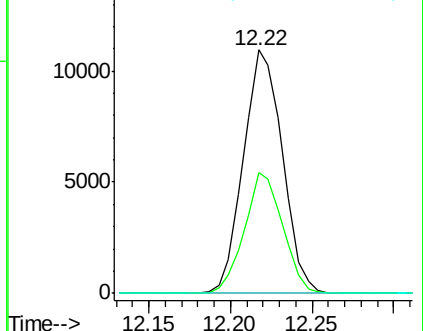
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

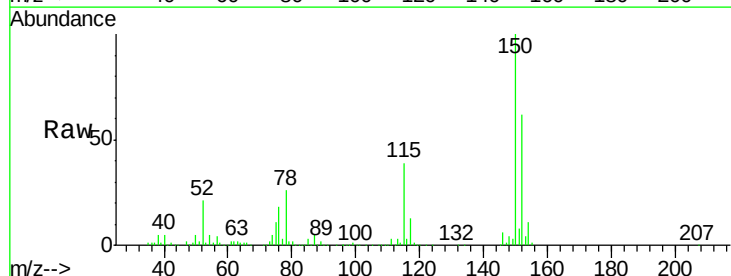
Tgt Ion:152 Resp: 123999

Ion Ratio Lower Upper

152 100

115 62.3 29.9 89.7

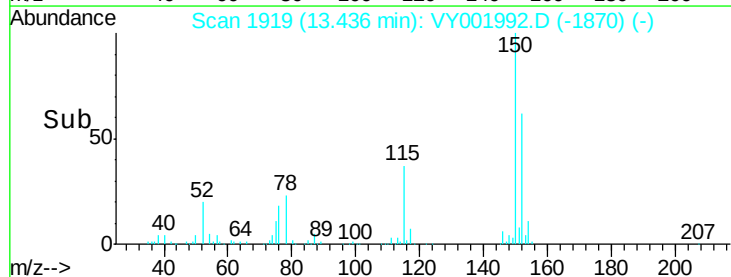
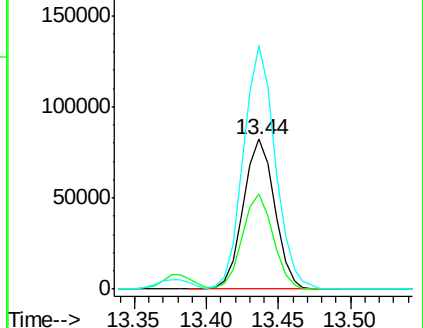
150 165.0 0.0 340.6

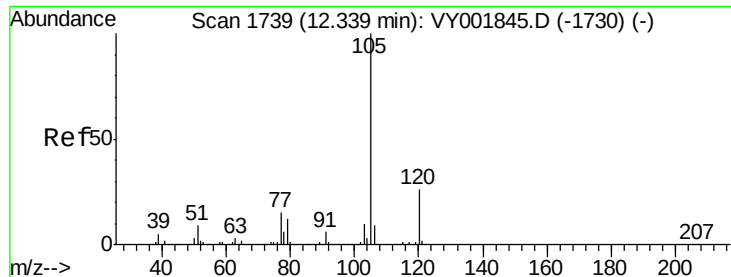


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.85 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

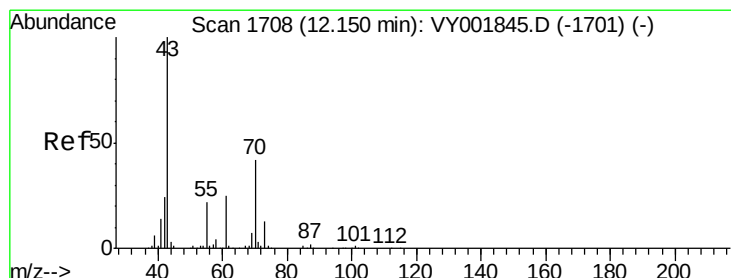
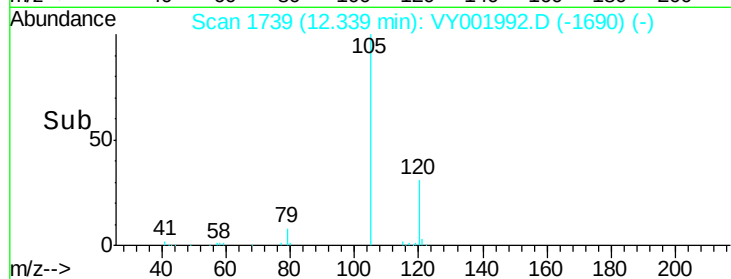
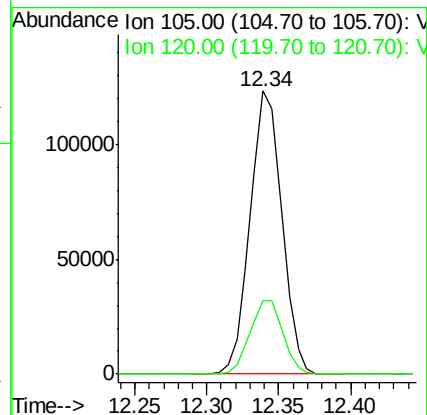
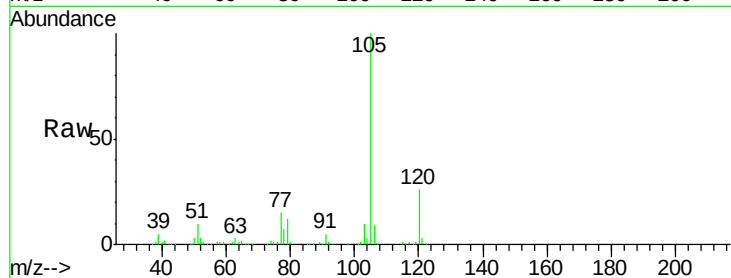
VY0317SBS01

Tgt Ion:105 Resp: 187867

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.3



#74

N-ethyl acetate

Concen: 18.57 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Tgt Ion: 43 Resp: 54022

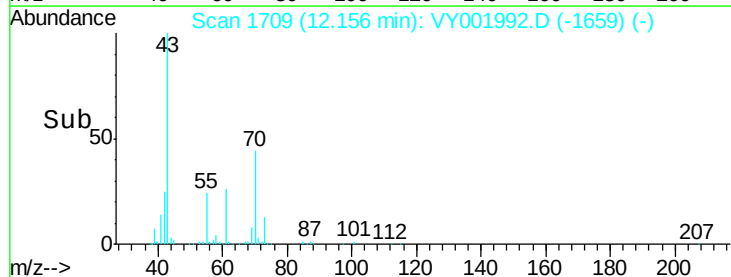
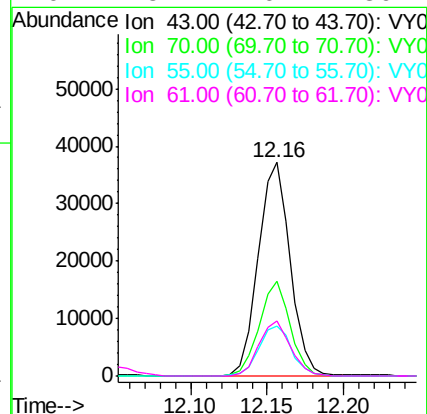
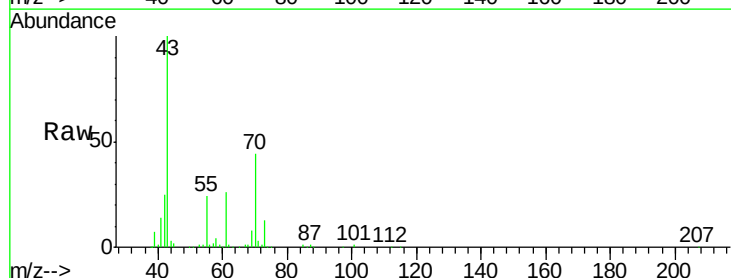
Ion Ratio Lower Upper

