

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002096.D
 Acq On : 27 Mar 2020 11:49
 Operator : SY/MD
 Sample : VY0327SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Quant Time: Mar 30 03:21:19 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	156300	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	284489	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	256388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120399	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	82643	47.83	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	7.72	113	75601	47.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	10.18	98	311063	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.49	95	109772	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	32328	28.959	ug/l	99
3) Chloromethane	2.12	50	40668	22.265	ug/l	97
4) Vinyl Chloride	2.26	62	42084	22.654	ug/l	98
5) Bromomethane	2.65	94	27971	23.072	ug/l	98
6) Chloroethane	2.80	64	26705	22.388	ug/l	96
7) Trichlorofluoromethane	3.13	101	56878	22.343	ug/l	99
8) Diethyl Ether	3.53	74	23180	21.498	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	36563	21.891	ug/l	99
10) Methyl Iodide	4.10	142	38762	19.517	ug/l	99
11) Tert butyl alcohol	4.96	59	28821	141.545	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	35823	21.122	ug/l	97
13) Acrolein	3.74	56	25091	98.593	ug/l	100
14) Allyl chloride	4.49	41	64892	20.901	ug/l	97
15) Acrylonitrile	5.18	53	58521	103.550	ug/l	98
16) Acetone	3.96	43	49868	102.728	ug/l	97
17) Carbon Disulfide	4.20	76	121628	21.610	ug/l	99
18) Methyl Acetate	4.49	43	25972	20.604	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	98104	20.735	ug/l	99
20) Methylene Chloride	4.72	84	43814	18.581	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	40788	21.122	ug/l	97
22) Diisopropyl ether	6.13	45	133562	21.021	ug/l	90
23) Vinyl Acetate	6.07	43	437426	104.987	ug/l	100
24) 1,1-Dichloroethane	6.02	63	71402	21.135	ug/l	97
25) 2-Butanone	6.99	43	79354	106.459	ug/l	97
26) 2,2-Dichloropropane	6.99	77	59936	21.542	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	44123	20.770	ug/l	97
28) Bromochloromethane	7.35	49	30971	20.081	ug/l	98
29) Tetrahydrofuran	7.35	42	51145	104.654	ug/l	98
30) Chloroform	7.52	83	66326	20.713	ug/l	95
31) Cyclohexane	7.79	56	75800	21.057	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	55649	20.814	ug/l	100
36) 1,1-Dichloropropene	7.93	75	56455	20.980	ug/l	99
37) Ethyl Acetate	7.08	43	34939	21.486	ug/l	100
38) Carbon Tetrachloride	7.91	117	48101	21.069	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74190	21.019	ug/l	99
40) Benzene	8.16	78	166718	20.916	ug/l	99
41) Methacrylonitrile	7.35	41	45548	55.376	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	44168	20.872	ug/l	100
43) Isopropyl Acetate	8.28	43	63080	20.901	ug/l	100
44) Trichloroethene	8.94	130	40479	21.068	ug/l	91
45) 1,2-Dichloropropane	9.22	63	41917	20.654	ug/l	97
46) Dibromomethane	9.31	93	21741	20.859	ug/l	98
47) Bromodichloromethane	9.50	83	50958	21.002	ug/l	100
48) Methyl methacrylate	9.30	41	28059	20.746	ug/l	99
49) 1,4-Dioxane	9.30	88	5963	416.919	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	172886	111.246	ug/l	100
52) Toluene	10.25	92	100309	20.807	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	54791	20.345	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	65063	20.520	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	31039	20.121	ug/l	96
56) Ethyl methacrylate	10.51	69	45898	20.371	ug/l	99
57) 1,3-Dichloropropane	10.80	76	56618	20.774	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	115648	99.892	ug/l	100
59) 2-Hexanone	10.83	43	118425	108.178	ug/l	98
60) Dibromochloromethane	10.99	129	33002	20.445	ug/l	98
61) 1,2-Dibromoethane	11.09	107	29694	20.566	ug/l	97
64) Tetrachloroethene	10.72	164	33981	21.663	ug/l	94
65) Chlorobenzene	11.52	112	103696	20.953	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	34157	20.630	ug/l	99
67) Ethyl Benzene	11.60	91	193295	21.029	ug/l	100
68) m/p-Xylenes	11.70	106	144486	42.514	ug/l	99
69) o-Xylene	12.03	106	67635	20.979	ug/l	100
70) Styrene	12.05	104	116295	20.817	ug/l	99
71) Bromoform	12.21	173	19139	21.105	ug/l #	98
73) Isopropylbenzene	12.33	105	181264	20.295	ug/l	99
74) N-amyl acetate	12.15	43	57928	20.565	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	40297	20.967	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	51376	38.147	ug/l #	100
77) Bromobenzene	12.61	156	39708	20.827	ug/l	98
78) n-propylbenzene	12.67	91	224788	20.281	ug/l	100
79) 2-Chlorotoluene	12.76	91	122935	20.201	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	152289	20.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	14100	20.283	ug/l	93
82) 4-Chlorotoluene	12.86	91	131643	20.529	ug/l	100
83) tert-Butylbenzene	13.08	119	126207	20.519	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	152560	20.751	ug/l	98
85) sec-Butylbenzene	13.26	105	188641	20.707	ug/l	100
86) p-Isopropyltoluene	13.38	119	165122	21.106	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	78020	20.918	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	77714	20.706	ug/l	98
89) n-Butylbenzene	13.70	91	169999	20.855	ug/l	100
90) Hexachloroethane	13.97	117	30512	20.698	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	71954	20.890	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6204	20.152	ug/l	96

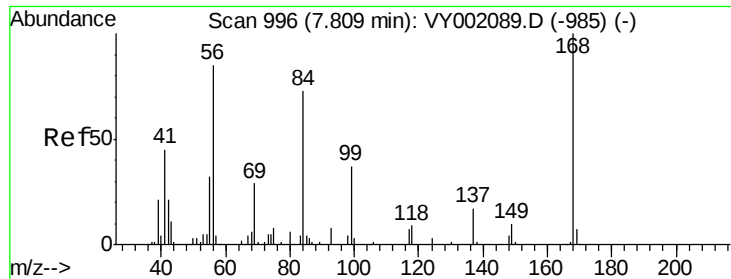
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46595	20.988	ug/l	97
94) Hexachlorobutadiene	15.12	225	23146	21.121	ug/l	97
95) Naphthalene	15.24	128	108696	20.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	41252	20.491	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

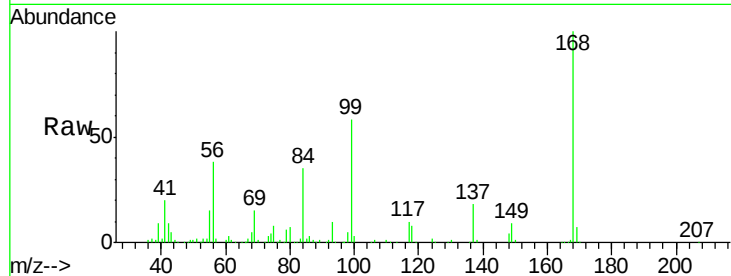
VY0327SBS01

Tgt Ion:168 Resp: 156300

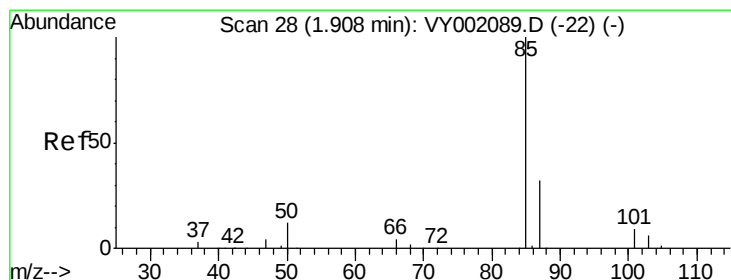
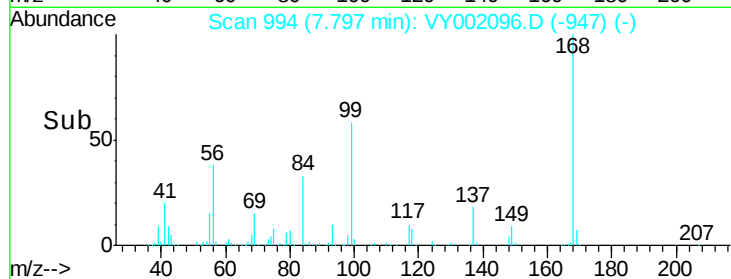
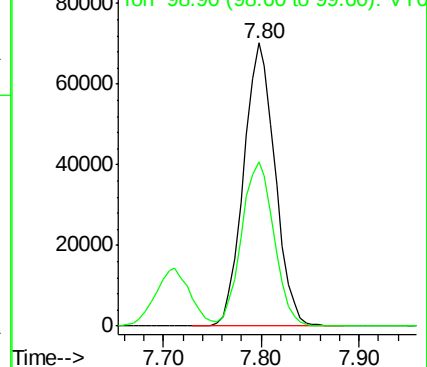
Ion Ratio Lower Upper

168 100

99 57.9 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 28.959 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002096.D

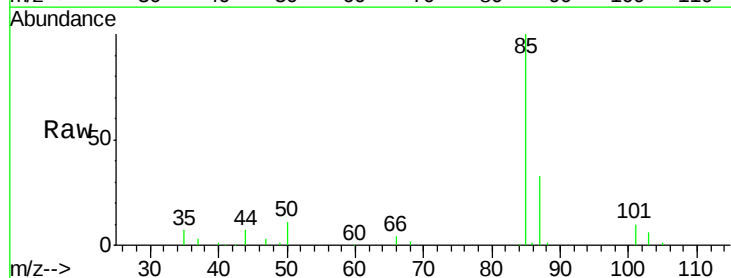
Acq: 27 Mar 2020 11:49

Tgt Ion: 85 Resp: 32328

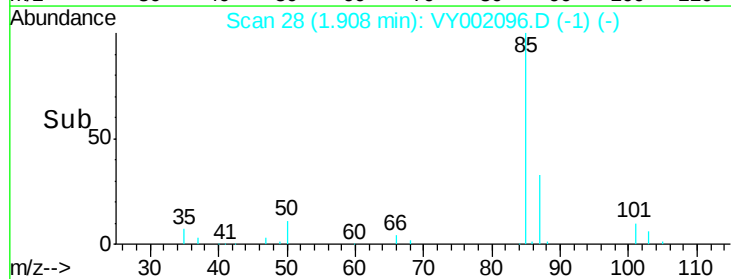
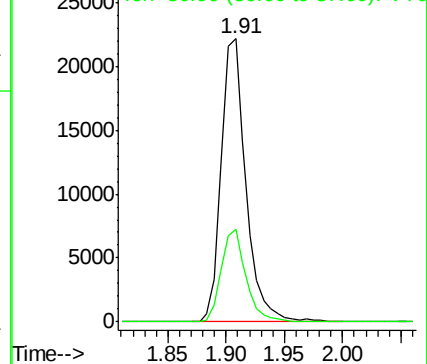
Ion Ratio Lower Upper

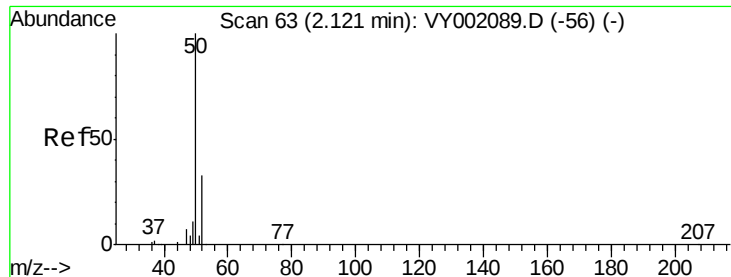
85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 22.265 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

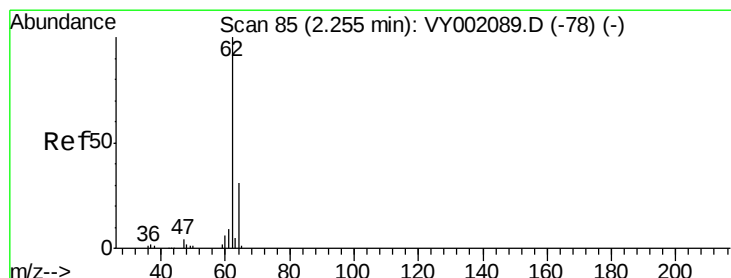
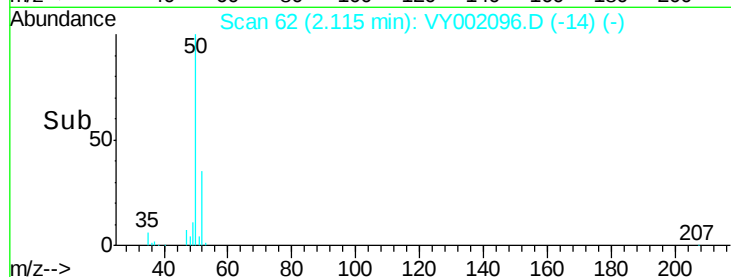
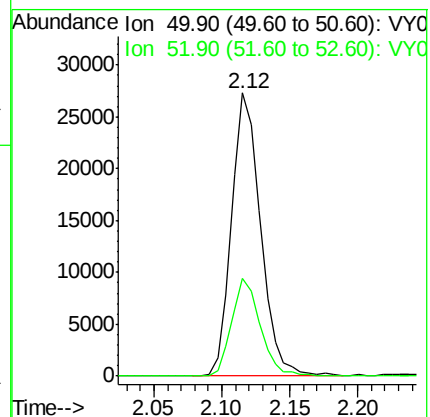
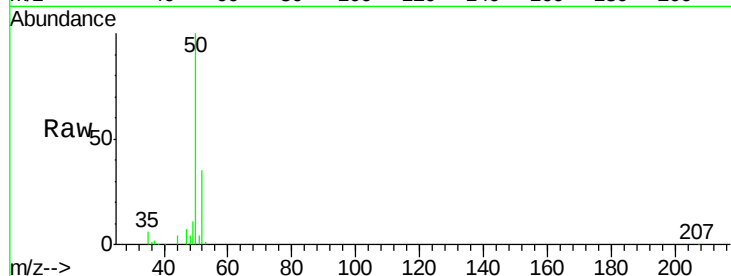
VY0327SBS01

Tgt Ion: 50 Resp: 40668

Ion Ratio Lower Upper

50 100

52 34.6 26.1 39.1



#4

Vinyl Chloride

Concen: 22.654 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002096.D

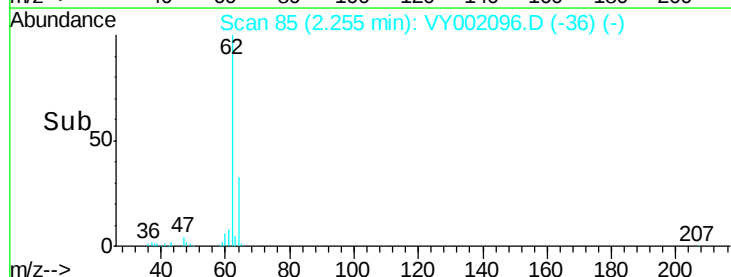
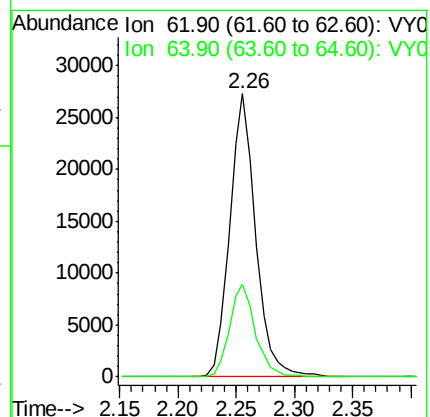
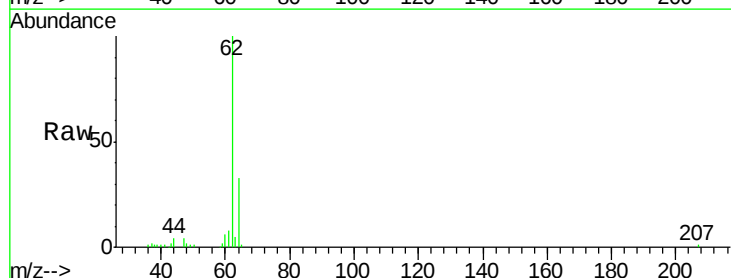
Acq: 27 Mar 2020 11:49

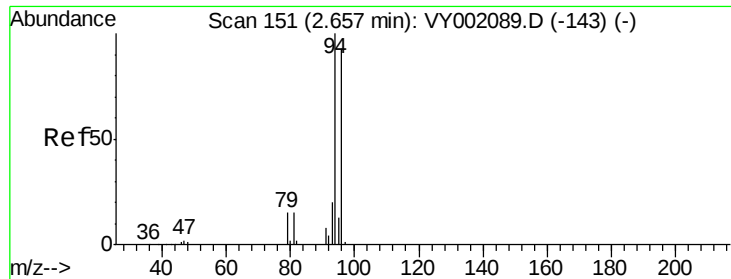
Tgt Ion: 62 Resp: 42084

Ion Ratio Lower Upper

62 100

64 32.8 25.2 37.8





#5

Bromomethane

Concen: 23.072 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

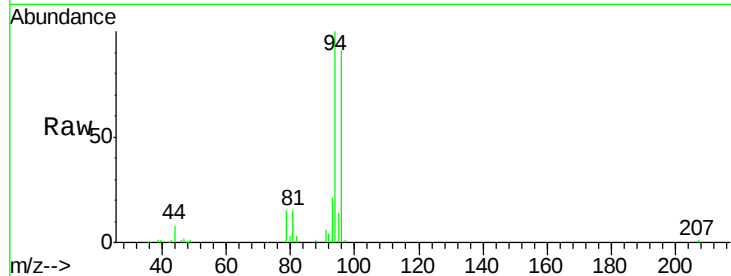
VY0327SBS01

Tgt Ion: 94 Resp: 27971

Ion Ratio Lower Upper

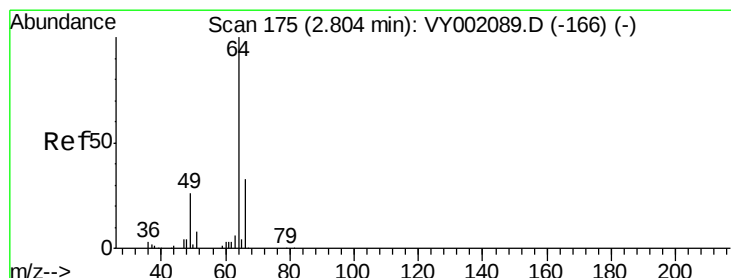
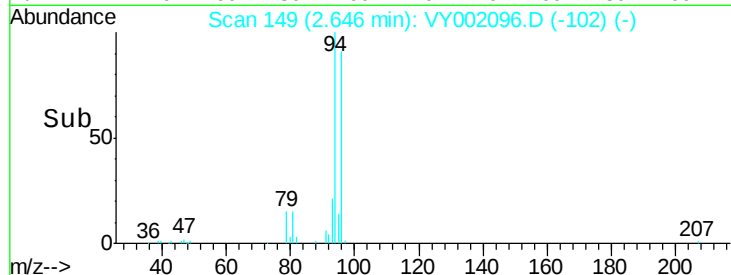
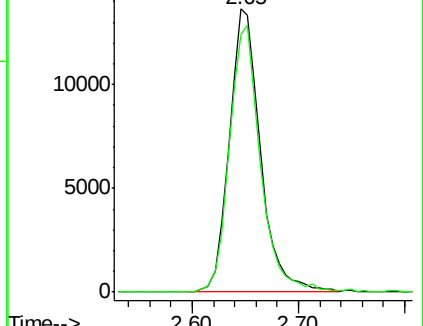
94 100

96 91.0 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.388 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002096.D

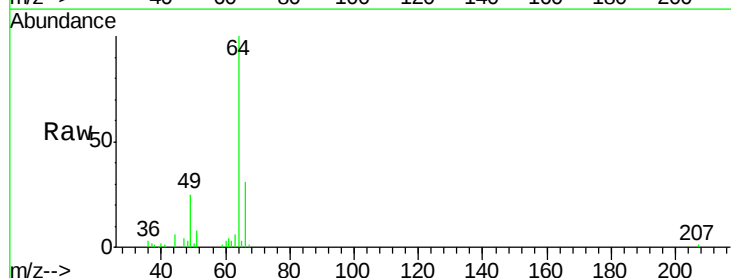
Acq: 27 Mar 2020 11:49

Tgt Ion: 64 Resp: 26705

Ion Ratio Lower Upper

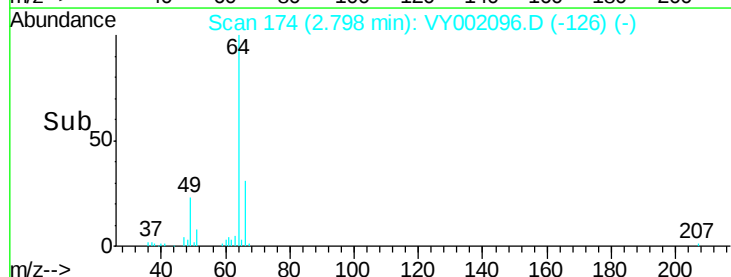
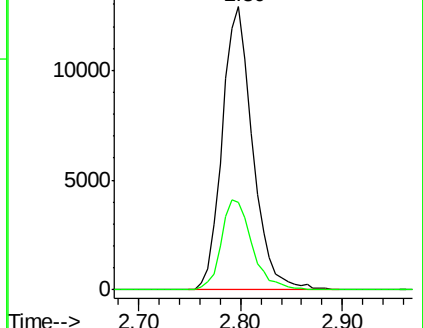
64 100

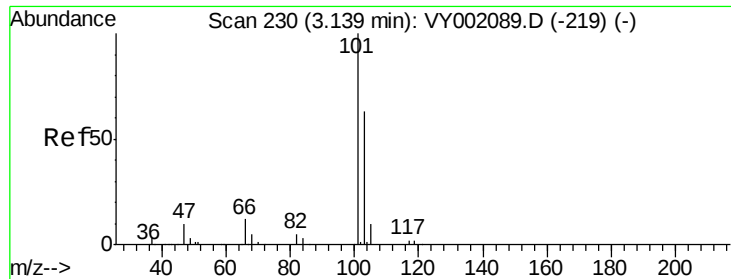
66 31.1 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



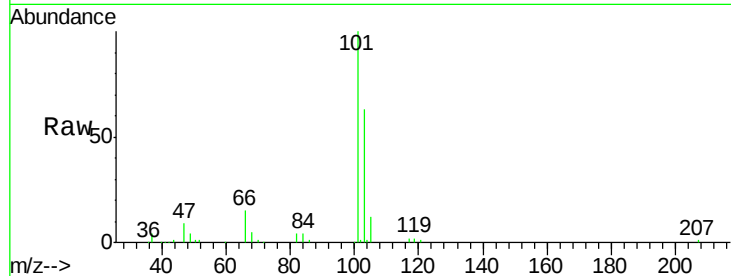


#7

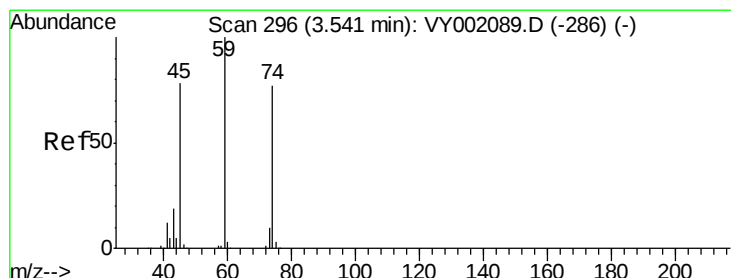
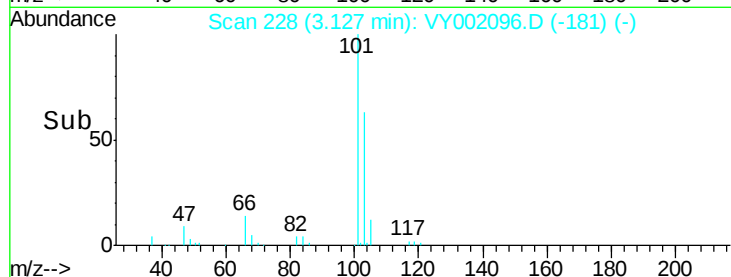
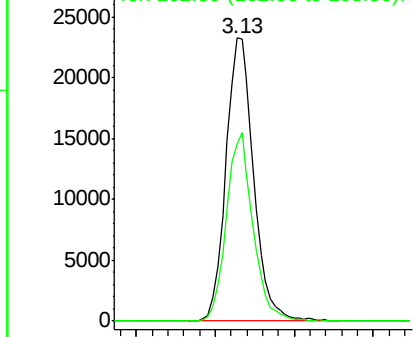
Trichlorofluoromethane
 Concen: 22.343 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
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 VY0327SBS01

Tgt Ion:101 Resp: 56878
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.6 76.0



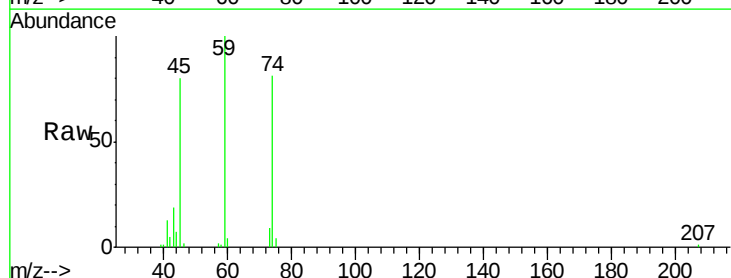
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



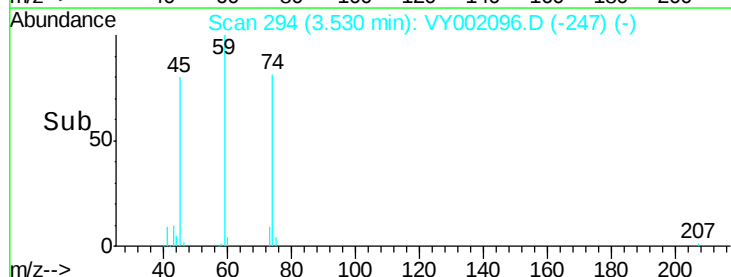
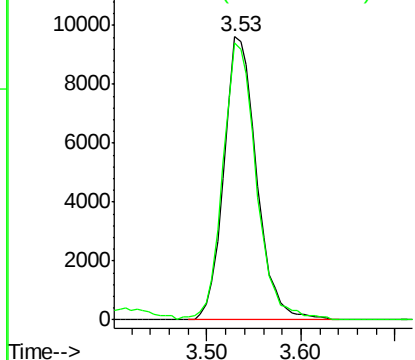
#8

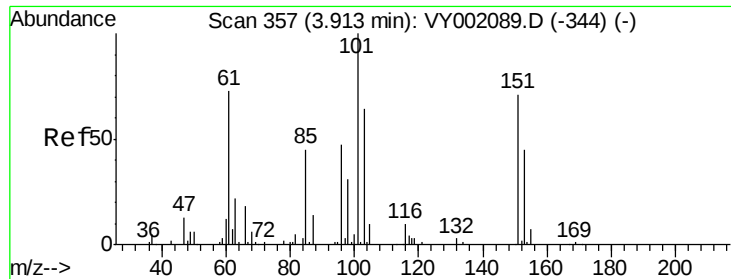
Diethyl Ether
 Concen: 21.498 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 74 Resp: 23180
 Ion Ratio Lower Upper
 74 100
 45 99.9 51.0 153.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.891 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

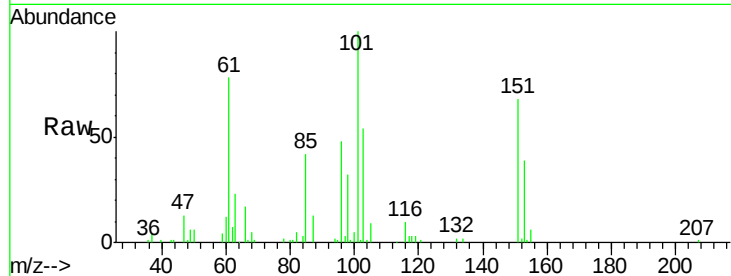
Tgt Ion:101 Resp: 36563

Ion Ratio Lower Upper

101 100

85 43.7 35.9 53.9

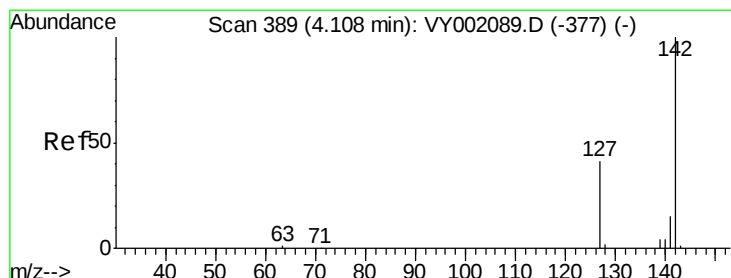
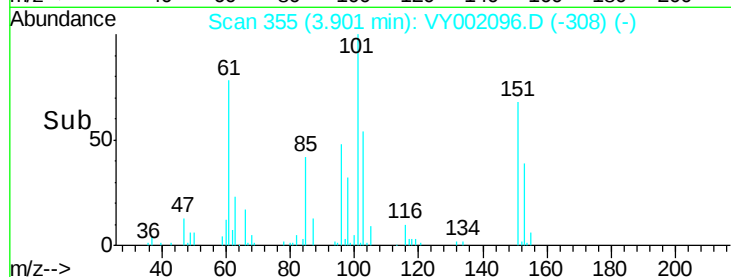
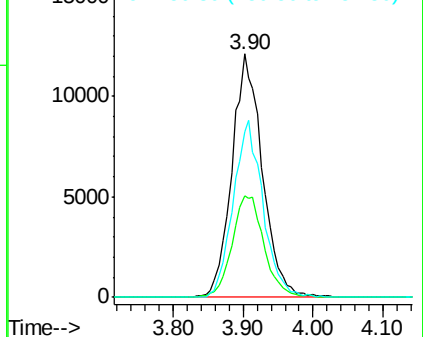
151 71.2 57.5 86.3



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: 19.517 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

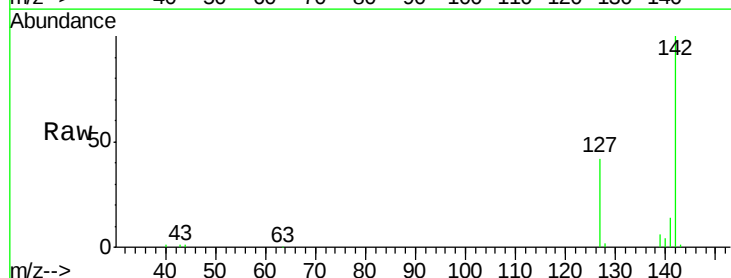
Tgt Ion:142 Resp: 38762

Ion Ratio Lower Upper

142 100

127 41.4 32.6 49.0

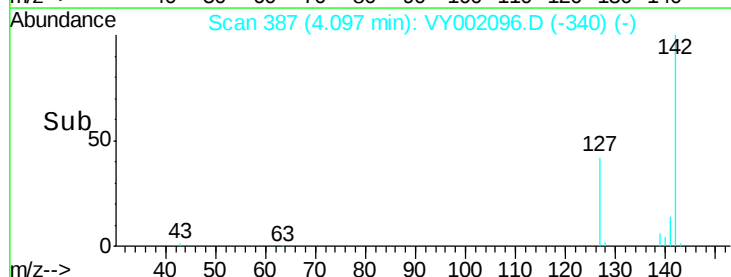
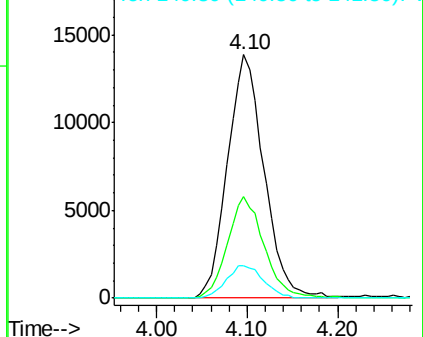
141 13.6 11.4 17.0

