

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022420\
 Data File : VY001764.D
 Acq On : 24 Feb 2020 11:49
 Operator : SY/MD
 Sample : VY0224SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Quant Time: Feb 24 13:35:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	197131	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	354039	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	316935	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	150542	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	102031	48.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	7.73	113	92497	45.61	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	10.18	98	383179	48.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.48	95	137437	44.53	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	34084	17.74	ug/l	99
3) Chloromethane	2.12	50	49718	19.24	ug/l	98
4) Vinyl Chloride	2.26	62	48533	18.62	ug/l	96
5) Bromomethane	2.65	94	31153	19.12	ug/l	99
6) Chloroethane	2.80	64	30792	19.17	ug/l	98
7) Trichlorofluoromethane	3.13	101	65552	19.65	ug/l	100
8) Diethyl Ether	3.54	74	27013	20.54	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43624	20.80	ug/l	97
10) Methyl Iodide	4.10	142	47688	18.58	ug/l	100
11) Tert butyl alcohol	4.97	59	30953	112.03	ug/l	97
12) 1,1-Dichloroethene	3.88	96	42528	19.88	ug/l	94
13) Acrolein	3.74	56	20902	97.60	ug/l	97
14) Allyl chloride	4.49	41	78527	20.63	ug/l	99
15) Acrylonitrile	5.18	53	73935	109.66	ug/l	100
16) Acetone	3.96	43	65965	89.91	ug/l	97
17) Carbon Disulfide	4.21	76	134854	18.88	ug/l	100
18) Methyl Acetate	4.49	43	36438	22.81	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	126328	21.21	ug/l	99
20) Methylene Chloride	4.73	84	52684	20.22	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	49583	20.32	ug/l	98
22) Diisopropyl ether	6.13	45	164632	21.06	ug/l	95
23) Vinyl Acetate	6.07	43	529481	103.84	ug/l	97
24) 1,1-Dichloroethane	6.03	63	86175	20.62	ug/l	99
25) 2-Butanone	7.00	43	101118	101.45	ug/l	99
26) 2,2-Dichloropropane	6.99	77	72427	19.92	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	55448	20.58	ug/l	98
28) Bromochloromethane	7.35	49	32937	18.92	ug/l	98
29) Tetrahydrofuran	7.36	42	64362	106.84	ug/l	97
30) Chloroform	7.52	83	82110	20.11	ug/l	99
31) Cyclohexane	7.79	56	88134	19.78	ug/l	# 95
32) 1,1,1-Trichloroethane	7.71	97	70272	20.48	ug/l	99
36) 1,1-Dichloropropene	7.93	75	67259	19.89	ug/l	99
37) Ethyl Acetate	7.08	43	41887	20.75	ug/l	99
38) Carbon Tetrachloride	7.91	117	58850	19.81	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	88104	19.64	ug/l	99
40) Benzene	8.17	78	201039	20.21	ug/l	98
41) Methacrylonitrile	7.33	41	23231	22.92	ug/l #	81
42) 1,2-Dichloroethane	8.25	62	54898	20.26	ug/l	99
43) Isopropyl Acetate	8.28	43	80249	20.95	ug/l	100
44) Trichloroethene	8.94	130	49335	19.87	ug/l	100
45) 1,2-Dichloropropane	9.22	63	52767	21.18	ug/l	97
46) Dibromomethane	9.31	93	26991	20.72	ug/l	99
47) Bromodichloromethane	9.50	83	64648	20.56	ug/l	97
48) Methyl methacrylate	9.30	41	35413	20.45	ug/l	97
49) 1,4-Dioxane	9.30	88	7404	402.37	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	207087	105.25	ug/l	99
52) Toluene	10.25	92	126188	20.34	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	70978	20.42	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	81207	20.30	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	39724	20.68	ug/l	96
56) Ethyl methacrylate	10.51	69	59446	20.63	ug/l	98
57) 1,3-Dichloropropane	10.79	76	71654	20.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	153828	132.98	ug/l	99
59) 2-Hexanone	10.83	43	147355	99.81	ug/l	100
60) Dibromochloromethane	10.99	129	42712	20.17	ug/l	99
61) 1,2-Dibromoethane	11.09	107	37629	20.72	ug/l	98
64) Tetrachloroethene	10.72	164	40384	20.30	ug/l	99
65) Chlorobenzene	11.52	112	129244	20.43	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	42763	20.03	ug/l	98
67) Ethyl Benzene	11.60	91	240787	20.51	ug/l	99
68) m/p-Xylenes	11.70	106	180666	41.19	ug/l	98
69) o-Xylene	12.03	106	84434	20.25	ug/l	98
70) Styrene	12.05	104	146617	20.23	ug/l	100
71) Bromoform	12.20	173	24166	19.81	ug/l #	100
73) Isopropylbenzene	12.33	105	229881	20.04	ug/l	99
74) N-amyl acetate	12.14	43	75695	20.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	50113	20.46	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	65385	37.86	ug/l #	100
77) Bromobenzene	12.61	156	49111	19.75	ug/l	99
78) n-propylbenzene	12.67	91	280580	20.09	ug/l	99
79) 2-Chlorotoluene	12.76	91	160500	20.49	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	191427	20.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	18264	20.06	ug/l	97
82) 4-Chlorotoluene	12.86	91	166569	20.16	ug/l	100
83) tert-Butylbenzene	13.08	119	160541	20.22	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	192927	20.38	ug/l	100
85) sec-Butylbenzene	13.25	105	239095	20.47	ug/l	99
86) p-Isopropyltoluene	13.37	119	205592	20.27	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	96671	20.05	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	98297	20.17	ug/l	99
89) n-Butylbenzene	13.70	91	210441	20.30	ug/l	100
90) Hexachloroethane	13.96	117	38277	20.03	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	88232	19.83	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8767	21.69	ug/l	92

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	59114	20.05	ug/l	99
94) Hexachlorobutadiene	15.11	225	28938	19.73	ug/l	100
95) Naphthalene	15.24	128	136802	20.12	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	52101	20.08	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

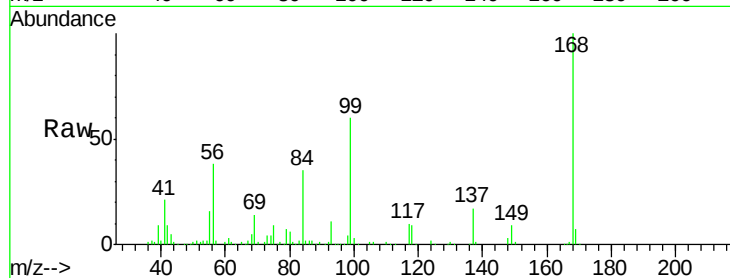
VY0224SBS01

Tgt Ion:168 Resp: 197131

Ion Ratio Lower Upper

168 100

99 59.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001764.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001764.D (-948) (-)

7.80

80000

60000

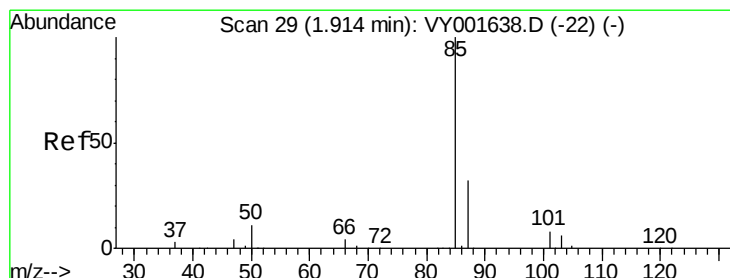
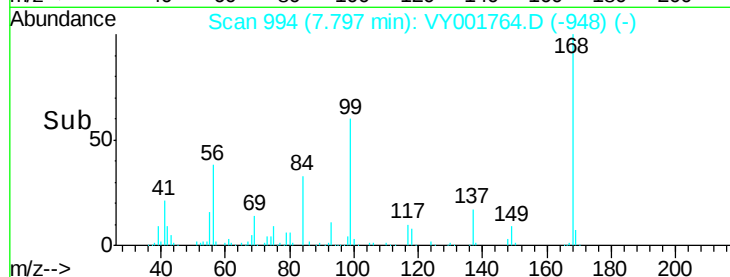
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.74 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001764.D

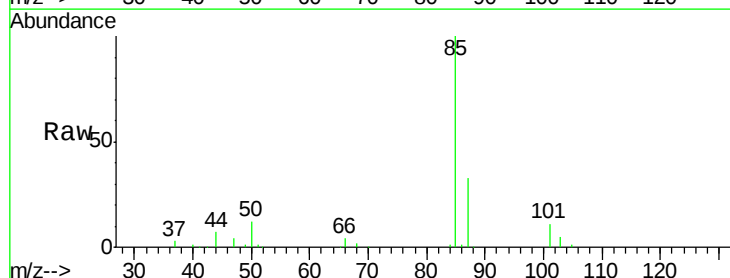
Acq: 24 Feb 2020 11:49

Tgt Ion: 85 Resp: 34084

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001764.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001764.D (-1) (-)

1.91

25000

20000

15000

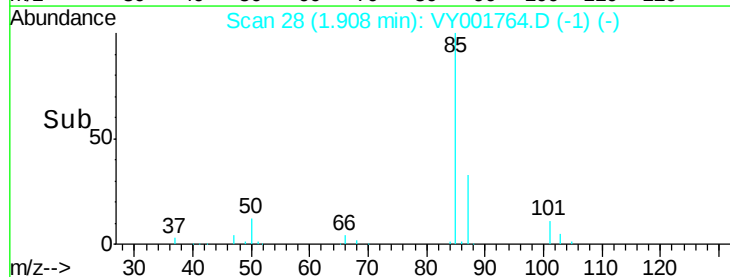
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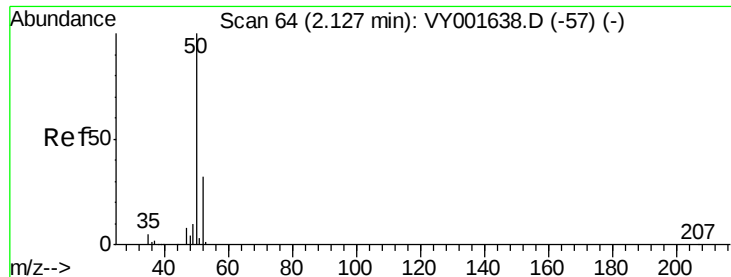
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.24 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

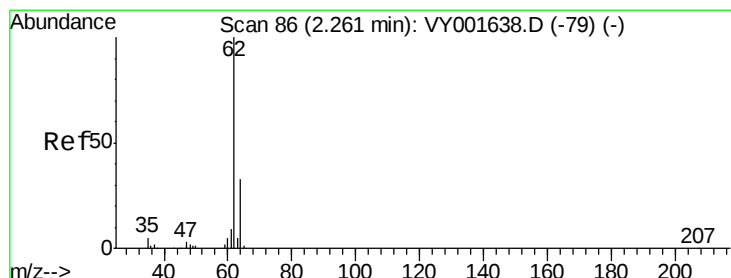
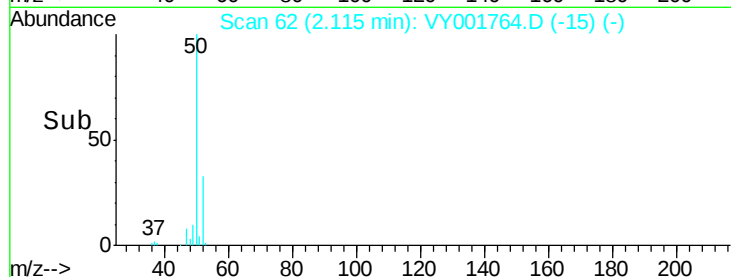
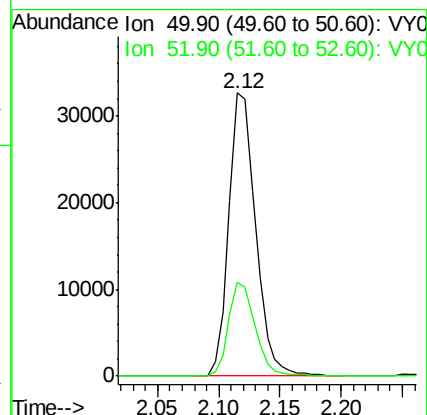
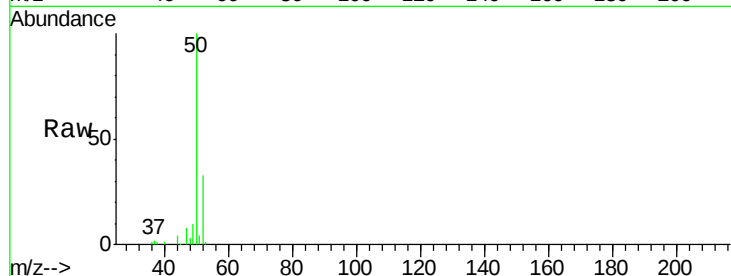
VY0224SBS01

Tgt Ion: 50 Resp: 49718

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.6



#4

Vinyl Chloride

Concen: 18.62 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001764.D

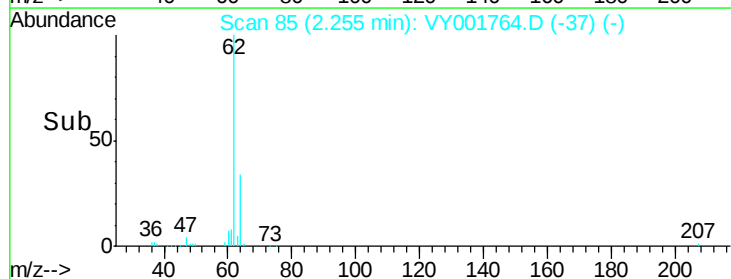
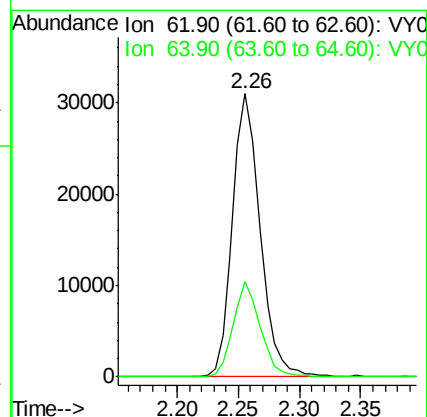
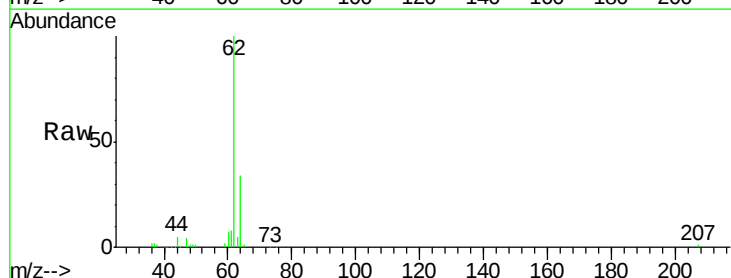
Acq: 24 Feb 2020 11:49

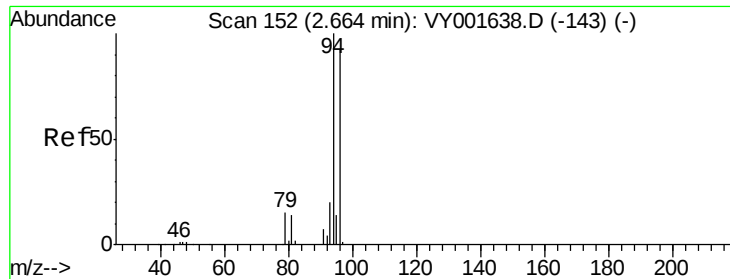
Tgt Ion: 62 Resp: 48533

Ion Ratio Lower Upper

62 100

64 33.5 24.9 37.3





#5

Bromomethane

Concen: 19.12 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

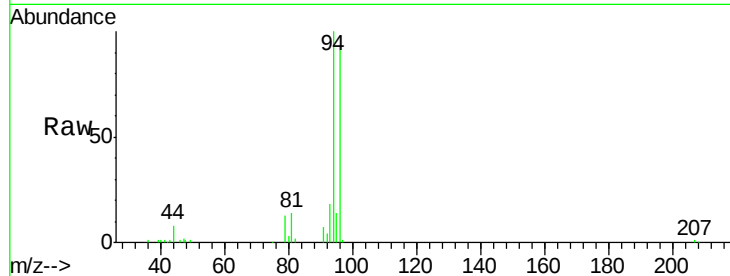
VY0224SBS01

Tgt Ion: 94 Resp: 31153

Ion Ratio Lower Upper

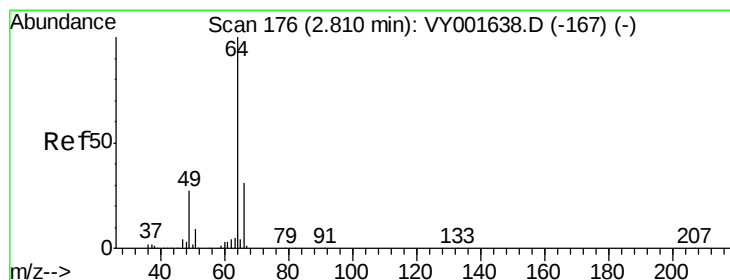
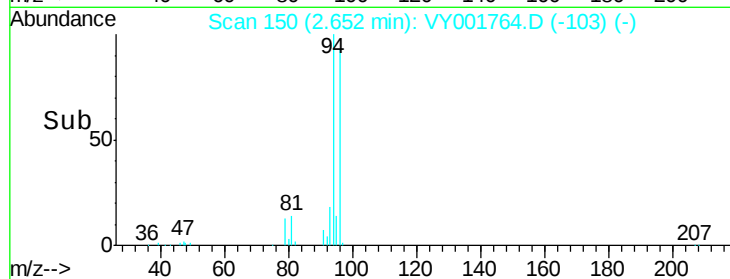
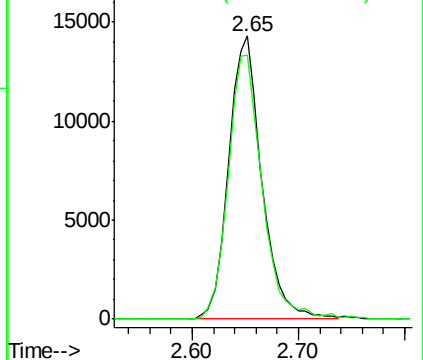
94 100

96 93.2 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.17 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001764.D

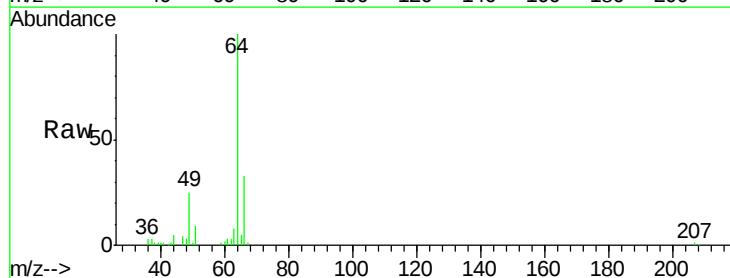
Acq: 24 Feb 2020 11:49

Tgt Ion: 64 Resp: 30792

Ion Ratio Lower Upper

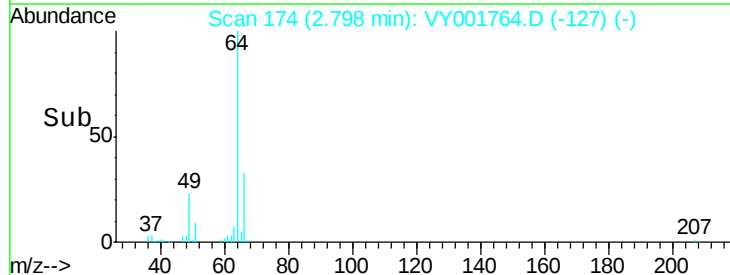
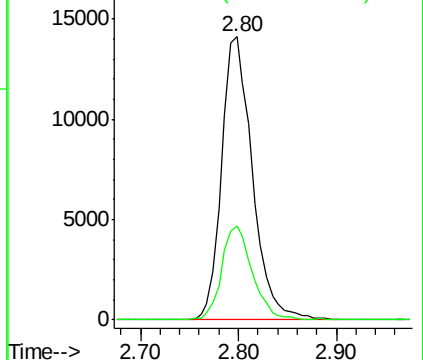
64 100

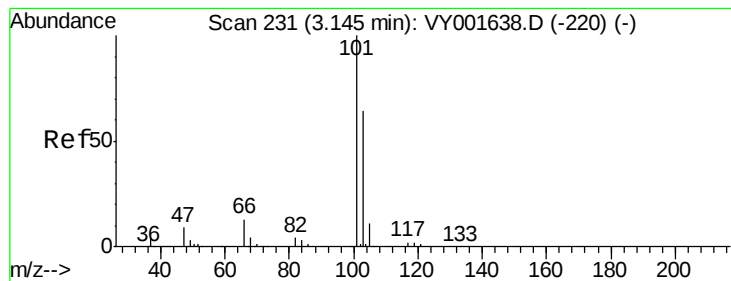
66 33.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 19.65 ug/l

RT: 3.13 min Scan# 229

Delta R.T. -0.01 min

Lab File: VY001764.D

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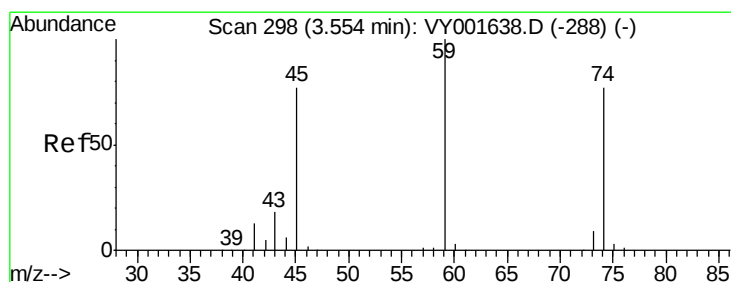
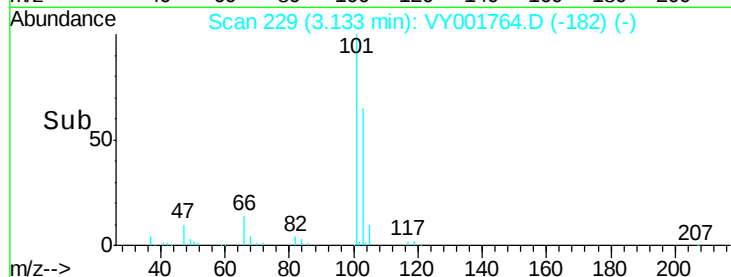
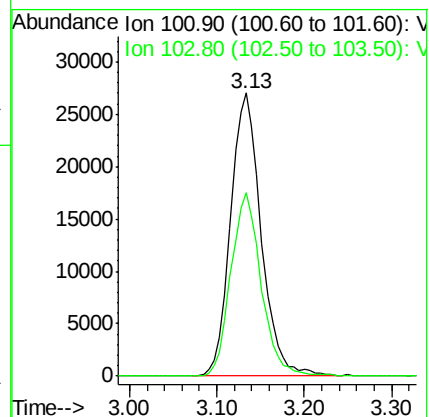
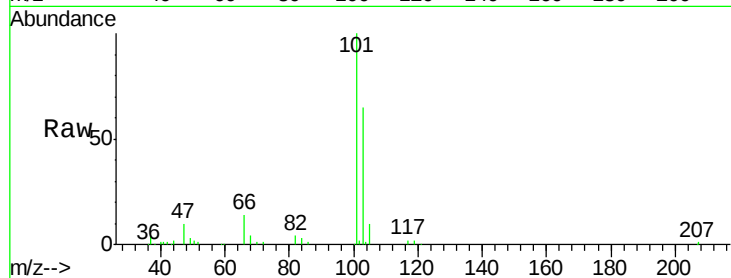
VY0224SBS01

Tgt Ion:101 Resp: 65552

Ion Ratio Lower Upper

101 100

103 65.0 52.2 78.2



#8

Diethyl Ether

Concen: 20.54 ug/l

RT: 3.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: VY001764.D

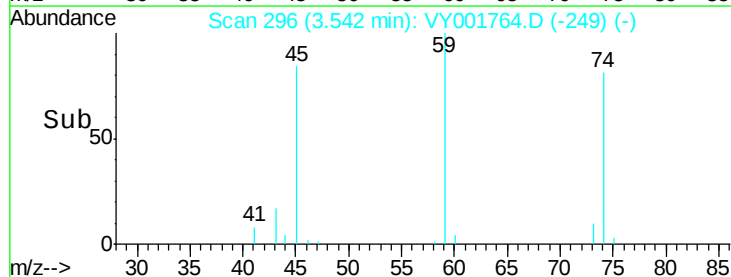
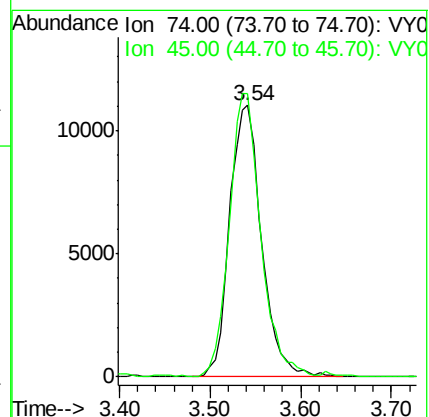
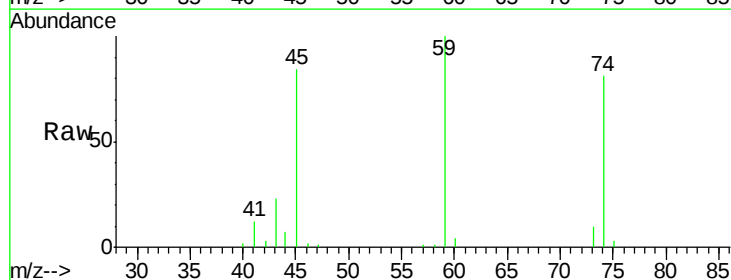
Acq: 24 Feb 2020 11:49

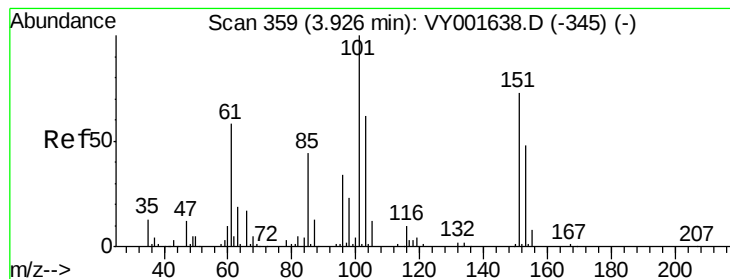
Tgt Ion: 74 Resp: 27013

Ion Ratio Lower Upper

74 100

45 102.9 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.80 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001764.D

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VY0224SBS01

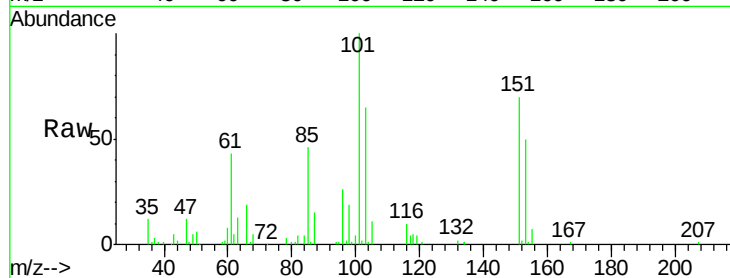
Tgt Ion:101 Resp: 43624

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

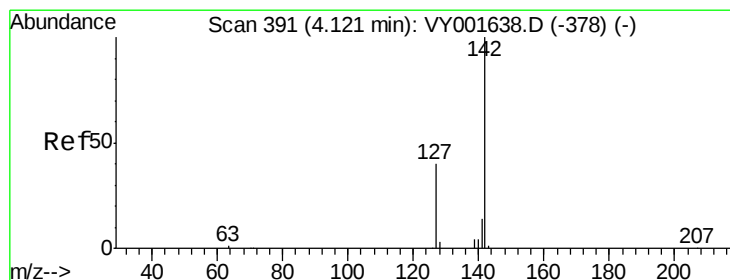
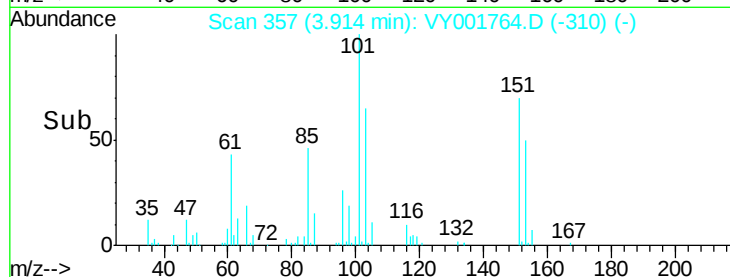
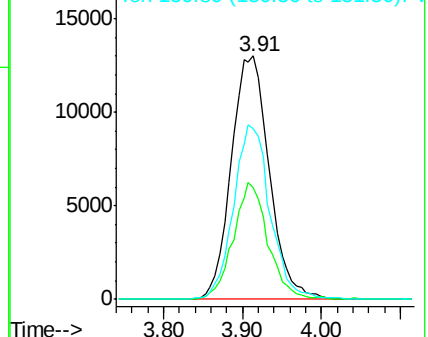
151 68.7 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.58 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

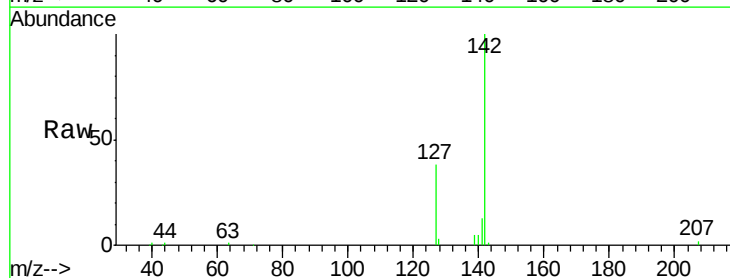
Tgt Ion:142 Resp: 47688

Ion Ratio Lower Upper

142 100

127 40.0 32.1 48.1

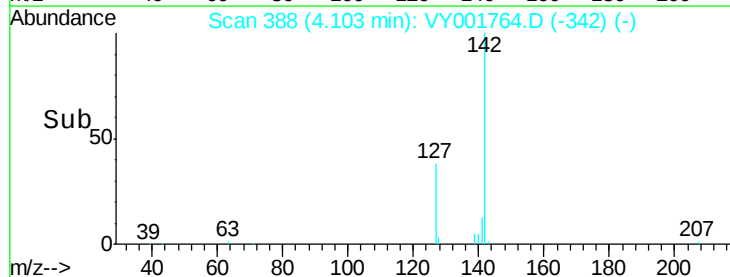
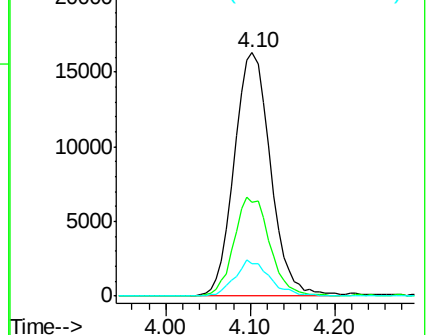
141 14.2 11.3 16.9

