

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002097.D
 Acq On : 27 Mar 2020 12:10
 Operator : SY/MD
 Sample : VY0327SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Quant Time: Mar 30 03:22:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	161128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	291306	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	264539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	124949	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	93716	52.61	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	7.73	113	85241	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.18	98	352632	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.49	95	124273	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	32940	28.517	ug/l	99
3) Chloromethane	2.12	50	42369	22.501	ug/l	99
4) Vinyl Chloride	2.26	62	42303	22.089	ug/l	98
5) Bromomethane	2.65	94	27865	22.296	ug/l	98
6) Chloroethane	2.80	64	26967	21.930	ug/l	92
7) Trichlorofluoromethane	3.13	101	58738	22.382	ug/l	98
8) Diethyl Ether	3.54	74	23266	20.931	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36162	21.002	ug/l	99
10) Methyl Iodide	4.10	142	41731	20.383	ug/l	100
11) Tert butyl alcohol	4.96	59	32526	154.955	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	36995	21.160	ug/l	98
13) Acrolein	3.74	56	24993	95.265	ug/l	98
14) Allyl chloride	4.49	41	67446	21.072	ug/l	99
15) Acrylonitrile	5.18	53	62561	107.382	ug/l	98
16) Acetone	3.96	43	52733	105.375	ug/l	99
17) Carbon Disulfide	4.20	76	124373	21.435	ug/l	100
18) Methyl Acetate	4.49	43	28079	21.608	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	102336	20.982	ug/l	98
20) Methylene Chloride	4.73	84	46500	19.298	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	42171	21.184	ug/l	97
22) Diisopropyl ether	6.13	45	138064	21.078	ug/l	96
23) Vinyl Acetate	6.07	43	459194	106.909	ug/l	100
24) 1,1-Dichloroethane	6.03	63	72293	20.758	ug/l	98
25) 2-Butanone	7.00	43	83383	108.513	ug/l	98
26) 2,2-Dichloropropane	6.99	77	61546	21.457	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	46059	21.031	ug/l	99
28) Bromochloromethane	7.35	49	31714	19.947	ug/l	100
29) Tetrahydrofuran	7.36	42	55156	109.479	ug/l	100
30) Chloroform	7.52	83	67478	20.441	ug/l	100
31) Cyclohexane	7.79	56	76342	20.572	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	55952	20.301	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57643	20.920	ug/l	100
37) Ethyl Acetate	7.09	43	36442	21.886	ug/l	99
38) Carbon Tetrachloride	7.91	117	49350	21.111	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	75931	21.009	ug/l	98
40) Benzene	8.17	78	169863	20.812	ug/l	100
41) Methacrylonitrile	7.35	41	47511	56.411	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	45060	20.795	ug/l	100
43) Isopropyl Acetate	8.28	43	66183	21.416	ug/l	100
44) Trichloroethene	8.94	130	41709	21.200	ug/l	94
45) 1,2-Dichloropropane	9.22	63	43402	20.885	ug/l	98
46) Dibromomethane	9.31	93	22093	20.701	ug/l	97
47) Bromodichloromethane	9.50	83	52053	20.951	ug/l	98
48) Methyl methacrylate	9.30	41	30492	22.017	ug/l	97
49) 1,4-Dioxane	9.30	88	6123	418.087	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	183010	115.005	ug/l	99
52) Toluene	10.25	92	104876	21.245	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	56947	20.651	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	67261	20.717	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	32691	20.696	ug/l	96
56) Ethyl methacrylate	10.51	69	49853	21.609	ug/l	99
57) 1,3-Dichloropropane	10.79	76	57941	20.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	125807	106.124	ug/l	99
59) 2-Hexanone	10.83	43	122785	109.536	ug/l	99
60) Dibromochloromethane	10.99	129	35192	21.291	ug/l	99
61) 1,2-Dibromoethane	11.09	107	31923	21.592	ug/l	96
64) Tetrachloroethene	10.72	164	34209	21.136	ug/l	94
65) Chlorobenzene	11.52	112	107229	20.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	35435	20.742	ug/l	99
67) Ethyl Benzene	11.60	91	200254	21.115	ug/l	97
68) m/p-Xylenes	11.71	106	148603	42.378	ug/l	99
69) o-Xylene	12.03	106	68652	20.639	ug/l	98
70) Styrene	12.05	104	120884	20.972	ug/l	99
71) Bromoform	12.21	173	19084	20.396	ug/l #	98
73) Isopropylbenzene	12.33	105	187048	20.180	ug/l	100
74) N-amyl acetate	12.14	43	61078	20.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	41932	21.024	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	54505	38.997	ug/l #	100
77) Bromobenzene	12.61	156	40650	20.545	ug/l	100
78) n-propylbenzene	12.67	91	233880	20.333	ug/l	100
79) 2-Chlorotoluene	12.76	91	127603	20.205	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	156334	20.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	14630	20.279	ug/l	93
82) 4-Chlorotoluene	12.86	91	136362	20.490	ug/l	100
83) tert-Butylbenzene	13.08	119	128618	20.150	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	157808	20.683	ug/l	99
85) sec-Butylbenzene	13.25	105	193210	20.436	ug/l	100
86) p-Isopropyltoluene	13.37	119	169054	20.822	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	80886	20.897	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	81142	20.832	ug/l	99
89) n-Butylbenzene	13.70	91	173394	20.497	ug/l	100
90) Hexachloroethane	13.96	117	30491	19.930	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	73462	20.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6592	20.633	ug/l	100

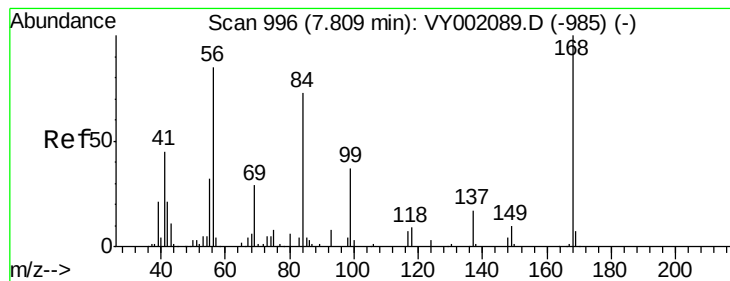
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	48562	21.077	ug/l	98
94) Hexachlorobutadiene	15.12	225	22910	20.145	ug/l	99
95) Naphthalene	15.24	128	114774	20.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42592	20.386	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

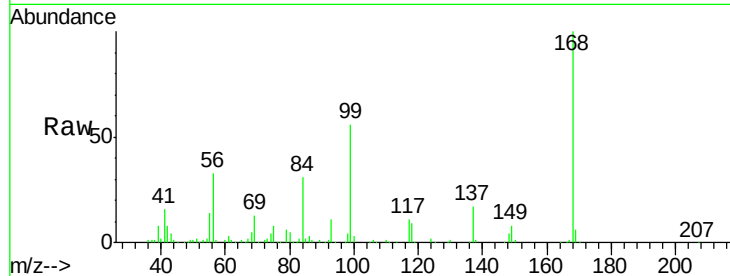
VY0327SBS01

Tgt Ion:168 Resp: 161128

Ion Ratio Lower Upper

168 100

99 56.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

60000

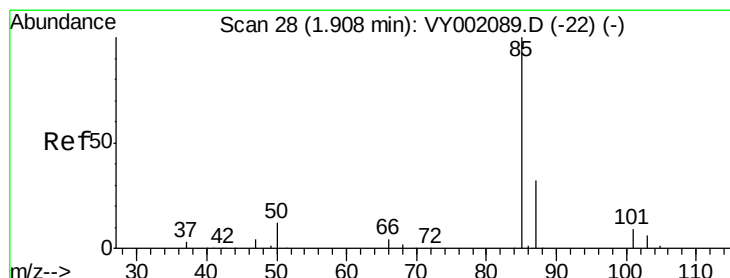
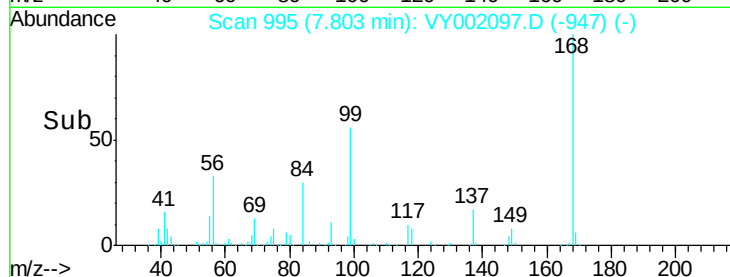
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 28.517 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002097.D

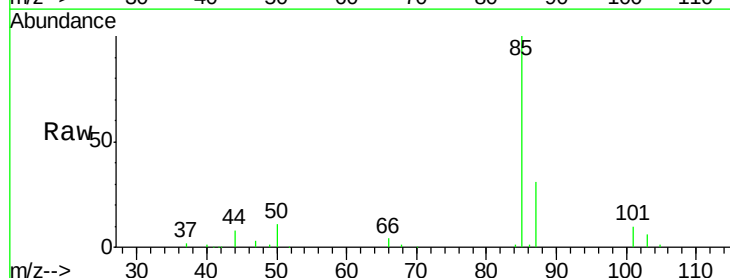
Acq: 27 Mar 2020 12:10

Tgt Ion: 85 Resp: 32940

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

25000

20000

15000

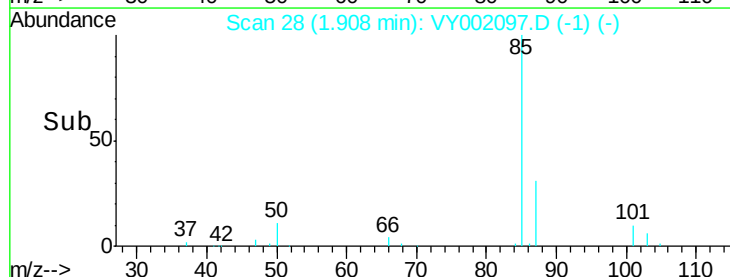
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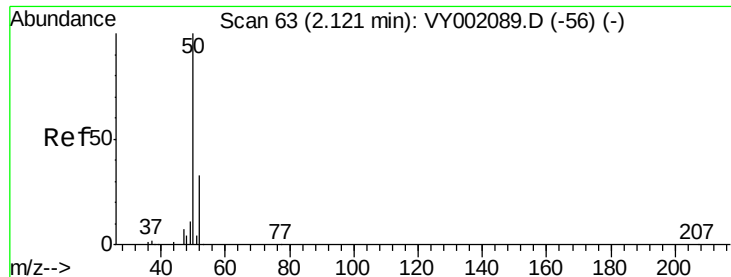
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.501 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

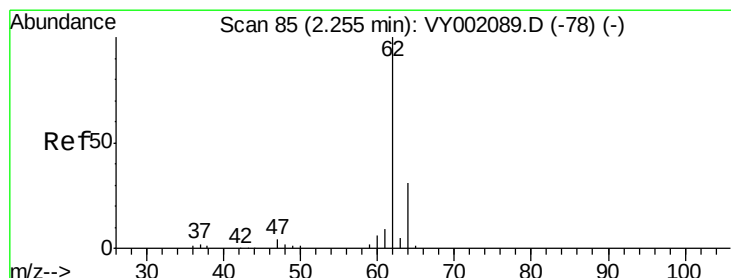
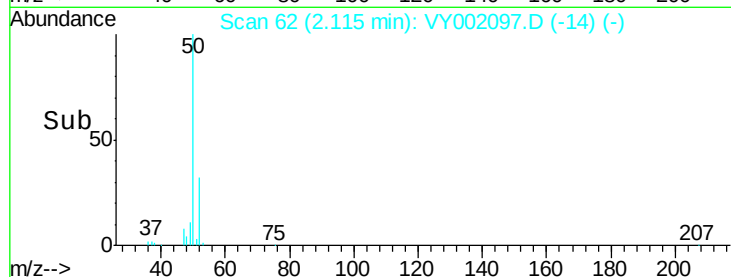
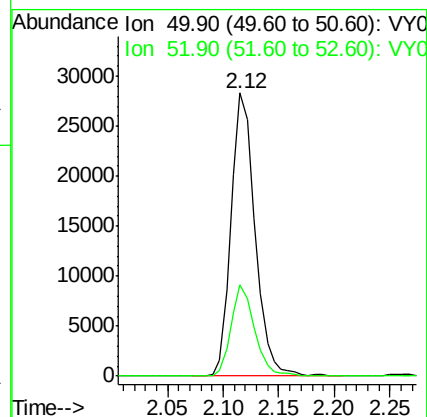
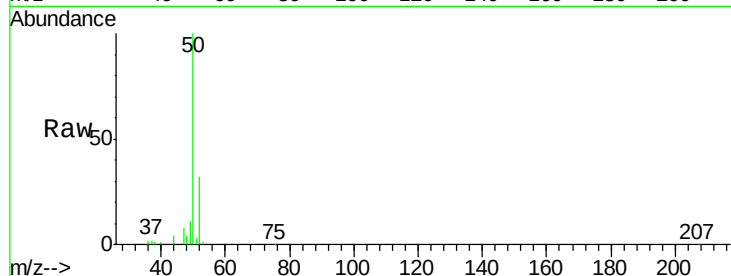
VY0327SBS01

Tgt Ion: 50 Resp: 42369

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1



#4

Vinyl Chloride

Concen: 22.089 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002097.D

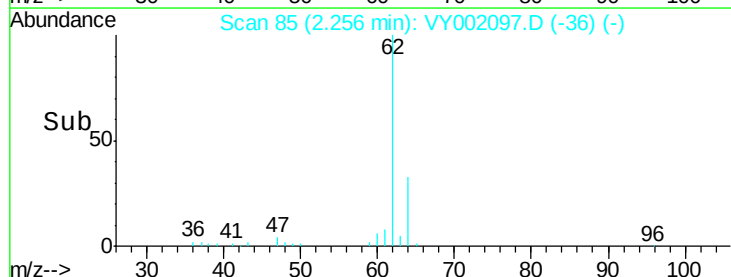
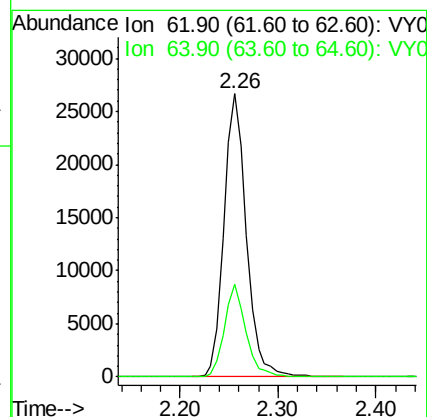
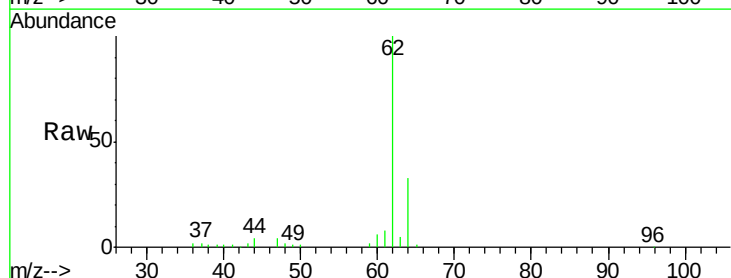
Acq: 27 Mar 2020 12:10

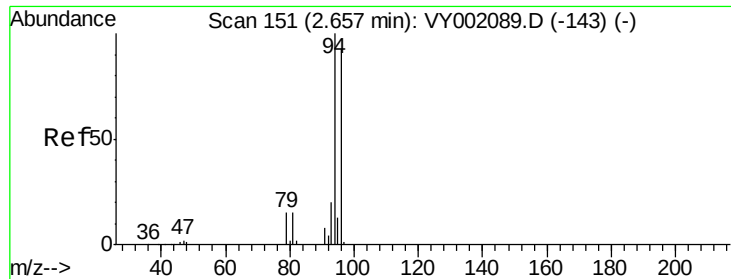
Tgt Ion: 62 Resp: 42303

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 22.296 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

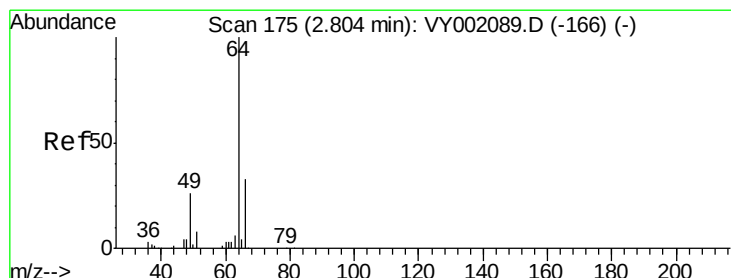
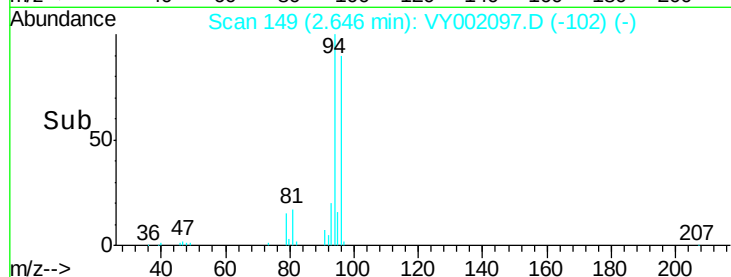
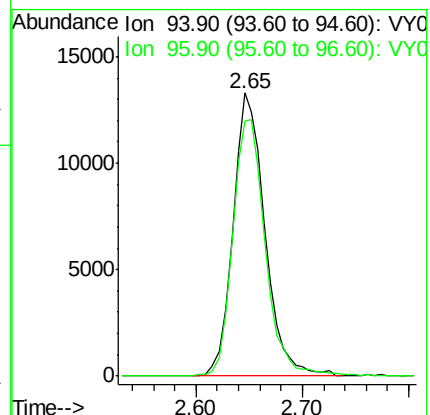
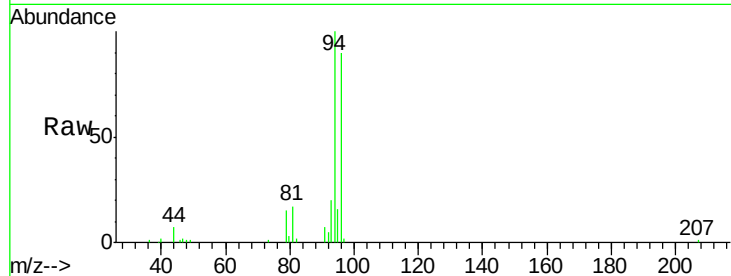
VY0327SBSD01

Tgt Ion: 94 Resp: 27865

Ion Ratio Lower Upper

94 100

96 90.4 74.1 111.1



#6

Chloroethane

Concen: 21.930 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002097.D

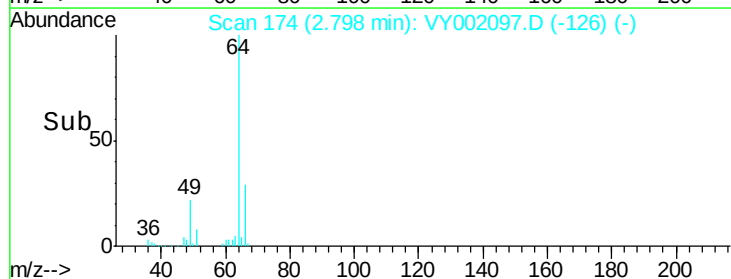
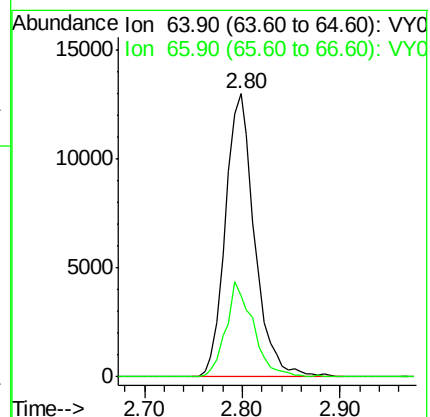
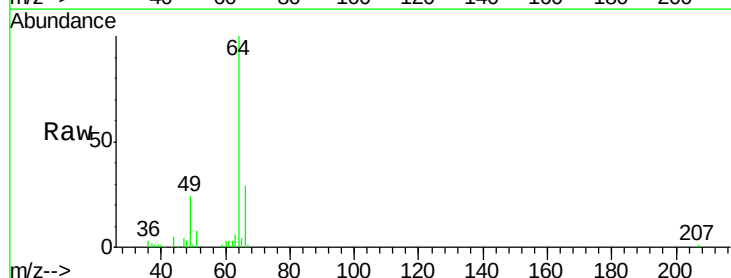
Acq: 27 Mar 2020 12:10

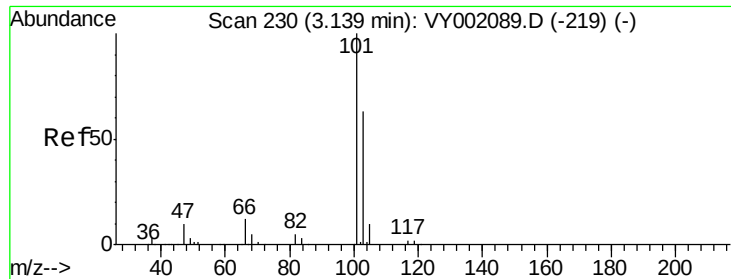
Tgt Ion: 64 Resp: 26967

Ion Ratio Lower Upper

64 100

66 28.8 26.6 39.8



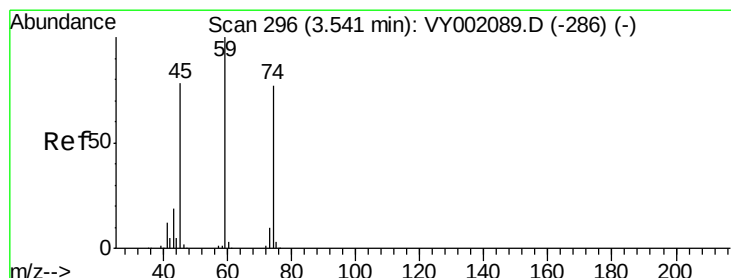
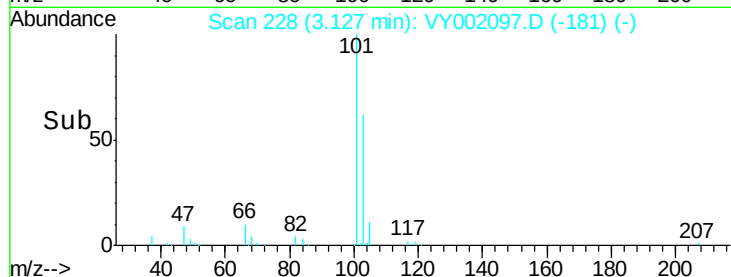
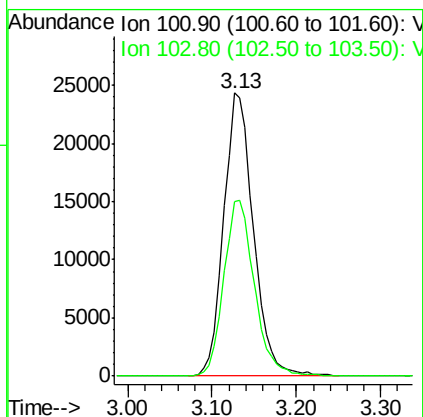
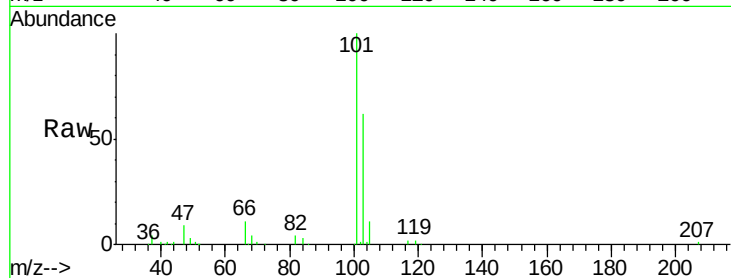


#7

Trichlorofluoromethane
 Concen: 22.382 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

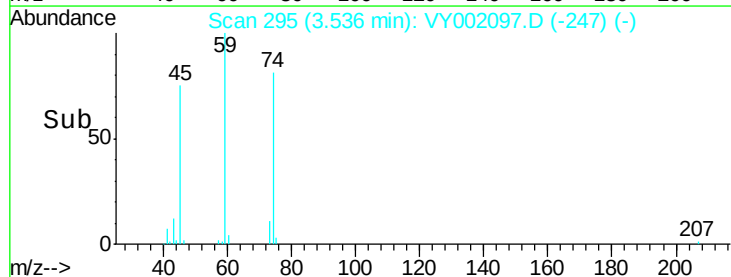
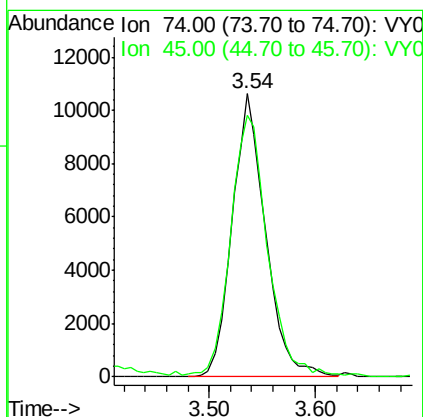
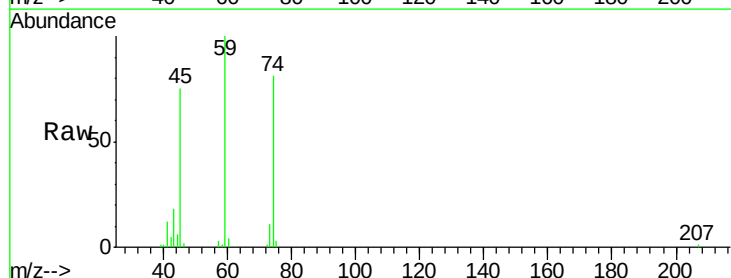
Tgt Ion:101 Resp: 58738
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.6 76.0

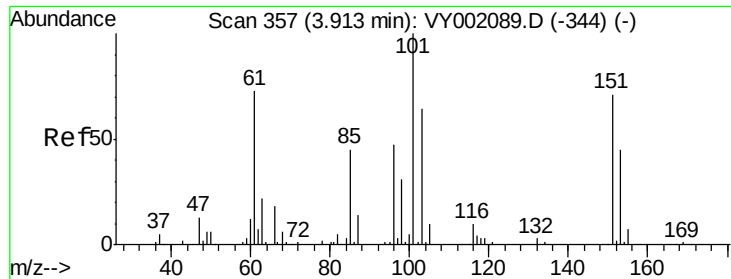


#8

Diethyl Ether
 Concen: 20.931 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 74 Resp: 23266
 Ion Ratio Lower Upper
 74 100
 45 100.7 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.002 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

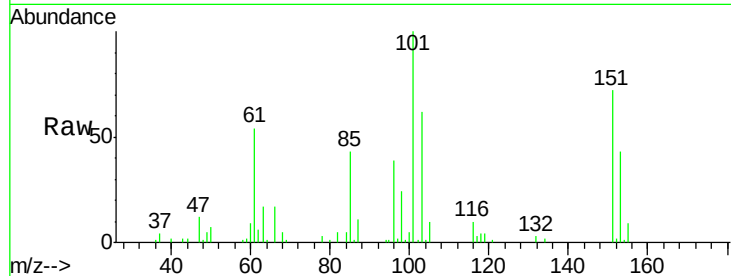
Tgt Ion:101 Resp: 36162

Ion Ratio Lower Upper

101 100

85 44.7 35.9 53.9

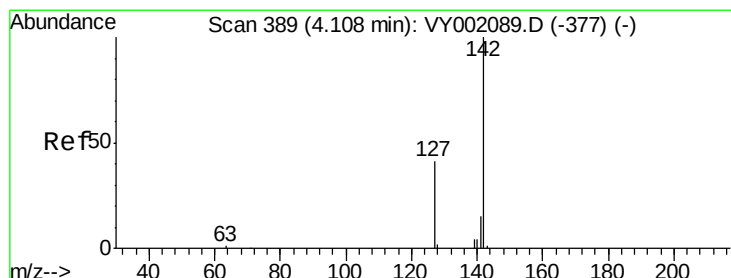
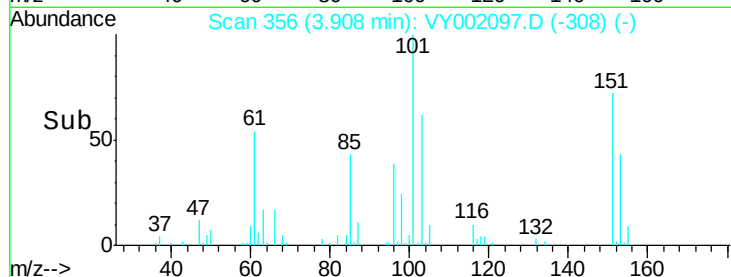
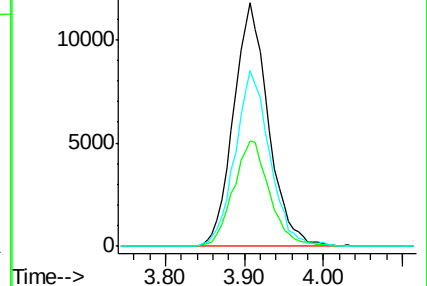
151 71.3 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.383 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

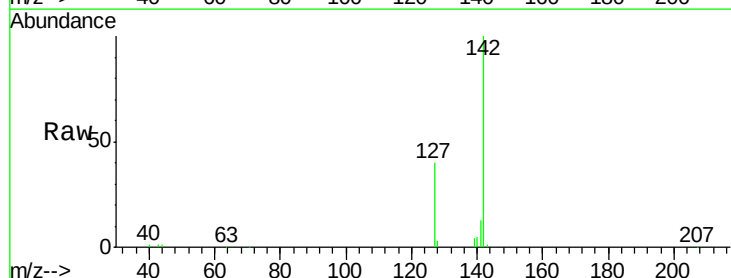
Tgt Ion:142 Resp: 41731

Ion Ratio Lower Upper

142 100

127 40.6 32.6 49.0

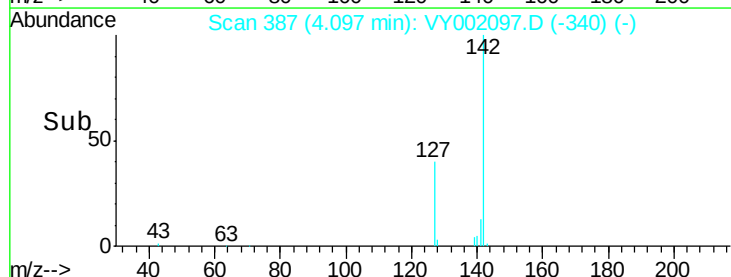
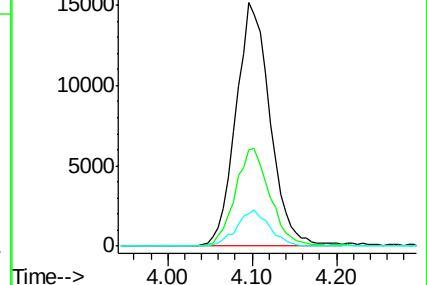
141 14.1 11.4 17.0