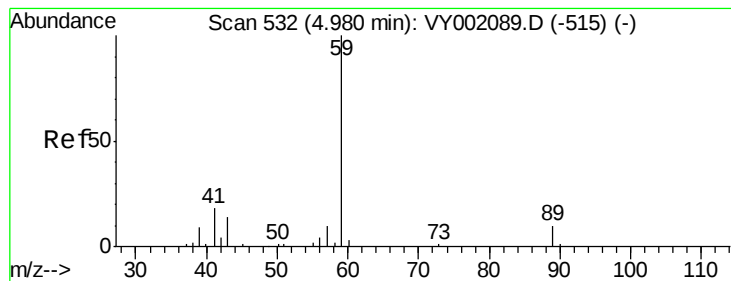


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



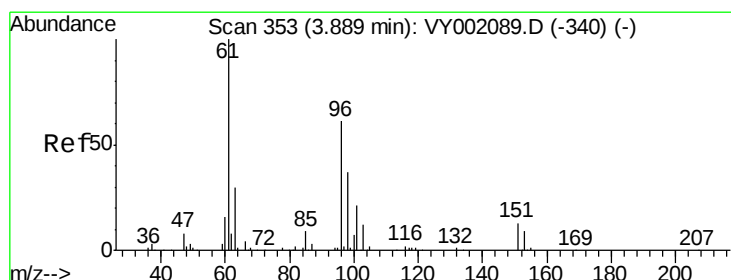
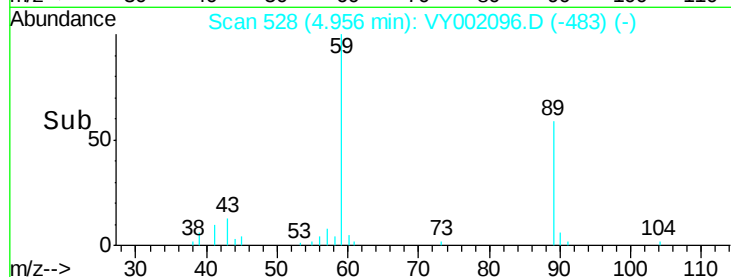
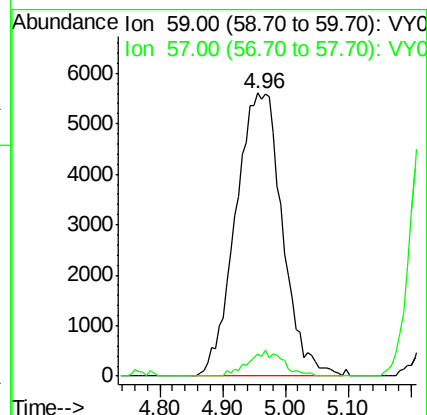
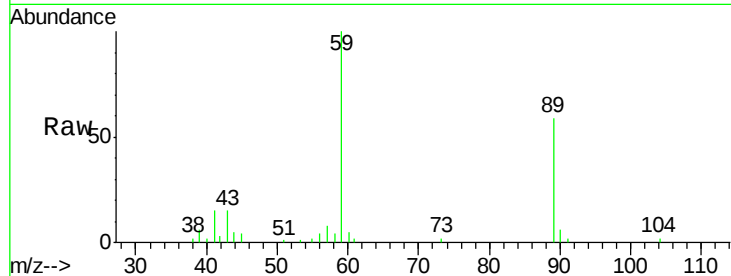


#11

Tert butyl alcohol
 Concen: 141.545 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

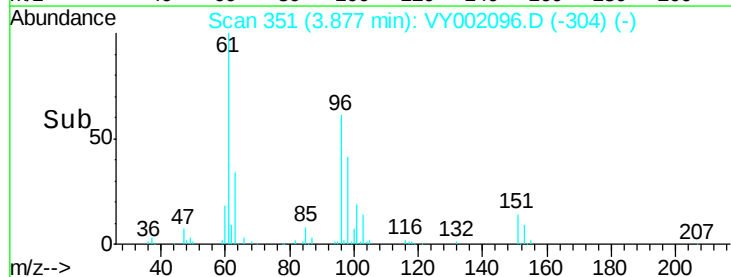
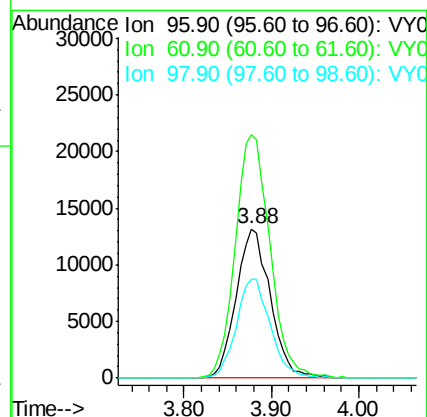
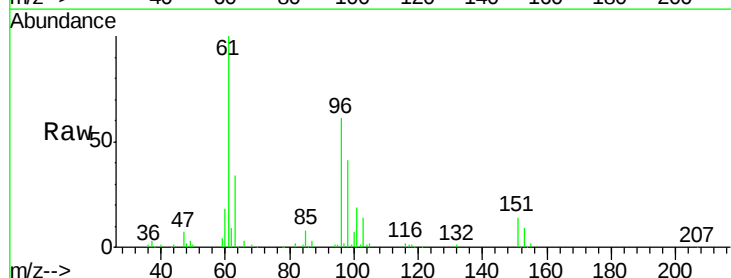
Tgt Ion: 59 Resp: 28821
 Ion Ratio Lower Upper
 59 100
 57 6.8 7.7 11.5#

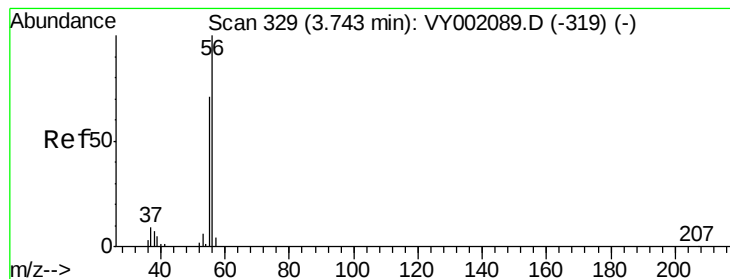


#12

1,1-Dichloroethene
 Concen: 21.122 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 96 Resp: 35823
 Ion Ratio Lower Upper
 96 100
 61 163.0 132.0 198.0
 98 66.3 49.4 74.0





#13

Acrolein

Concen: 98.593 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

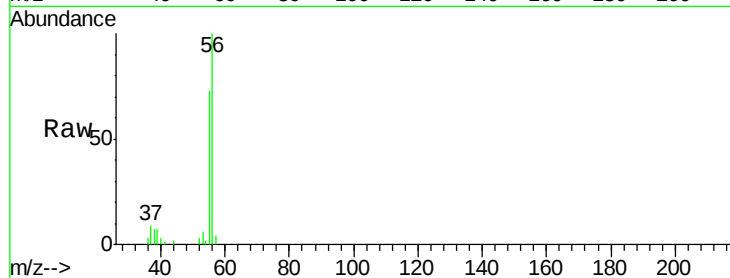
VY0327SBS01

Tgt Ion: 56 Resp: 25091

Ion Ratio Lower Upper

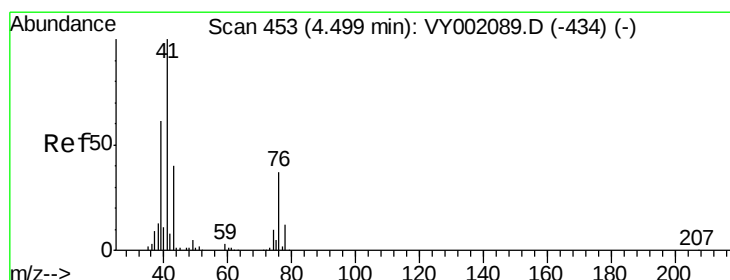
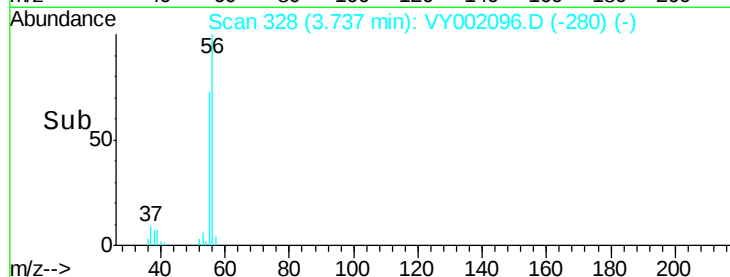
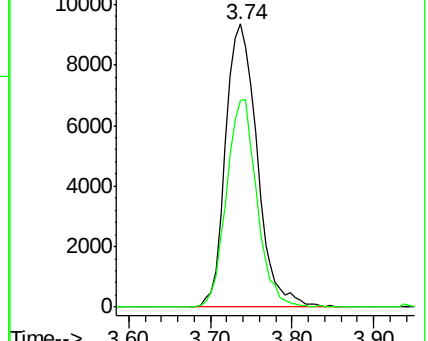
56 100

55 70.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.901 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

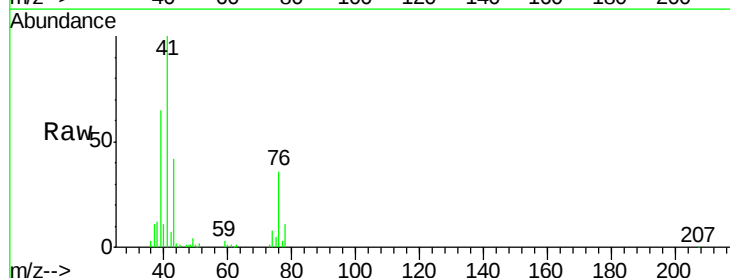
Tgt Ion: 41 Resp: 64892

Ion Ratio Lower Upper

41 100

39 63.7 49.0 73.4

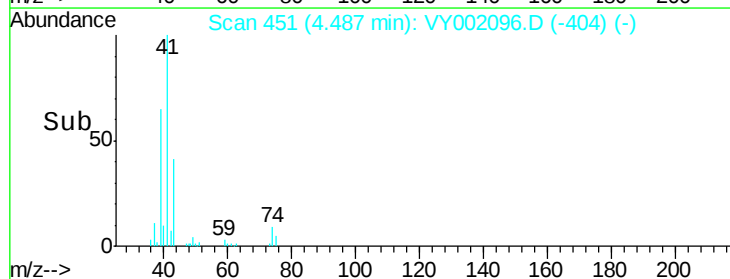
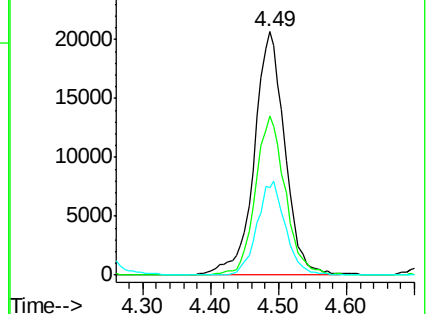
76 35.6 27.8 41.8

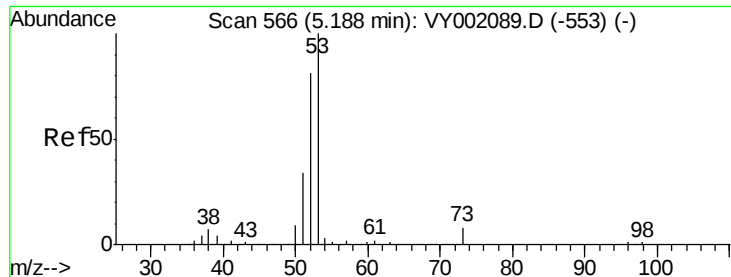


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 103.550 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

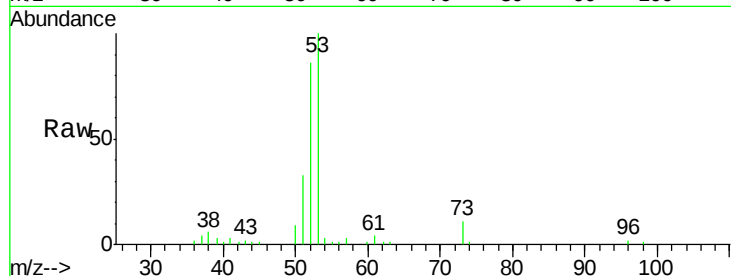
Tgt Ion: 53 Resp: 58521

Ion Ratio Lower Upper

53 100

52 82.8 64.6 97.0

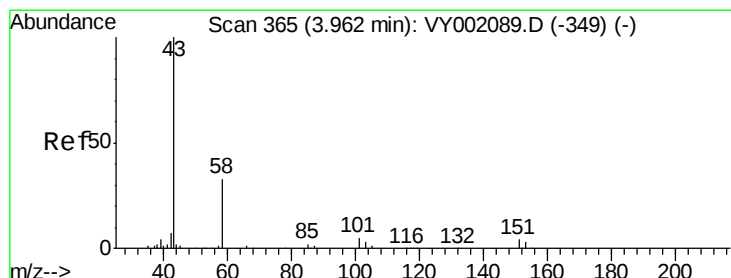
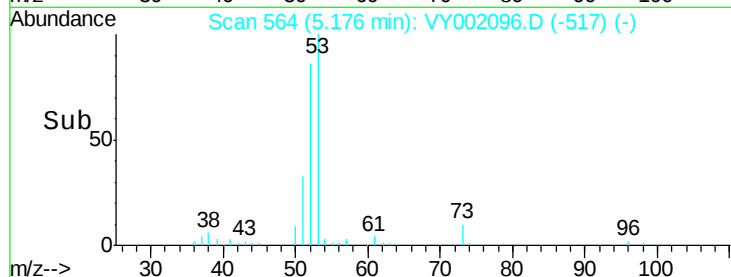
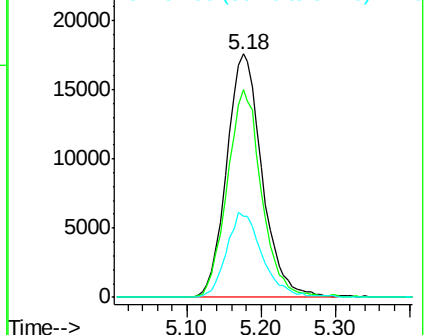
51 35.3 27.9 41.9



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: 102.728 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002096.D

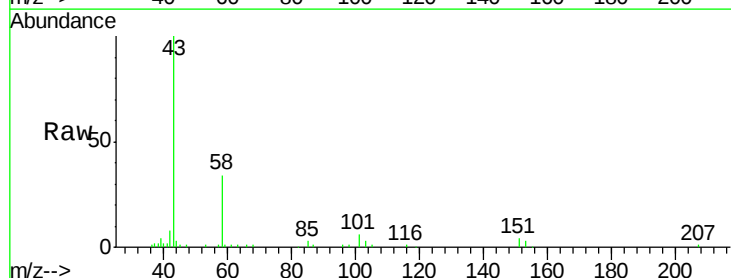
Acq: 27 Mar 2020 11:49

Tgt Ion: 43 Resp: 49868

Ion Ratio Lower Upper

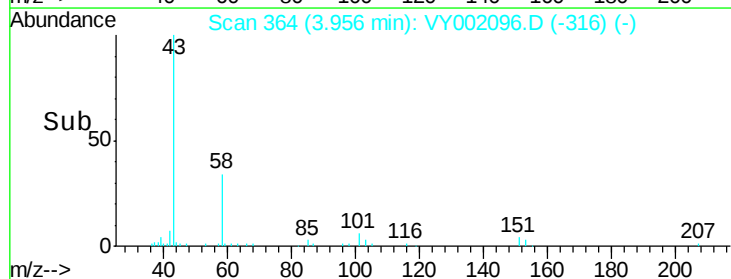
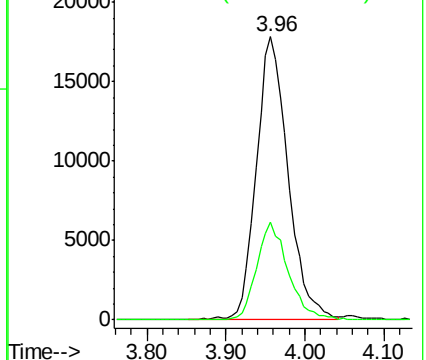
43 100

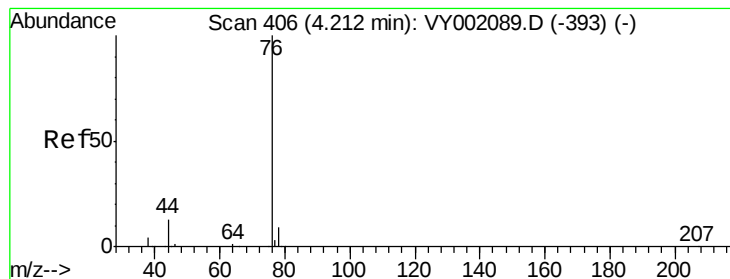
58 34.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.610 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

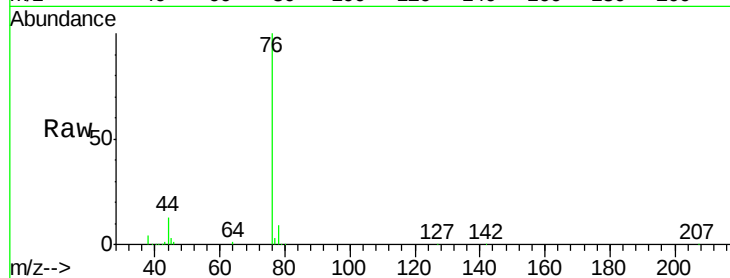
VY0327SBS01

Tgt Ion: 76 Resp: 121628

Ion Ratio Lower Upper

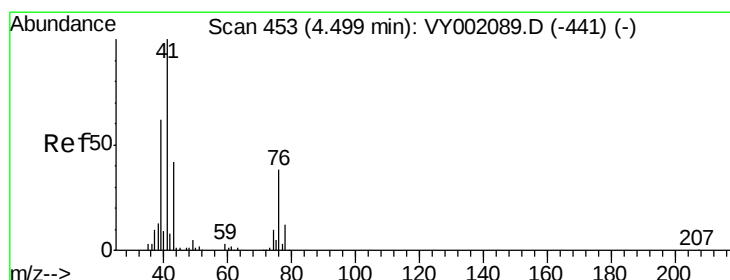
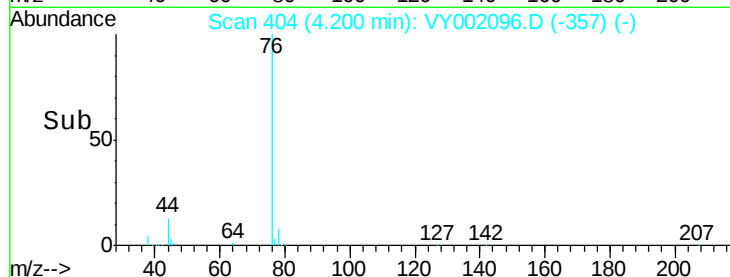
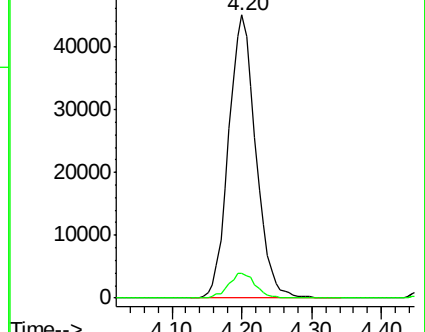
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002089.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002096.D (-404) (-)



#18

Methyl Acetate

Concen: 20.604 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002096.D

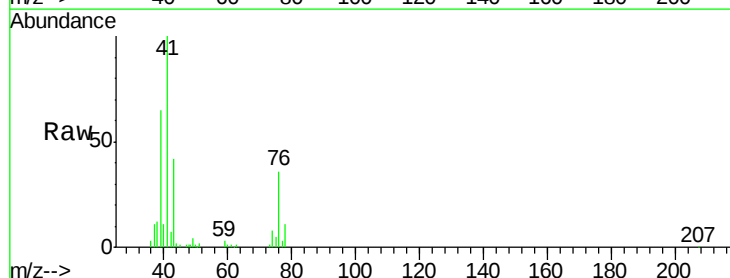
Acq: 27 Mar 2020 11:49

Tgt Ion: 43 Resp: 25972

Ion Ratio Lower Upper

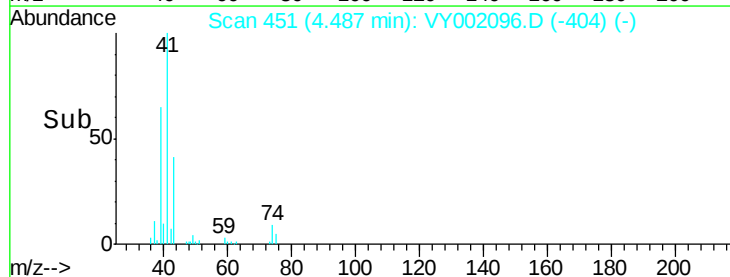
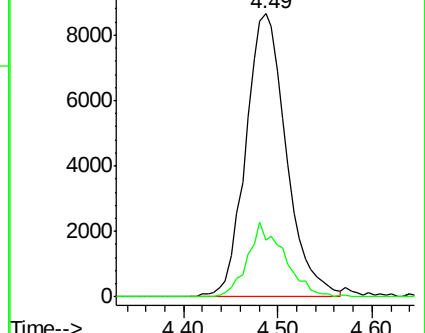
43 100

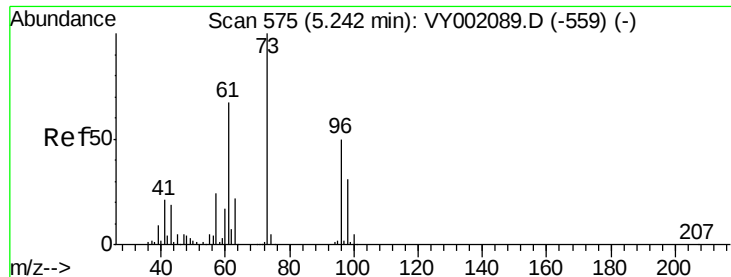
74 23.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-441) (-)

Ion 74.00 (73.70 to 74.70): VY002096.D (-404) (-)

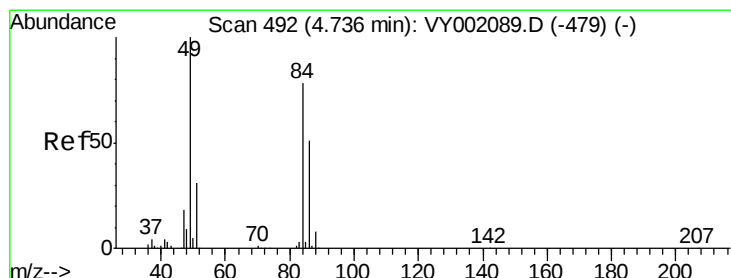
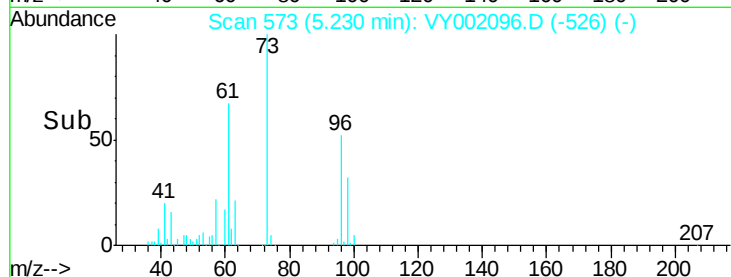
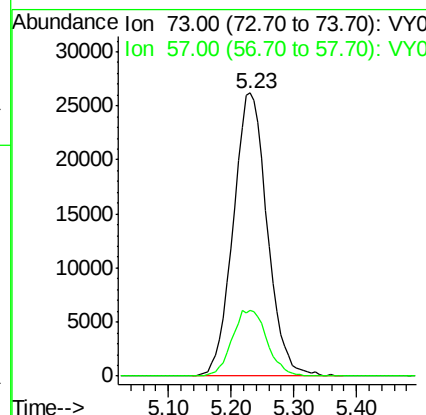
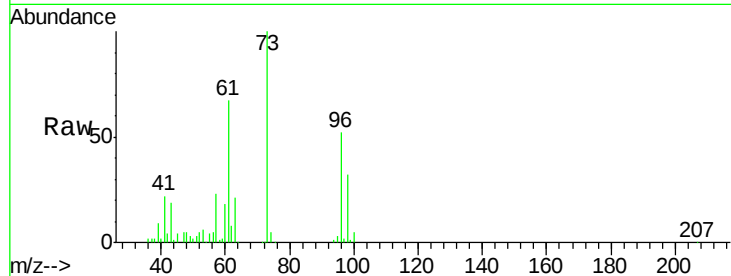




#19
Methyl tert-butyl Ether
Concen: 20.735 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

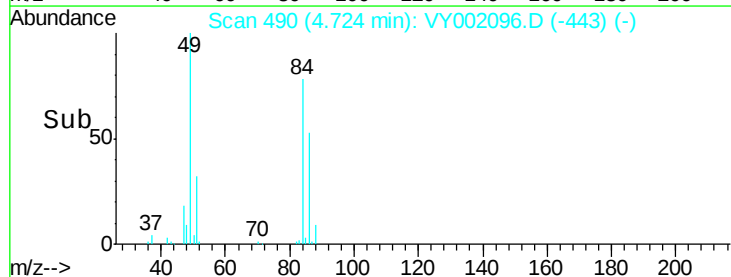
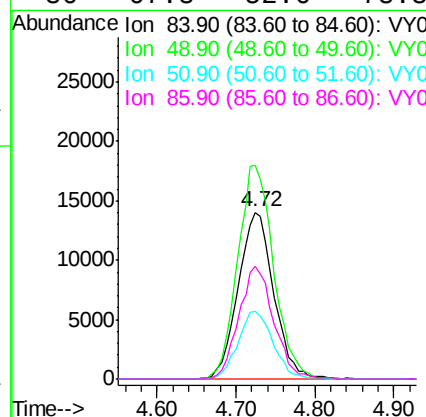
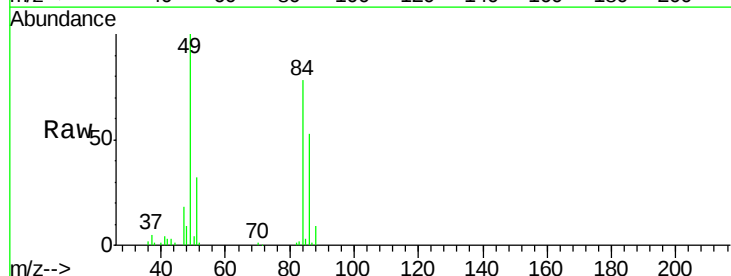
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

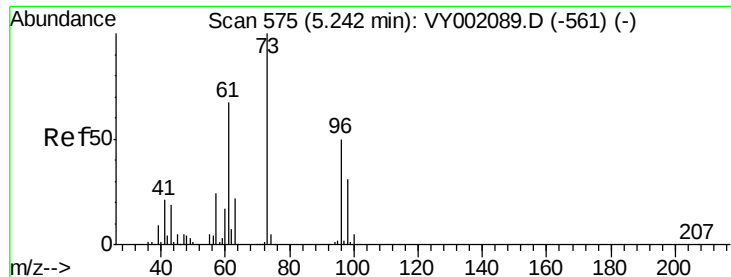
Tgt Ion: 73 Resp: 98104
Ion Ratio Lower Upper
73 100
57 23.2 19.0 28.6



#20
Methylene Chloride
Concen: 18.581 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 84 Resp: 43814
Ion Ratio Lower Upper
84 100
49 128.3 102.2 153.4
51 40.6 31.2 46.8
86 67.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 21.122 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

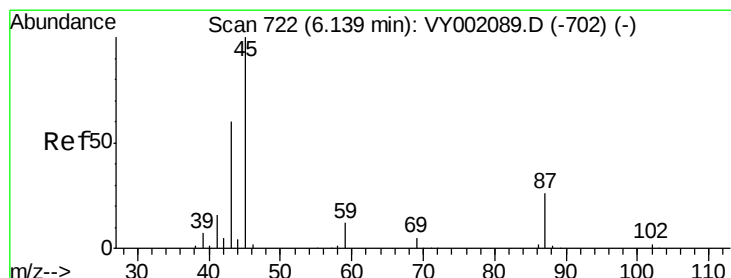
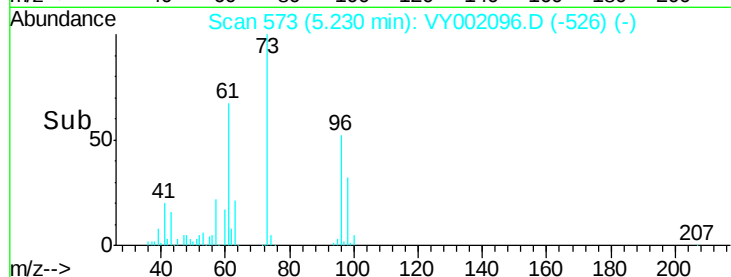
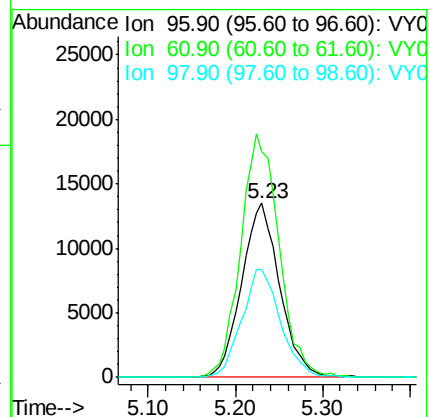
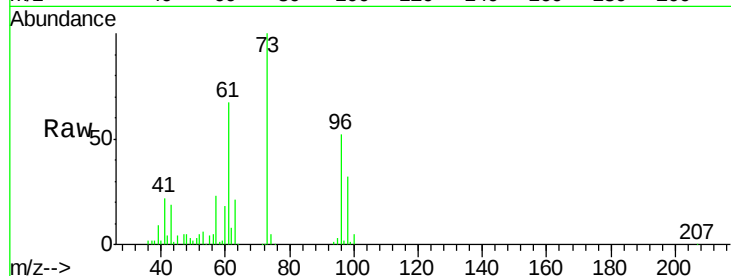
Tgt Ion: 96 Resp: 40788

Ion Ratio Lower Upper

96 100

61 129.6 107.7 161.5

98 61.8 50.5 75.7



#22

Diisopropyl ether

Concen: 21.021 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tgt Ion: 45 Resp: 133562

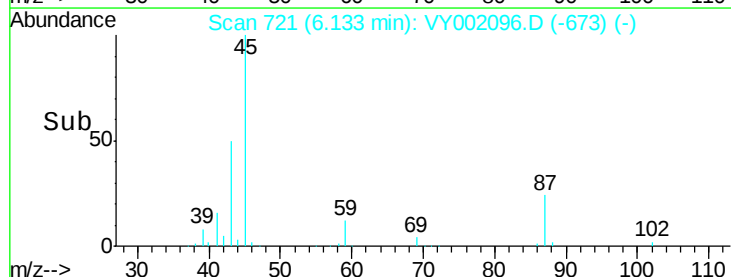
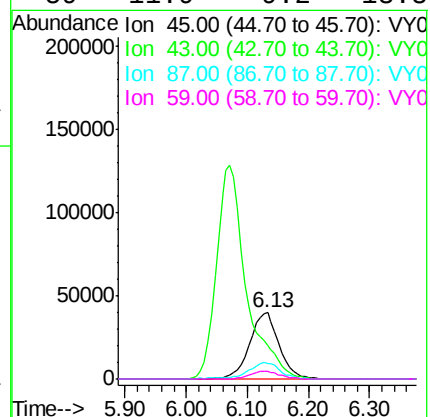
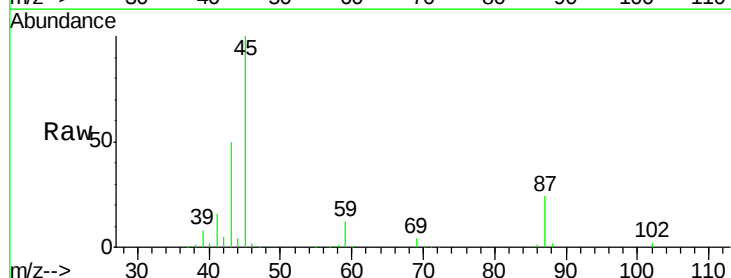
Ion Ratio Lower Upper