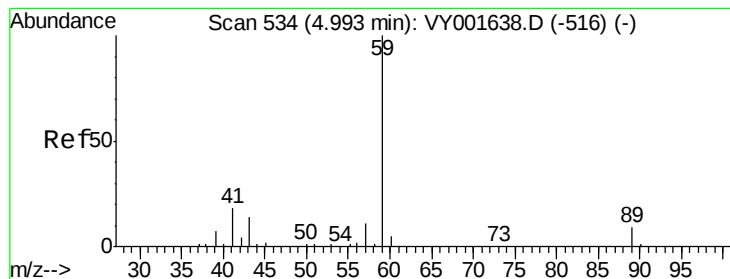


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



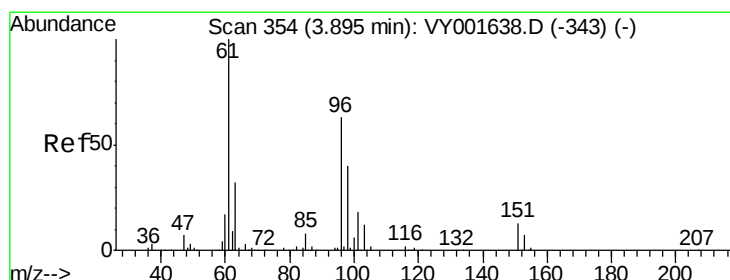
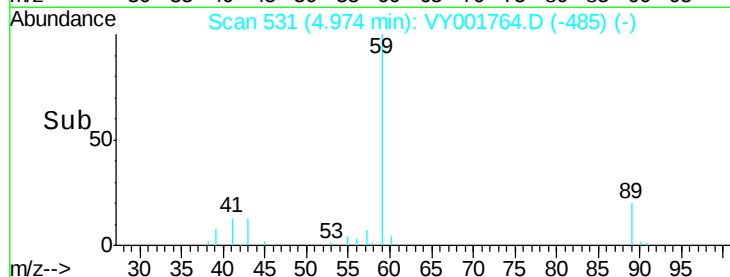
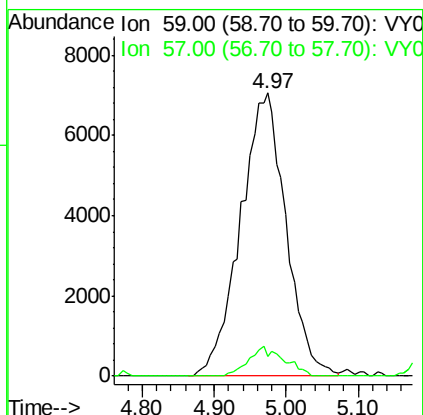
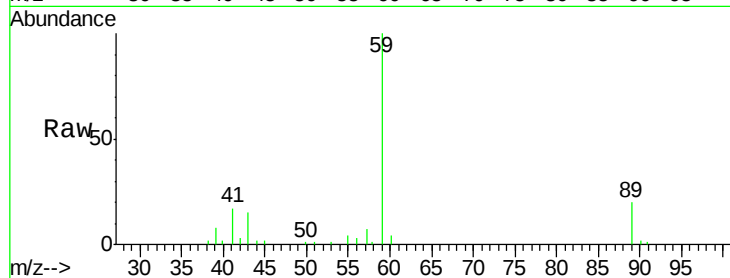


#11

Tert butyl alcohol
 Concen: 112.03 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

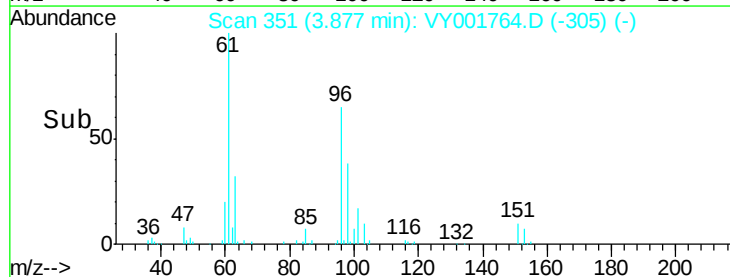
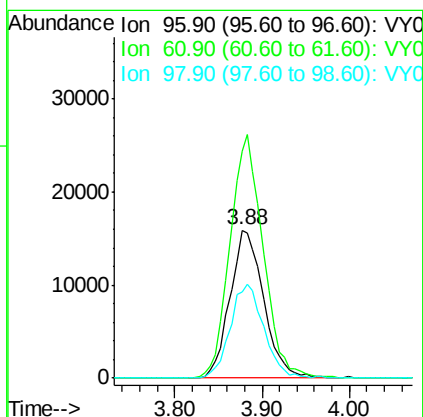
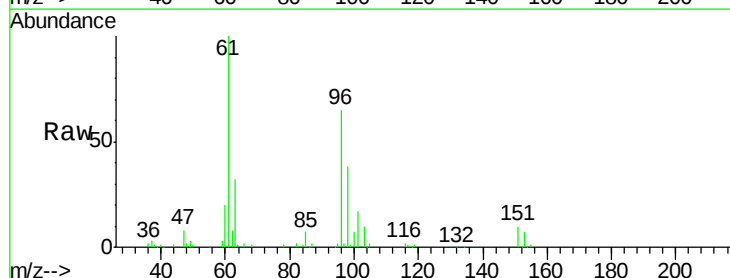
Tgt Ion: 59 Resp: 30953
 Ion Ratio Lower Upper
 59 100
 57 8.1 7.4 11.2

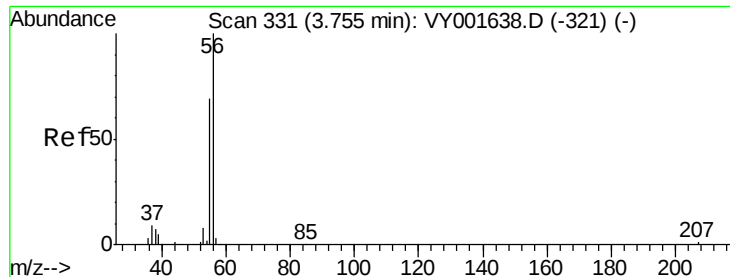


#12

1,1-Dichloroethene
 Concen: 19.88 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion: 96 Resp: 42528
 Ion Ratio Lower Upper
 96 100
 61 153.7 128.7 193.1
 98 58.5 50.7 76.1





#13

Acrolein

Concen: 97.60 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

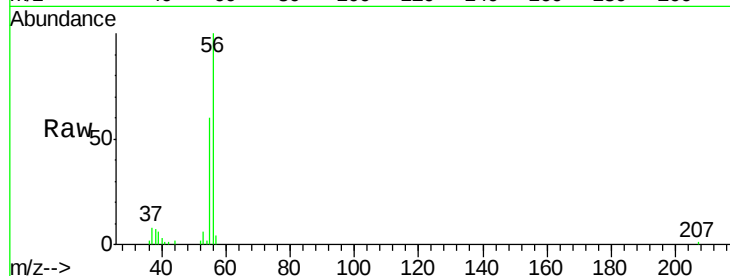
VY0224SBS01

Tgt Ion: 56 Resp: 20902

Ion Ratio Lower Upper

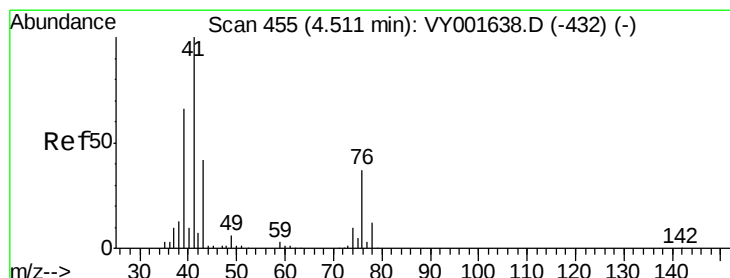
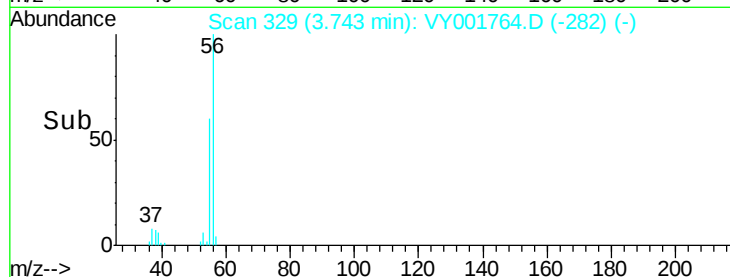
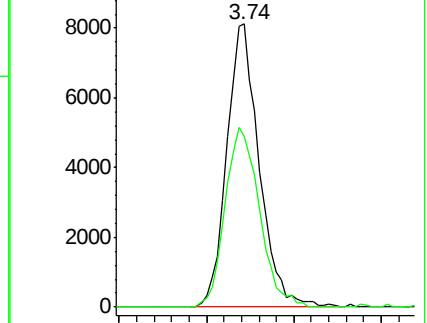
56 100

55 67.4 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.63 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

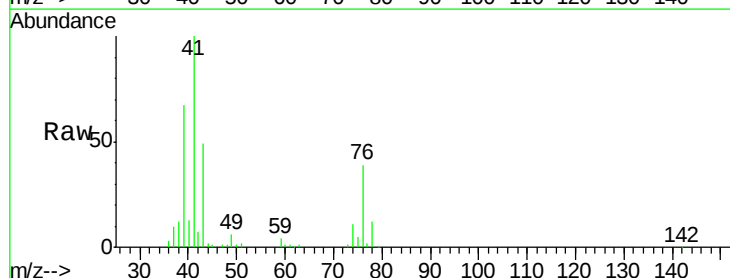
Tgt Ion: 41 Resp: 78527

Ion Ratio Lower Upper

41 100

39 63.0 49.4 74.0

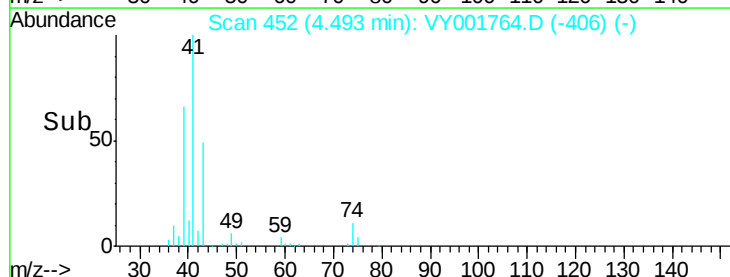
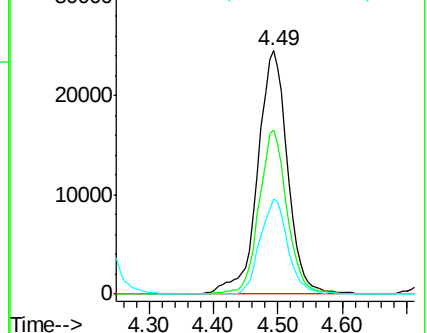
76 36.2 29.0 43.6



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: 109.66 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

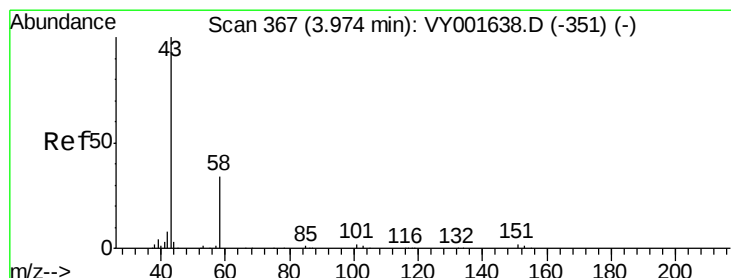
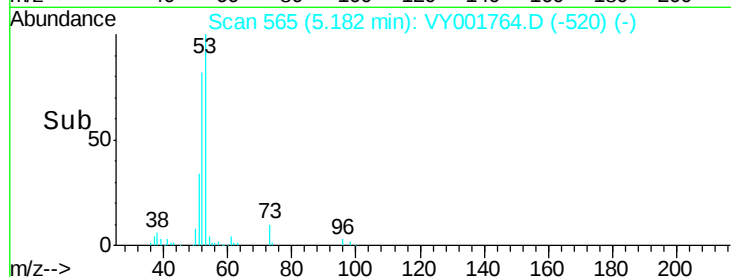
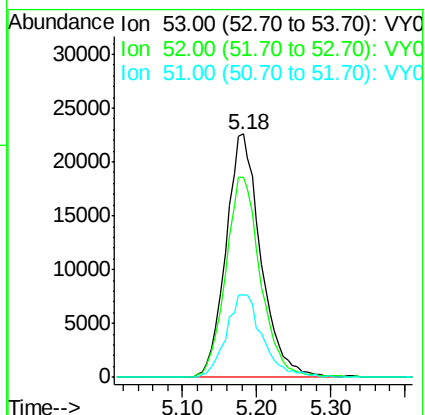
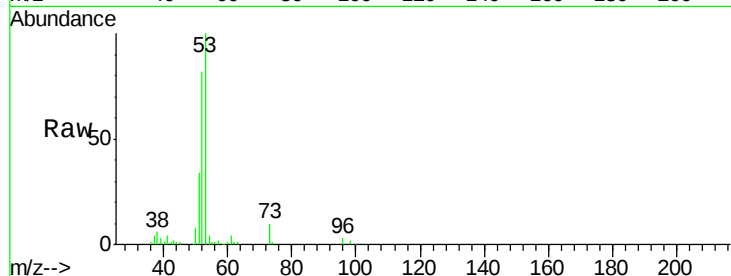
Tgt Ion: 53 Resp: 73935

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.0

51 35.1 28.0 42.0



#16

Acetone

Concen: 89.91 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY001764.D

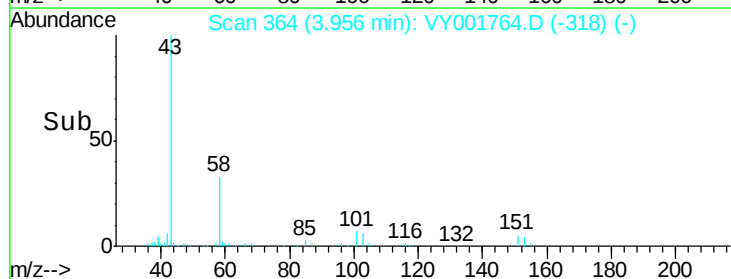
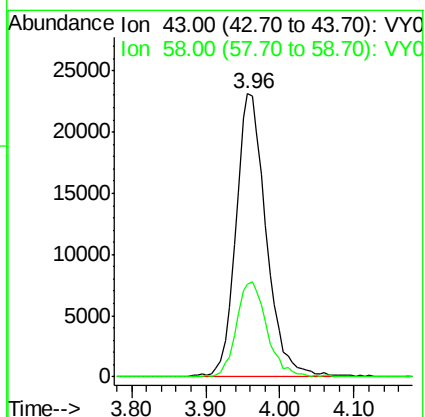
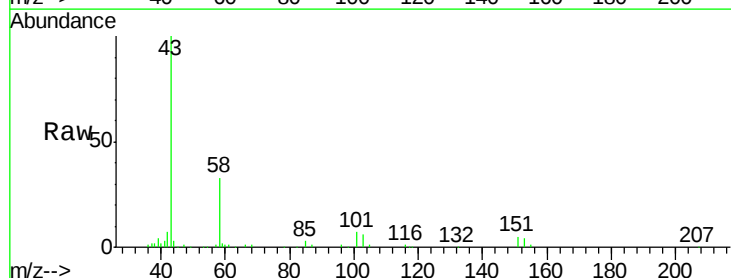
Acq: 24 Feb 2020 11:49

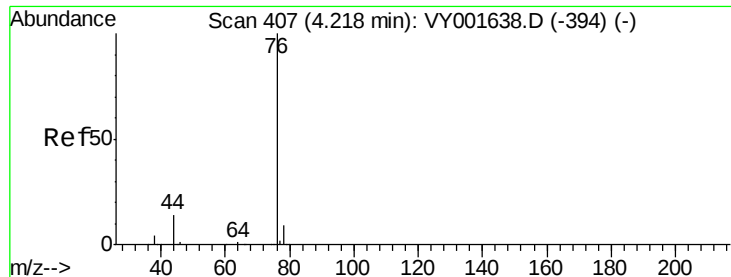
Tgt Ion: 43 Resp: 65965

Ion Ratio Lower Upper

43 100

58 32.6 27.3 40.9

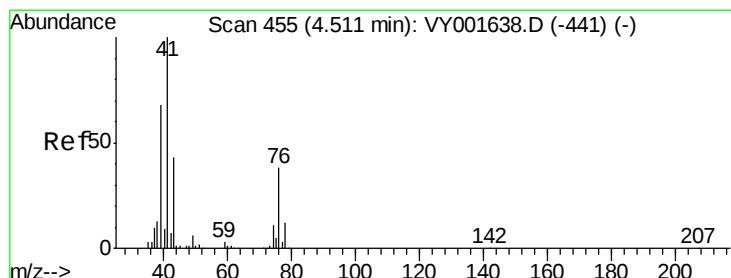
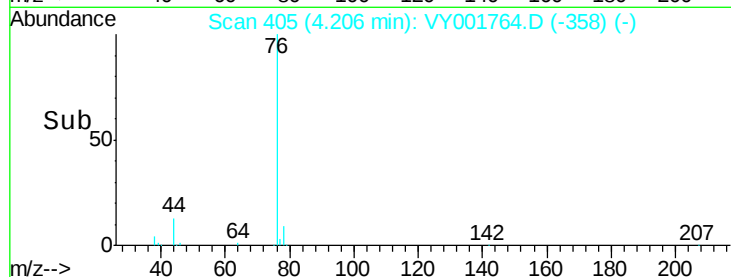
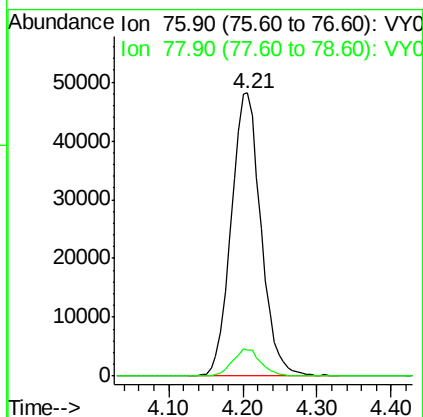
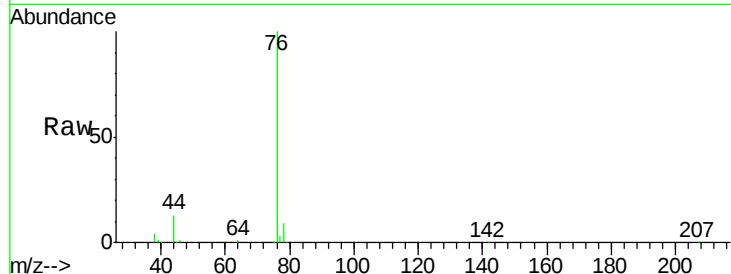




#17
Carbon Disulfide
Concen: 18.88 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

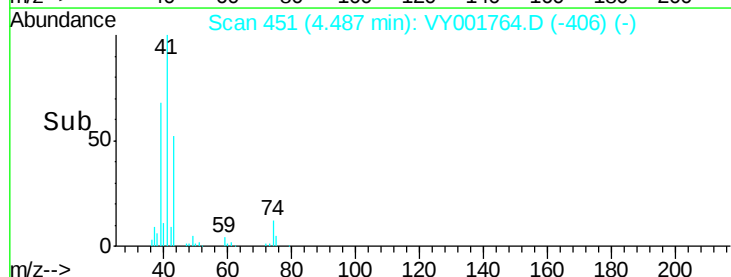
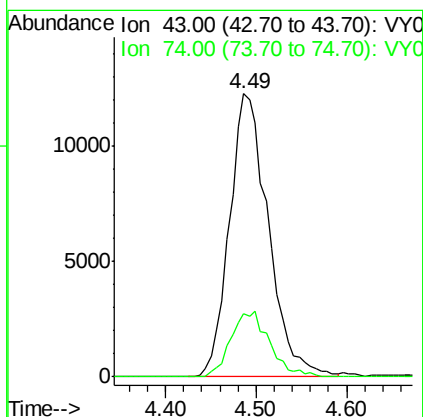
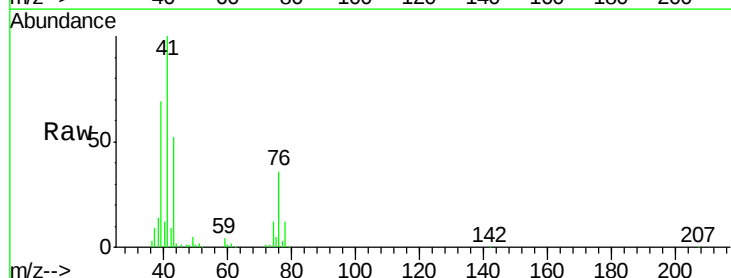
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

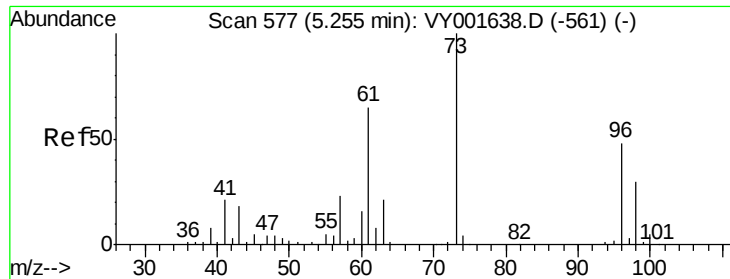
Tgt Ion: 76 Resp: 134854
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 22.81 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 43 Resp: 36438
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7

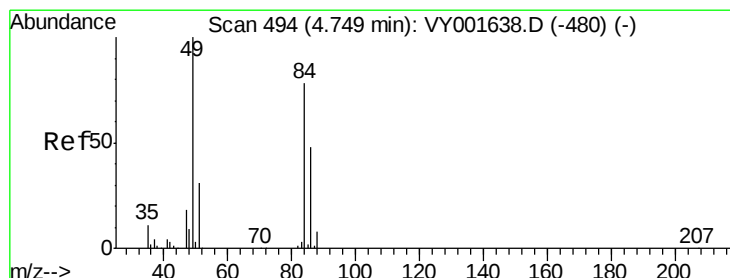
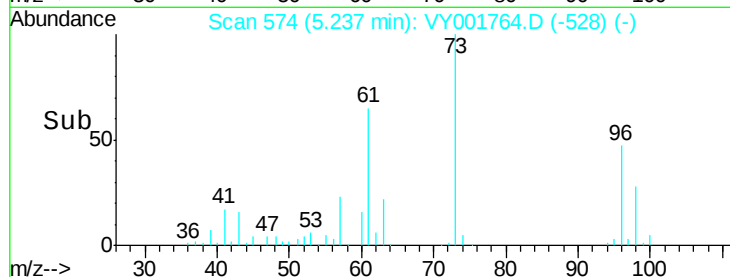
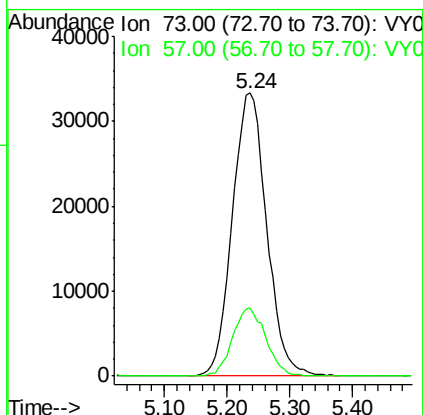
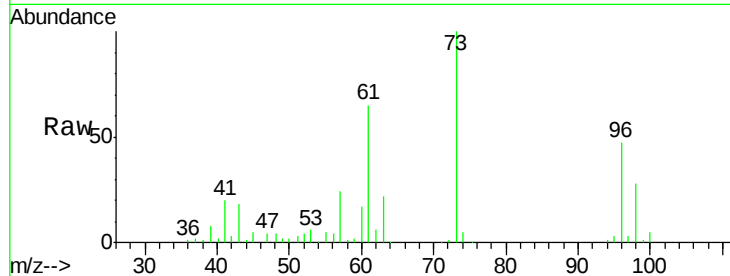




#19
Methyl tert-butyl Ether
Concen: 21.21 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

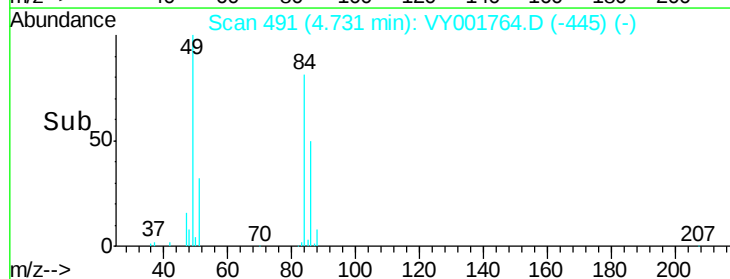
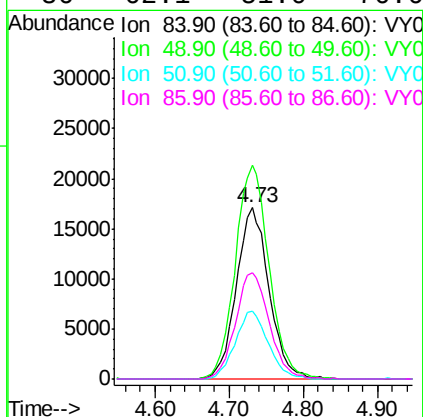
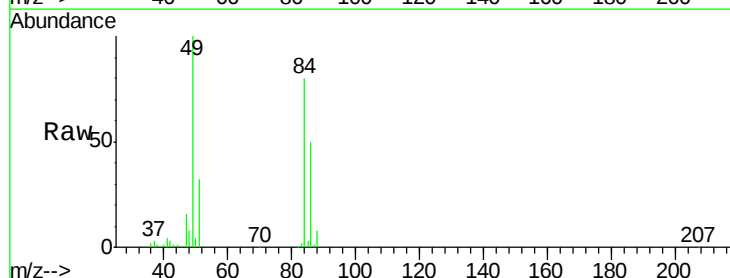
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

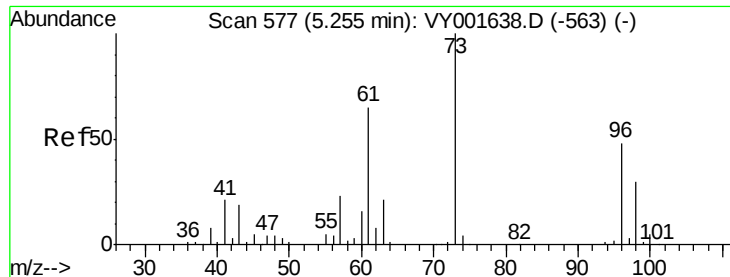
Tgt Ion: 73 Resp: 126328
Ion Ratio Lower Upper
73 100
57 24.1 19.0 28.6



#20
Methylene Chloride
Concen: 20.22 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 84 Resp: 52684
Ion Ratio Lower Upper
84 100
49 124.9 99.2 148.8
51 40.0 31.5 47.3
86 62.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.32 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

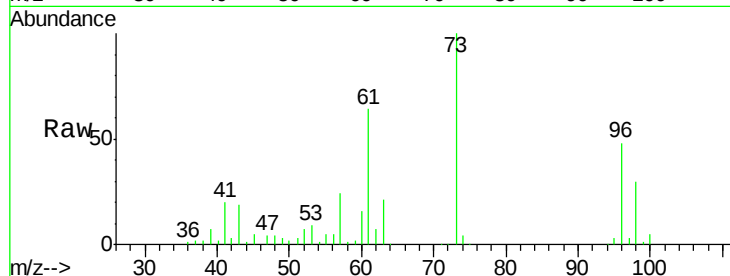
Tgt Ion: 96 Resp: 49583

Ion Ratio Lower Upper

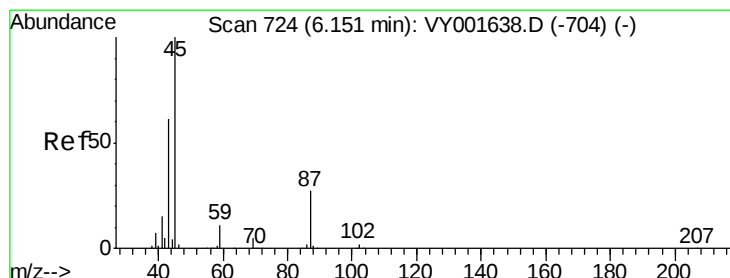
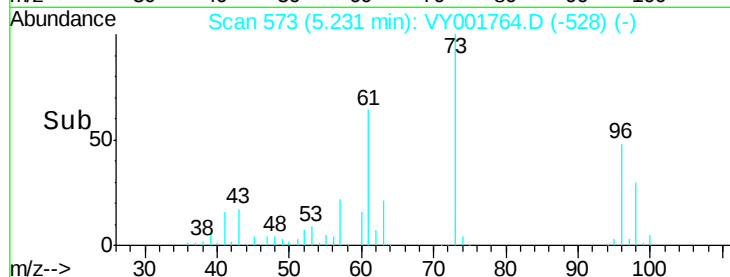
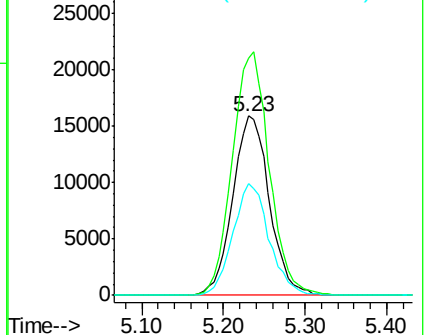
96 100

61 132.4 107.9 161.9

98 62.5 49.8 74.8



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



#22

Diisopropyl ether

Concen: 21.06 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Tgt Ion: 45 Resp: 164632