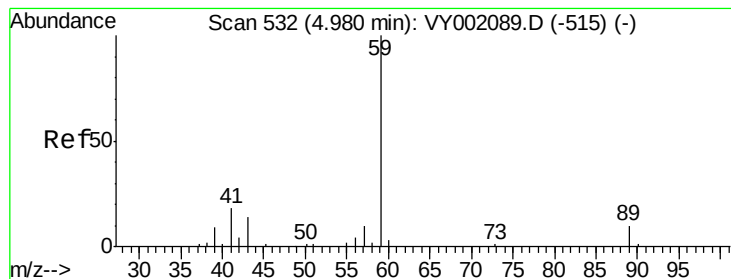


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



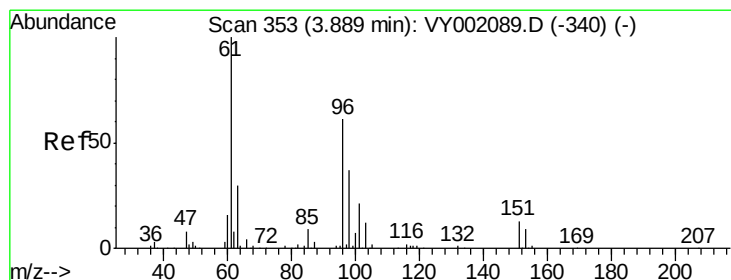
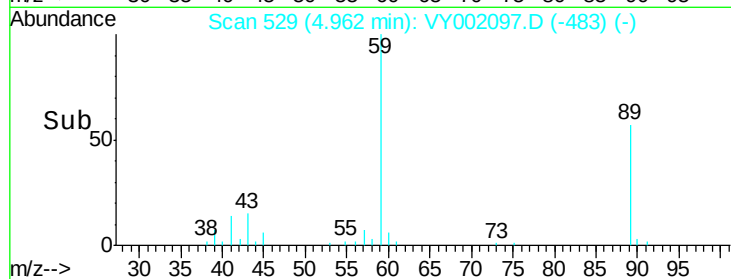
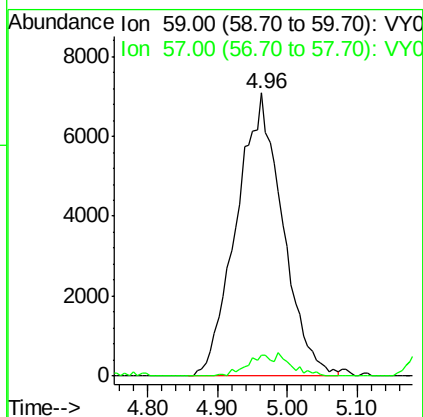
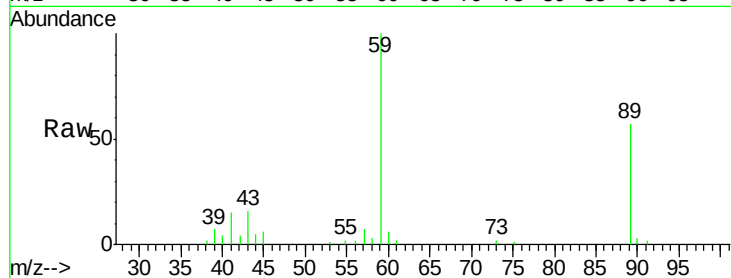


#11

Tert butyl alcohol
 Concen: 154.955 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

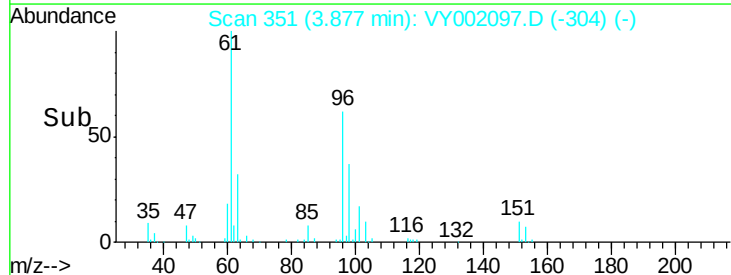
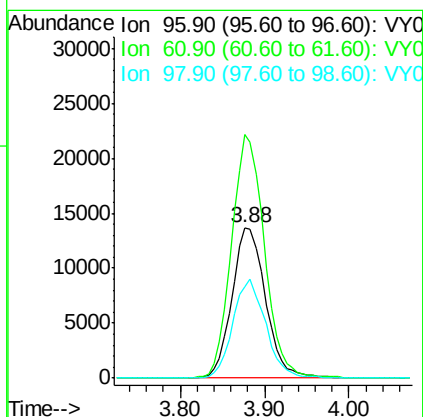
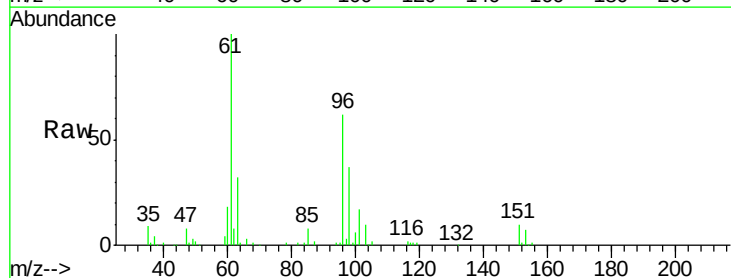
Tgt Ion: 59 Resp: 32526
 Ion Ratio Lower Upper
 59 100
 57 4.2 7.7 11.5#

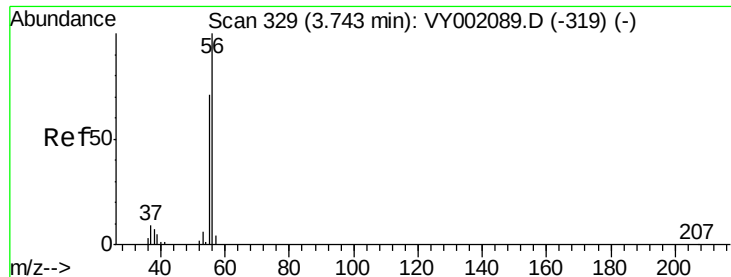


#12

1,1-Dichloroethene
 Concen: 21.160 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 96 Resp: 36995
 Ion Ratio Lower Upper
 96 100
 61 161.9 132.0 198.0
 98 60.3 49.4 74.0





#13

Acrolein

Concen: 95.265 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

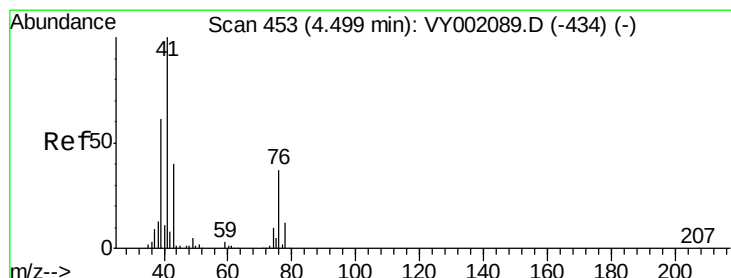
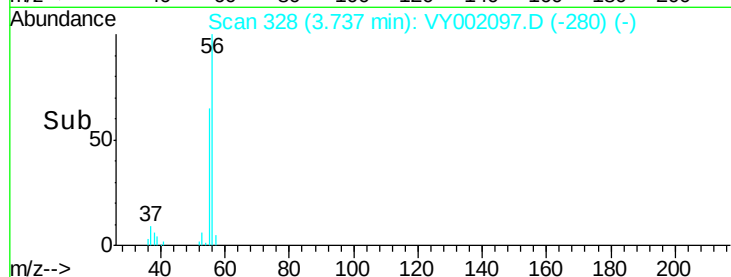
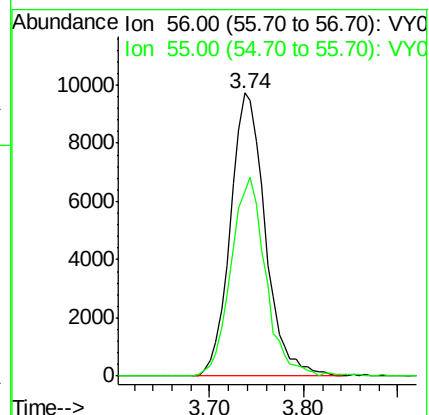
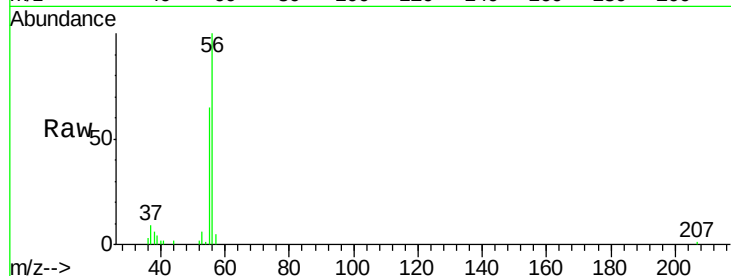
VY0327SBS01

Tgt Ion: 56 Resp: 24993

Ion Ratio Lower Upper

56 100

55 69.4 56.5 84.7



#14

Allyl chloride

Concen: 21.072 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

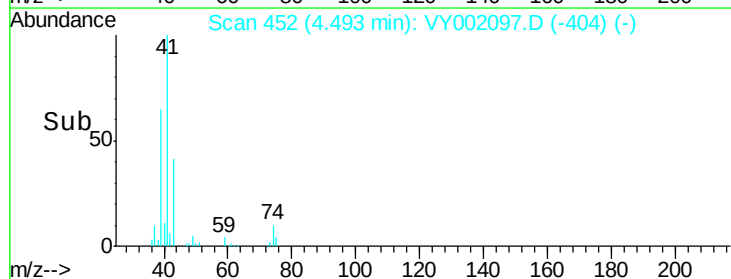
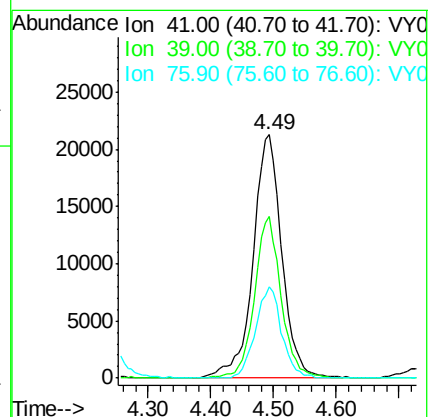
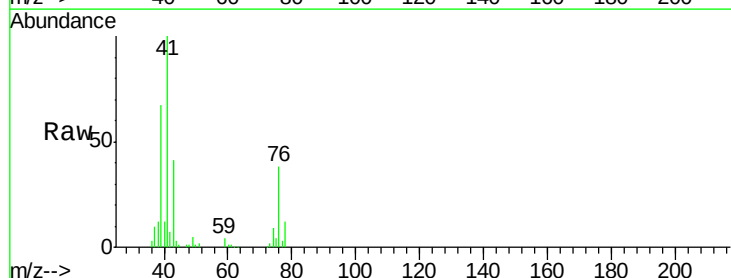
Tgt Ion: 41 Resp: 67446

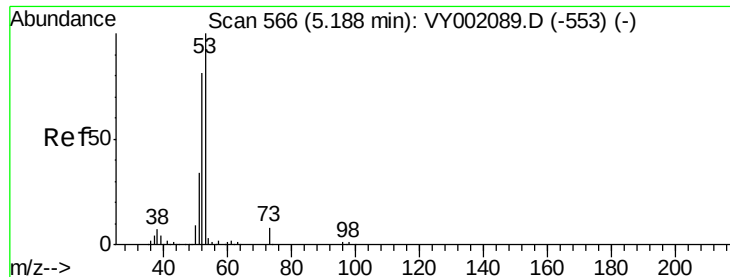
Ion Ratio Lower Upper

41 100

39 61.5 49.0 73.4

76 34.1 27.8 41.8





#15

Acrylonitrile

Concen: 107.382 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

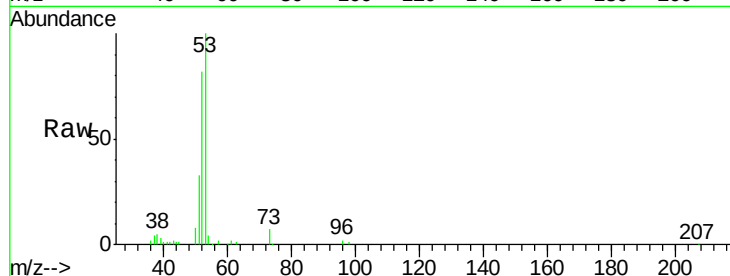
Tgt Ion: 53 Resp: 62561

Ion Ratio Lower Upper

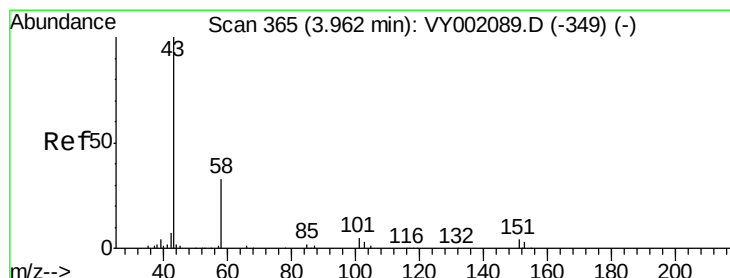
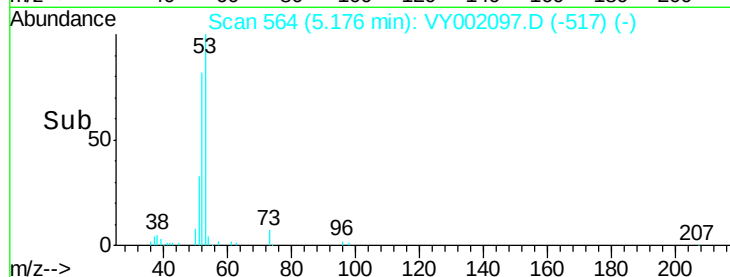
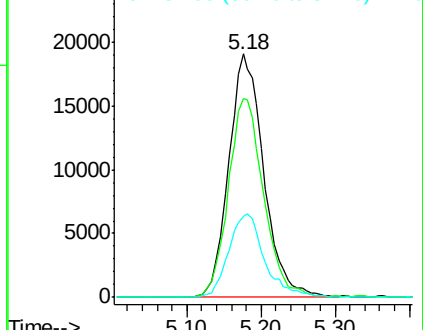
53 100

52 82.6 64.6 97.0

51 35.1 27.9 41.9



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: 105.375 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002097.D

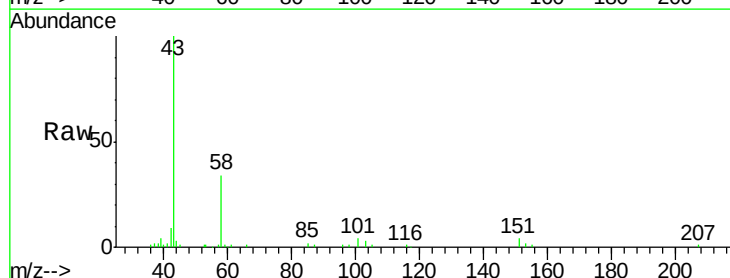
Acq: 27 Mar 2020 12:10

Tgt Ion: 43 Resp: 52733

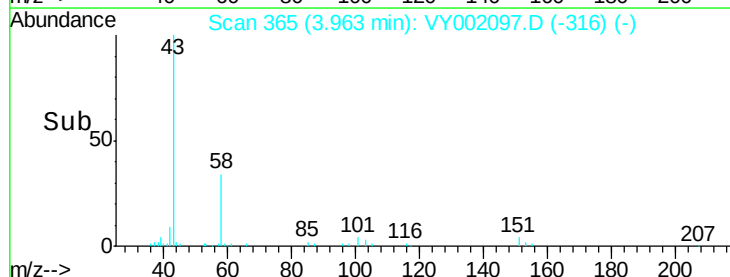
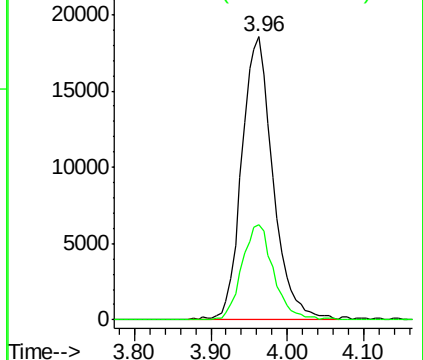
Ion Ratio Lower Upper

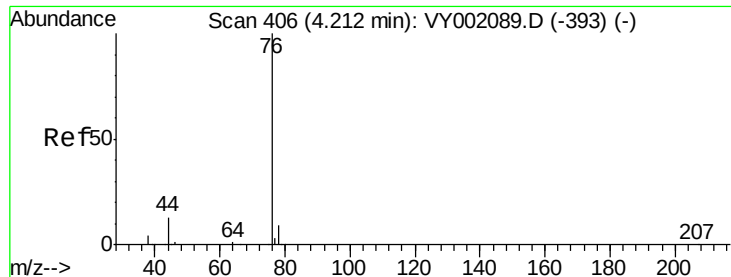
43 100

58 33.6 26.3 39.5



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





#17

Carbon Disulfide

Concen: 21.435 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

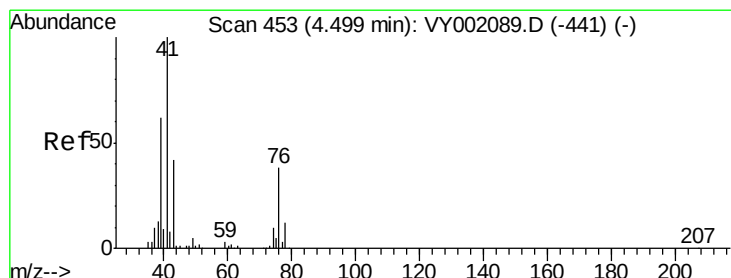
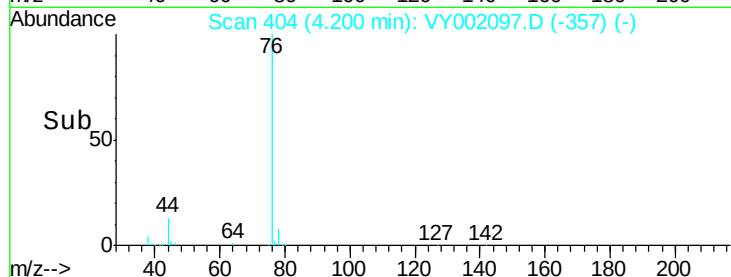
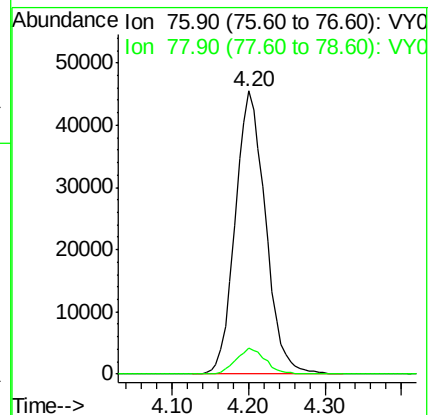
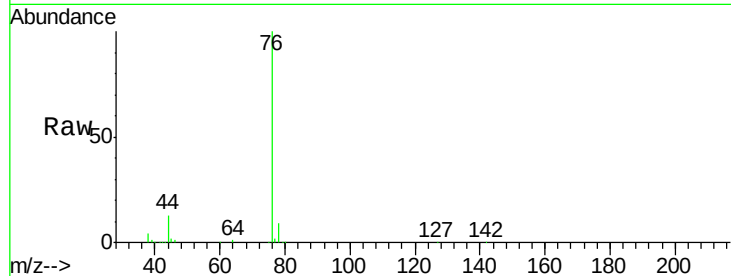
VY0327SBS01

Tgt Ion: 76 Resp: 124373

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 21.608 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002097.D

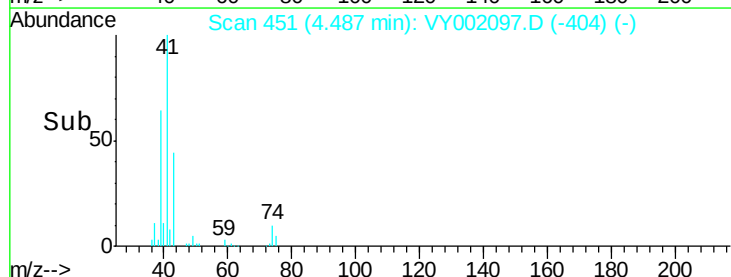
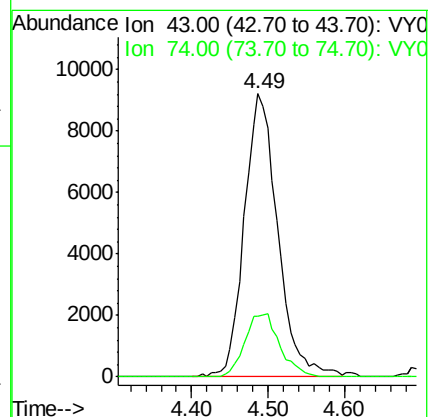
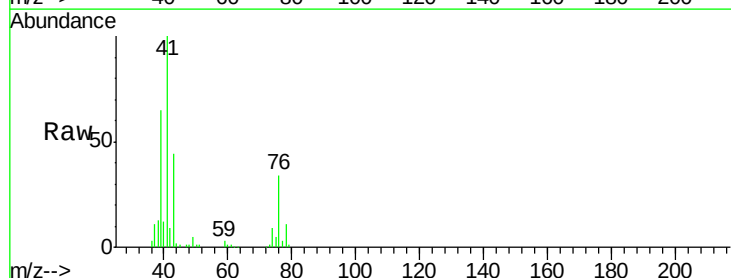
Acq: 27 Mar 2020 12:10

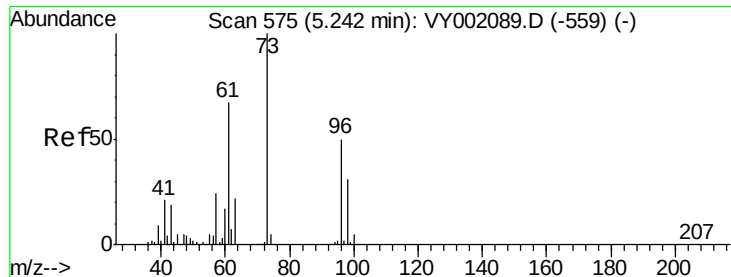
Tgt Ion: 43 Resp: 28079

Ion Ratio Lower Upper

43 100

74 23.2 18.3 27.5

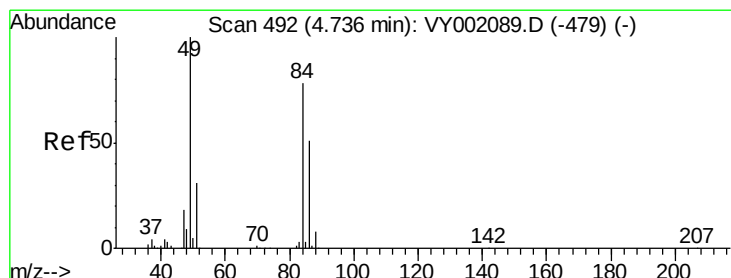
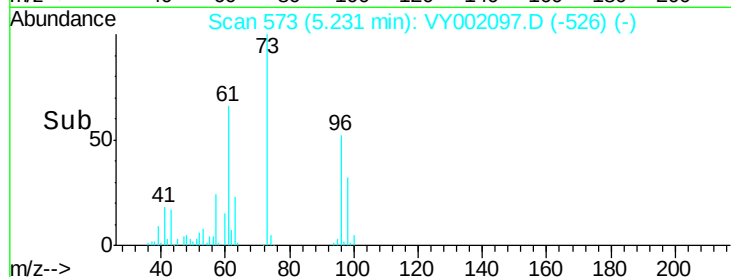
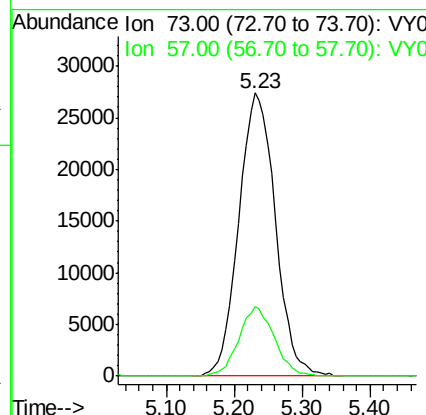
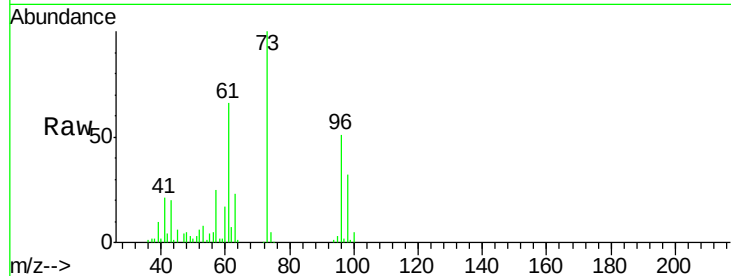




#19
Methyl tert-butyl Ether
Concen: 20.982 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

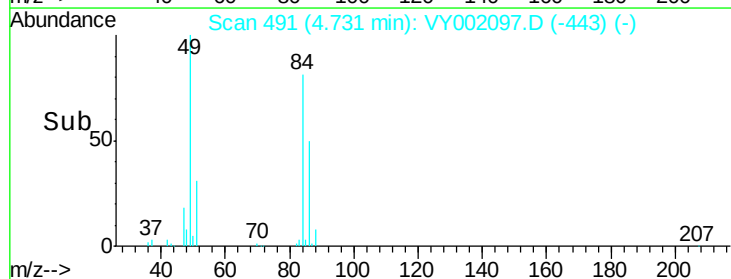
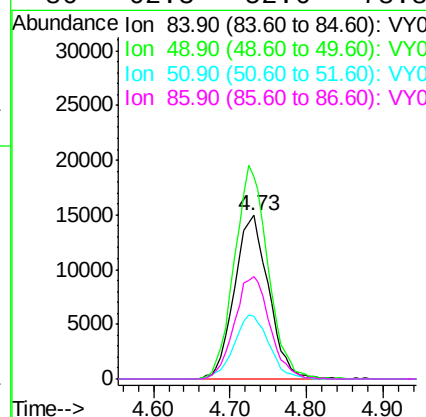
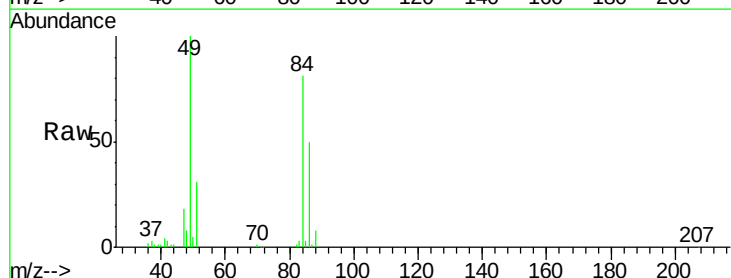
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

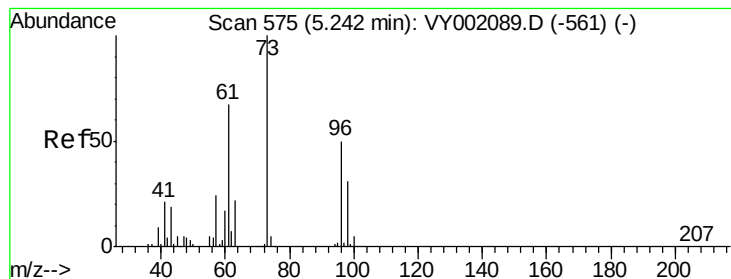
Tgt Ion: 73 Resp: 102336
Ion Ratio Lower Upper
73 100
57 24.6 19.0 28.6



#20
Methylene Chloride
Concen: 19.298 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 84 Resp: 46500
Ion Ratio Lower Upper
84 100
49 123.4 102.2 153.4
51 38.4 31.2 46.8
86 62.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 21.184 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

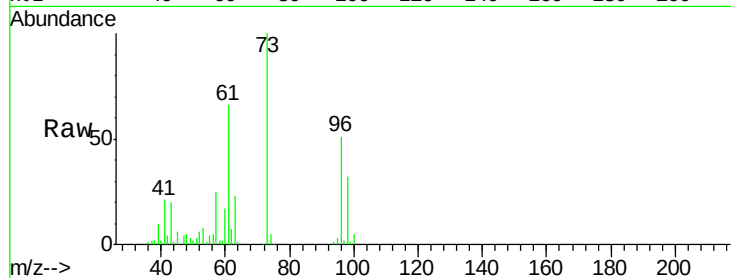
Tgt Ion: 96 Resp: 42171

Ion Ratio Lower Upper

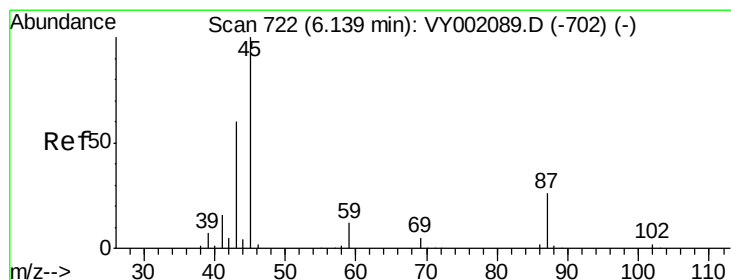
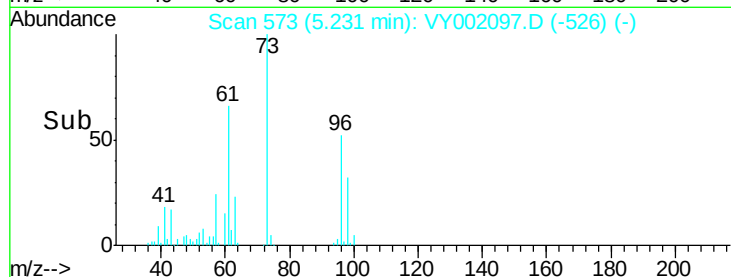
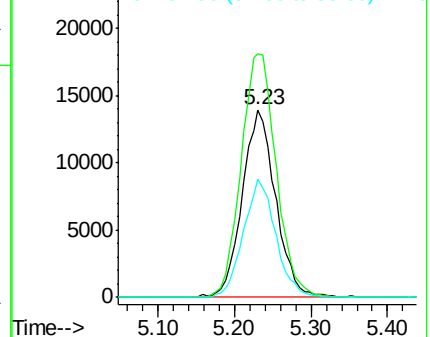
96 100

61 129.6 107.7 161.5

98 62.6 50.5 75.7



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



#22

Diisopropyl ether

Concen: 21.078 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion: 45 Resp: 138064

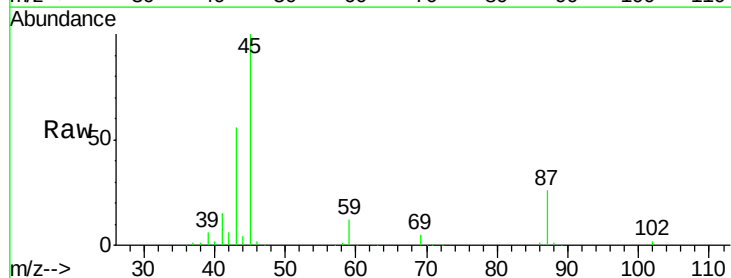
Ion Ratio Lower Upper

45 100

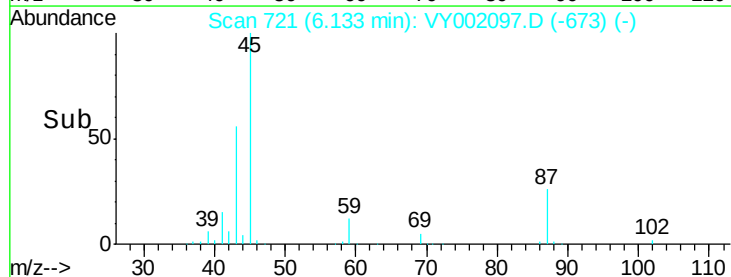
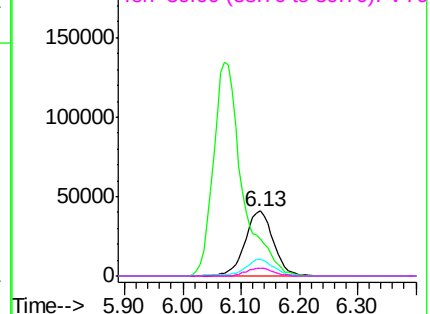
43 55.8 48.1 72.1

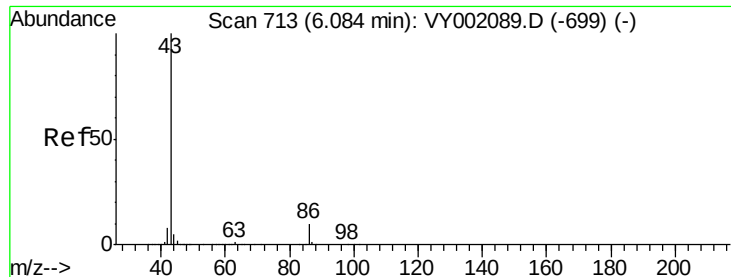
87 26.2 21.1 31.7

59 11.8 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 106.909 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