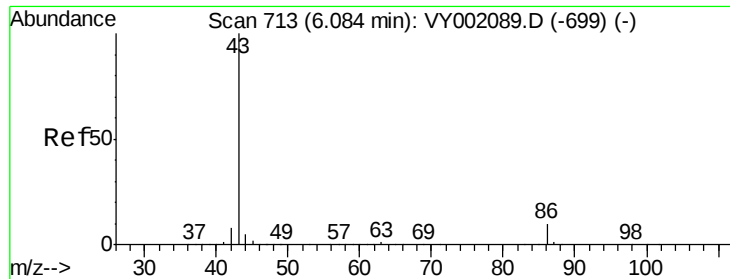
45 100

43 49.4 48.1 72.1

87 23.7 21.1 31.7

59 11.9 9.2 13.8





#23

Vinyl Acetate

Concen: 104.987 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

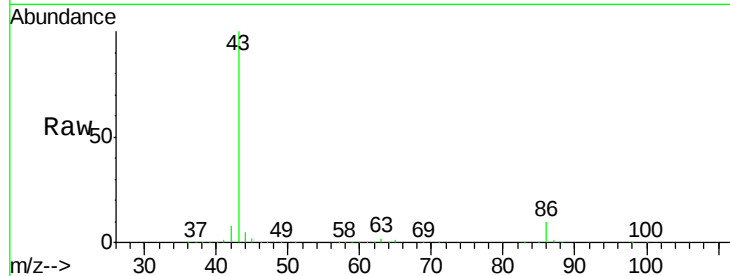
VY0327SBS01

Tgt Ion: 43 Resp: 437426

Ion Ratio Lower Upper

43 100

86 9.9 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

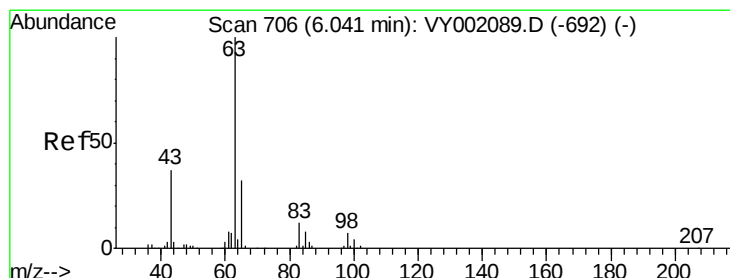
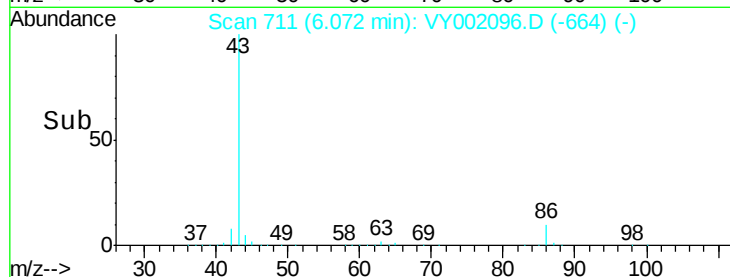
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.135 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.02 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

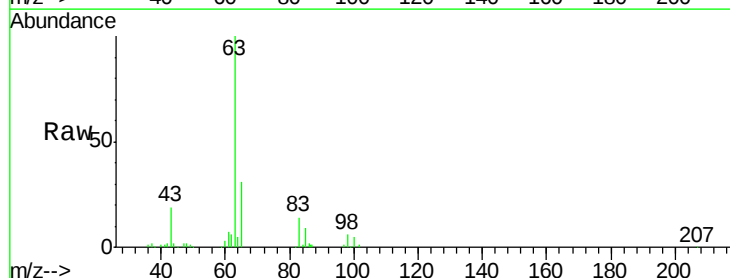
Tgt Ion: 63 Resp: 71402

Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.9

100 4.8 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

6.02

30000

25000

20000

15000

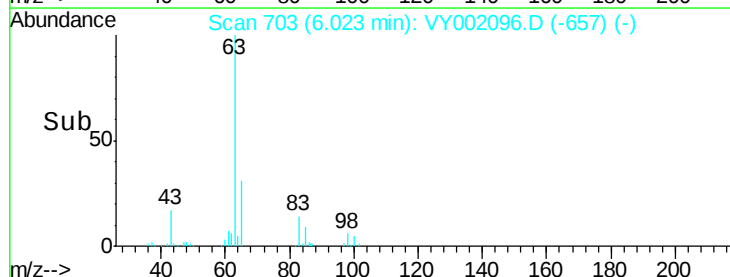
10000

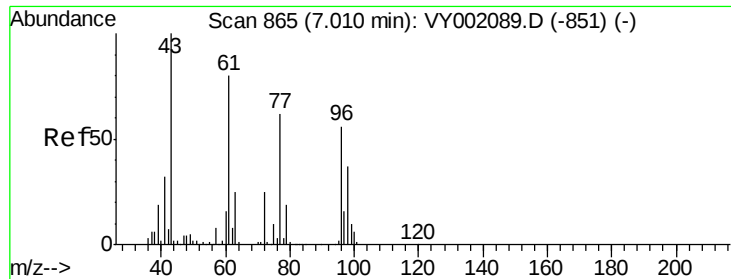
5000

0

Time-->

5.90 6.00 6.10





#25

2-Butanone

Concen: 106.459 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

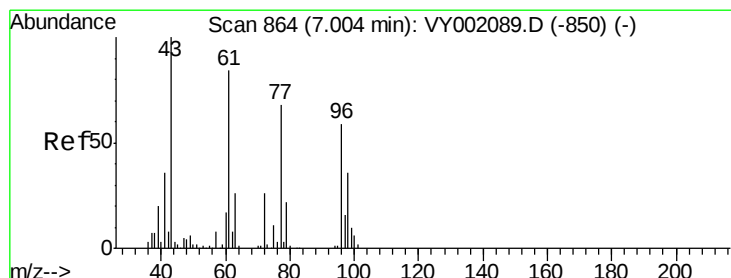
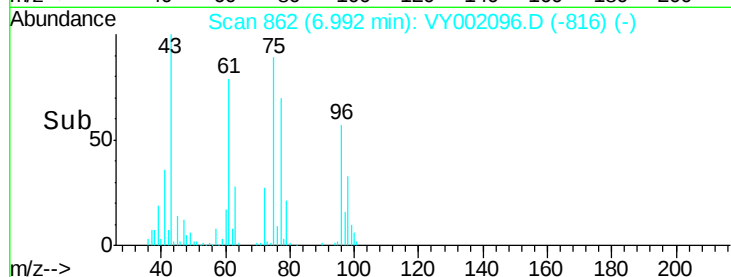
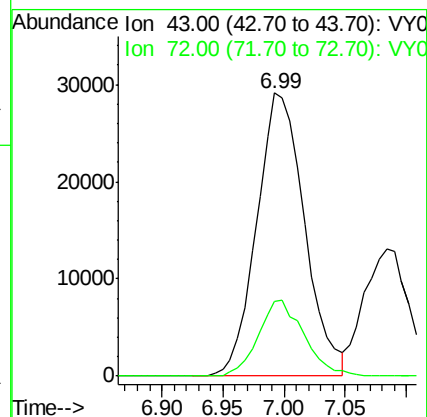
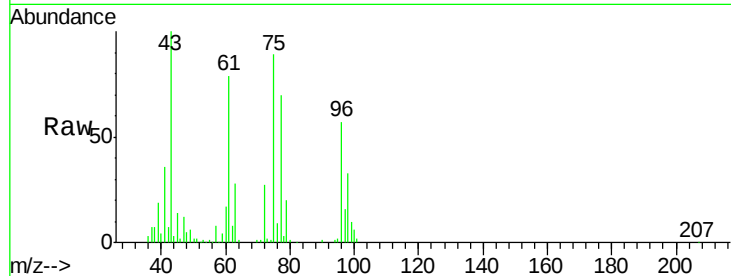
VY0327SBS01

Tgt Ion: 43 Resp: 79354

Ion Ratio Lower Upper

43 100

72 26.5 20.2 30.2



#26

2,2-Dichloropropane

Concen: 21.542 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002096.D

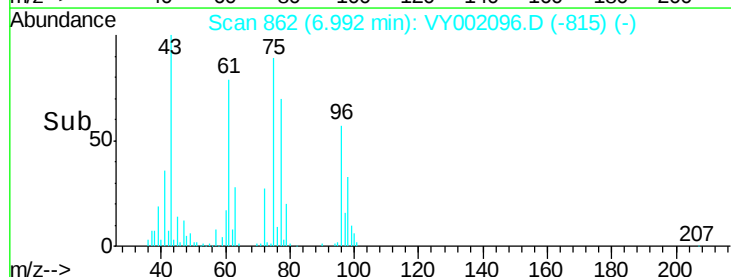
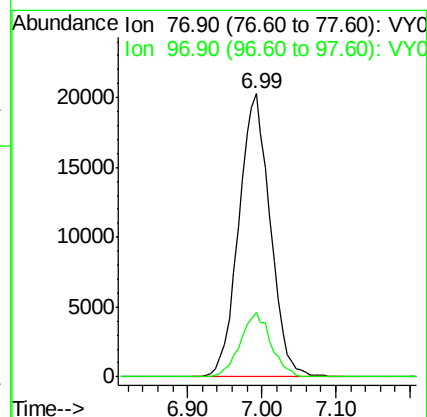
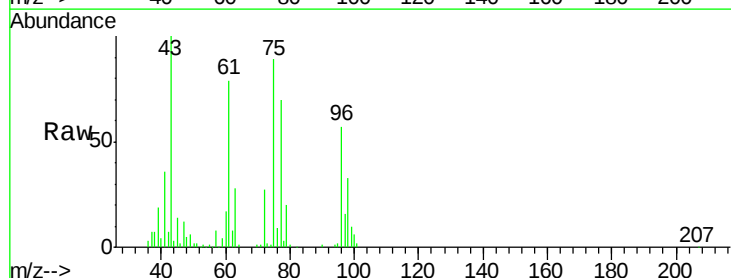
Acq: 27 Mar 2020 11:49

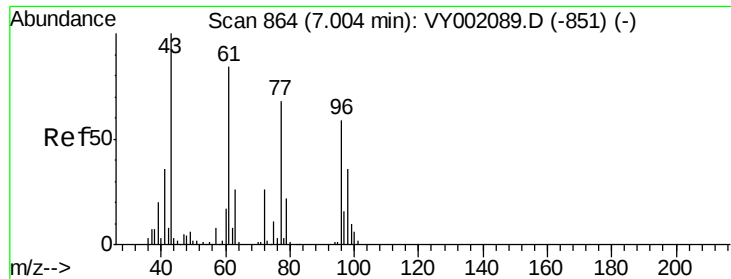
Tgt Ion: 77 Resp: 59936

Ion Ratio Lower Upper

77 100

97 22.2 11.7 35.1

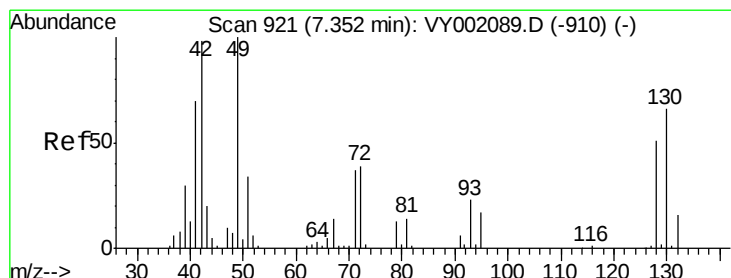
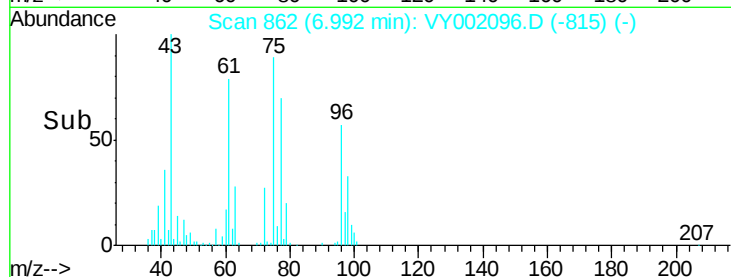
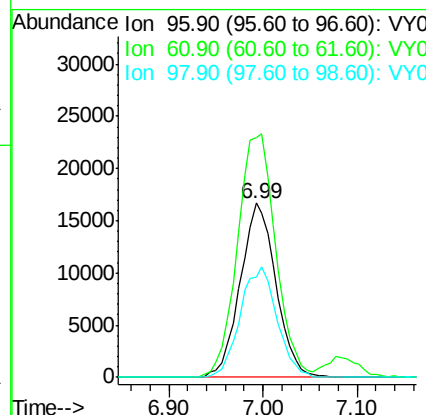
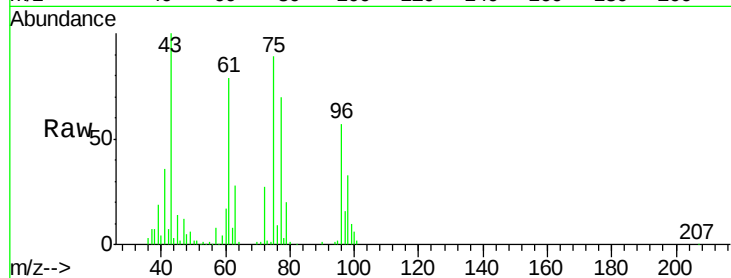




#27
 cis-1,2-Dichloroethene
 Concen: 20.770 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

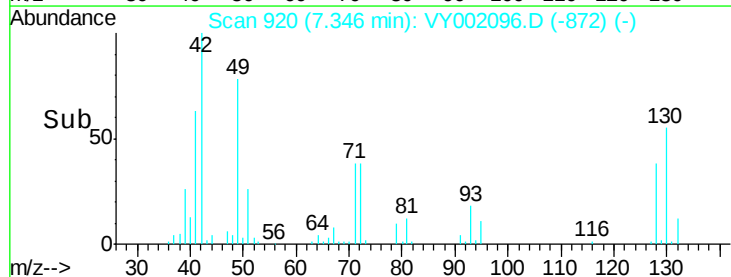
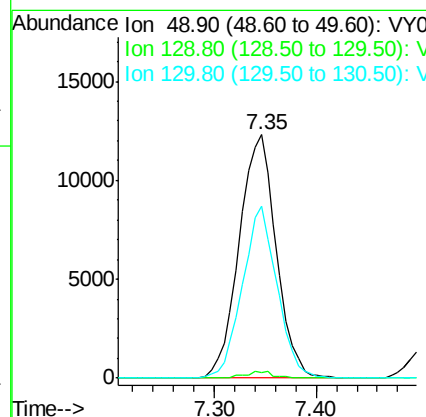
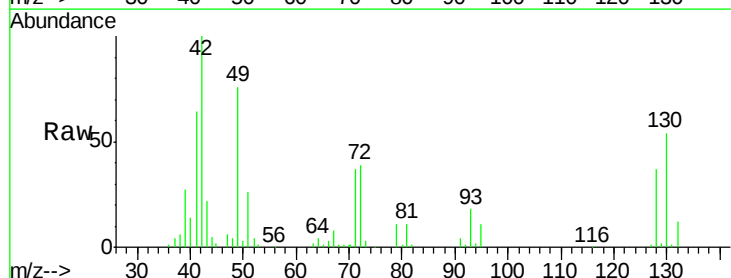
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

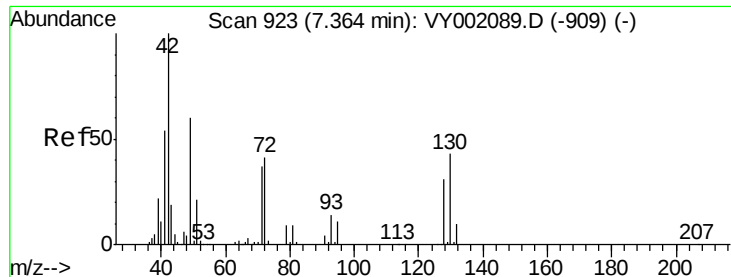
Tgt Ion: 96 Resp: 44123
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 290.6
 98 65.3 0.0 128.0



#28
 Bromochloromethane
 Concen: 20.081 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 49 Resp: 30971
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 66.0 54.1 81.1

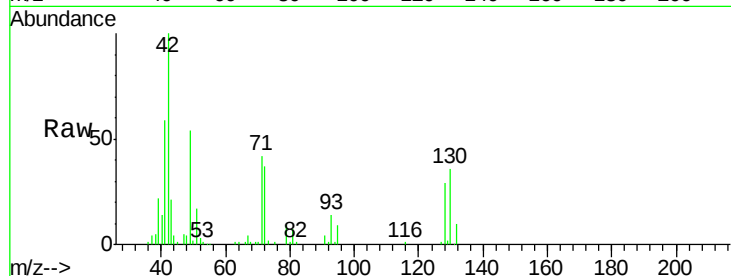




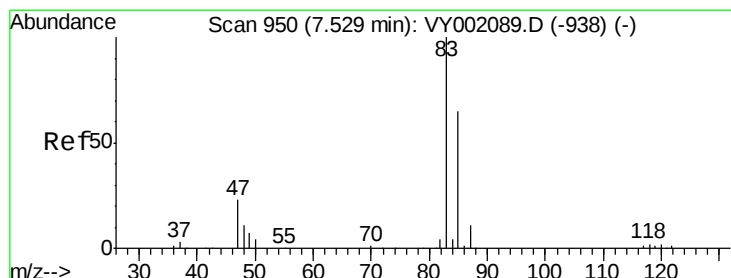
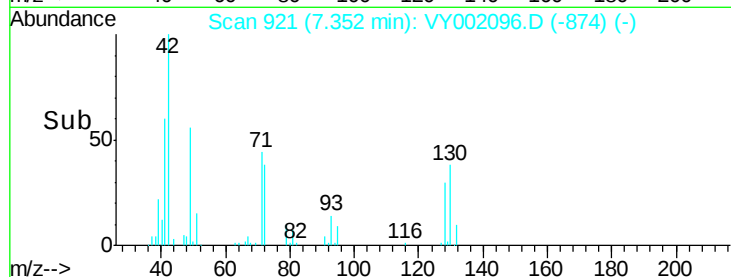
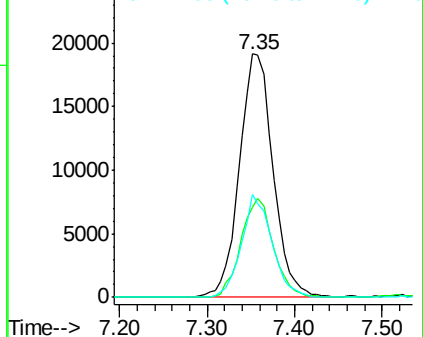
#29
Tetrahydrofuran
Concen: 104.654 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion: 42 Resp: 51145
Ion Ratio Lower Upper
42 100
72 39.6 33.0 49.4
71 38.2 31.2 46.8

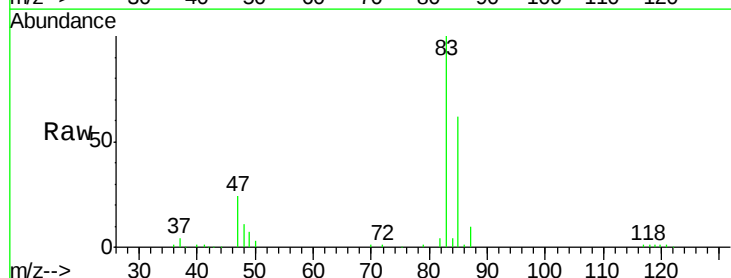


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

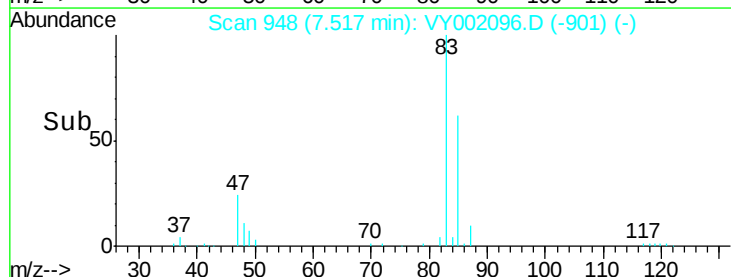
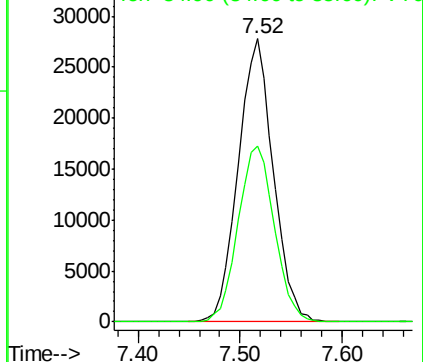


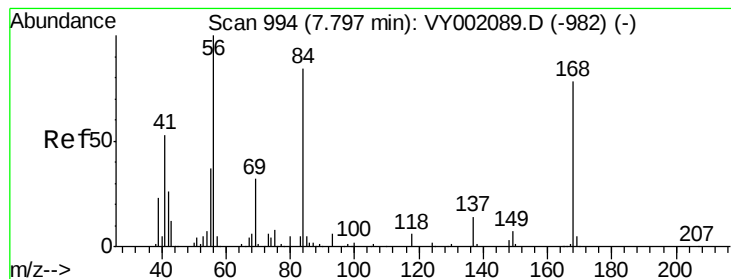
#30
Chloroform
Concen: 20.713 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 83 Resp: 66326
Ion Ratio Lower Upper
83 100
85 61.9 52.4 78.6



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





#31

Cyclohexane

Concen: 21.057 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

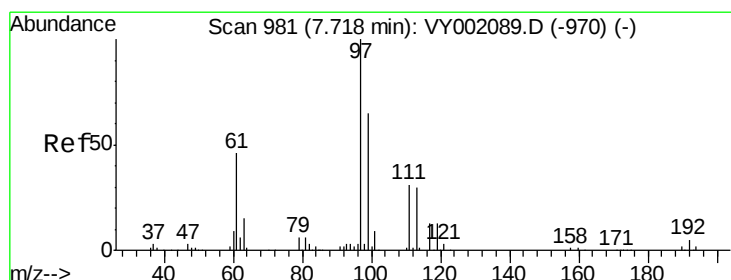
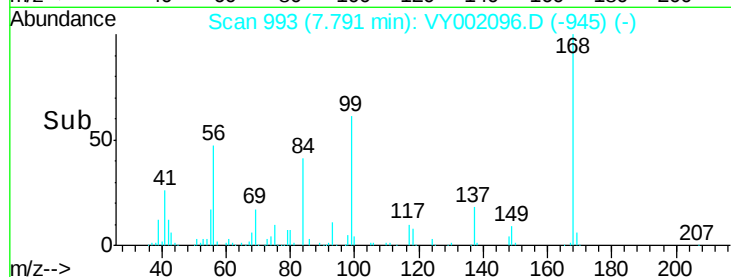
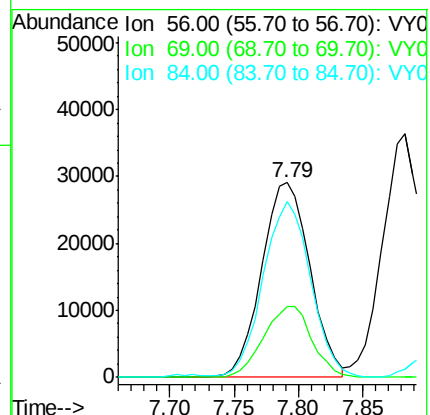
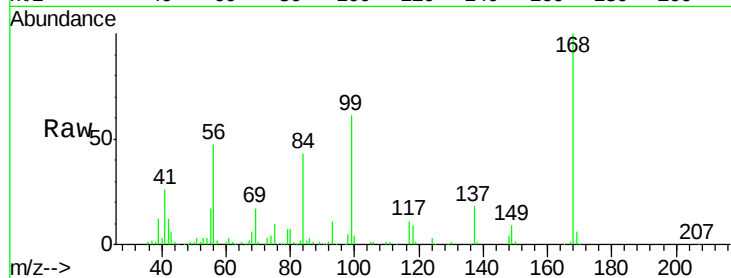
Tgt Ion: 56 Resp: 75800

Ion Ratio Lower Upper

56 100

69 36.5 25.8 38.8

84 88.9 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 20.814 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

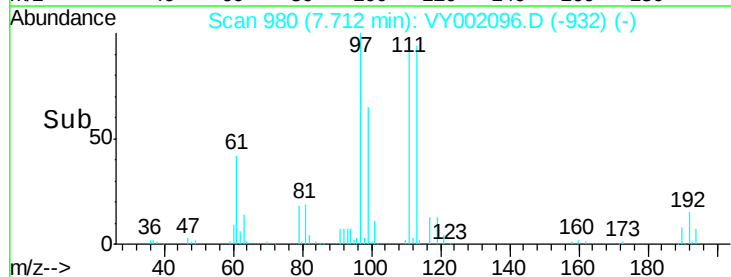
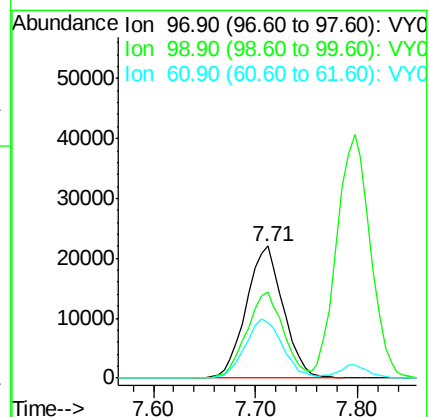
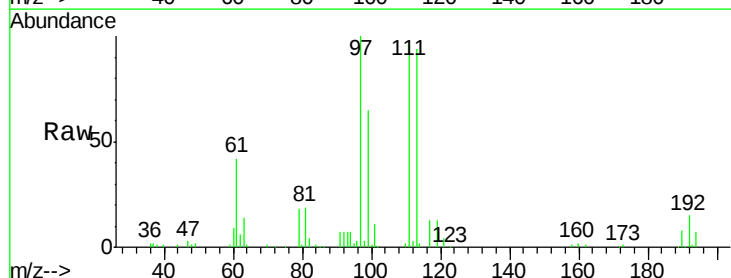
Tgt Ion: 97 Resp: 55649

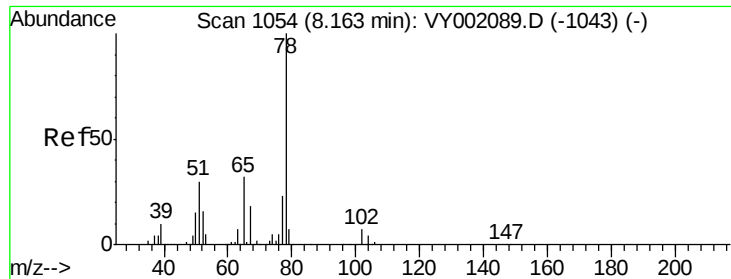
Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

61 45.0 35.7 53.5

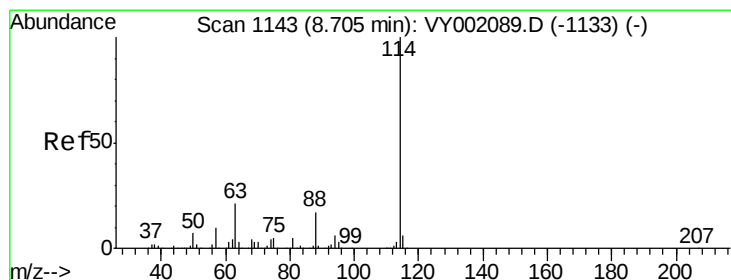
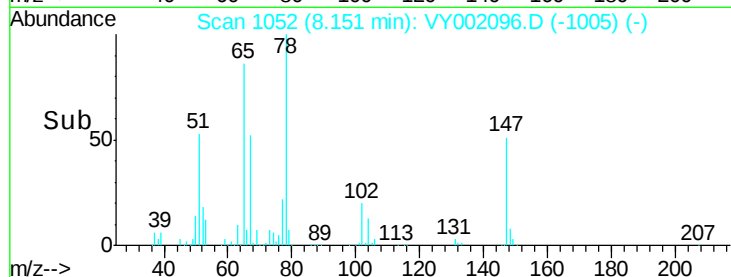
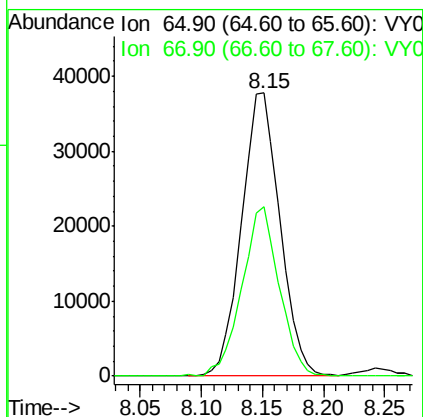
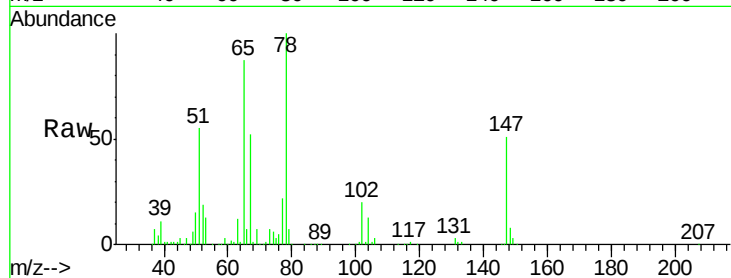




#33
 1,2-Dichloroethane-d4
 Concen: 47.830 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

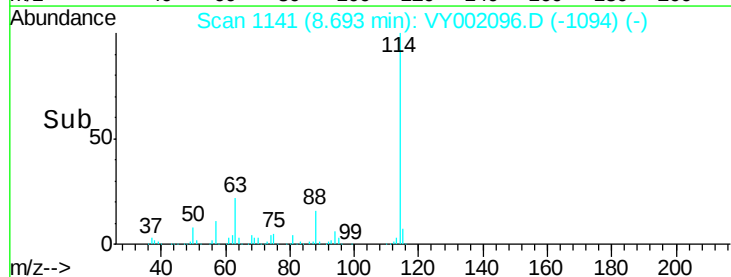
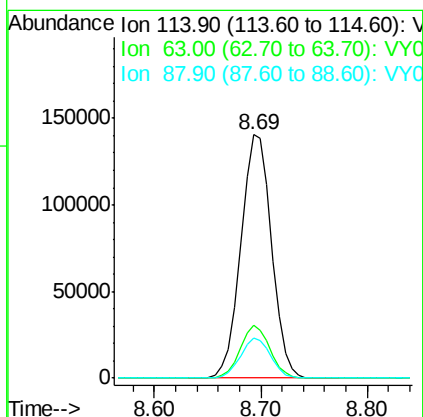
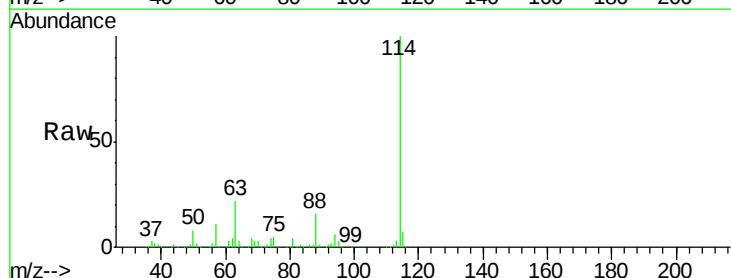
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

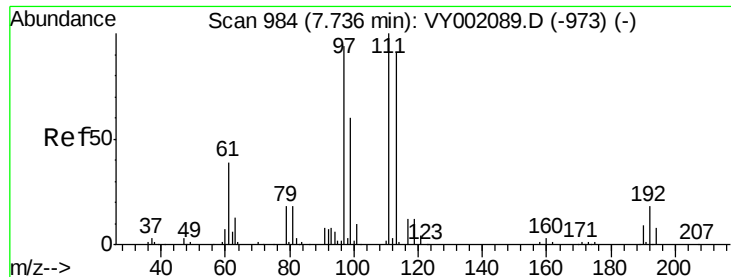
Tgt Ion: 65 Resp: 82643
 Ion Ratio Lower Upper
 65 100
 67 58.2 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 114 Resp: 284489
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.4
 88 16.3 0.0 33.0