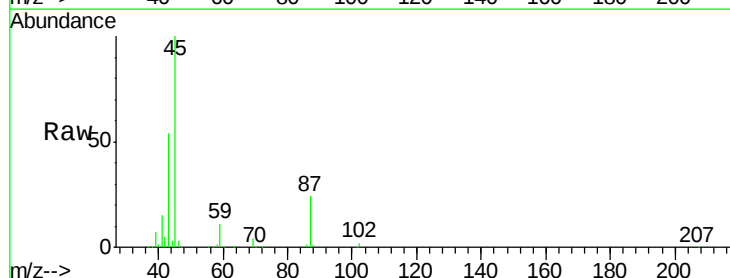
Ion Ratio Lower Upper

45 100

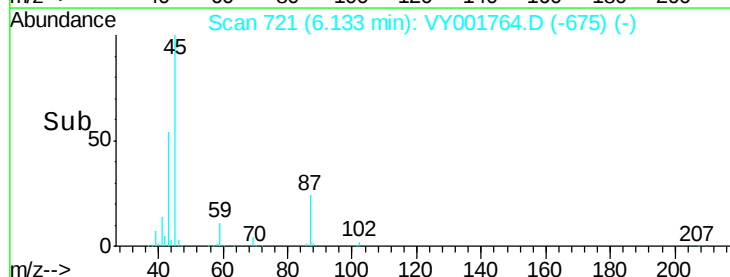
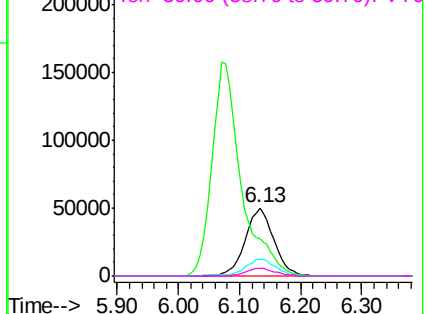
43 54.0 46.4 69.6

87 23.9 22.1 33.1

59 11.5 9.4 14.0



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





#23

Vinyl Acetate

Concen: 103.84 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

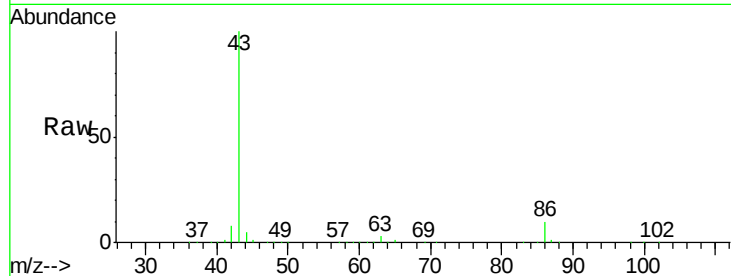
VY0224SBSD01

Tgt Ion: 43 Resp: 529481

Ion Ratio Lower Upper

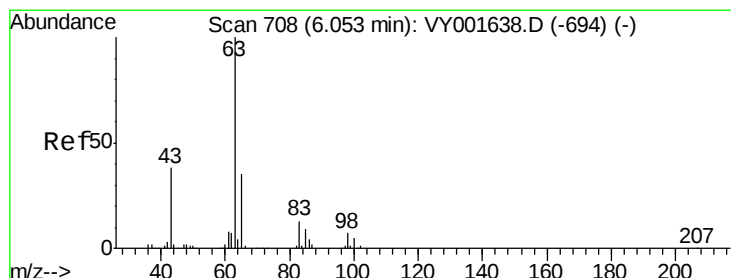
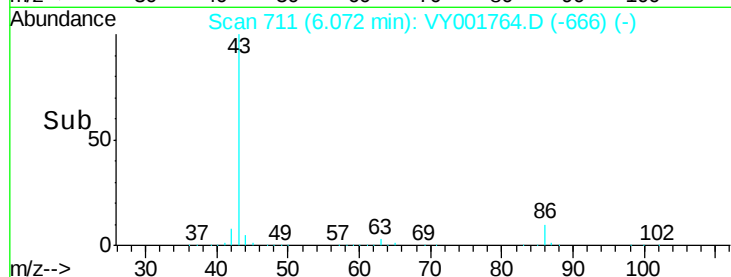
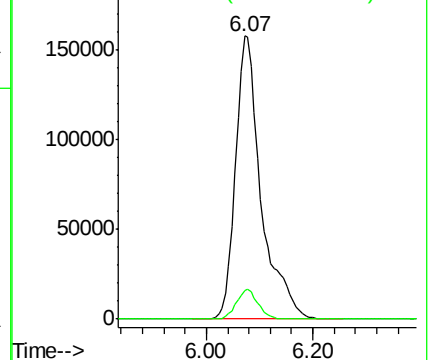
43 100

86 10.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.62 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

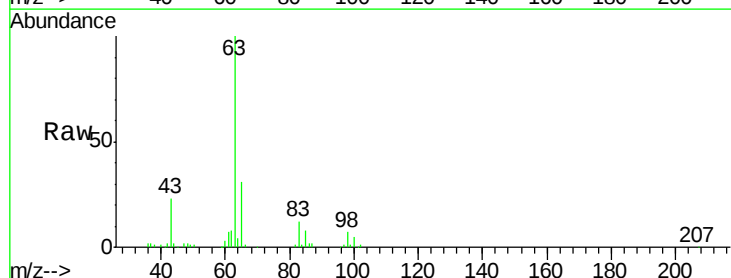
Tgt Ion: 63 Resp: 86175

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

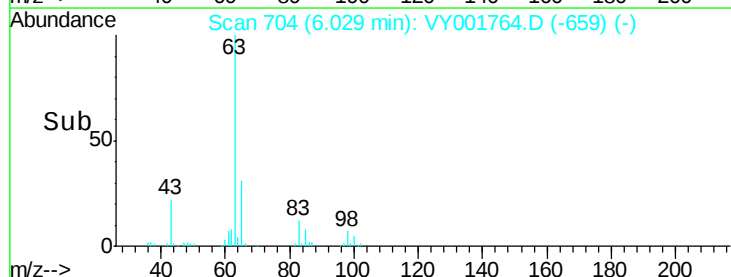
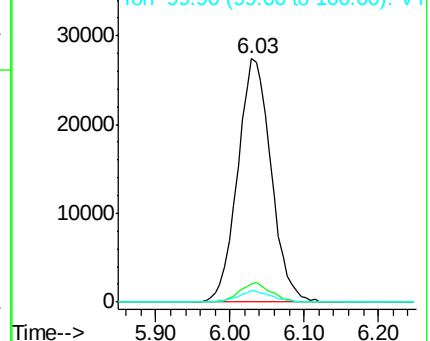
100 5.0 2.3 6.9

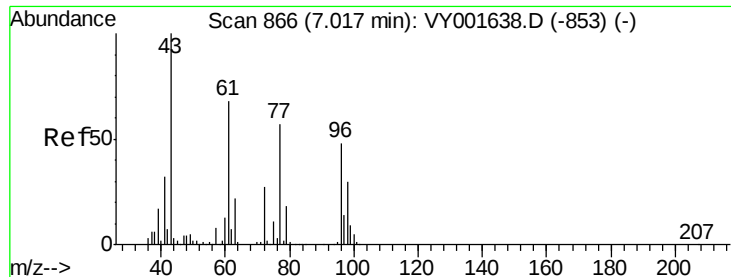


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 101.45 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

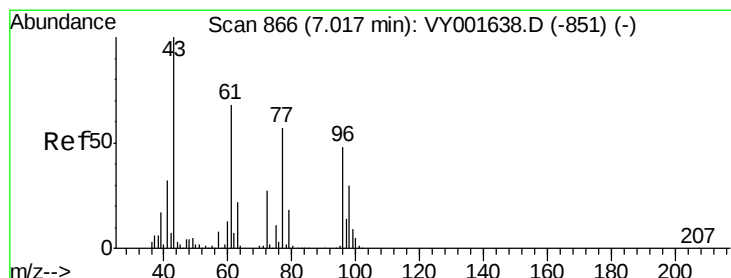
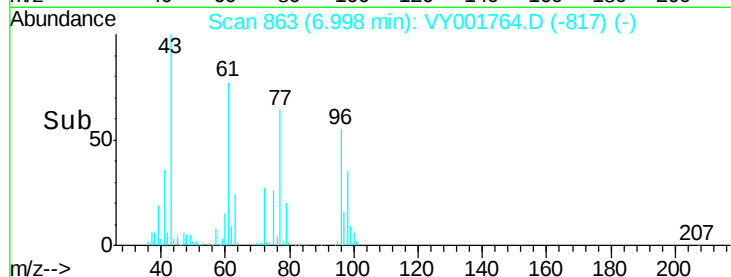
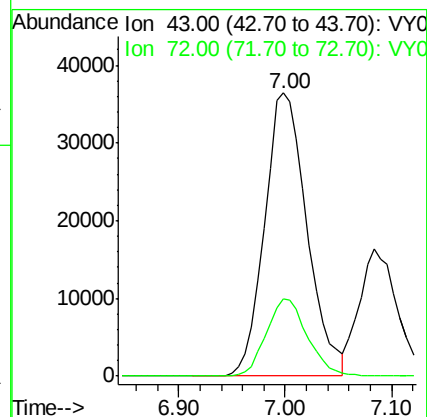
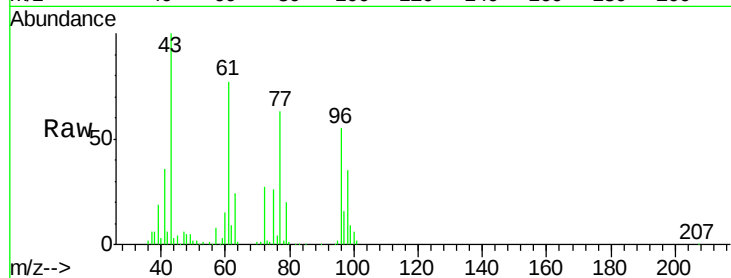
VY0224SBS01

Tgt Ion: 43 Resp: 101118

Ion Ratio Lower Upper

43 100

72 27.3 21.2 31.8



#26

2,2-Dichloropropane

Concen: 19.92 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY001764.D

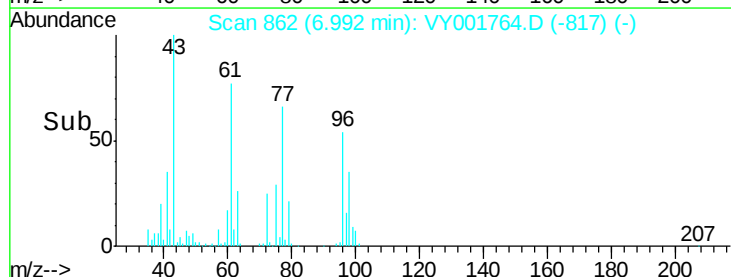
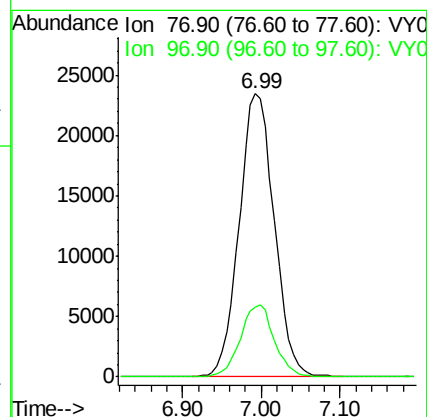
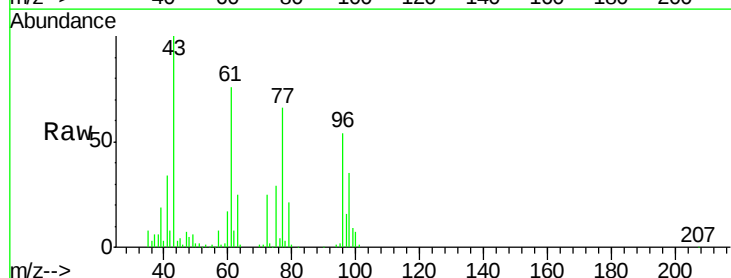
Acq: 24 Feb 2020 11:49

Tgt Ion: 77 Resp: 72427

Ion Ratio Lower Upper

77 100

97 24.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 20.58 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

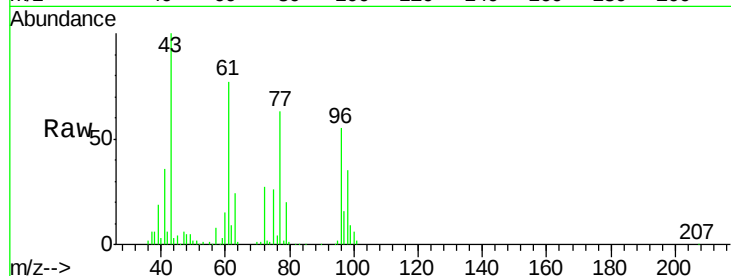
Tgt Ion: 96 Resp: 55448

Ion Ratio Lower Upper

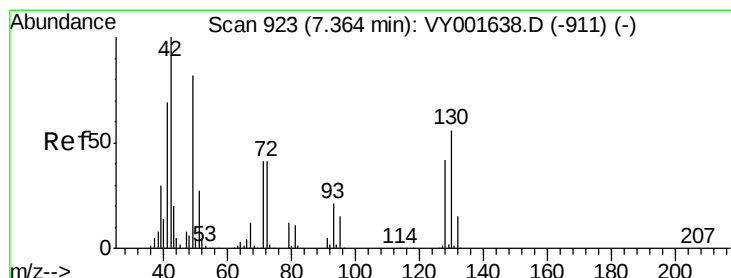
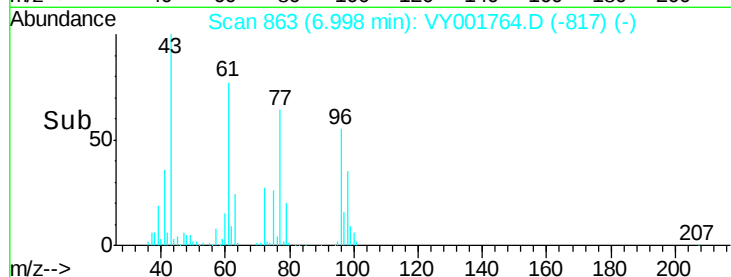
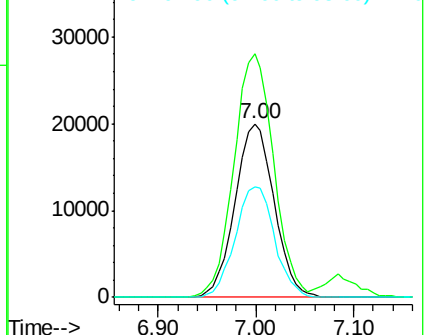
96 100

61 142.7 0.0 290.8

98 64.1 0.0 128.6



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



#28

Bromochloromethane

Concen: 18.92 ug/l

RT: 7.35 min Scan# 920

Delta R.T. -0.02 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

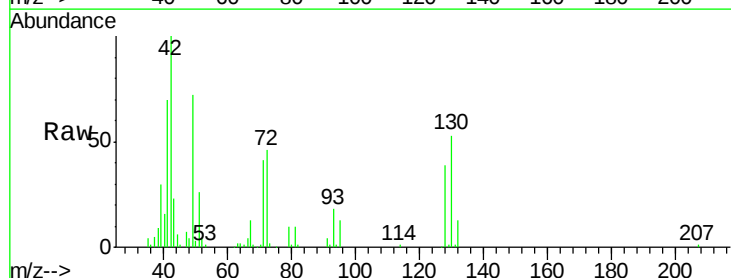
Tgt Ion: 49 Resp: 32937

Ion Ratio Lower Upper

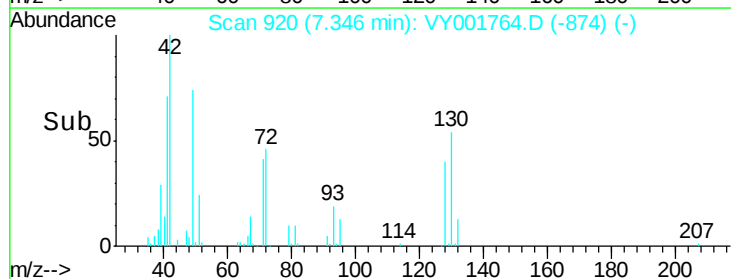
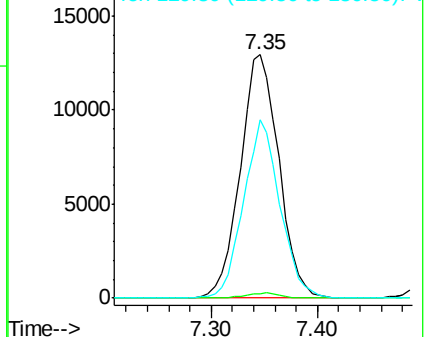
49 100

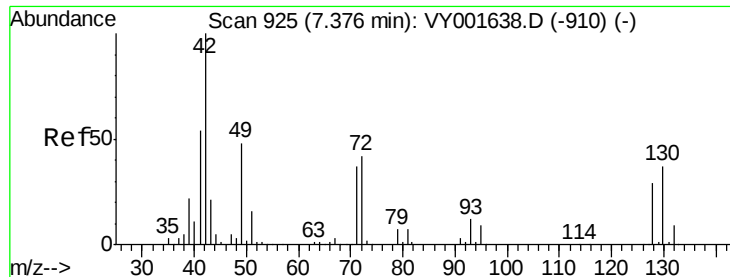
129 1.7 0.0 3.6

130 68.9 56.2 84.4



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

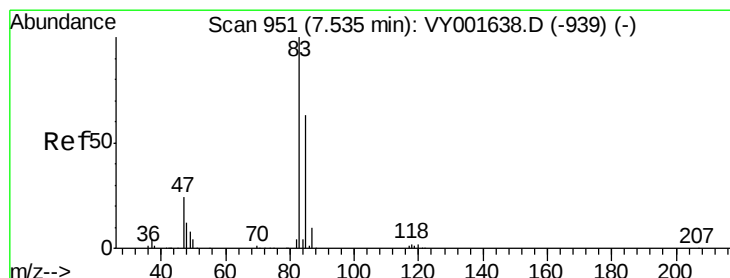
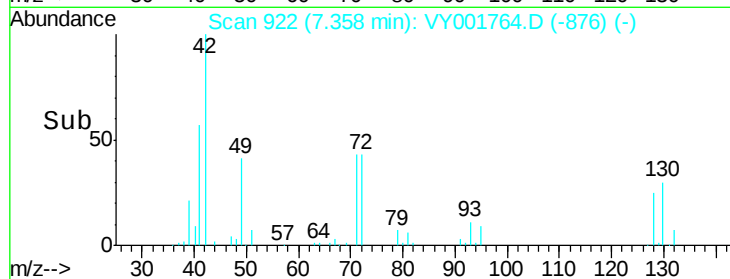
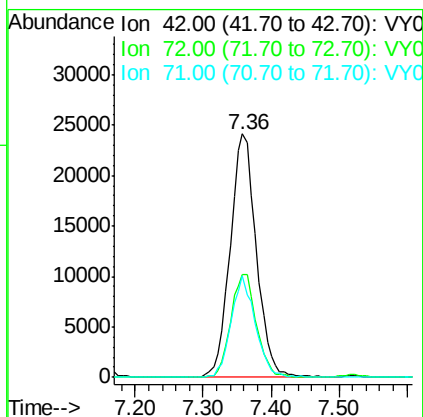
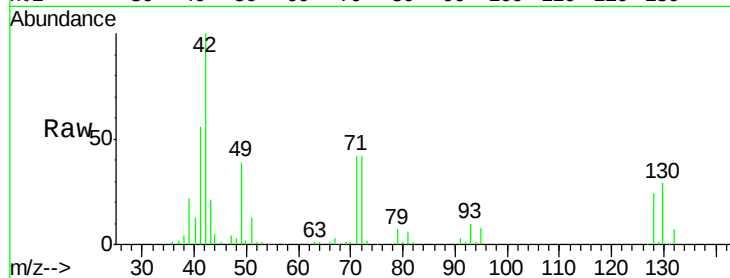




#29
Tetrahydrofuran
Concen: 106.84 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

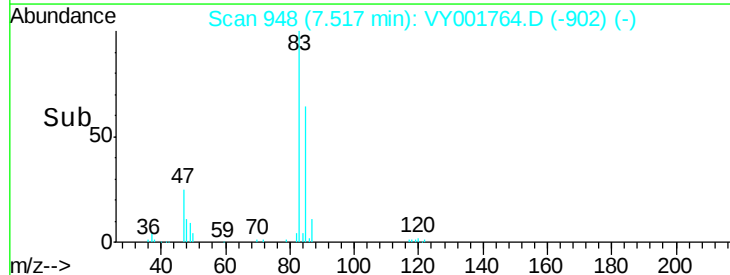
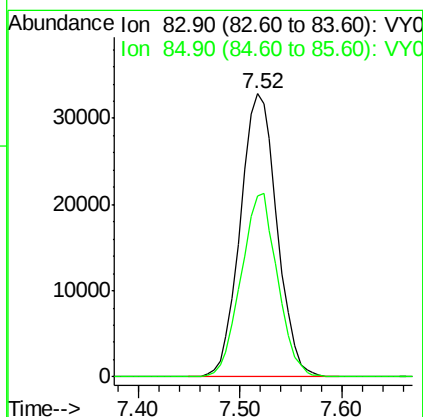
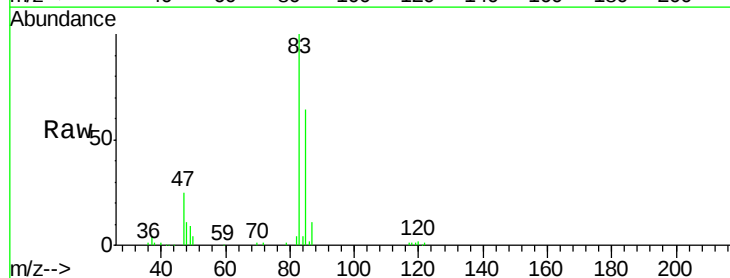
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

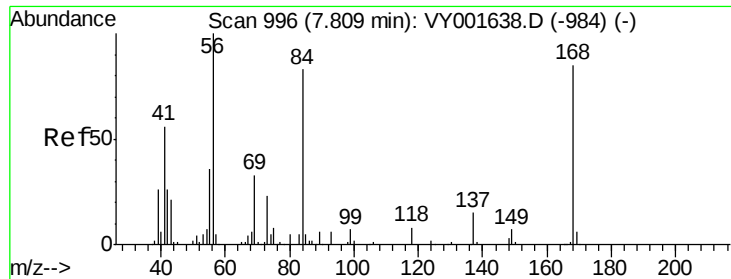
Tgt Ion: 42 Resp: 64362
Ion Ratio Lower Upper
42 100
72 41.1 34.4 51.6
71 38.4 31.8 47.8



#30
Chloroform
Concen: 20.11 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 83 Resp: 82110
Ion Ratio Lower Upper
83 100
85 63.9 51.6 77.4

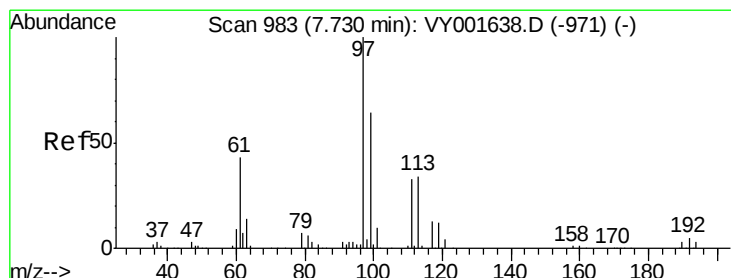
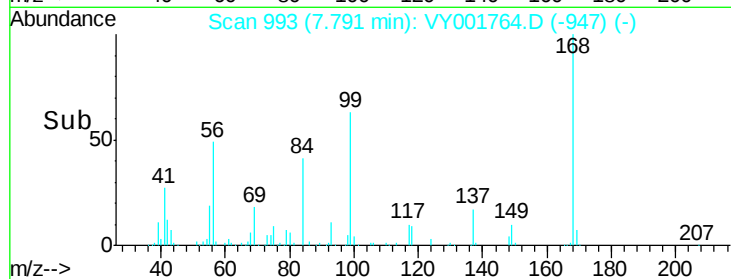
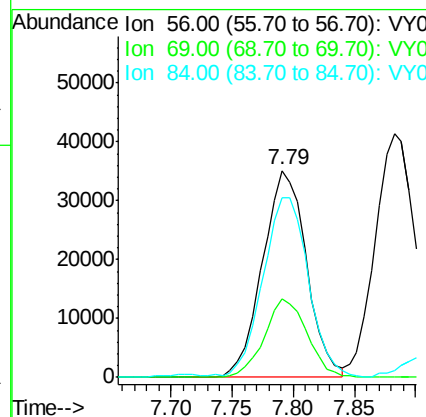
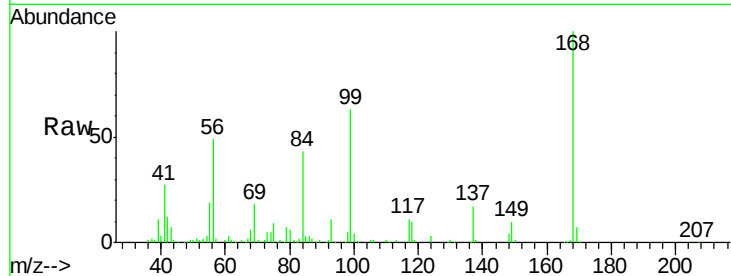




#31
Cyclohexane
Concen: 19.78 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

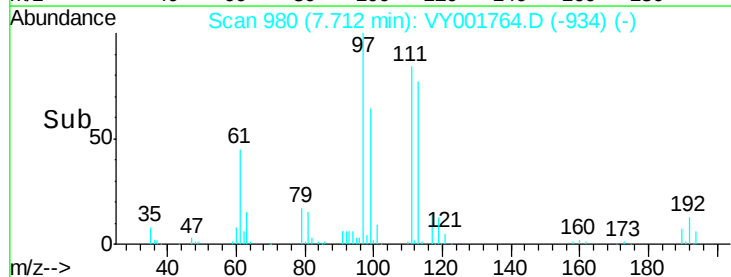
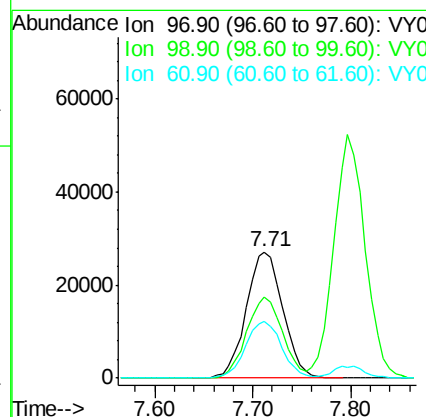
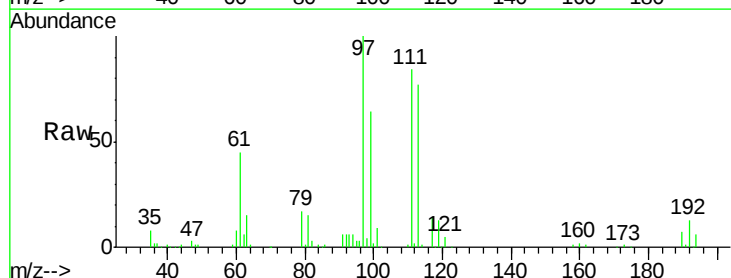
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBSD01

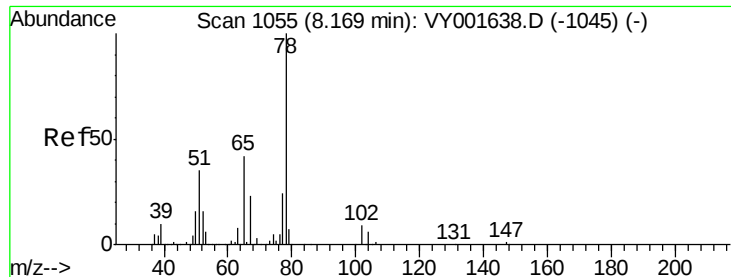
Tgt Ion: 56 Resp: 88134
Ion Ratio Lower Upper
56 100
69 37.7 25.1 37.7#
84 85.8 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 20.48 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 97 Resp: 70272
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 44.2 35.0 52.6

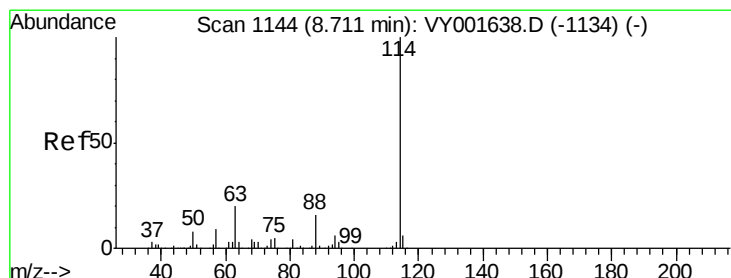
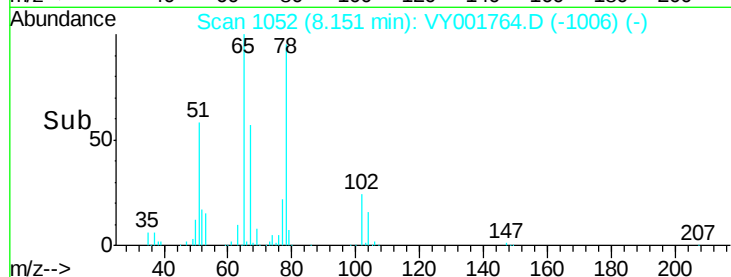
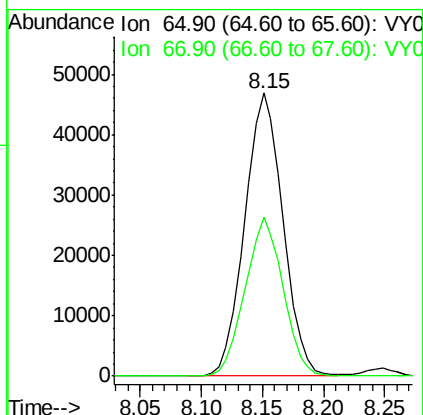
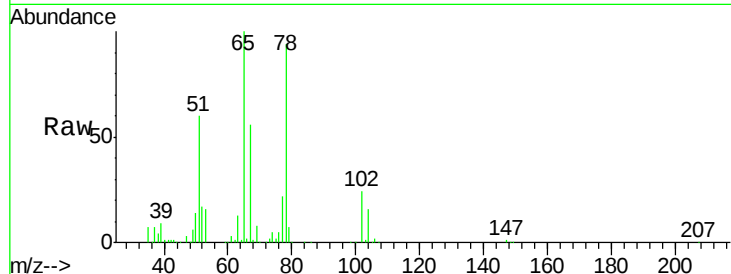