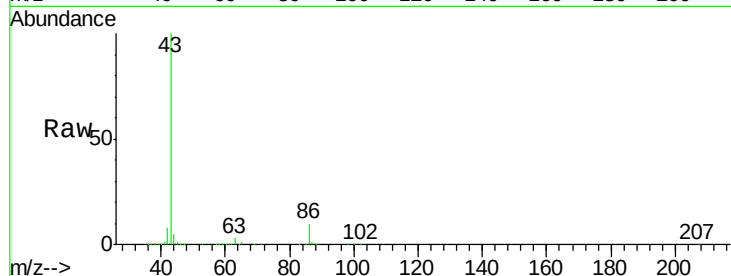
VY0327SBS01

Tgt Ion: 43 Resp: 459194

Ion Ratio Lower Upper

43 100

86 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

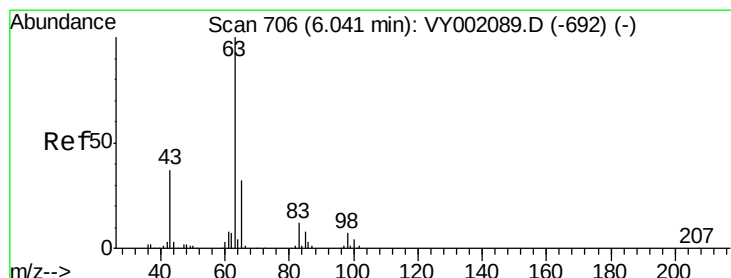
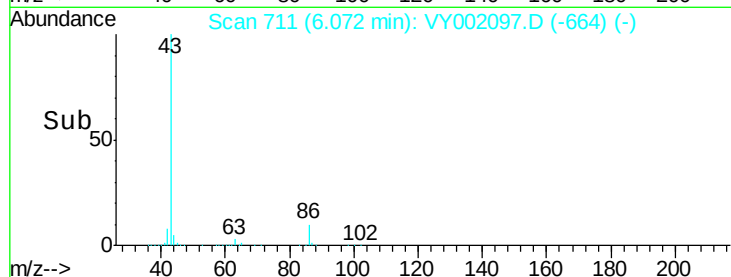
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.758 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

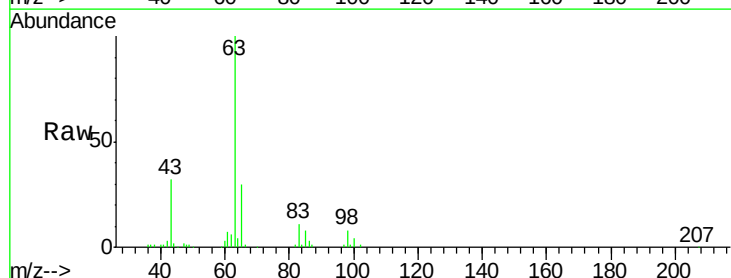
Tgt Ion: 63 Resp: 72293

Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.9

100 3.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

30000

25000

20000

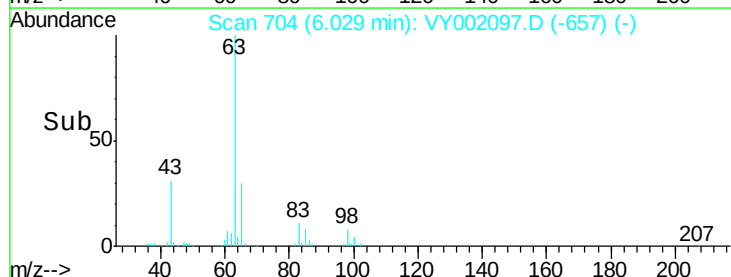
15000

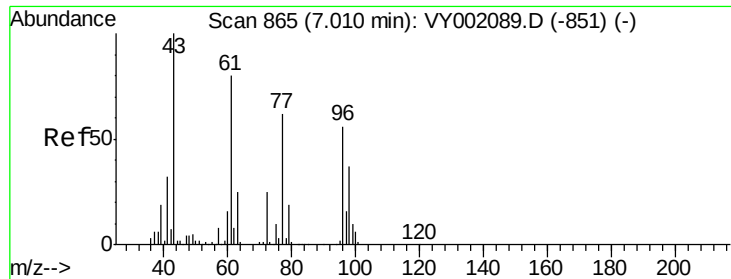
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 108.513 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

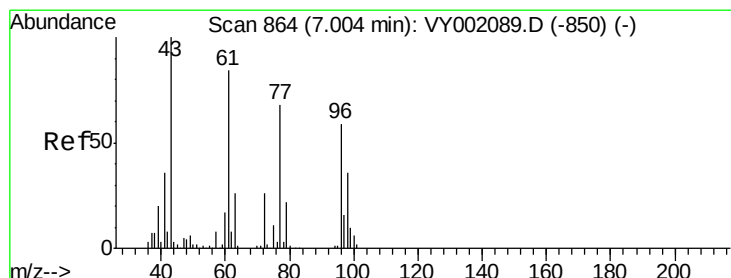
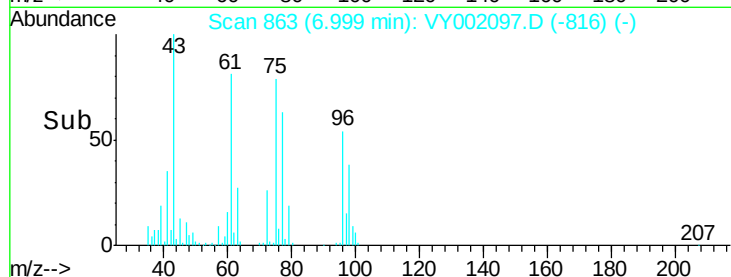
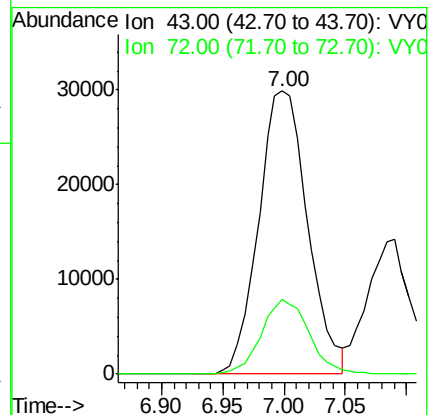
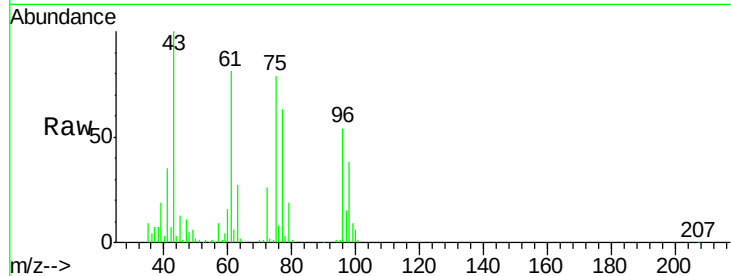
VY0327SBS01

Tgt Ion: 43 Resp: 83383

Ion Ratio Lower Upper

43 100

72 26.3 20.2 30.2



#26

2,2-Dichloropropane

Concen: 21.457 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002097.D

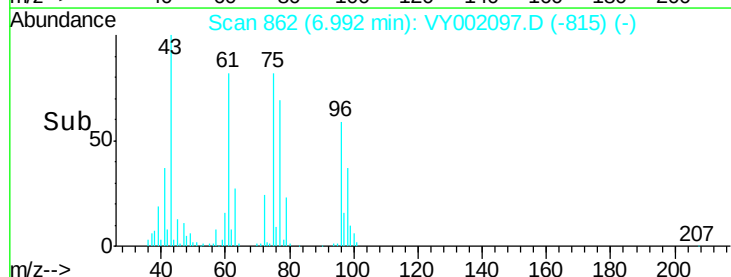
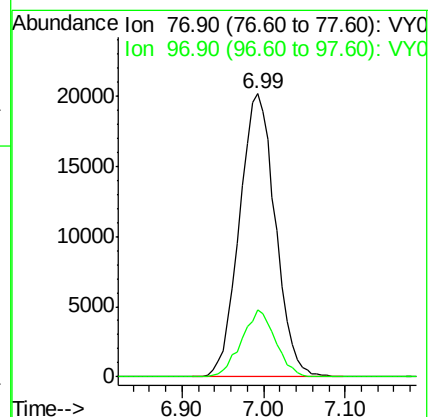
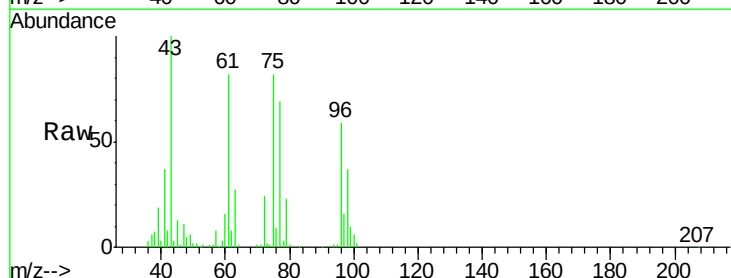
Acq: 27 Mar 2020 12:10

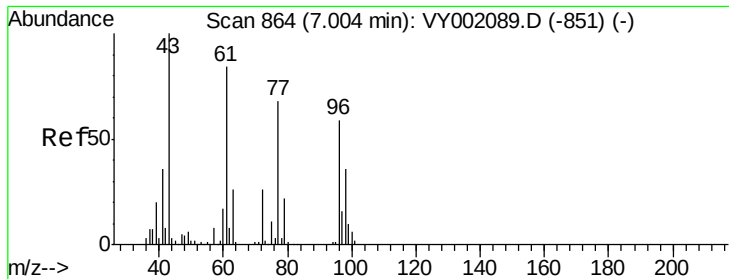
Tgt Ion: 77 Resp: 61546

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.1



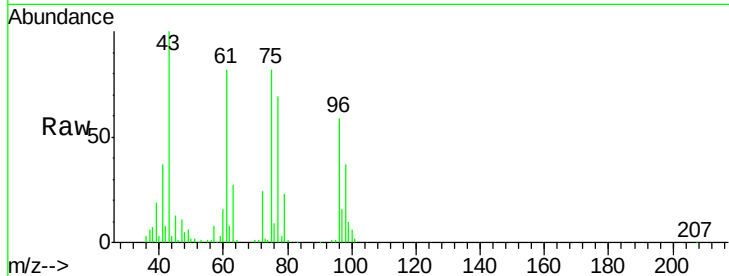


#27

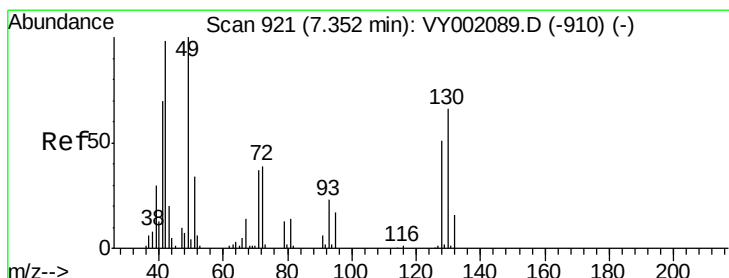
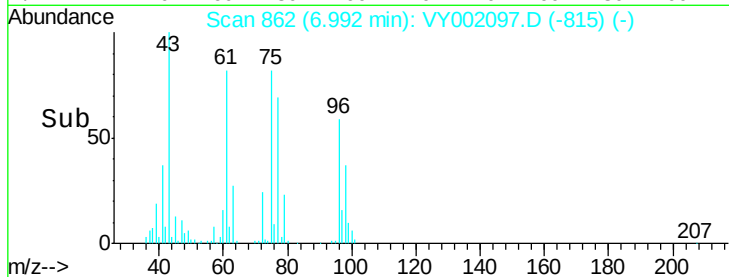
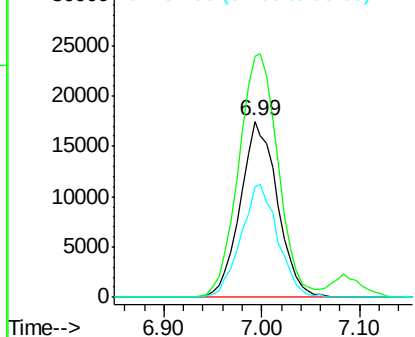
cis-1,2-Dichloroethene
Concen: 21.031 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion: 96 Resp: 46059
Ion Ratio Lower Upper
96 100
61 146.6 0.0 290.6
98 63.8 0.0 128.0



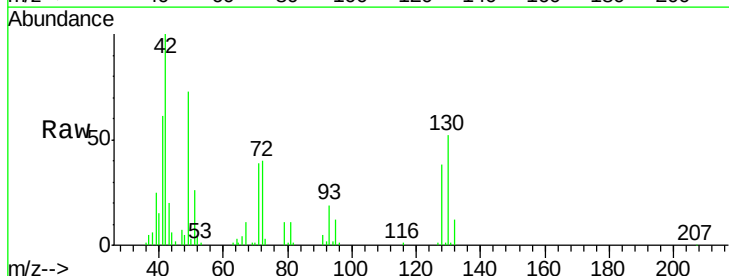
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



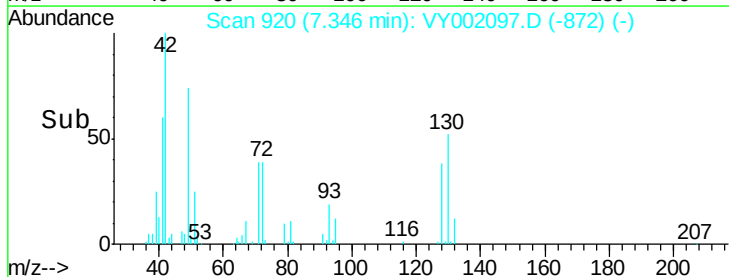
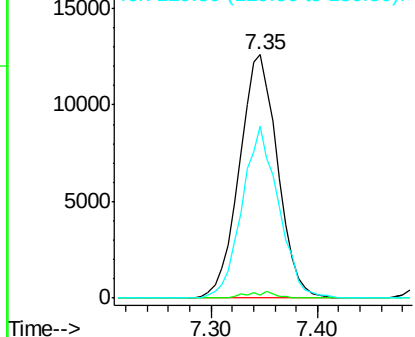
#28

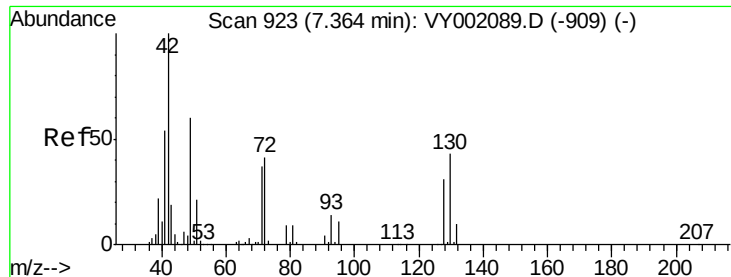
Bromochloromethane
Concen: 19.947 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 49 Resp: 31714
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 67.7 54.1 81.1



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

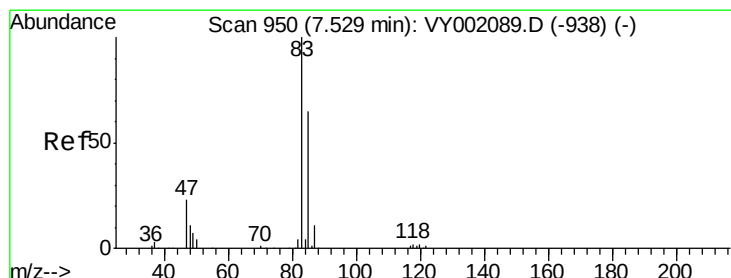
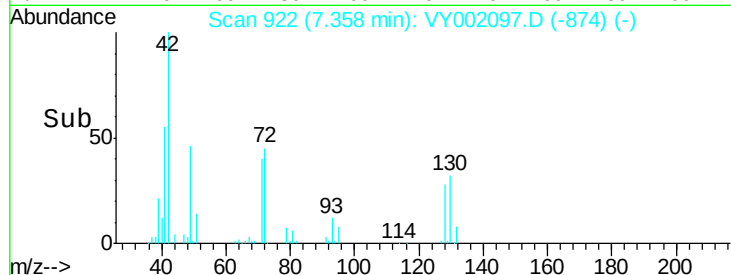
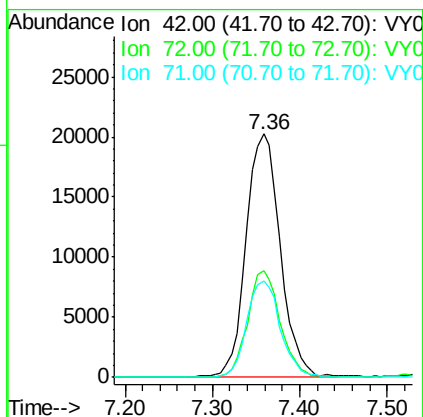
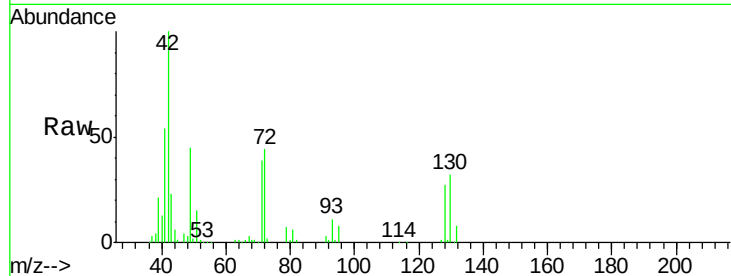




#29
Tetrahydrofuran
Concen: 109.479 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

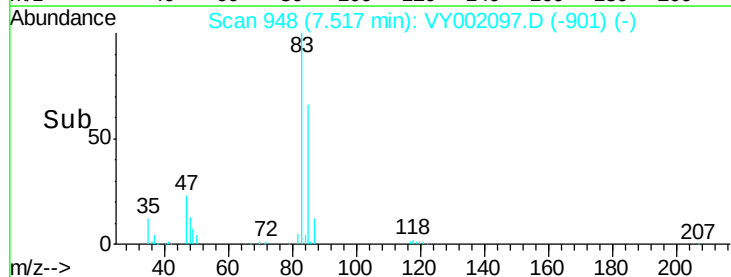
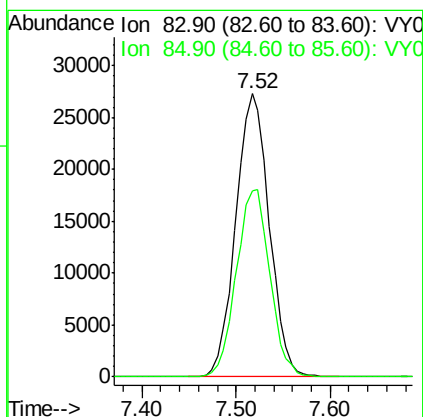
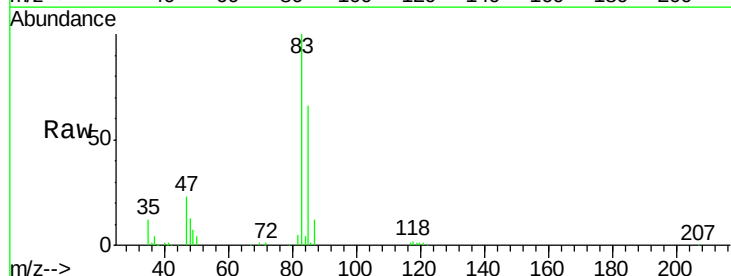
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

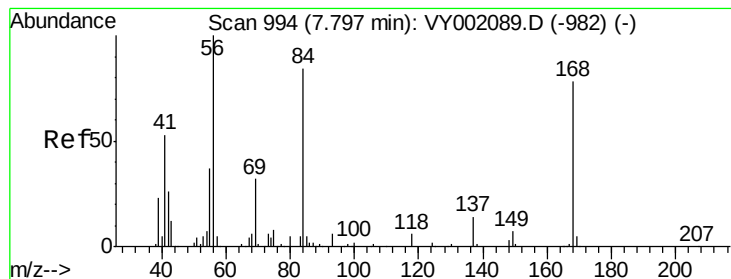
Tgt Ion: 42 Resp: 55156
Ion Ratio Lower Upper
42 100
72 41.5 33.0 49.4
71 38.8 31.2 46.8



#30
Chloroform
Concen: 20.441 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 83 Resp: 67478
Ion Ratio Lower Upper
83 100
85 65.8 52.4 78.6





#31

Cyclohexane

Concen: 20.572 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

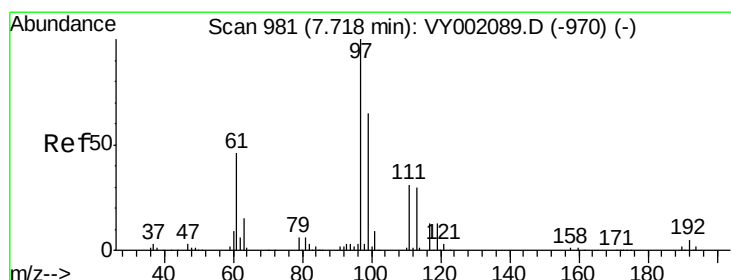
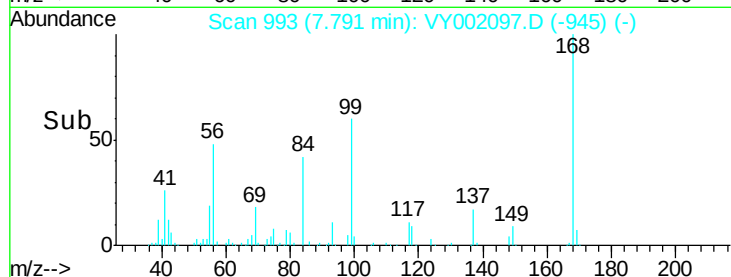
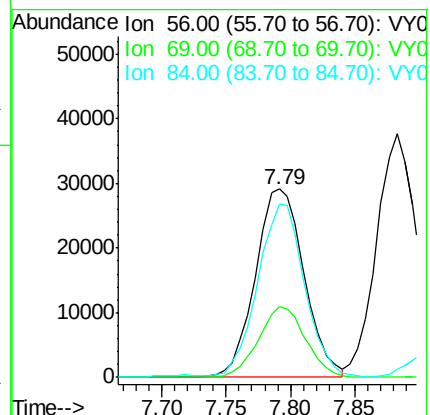
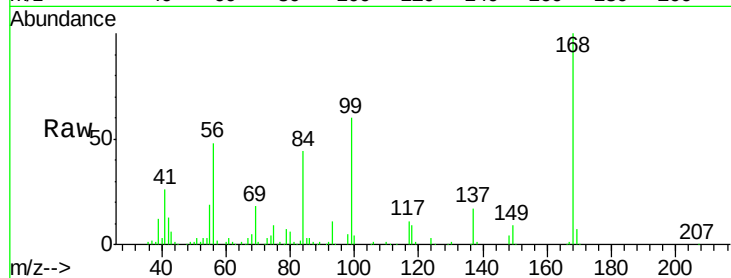
Tgt Ion: 56 Resp: 76342

Ion Ratio Lower Upper

56 100

69 37.7 25.8 38.8

84 90.7 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 20.301 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

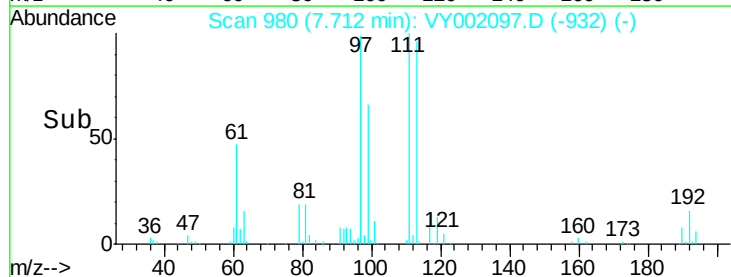
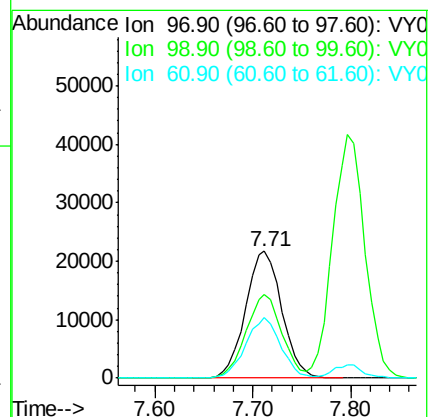
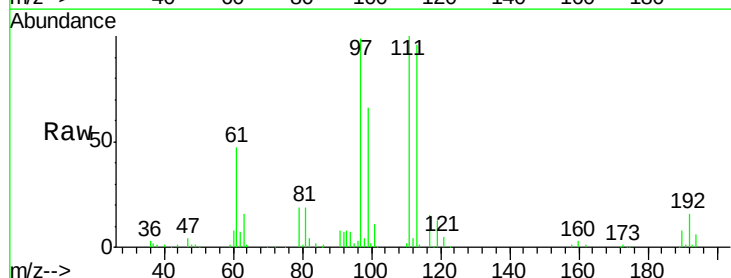
Tgt Ion: 97 Resp: 55952

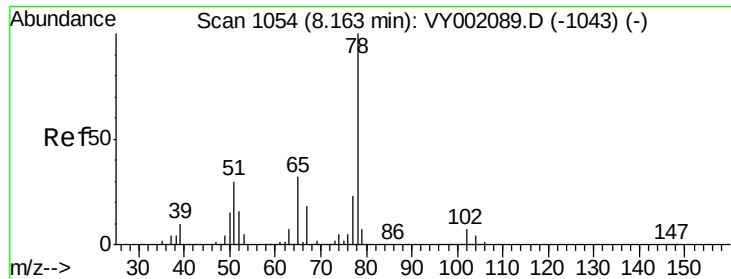
Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

61 45.7 35.7 53.5

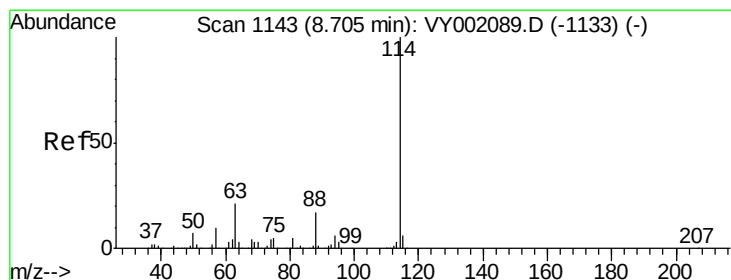
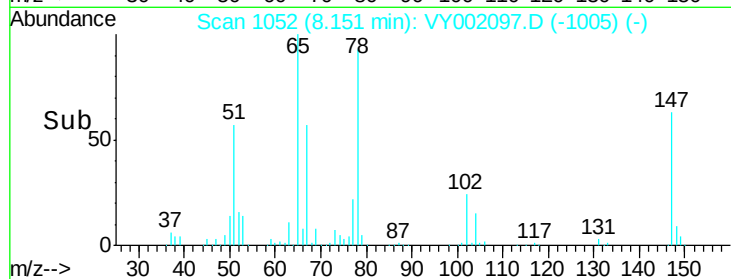
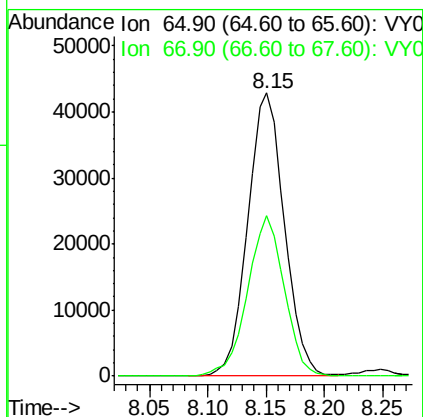
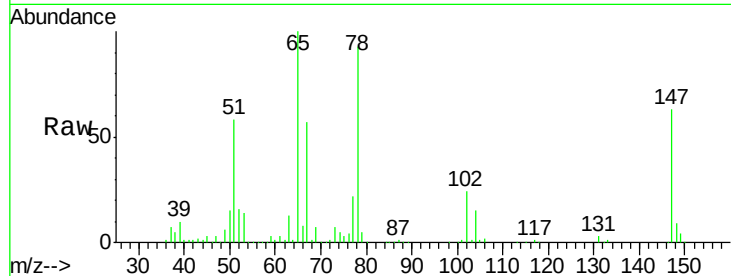




#33
 1,2-Dichloroethane-d4
 Concen: 52.613 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

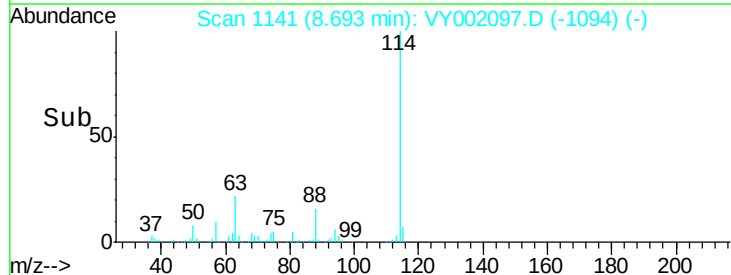
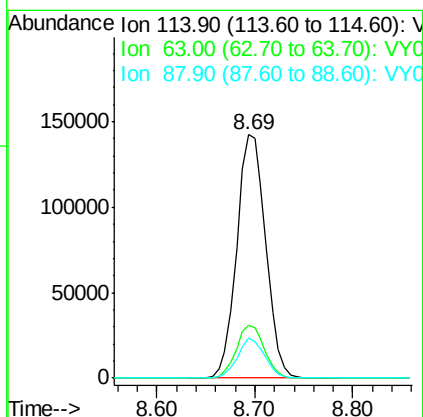
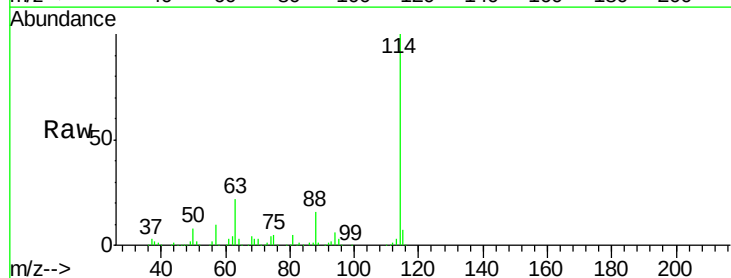
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

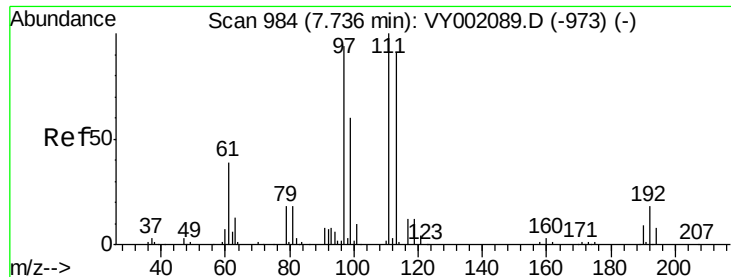
Tgt Ion: 65 Resp: 93716
 Ion Ratio Lower Upper
 65 100
 67 56.8 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 114 Resp: 291306
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.4
 88 16.3 0.0 33.0