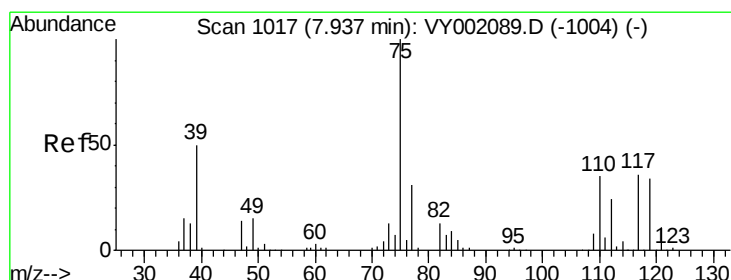
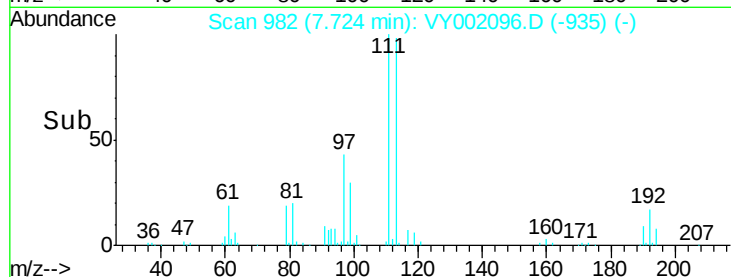
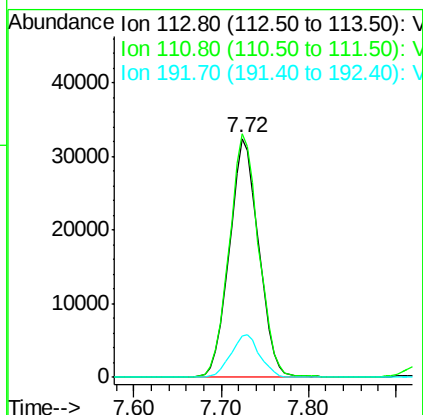
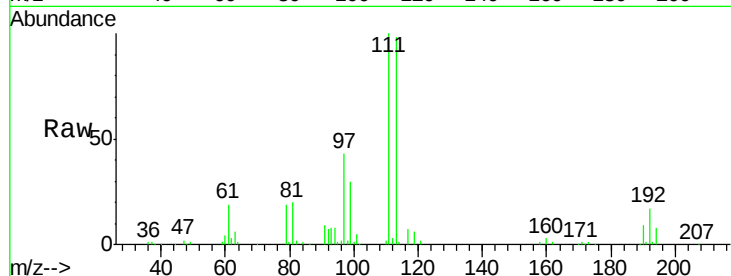




#35
 Dibromofluoromethane
 Concen: 47.427 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

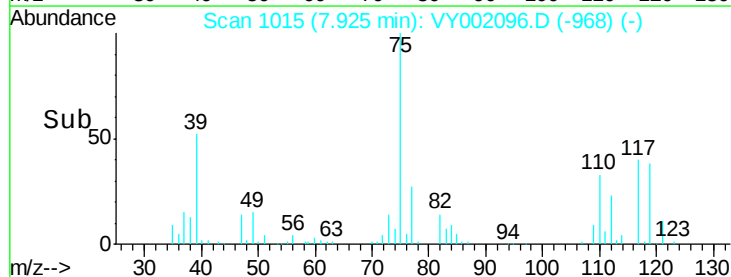
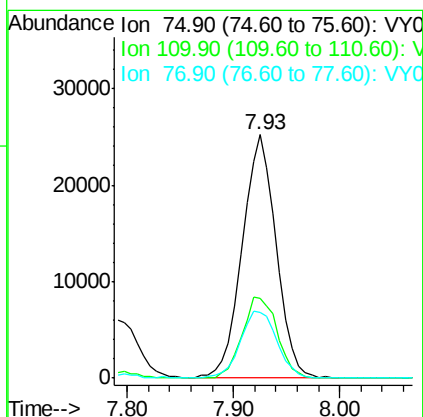
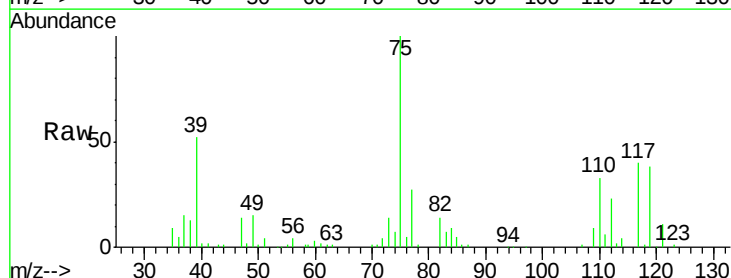
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

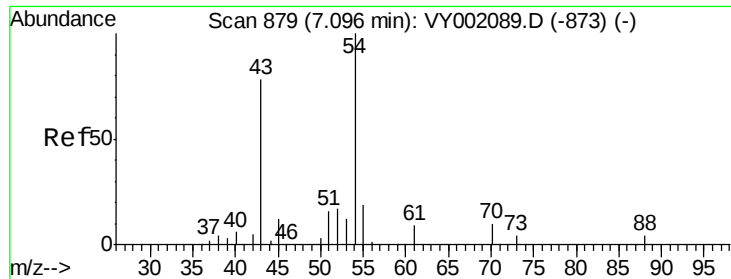
Tgt Ion:113 Resp: 75601
 Ion Ratio Lower Upper
 113 100
 111 102.9 84.4 126.6
 192 17.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 20.980 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 75 Resp: 56455
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.2 51.6
 77 29.8 24.7 37.1

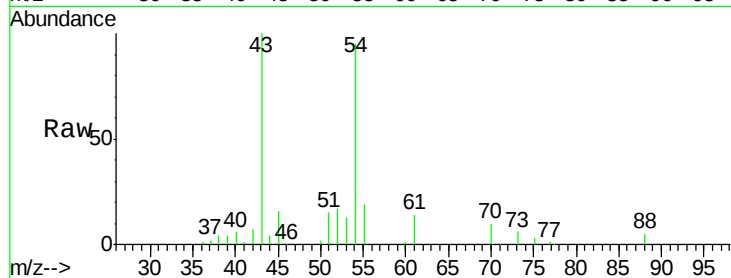




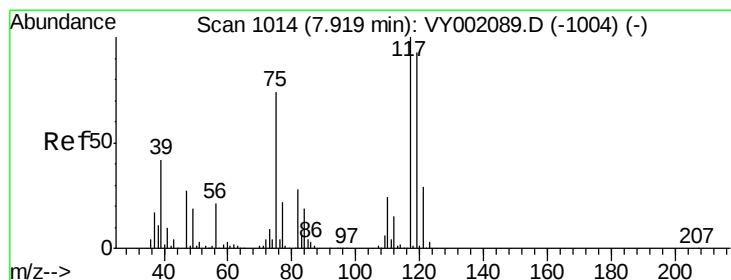
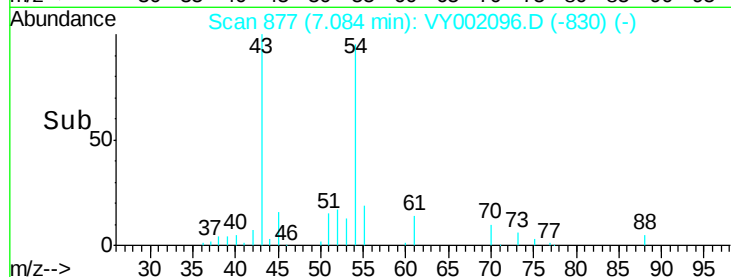
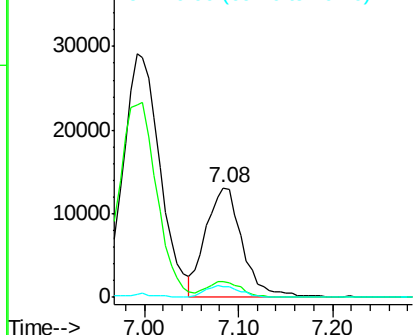
#37
Ethyl Acetate
Concen: 21.486 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion: 43 Resp: 34939
Ion Ratio Lower Upper
43 100
61 13.8 11.2 16.8
70 10.3 8.2 12.4

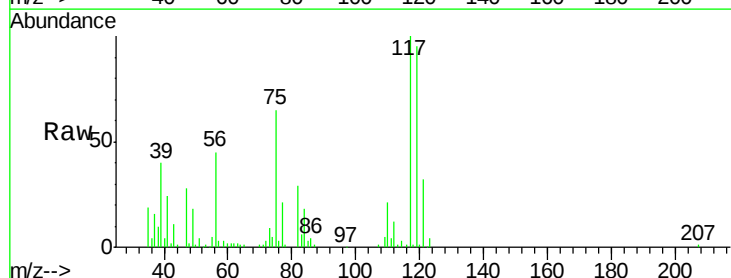


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

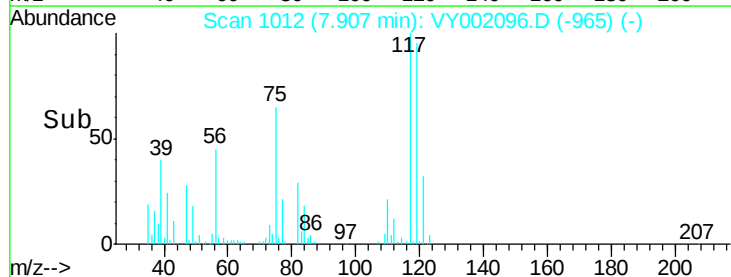
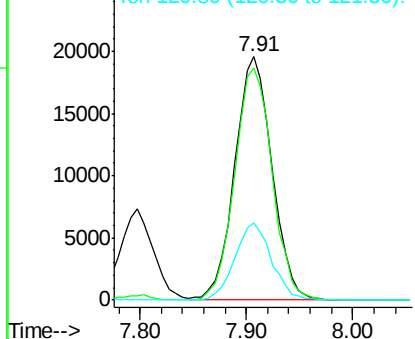


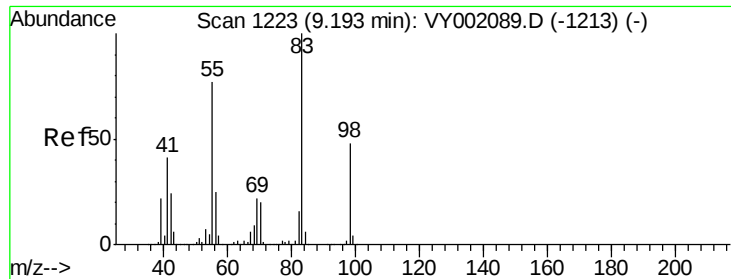
#38
Carbon Tetrachloride
Concen: 21.069 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 117 Resp: 48101
Ion Ratio Lower Upper
117 100
119 95.1 74.3 111.5
121 31.7 23.3 34.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

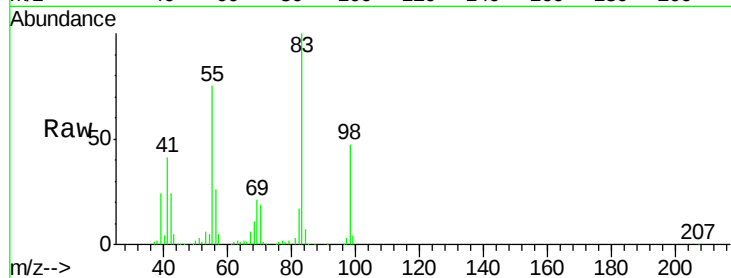




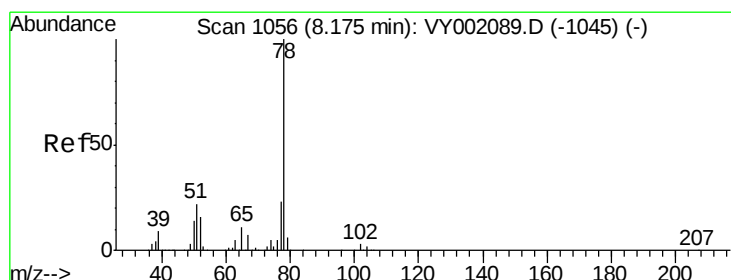
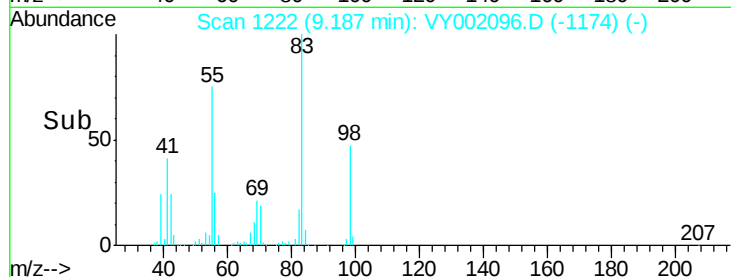
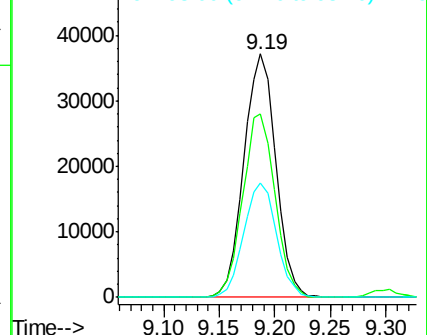
#39
Methylcyclohexane
Concen: 21.019 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion: 83 Resp: 74190
Ion Ratio Lower Upper
83 100
55 75.3 61.2 91.8
98 47.1 38.2 57.2

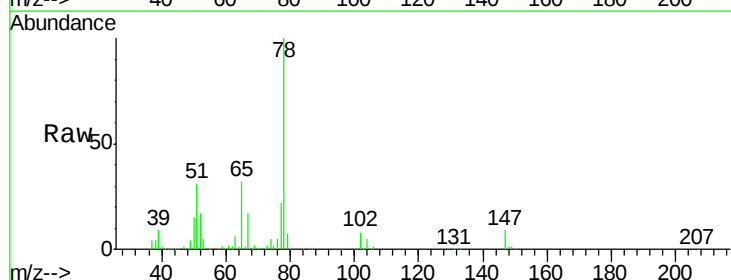


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

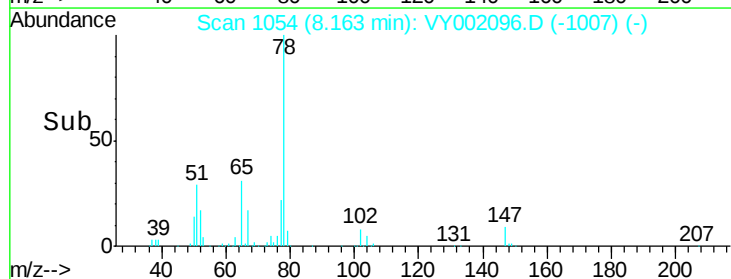
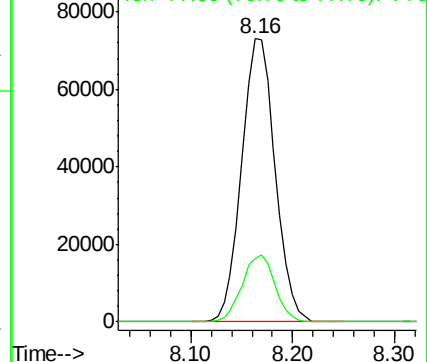


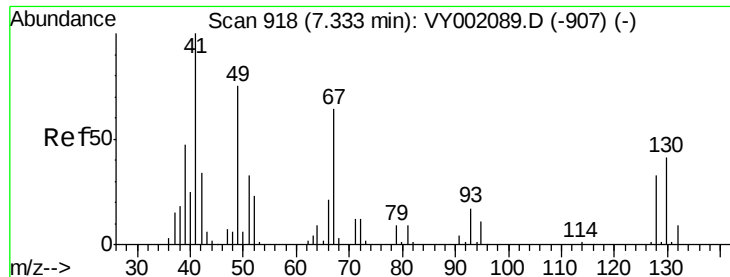
#40
Benzene
Concen: 20.916 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 78 Resp: 166718
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.4



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

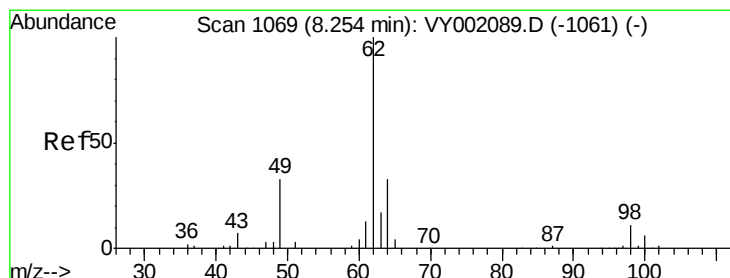
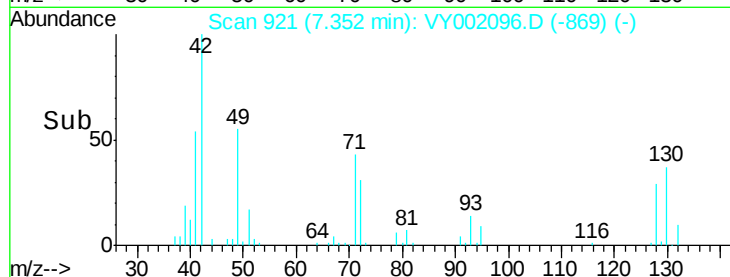
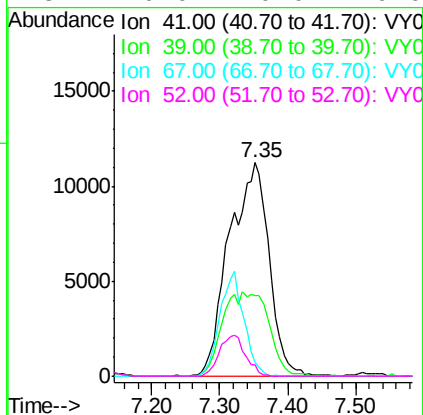
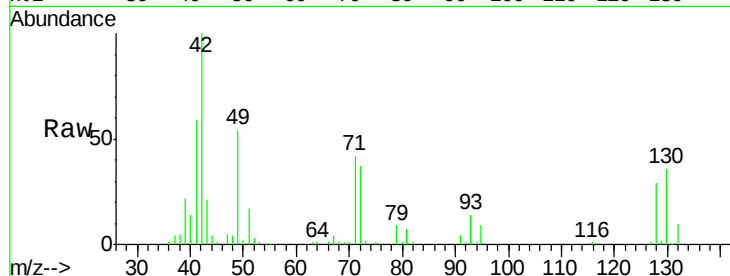




#41
Methacrylonitrile
Concen: 55.376 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

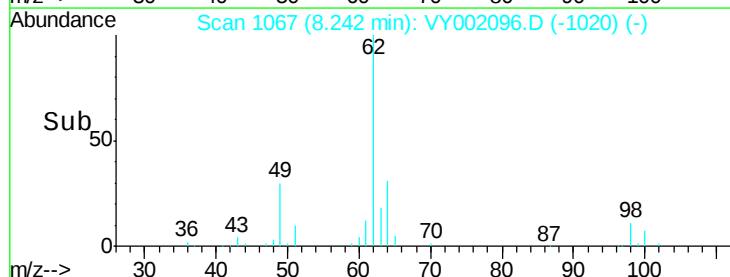
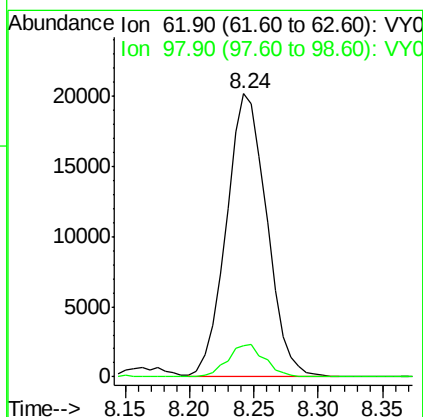
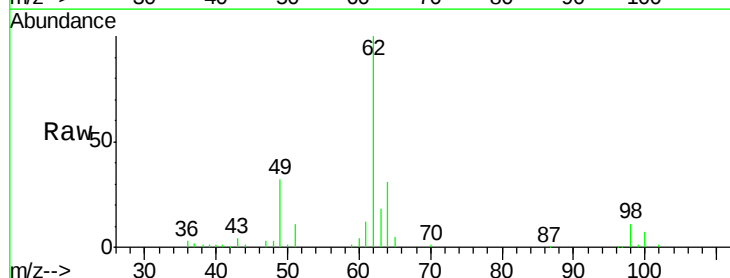
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

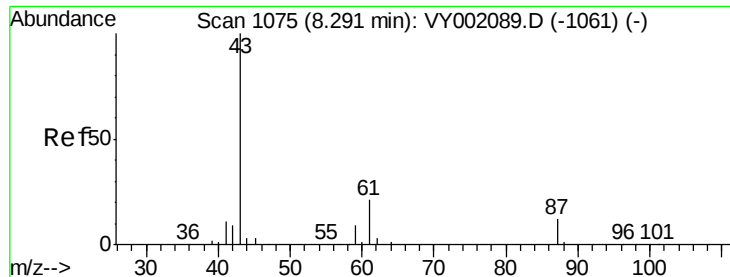
Tgt Ion:	41	Resp:	45548
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.872 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion:	62	Resp:	44168
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2





#43

Isopropyl Acetate

Concen: 20.901 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

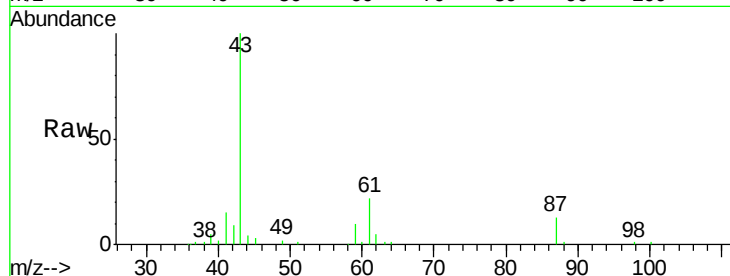
Tgt Ion: 43 Resp: 63080

Ion Ratio Lower Upper

43 100

61 29.1 23.4 35.2

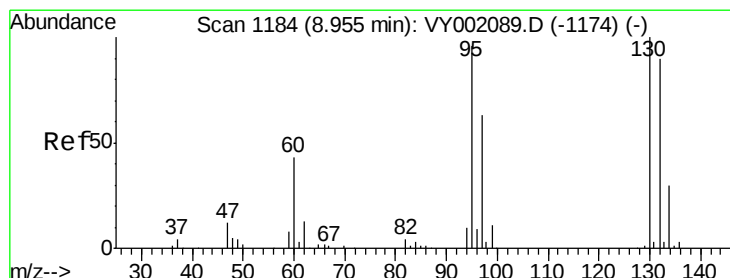
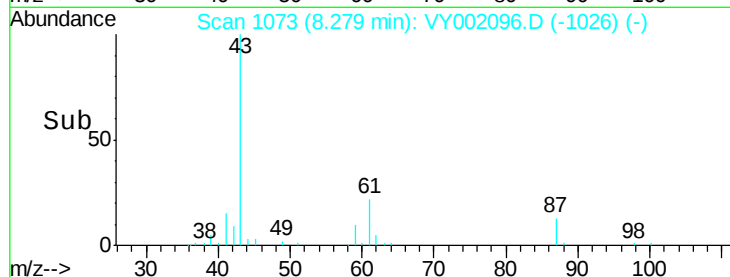
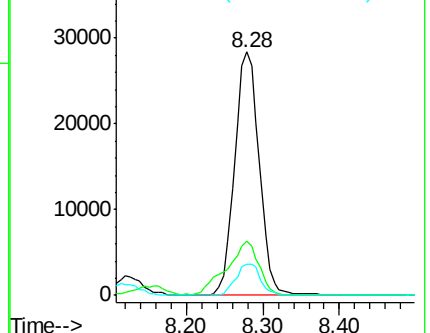
87 12.9 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002089.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002089.D (-1061) (-)



#44

Trichloroethene

Concen: 21.068 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002096.D

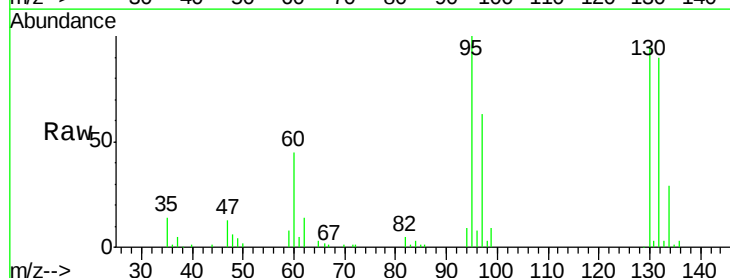
Acq: 27 Mar 2020 11:49

Tgt Ion: 130 Resp: 40479

Ion Ratio Lower Upper

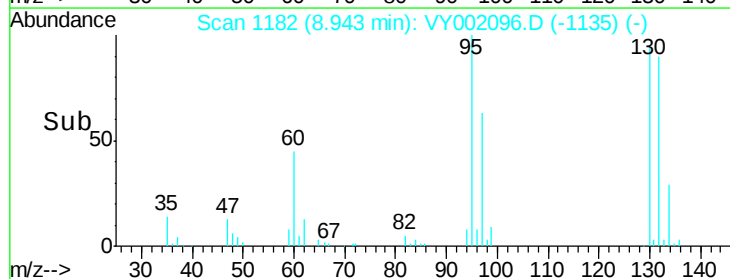
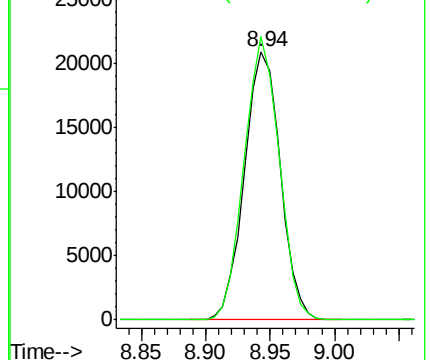
130 100

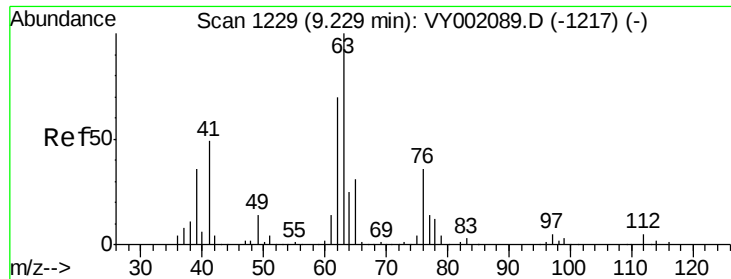
95 105.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002089.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002089.D (-1174) (-)

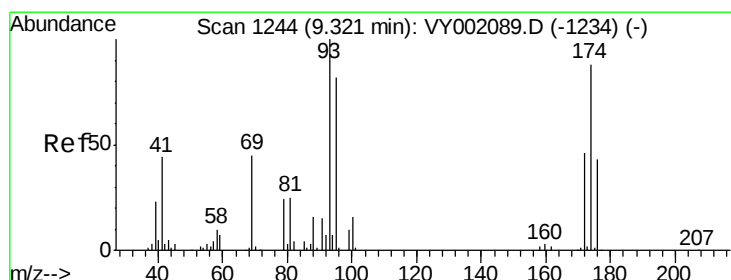
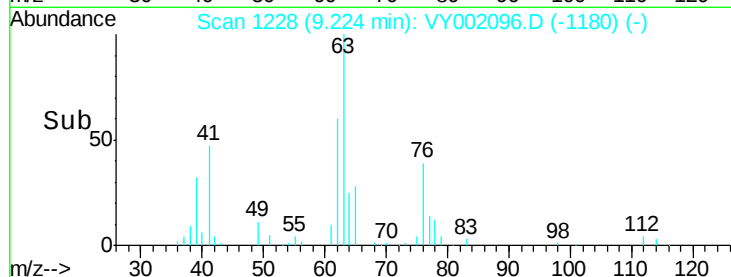
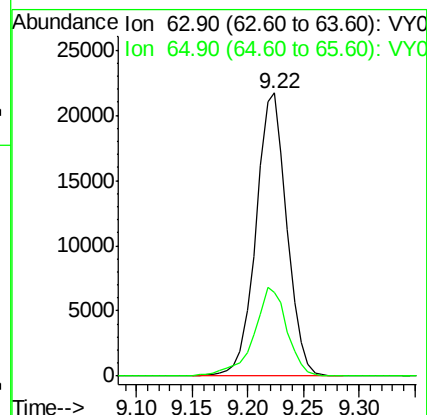
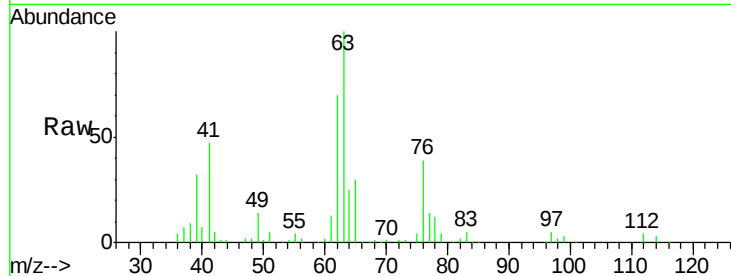




#45
 1,2-Dichloropropane
 Concen: 20.654 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

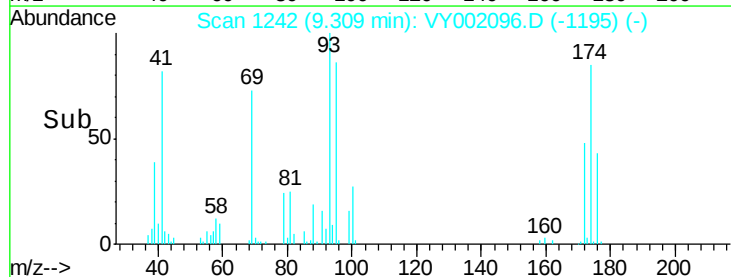
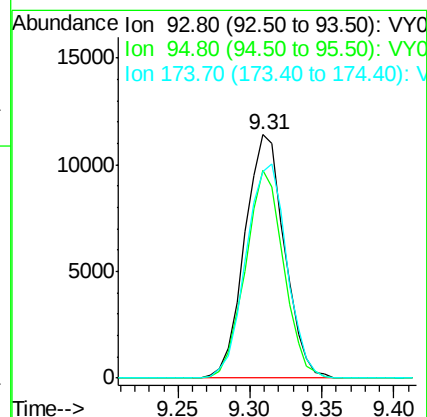
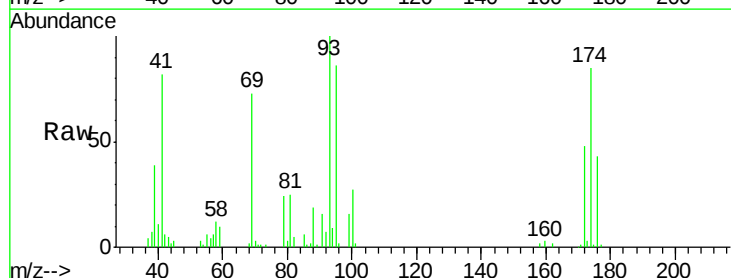
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

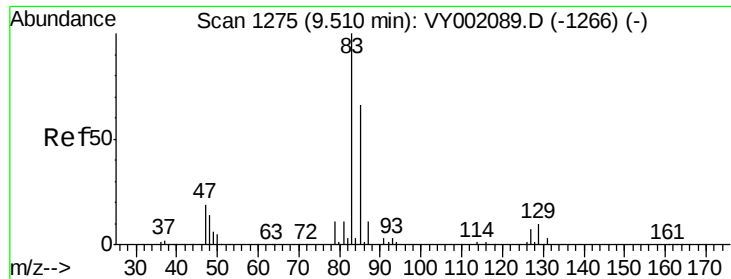
Tgt Ion: 63 Resp: 41917
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6



#46
 Dibromomethane
 Concen: 20.859 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 93 Resp: 21741
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.0 99.0
 174 90.6 69.8 104.8