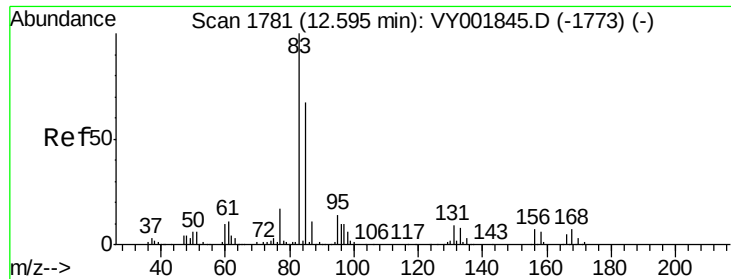
43 100

70 42.9 34.7 52.1

55 24.1 18.2 27.4

61 25.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.81 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

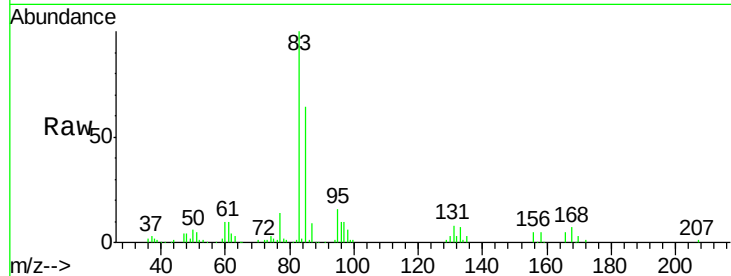
Tgt Ion: 83 Resp: 38393

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

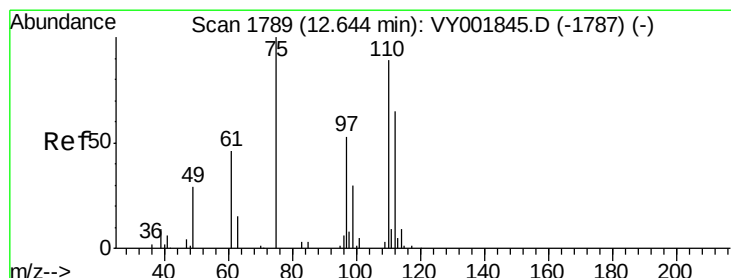
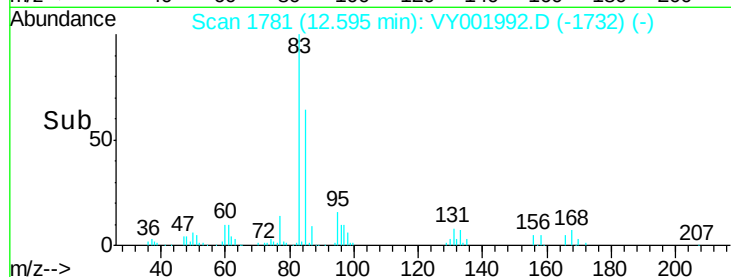
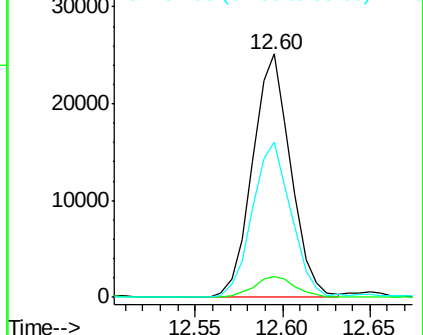
85 66.0 32.1 96.3



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: 34.51 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001992.D

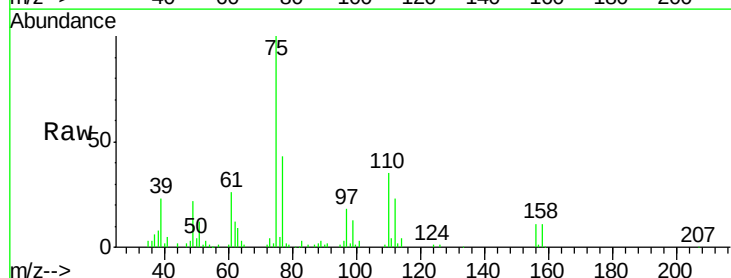
Acq: 17 Mar 2020 11:21

Tgt Ion: 75 Resp: 50774

Ion Ratio Lower Upper

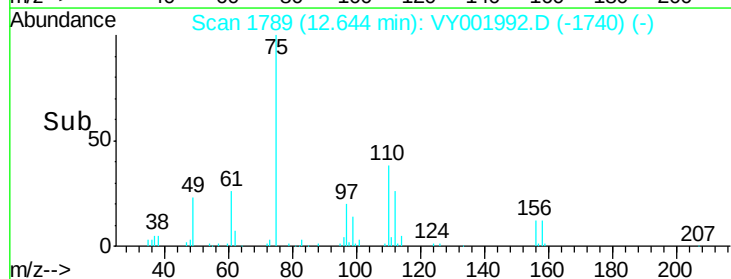
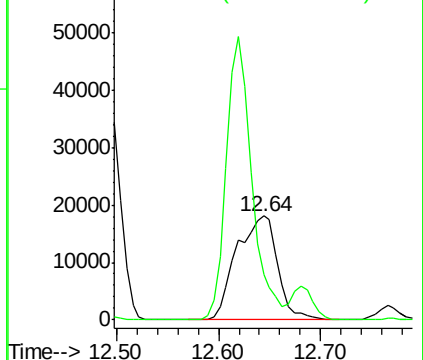
75 100

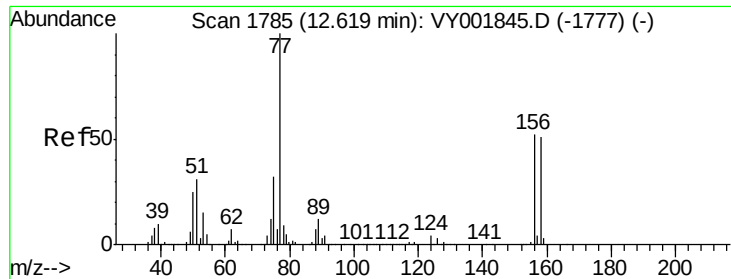
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.23 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

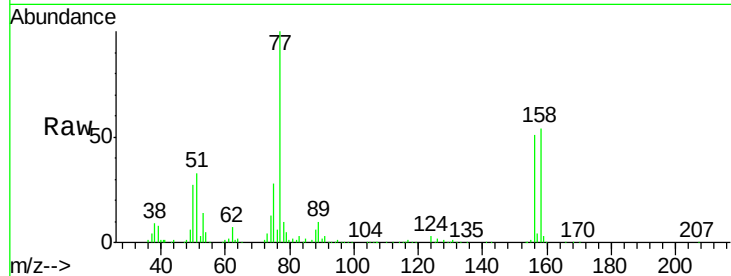
Tgt Ion:156 Resp: 40563

Ion Ratio Lower Upper

156 100

77 211.2 109.0 327.0

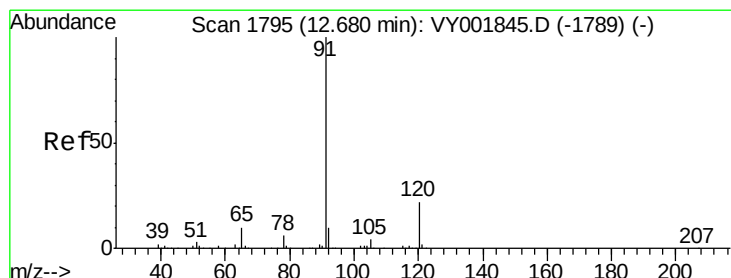
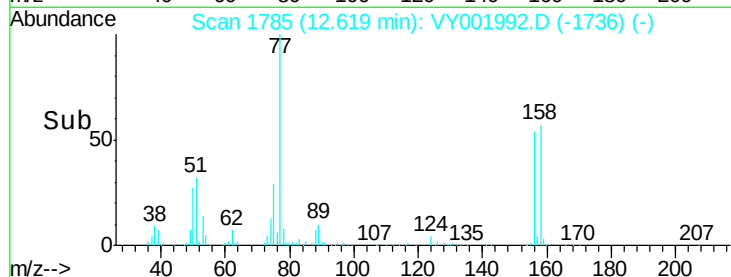
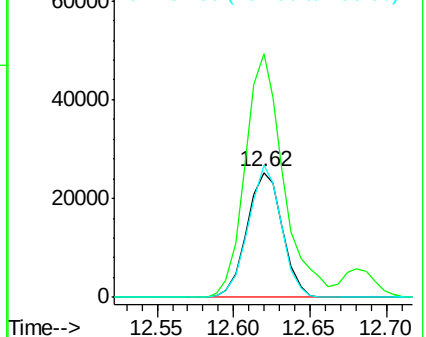
158 98.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.10 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001992.D