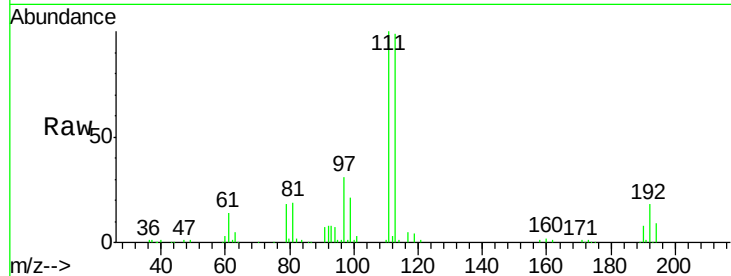




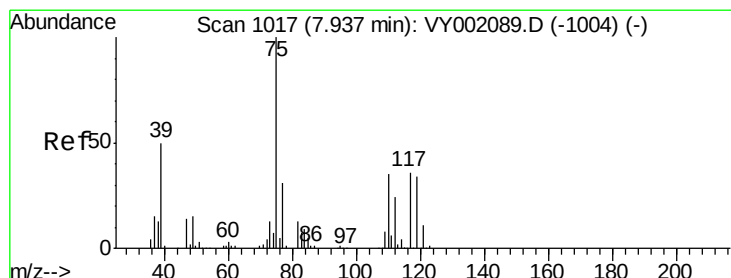
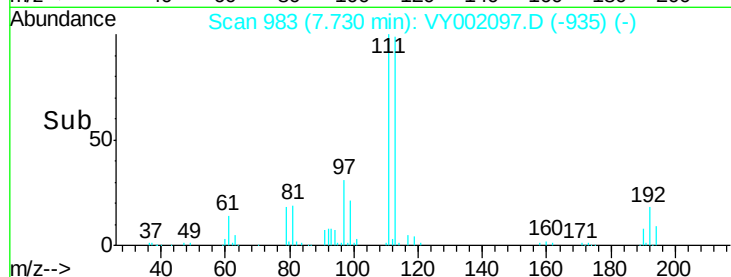
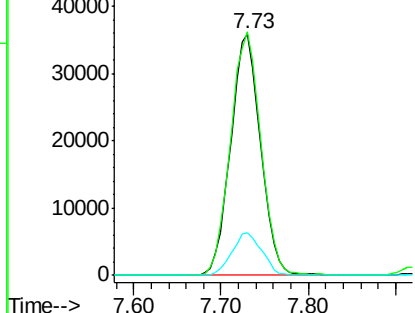
#35
 Dibromofluoromethane
 Concen: 52.224 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tgt Ion: 113 Resp: 85241
 Ion Ratio Lower Upper
 113 100
 111 102.2 84.4 126.6
 192 17.7 14.6 21.8

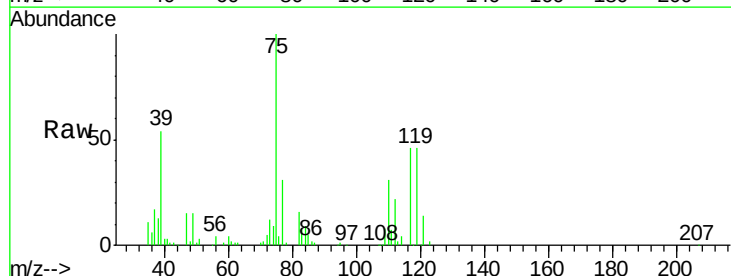


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

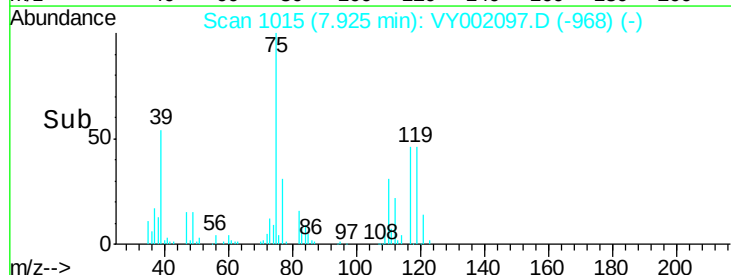
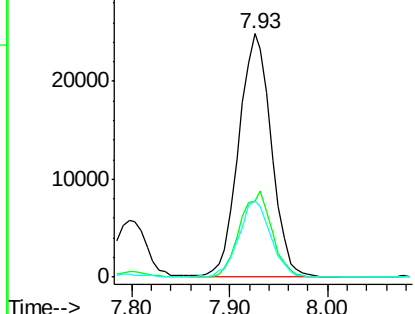


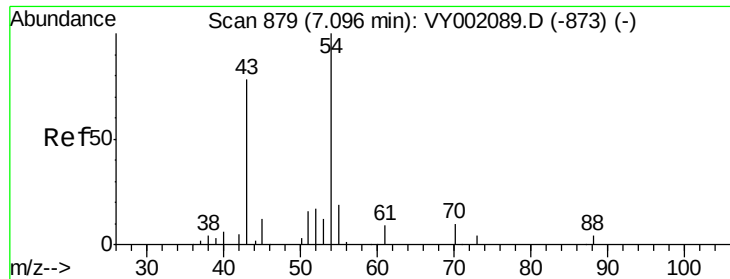
#36
 1,1-Dichloropropene
 Concen: 20.920 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 75 Resp: 57643
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.2 51.6
 77 30.6 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

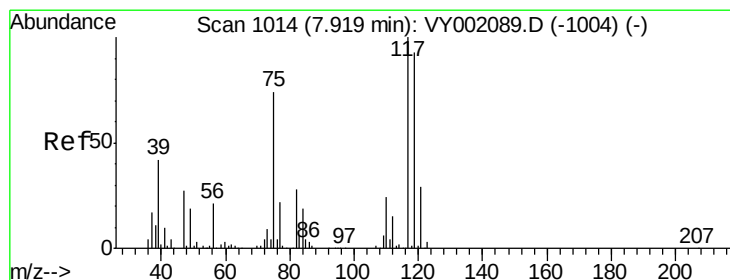
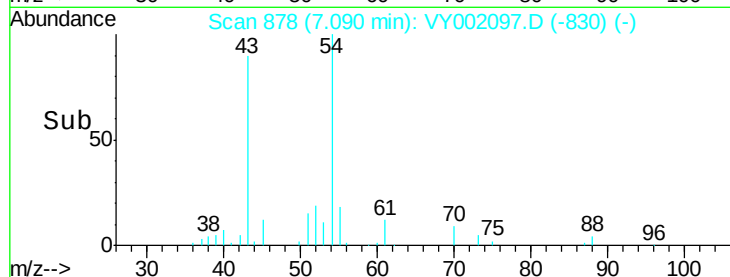
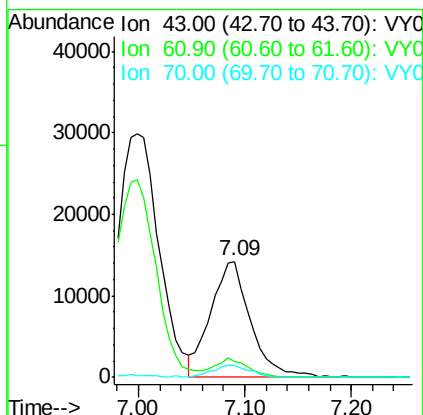
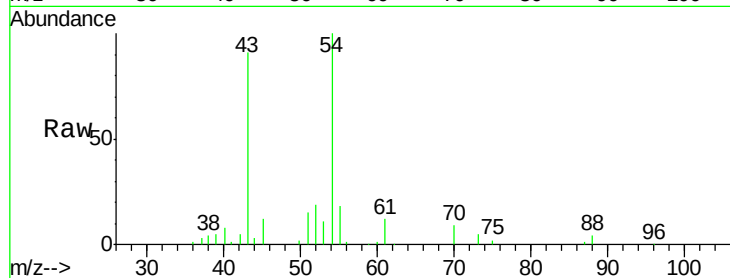




#37
Ethyl Acetate
Concen: 21.886 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

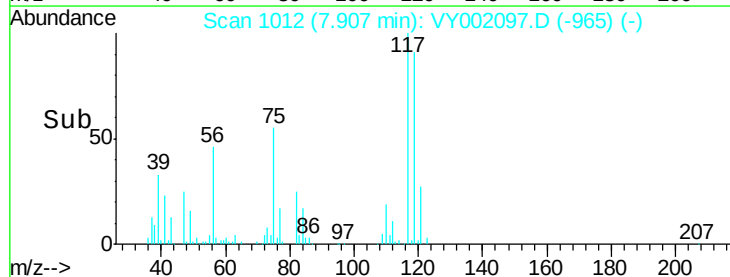
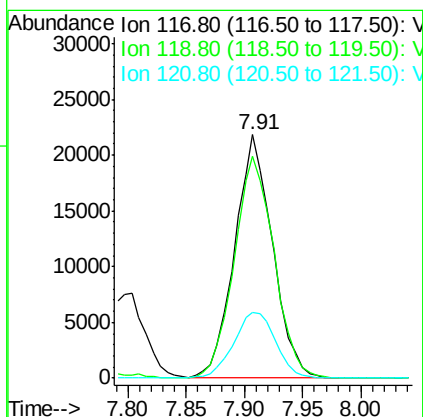
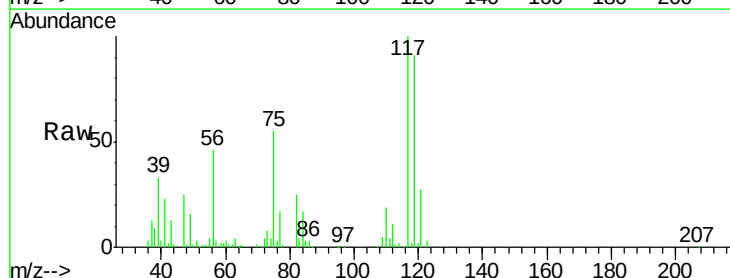
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

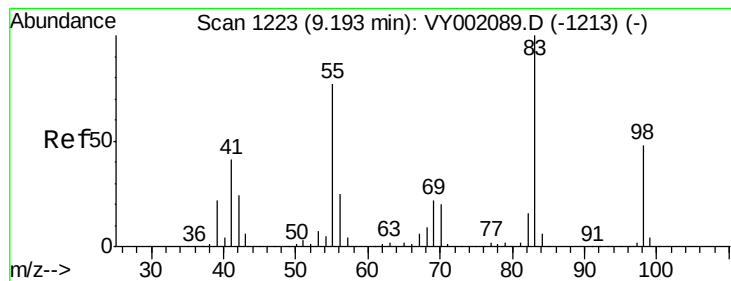
Tgt Ion: 43 Resp: 36442
Ion Ratio Lower Upper
43 100
61 13.7 11.2 16.8
70 10.1 8.2 12.4



#38
Carbon Tetrachloride
Concen: 21.111 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 117 Resp: 49350
Ion Ratio Lower Upper
117 100
119 91.0 74.3 111.5
121 27.1 23.3 34.9





#39

Methylcyclohexane

Concen: 21.009 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

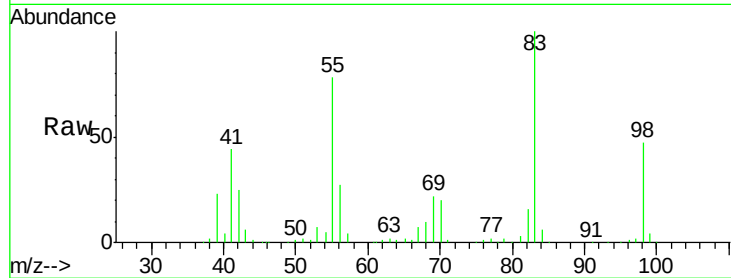
Tgt Ion: 83 Resp: 75931

Ion Ratio Lower Upper

83 100

55 77.8 61.2 91.8

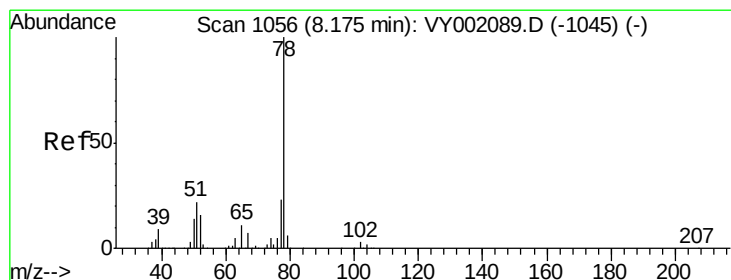
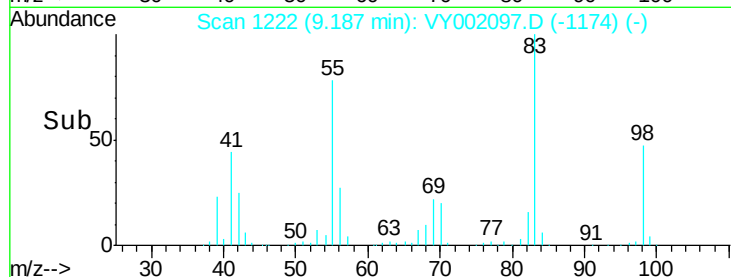
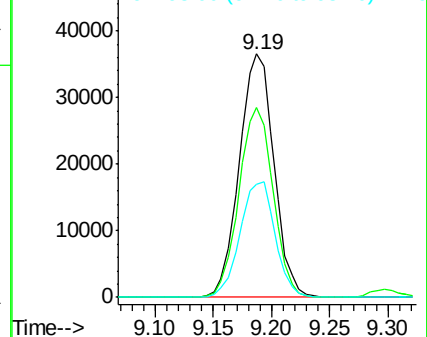
98 46.6 38.2 57.2



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40

Benzene

Concen: 20.812 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY002097.D

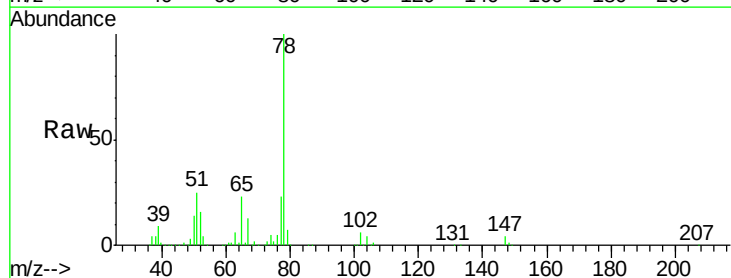
Acq: 27 Mar 2020 12:10

Tgt Ion: 78 Resp: 169863

Ion Ratio Lower Upper

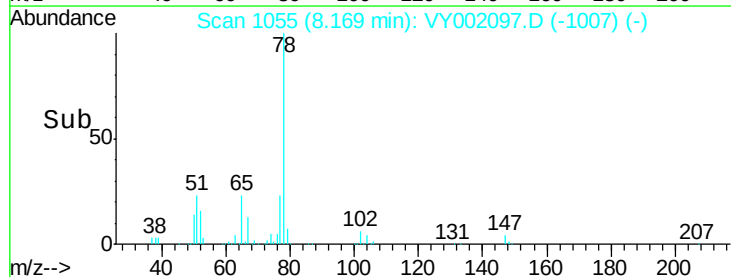
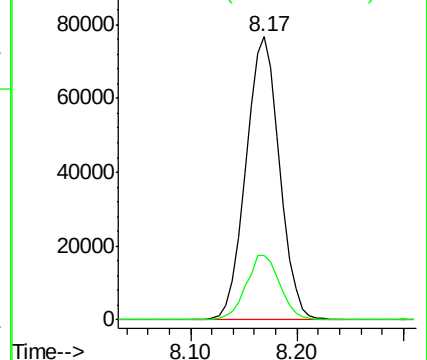
78 100

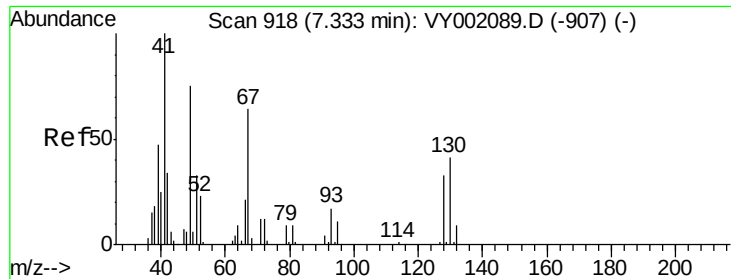
77 22.9 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

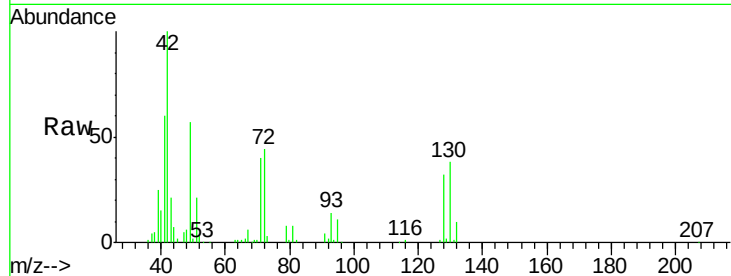




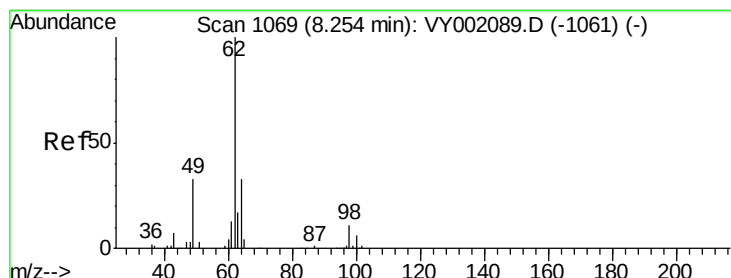
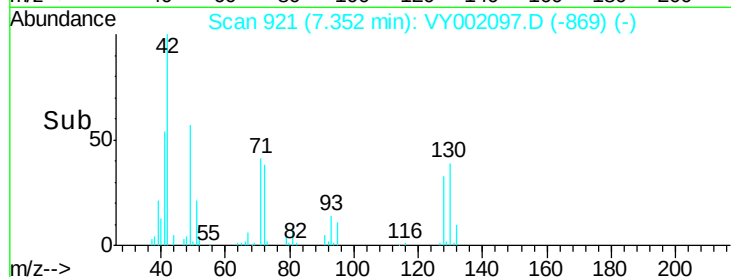
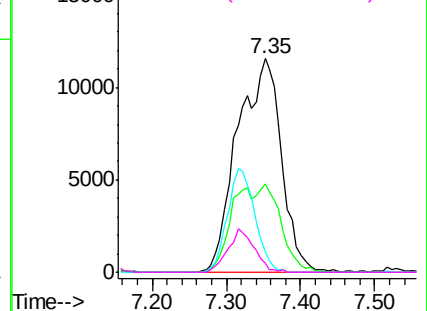
#41
Methacrylonitrile
Concen: 56.411 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion:	41	Resp:	47511
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

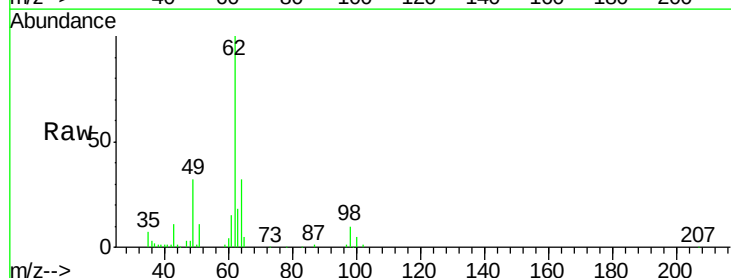


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

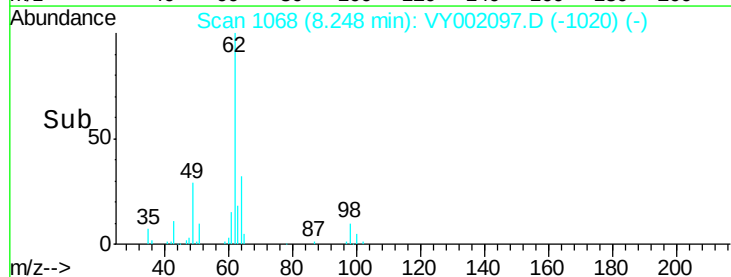
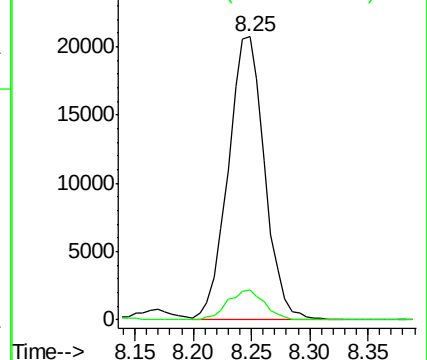


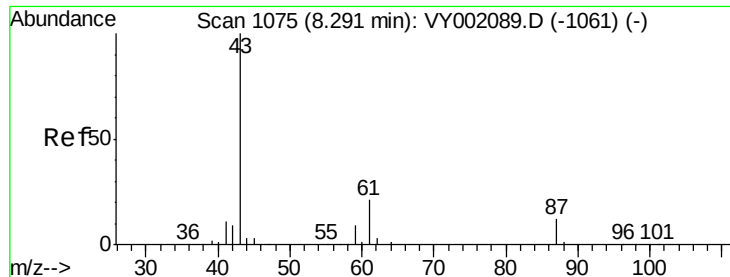
#42
1,2-Dichloroethane
Concen: 20.795 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion:	62	Resp:	45060
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2



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

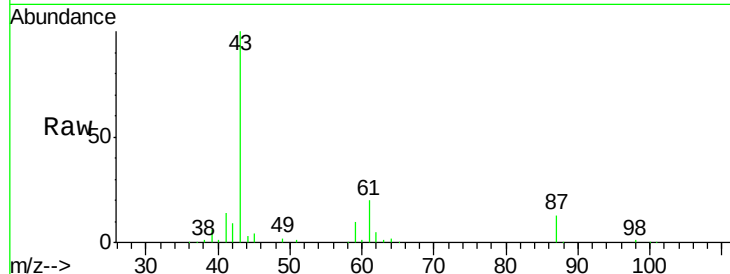




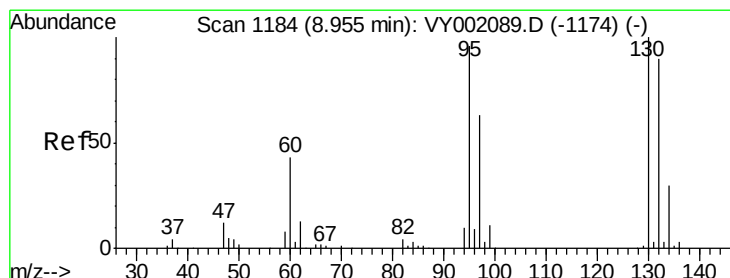
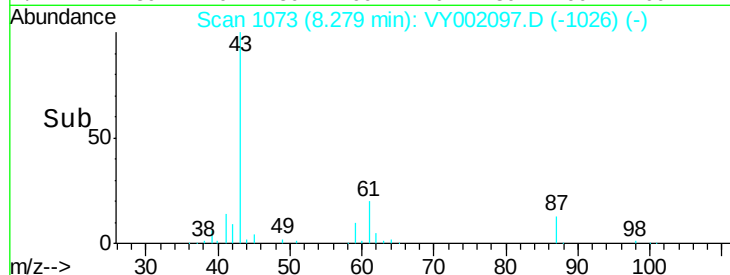
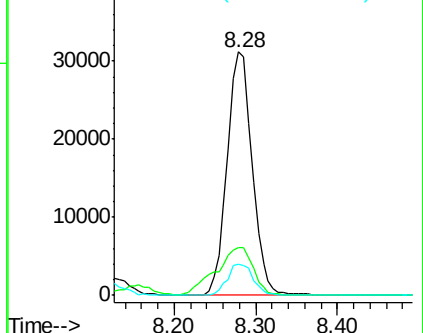
#43
Isopropyl Acetate
Concen: 21.416 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion: 43 Resp: 66183
Ion Ratio Lower Upper
43 100
61 29.3 23.4 35.2
87 13.2 10.2 15.4

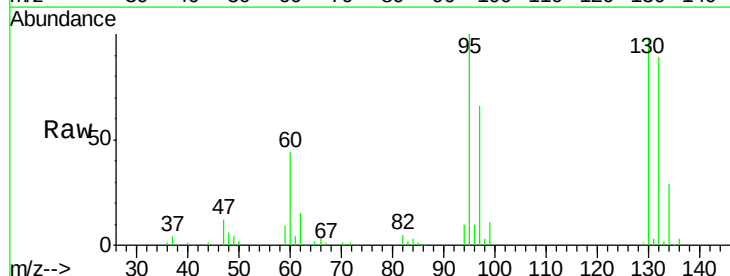


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

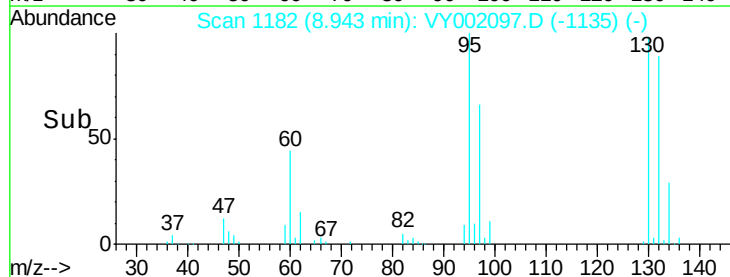
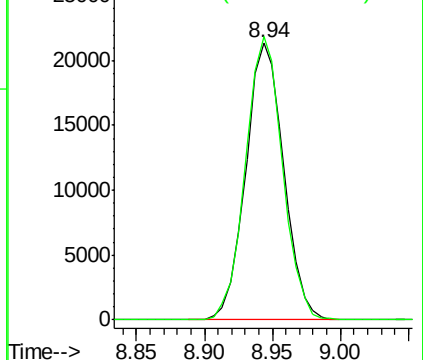


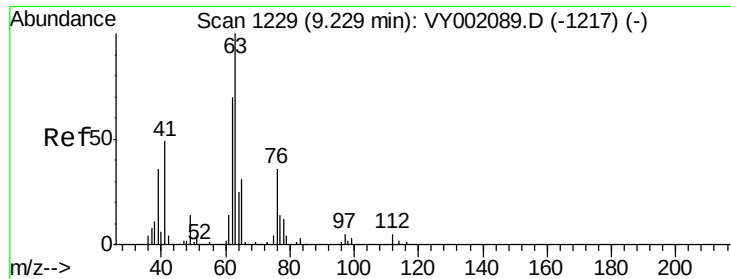
#44
Trichloroethene
Concen: 21.200 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 130 Resp: 41709
Ion Ratio Lower Upper
130 100
95 102.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

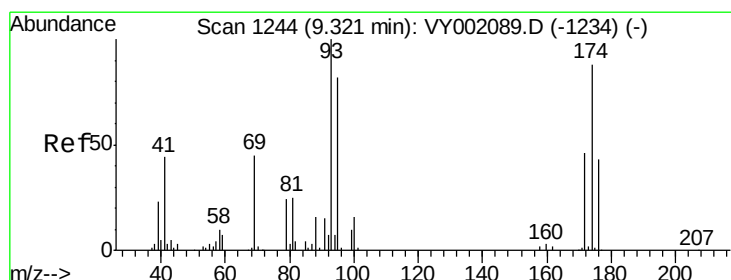
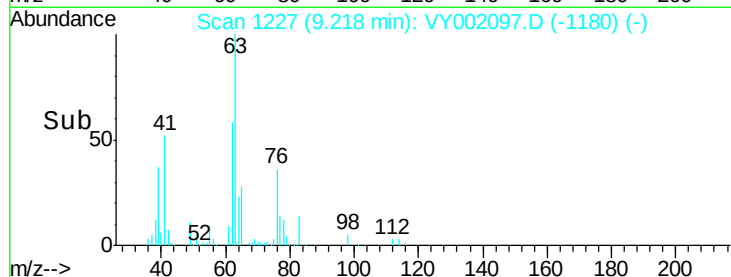
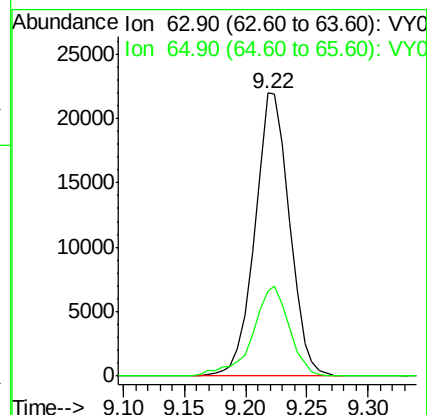
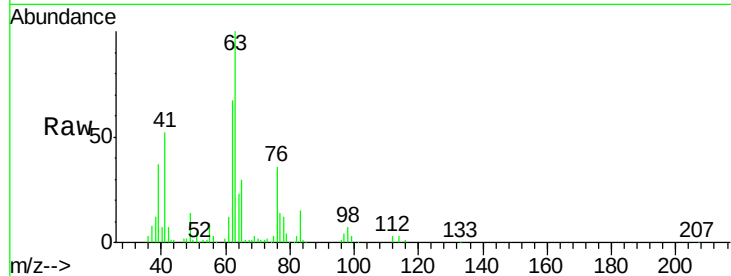




#45
 1,2-Dichloropropane
 Concen: 20.885 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

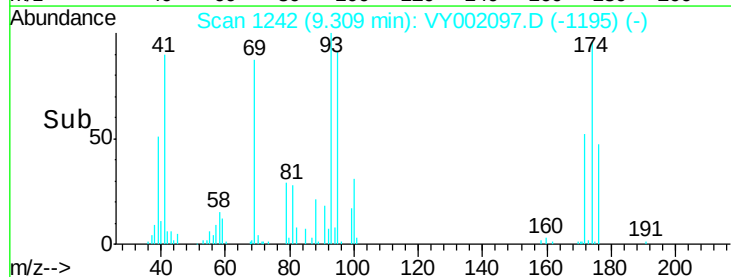
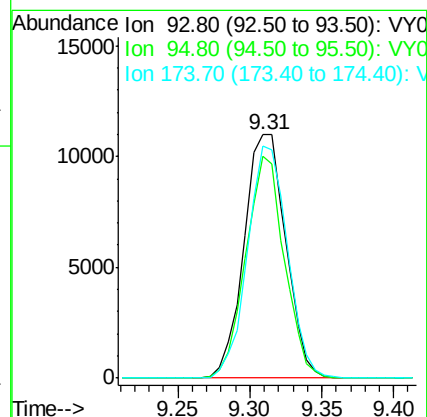
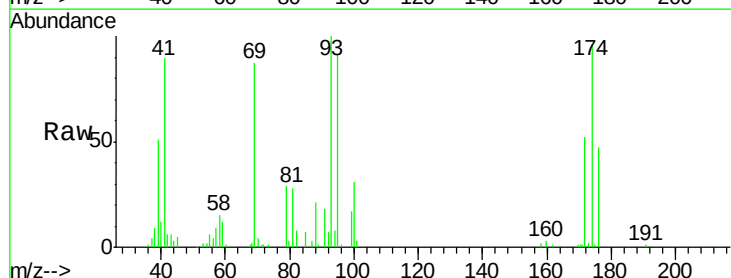
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBSD01

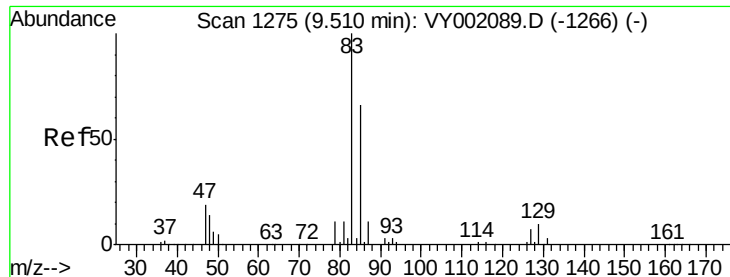
Tgt Ion: 63 Resp: 43402
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.0 37.6



#46
 Dibromomethane
 Concen: 20.701 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 93 Resp: 22093
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.0 99.0
 174 90.8 69.8 104.8





#47

Bromodichloromethane

Concen: 20.951 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

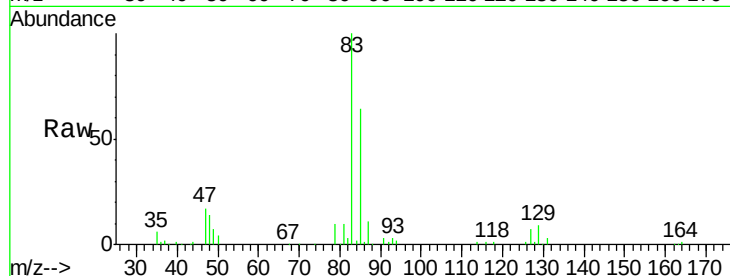
Tgt Ion: 83 Resp: 52053

Ion Ratio Lower Upper

83 100

85 64.5 52.6 79.0

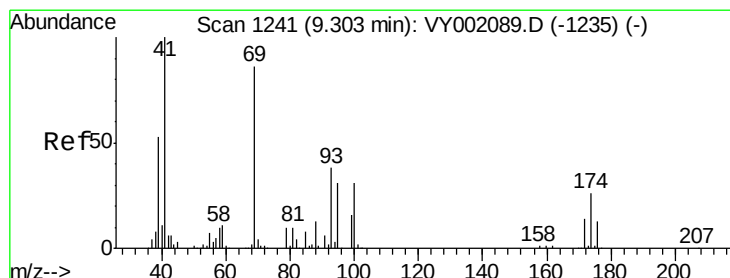
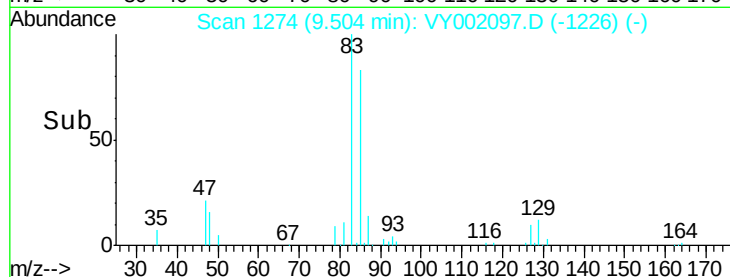
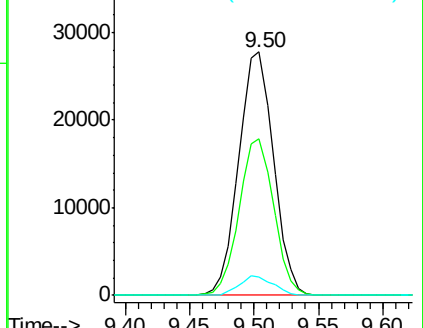
127 7.5 5.9 8.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 22.017 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