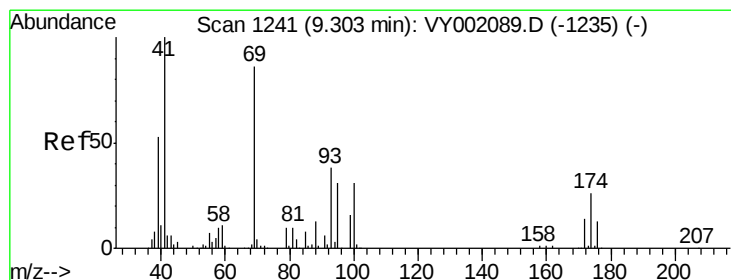
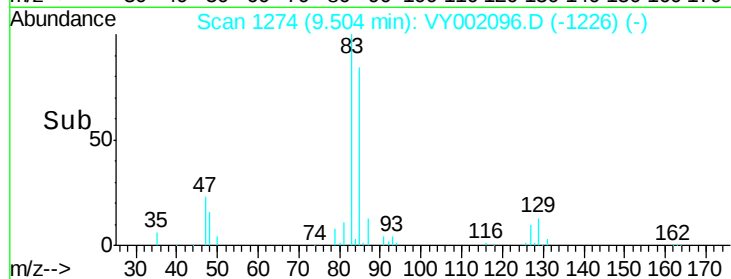
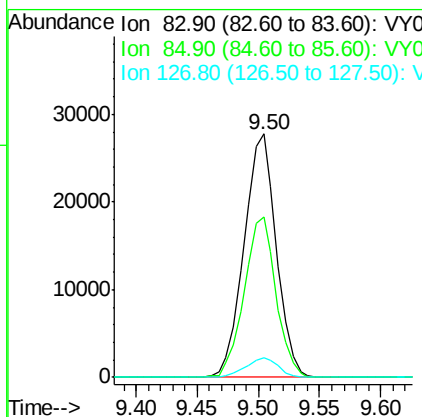
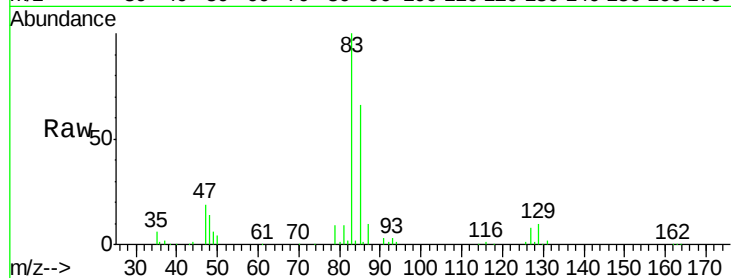




#47
Bromodichloromethane
Concen: 21.002 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

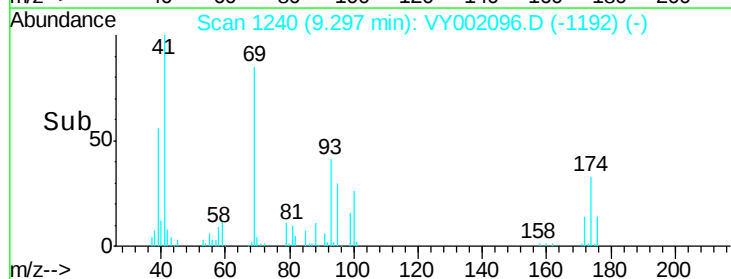
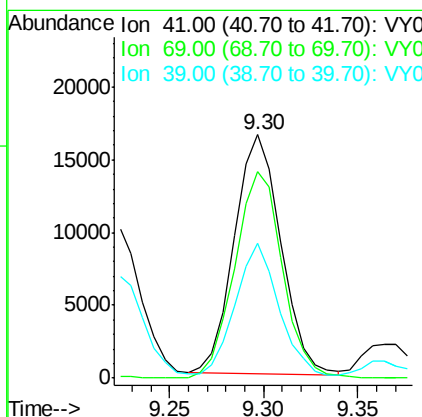
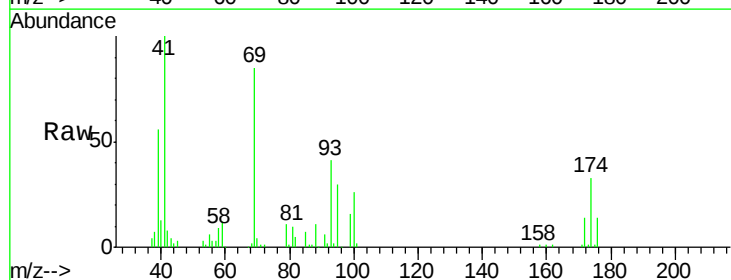
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

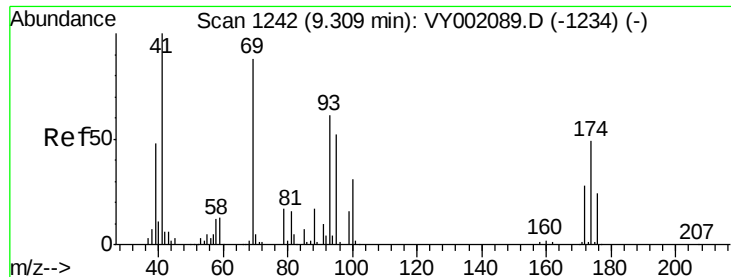
Tgt Ion: 83 Resp: 50958
Ion Ratio Lower Upper
83 100
85 65.9 52.6 79.0
127 8.1 5.9 8.9



#48
Methyl methacrylate
Concen: 20.746 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 41 Resp: 28059
Ion Ratio Lower Upper
41 100
69 88.7 71.4 107.0
39 51.8 41.0 61.4





#49

1,4-Dioxane

Concen: 416.919 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

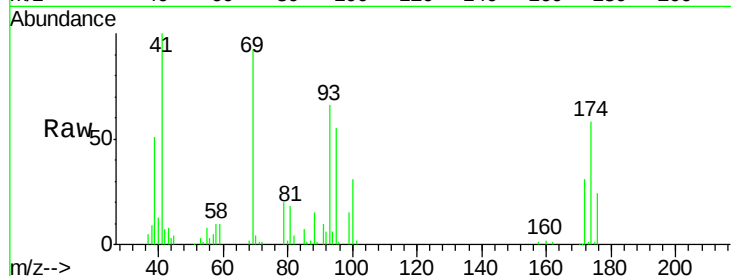
Tgt Ion: 88 Resp: 5963

Ion Ratio Lower Upper

88 100

43 24.8 27.2 40.8#

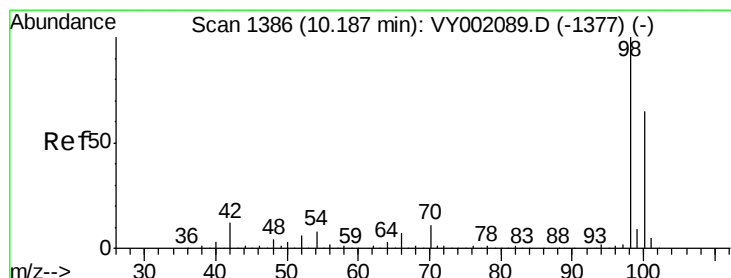
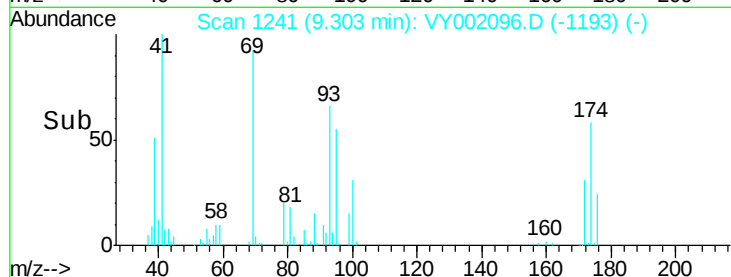
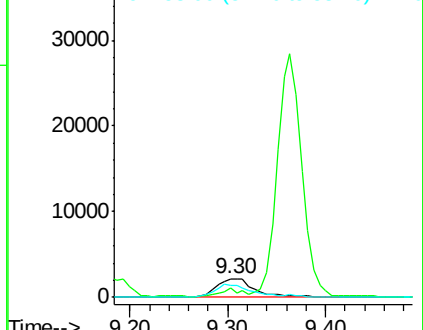
58 64.4 59.8 89.8



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 46.974 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002096.D

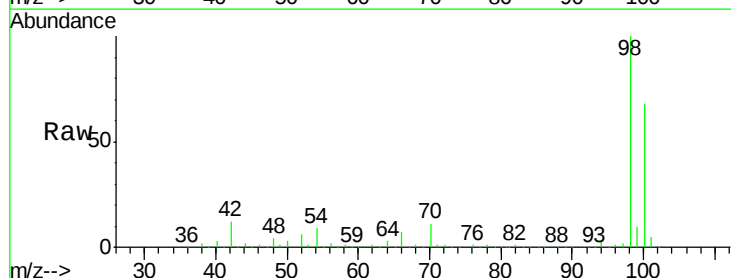
Acq: 27 Mar 2020 11:49

Tgt Ion: 98 Resp: 311063

Ion Ratio Lower Upper

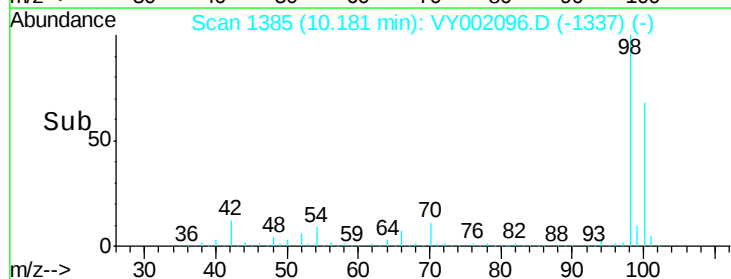
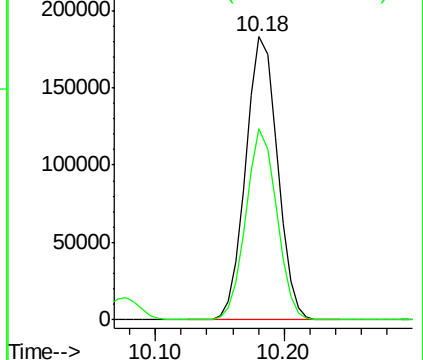
98 100

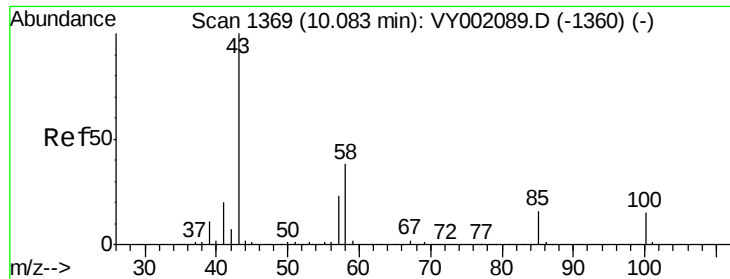
100 65.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

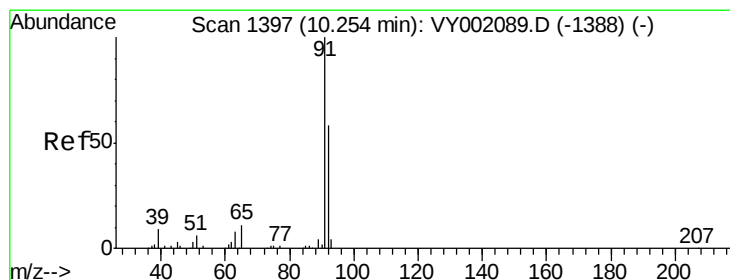
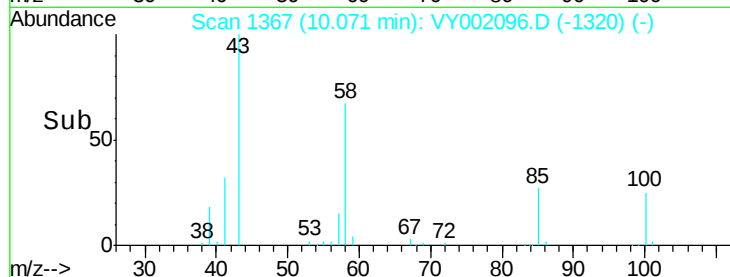
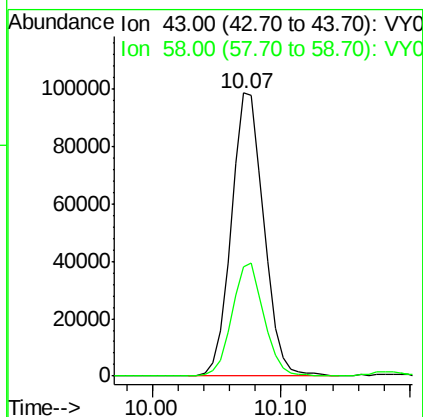
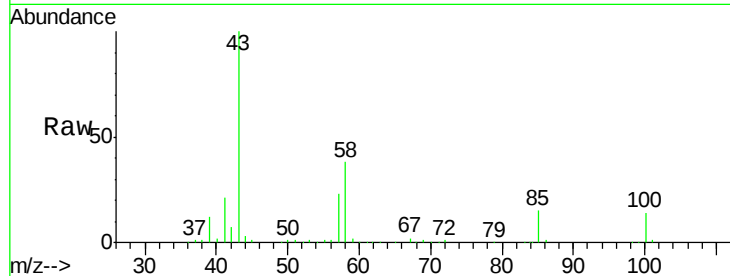




#51
 4-Methyl-2-Pentanone
 Concen: 111.246 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

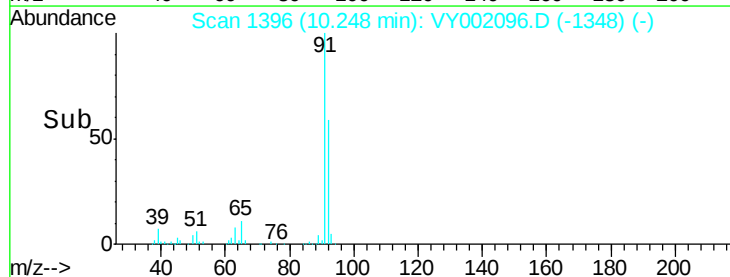
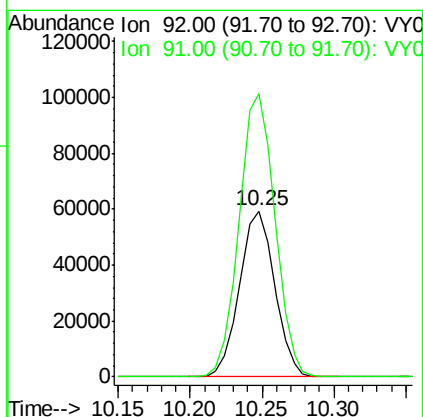
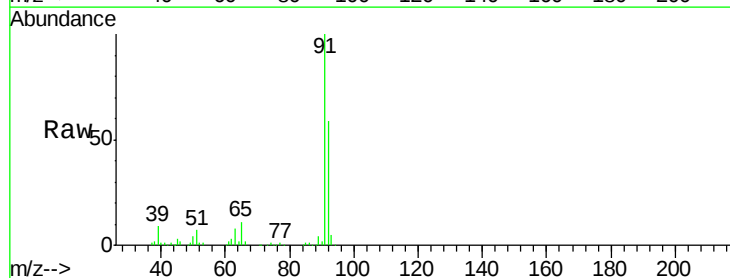
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

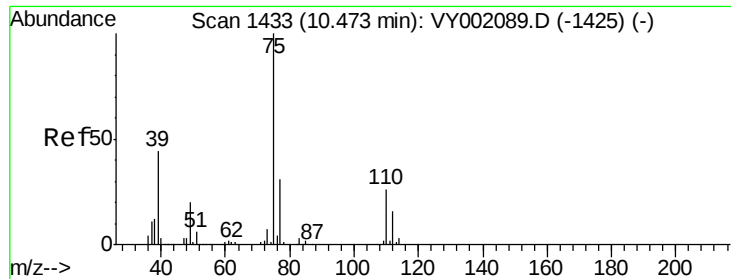
Tgt Ion: 43 Resp: 172886
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.6 47.4



#52
 Toluene
 Concen: 20.807 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 92 Resp: 100309
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.345 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

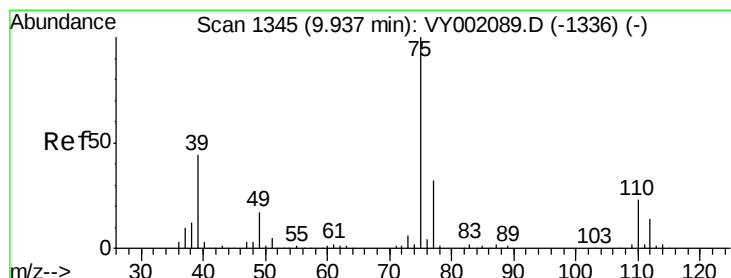
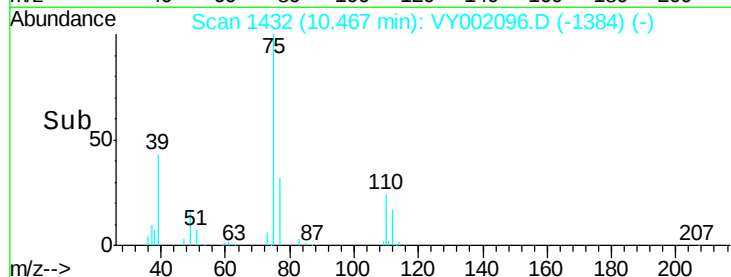
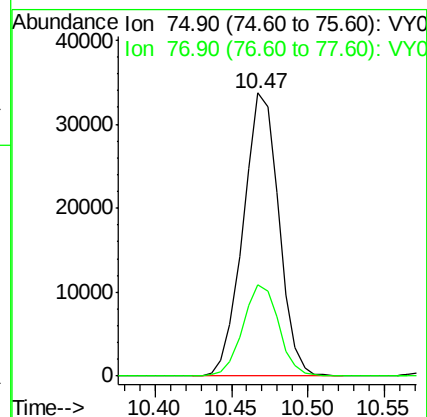
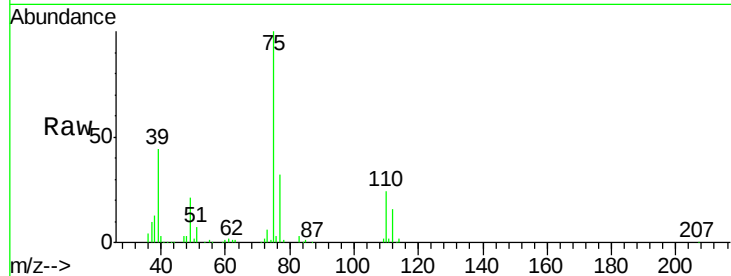
VY0327SBS01

Tgt Ion: 75 Resp: 54791

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.520 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

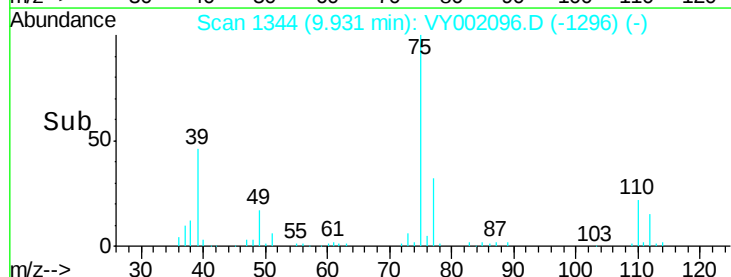
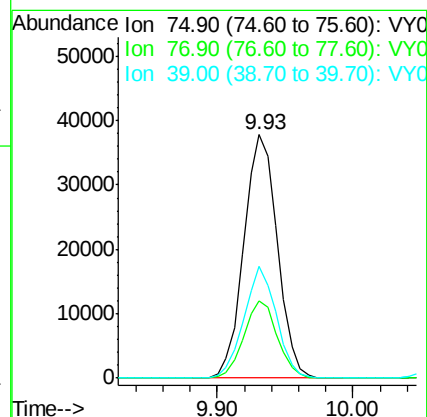
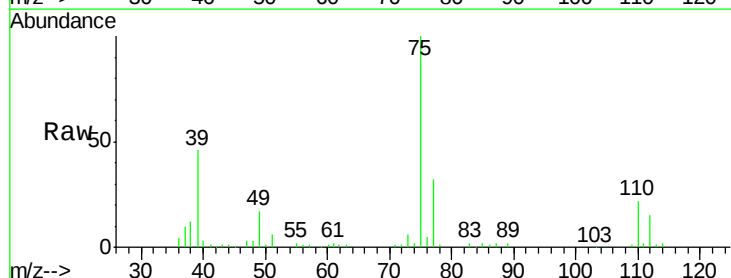
Tgt Ion: 75 Resp: 65063

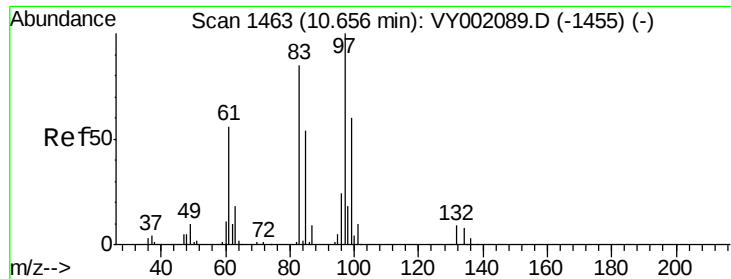
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 46.1 35.2 52.8

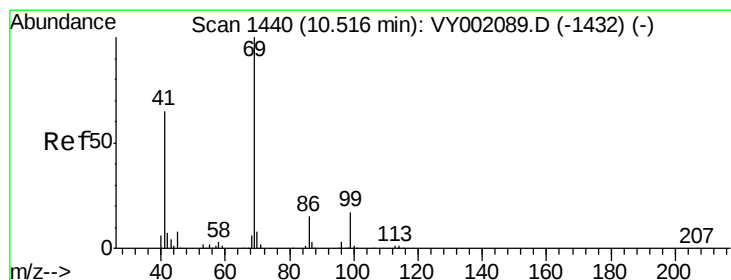
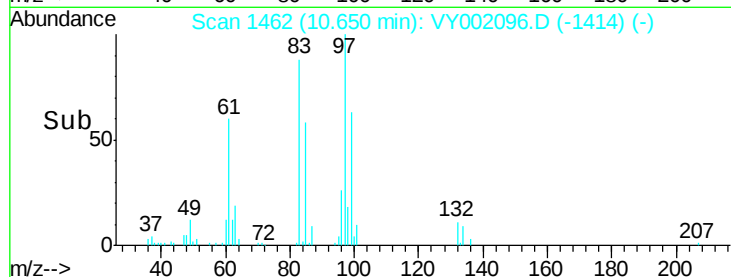
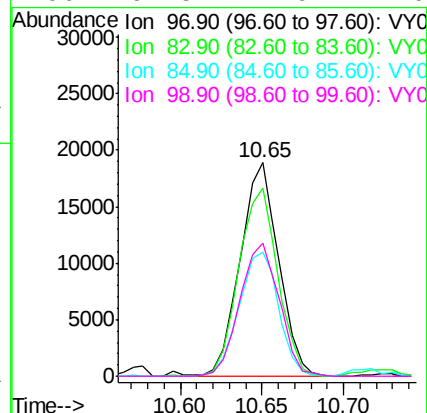
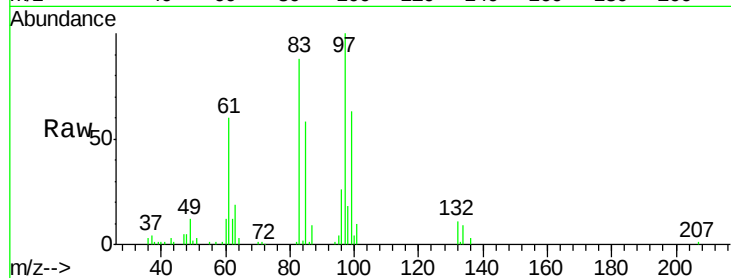




#55
 1,1,2-Trichloroethane
 Concen: 20.121 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

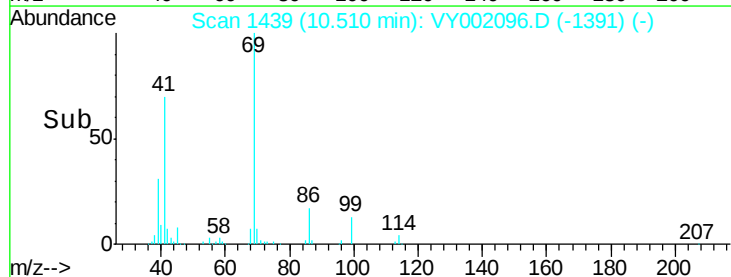
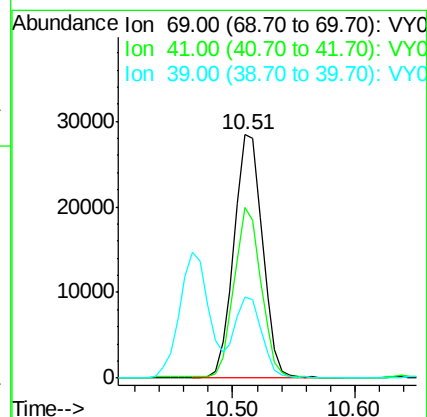
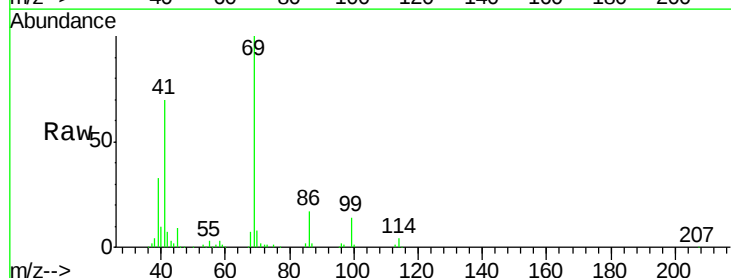
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

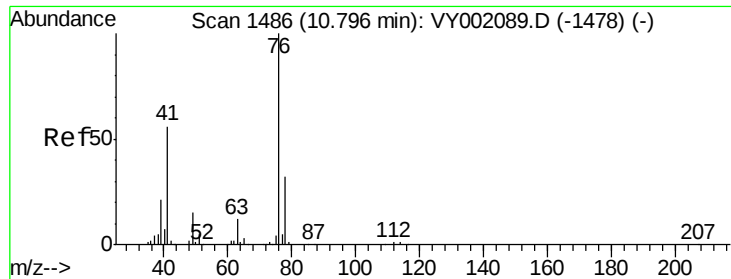
Tgt Ion:	97	Resp:	31039
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.2	102.2
85	58.1	42.9	64.3
99	62.5	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 20.371 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion:	69	Resp:	45898
Ion	Ratio	Lower	Upper
69	100		
41	66.7	52.8	79.2
39	32.4	25.0	37.6

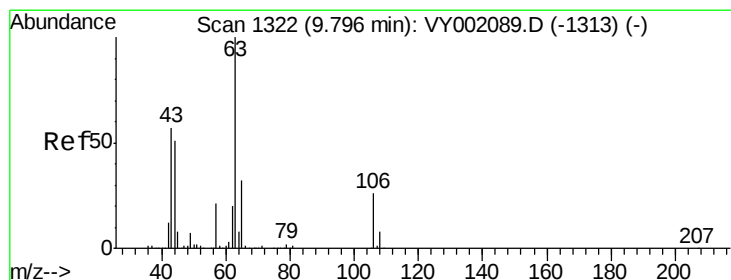
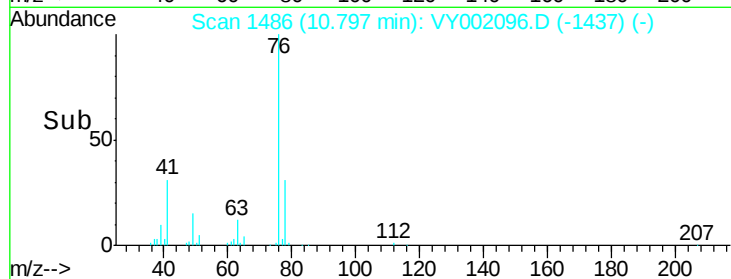
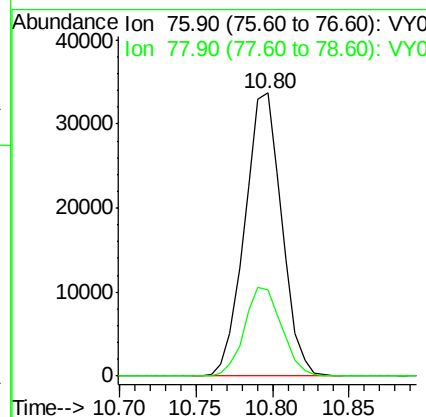
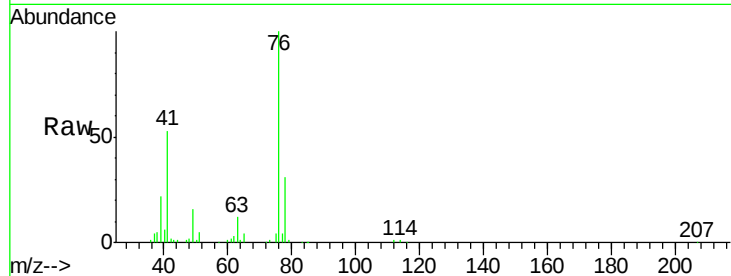




#57
 1,3-Dichloropropane
 Concen: 20.774 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

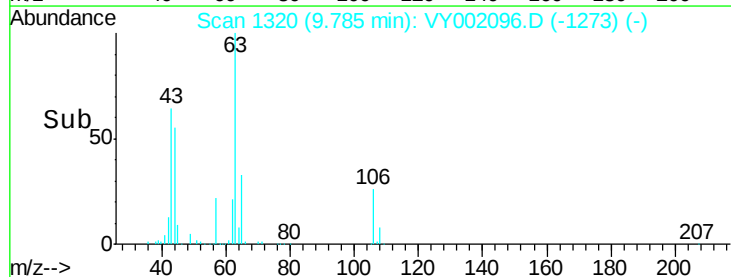
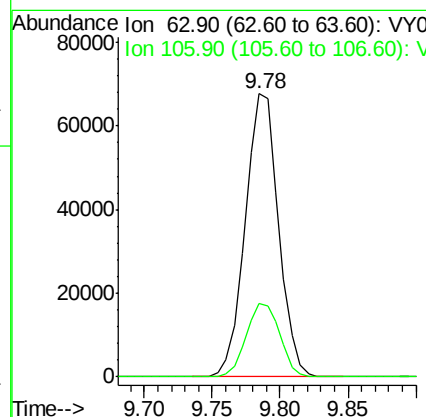
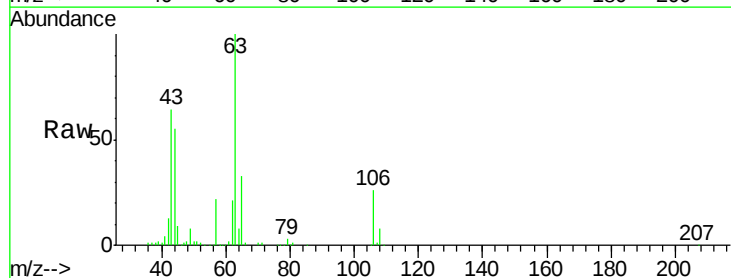
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

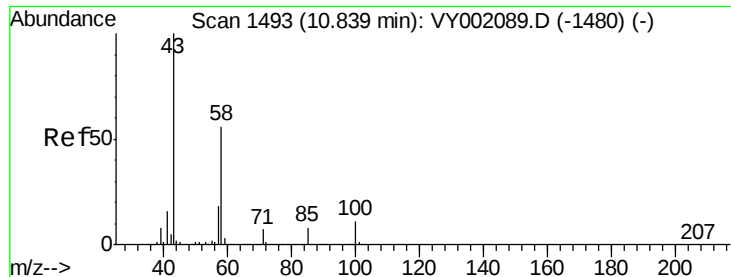
Tgt Ion: 76 Resp: 56618
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.892 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 63 Resp: 115648
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.0 31.4

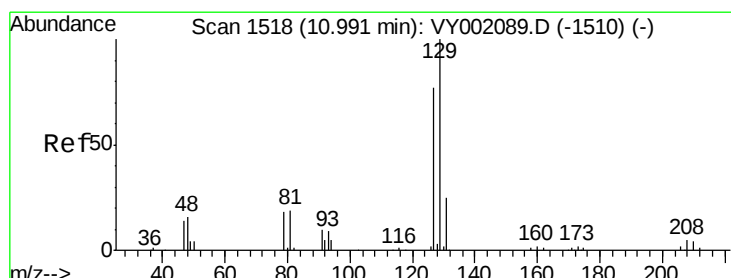
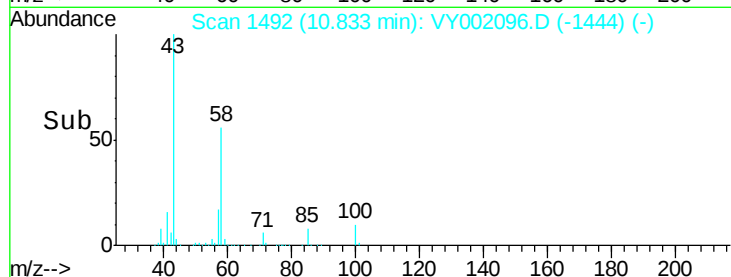
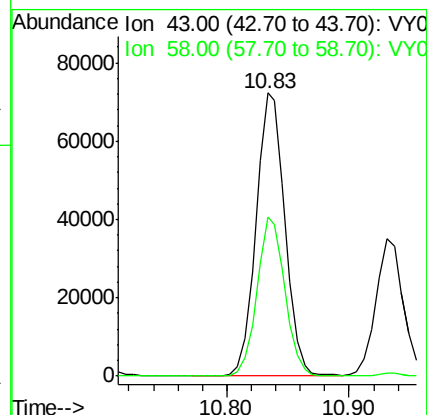
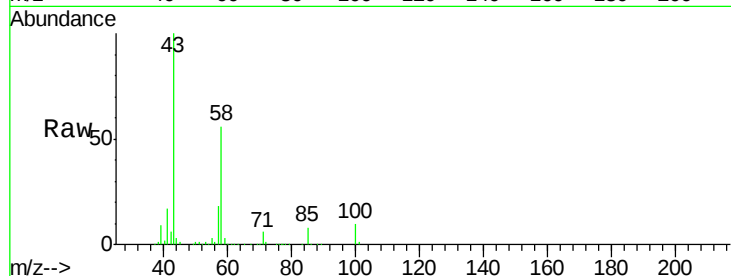