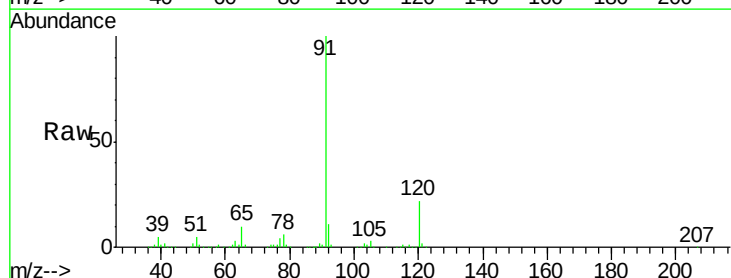
Acq: 17 Mar 2020 11:21

Tgt Ion: 91 Resp: 234706

Ion Ratio Lower Upper

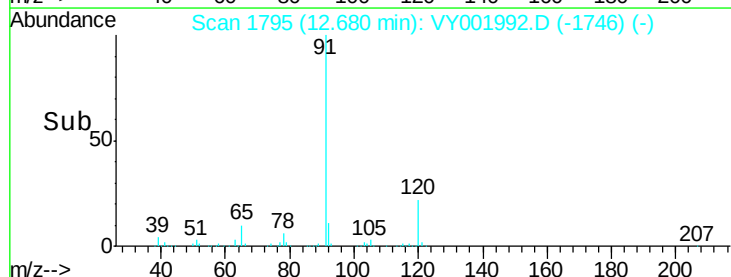
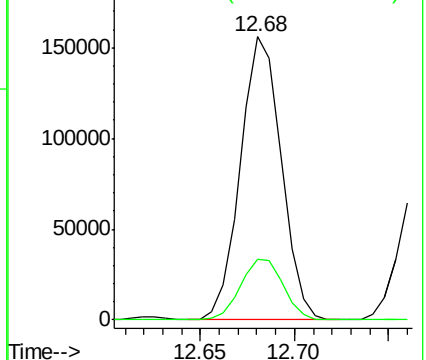
91 100

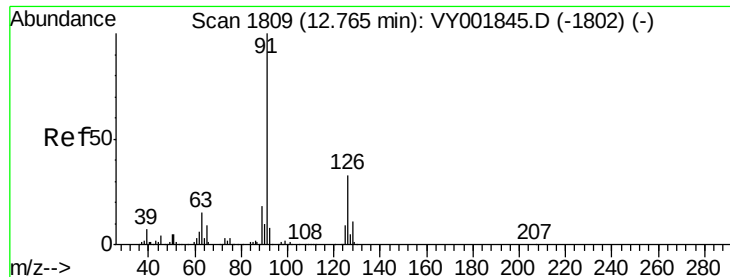
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.25 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

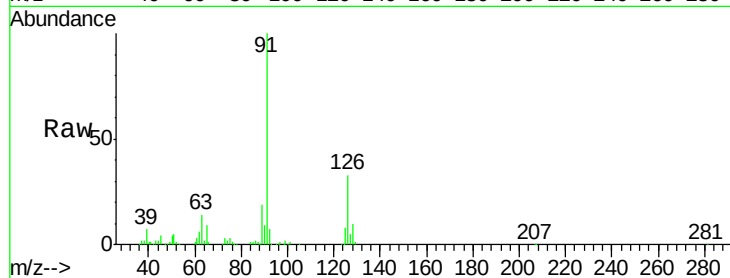
VY0317SBS01

Tgt Ion: 91 Resp: 130664

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

150000

100000

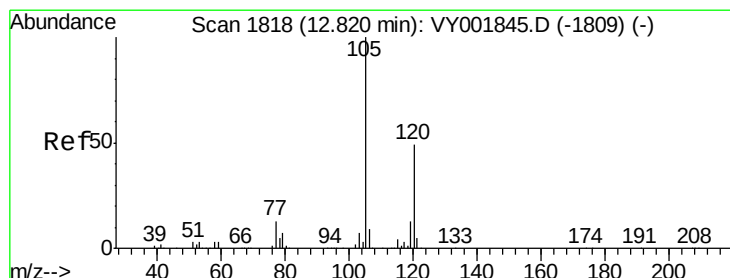
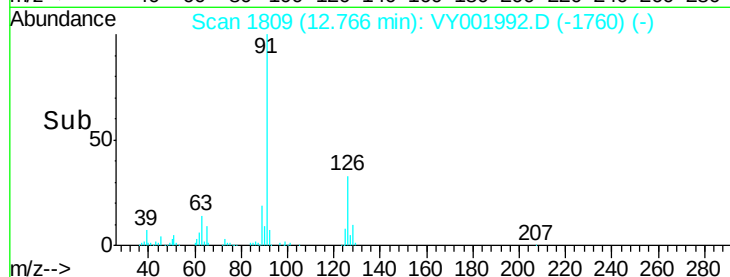
50000

0

12.70 12.75 12.80

12.77

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.46 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001992.D

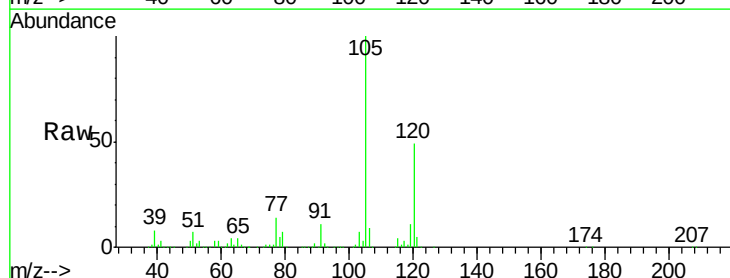
Acq: 17 Mar 2020 11:21

Tgt Ion: 105 Resp: 159438

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

120000

100000

80000

60000

40000

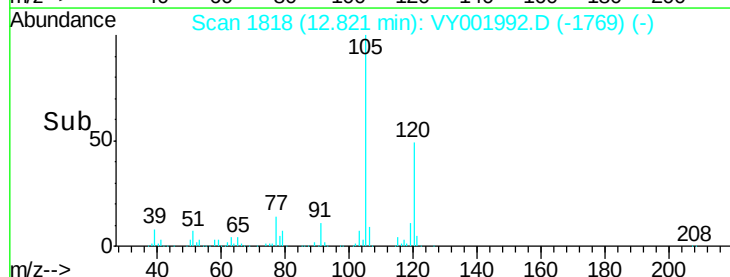
20000

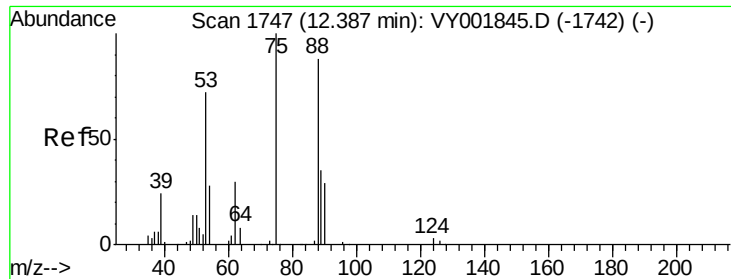
0

12.75 12.80 12.85 12.90

12.82

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.20 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBSD01