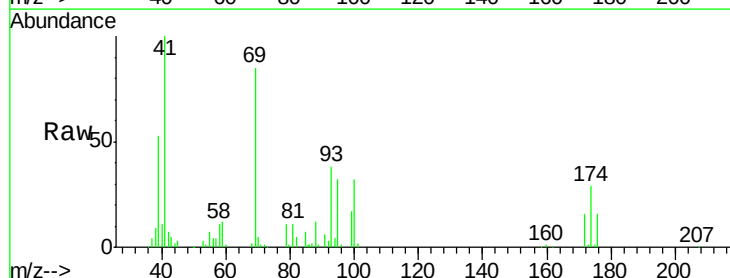
Tgt Ion: 41 Resp: 30492

Ion Ratio Lower Upper

41 100

69 85.0 71.4 107.0

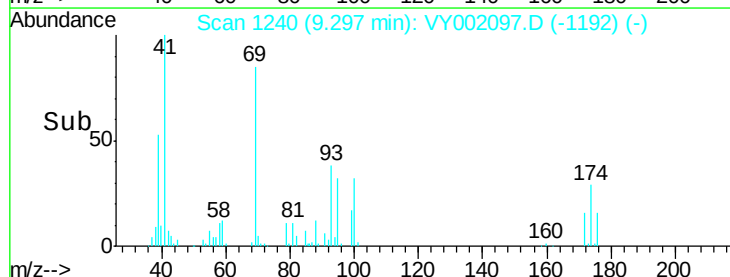
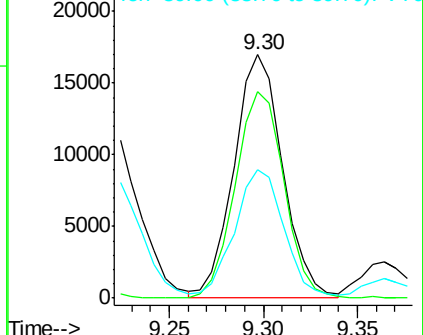
39 51.0 41.0 61.4

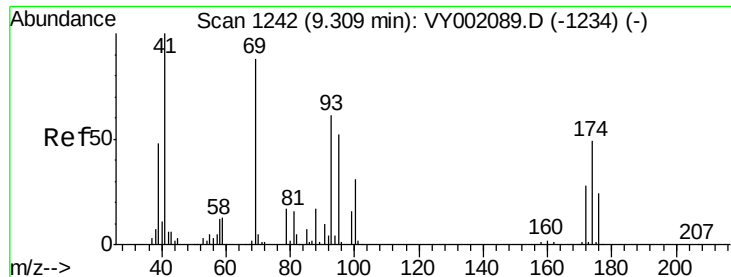


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 418.087 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

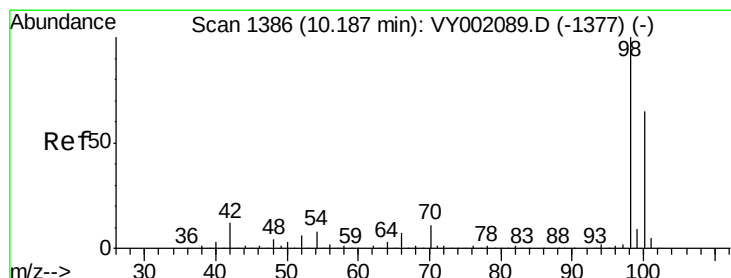
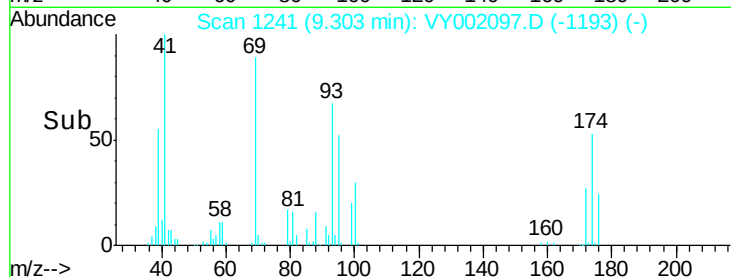
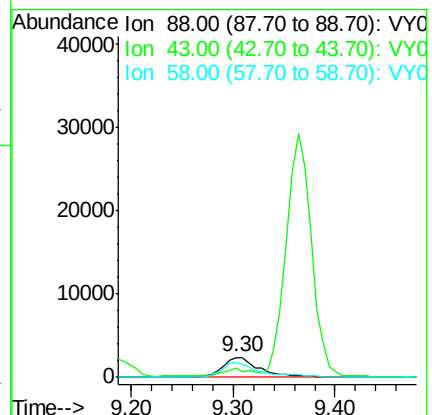
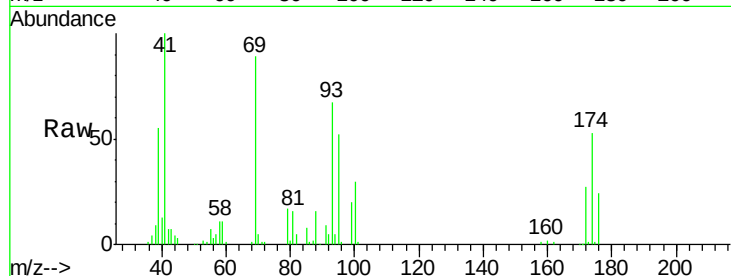
Tgt Ion: 88 Resp: 6123

Ion Ratio Lower Upper

88 100

43 29.0 27.2 40.8

58 77.1 59.8 89.8



#50

Toluene-d8

Concen: 52.005 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002097.D

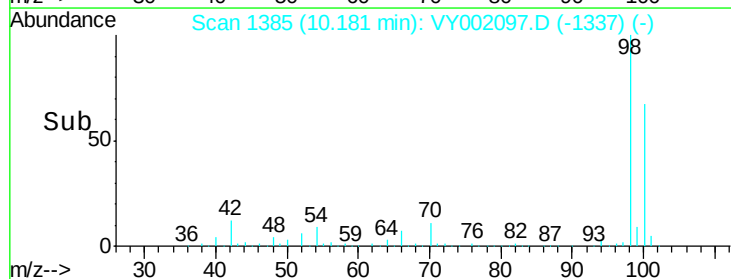
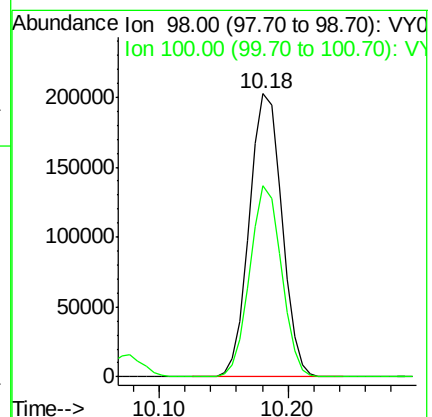
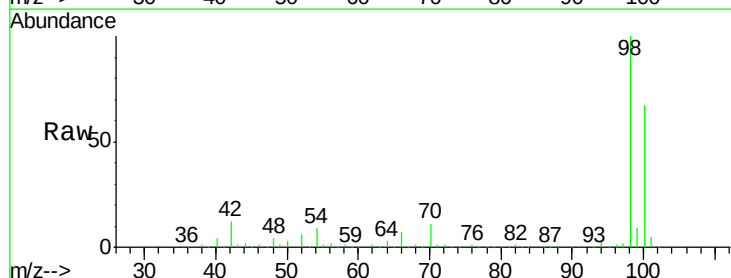
Acq: 27 Mar 2020 12:10

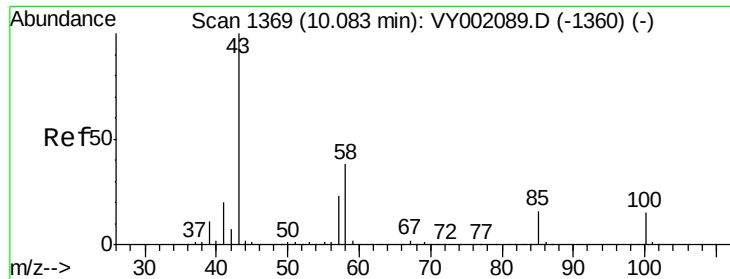
Tgt Ion: 98 Resp: 352632

Ion Ratio Lower Upper

98 100

100 65.7 51.6 77.4

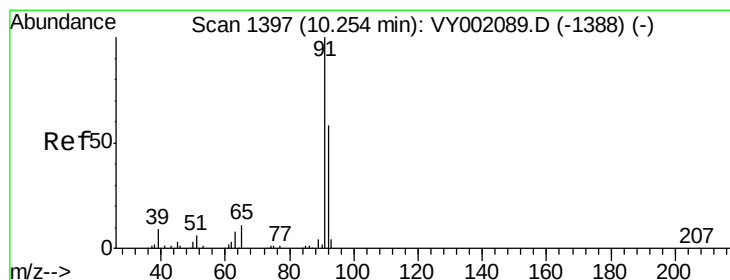
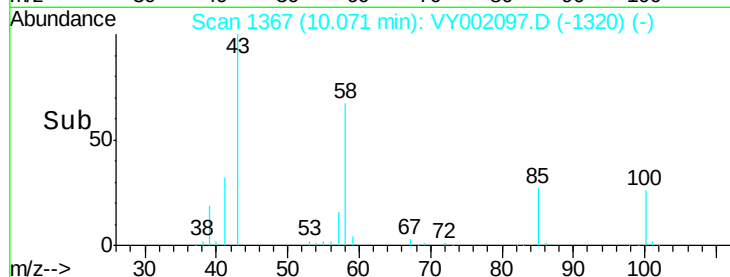
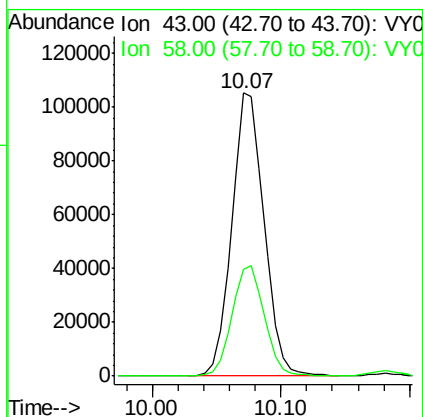
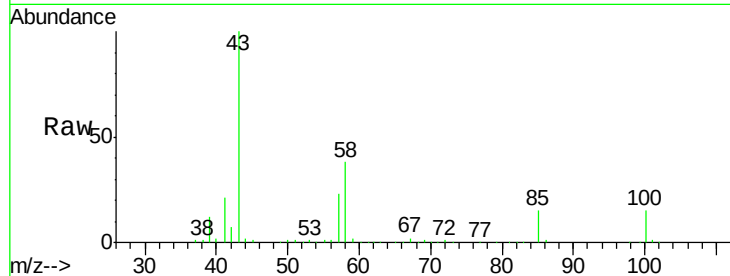




#51
4-Methyl-2-Pentanone
Concen: 115.005 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

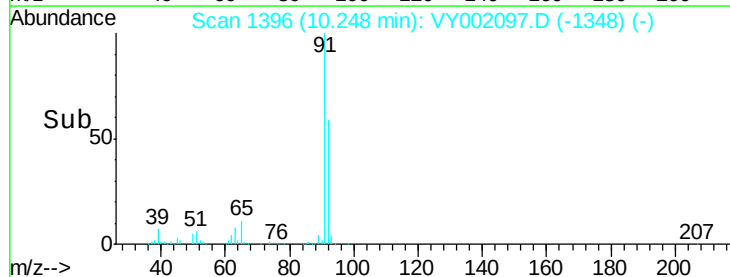
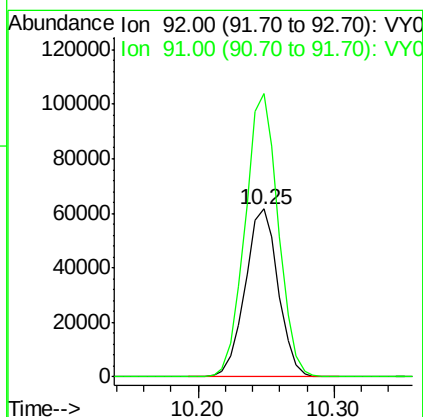
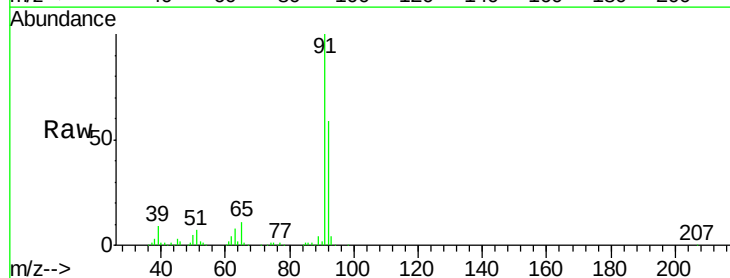
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

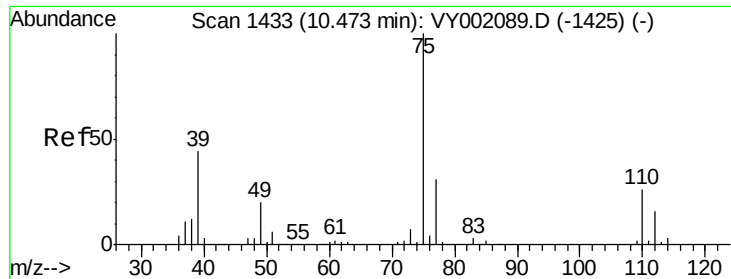
Tgt Ion: 43 Resp: 183010
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4



#52
Toluene
Concen: 21.245 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 92 Resp: 104876
Ion Ratio Lower Upper
92 100
91 168.7 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.651 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

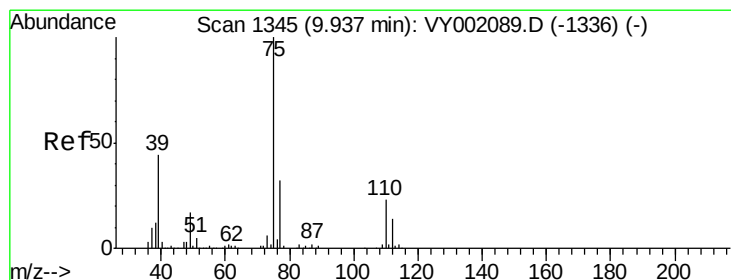
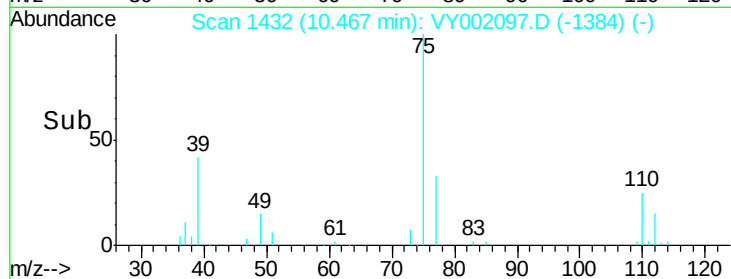
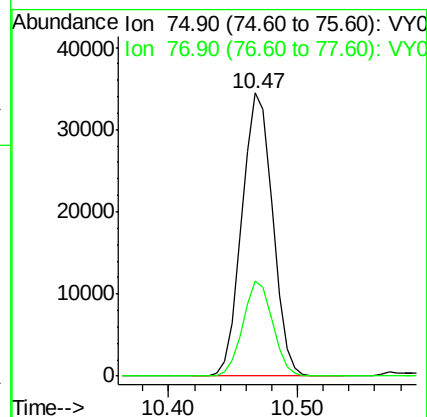
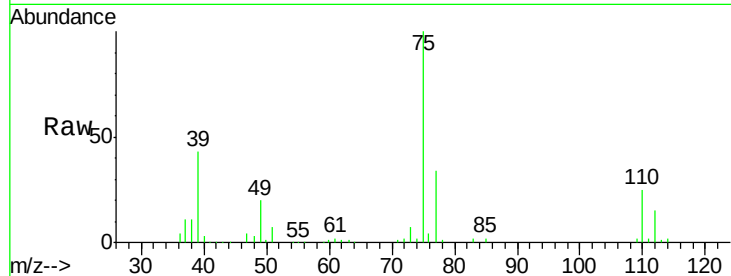
VY0327SBS01

Tgt Ion: 75 Resp: 56947

Ion Ratio Lower Upper

75 100

77 33.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.717 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

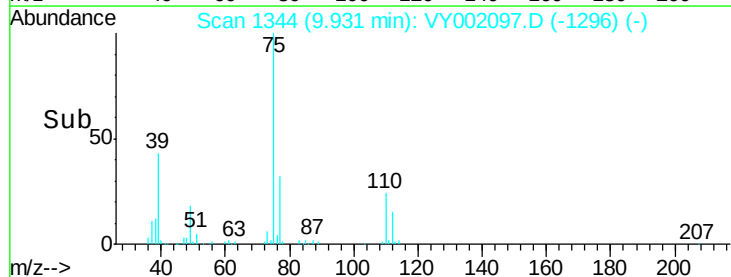
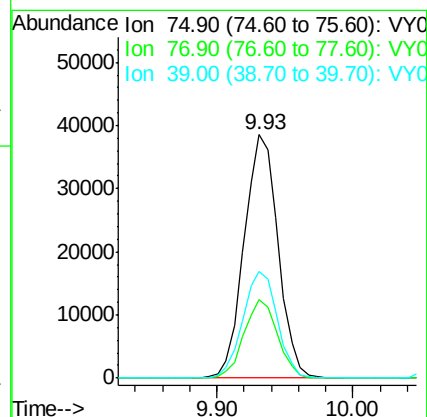
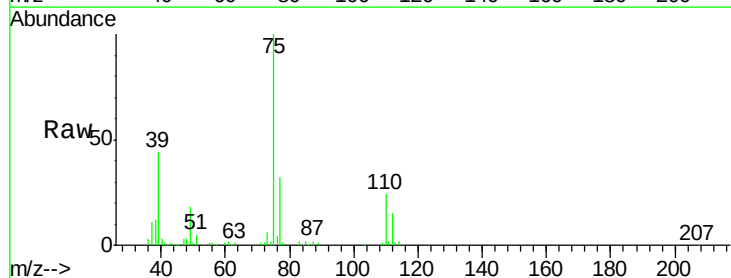
Tgt Ion: 75 Resp: 67261

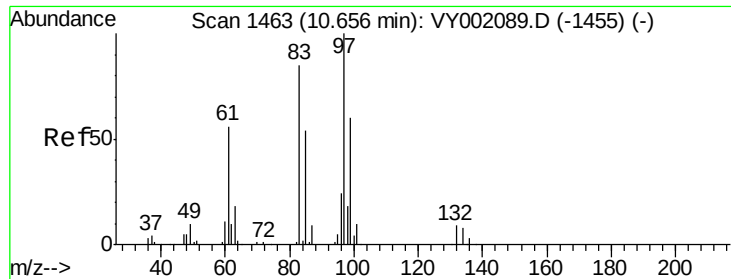
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 43.6 35.2 52.8

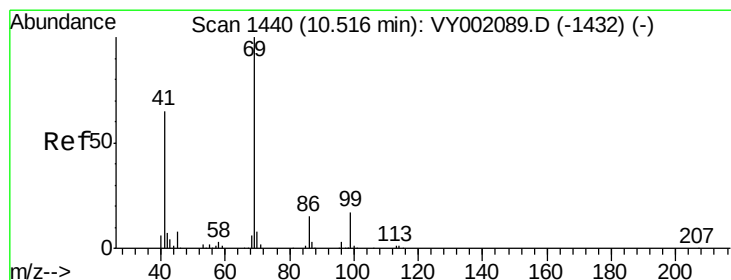
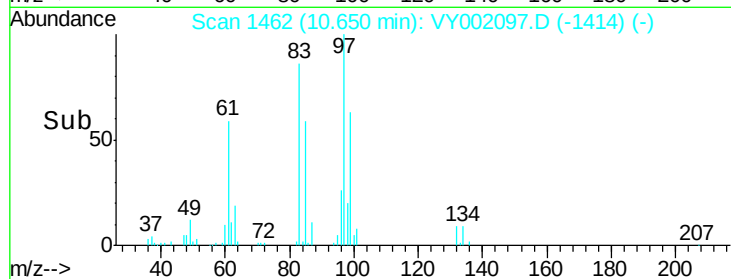
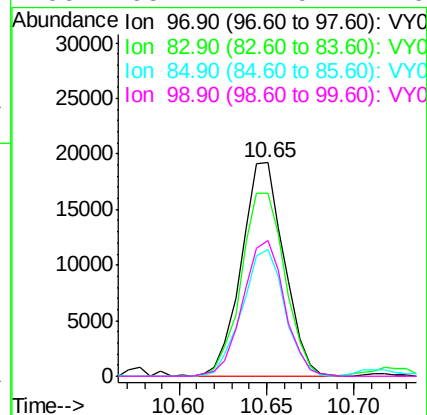
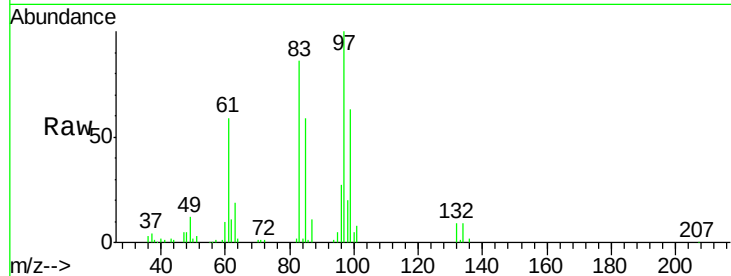




#55
 1,1,2-Trichloroethane
 Concen: 20.696 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

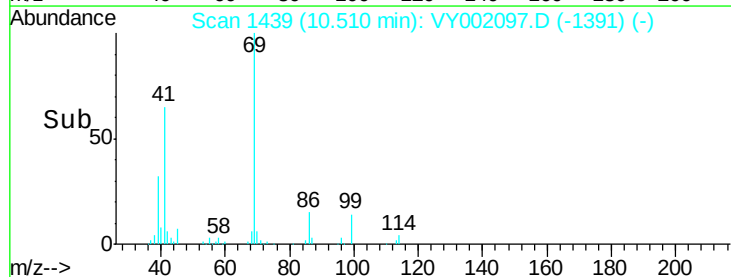
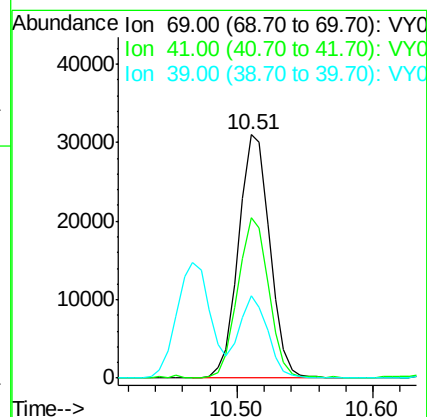
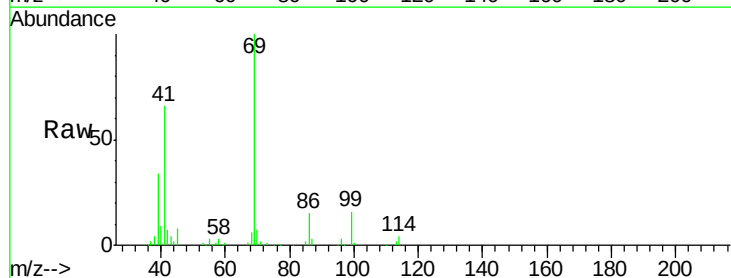
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

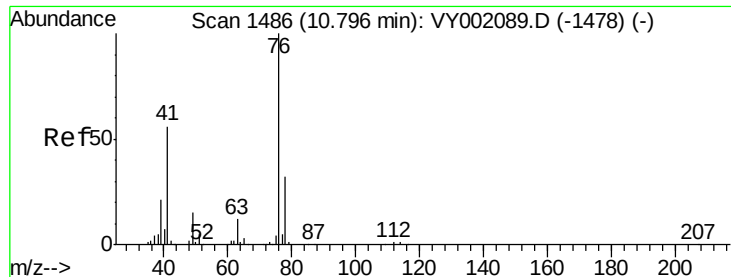
Tgt Ion:	97	Resp:	32691
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.2	102.2
85	59.4	42.9	64.3
99	63.4	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 21.609 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion:	69	Resp:	49853
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.8	79.2
39	30.6	25.0	37.6

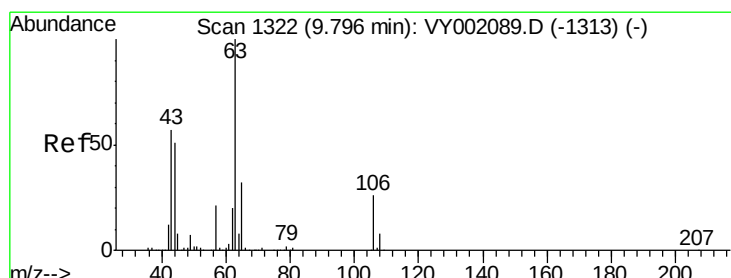
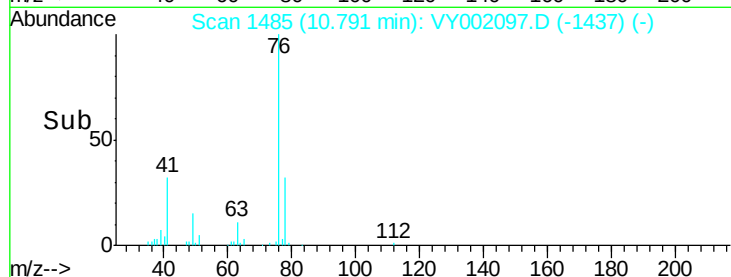
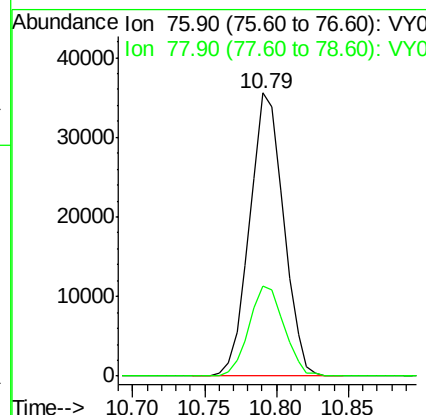
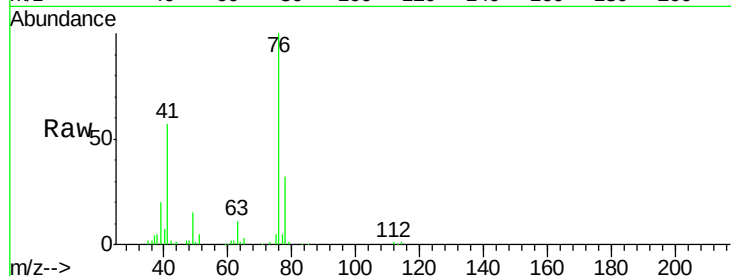




#57
 1,3-Dichloropropane
 Concen: 20.761 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

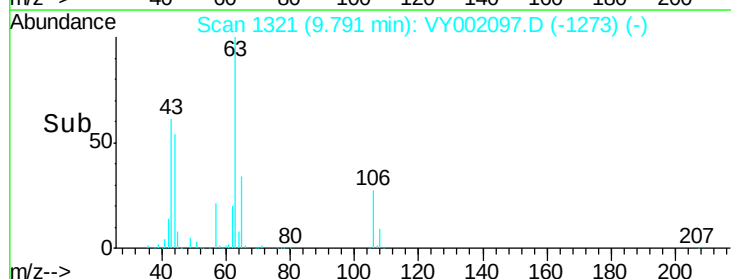
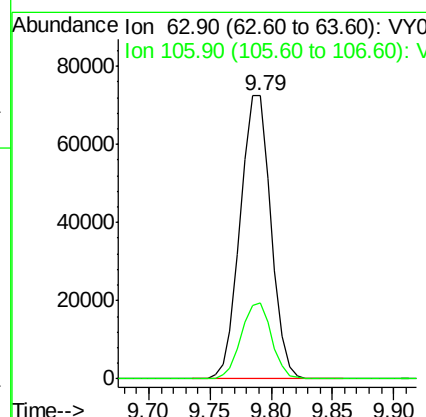
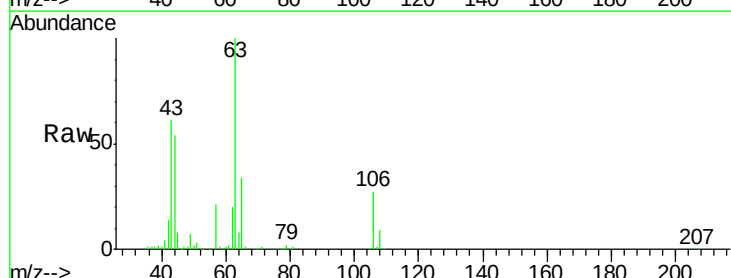
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

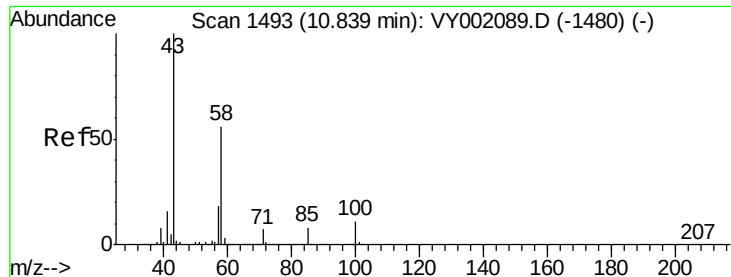
Tgt Ion: 76 Resp: 57941
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.124 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 63 Resp: 125807
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.0 31.4

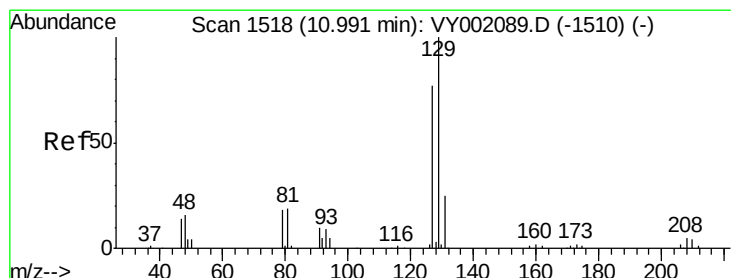
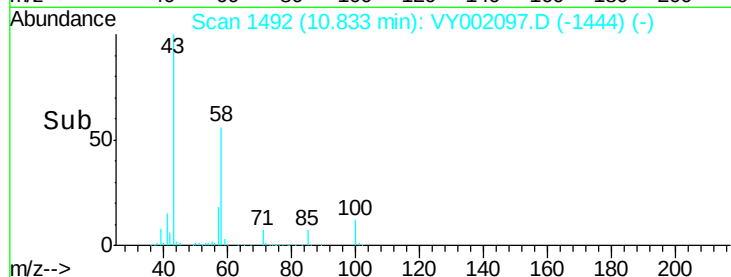
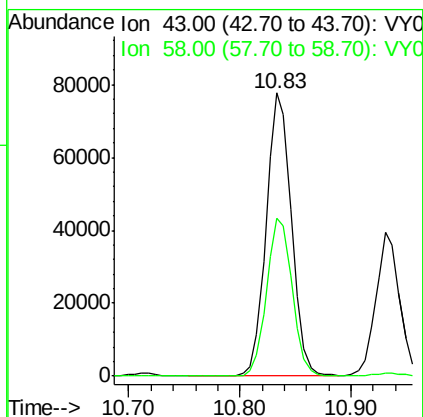
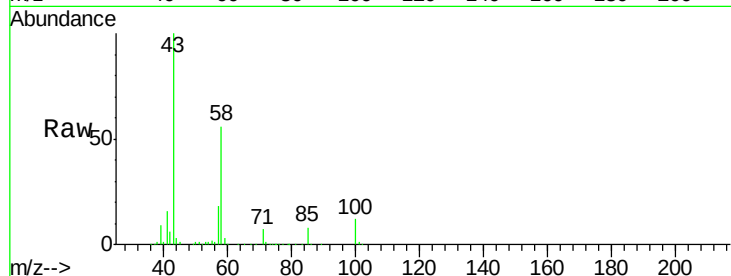