#33
 1,2-Dichloroethane-d4
 Concen: 48.12 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

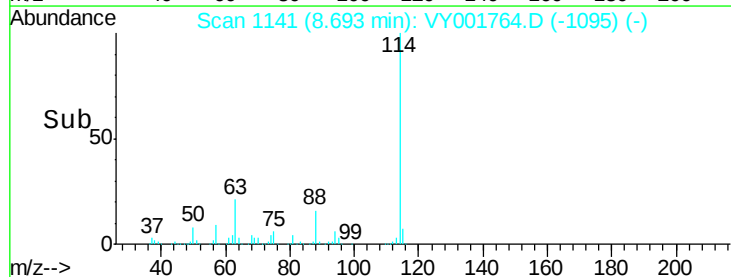
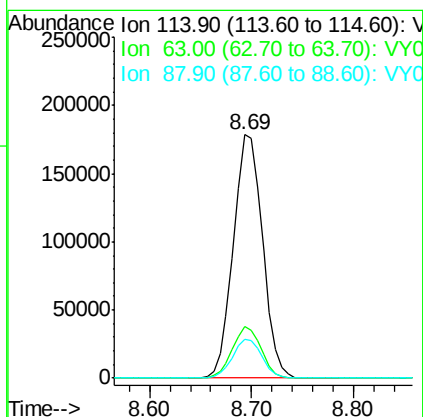
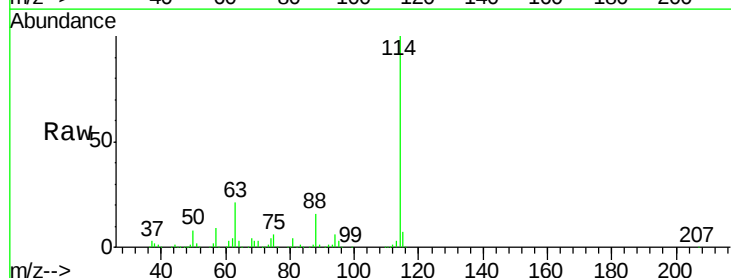
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

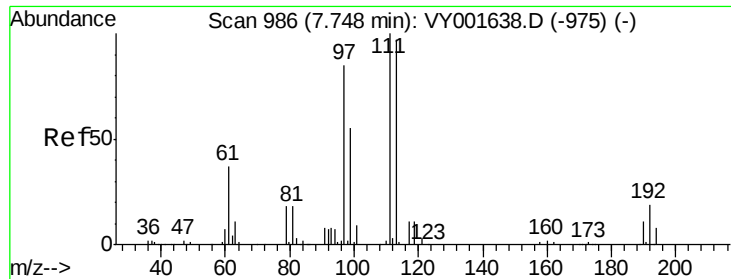
Tgt Ion: 65 Resp: 102031
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion: 114 Resp: 354039
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 16.2 0.0 32.8

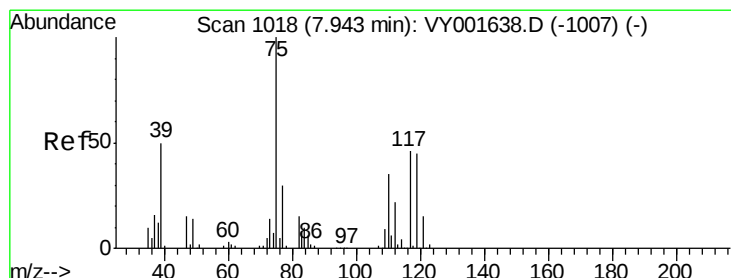
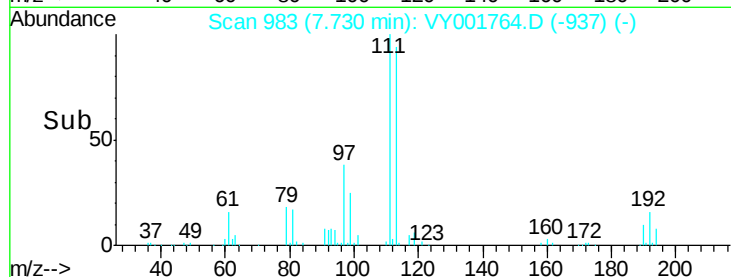
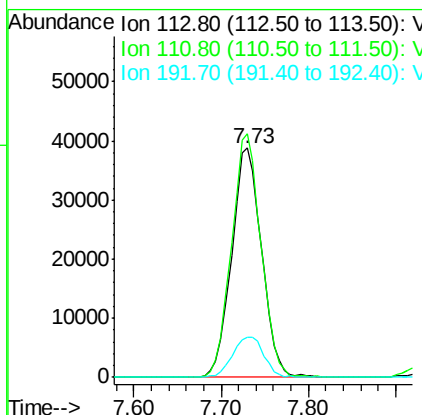
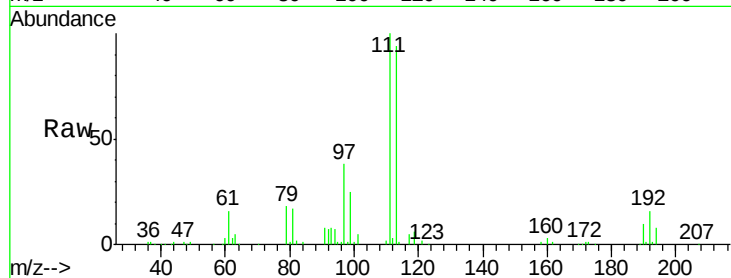




#35
 Dibromofluoromethane
 Concen: 45.61 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

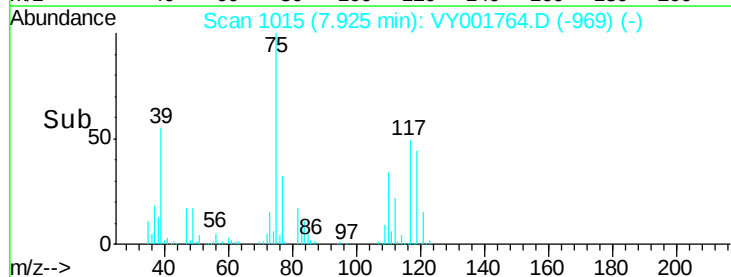
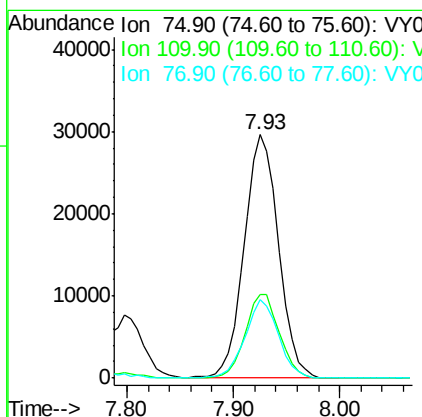
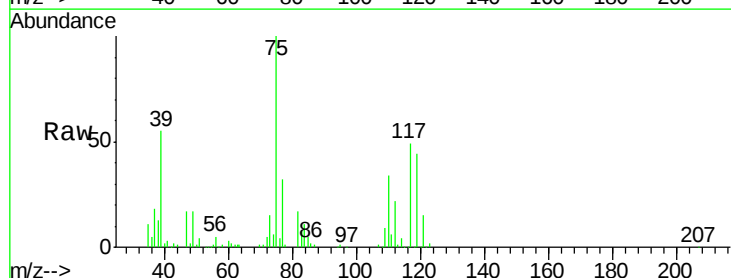
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

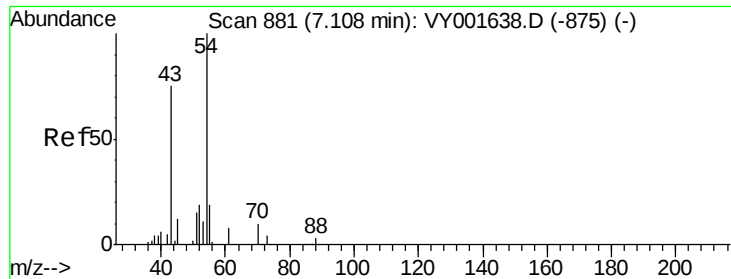
Tgt Ion:113 Resp: 92497
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.9 122.9
 192 18.3 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 19.89 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion: 75 Resp: 67259
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.2 51.6
 77 31.4 24.8 37.2

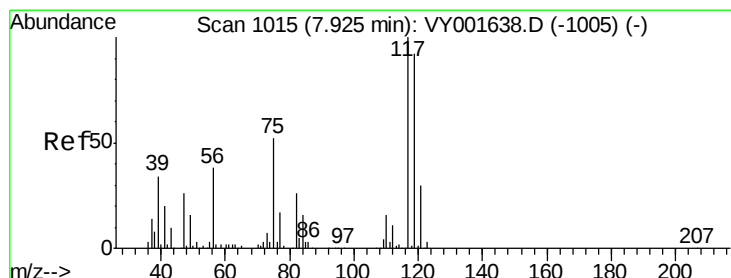
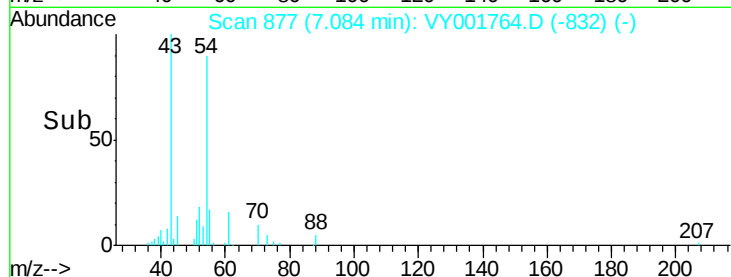
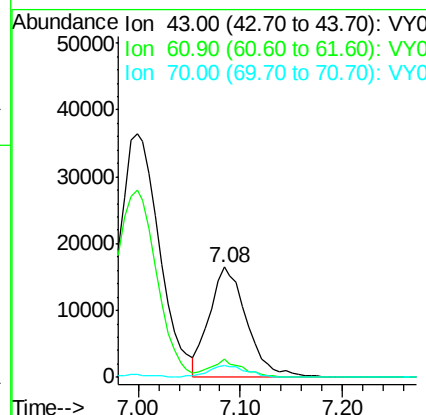
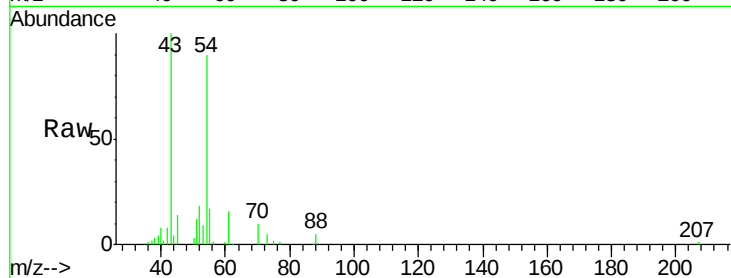




#37
Ethyl Acetate
Concen: 20.75 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

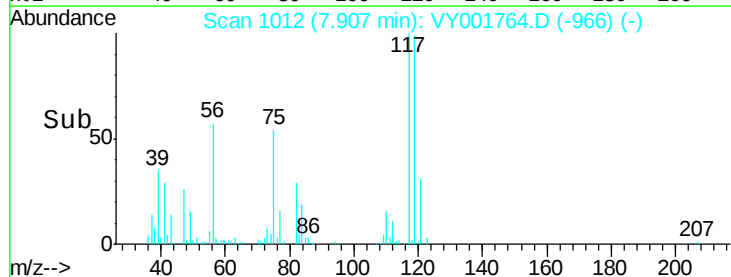
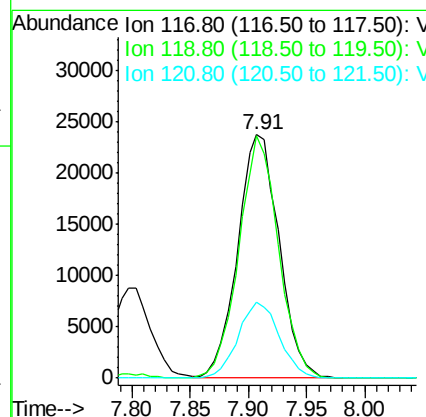
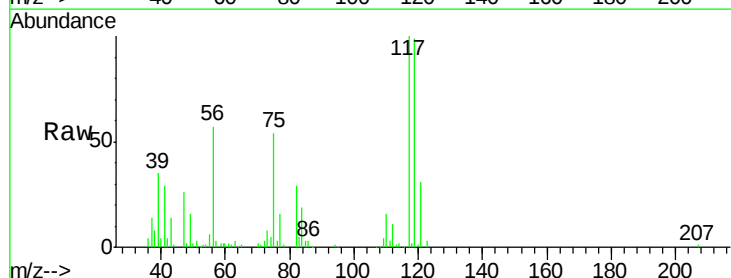
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

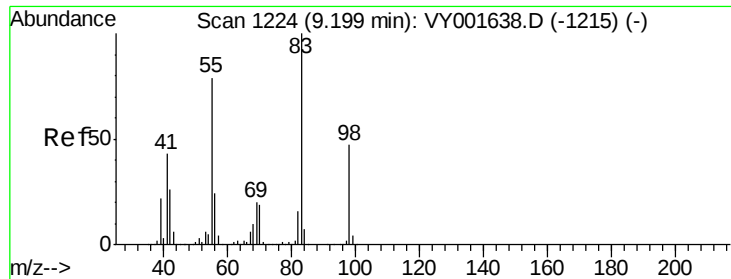
Tgt Ion: 43 Resp: 41887
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.6
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 19.81 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 117 Resp: 58850
Ion Ratio Lower Upper
117 100
119 99.3 74.8 112.2
121 31.1 23.8 35.6

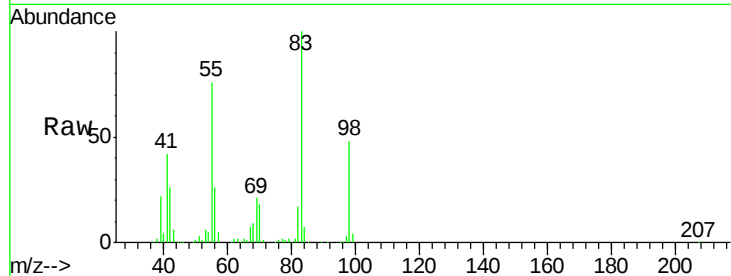




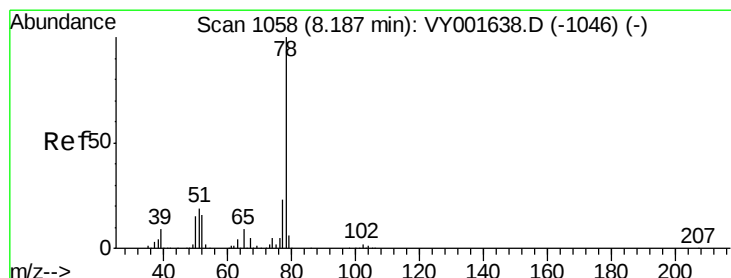
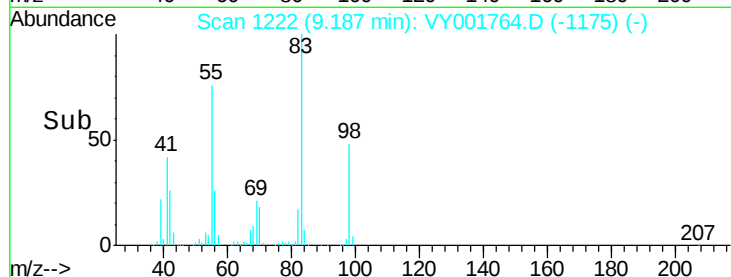
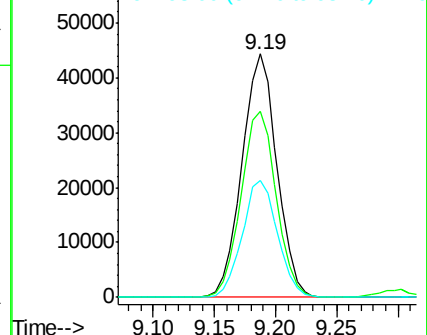
#39
Methylcyclohexane
Concen: 19.64 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tgt Ion: 83 Resp: 88104
Ion Ratio Lower Upper
83 100
55 76.4 61.3 91.9
98 48.2 38.0 57.0

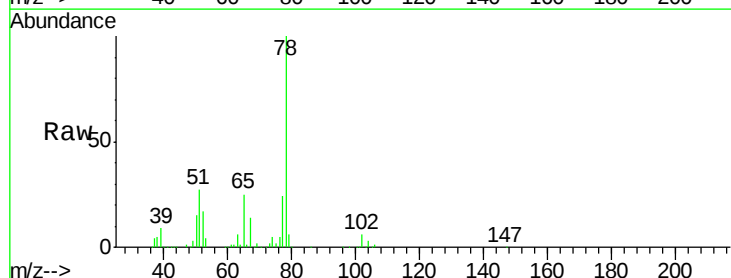


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

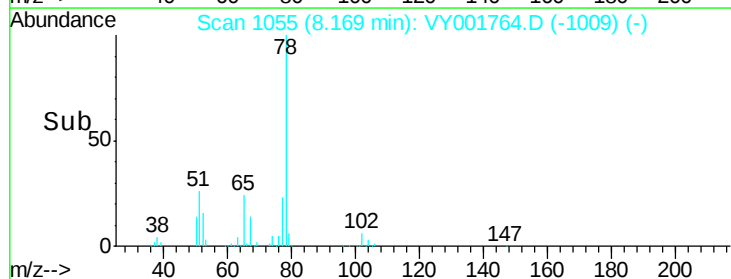
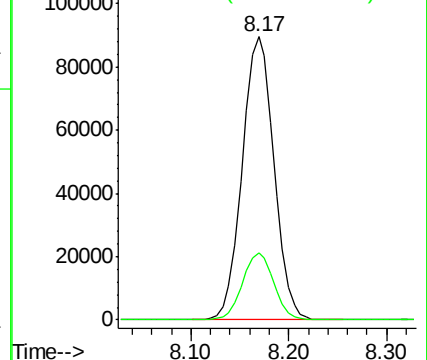


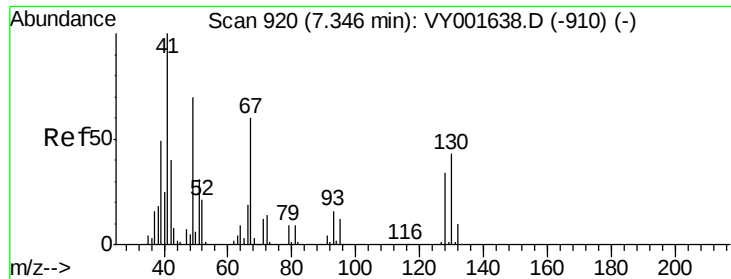
#40
Benzene
Concen: 20.21 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 78 Resp: 201039
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.4



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

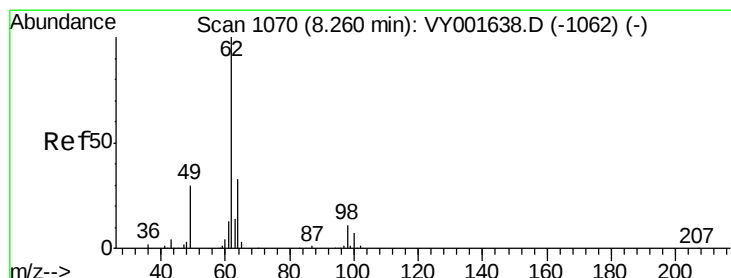
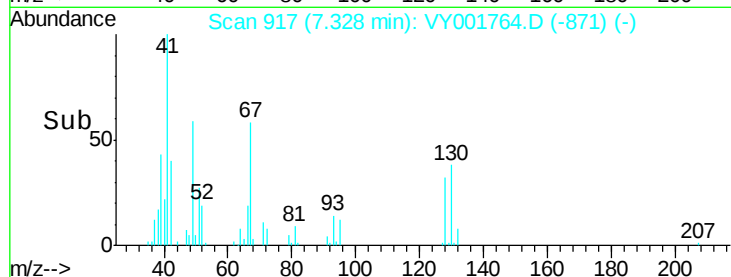
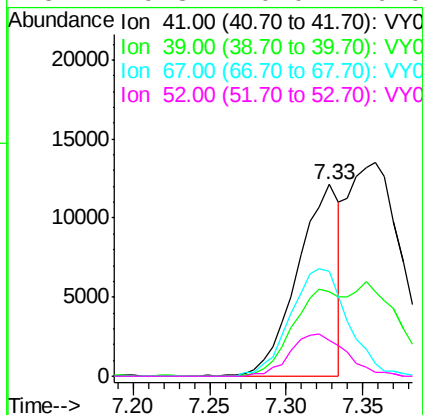
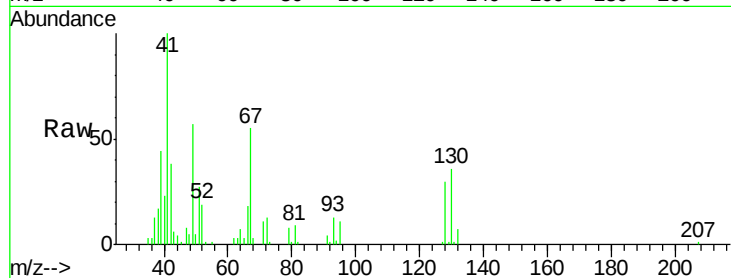




#41
Methacrylonitrile
Concen: 22.92 ug/l
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

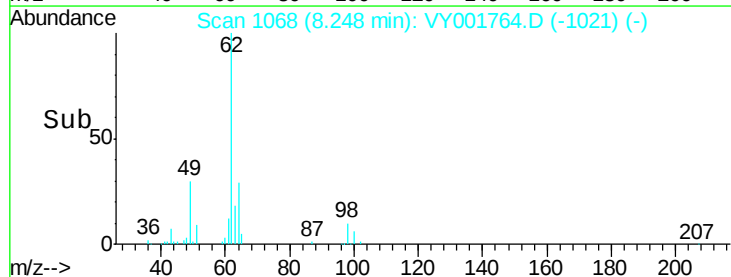
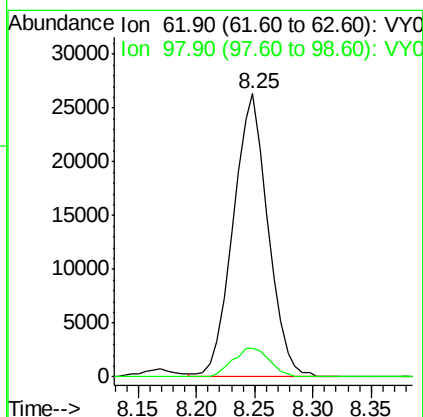
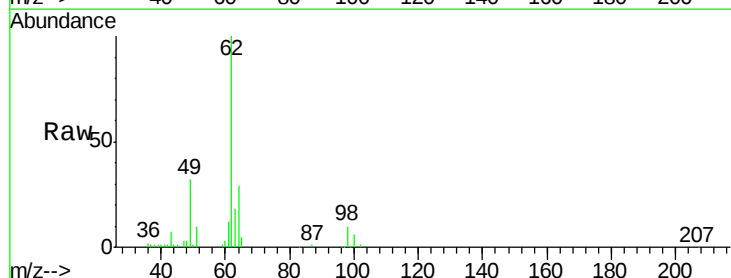
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBSD01

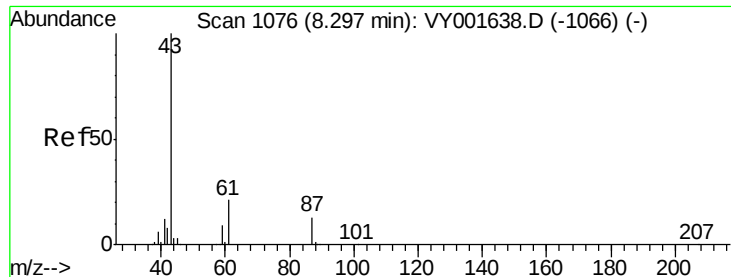
Tgt Ion: 41 Resp: 23231
Ion Ratio Lower Upper
41 100
39 57.3 36.0 54.0#
67 77.1 0.0 0.0#
52 29.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.26 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 62 Resp: 54898
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.8

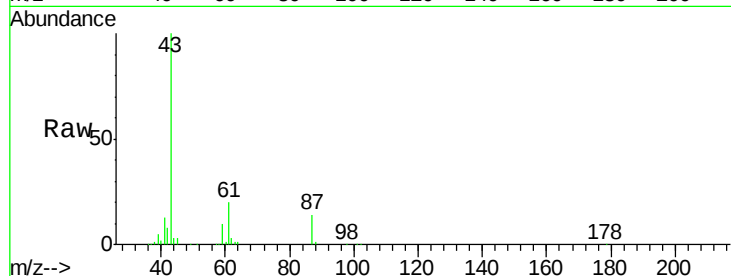




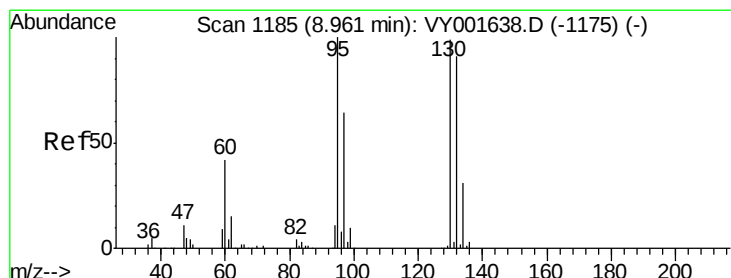
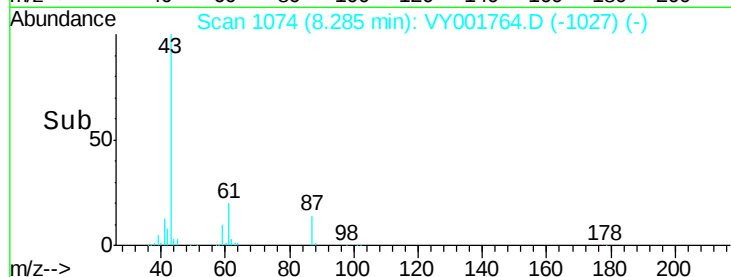
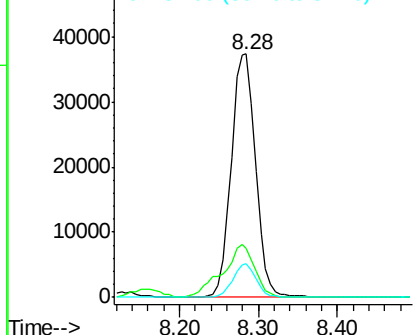
#43
Isopropyl Acetate
Concen: 20.95 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tgt Ion: 43 Resp: 80249
Ion Ratio Lower Upper
43 100
61 28.6 23.0 34.4
87 13.1 10.7 16.1

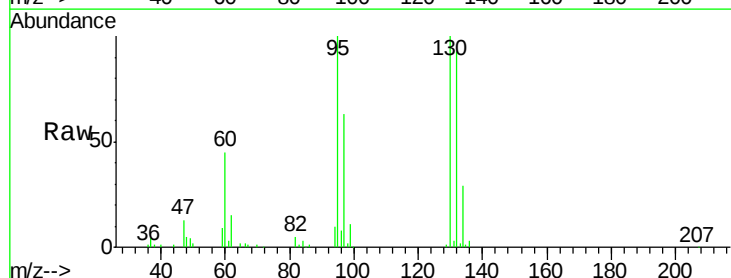


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

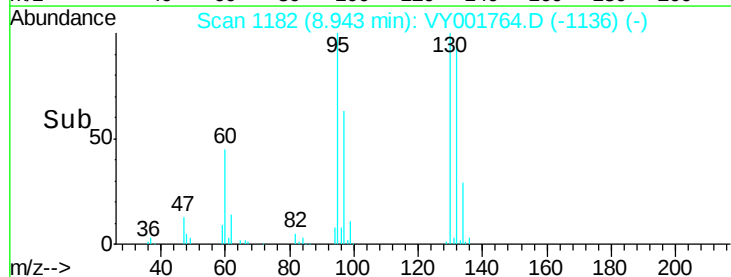
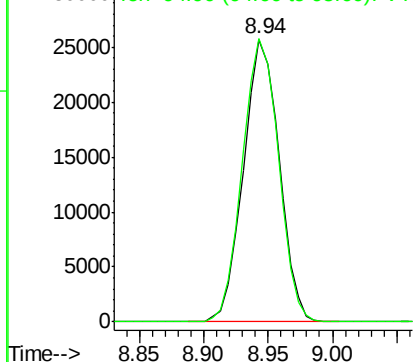


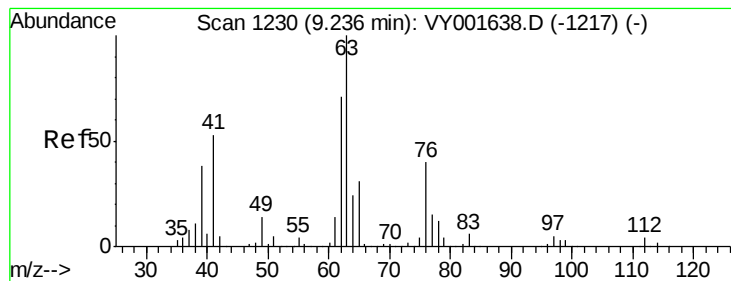
#44
Trichloroethene
Concen: 19.87 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 130 Resp: 49335
Ion Ratio Lower Upper
130 100
95 100.3 0.0 200.6