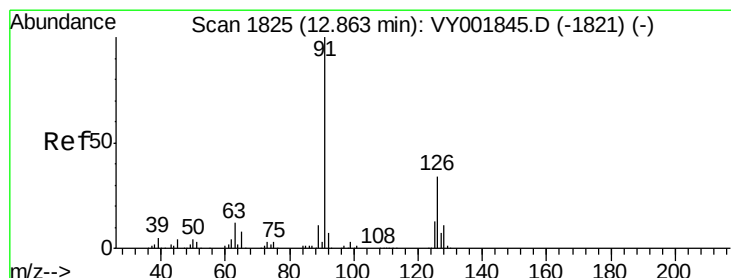
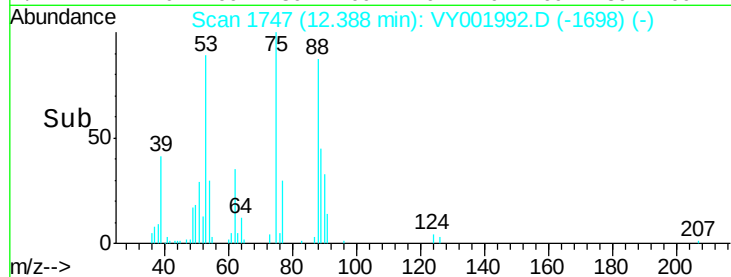
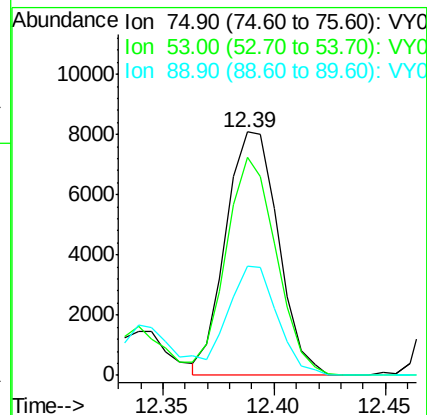
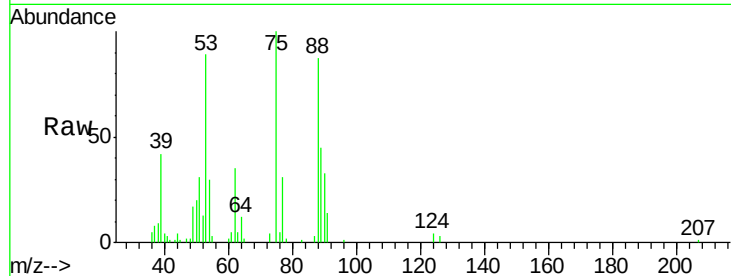
Tgt Ion: 75 Resp: 13256

Ion Ratio Lower Upper

75 100

53 87.0 65.4 98.0

89 41.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.65 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001992.D

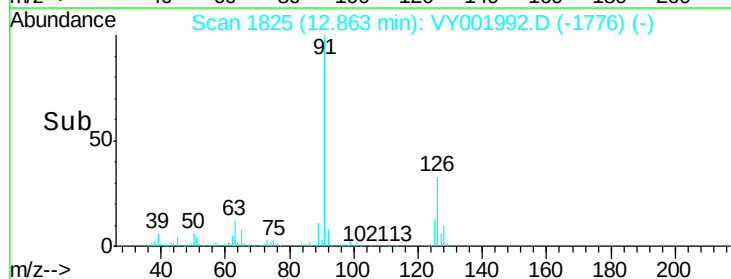
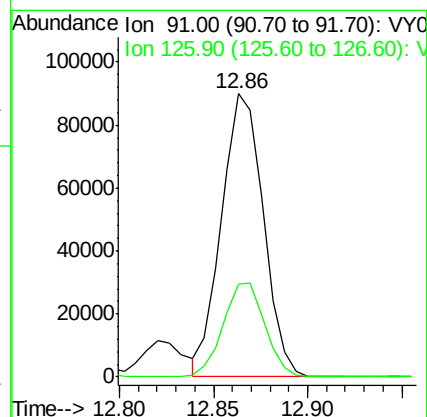
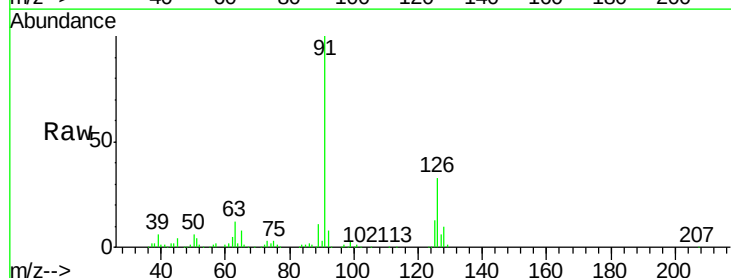
Acq: 17 Mar 2020 11:21

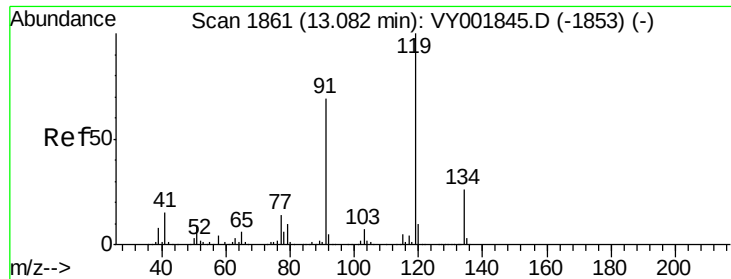
Tgt Ion: 91 Resp: 138719

Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.2

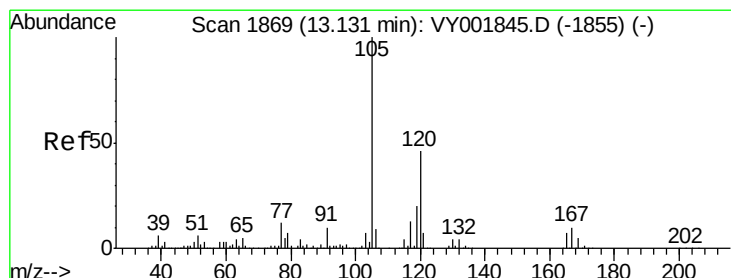
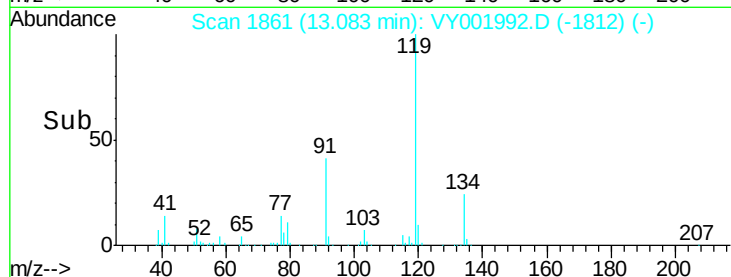
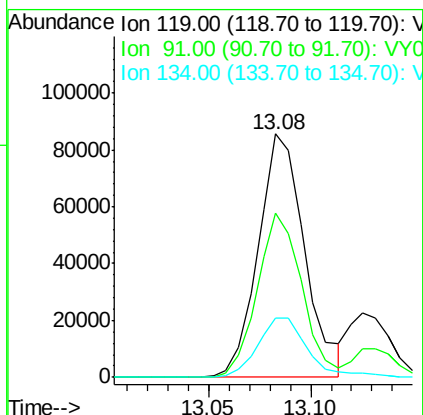
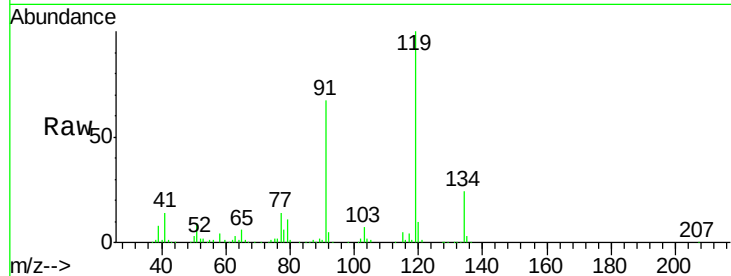