#59
2-Hexanone
Concen: 108.178 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

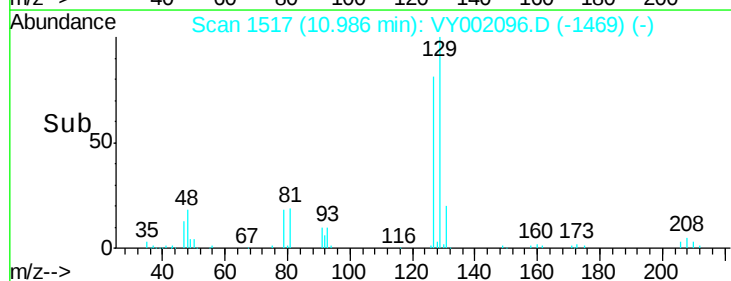
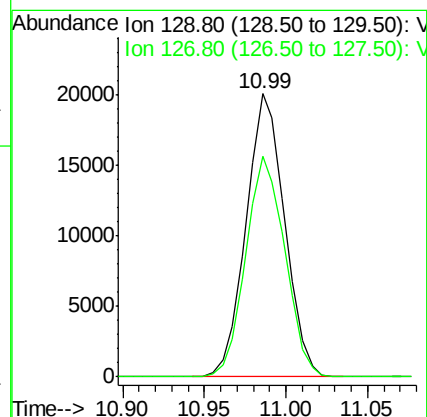
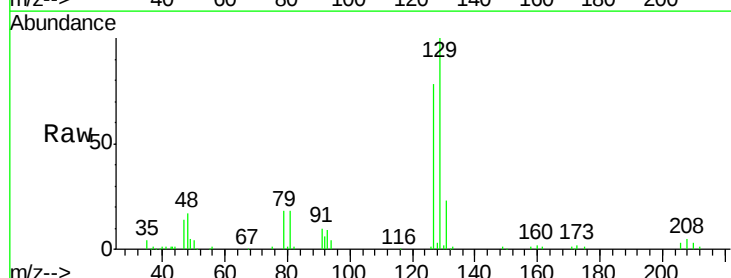
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

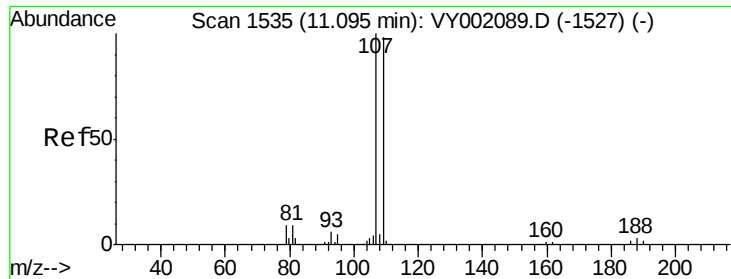
Tgt Ion: 43 Resp: 118425
Ion Ratio Lower Upper
43 100
58 54.5 27.9 83.6



#60
Dibromochloromethane
Concen: 20.445 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 129 Resp: 33002
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1

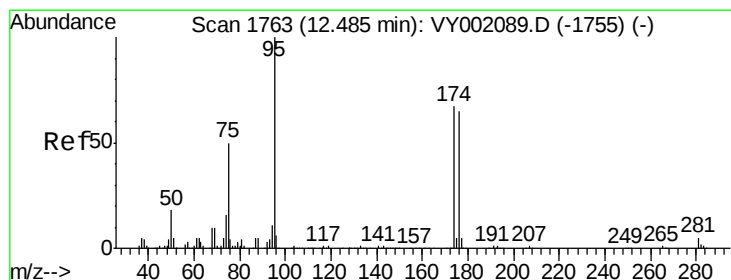
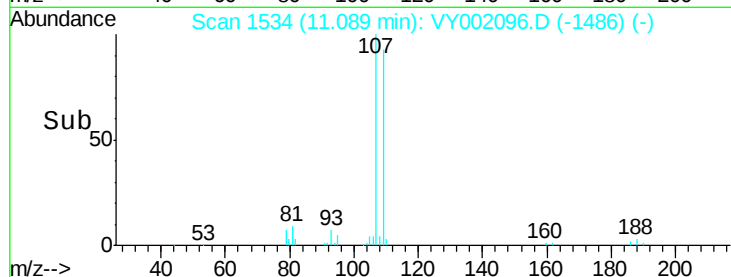
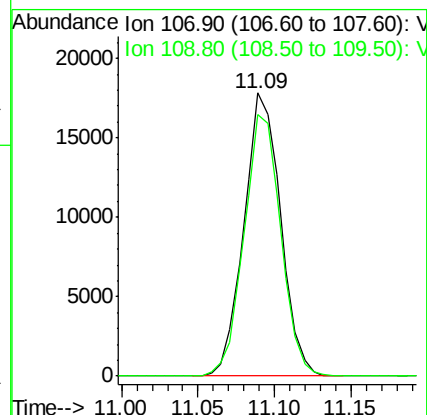
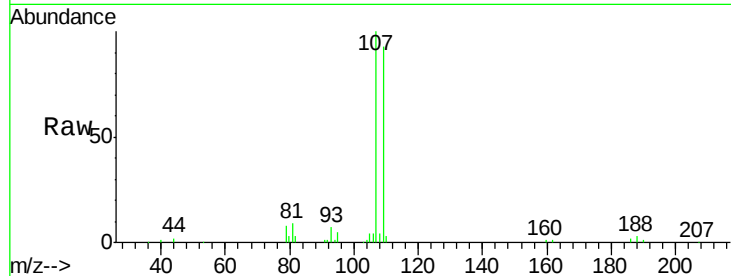




#61
 1,2-Dibromoethane
 Concen: 20.566 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

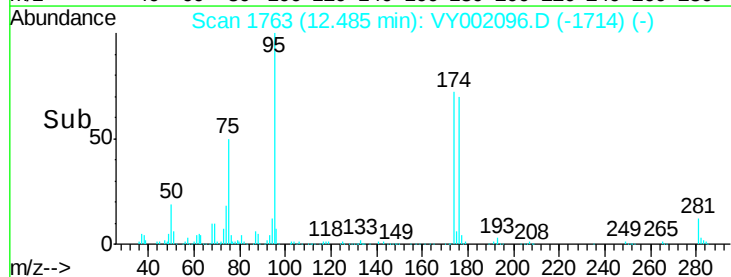
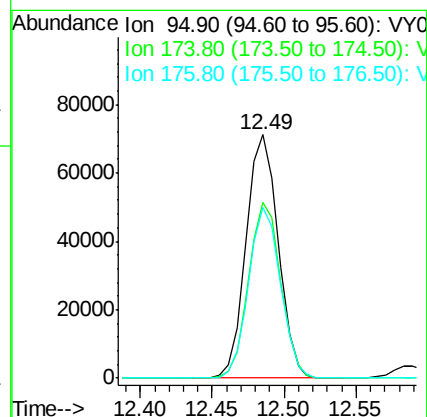
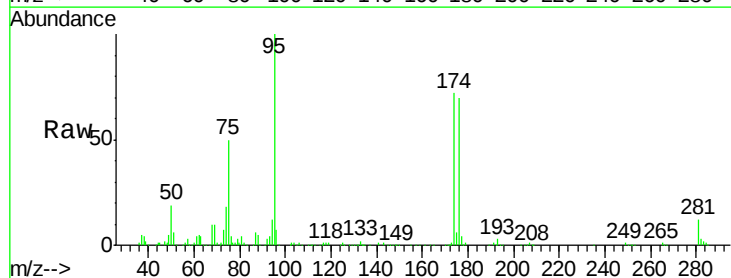
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

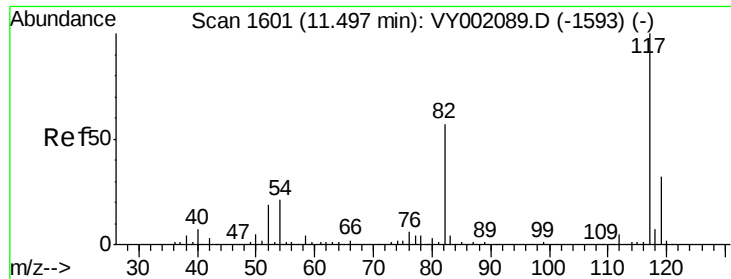
Tgt Ion: 107 Resp: 29694
 Ion Ratio Lower Upper
 107 100
 109 92.6 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 47.399 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 95 Resp: 109772
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 143.4
 176 69.4 0.0 137.0

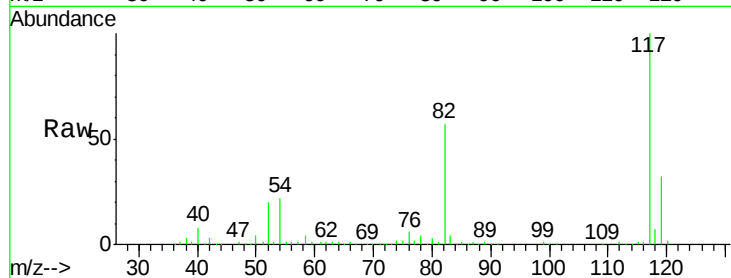




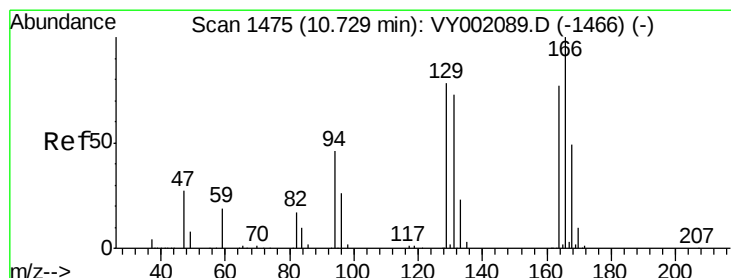
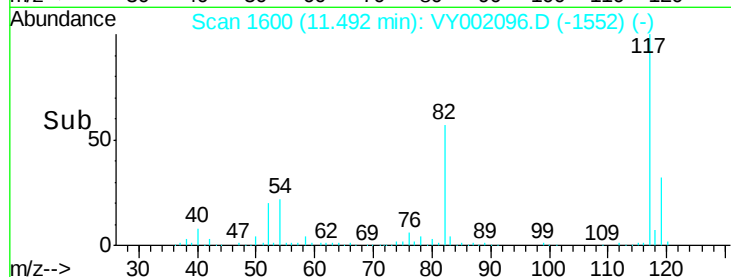
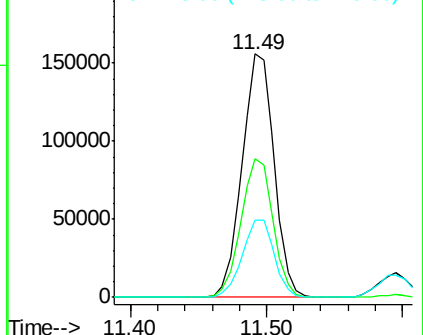
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion:117 Resp: 256388
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.7 25.3 37.9

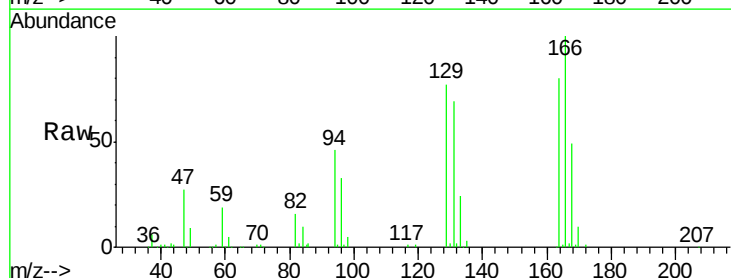


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

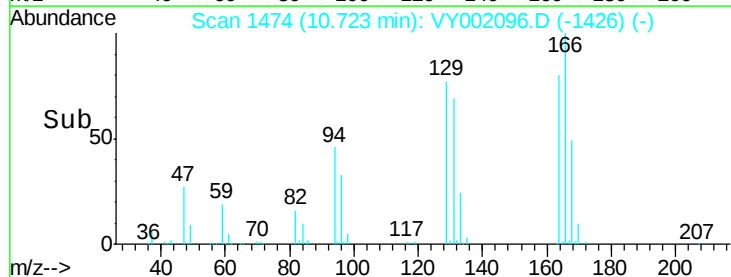
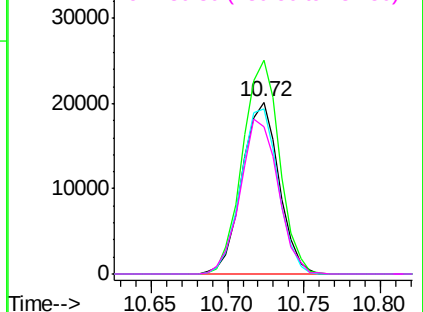


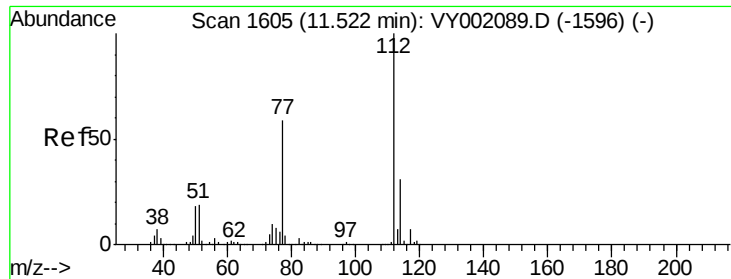
#64
Tetrachloroethene
Concen: 21.663 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion:164 Resp: 33981
Ion Ratio Lower Upper
164 100
166 124.3 104.0 156.0
129 96.2 81.2 121.8
131 85.6 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

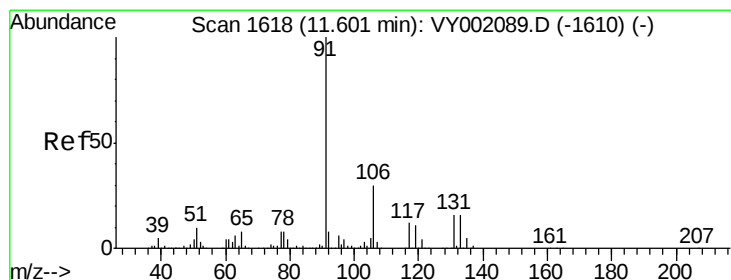
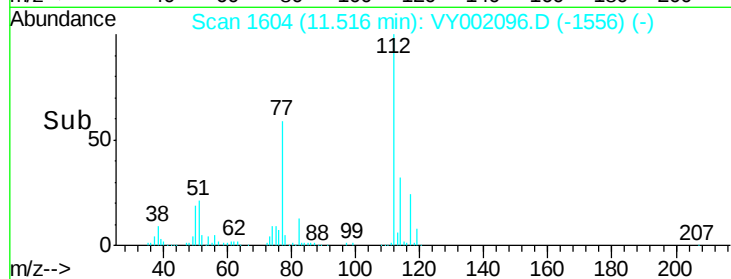
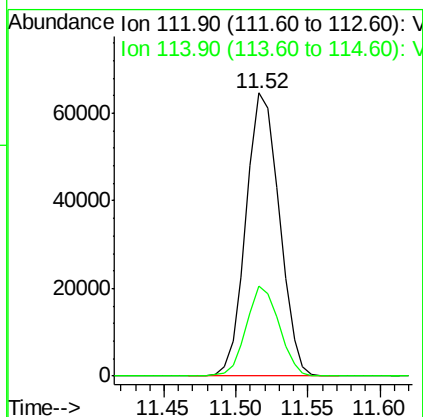
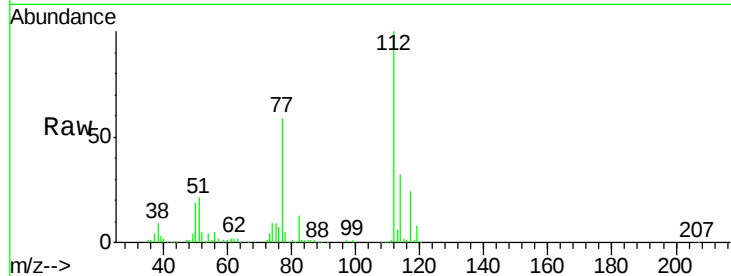




#65
Chlorobenzene
Concen: 20.953 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

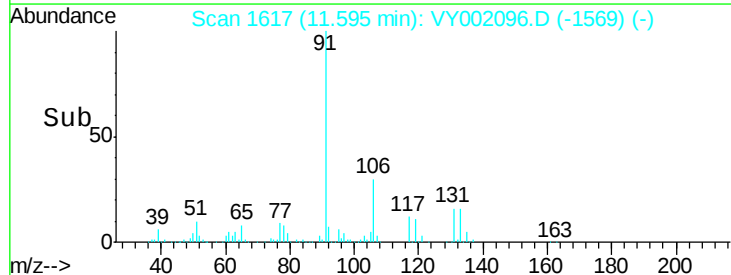
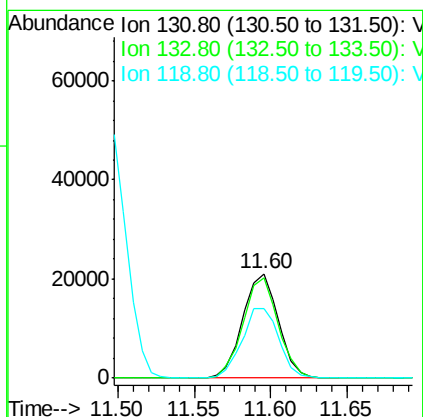
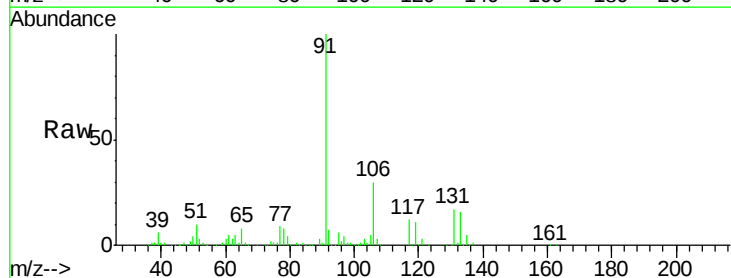
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

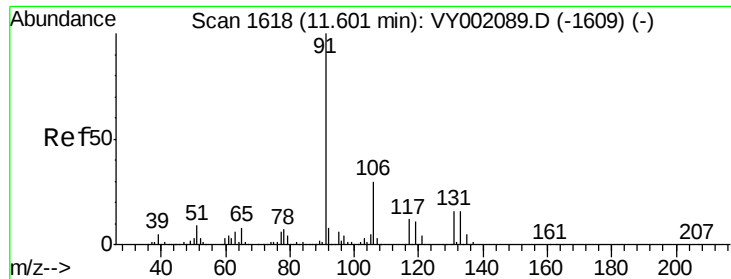
Tgt Ion:112 Resp: 103696
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.630 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion:131 Resp: 34157
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 68.9 34.6 103.9

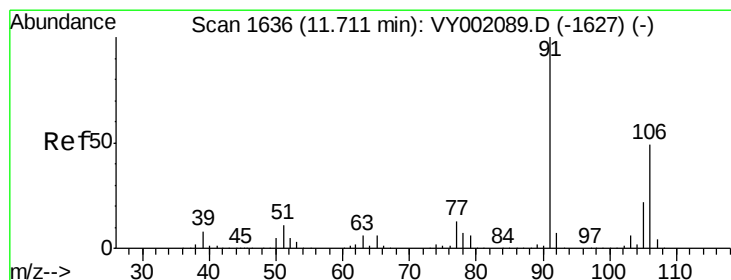
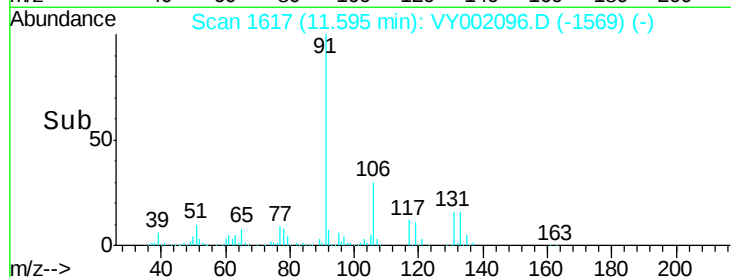
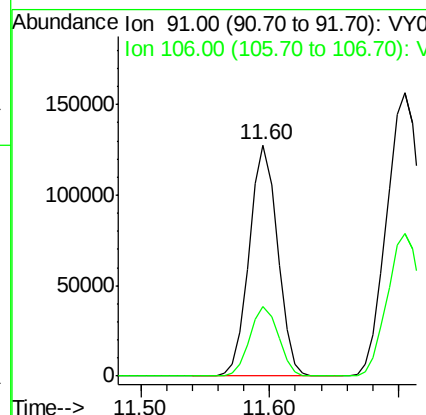
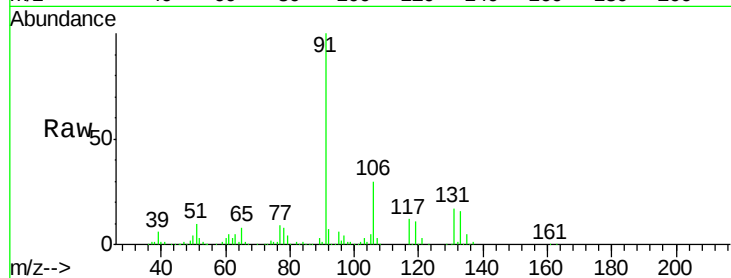




#67
Ethyl Benzene
Concen: 21.029 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

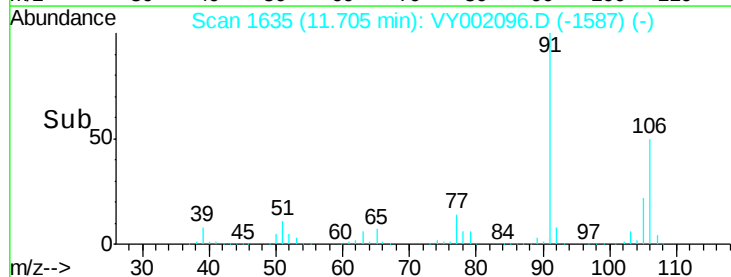
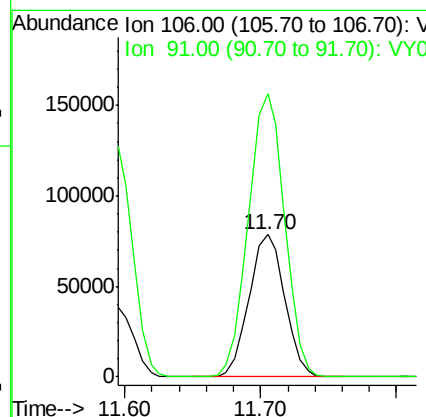
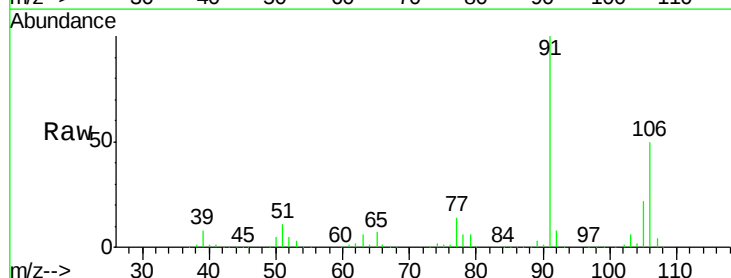
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

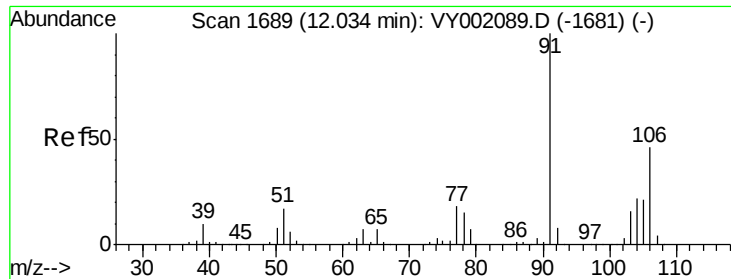
Tgt Ion: 91 Resp: 193295
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1



#68
m/p-Xylenes
Concen: 42.514 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 106 Resp: 144486
Ion Ratio Lower Upper
106 100
91 202.0 162.8 244.2

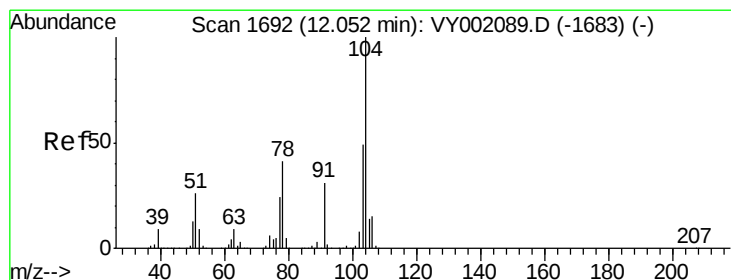
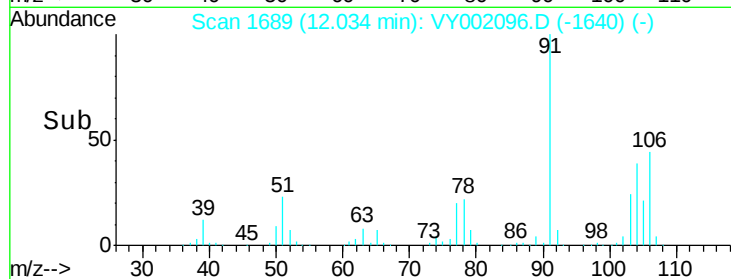
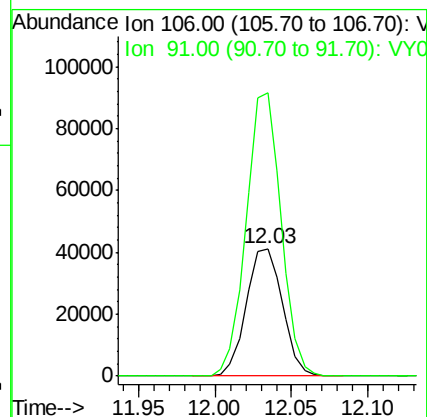
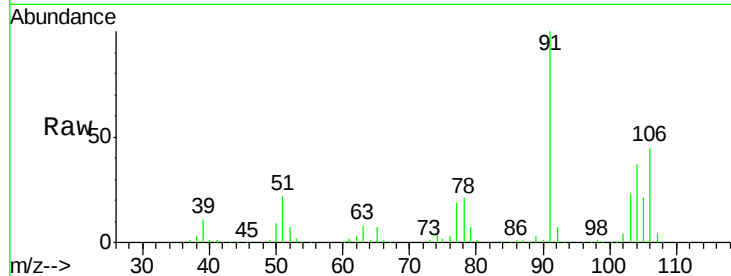




#69
o-Xylene
Concen: 20.979 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

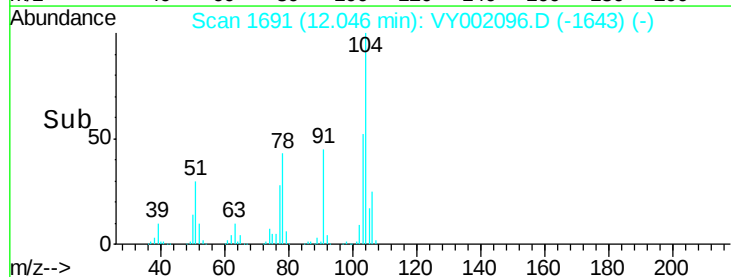
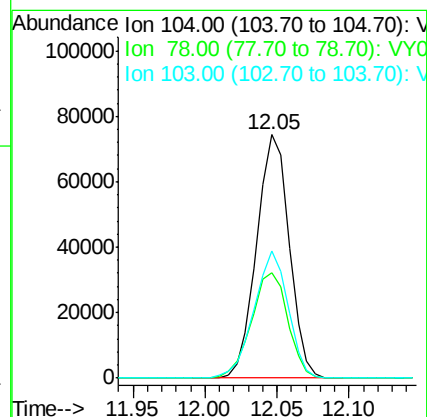
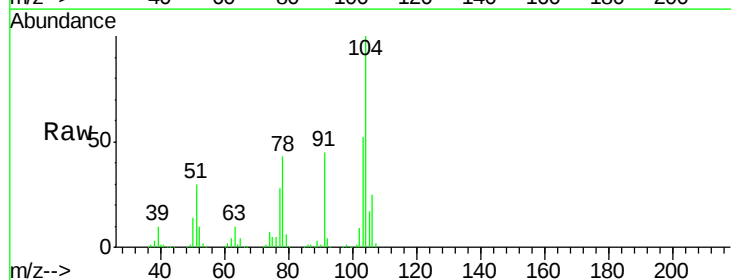
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

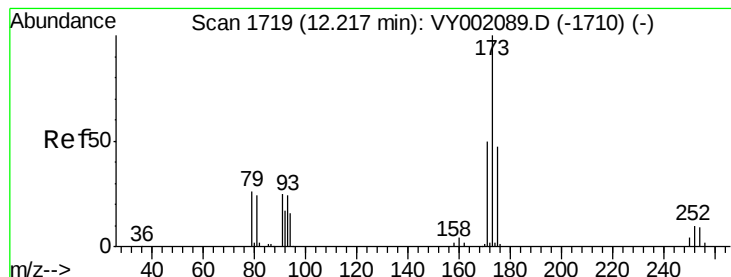
Tgt Ion:106 Resp: 67635
Ion Ratio Lower Upper
106 100
91 214.4 107.3 321.8



#70
Styrene
Concen: 20.817 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion:104 Resp: 116295
Ion Ratio Lower Upper
104 100
78 48.4 37.9 56.9
103 54.4 43.2 64.8





#71

Bromoform

Concen: 21.105 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

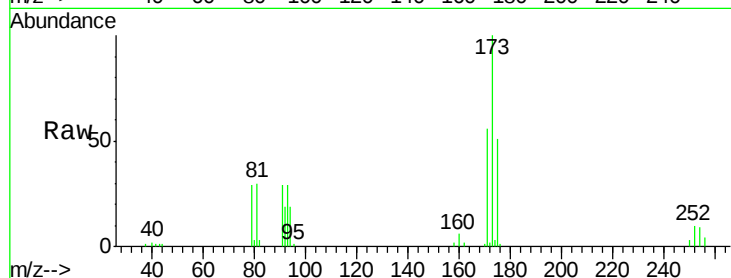
Tgt Ion:173 Resp: 19139

Ion Ratio Lower Upper

173 100

175 46.9 23.9 71.8

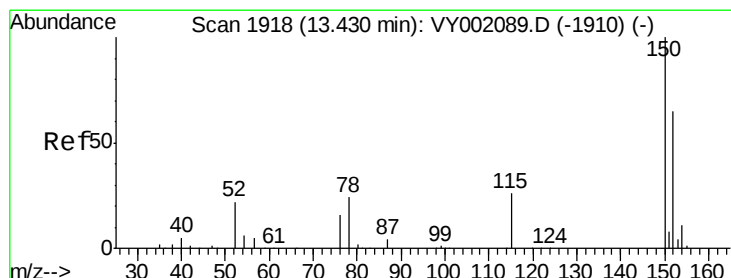
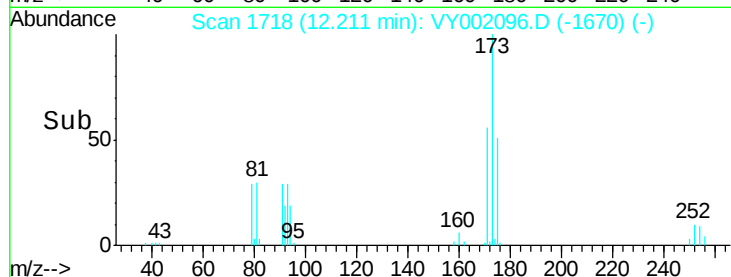
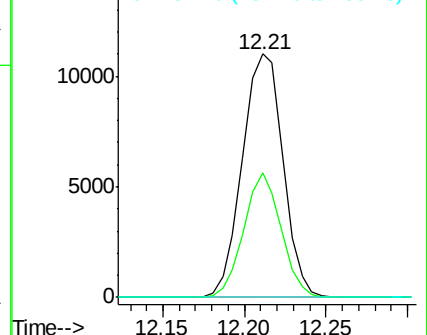
254 0.0 0.0 0.0