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





#45

1,2-Dichloropropane

Concen: 21.18 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

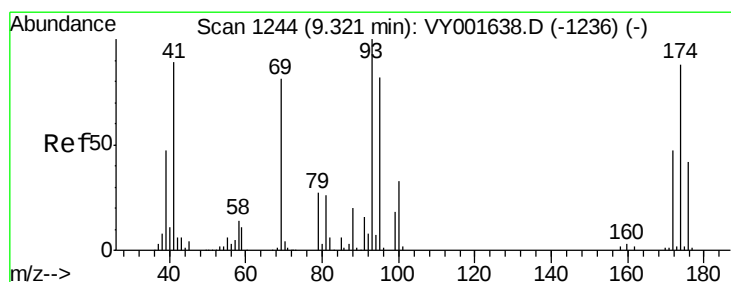
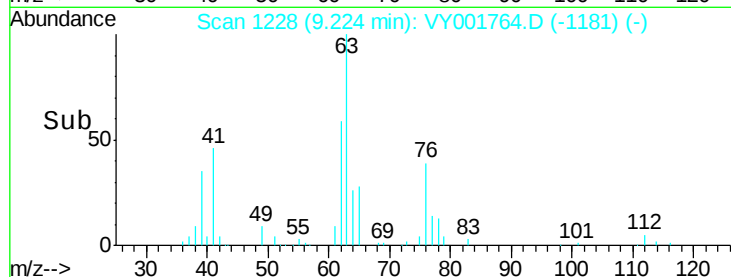
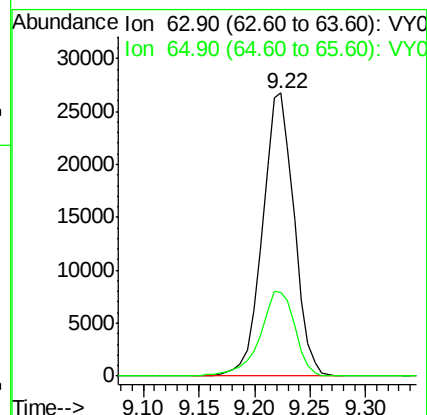
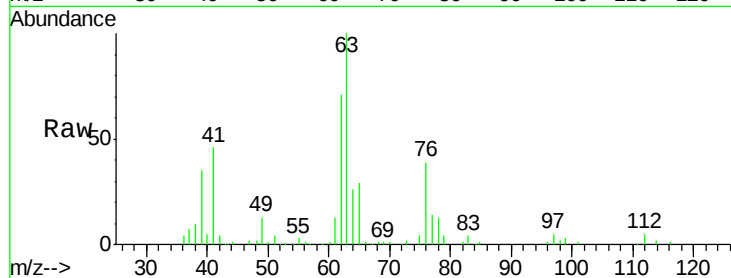
VY0224SBS01

Tgt Ion: 63 Resp: 52767

Ion Ratio Lower Upper

63 100

65 29.4 24.6 37.0



#46

Dibromomethane

Concen: 20.72 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

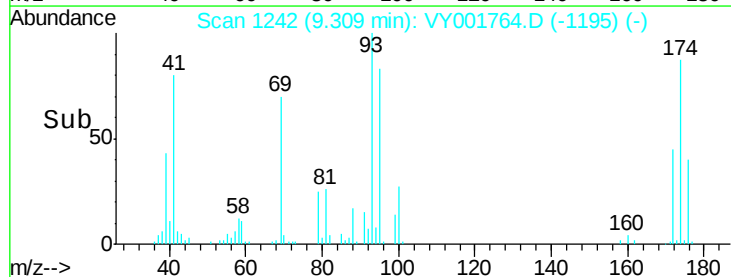
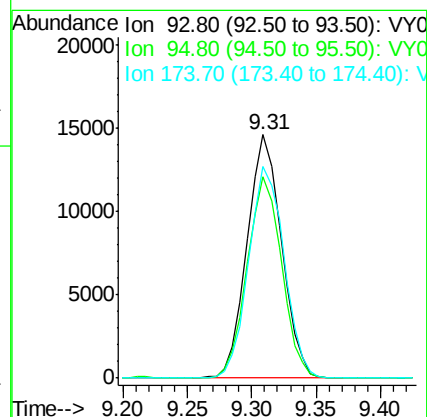
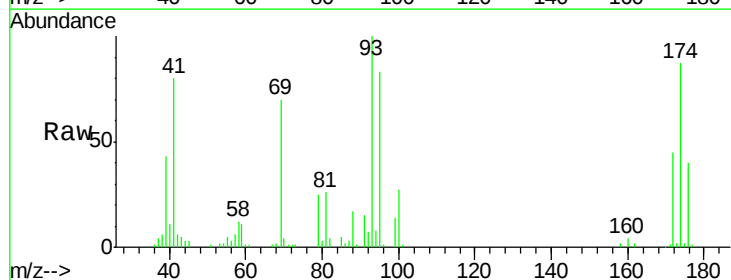
Tgt Ion: 93 Resp: 26991

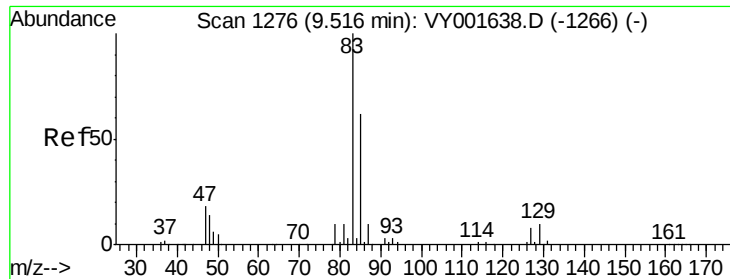
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 89.4 72.5 108.7

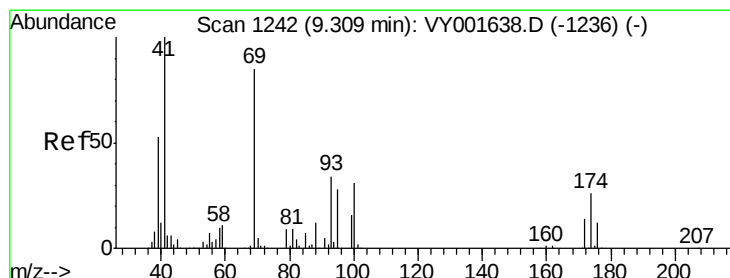
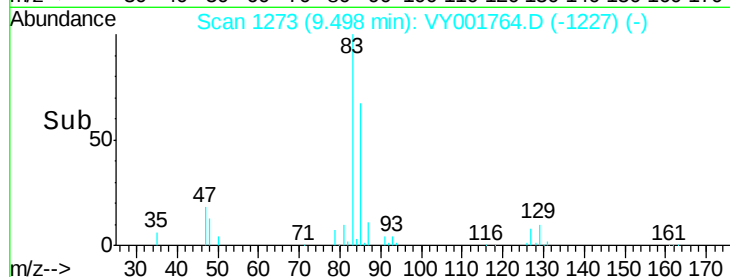
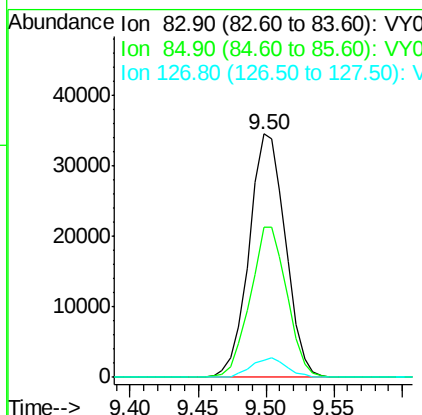
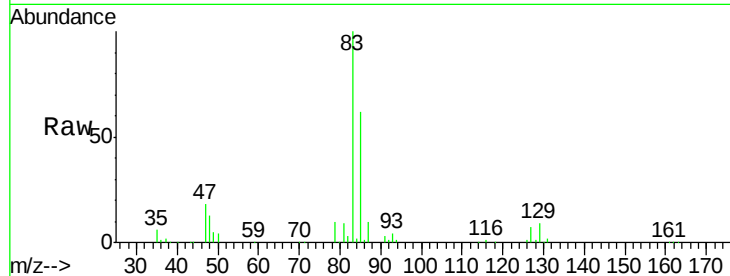




#47
Bromodichloromethane
Concen: 20.56 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

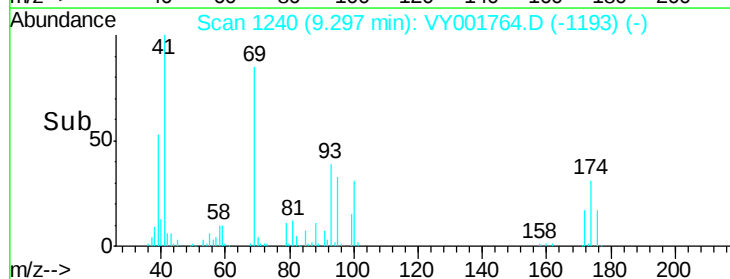
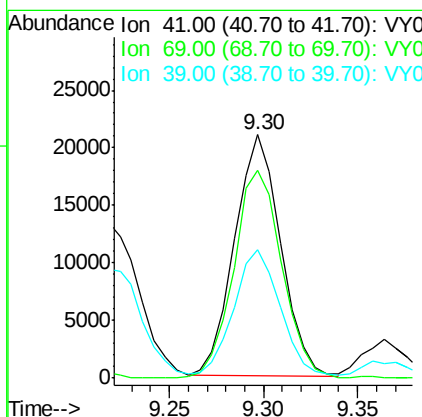
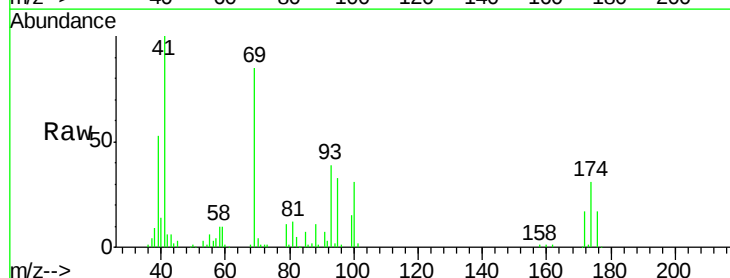
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

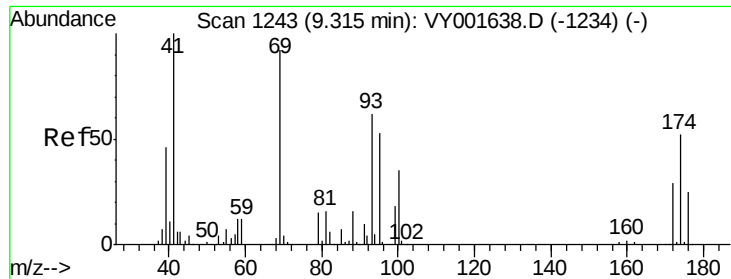
Tgt Ion: 83 Resp: 64648
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.0
127 6.9 6.4 9.6



#48
Methyl methacrylate
Concen: 20.45 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 41 Resp: 35413
Ion Ratio Lower Upper
41 100
69 90.3 70.7 106.1
39 55.3 42.2 63.2

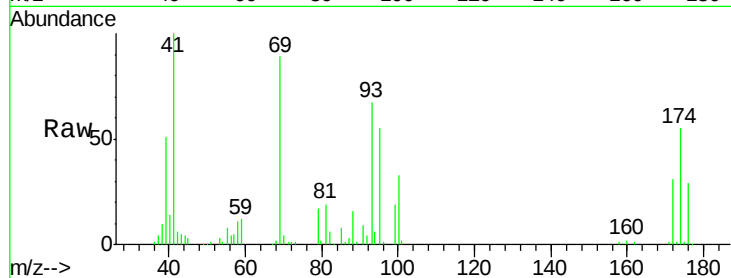




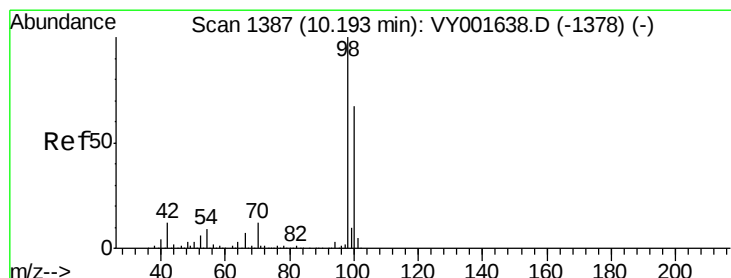
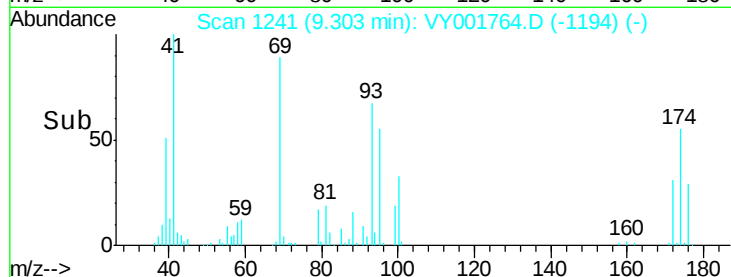
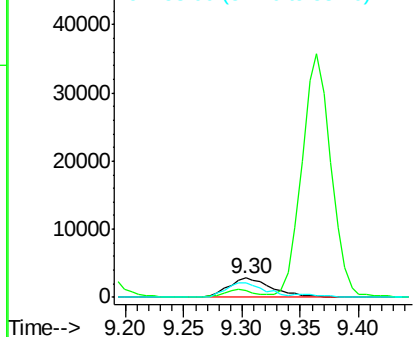
#49
1,4-Dioxane
Concen: 402.37 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

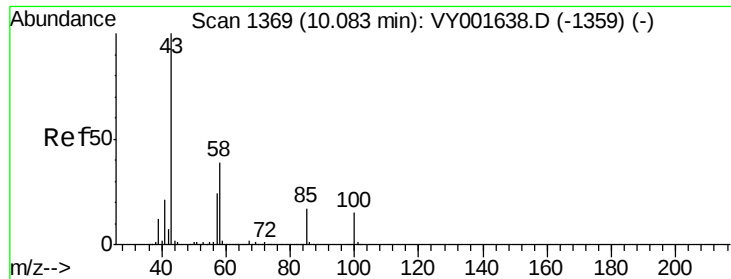
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tgt Ion: 88 Resp: 7404
Ion Ratio Lower Upper
88 100
43 28.6 23.1 34.7
58 78.1 58.1 87.1



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





#51

4-Methyl-2-Pentanone

Concen: 105.25 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

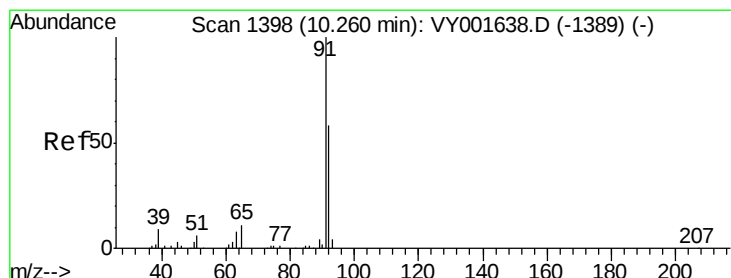
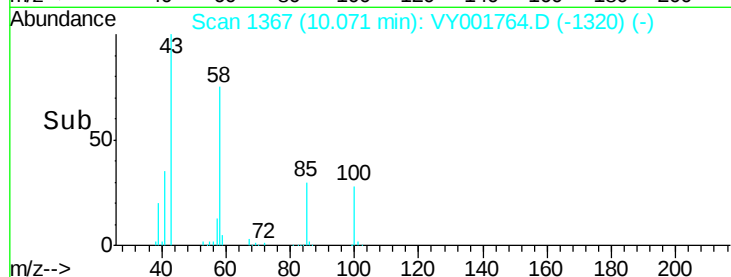
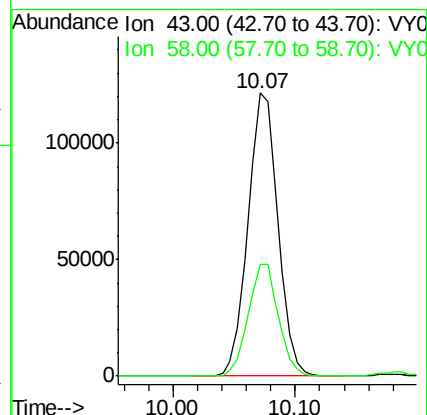
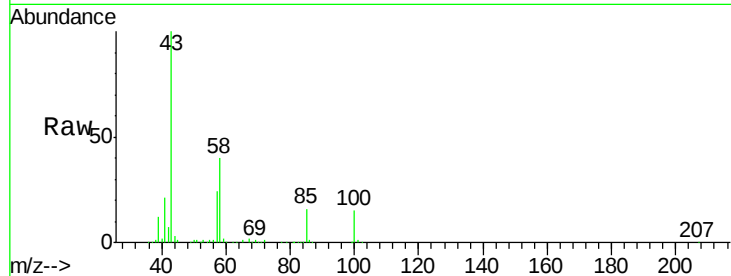
VY0224SBS01

Tgt Ion: 43 Resp: 207087

Ion Ratio Lower Upper

43 100

58 39.7 32.2 48.4



#52

Toluene

Concen: 20.34 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001764.D

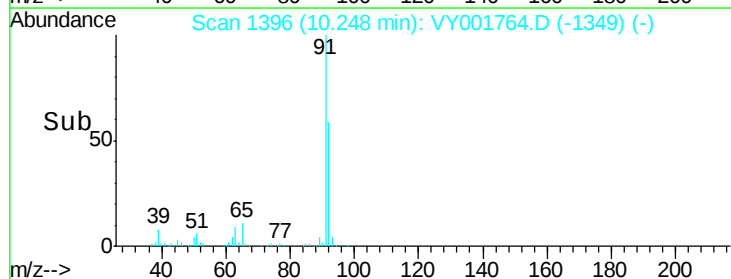
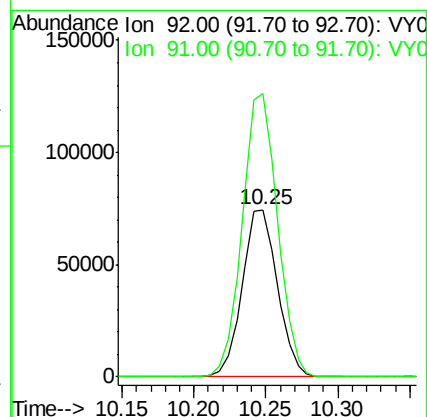
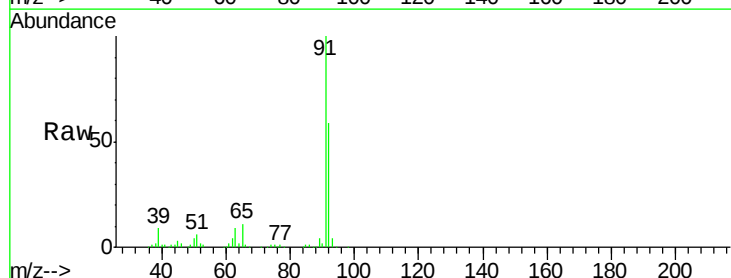
Acq: 24 Feb 2020 11:49

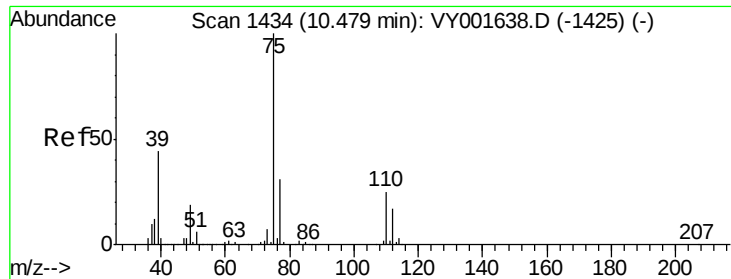
Tgt Ion: 92 Resp: 126188

Ion Ratio Lower Upper

92 100

91 169.9 137.0 205.6

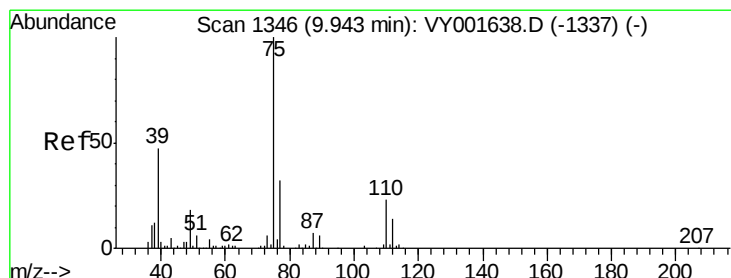
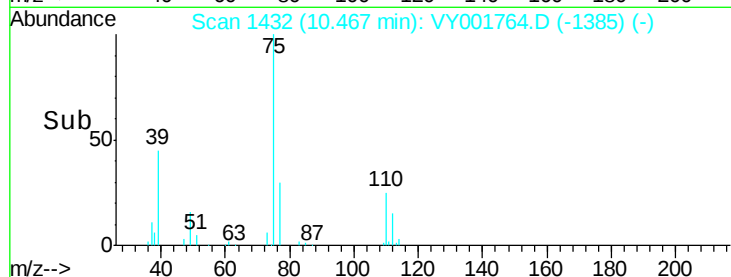
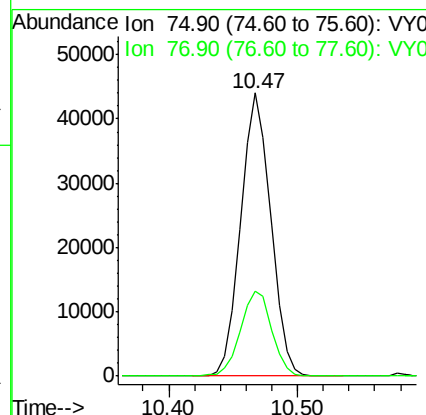
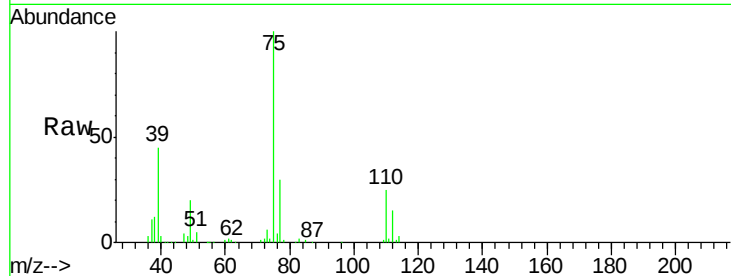




#53
 t-1,3-Dichloropropene
 Concen: 20.42 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

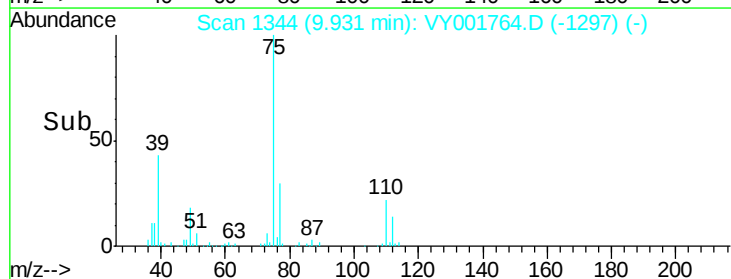
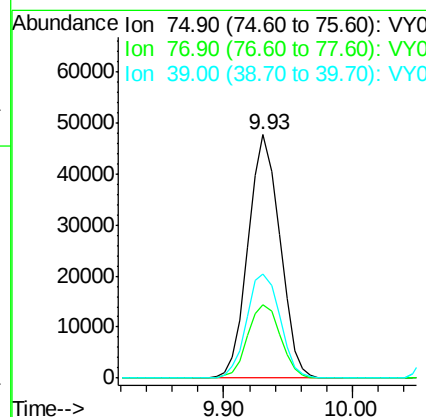
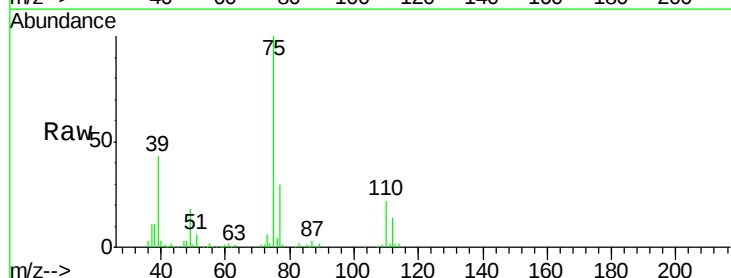
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

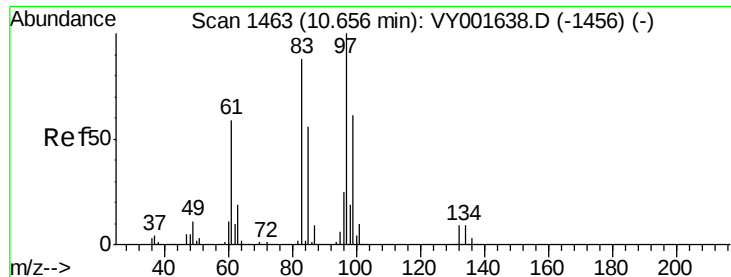
Tgt Ion: 75 Resp: 70978
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.30 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion: 75 Resp: 81207
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.7 38.5
 39 42.7 35.7 53.5

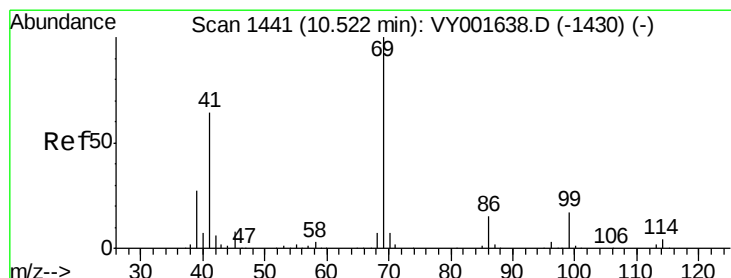
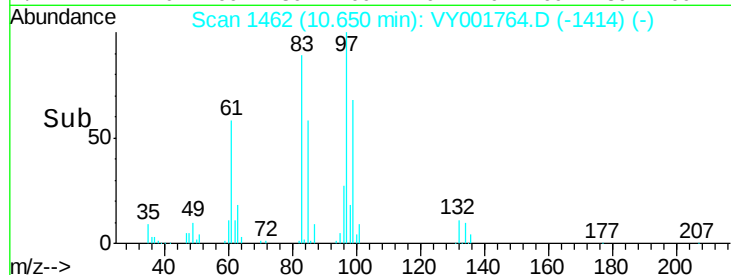
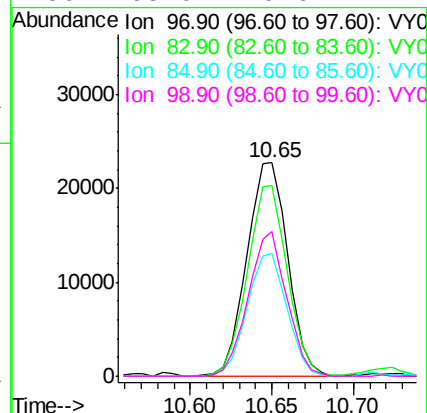
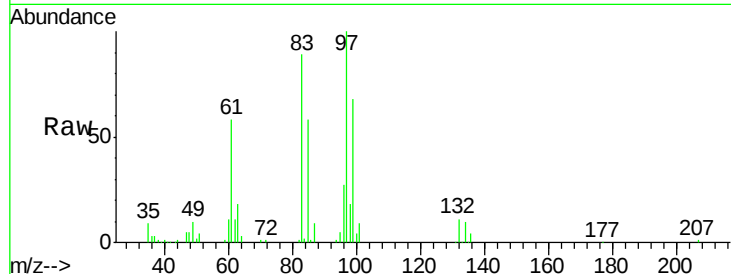




#55
 1,1,2-Trichloroethane
 Concen: 20.68 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

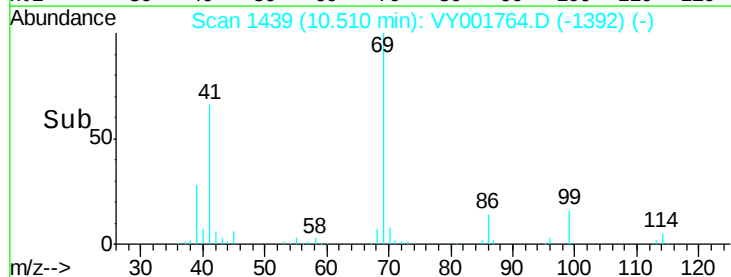
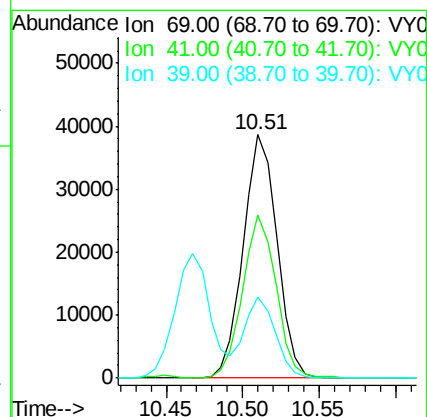
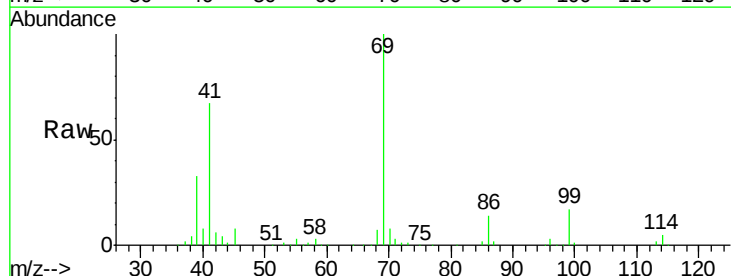
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

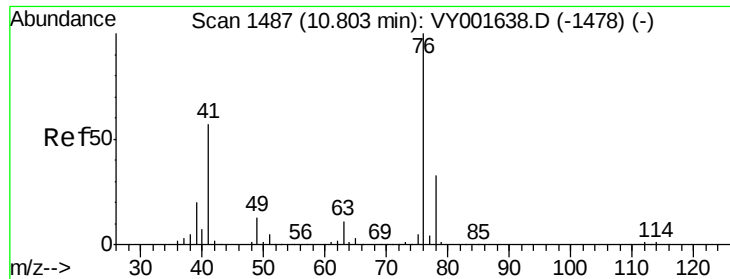
Tgt Ion: 97 Resp: 39724
 Ion Ratio Lower Upper
 97 100
 83 89.0 69.7 104.5
 85 57.7 44.5 66.7
 99 68.0 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 20.63 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion: 69 Resp: 59446
 Ion Ratio Lower Upper
 69 100
 41 65.8 51.0 76.4
 39 30.4 24.7 37.1