#83
 tert-Butylbenzene
 Concen: 20.98 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

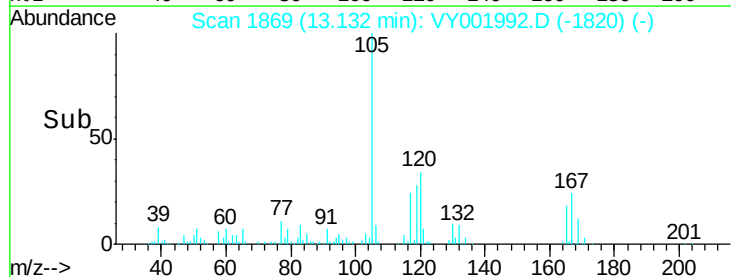
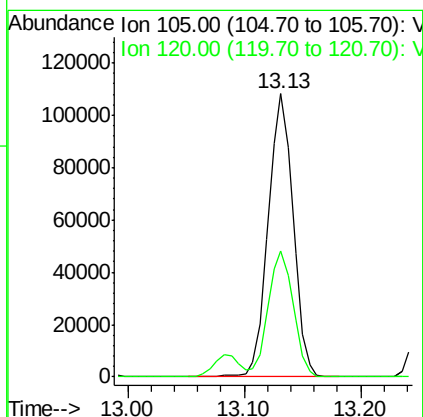
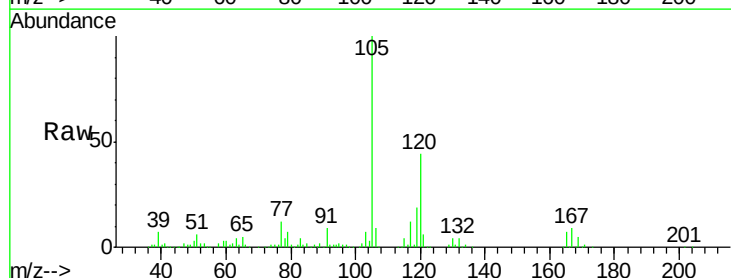
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

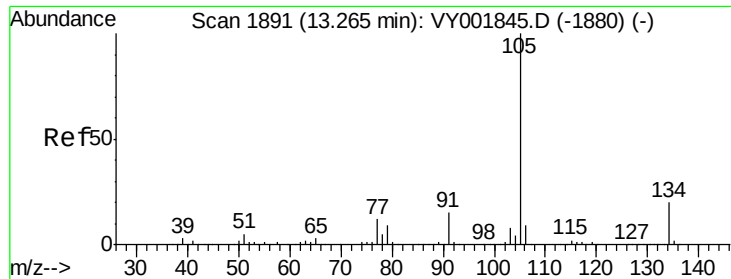
Tgt Ion:119 Resp: 135809
 Ion Ratio Lower Upper
 119 100
 91 64.7 34.0 101.8
 134 26.5 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.62 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion:105 Resp: 159439
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.41 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

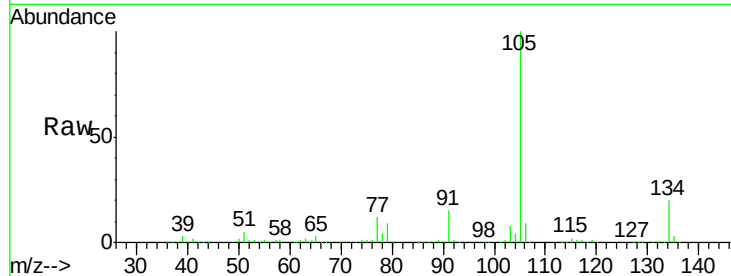
VY0317SBS01

Tgt Ion:105 Resp: 194691

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

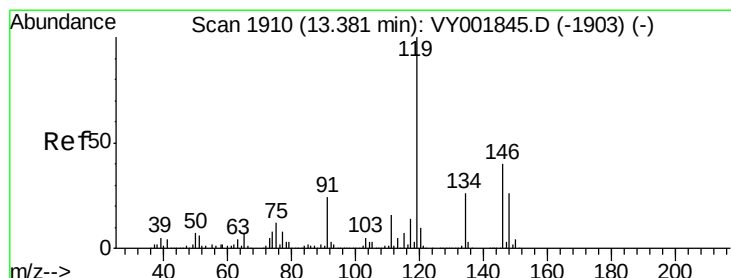
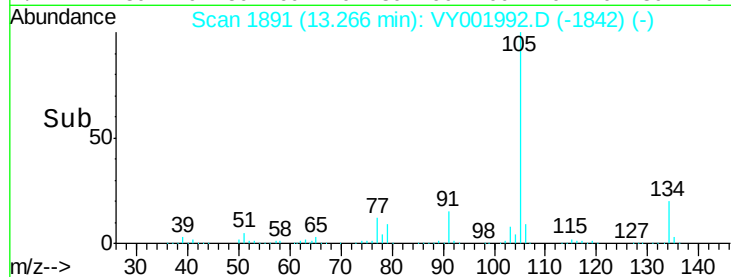
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.87 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