#59
2-Hexanone
Concen: 109.536 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

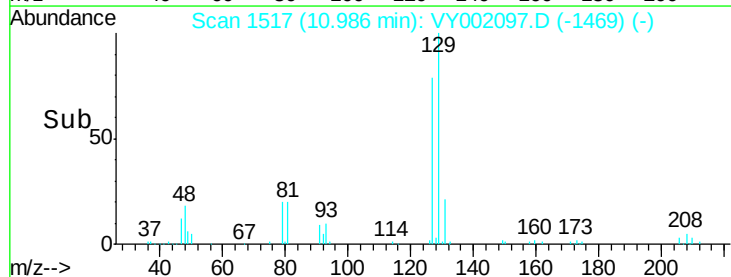
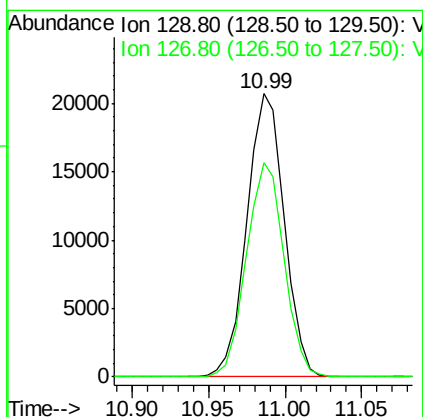
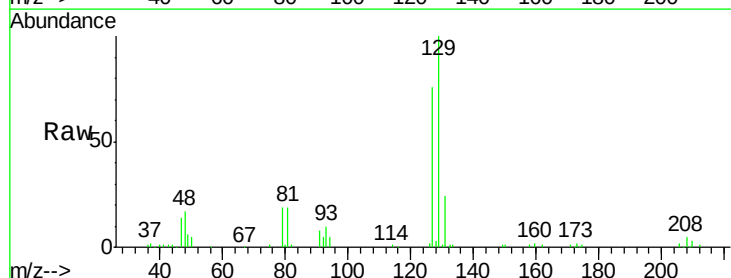
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

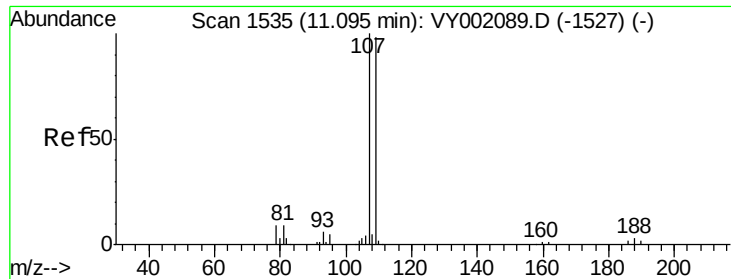
Tgt Ion: 43 Resp: 122785
Ion Ratio Lower Upper
43 100
58 56.6 27.9 83.6



#60
Dibromochloromethane
Concen: 21.291 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 129 Resp: 35192
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1

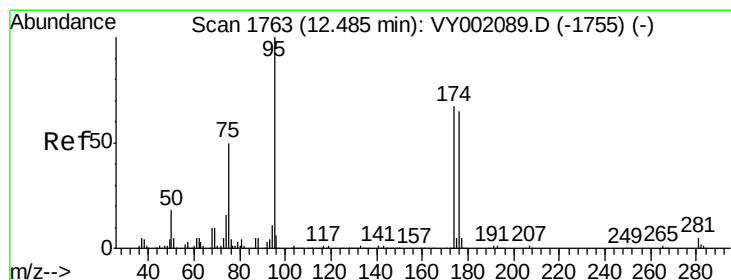
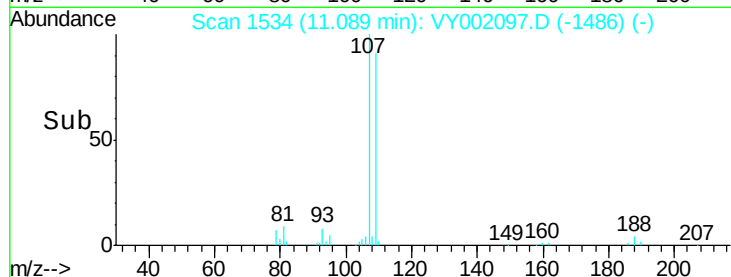
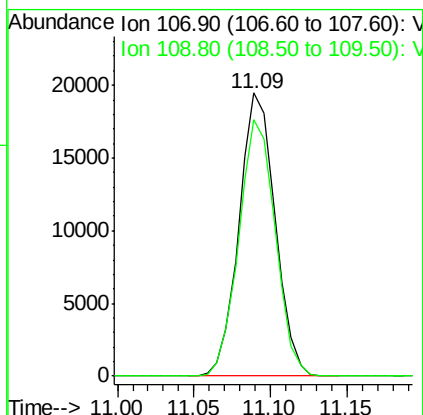
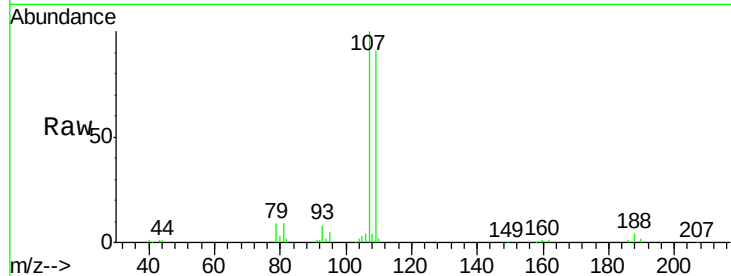




#61
 1,2-Dibromoethane
 Concen: 21.592 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

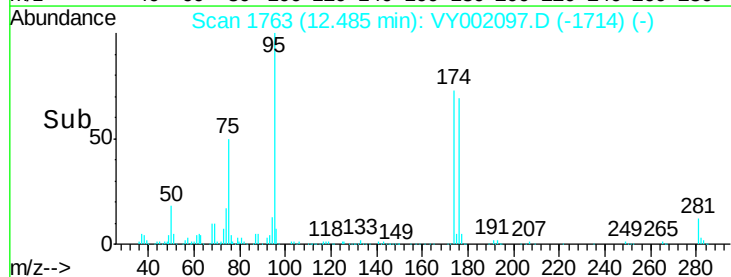
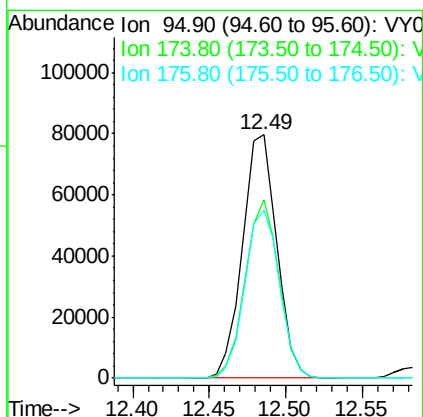
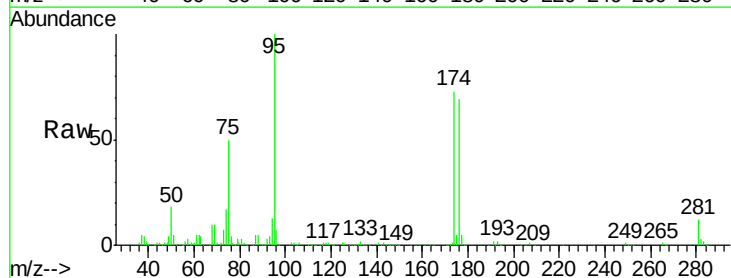
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBSD01

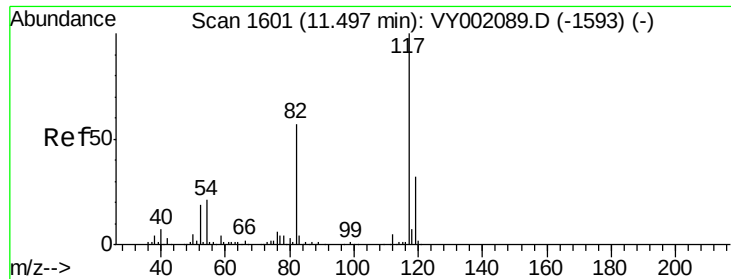
Tgt Ion: 107 Resp: 31923
 Ion Ratio Lower Upper
 107 100
 109 91.5 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 52.404 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 95 Resp: 124273
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 143.4
 176 70.0 0.0 137.0

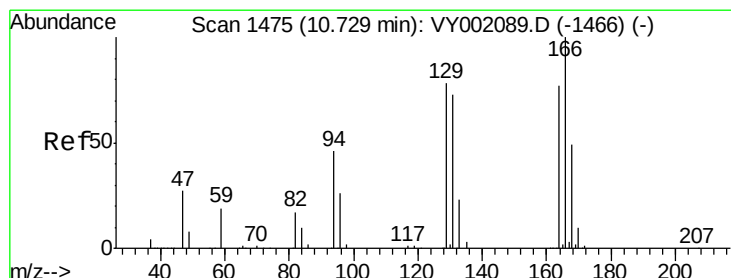
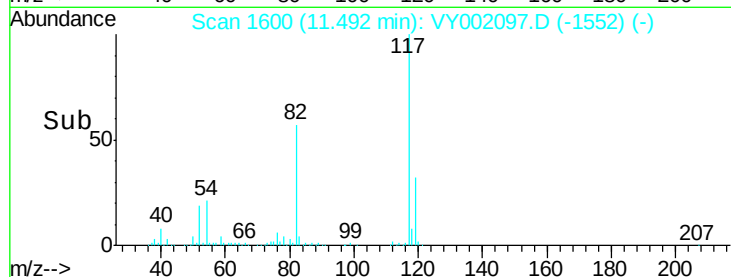
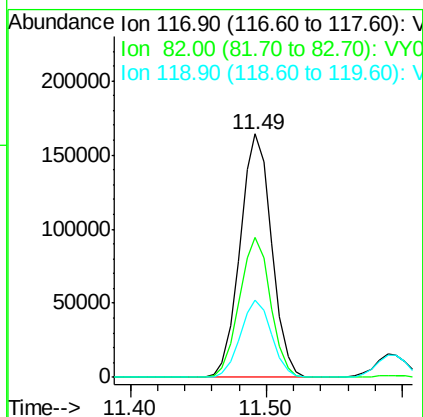
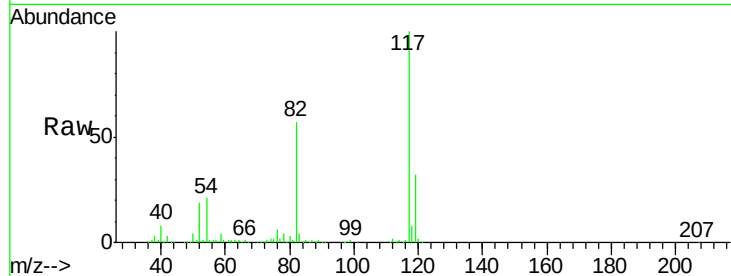




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

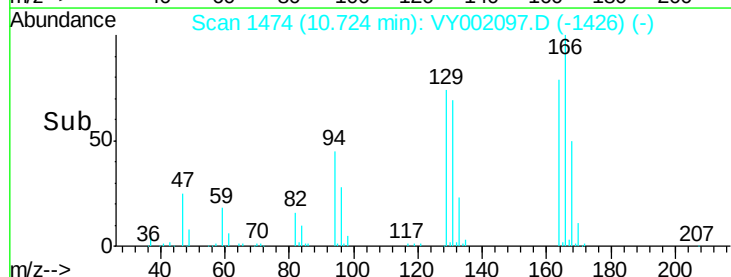
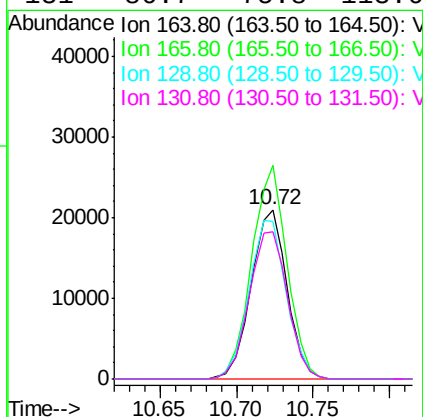
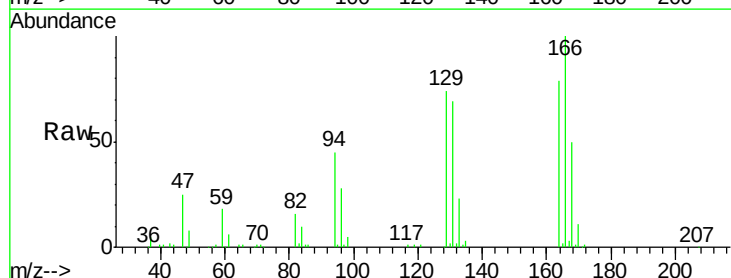
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

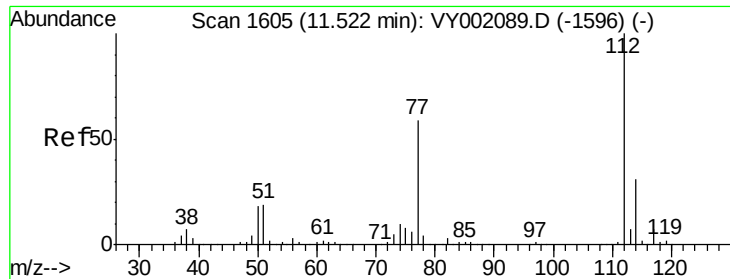
Tgt Ion:117 Resp: 264539
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 21.136 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion:164 Resp: 34209
Ion Ratio Lower Upper
164 100
166 126.3 104.0 156.0
129 93.3 81.2 121.8
131 86.7 75.8 113.6

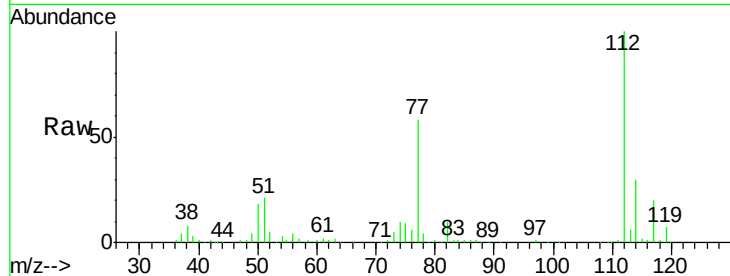




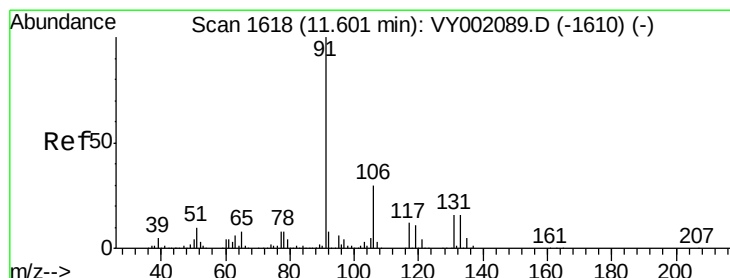
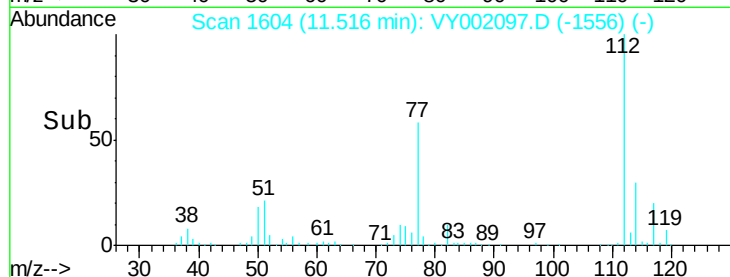
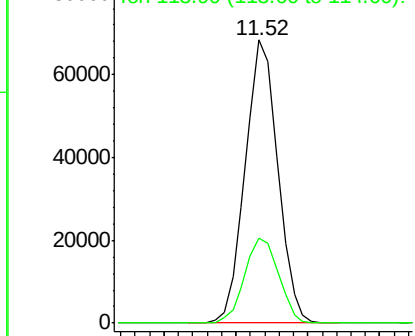
#65
Chlorobenzene
Concen: 20.999 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

Tgt Ion:112 Resp: 107229
Ion Ratio Lower Upper
112 100
114 30.1 24.9 37.3

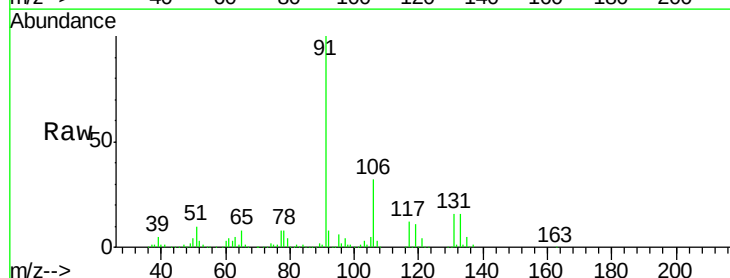


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

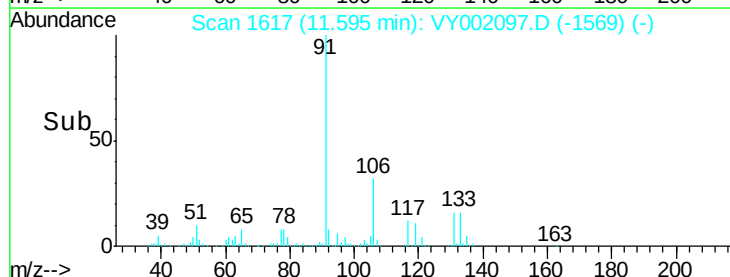
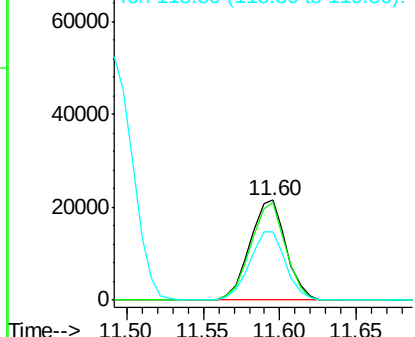


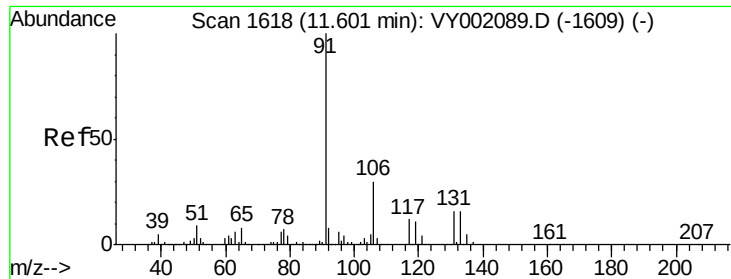
#66
1,1,1,2-Tetrachloroethane
Concen: 20.742 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion:131 Resp: 35435
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 68.0 34.6 103.9



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

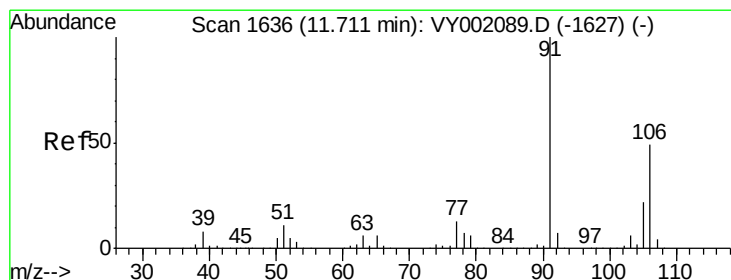
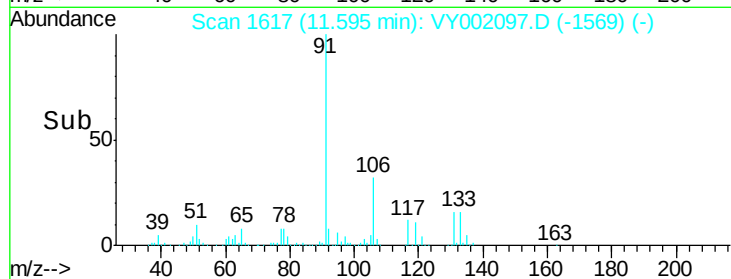
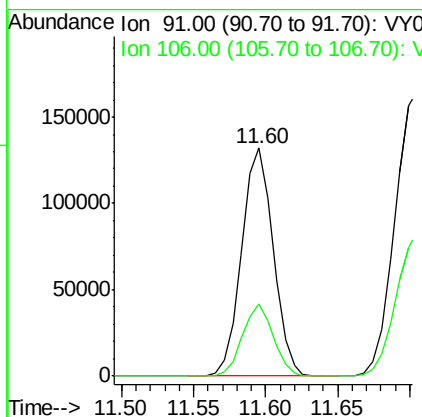
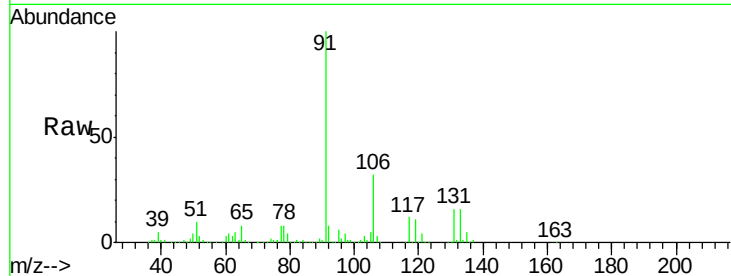




#67
Ethyl Benzene
Concen: 21.115 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

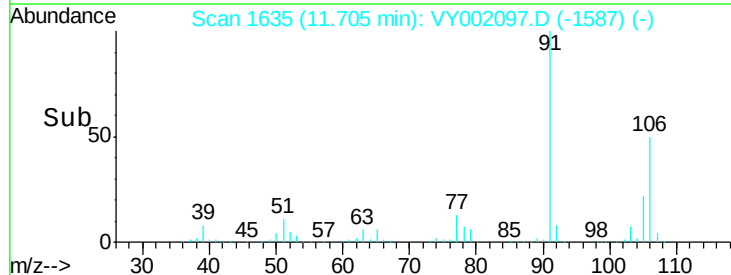
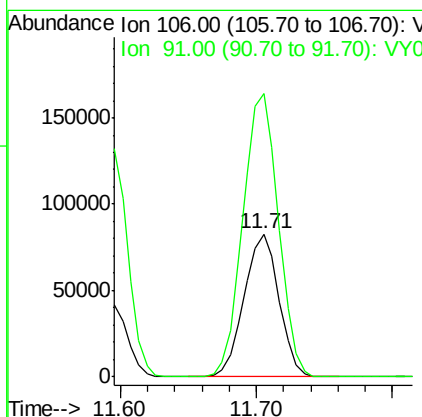
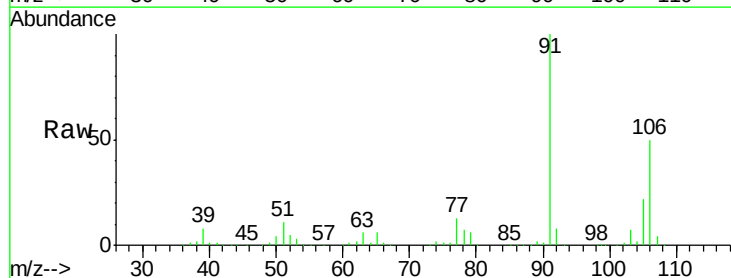
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

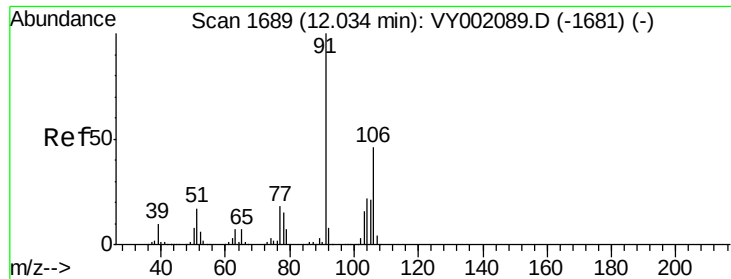
Tgt Ion: 91 Resp: 200254
Ion Ratio Lower Upper
91 100
106 31.7 24.1 36.1



#68
m/p-Xylenes
Concen: 42.378 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 106 Resp: 148603
Ion Ratio Lower Upper
106 100
91 201.9 162.8 244.2

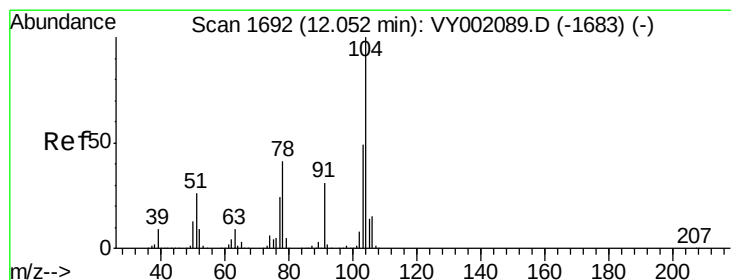
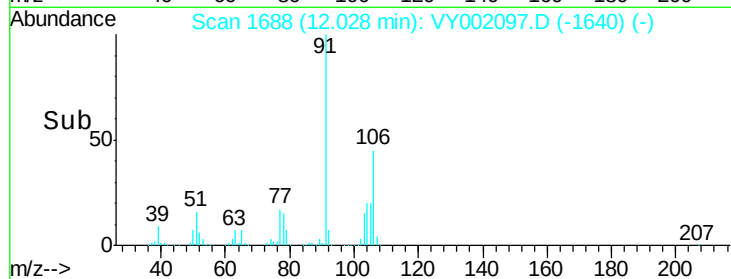
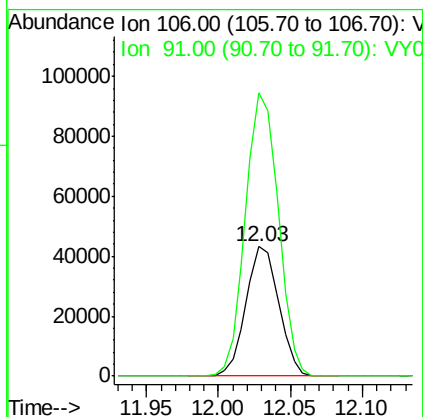
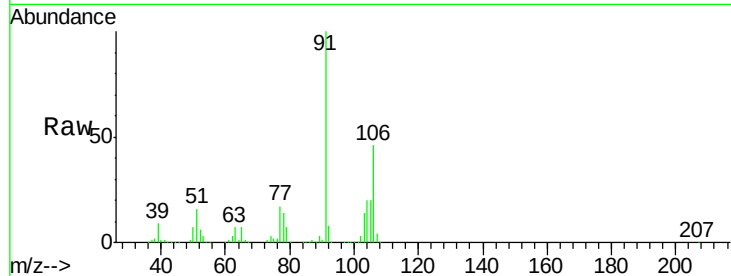




#69
o-Xylene
Concen: 20.639 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

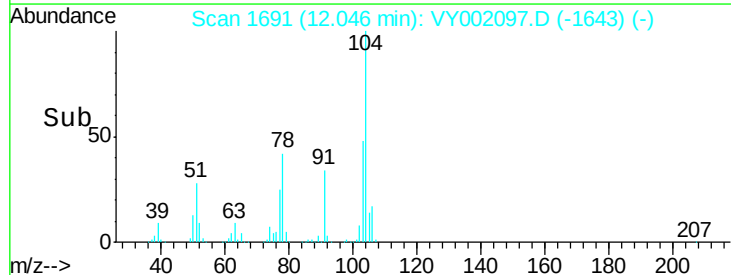
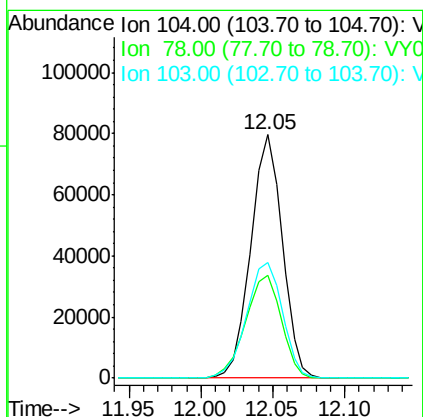
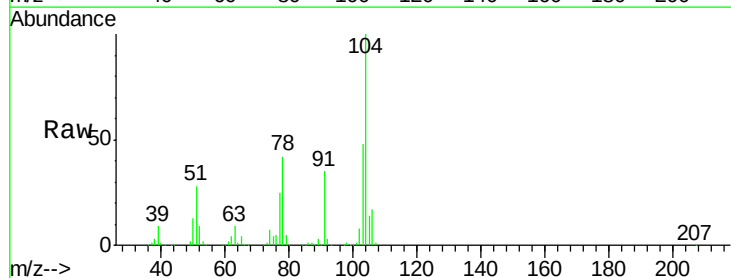
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

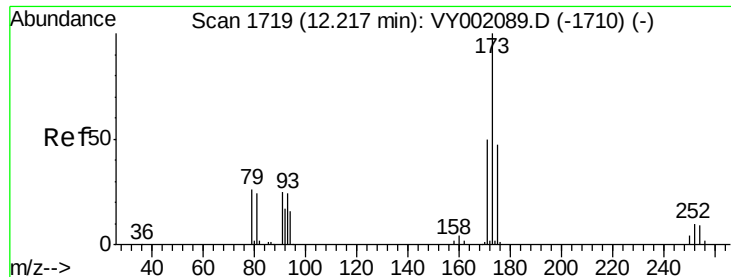
Tgt Ion:106 Resp: 68652
Ion Ratio Lower Upper
106 100
91 218.1 107.3 321.8



#70
Styrene
Concen: 20.972 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion:104 Resp: 120884
Ion Ratio Lower Upper
104 100
78 48.2 37.9 56.9
103 53.9 43.2 64.8





#71

Bromoform

Concen: 20.396 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBSD01

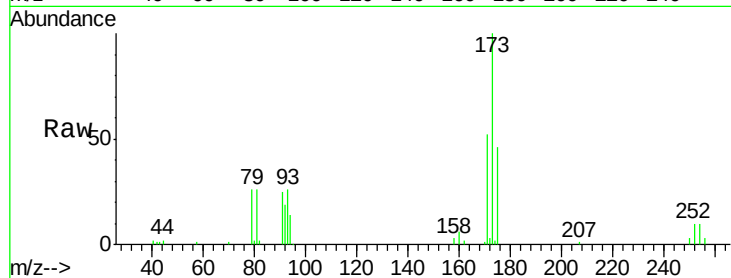
Tgt Ion:173 Resp: 19084

Ion Ratio Lower Upper

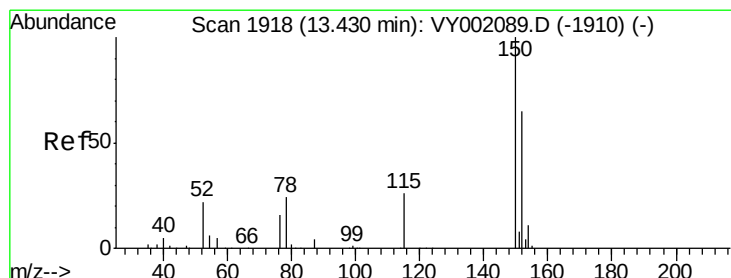
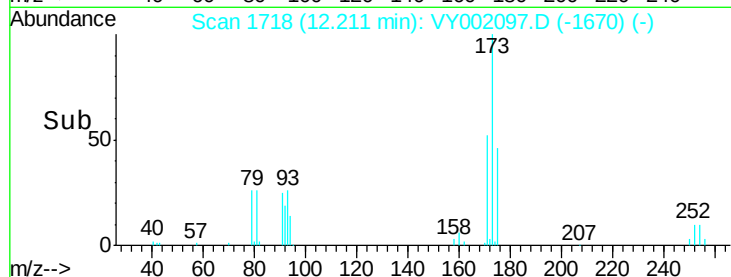
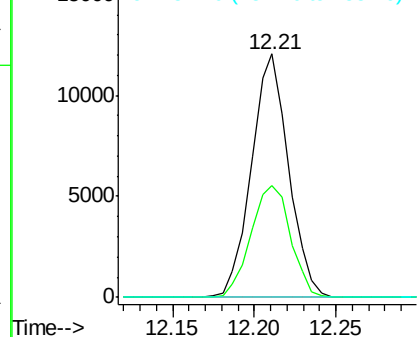
173 100