#57

1,3-Dichloropropane

Concen: 20.99 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

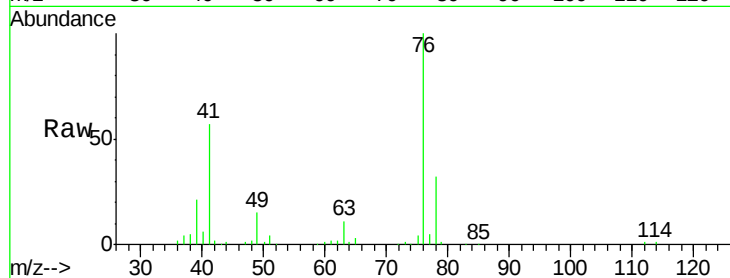
VY0224SBS01

Tgt Ion: 76 Resp: 71654

Ion Ratio Lower Upper

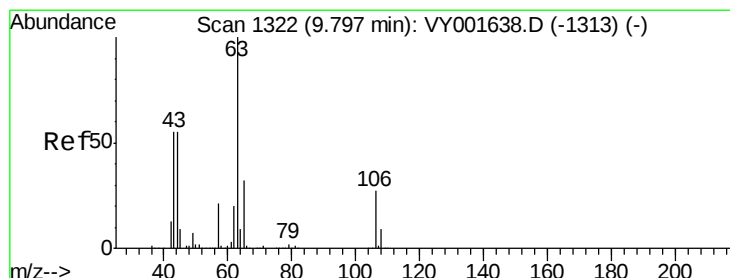
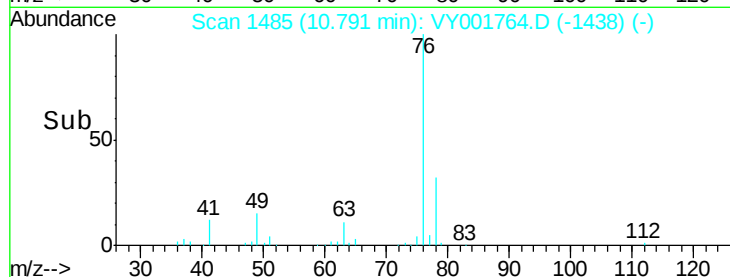
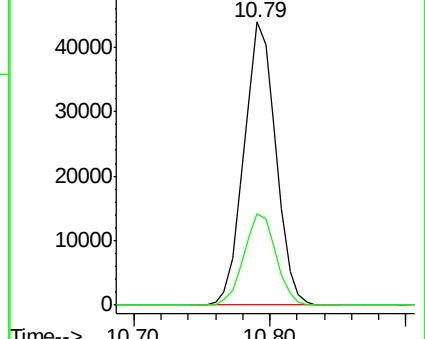
76 100

78 32.4 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 132.98 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY001764.D

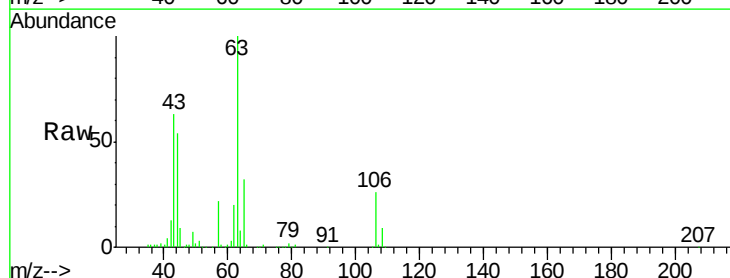
Acq: 24 Feb 2020 11:49

Tgt Ion: 63 Resp: 153828

Ion Ratio Lower Upper

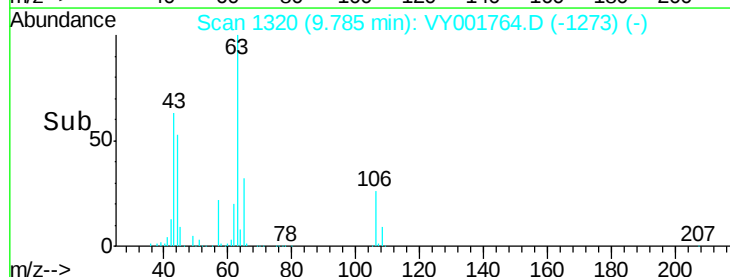
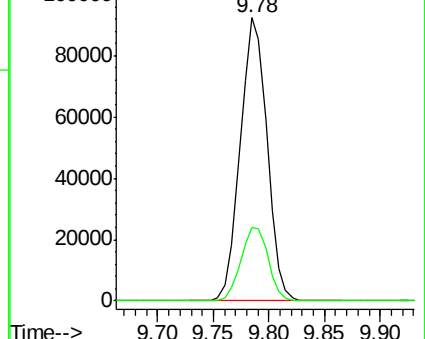
63 100

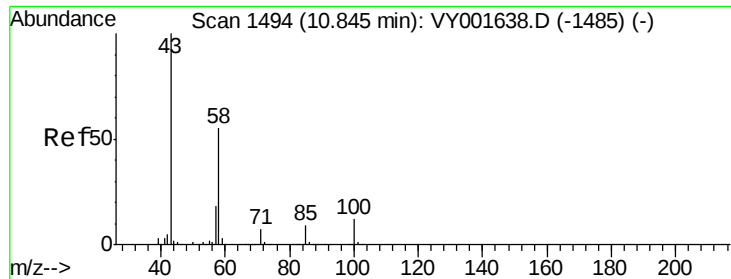
106 26.5 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

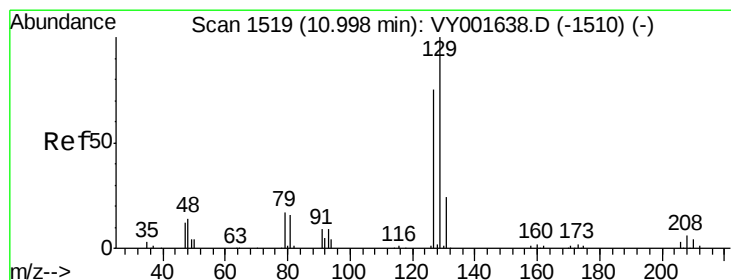
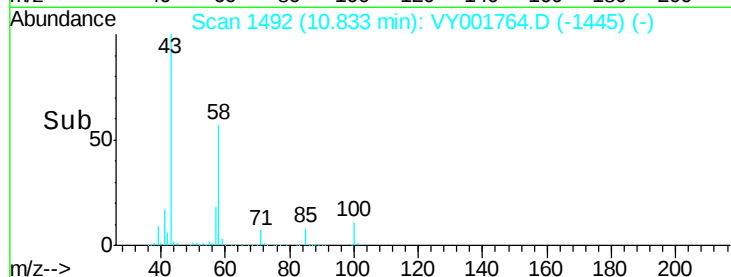
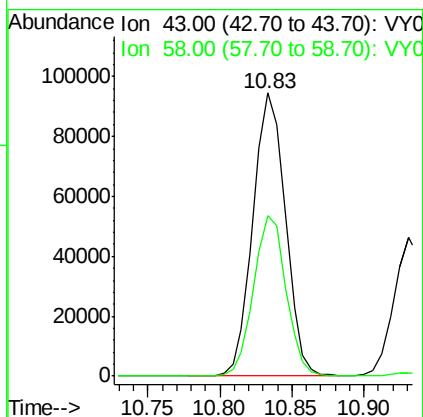
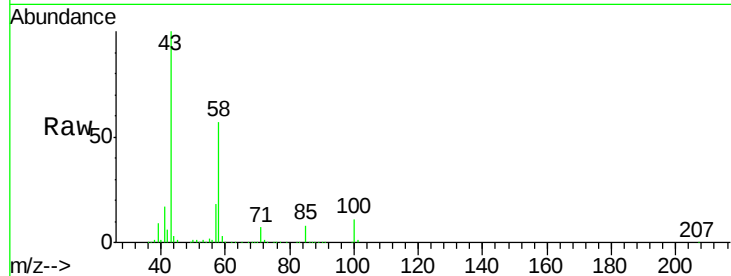




#59
2-Hexanone
Concen: 99.81 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

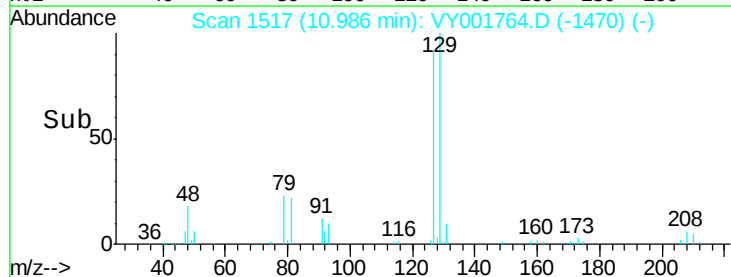
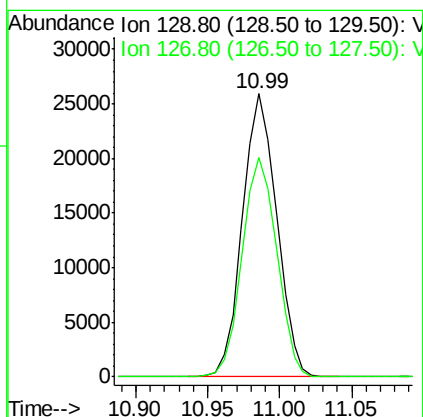
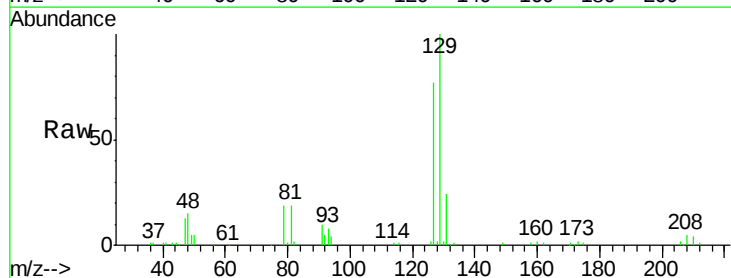
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

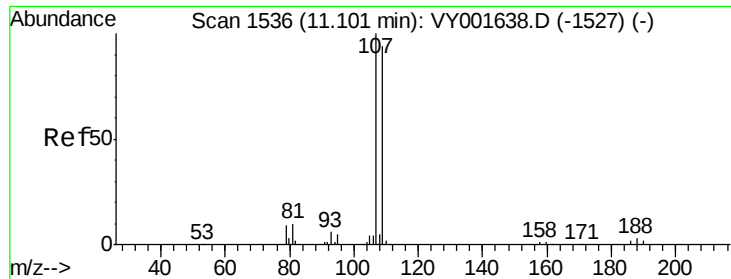
Tgt Ion: 43 Resp: 147355
Ion Ratio Lower Upper
43 100
58 56.5 28.4 85.2



#60
Dibromochloromethane
Concen: 20.17 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 129 Resp: 42712
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6

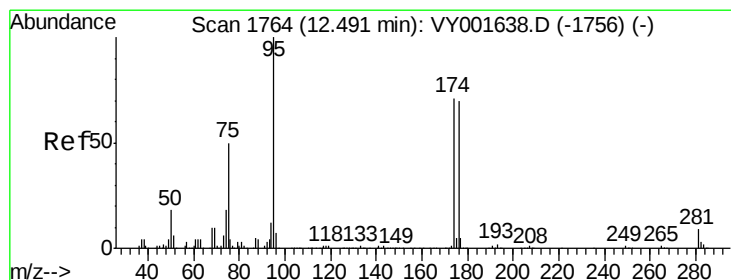
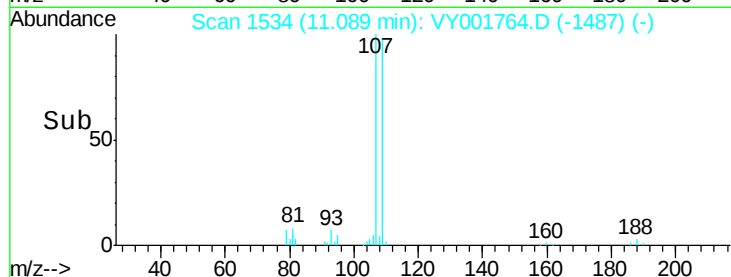
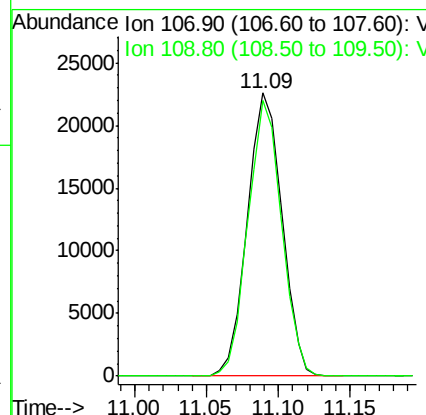
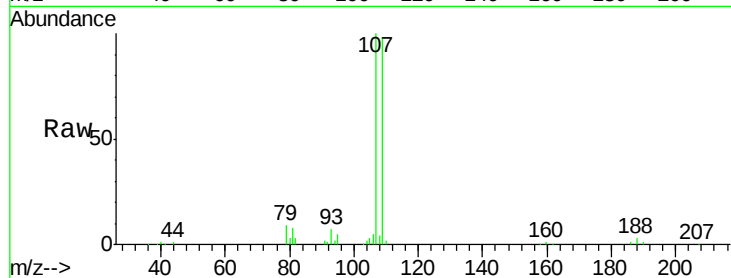




#61
 1,2-Dibromoethane
 Concen: 20.72 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

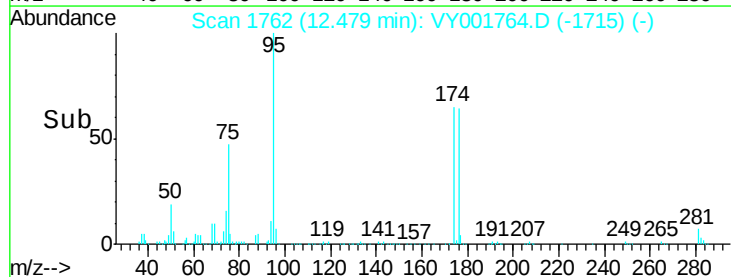
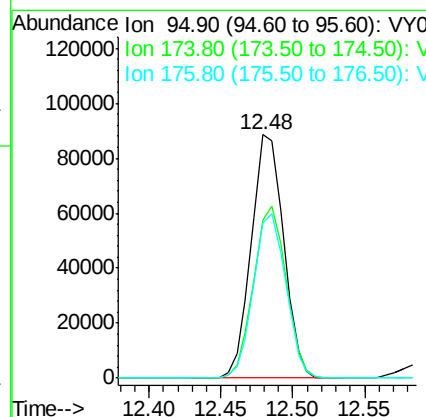
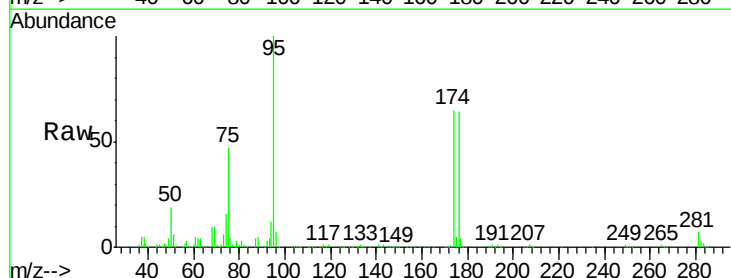
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

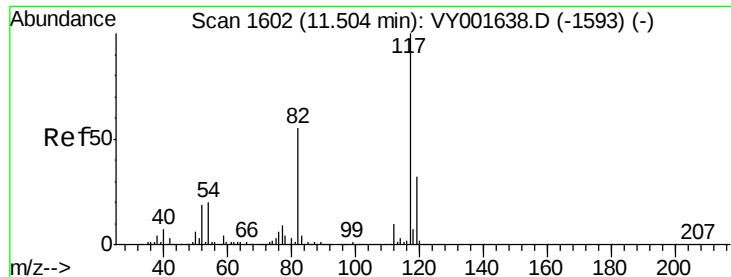
Tgt Ion: 107 Resp: 37629
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 44.53 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion: 95 Resp: 137437
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 138.4
 176 67.9 0.0 131.8

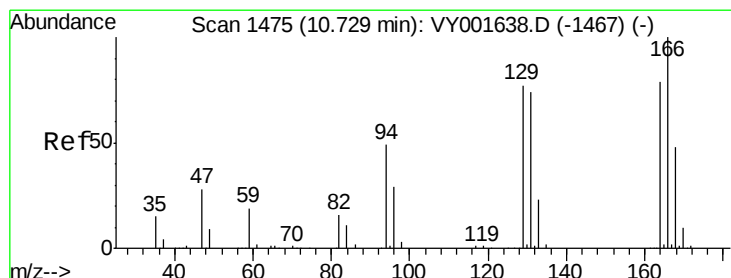
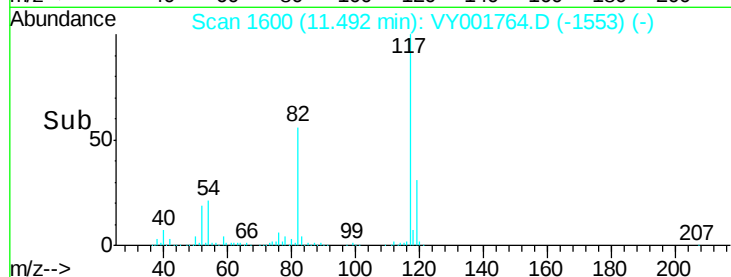
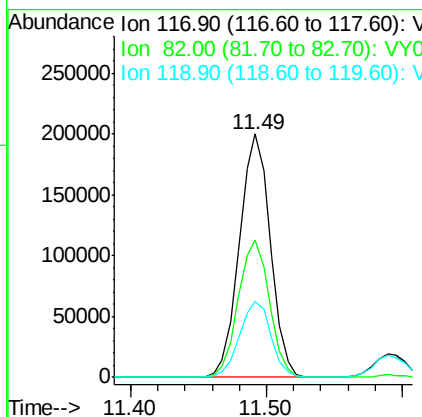
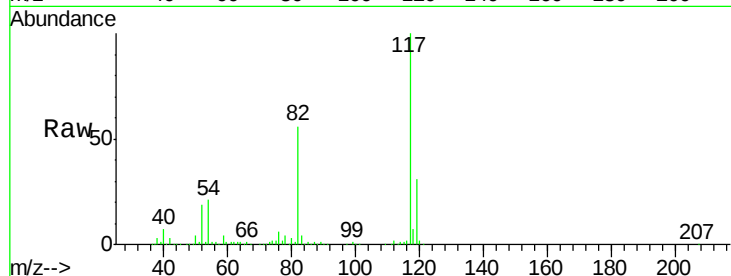




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

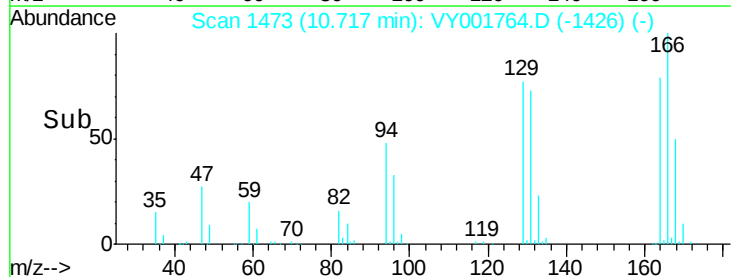
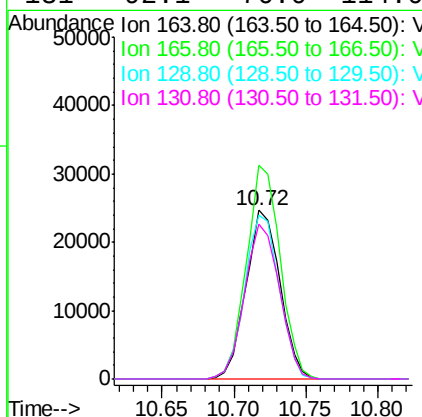
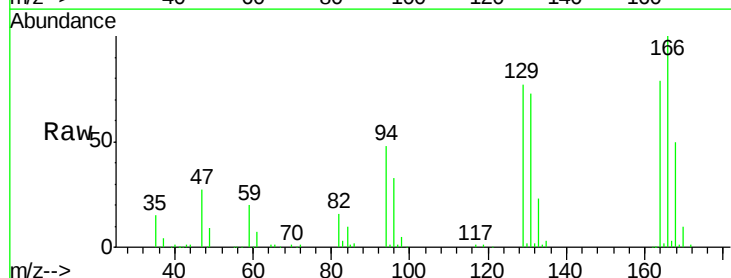
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBSD01

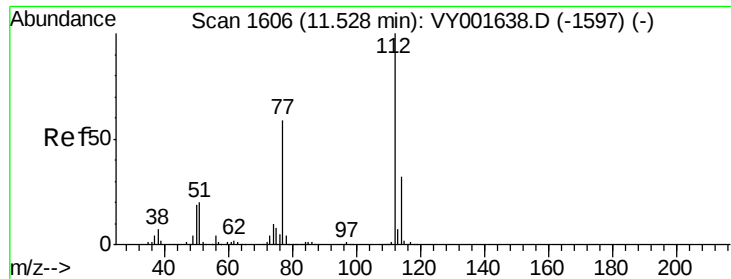
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.5	68.3
119	31.2	25.8	38.6



#64
Tetrachloroethene
Concen: 20.30 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.4	152.0
129	96.8	78.7	118.1
131	92.1	76.0	114.0

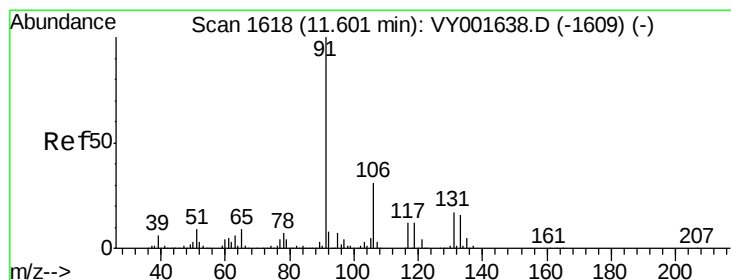
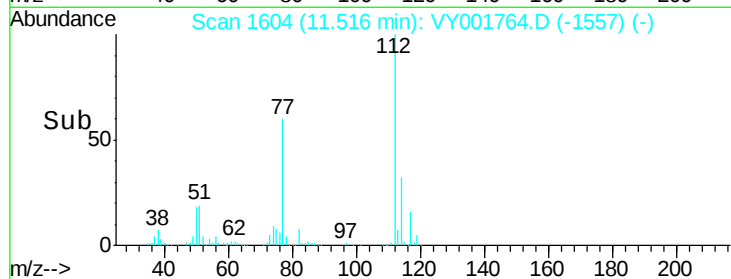
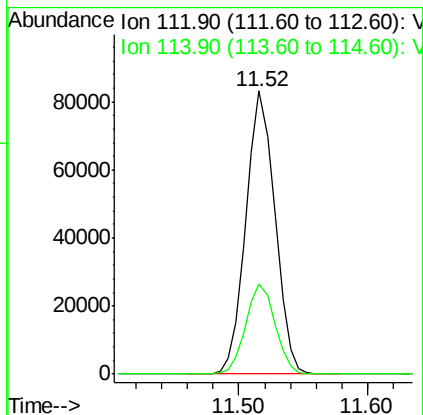
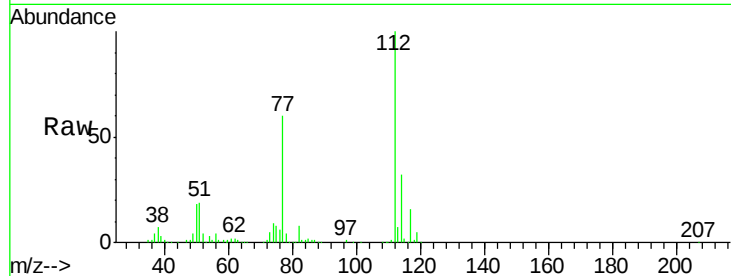




#65
Chlorobenzene
Concen: 20.43 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

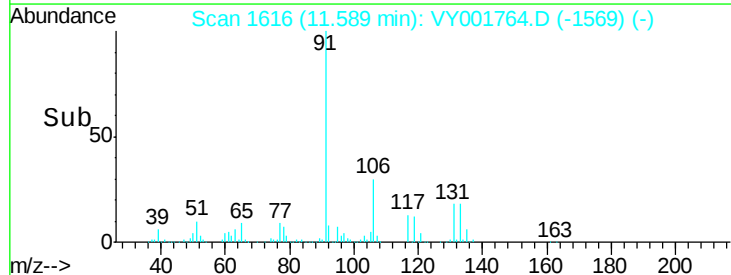
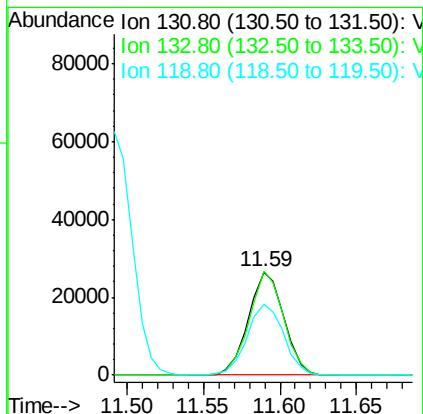
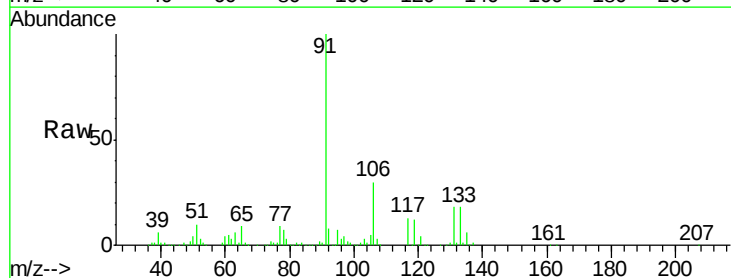
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

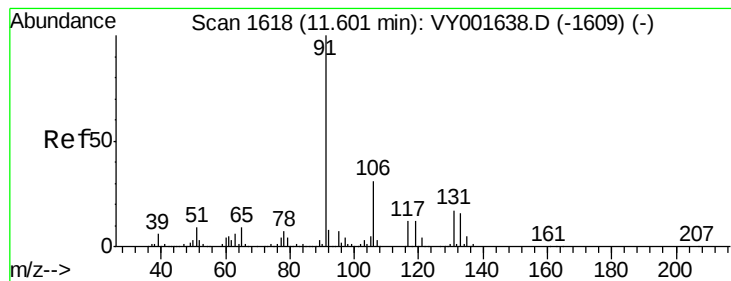
Tgt Ion:112 Resp: 129244
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.03 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion:131 Resp: 42763
Ion Ratio Lower Upper
131 100
133 97.3 47.4 142.2
119 70.4 34.4 103.1





#67

Ethyl Benzene

Concen: 20.51 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

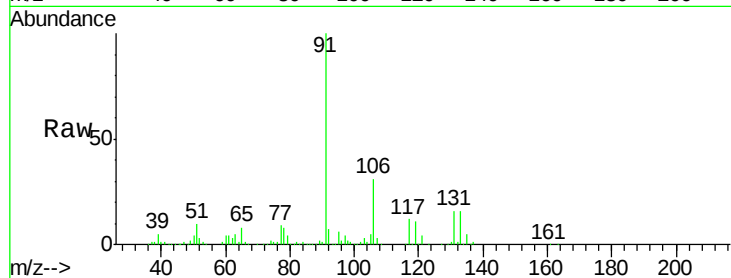
VY0224SBS01

Tgt Ion: 91 Resp: 240787

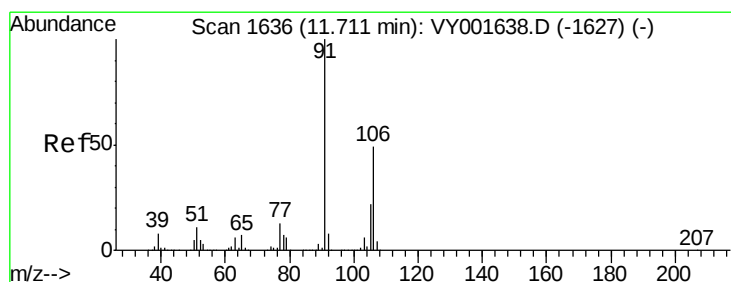
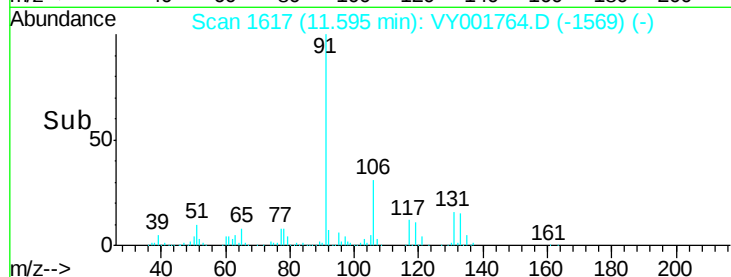
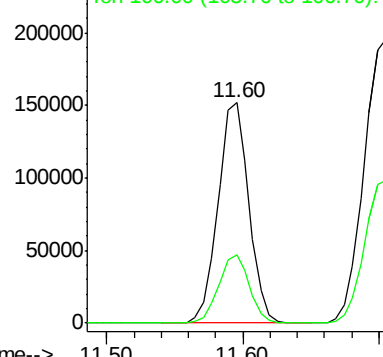
Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1609) (-)



#68

m/p-Xylenes

Concen: 41.19 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001764.D

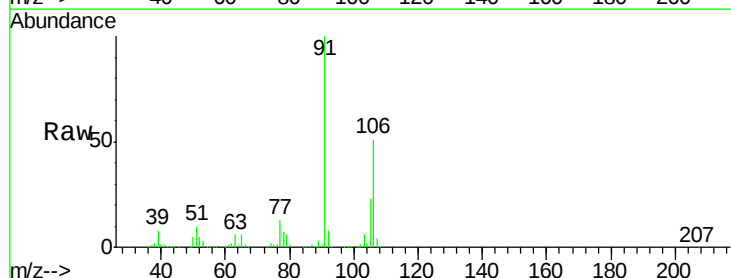
Acq: 24 Feb 2020 11:49

Tgt Ion: 106 Resp: 180666

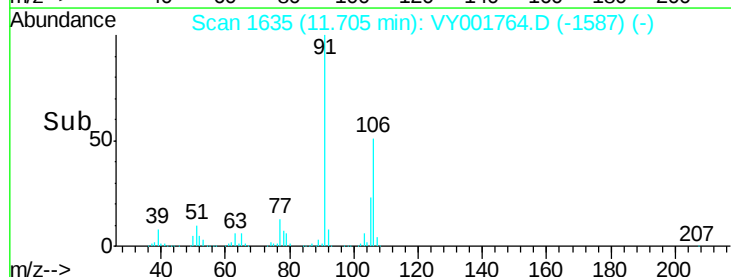
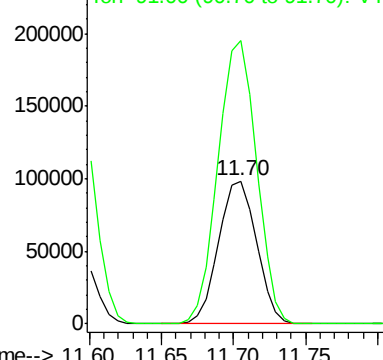
Ion Ratio Lower Upper