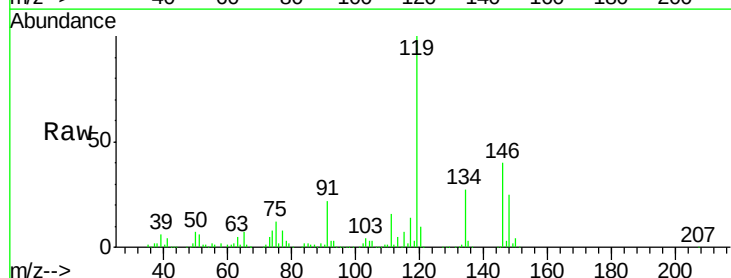
Tgt Ion:119 Resp: 171782

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.2 11.9 35.7



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

13.38

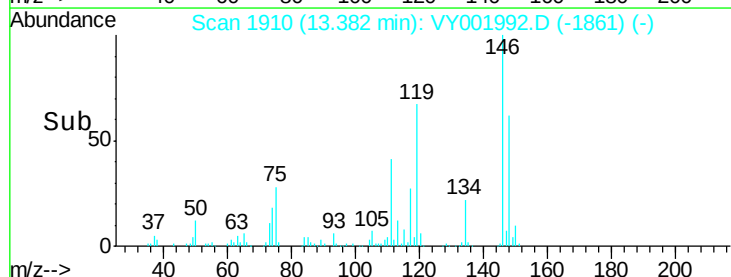
150000

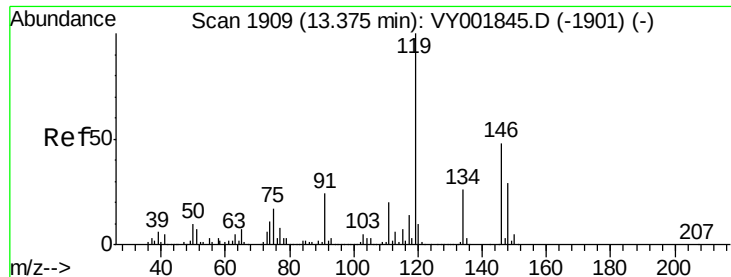
100000

50000

0

Time-->

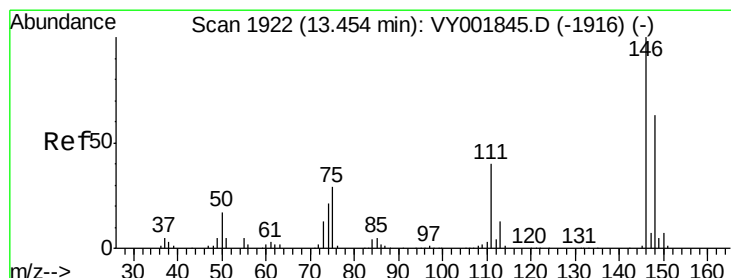
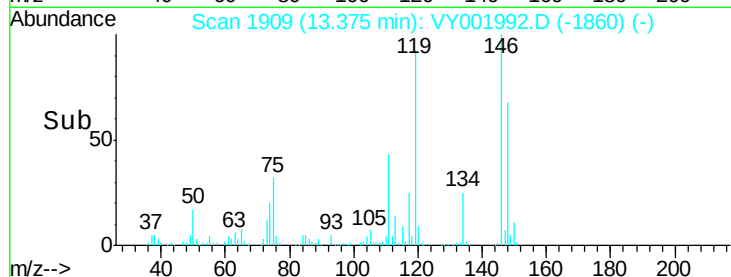
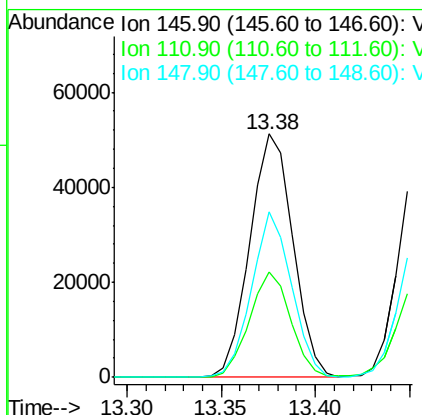
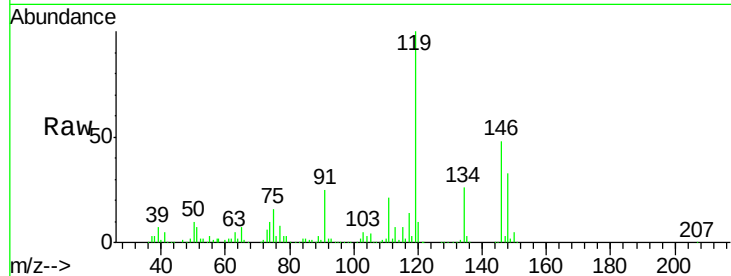




#87
 1,3-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

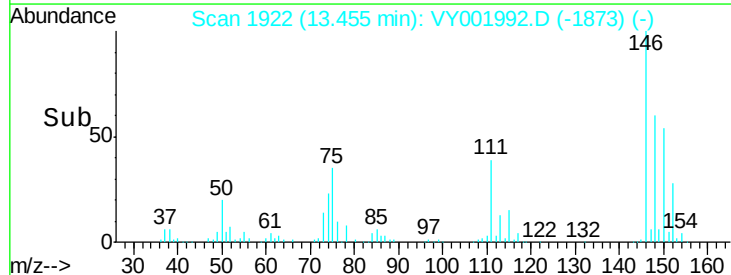
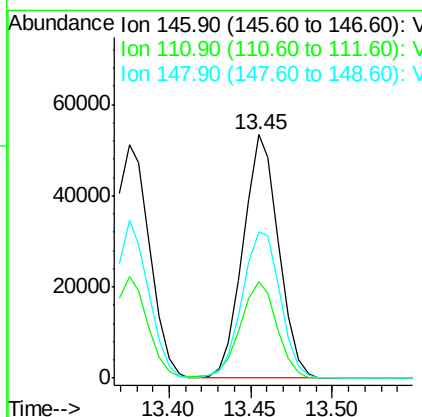
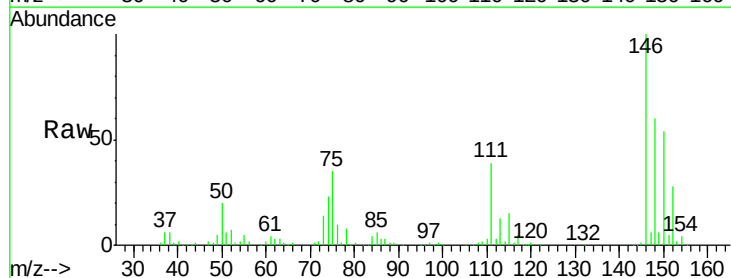
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

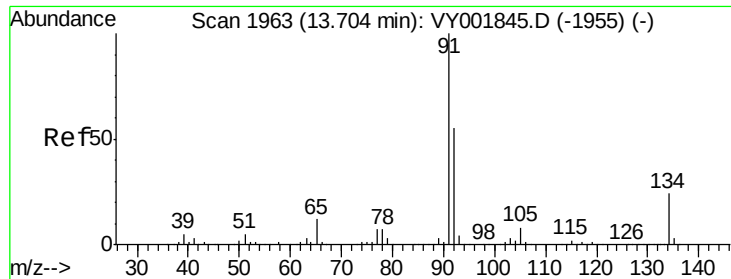
Tgt Ion:146 Resp: 81096
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 63.1 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 20.34 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion:146 Resp: 81080
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 64.2 31.5 94.5

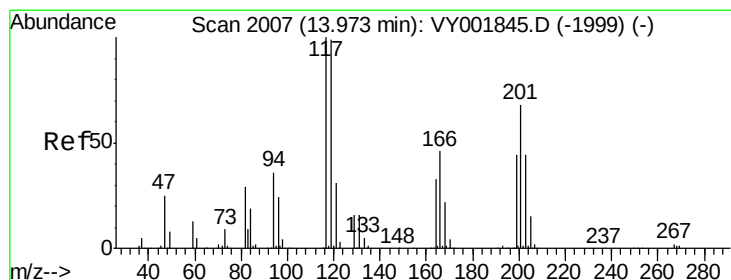
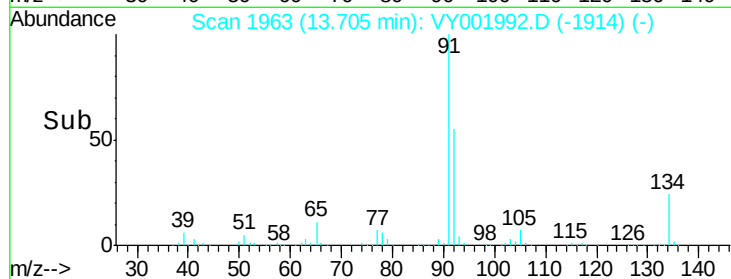
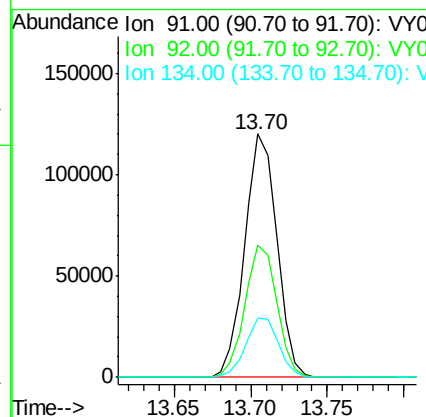
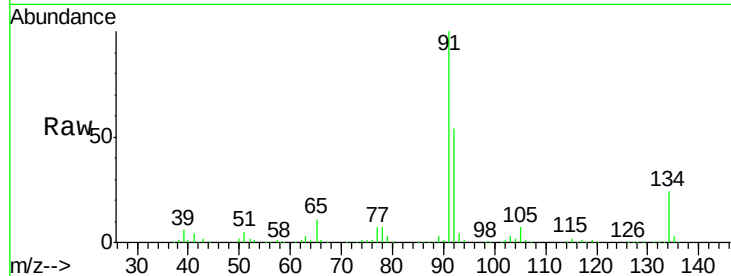




#89
n-Butylbenzene
Concen: 20.56 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