175 49.3 23.9 71.8

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: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

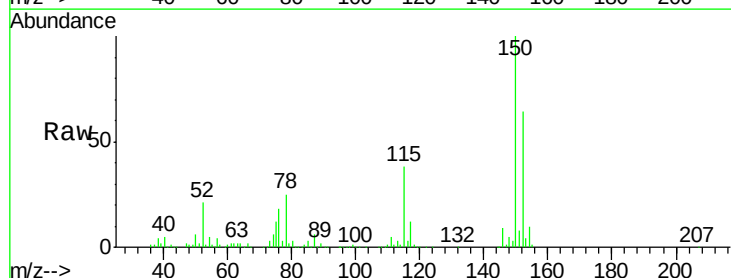
Tgt Ion:152 Resp: 124949

Ion Ratio Lower Upper

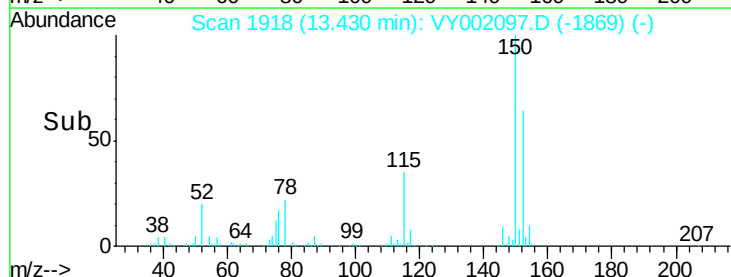
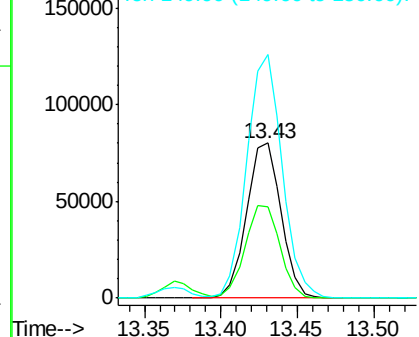
152 100

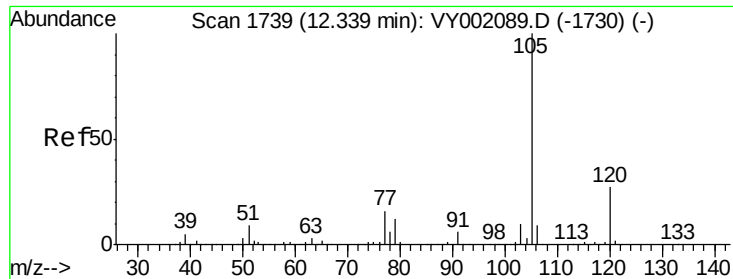
115 61.0 31.2 93.6

150 161.9 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

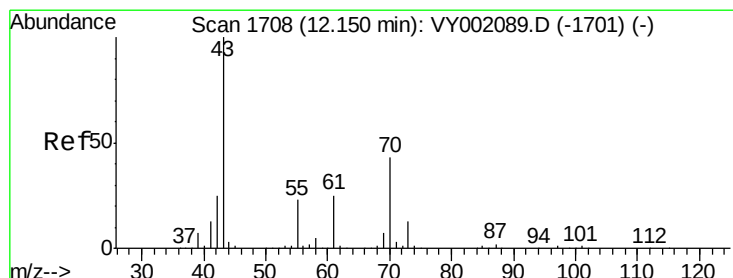
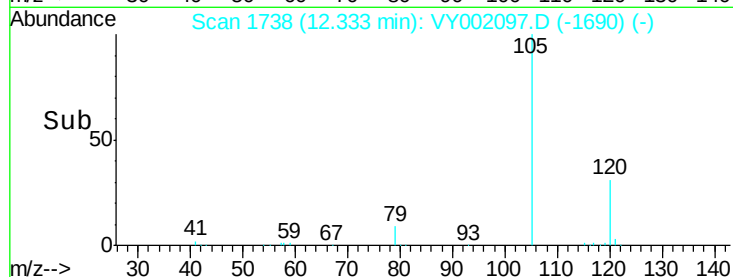
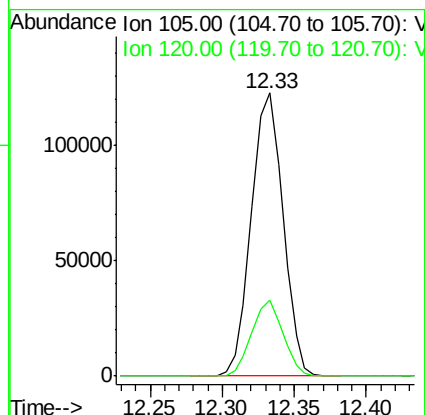
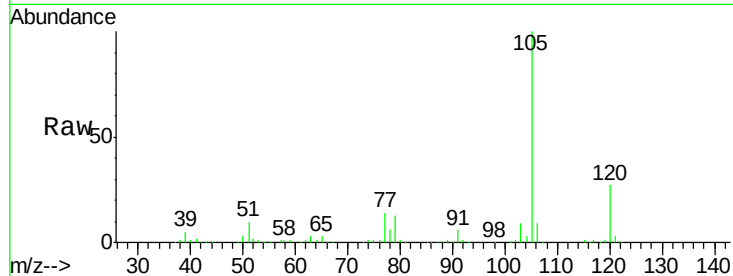




#73
Isopropylbenzene
Concen: 20.180 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

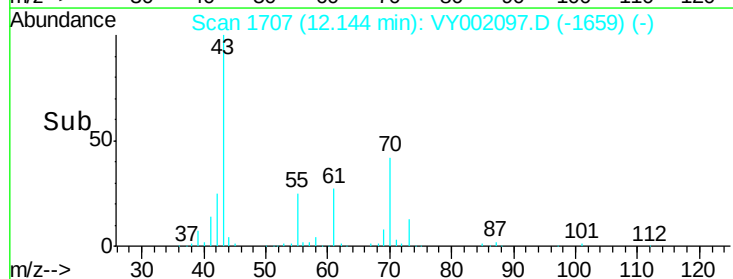
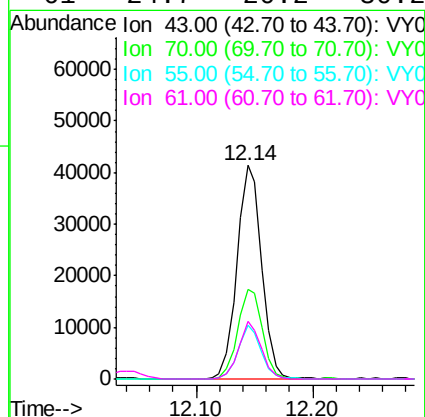
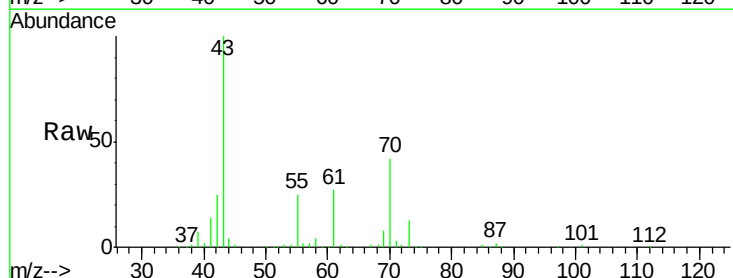
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

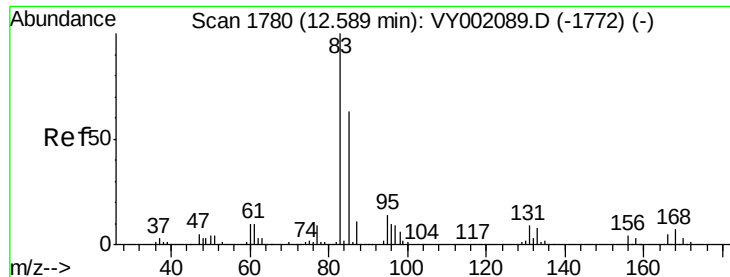
Tgt Ion: 105 Resp: 187048
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.8



#74
N-amyl acetate
Concen: 20.893 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 43 Resp: 61078
Ion Ratio Lower Upper
43 100
70 42.3 35.0 52.4
55 23.5 18.7 28.1
61 24.7 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.024 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

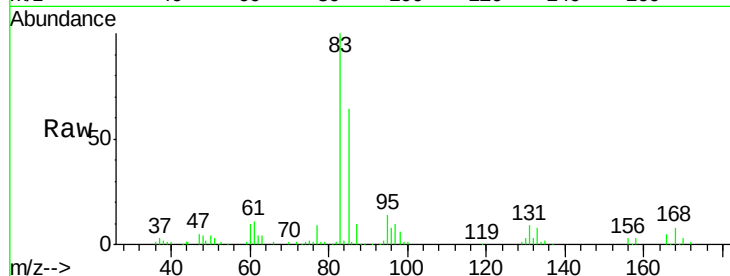
Tgt Ion: 83 Resp: 41932

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

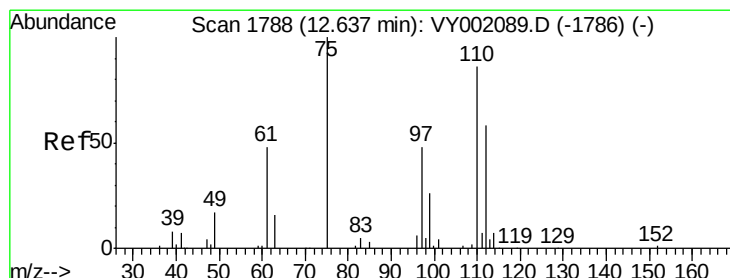
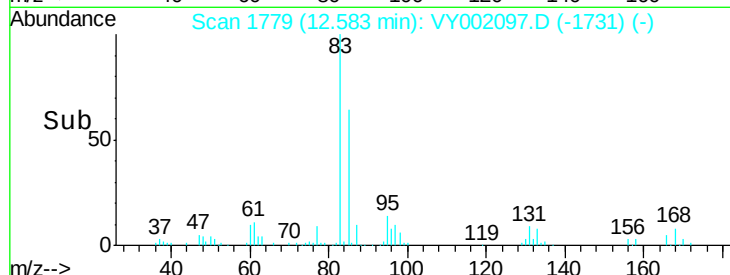
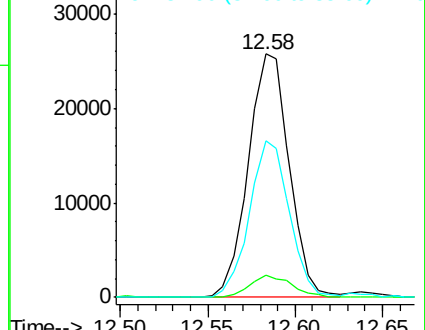
85 62.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.997 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002097.D

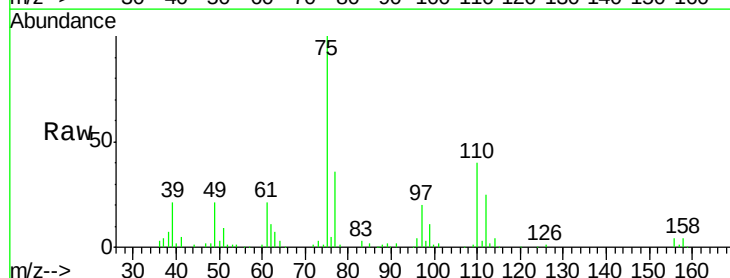
Acq: 27 Mar 2020 12:10

Tgt Ion: 75 Resp: 54505

Ion Ratio Lower Upper

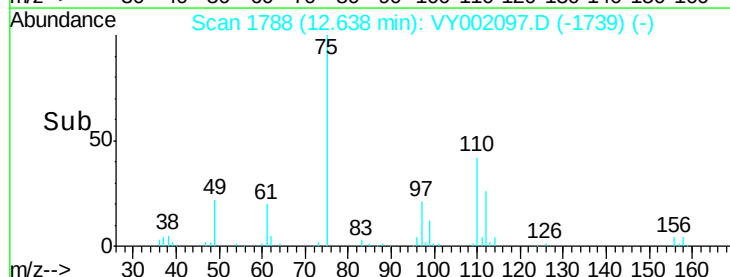
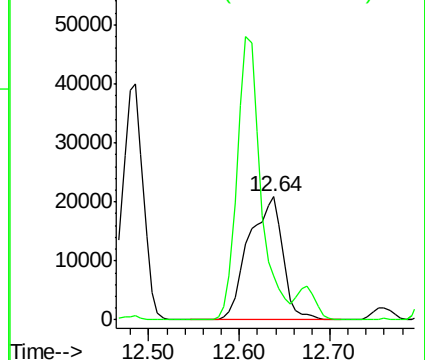
75 100

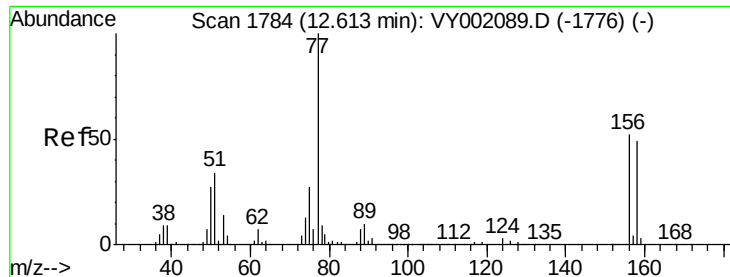
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.545 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

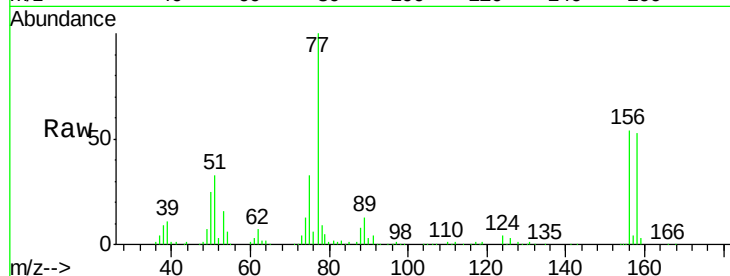
Tgt Ion:156 Resp: 40650

Ion Ratio Lower Upper

156 100

77 216.0 107.8 323.6

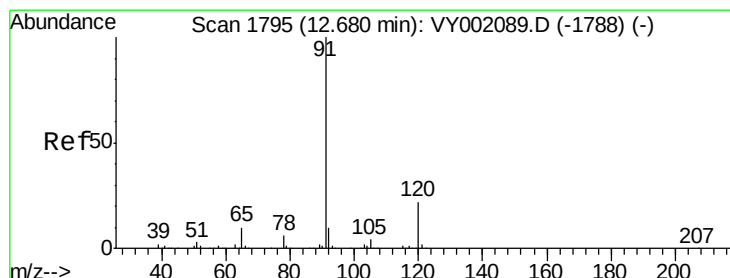
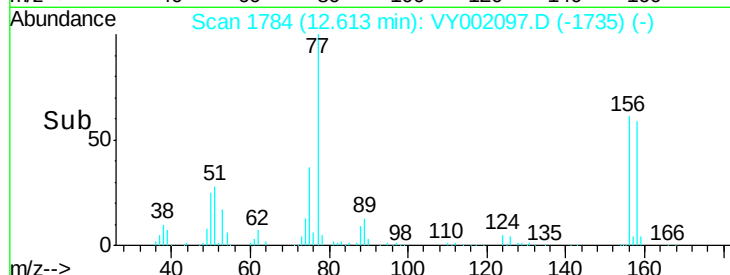
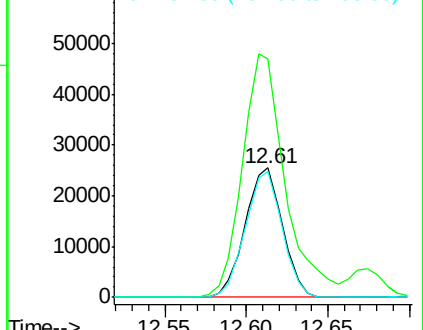
158 96.2 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.333 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002097.D

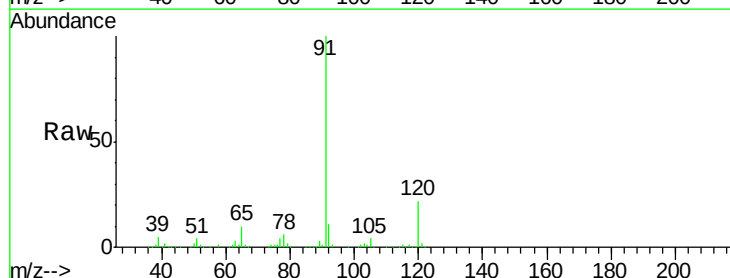
Acq: 27 Mar 2020 12:10

Tgt Ion: 91 Resp: 233880

Ion Ratio Lower Upper

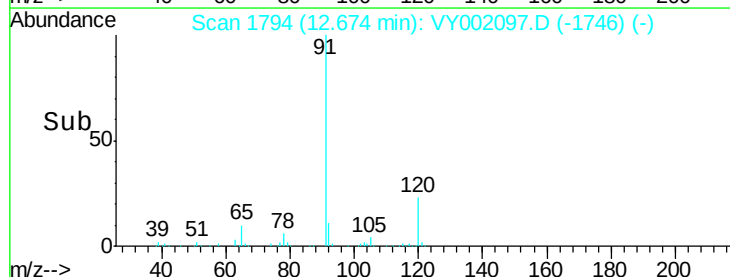
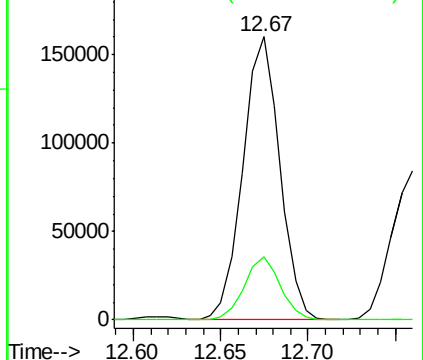
91 100

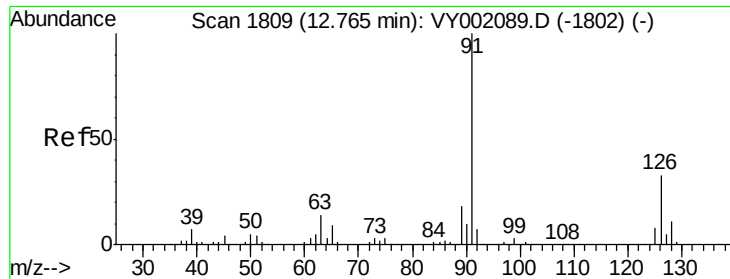
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

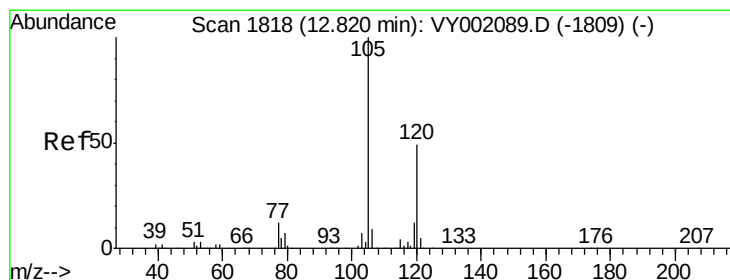
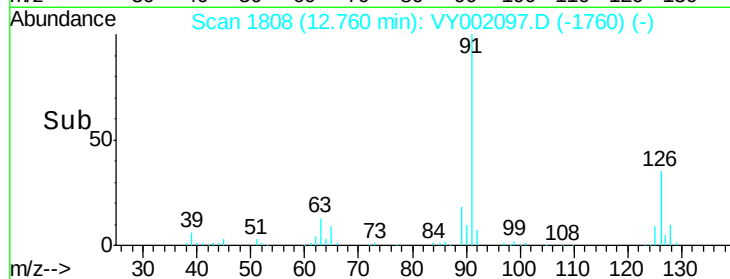
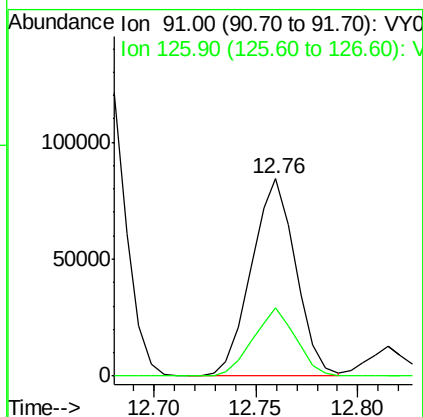
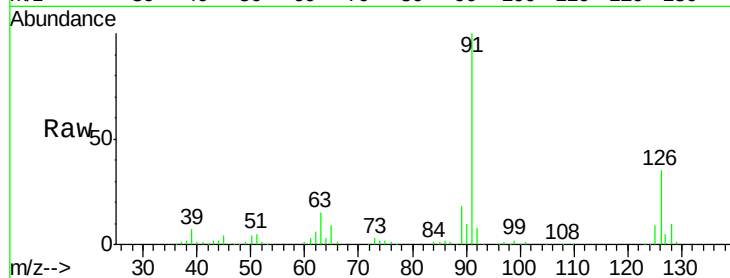




#79
 2-Chlorotoluene
 Concen: 20.205 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

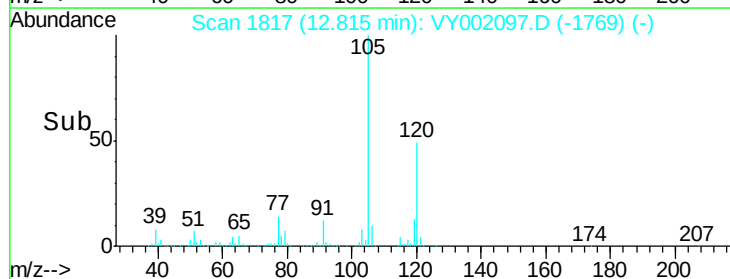
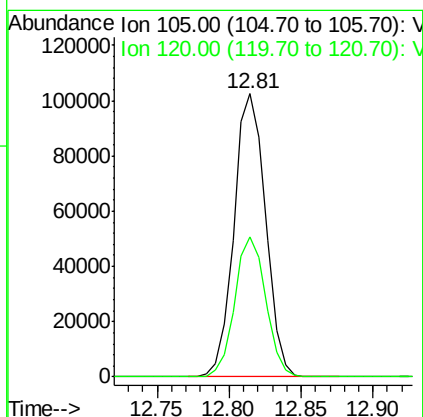
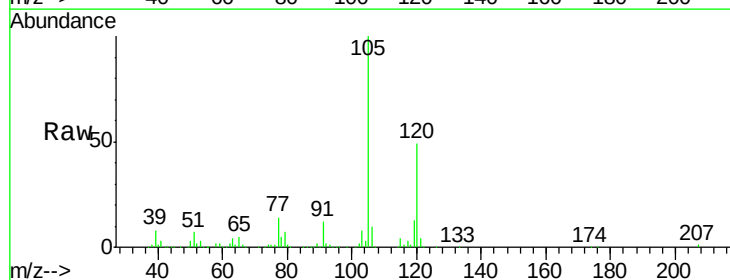
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

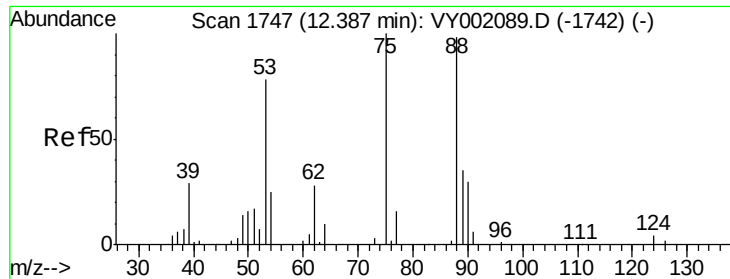
Tgt Ion: 91 Resp: 127603
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.444 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 105 Resp: 156334
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4

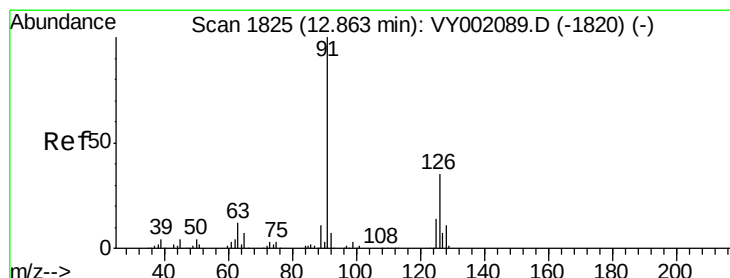
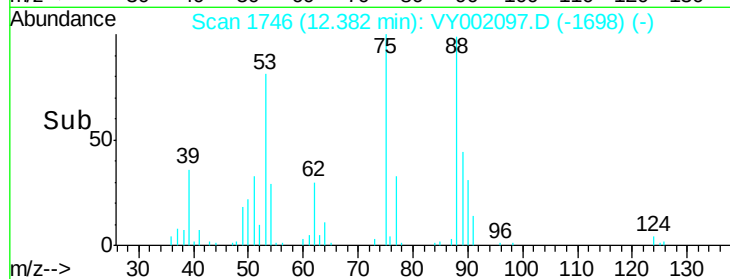
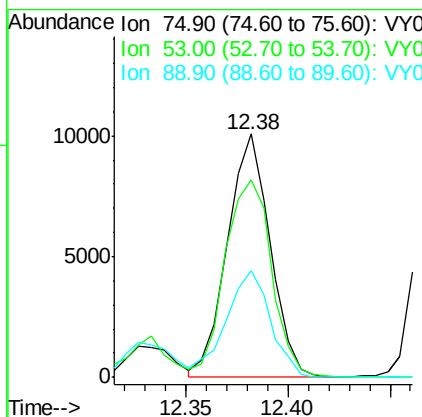
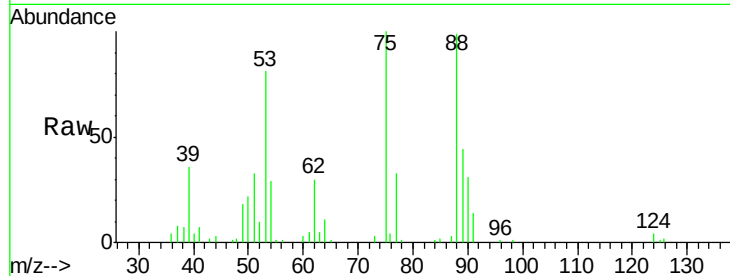




#81
trans-1,4-Dichloro-2-butene
Concen: 20.279 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

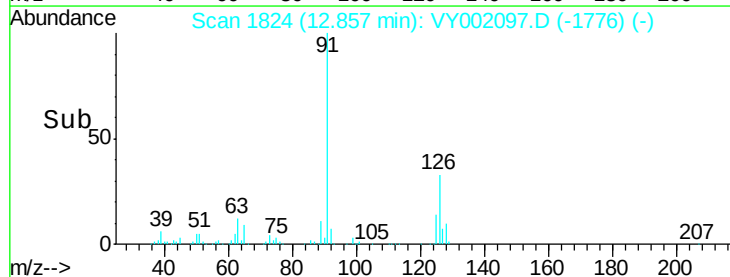
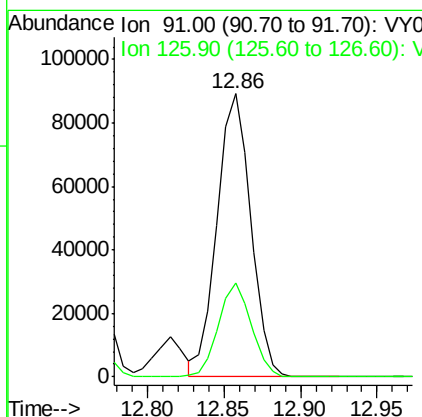
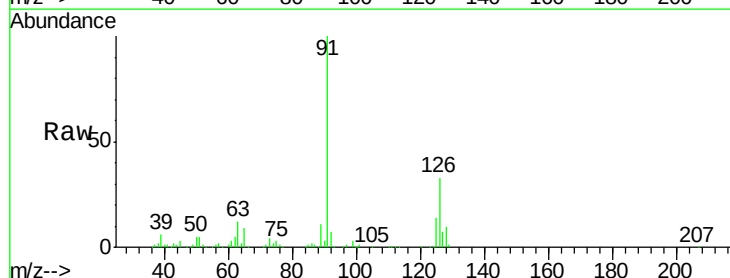
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBSD01

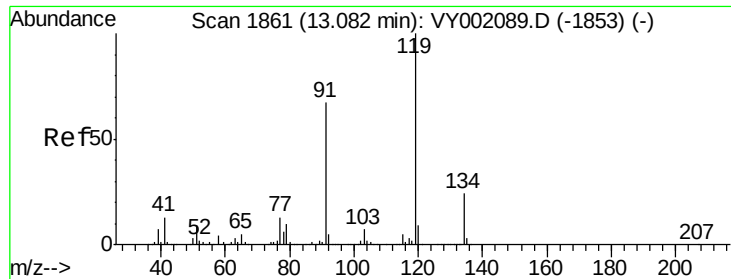
Tgt Ion: 75 Resp: 14630
Ion Ratio Lower Upper
75 100
53 88.2 65.0 97.4
89 45.5 33.4 50.0



#82
4-Chlorotoluene
Concen: 20.490 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion: 91 Resp: 136362
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9

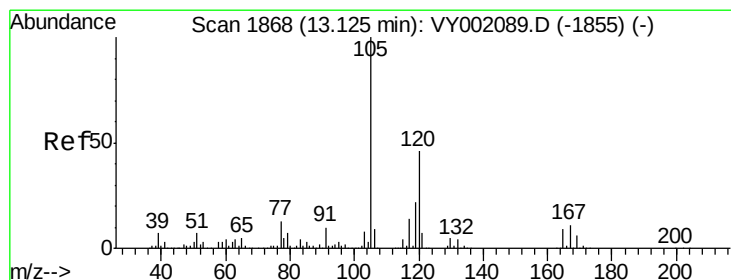
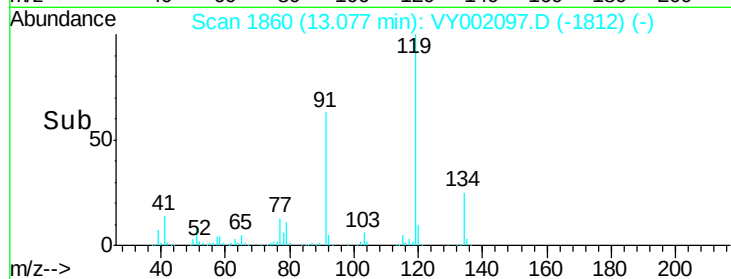
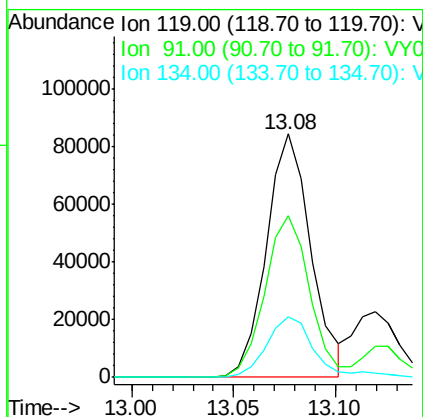
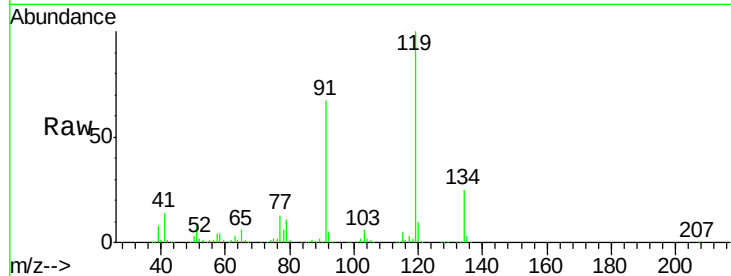