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: VY002096.D

Acq: 27 Mar 2020 11:49

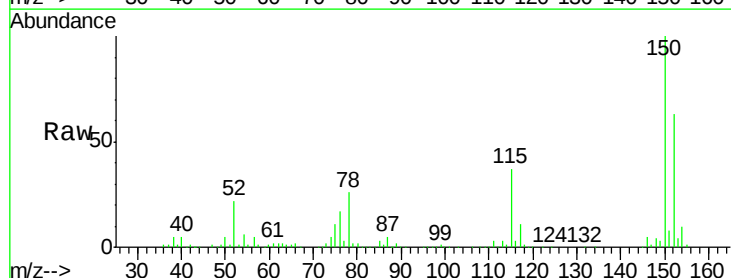
Tgt Ion:152 Resp: 120399

Ion Ratio Lower Upper

152 100

115 61.2 31.2 93.6

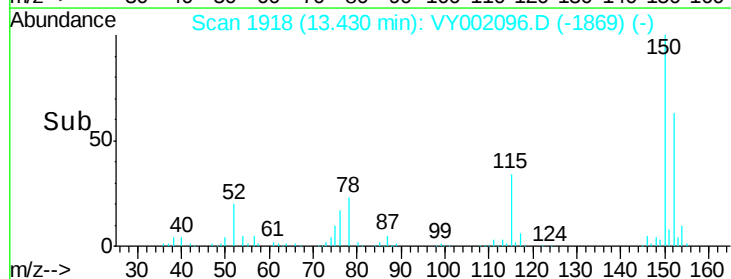
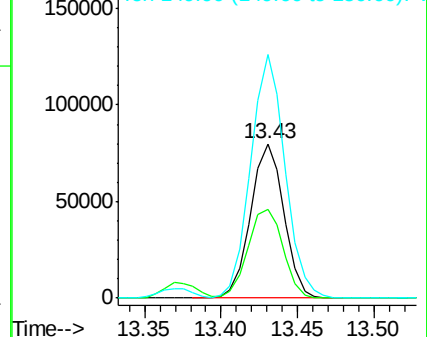
150 163.7 0.0 354.8

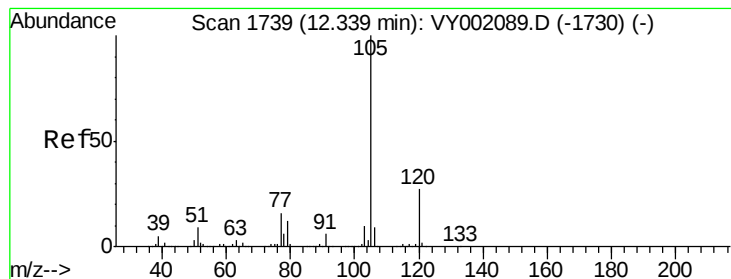


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.295 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

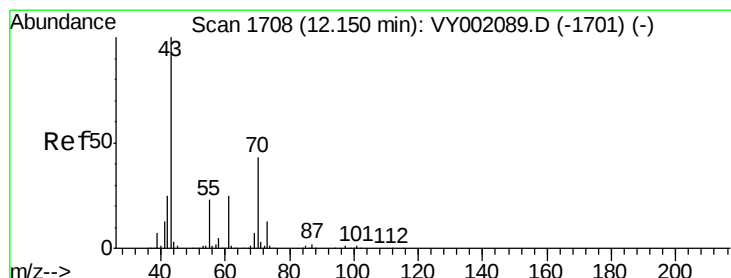
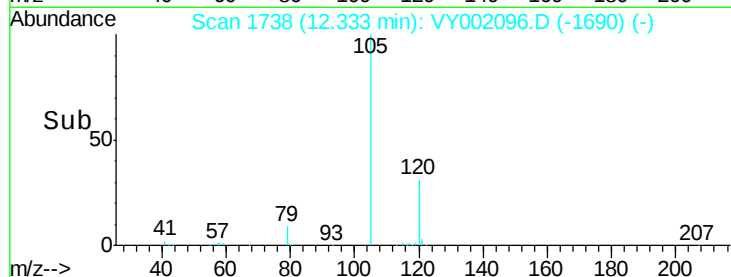
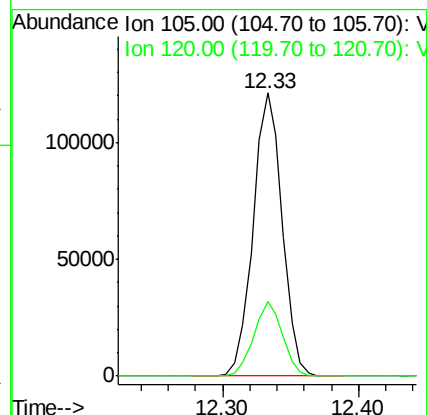
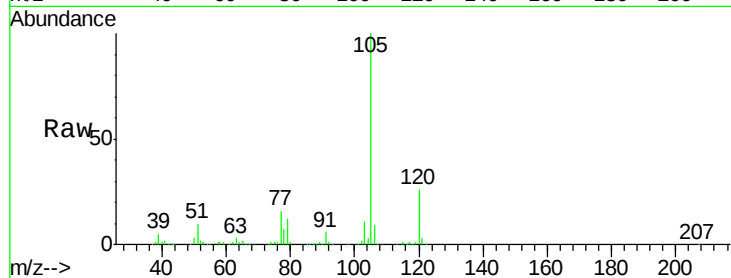
VY0327SBS01

Tgt Ion:105 Resp: 181264

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 20.565 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tgt Ion: 43 Resp: 57928

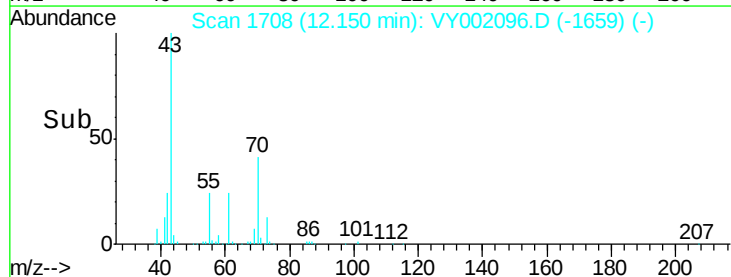
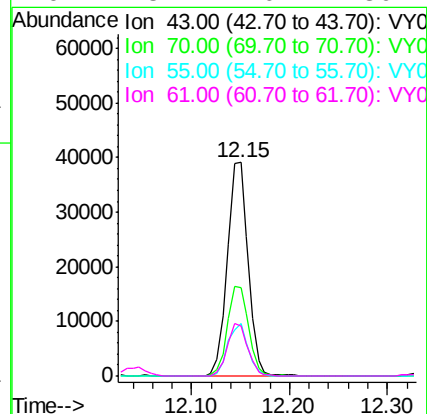
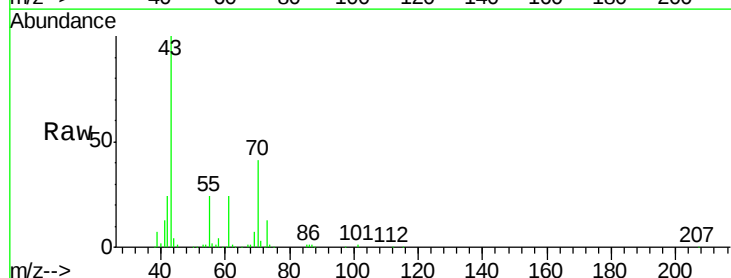
Ion Ratio Lower Upper

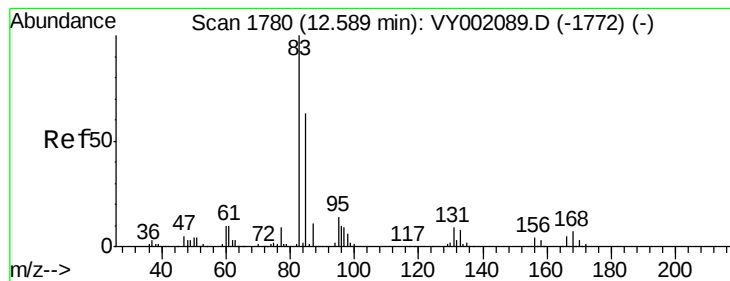
43 100

70 42.7 35.0 52.4

55 23.7 18.7 28.1

61 23.7 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.967 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

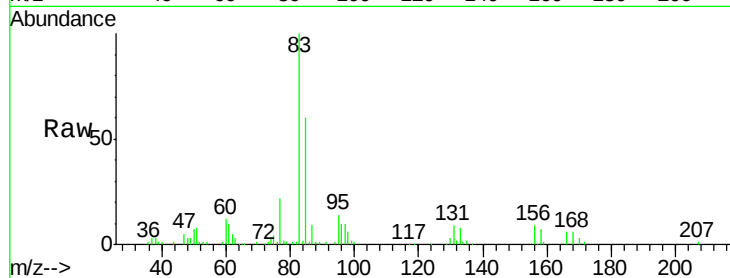
Tgt Ion: 83 Resp: 40297

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

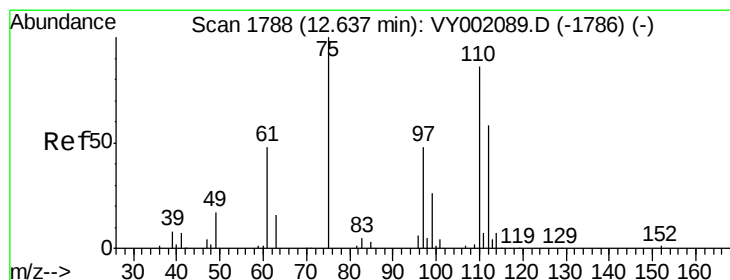
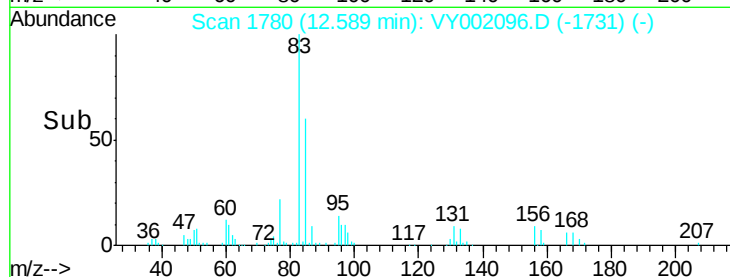
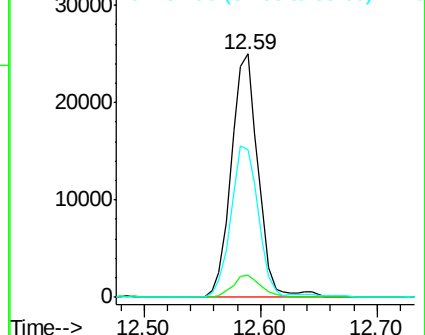
85 63.1 32.4 97.0



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: 38.147 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002096.D

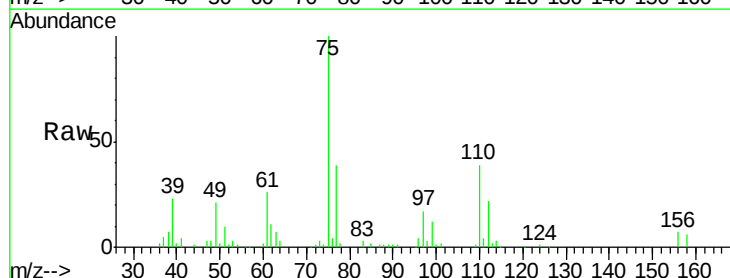
Acq: 27 Mar 2020 11:49

Tgt Ion: 75 Resp: 51376

Ion Ratio Lower Upper

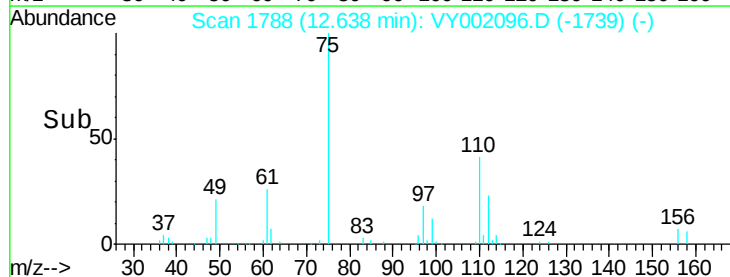
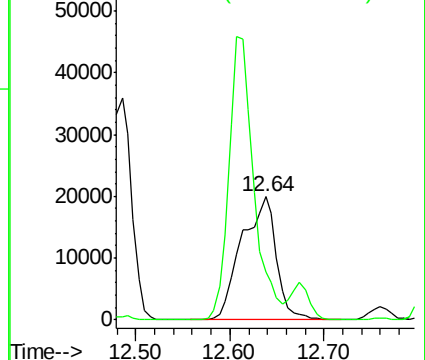
75 100

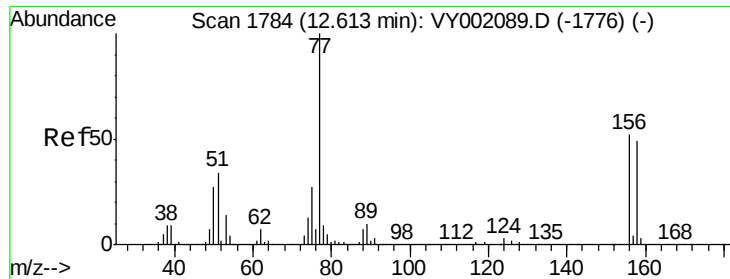
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

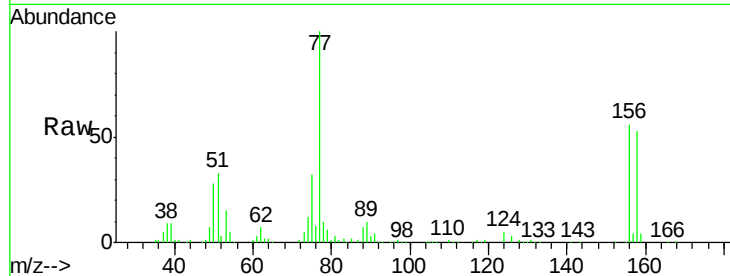




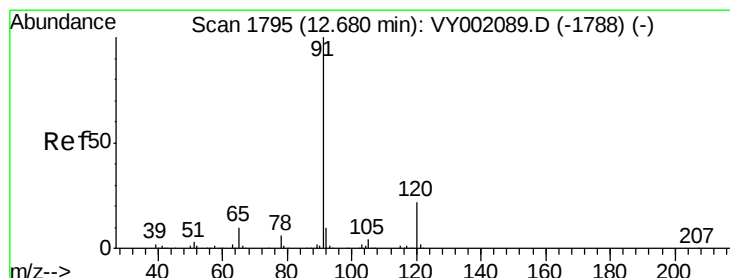
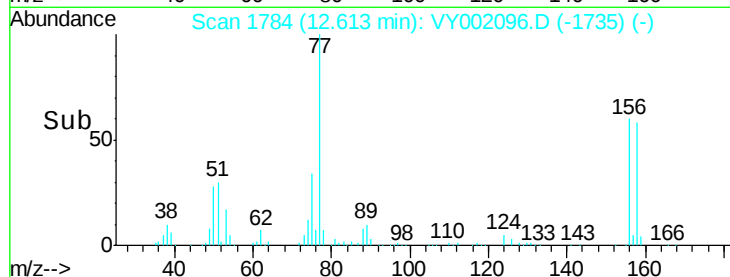
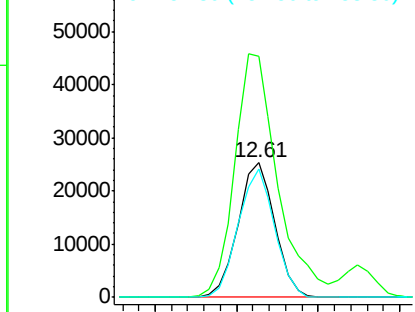
#77
Bromobenzene
Concen: 20.827 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion:156 Resp: 39708
Ion Ratio Lower Upper
156 100
77 211.1 107.8 323.6
158 94.2 47.5 142.6

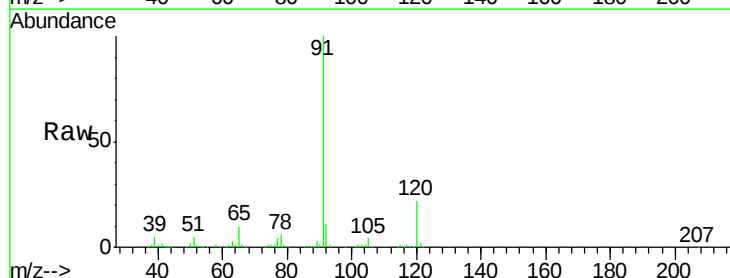


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

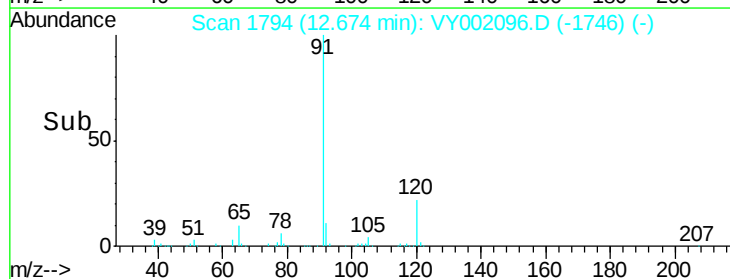
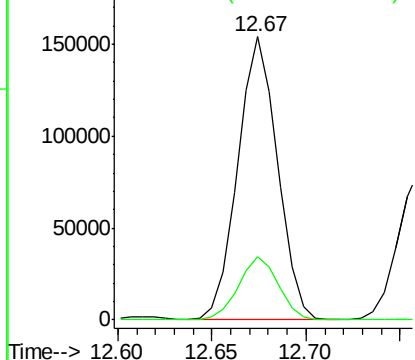


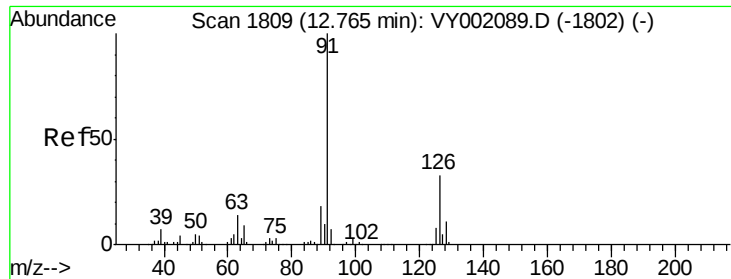
#78
n-propylbenzene
Concen: 20.281 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 91 Resp: 224788
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

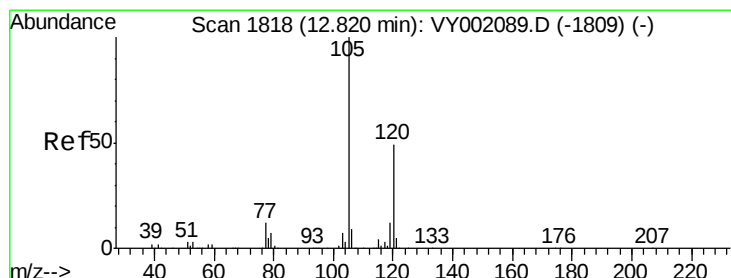
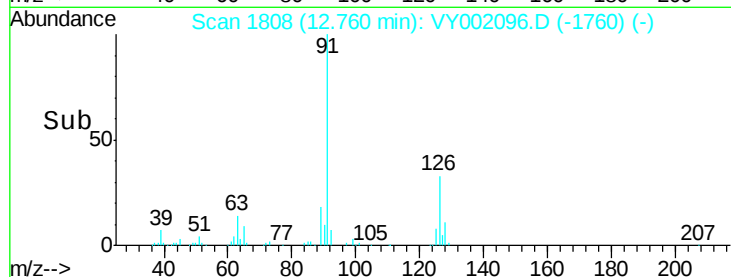
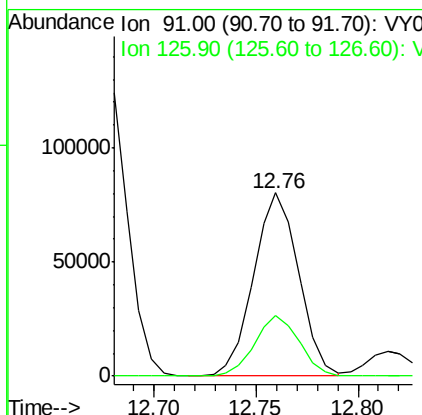
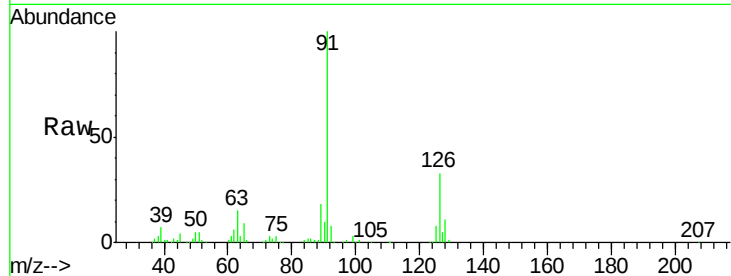




#79
 2-Chlorotoluene
 Concen: 20.201 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

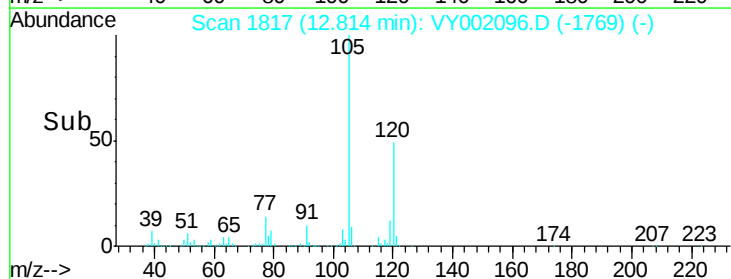
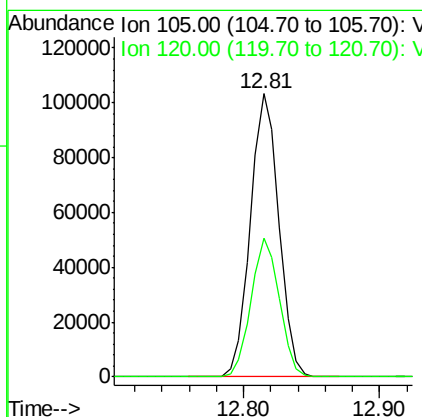
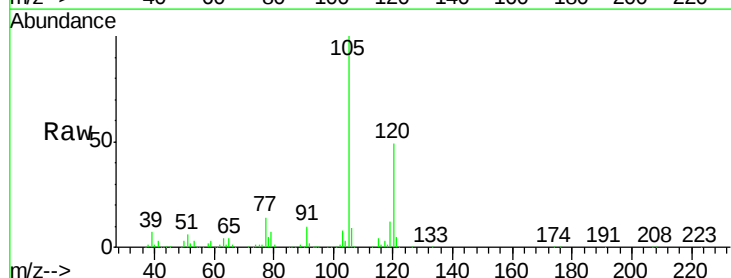
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

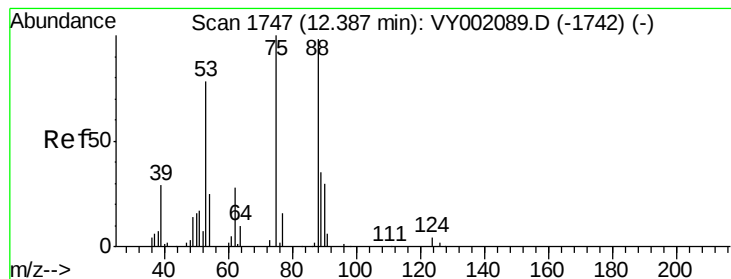
Tgt Ion: 91 Resp: 122935
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.667 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 105 Resp: 152289
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.283 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

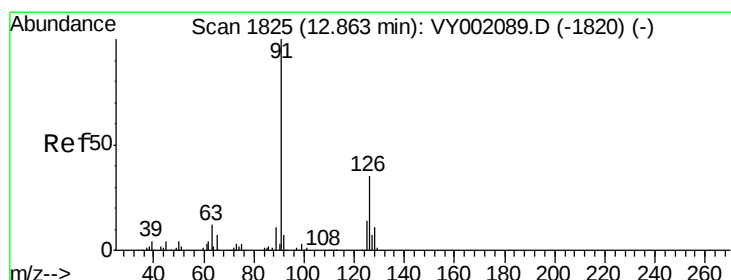
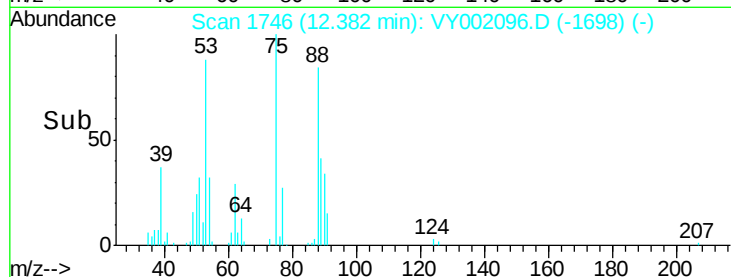
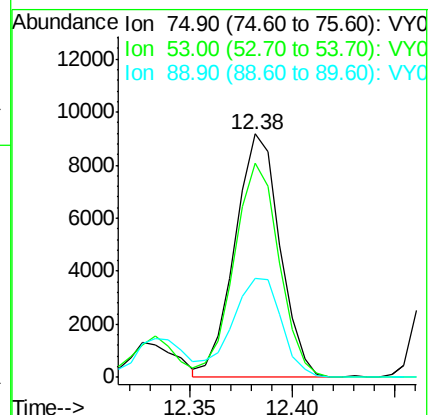
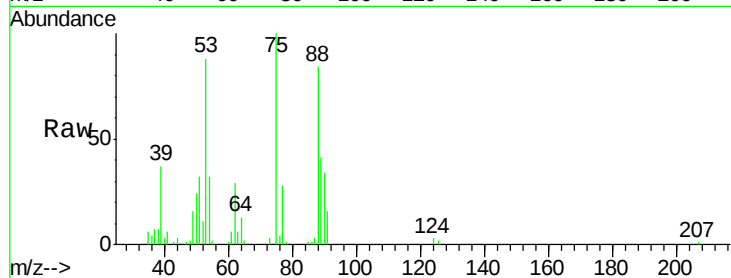
Tgt Ion: 75 Resp: 14100

Ion Ratio Lower Upper

75 100

53 87.9 65.0 97.4

89 45.3 33.4 50.0



#82

4-Chlorotoluene

Concen: 20.529 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002096.D

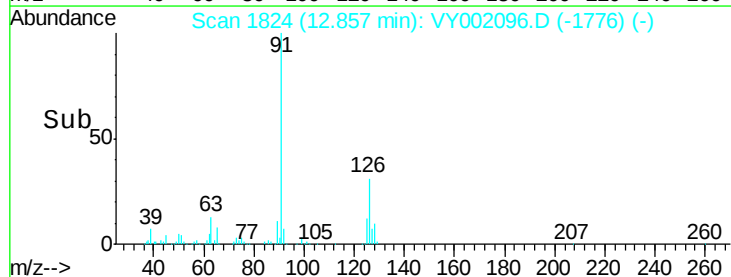
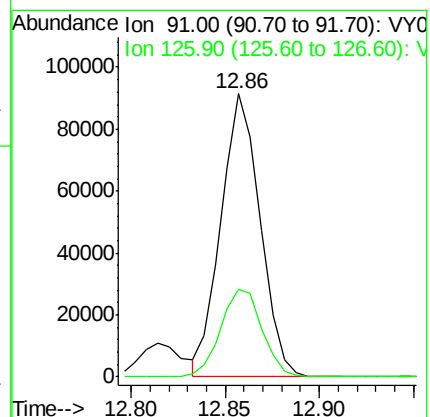
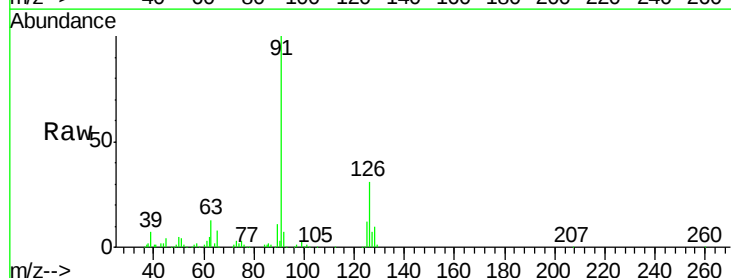
Acq: 27 Mar 2020 11:49

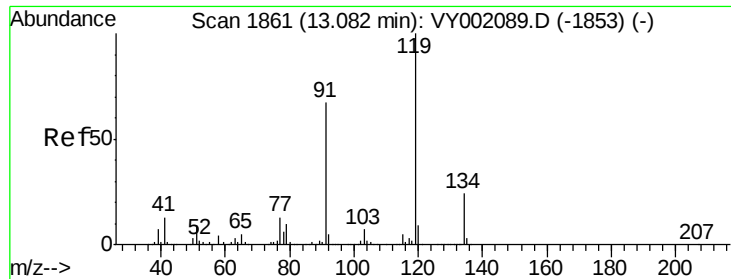
Tgt Ion: 91 Resp: 131643

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9

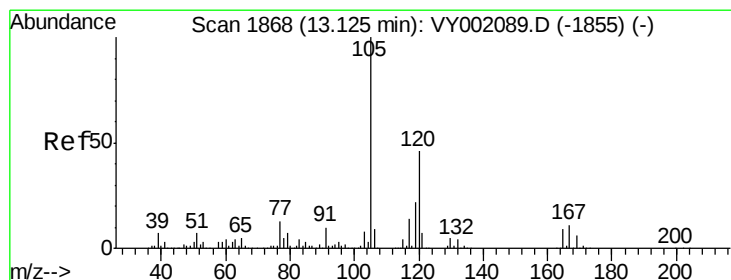
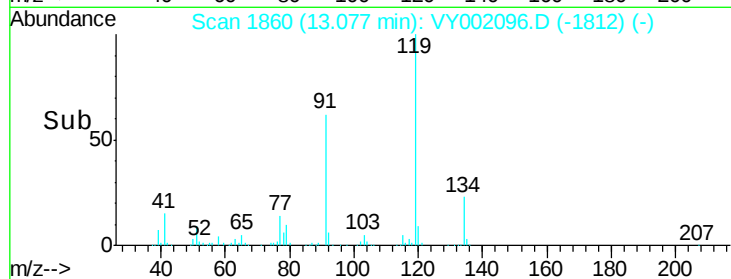
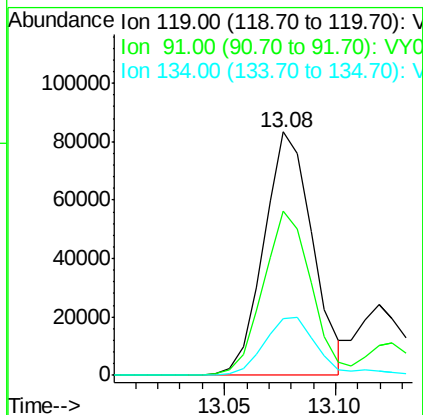
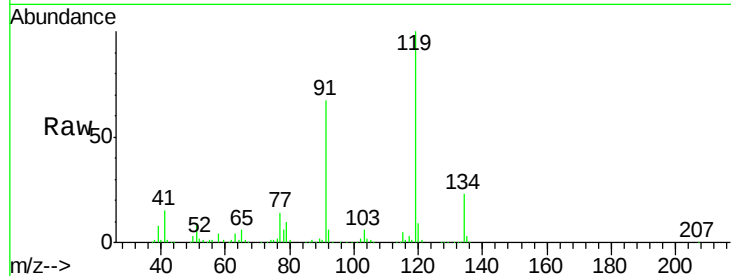