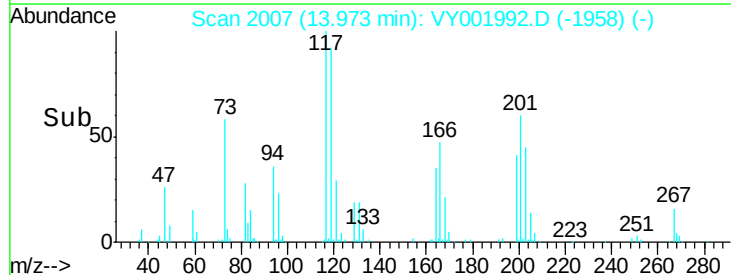
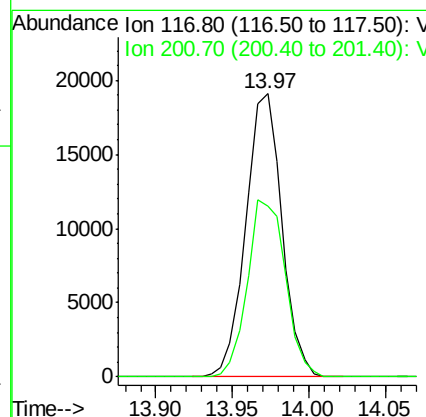
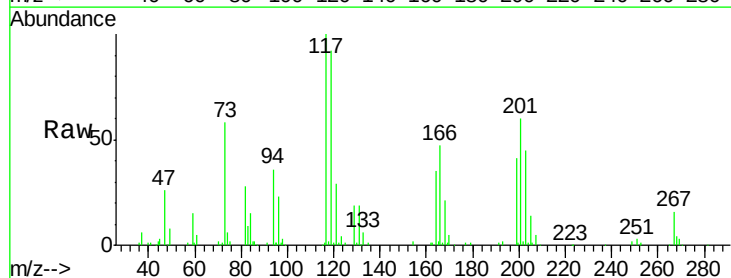
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

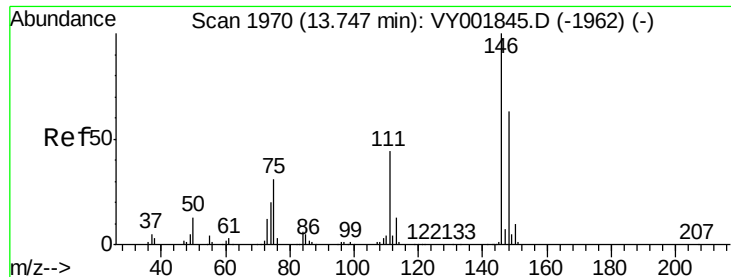
Tgt Ion: 91 Resp: 17511
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 24.9 12.5 37.5



#90
Hexachloroethane
Concen: 20.15 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 117 Resp: 31290
Ion Ratio Lower Upper
117 100
201 65.9 32.5 97.5

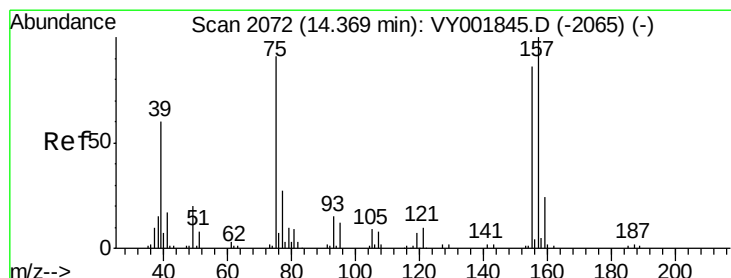
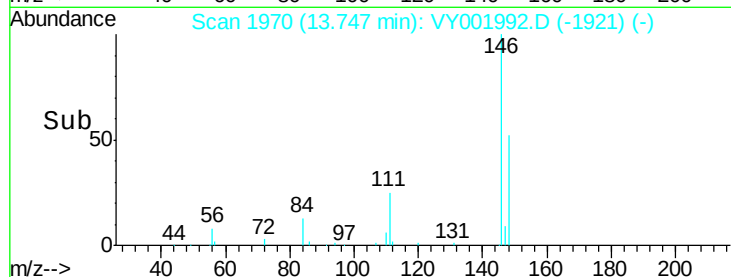
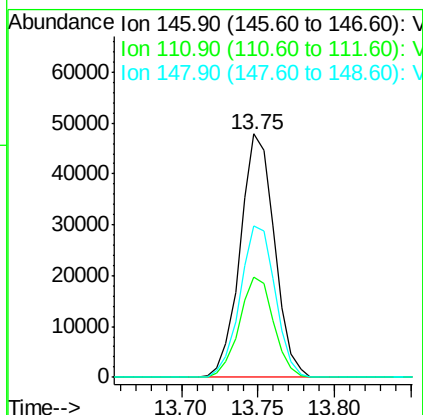
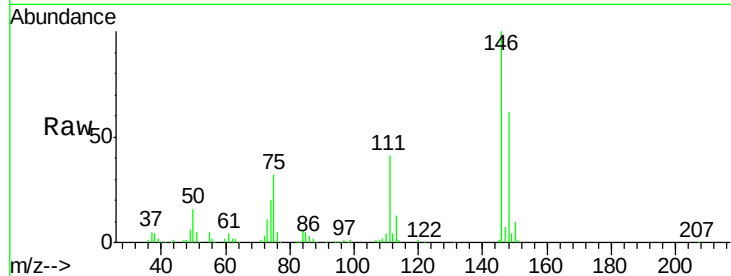




#91
 1,2-Dichlorobenzene
 Concen: 20.80 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

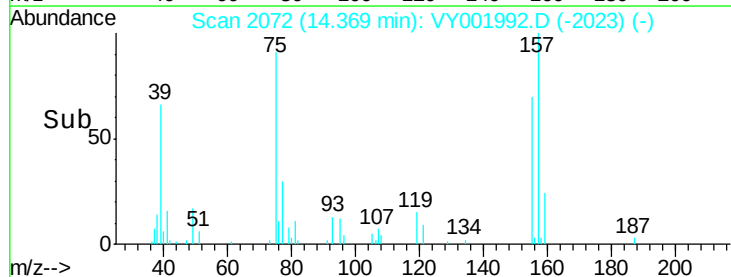
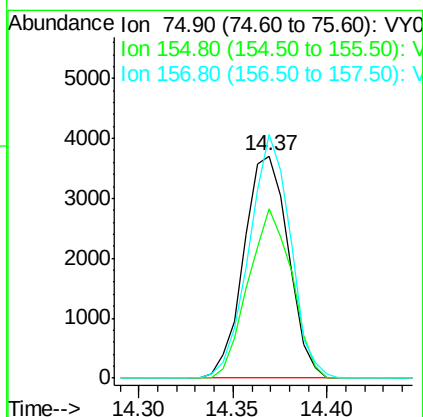
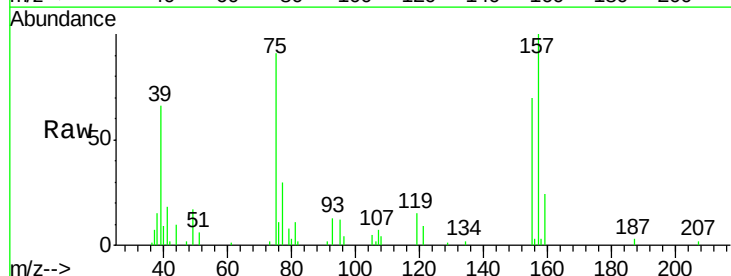
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

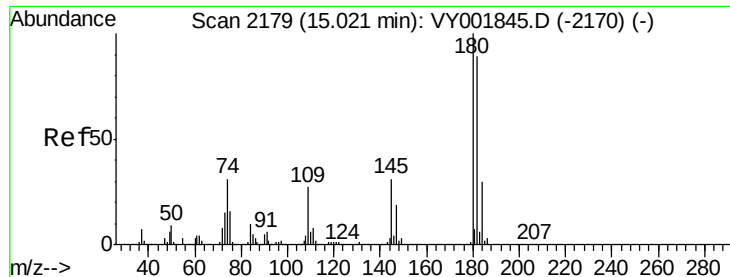
Tgt Ion: 146 Resp: 74252
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.5 64.5
 148 63.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.03 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion: 75 Resp: 6063
 Ion Ratio Lower Upper
 75 100
 155 74.8 42.9 128.7
 157 101.7 53.1 159.4