#83
 tert-Butylbenzene
 Concen: 20.150 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

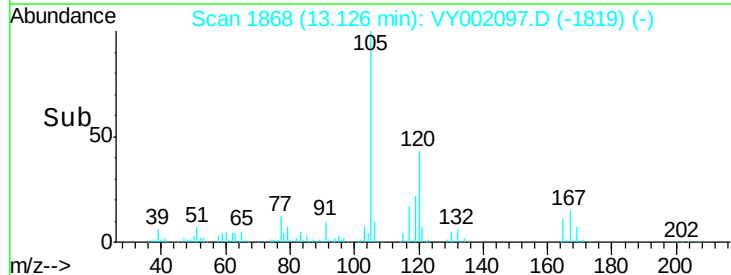
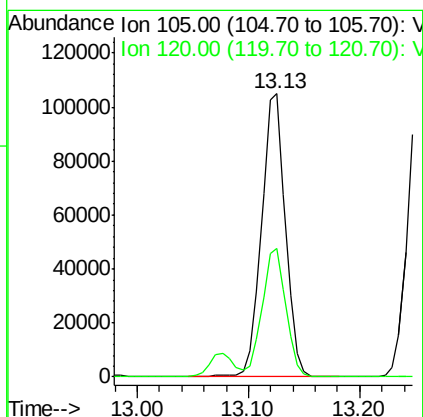
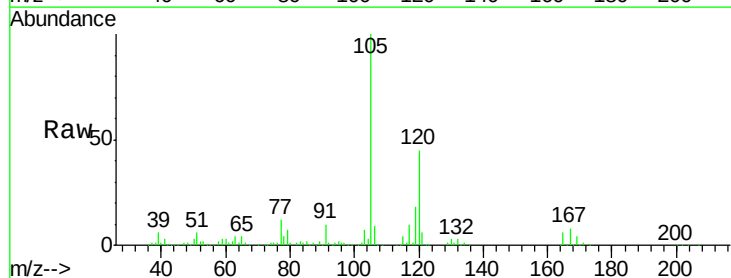
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBSD01

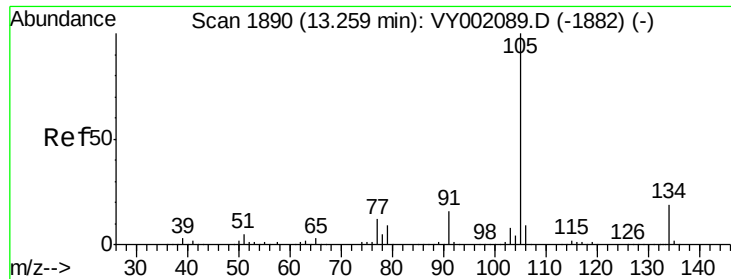
Tgt Ion:119 Resp: 128618
 Ion Ratio Lower Upper
 119 100
 91 67.3 32.9 98.6
 134 26.8 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.683 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion:105 Resp: 157808
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.436 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

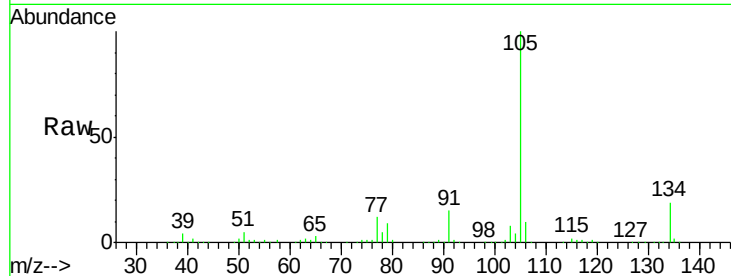
VY0327SBS01

Tgt Ion:105 Resp: 193210

Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

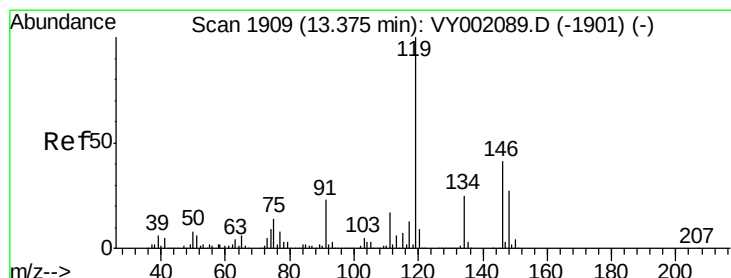
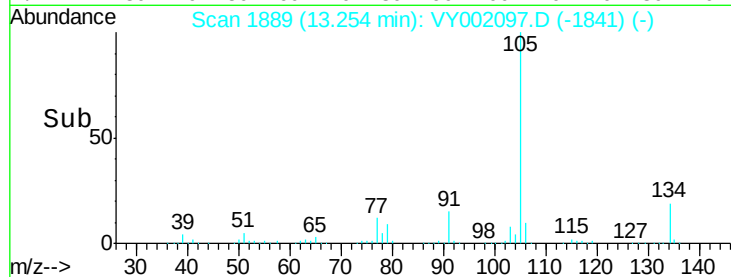
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.822 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

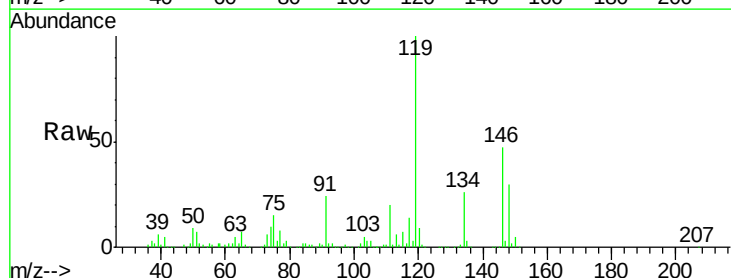
Tgt Ion:119 Resp: 169054

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.9 11.8 35.3



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

13.37

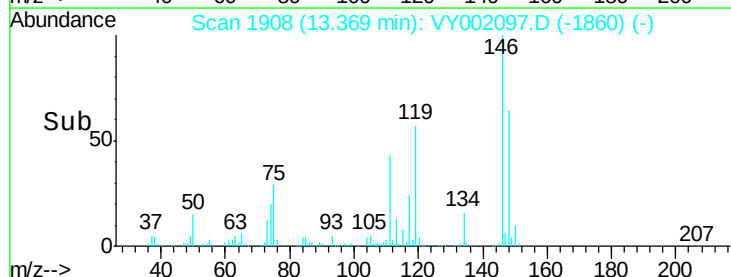
150000

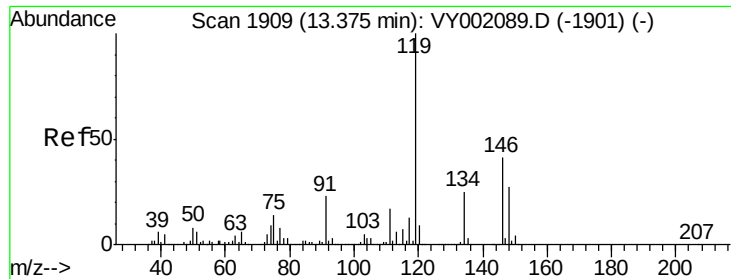
100000

50000

0

Time-->

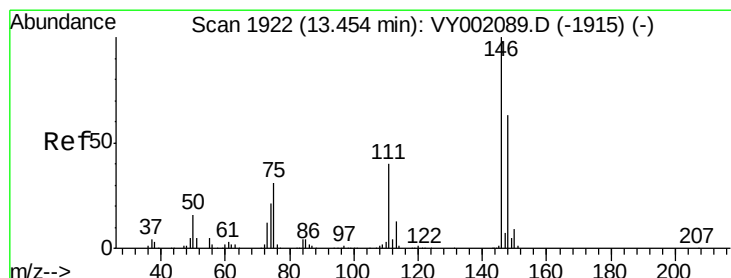
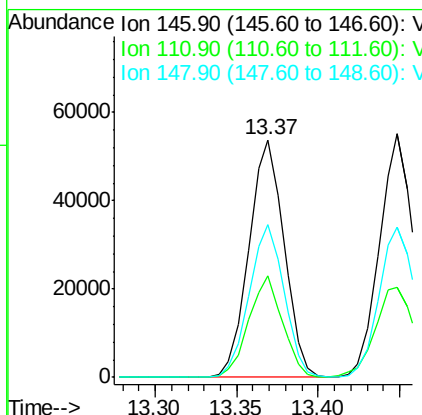
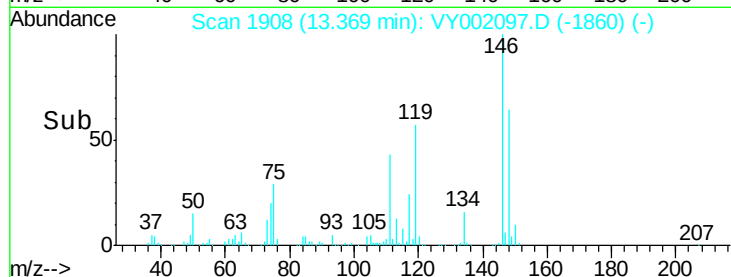
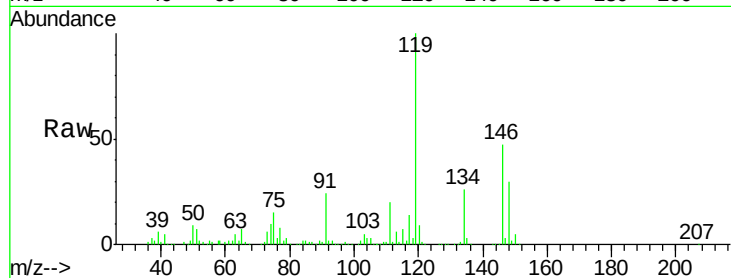




#87
 1,3-Dichlorobenzene
 Concen: 20.897 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

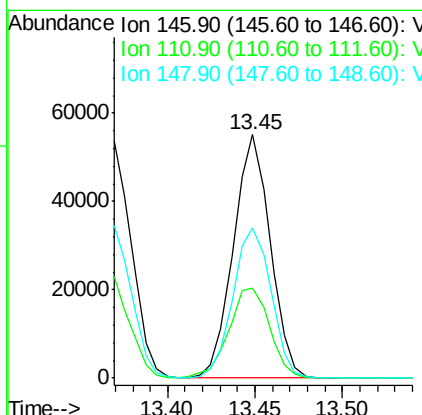
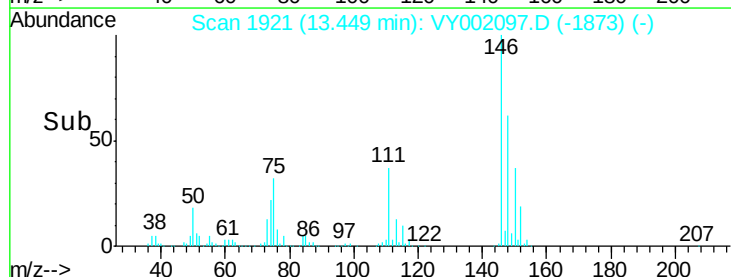
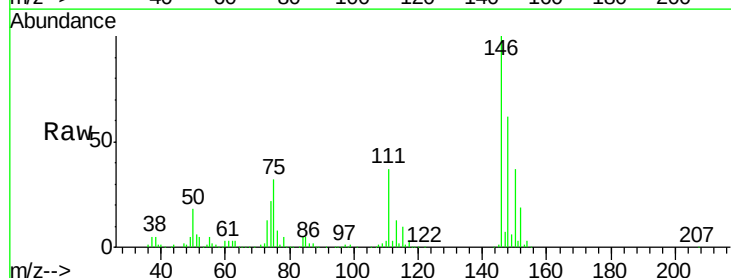
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

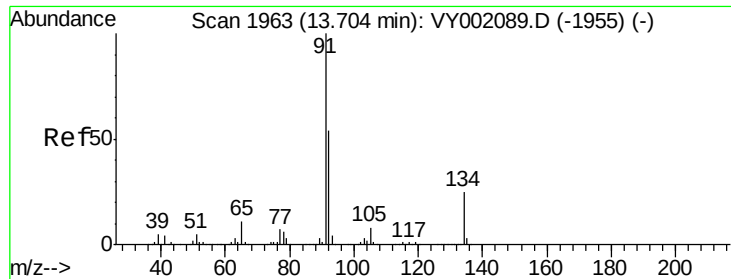
Tgt Ion:146 Resp: 80886
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.9 62.8
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.832 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion:146 Resp: 81142
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 60.9
 148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 20.497 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

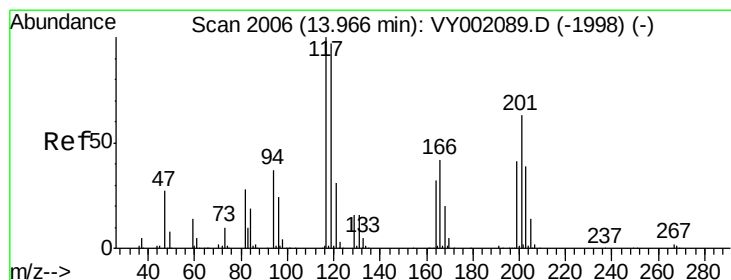
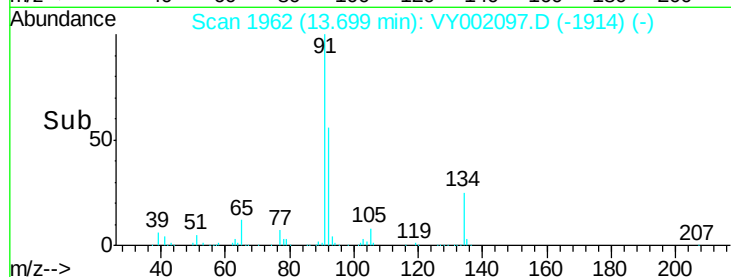
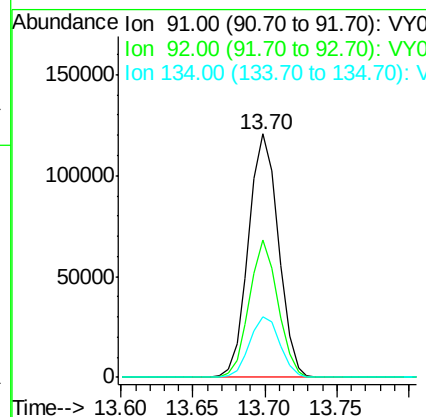
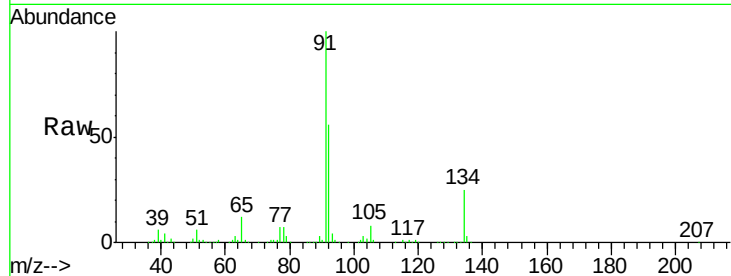
Tgt Ion: 91 Resp: 173394

Ion Ratio Lower Upper

91 100

92 53.9 27.0 81.0

134 25.1 12.3 36.8



#90

Hexachloroethane

Concen: 19.930 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002097.D

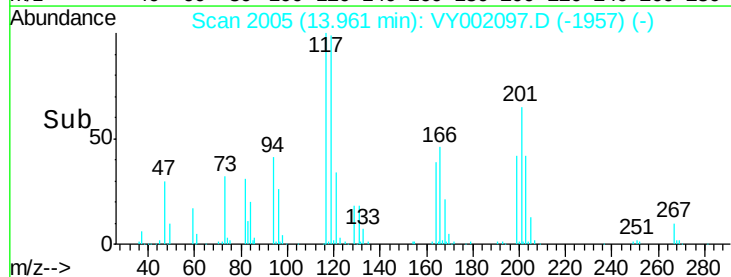
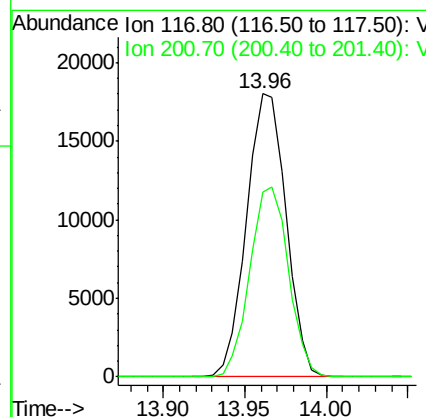
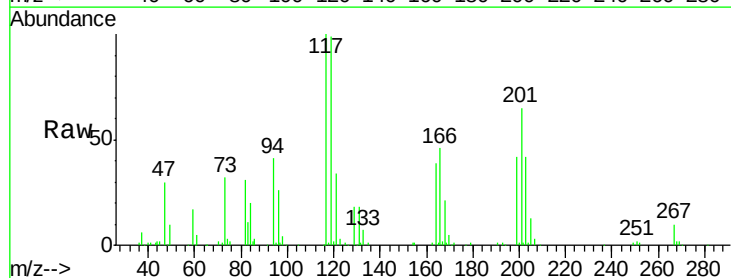
Acq: 27 Mar 2020 12:10

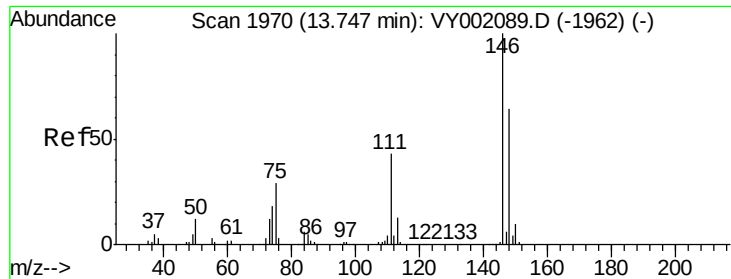
Tgt Ion: 117 Resp: 30491

Ion Ratio Lower Upper

117 100

201 65.5 31.6 94.8

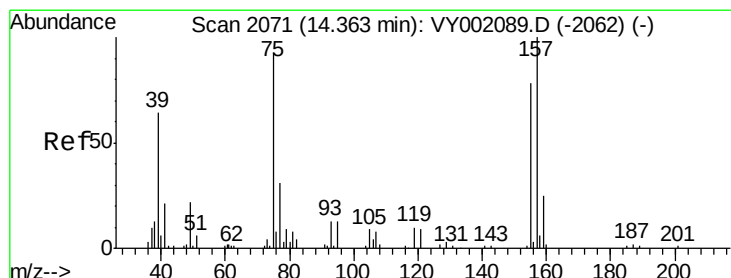
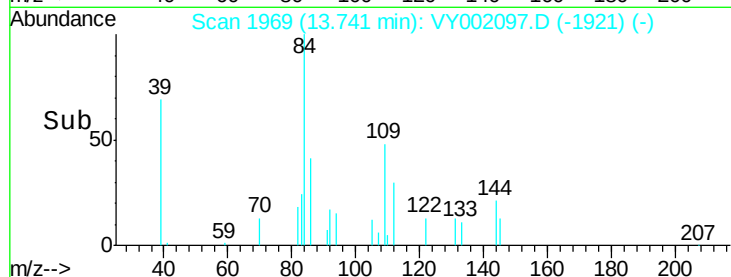
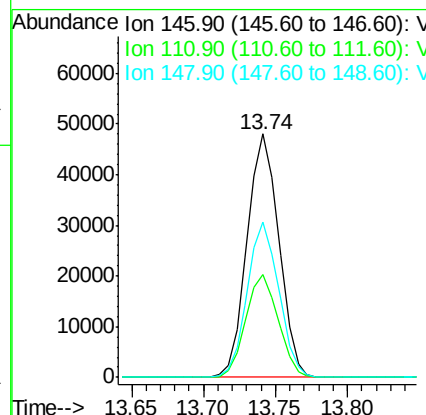
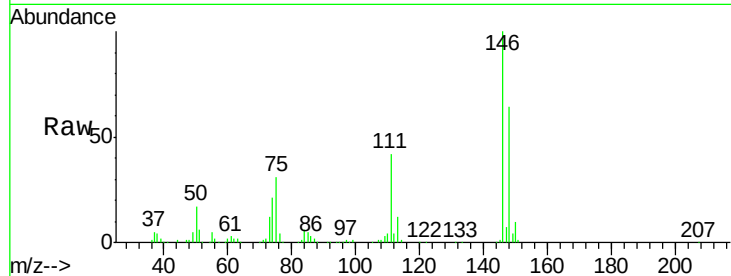




#91
 1,2-Dichlorobenzene
 Concen: 20.551 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

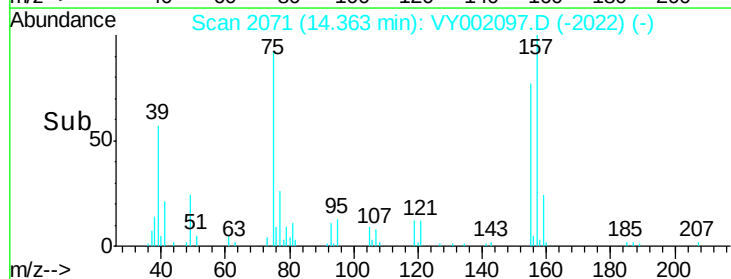
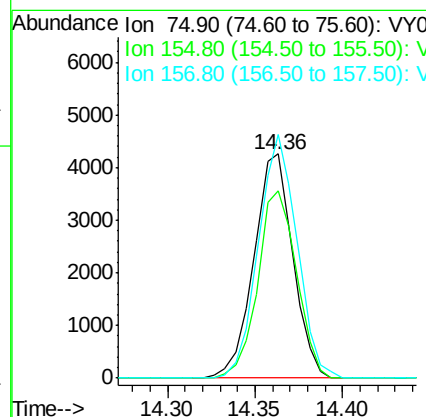
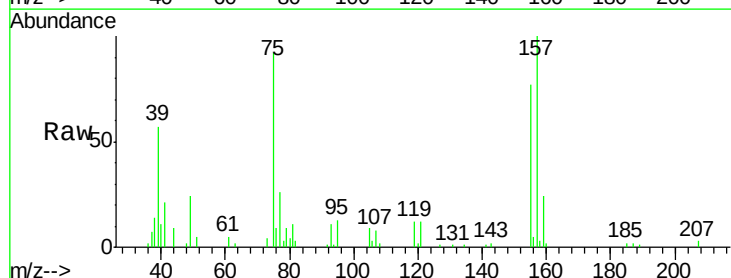
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

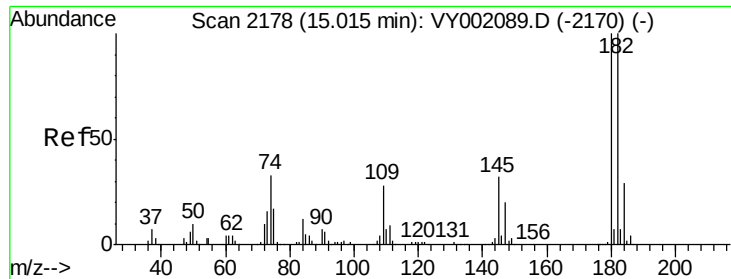
Tgt Ion: 146 Resp: 73462
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.7
 148 63.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.633 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 75 Resp: 6592
 Ion Ratio Lower Upper
 75 100
 155 82.8 41.6 124.9
 157 107.0 53.4 160.3

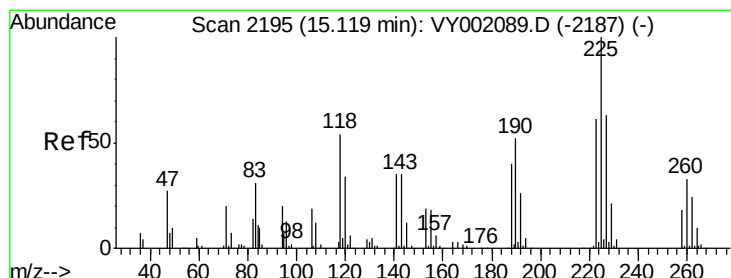
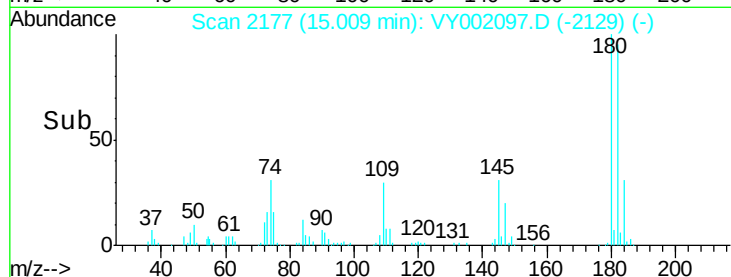
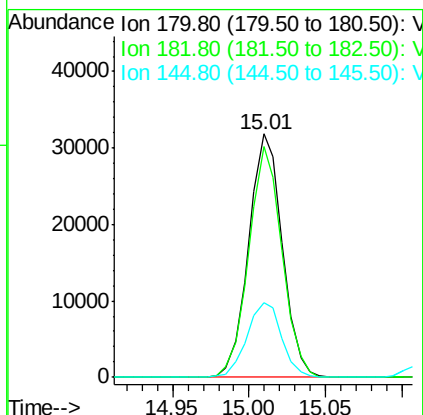
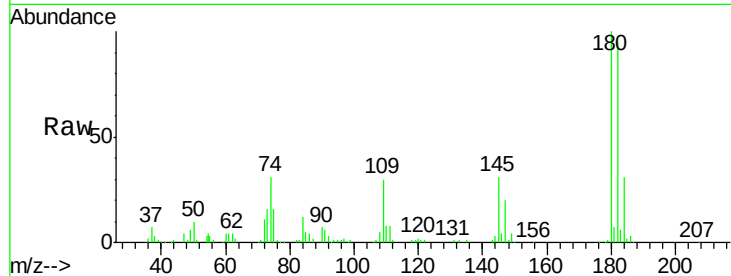




#93
 1,2,4-Trichlorobenzene
 Concen: 21.077 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

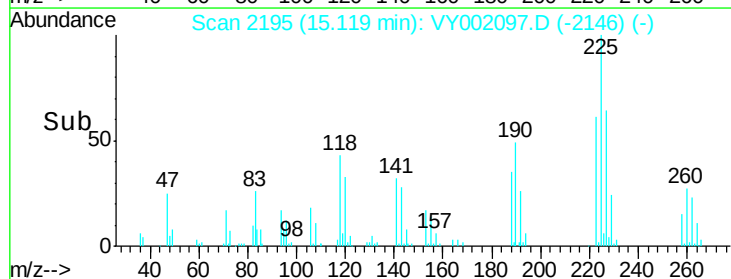
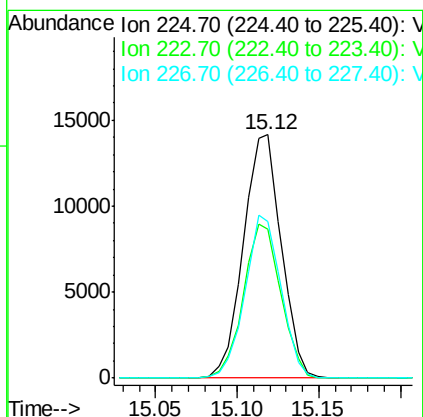
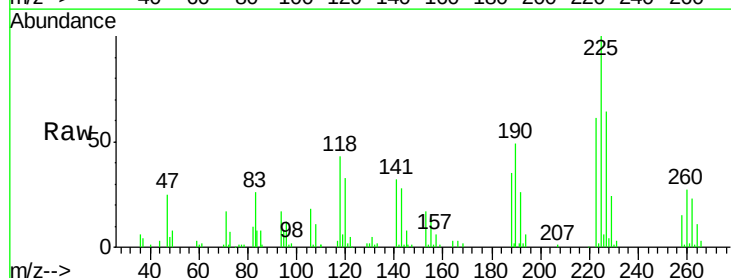
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

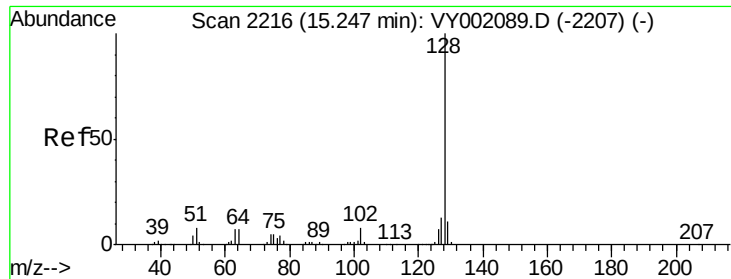
Tgt Ion:180 Resp: 48562
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.1 144.3
 145 31.5 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 20.145 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion:225 Resp: 22910
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.3
 227 63.6 31.6 94.7

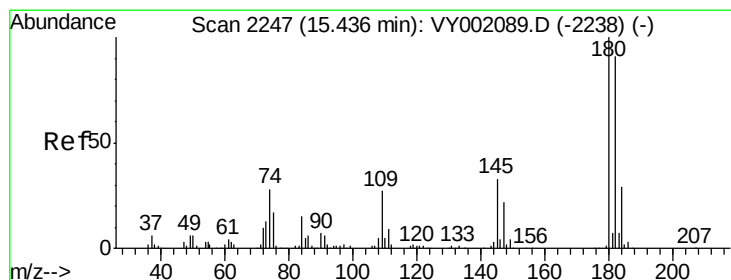
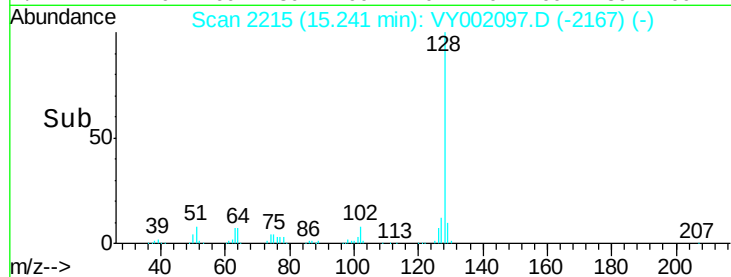
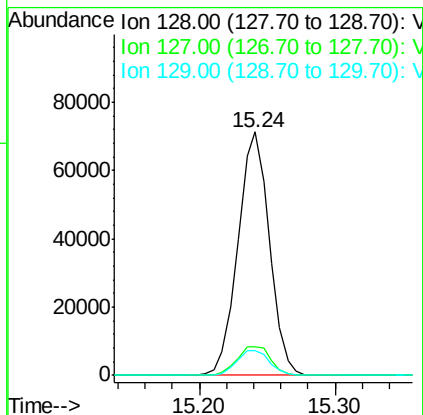
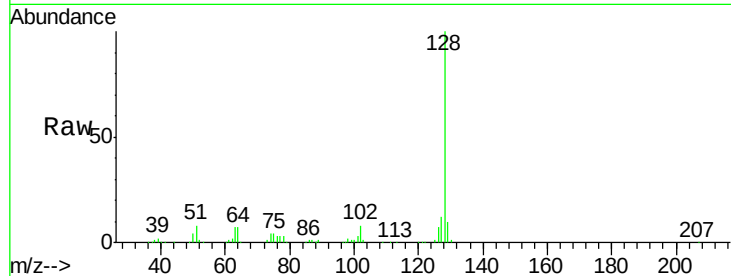




#95
Naphthalene
Concen: 20.974 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion:128 Resp: 114774
Ion Ratio Lower Upper
128 100
127 12.8 9.8 14.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.386 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion:180 Resp: 42592
Ion Ratio Lower Upper
180 100
182 96.5 46.8 140.3
145 33.5 16.7 50.1