#83
 tert-Butylbenzene
 Concen: 20.519 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

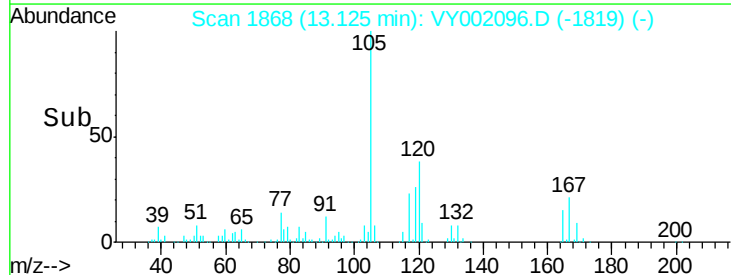
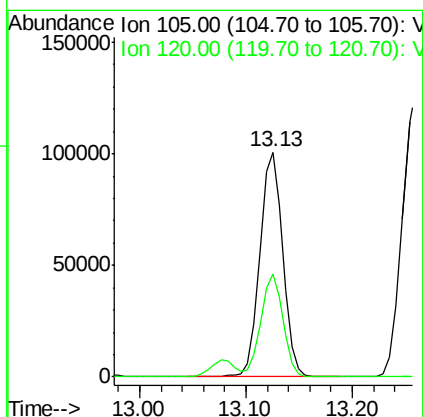
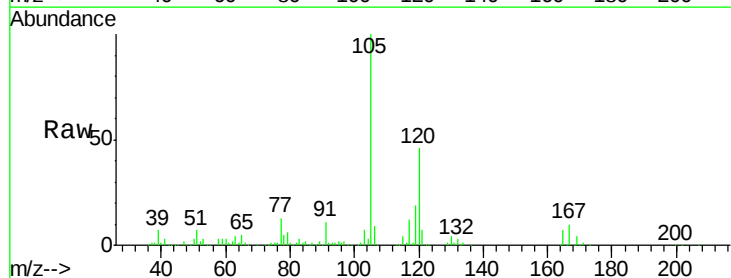
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

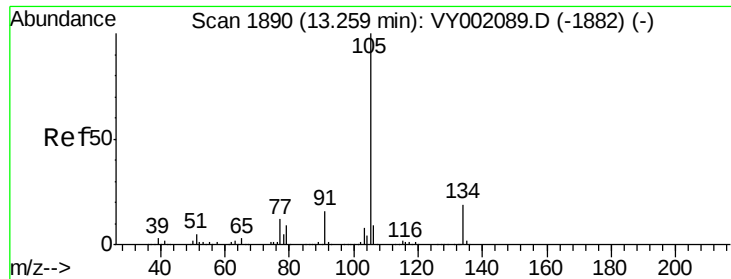
Tgt Ion:119 Resp: 126207
 Ion Ratio Lower Upper
 119 100
 91 67.2 32.9 98.6
 134 26.6 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.751 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion:105 Resp: 152560
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.9 68.5

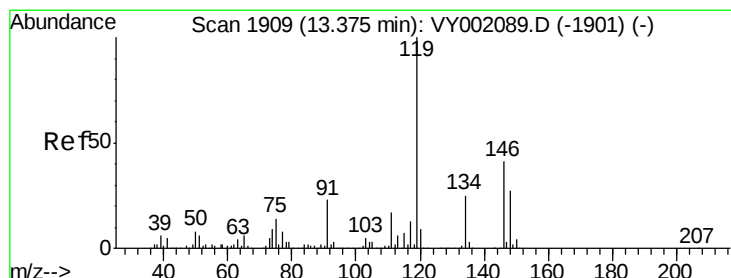
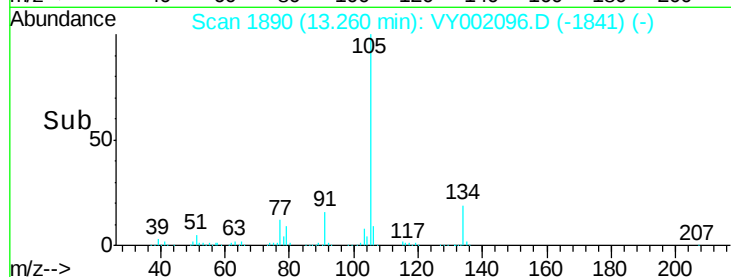
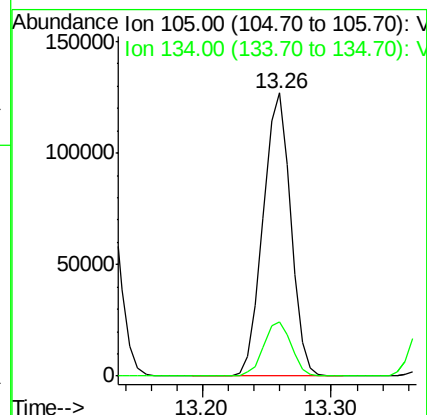
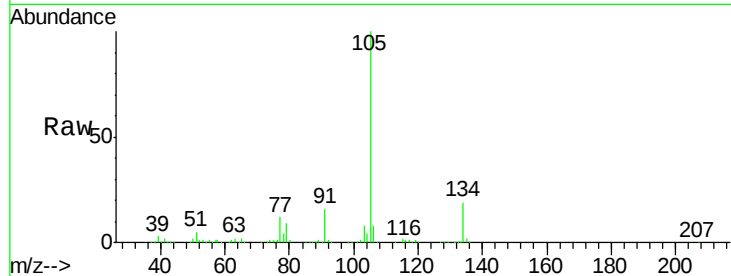




#85
 sec-Butylbenzene
 Concen: 20.707 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

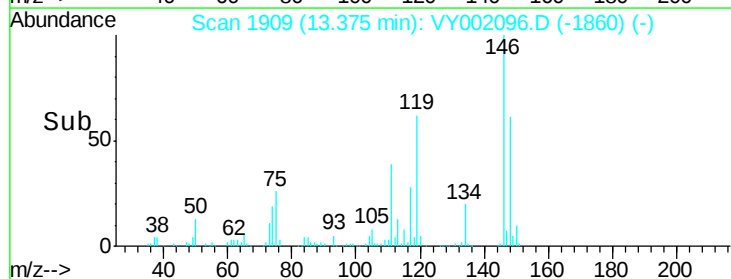
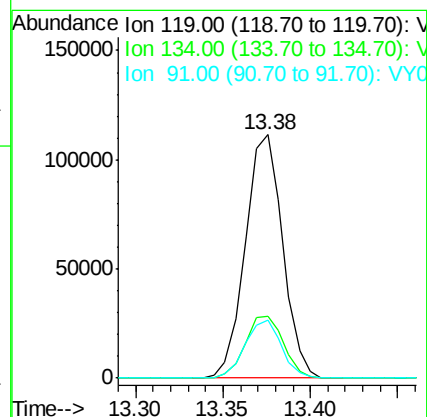
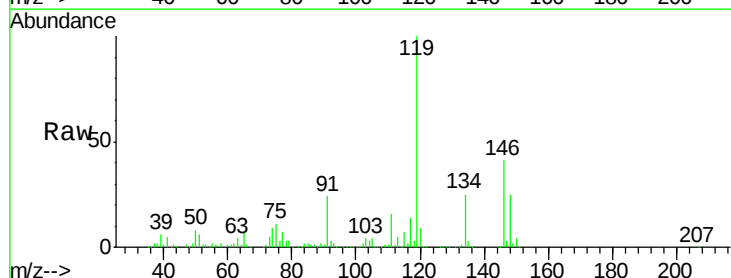
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

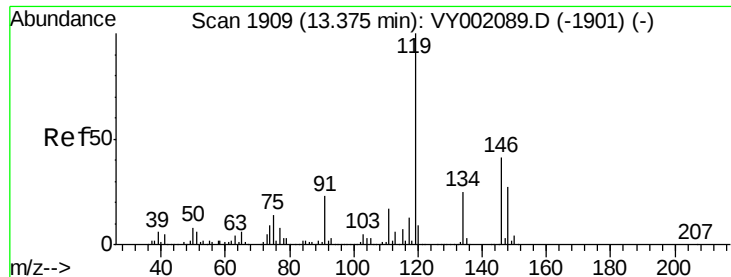
Tgt Ion:105 Resp: 188641
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.106 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion:119 Resp: 165122
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.3 11.8 35.3

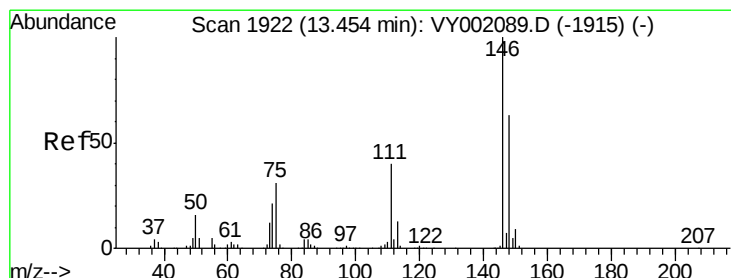
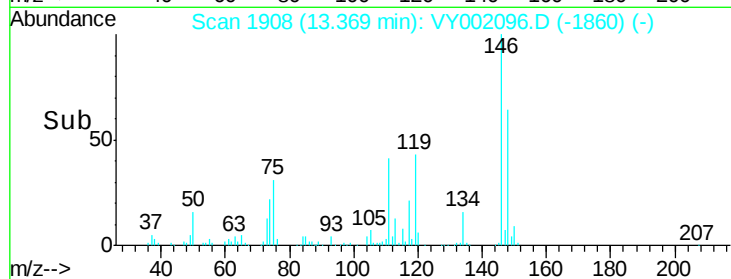
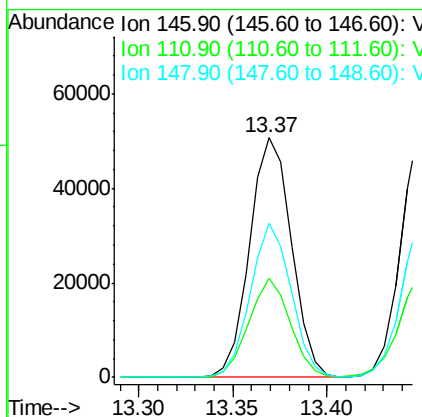
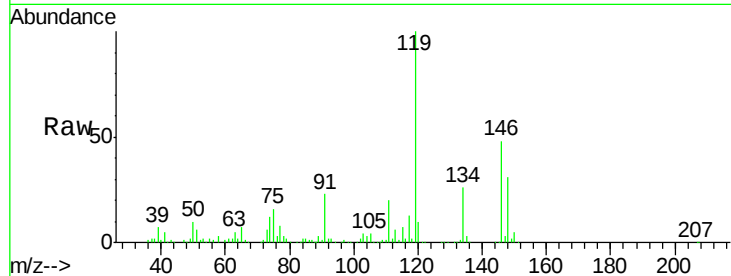




#87
 1,3-Dichlorobenzene
 Concen: 20.918 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

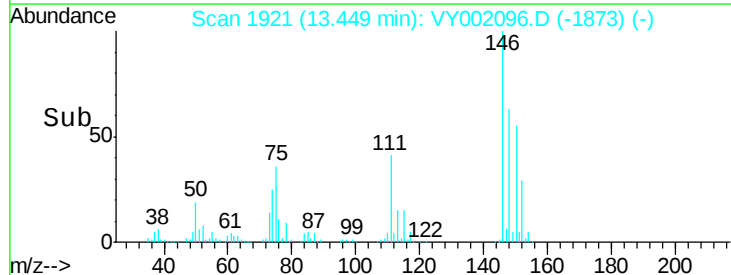
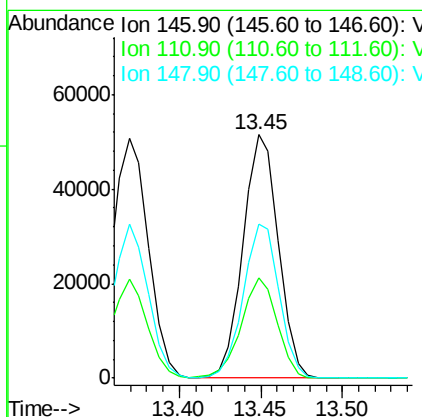
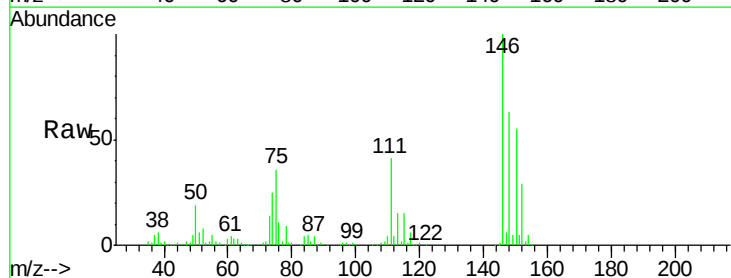
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

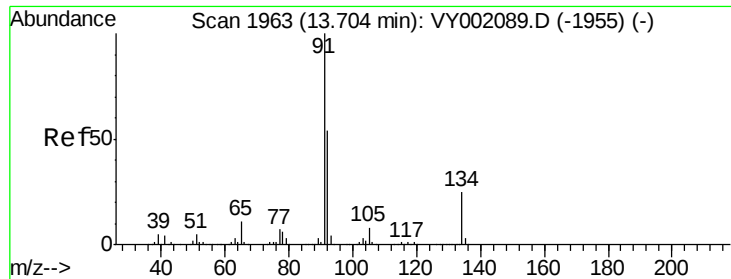
Tgt Ion:146 Resp: 78020
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.9 62.8
 148 62.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.706 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion:146 Resp: 77714
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.3 60.9
 148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 20.855 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

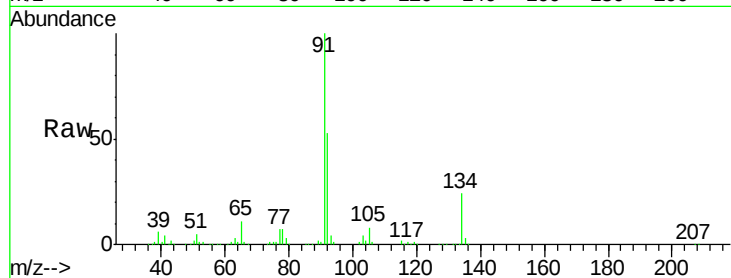
Tgt Ion: 91 Resp: 169999

Ion Ratio Lower Upper

91 100

92 53.9 27.0 81.0

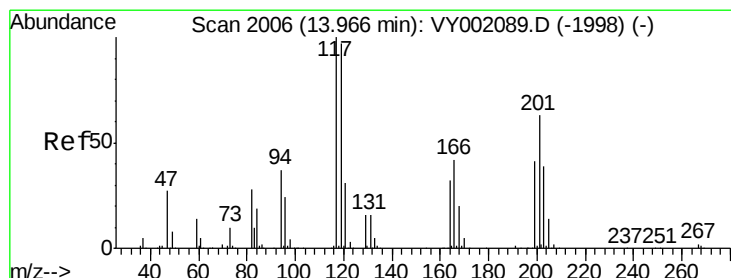
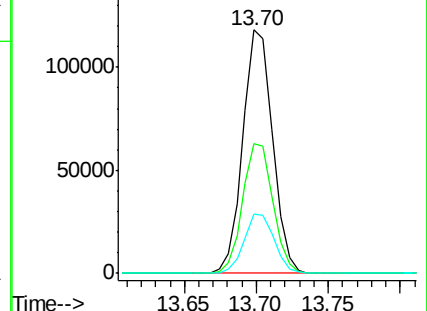
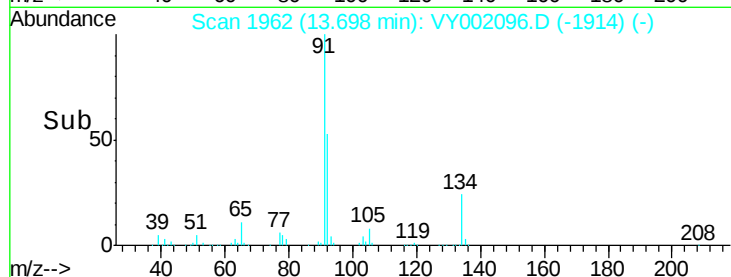
134 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002089.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002089.D (-1955) (-)



#90

Hexachloroethane

Concen: 20.698 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002096.D

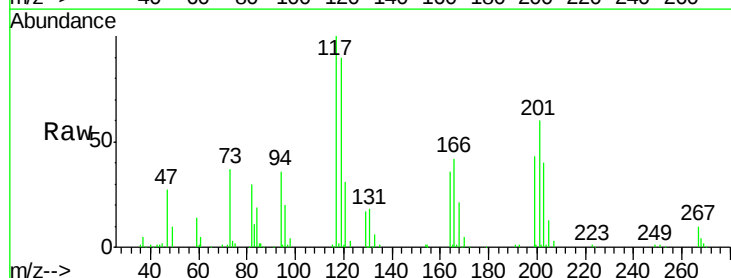
Acq: 27 Mar 2020 11:49

Tgt Ion: 117 Resp: 30512

Ion Ratio Lower Upper

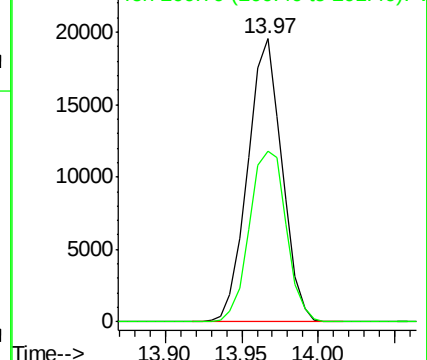
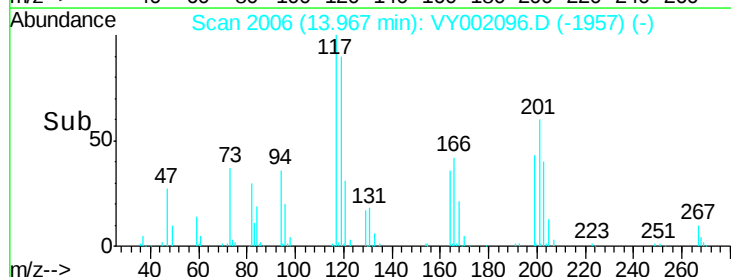
117 100

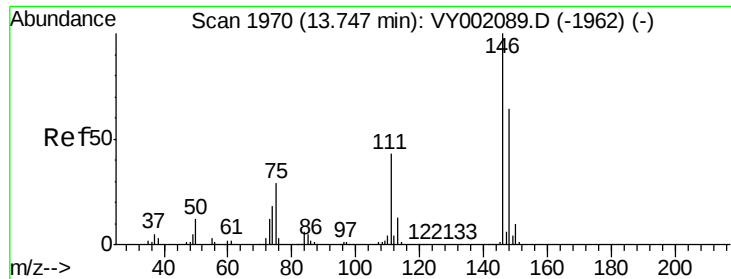
201 64.7 31.6 94.8



Abundance Ion 116.80 (116.50 to 117.50): VY002089.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002089.D (-1998) (-)





#91

1,2-Dichlorobenzene

Concen: 20.890 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

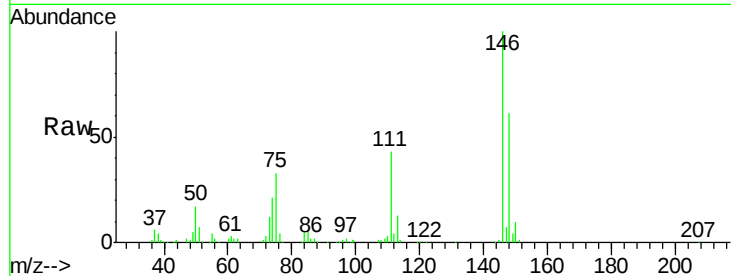
Tgt Ion:146 Resp: 71954

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.7

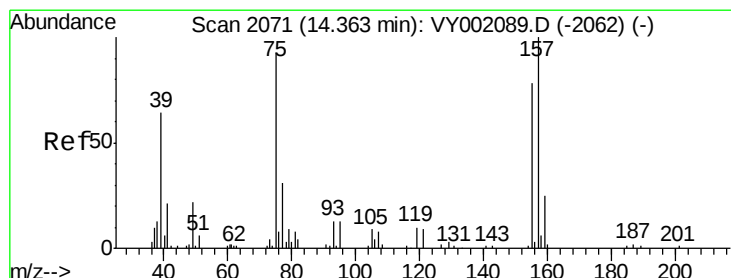
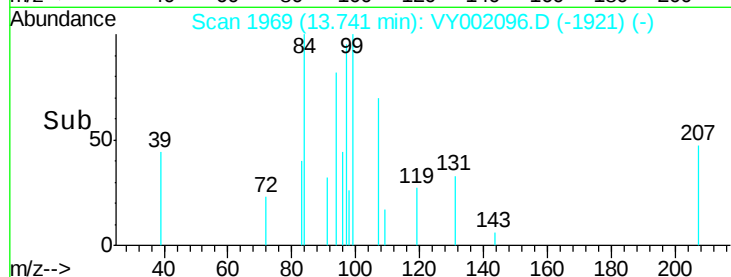
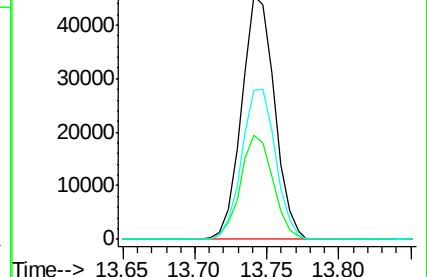
148 63.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.152 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

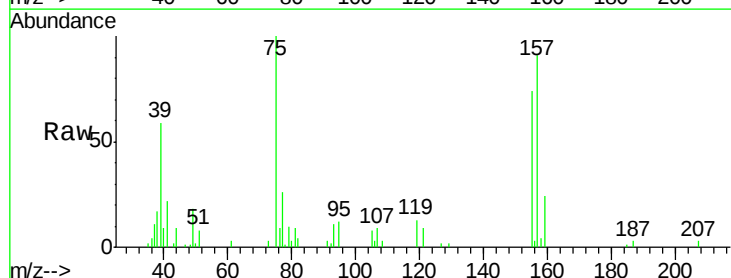
Tgt Ion: 75 Resp: 6204

Ion Ratio Lower Upper

75 100

155 81.5 41.6 124.9

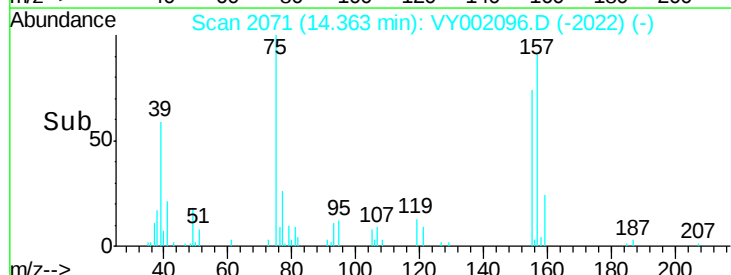
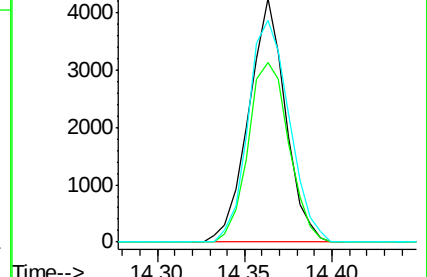
157 101.9 53.4 160.3

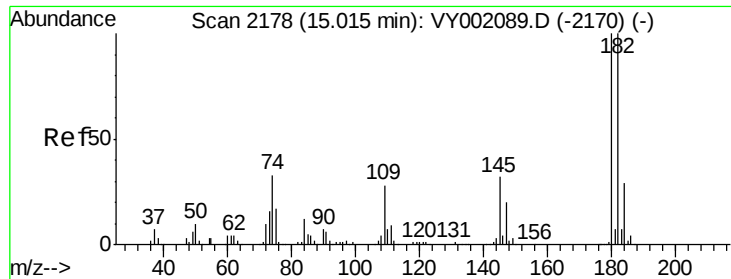


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

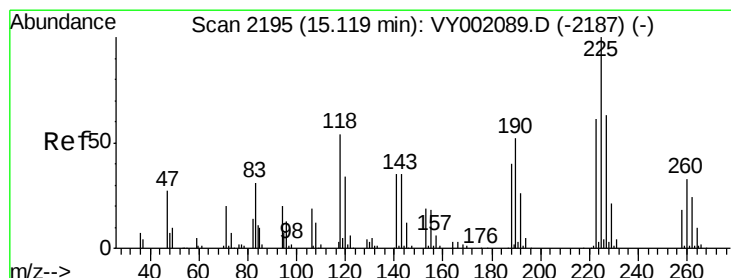
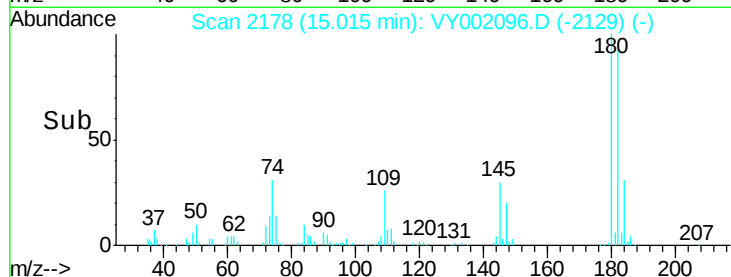
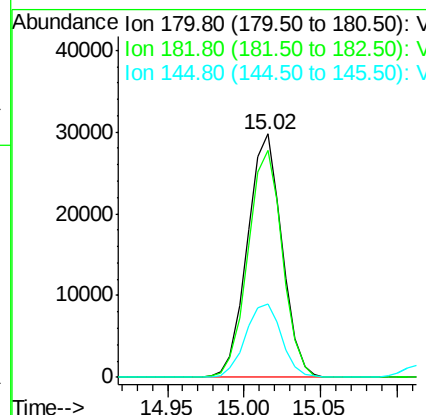
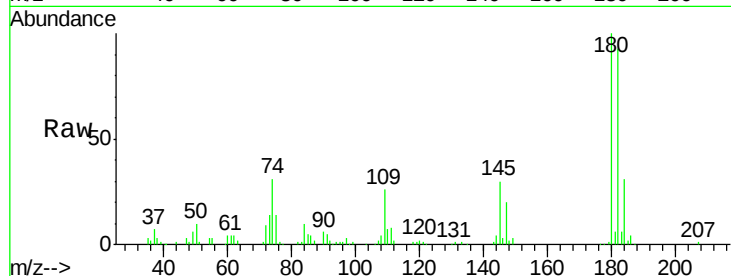




#93
 1,2,4-Trichlorobenzene
 Concen: 20.988 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

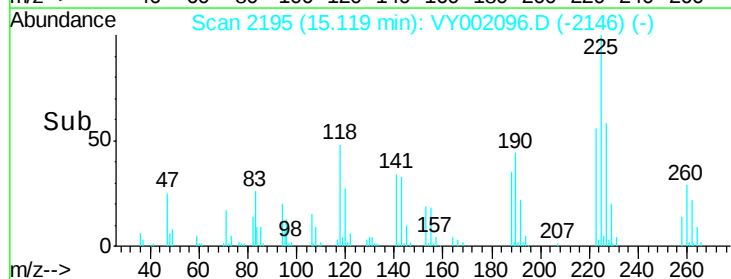
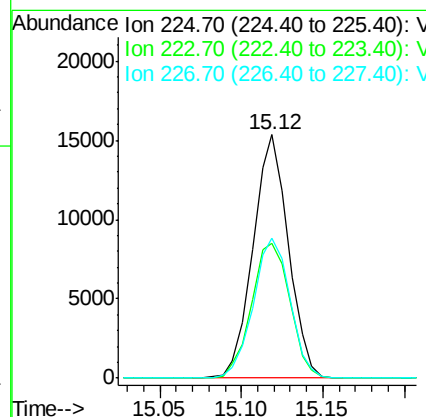
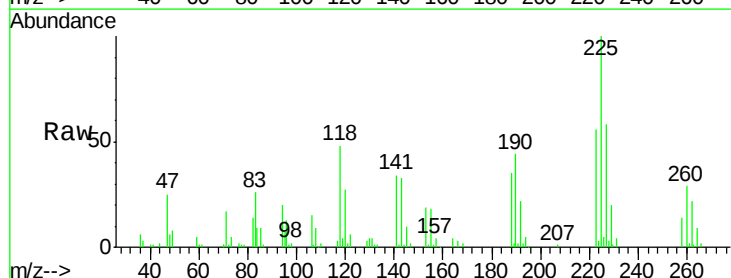
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

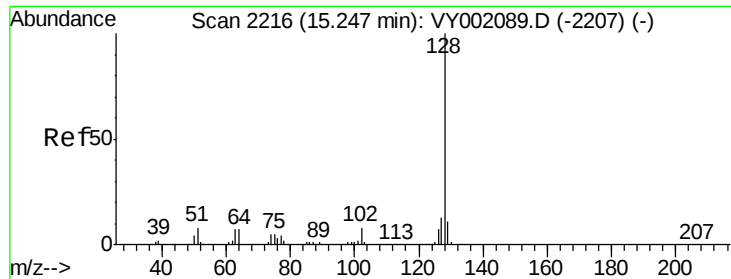
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.1	144.3
145	31.5	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 21.121 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.1	93.3
227	60.0	31.6	94.7

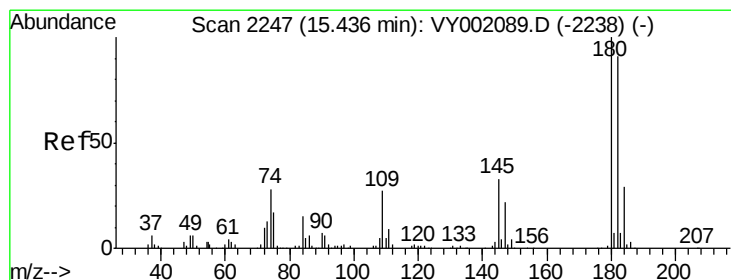
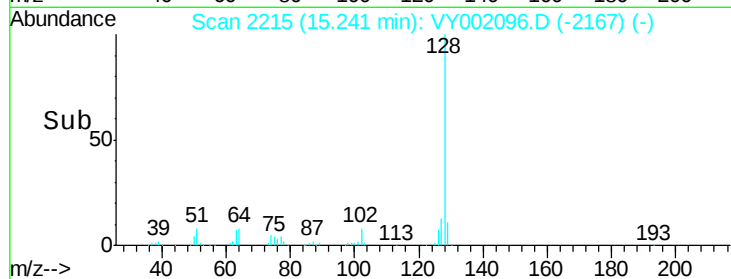
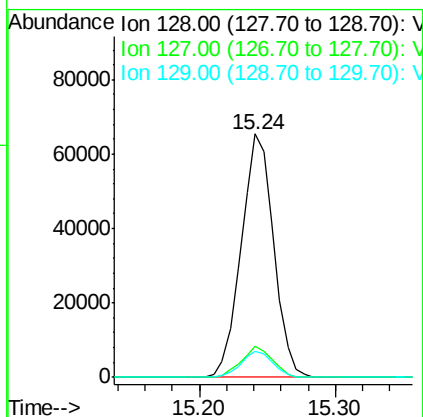
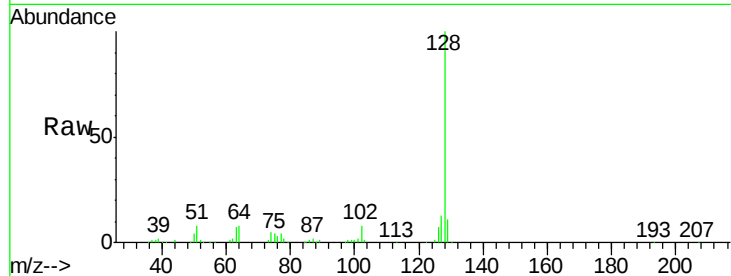




#95
Naphthalene
Concen: 20.614 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion:128 Resp: 108696
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.491 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion:180 Resp: 41252
Ion Ratio Lower Upper
180 100
182 95.9 46.8 140.3
145 33.8 16.7 50.1