106 100

91 200.7 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VY001638.D (-1627) (-)

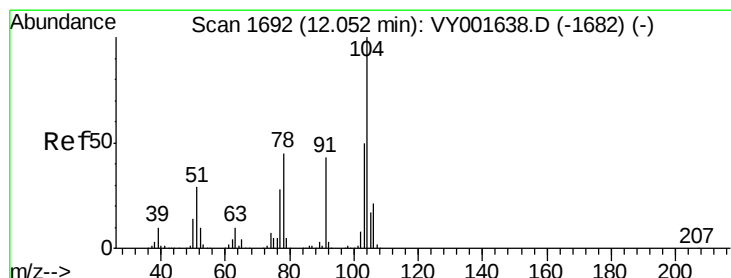
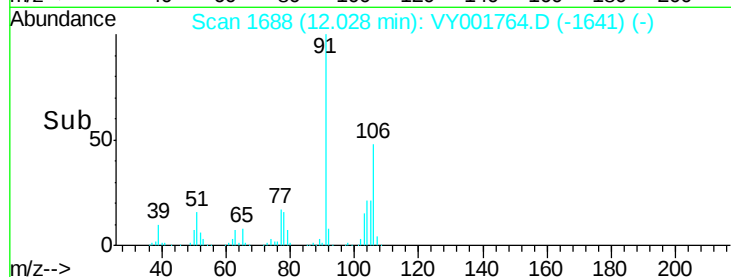
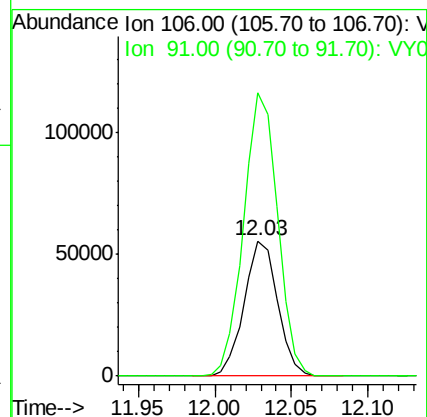
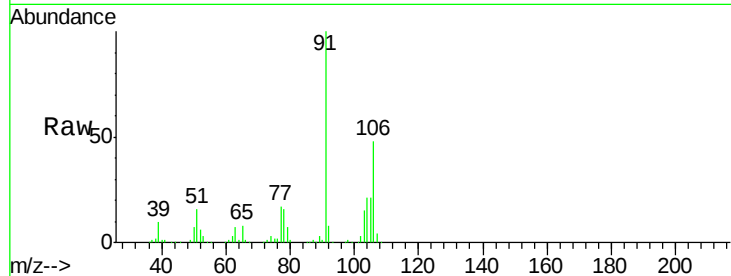




#69
o-Xylene
Concen: 20.25 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

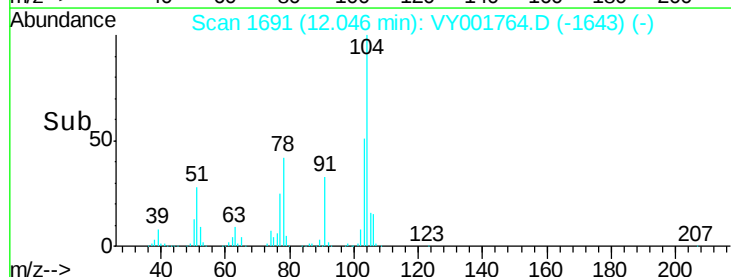
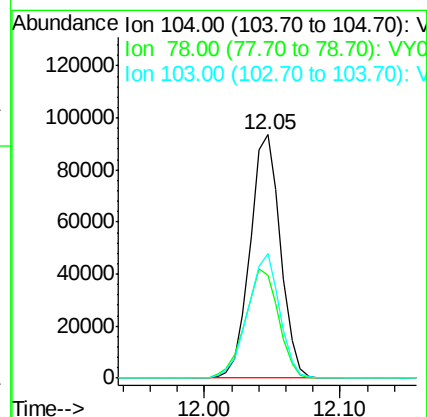
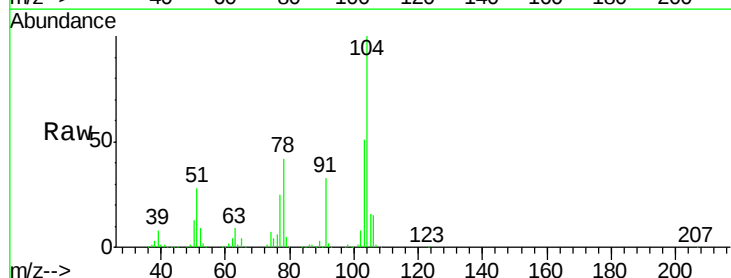
Instrument :
MSVOA_Y
ClientSampled :
VY0224SBS01

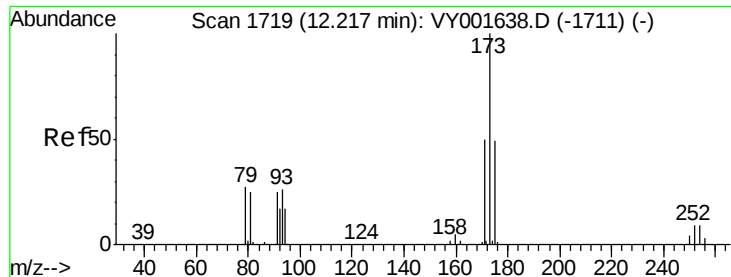
Tgt Ion:106 Resp: 84434
Ion Ratio Lower Upper
106 100
91 213.5 108.3 324.9



#70
Styrene
Concen: 20.23 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion:104 Resp: 146617
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 53.4 43.0 64.6





#71

Bromoform

Concen: 19.81 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

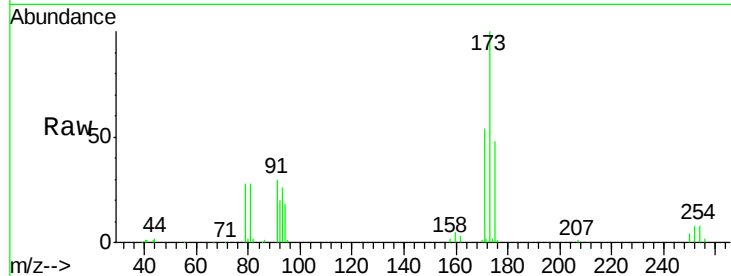
Tgt Ion:173 Resp: 24166

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

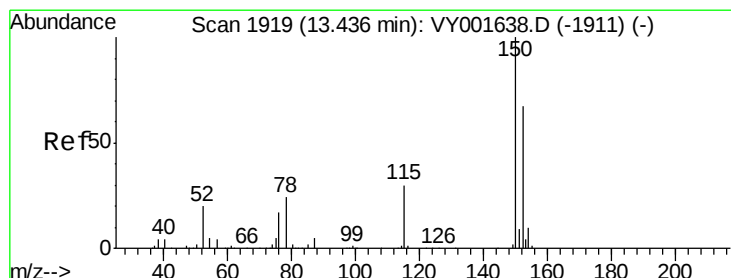
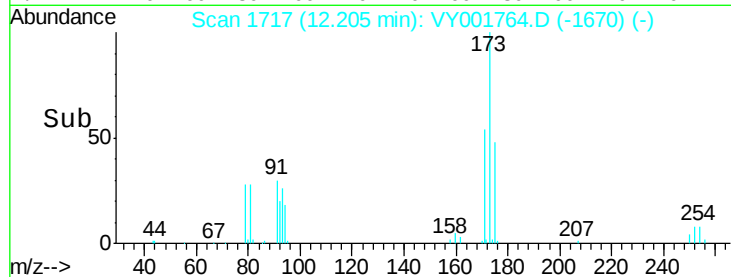
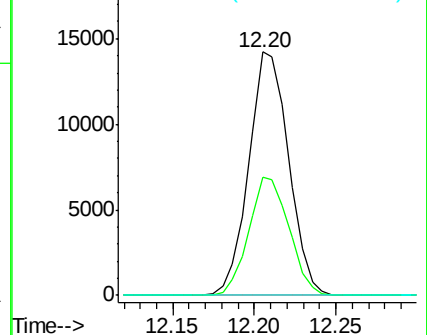
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

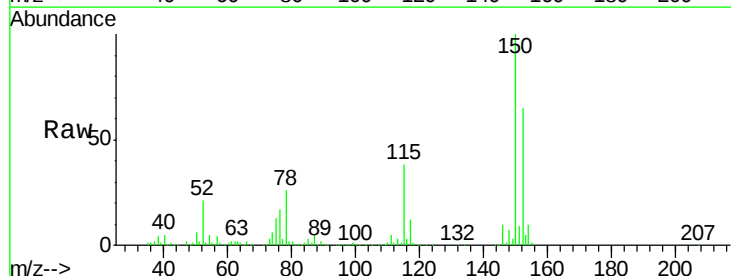
Tgt Ion:152 Resp: 150542

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

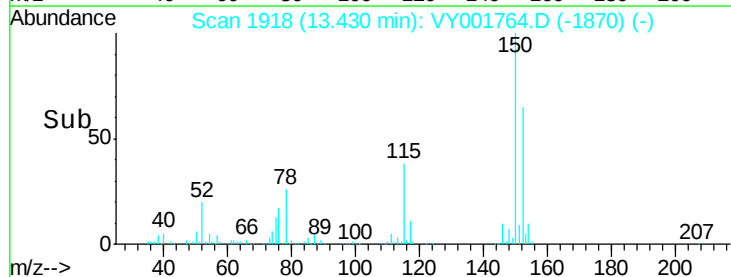
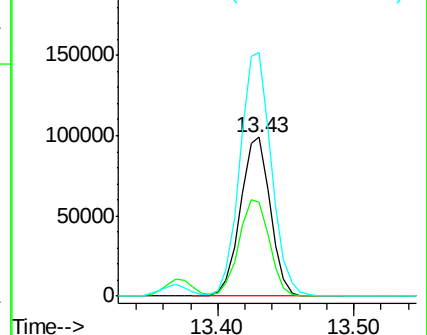
150 161.9 0.0 407.2

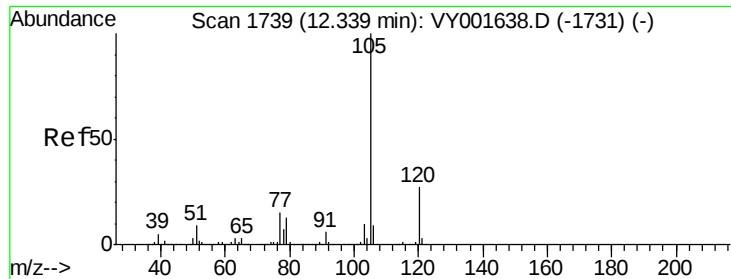


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.04 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

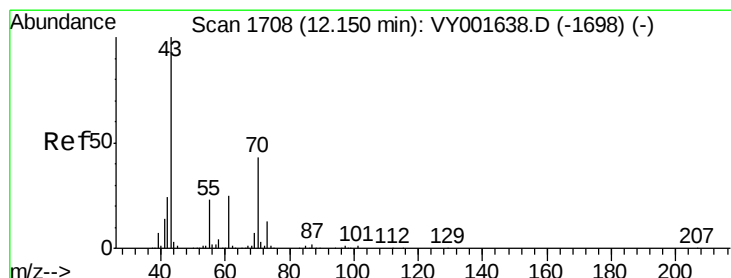
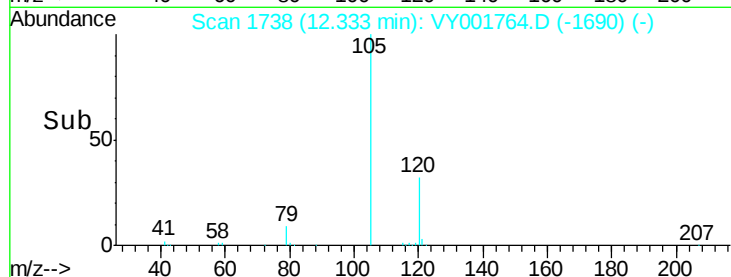
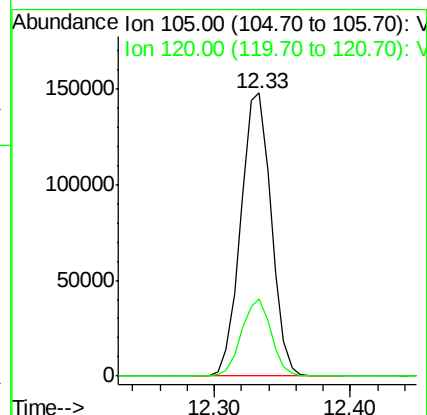
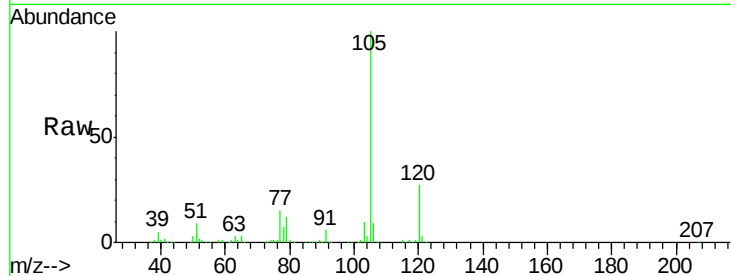
VY0224SBS01

Tgt Ion: 105 Resp: 229881

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 20.68 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Tgt Ion: 43 Resp: 75695

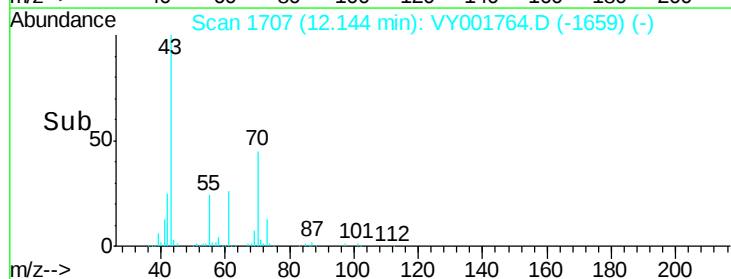
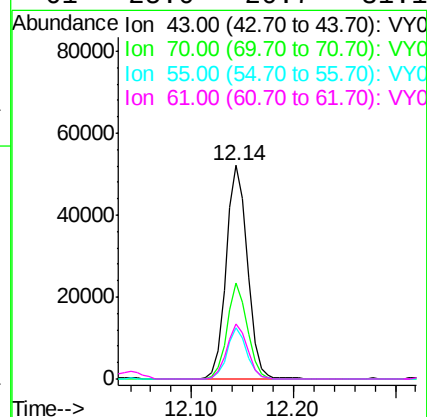
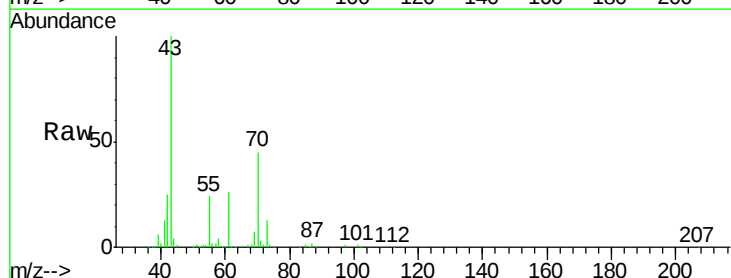
Ion Ratio Lower Upper

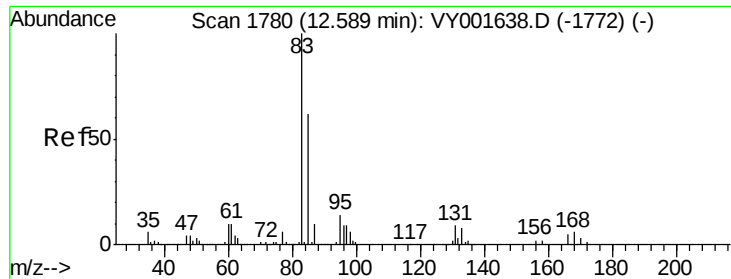
43 100

70 42.6 35.9 53.9

55 22.5 18.3 27.5

61 25.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.46 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

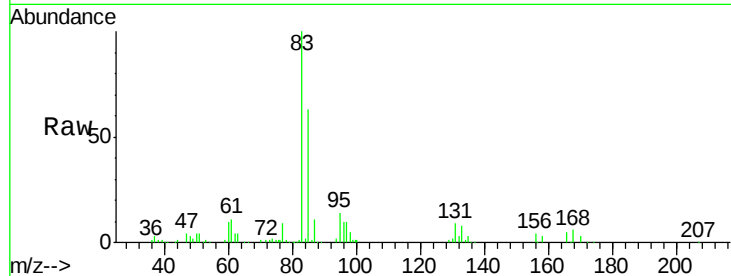
Tgt Ion: 83 Resp: 50113

Ion Ratio Lower Upper

83 100

131 9.9 4.7 14.1

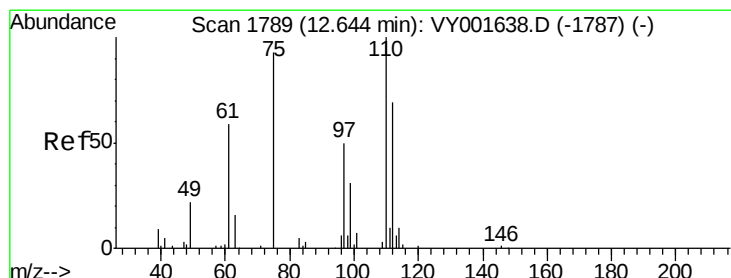
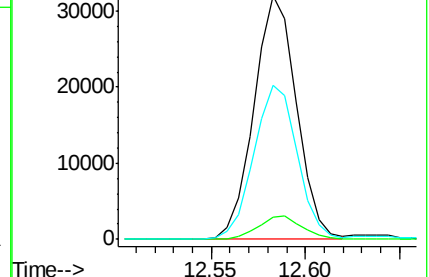
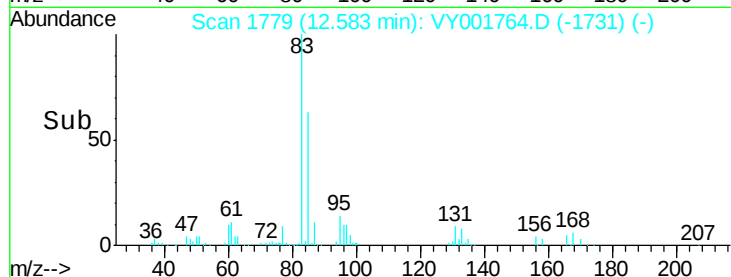
85 64.6 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.86 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY001764.D

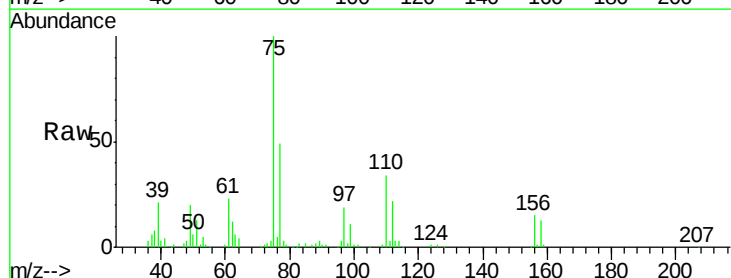
Acq: 24 Feb 2020 11:49

Tgt Ion: 75 Resp: 65385

Ion Ratio Lower Upper

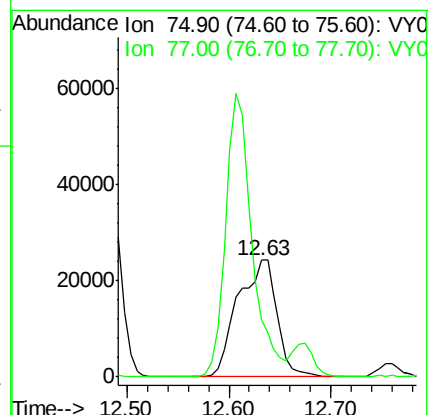
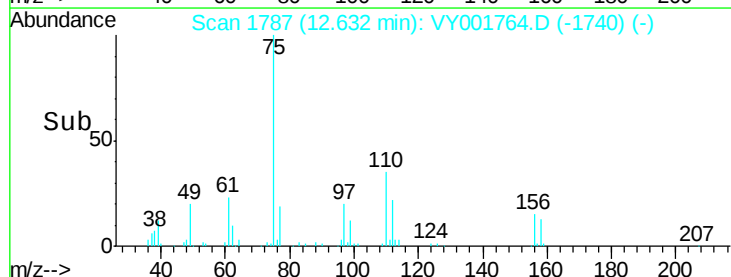
75 100

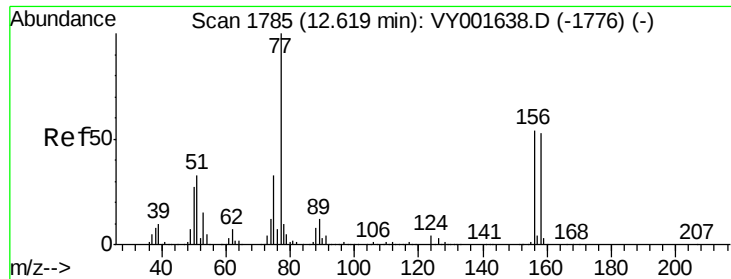
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

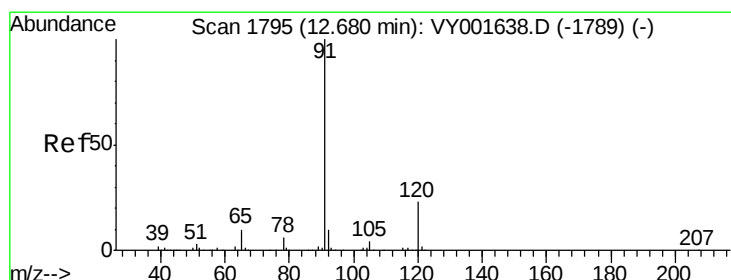
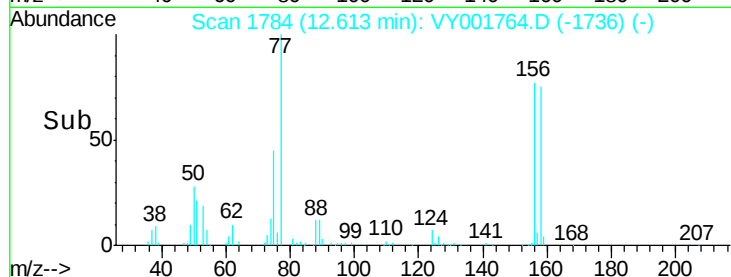
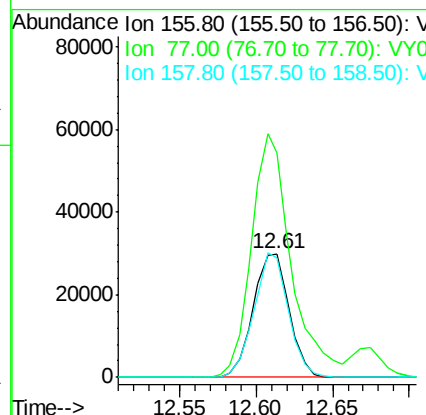
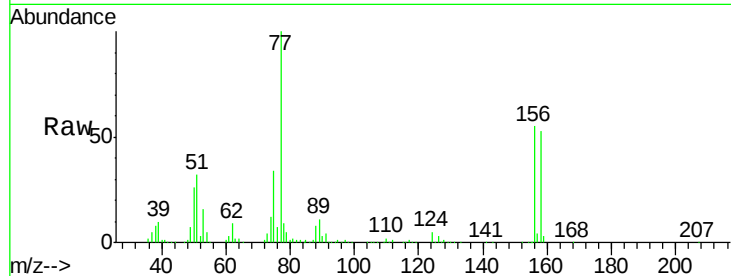




#77
Bromobenzene
Concen: 19.75 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

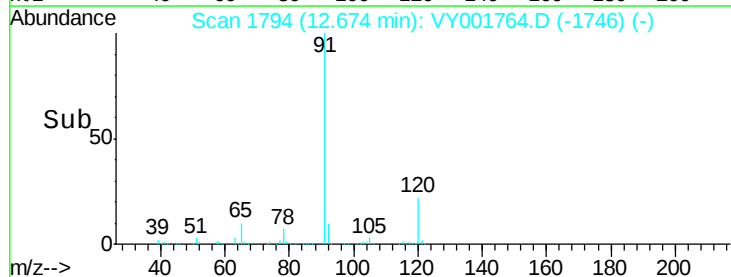
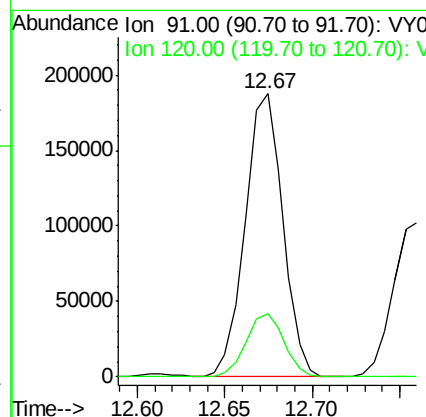
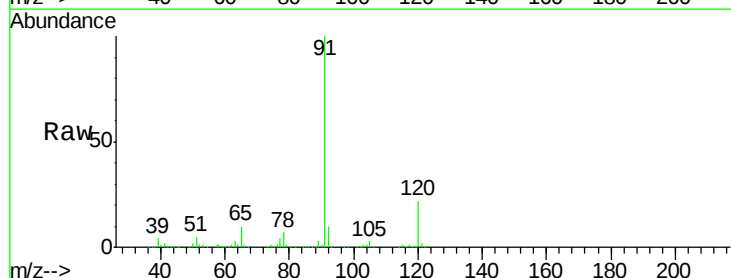
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

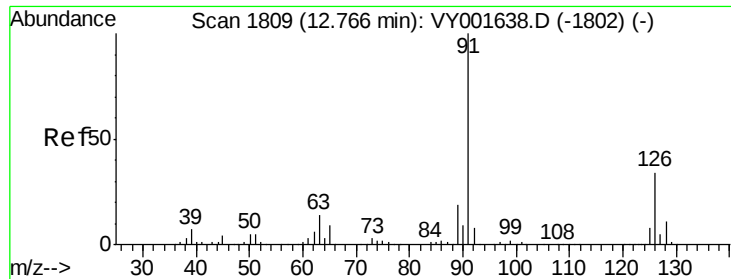
Tgt Ion:156 Resp: 49111
Ion Ratio Lower Upper
156 100
77 217.3 110.1 330.1
158 95.6 47.9 143.7



#78
n-propylbenzene
Concen: 20.09 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY001764.D
Acq: 24 Feb 2020 11:49

Tgt Ion: 91 Resp: 280580
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





#79

2-Chlorotoluene

Concen: 20.49 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

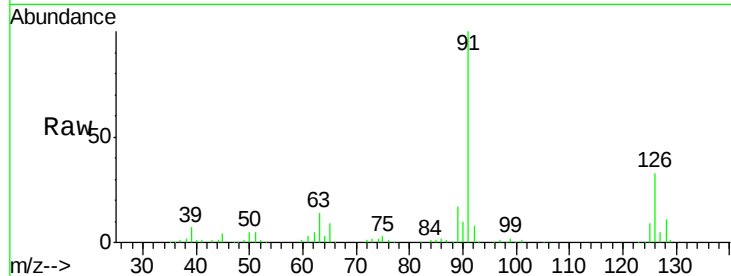
VY0224SBS01

Tgt Ion: 91 Resp: 160500

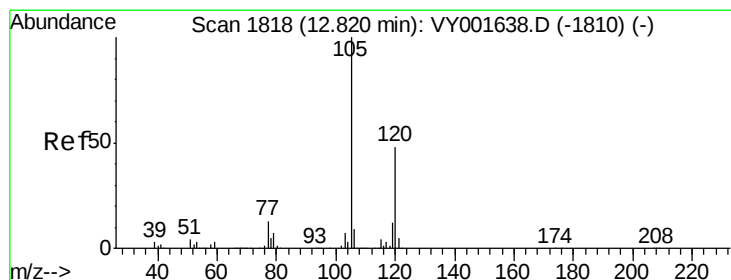
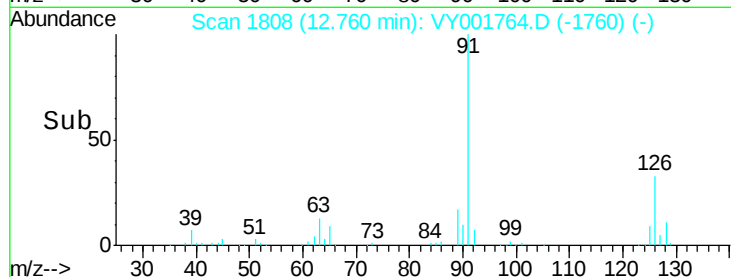
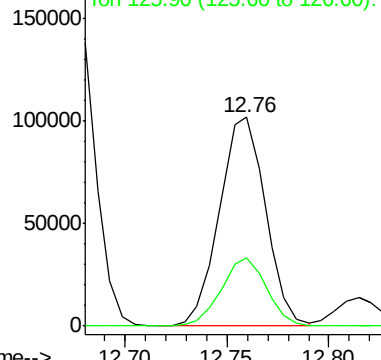
Ion Ratio Lower Upper

91 100

126 32.0 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY001764.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.16 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001764.D