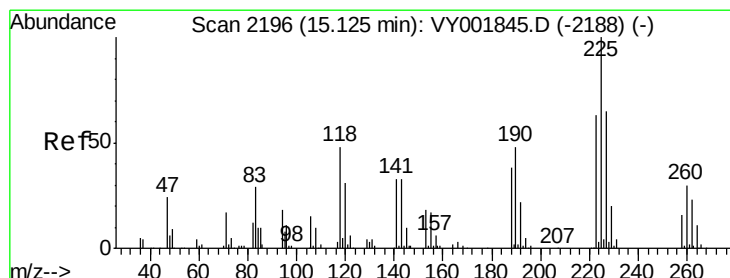
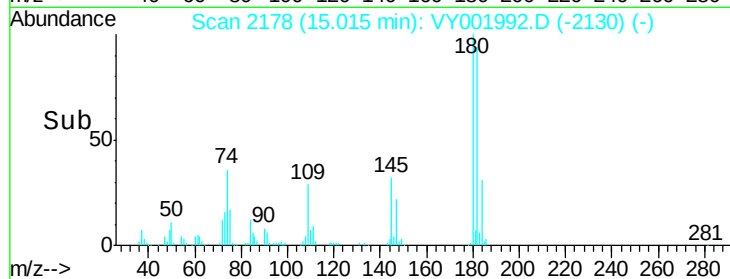
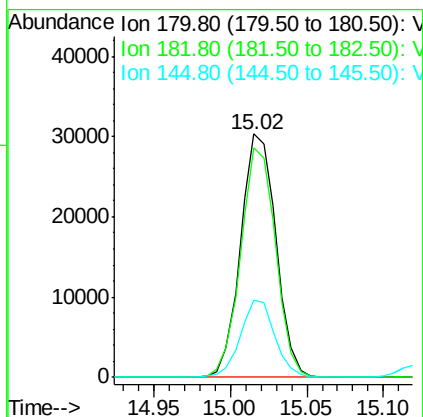
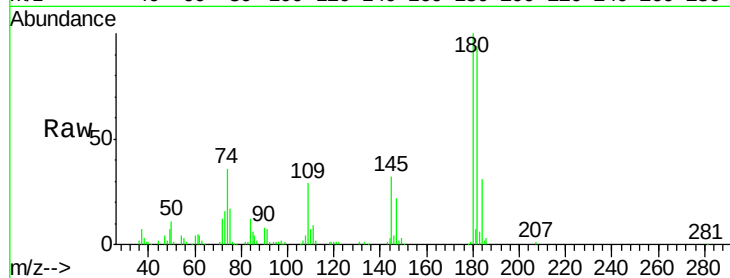




#93
 1,2,4-Trichlorobenzene
 Concen: 21.00 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

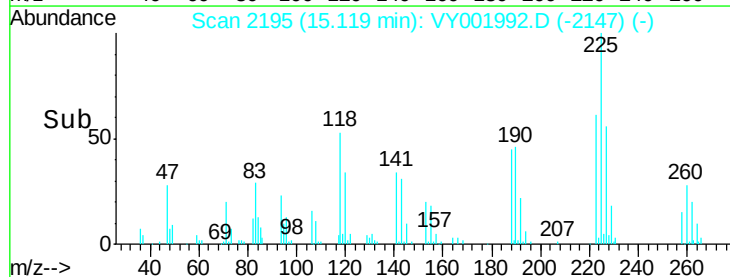
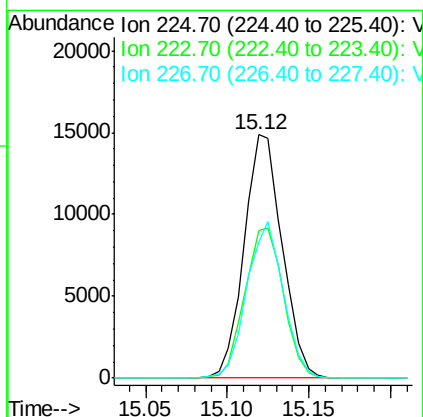
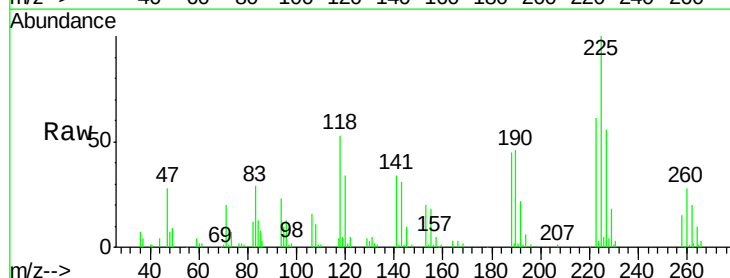
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

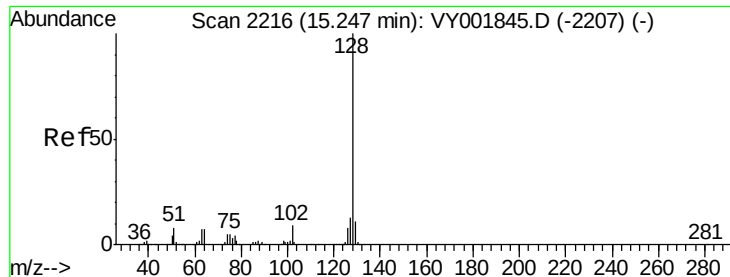
Tgt Ion:180 Resp: 48633
 Ion Ratio Lower Upper
 180 100
 182 93.2 46.1 138.3
 145 30.8 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 21.38 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion:225 Resp: 24137
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 61.5 31.9 95.5

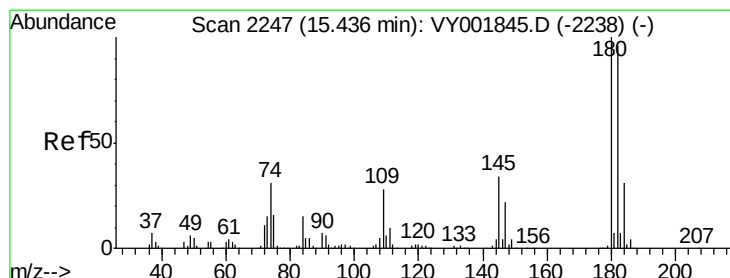
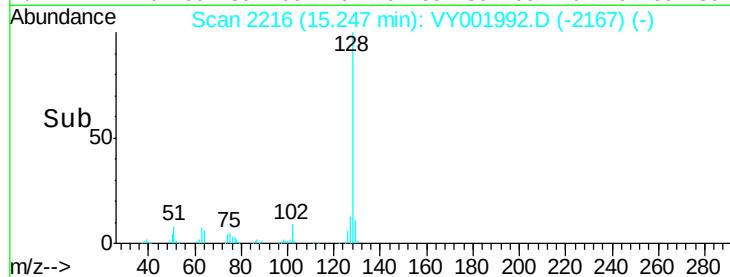
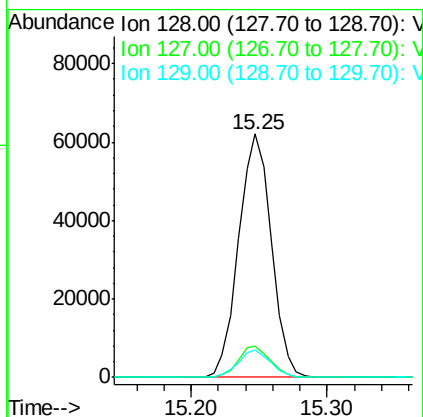
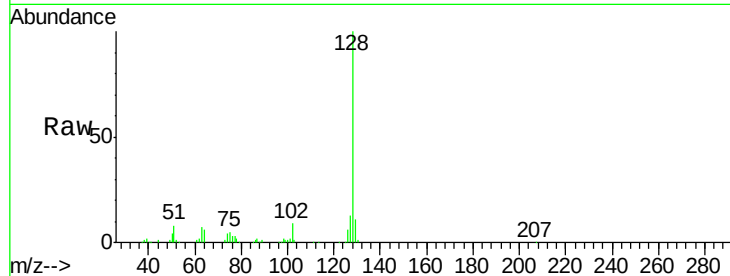




#95
Naphthalene
Concen: 18.96 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tgt Ion:128 Resp: 104103
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.40 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion:180 Resp: 41605
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.9
145 34.5 16.8 50.3