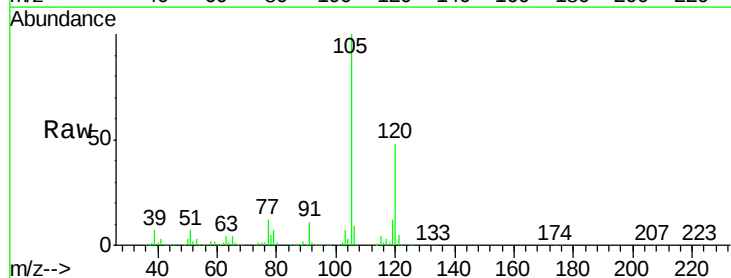
Acq: 24 Feb 2020 11:49

Tgt Ion: 105 Resp: 191427

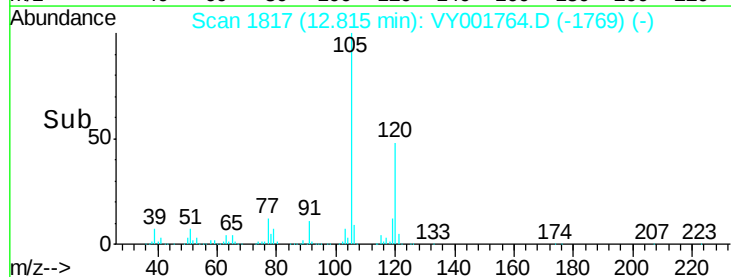
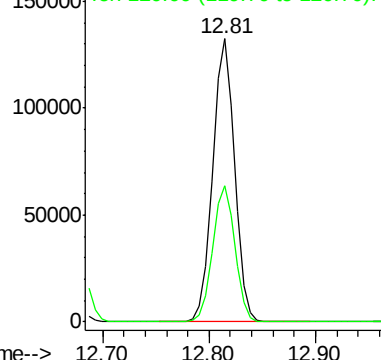
Ion Ratio Lower Upper

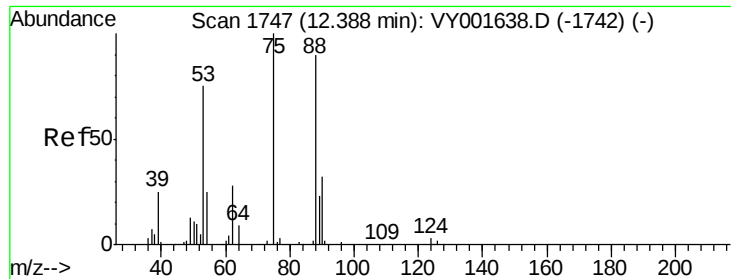
105 100

120 48.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001764.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.06 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

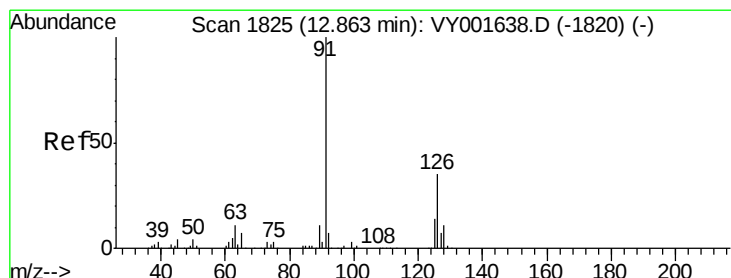
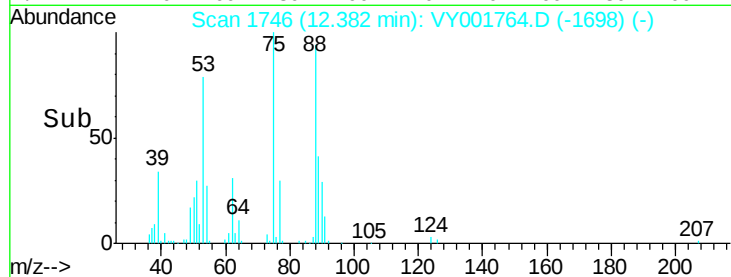
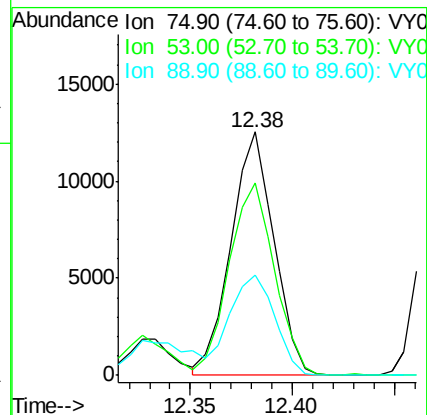
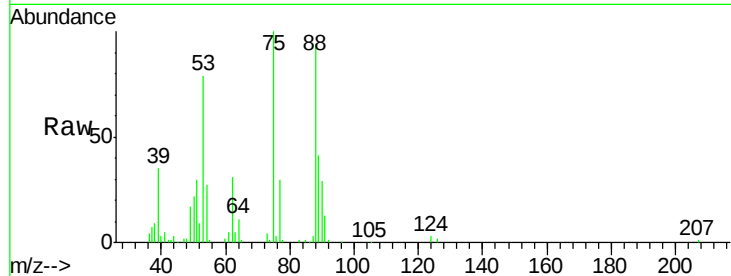
Tgt Ion: 75 Resp: 18264

Ion Ratio Lower Upper

75 100

53 83.7 64.5 96.7

89 43.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.16 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001764.D

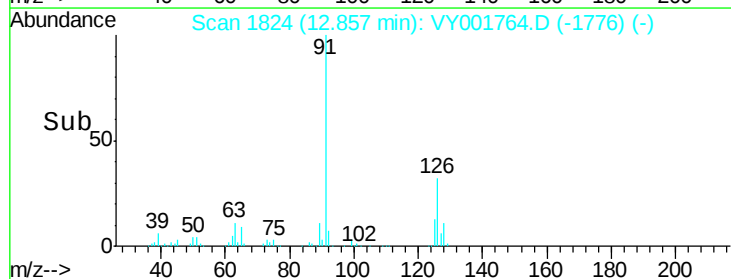
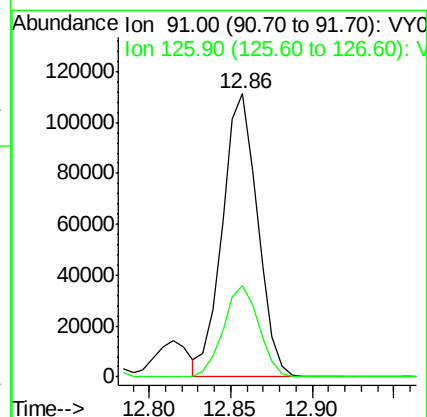
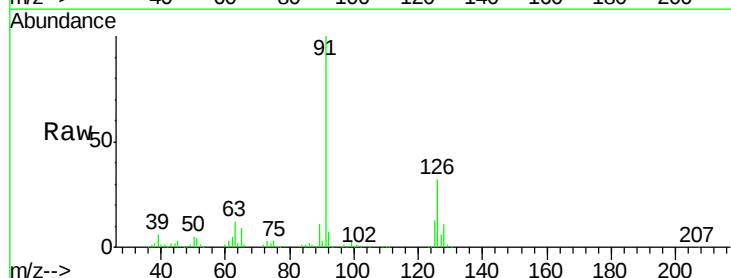
Acq: 24 Feb 2020 11:49

Tgt Ion: 91 Resp: 166569

Ion Ratio Lower Upper

91 100

126 32.7 16.2 48.6

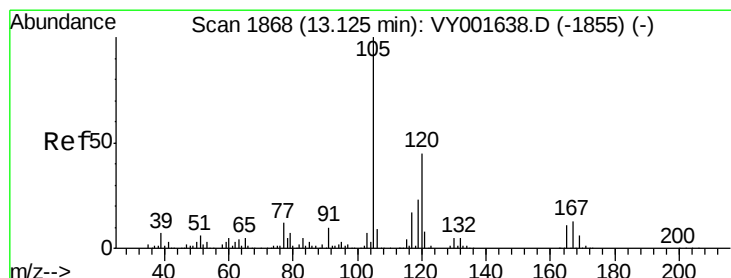
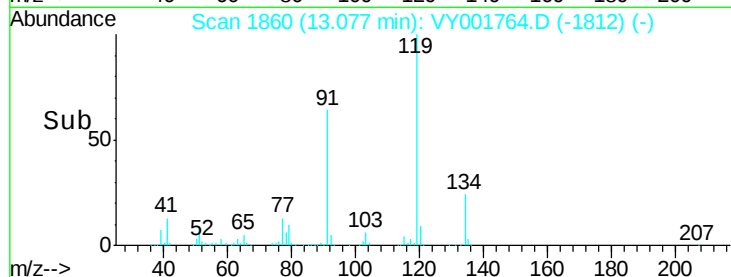
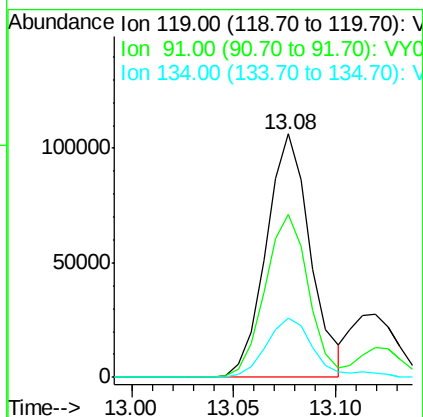
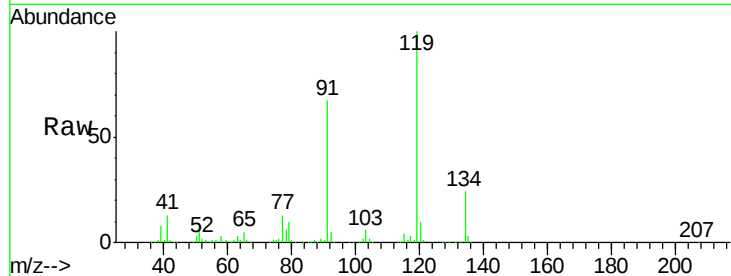




#83
 tert-Butylbenzene
 Concen: 20.22 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

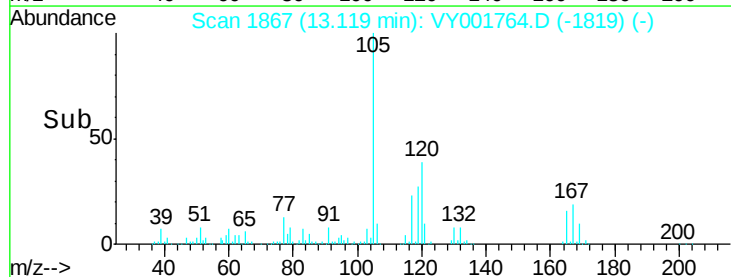
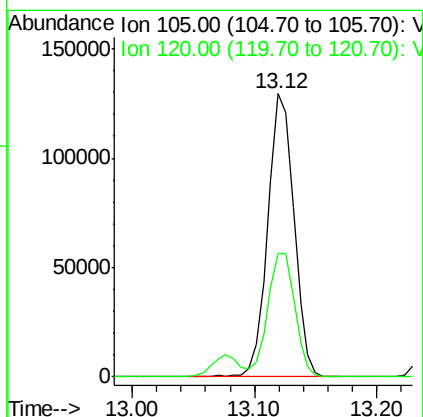
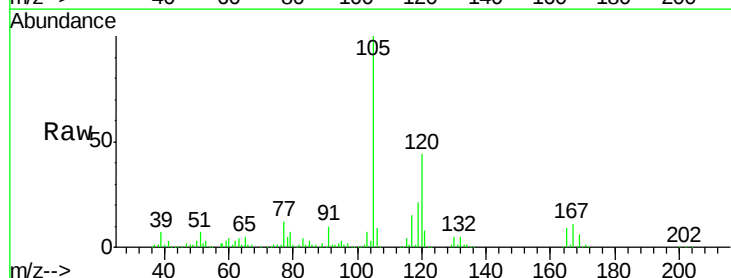
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBSD01

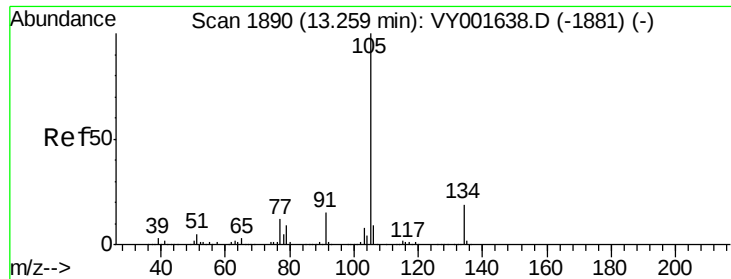
Tgt Ion:119 Resp: 160541
 Ion Ratio Lower Upper
 119 100
 91 65.9 33.5 100.5
 134 26.7 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.38 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion:105 Resp: 192927
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

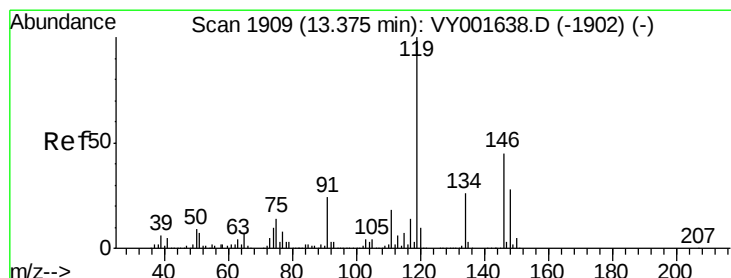
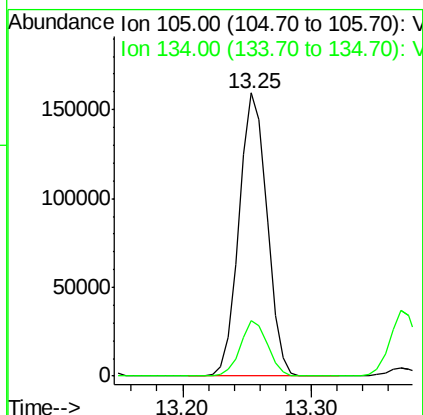
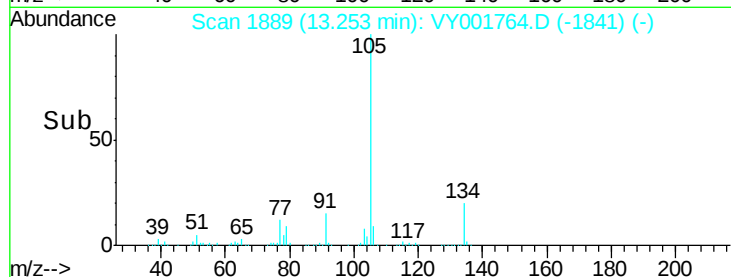
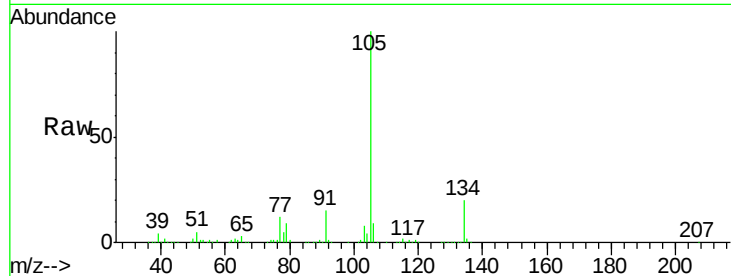




#85
 sec-Butylbenzene
 Concen: 20.47 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

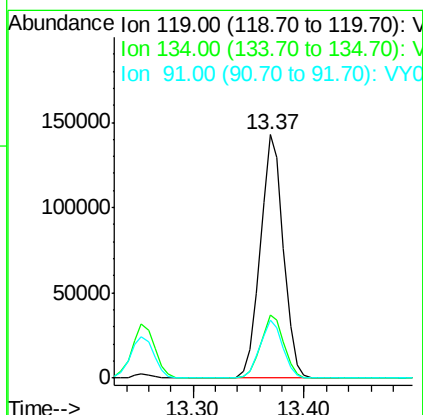
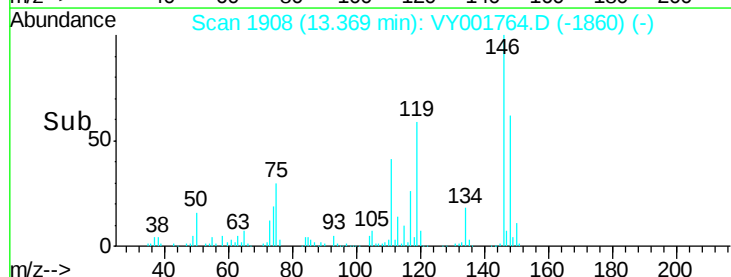
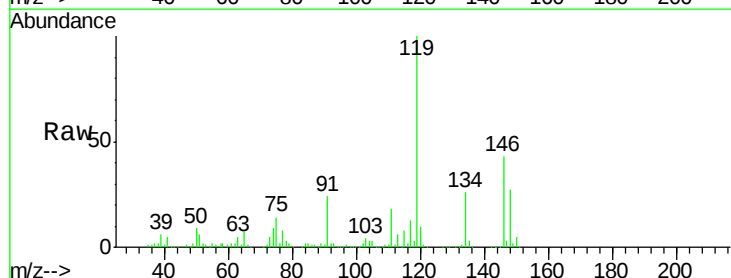
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

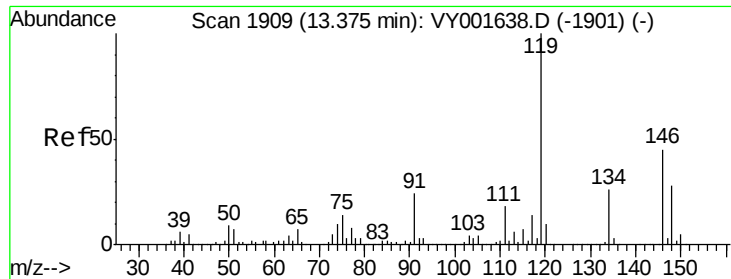
Tgt Ion:105 Resp: 239095
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.27 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion:119 Resp: 205592
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.7 12.2 36.6

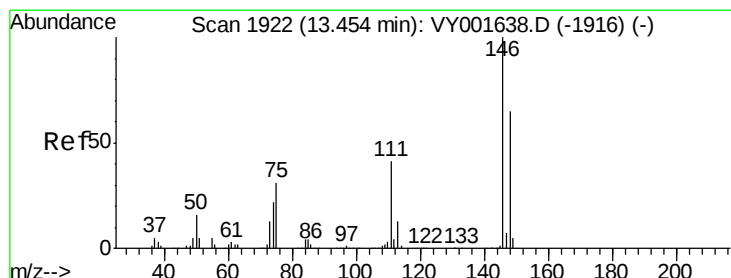
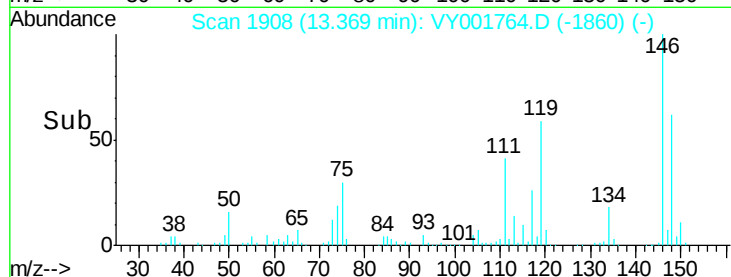
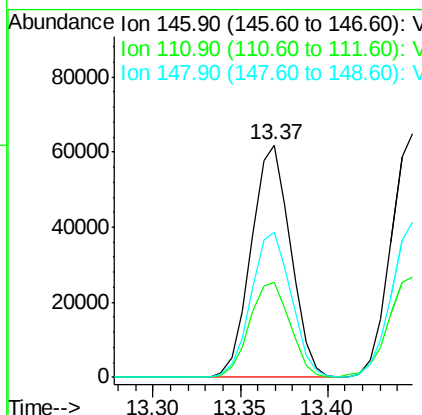
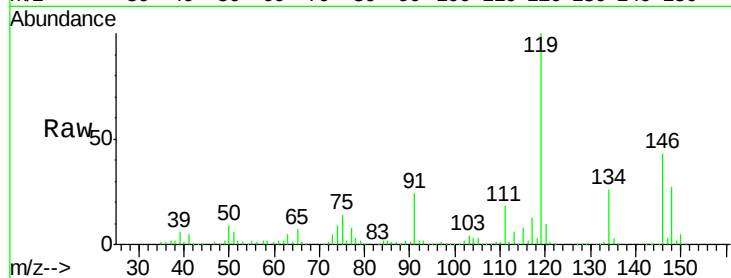




#87
 1,3-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

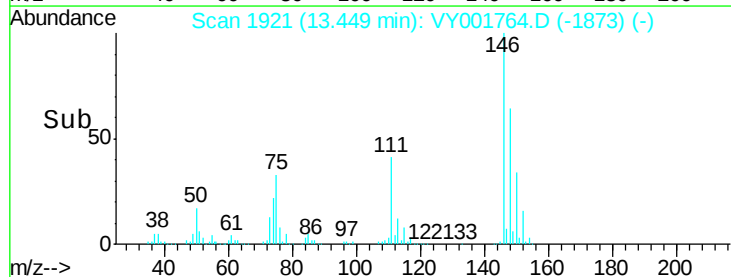
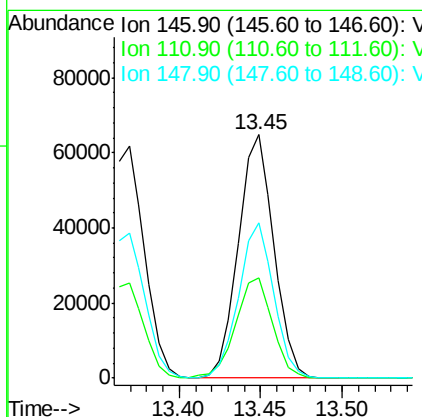
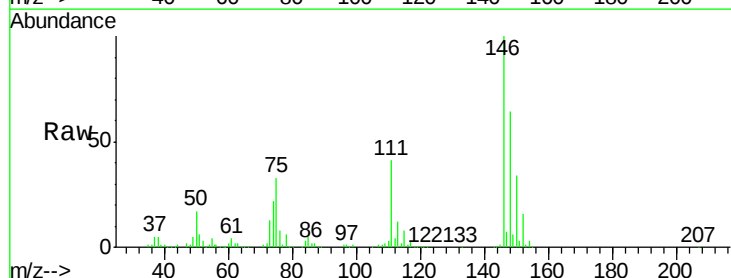
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

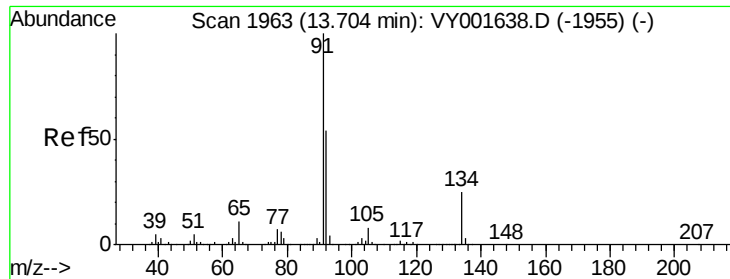
Tgt Ion:146 Resp: 96671
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.4 64.3
 148 63.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 20.17 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion:146 Resp: 98297
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.4 61.3
 148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 20.30 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

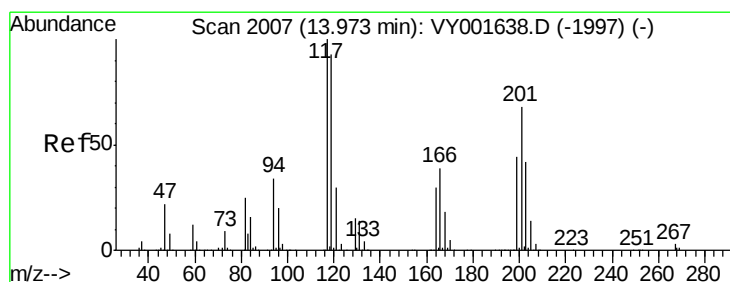
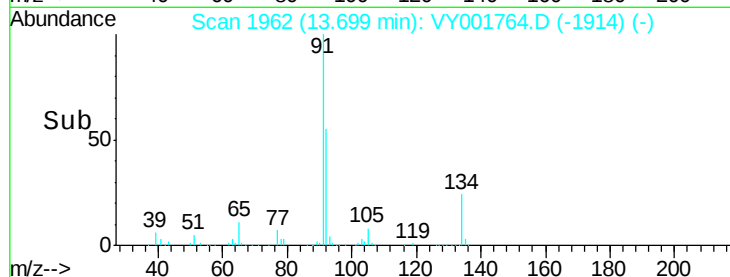
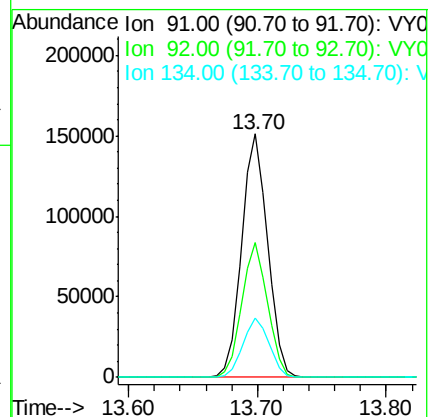
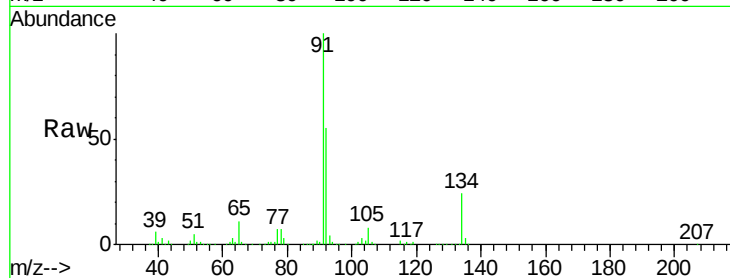
Tgt Ion: 91 Resp: 210441

Ion Ratio Lower Upper

91 100

92 54.7 27.5 82.4

134 24.5 12.4 37.4



#90

Hexachloroethane

Concen: 20.03 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY001764.D

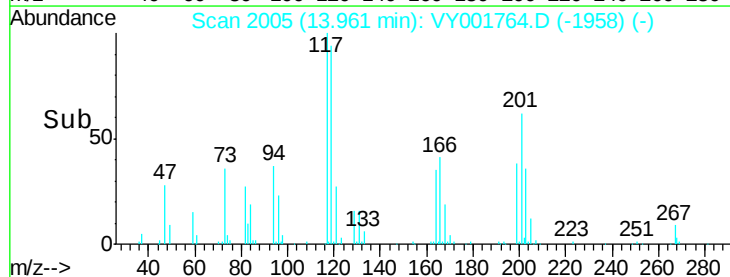
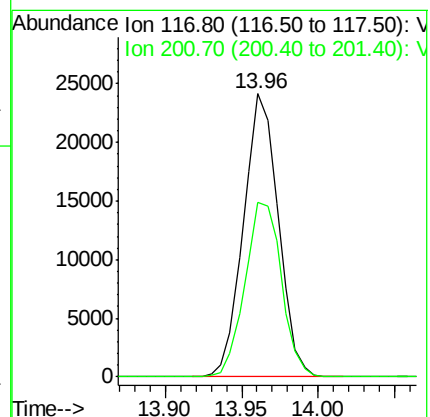
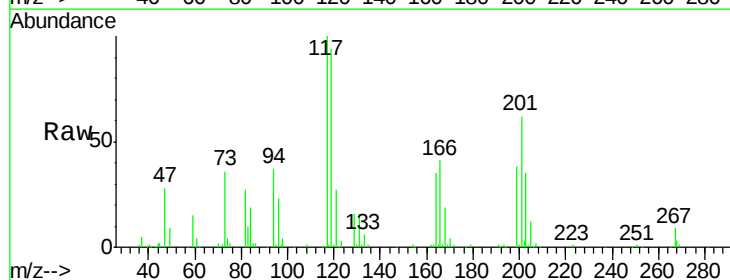
Acq: 24 Feb 2020 11:49

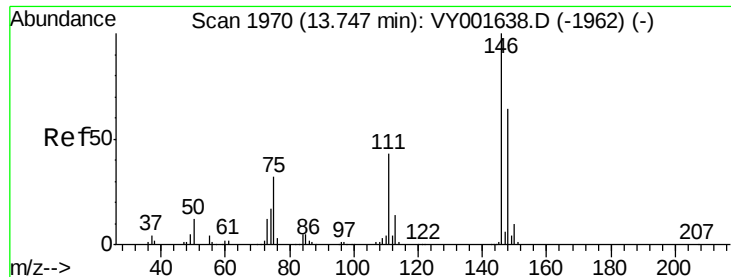
Tgt Ion: 117 Resp: 38277

Ion Ratio Lower Upper

117 100

201 64.5 32.5 97.4

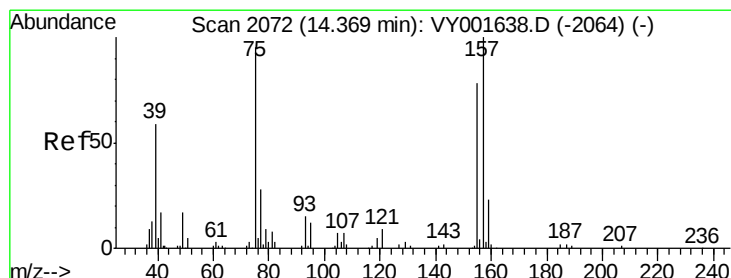
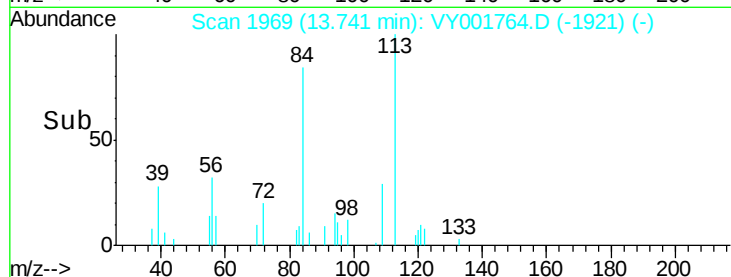
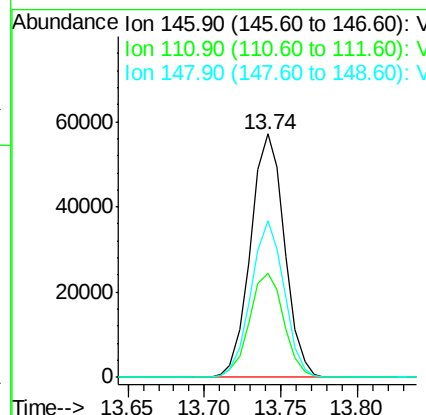
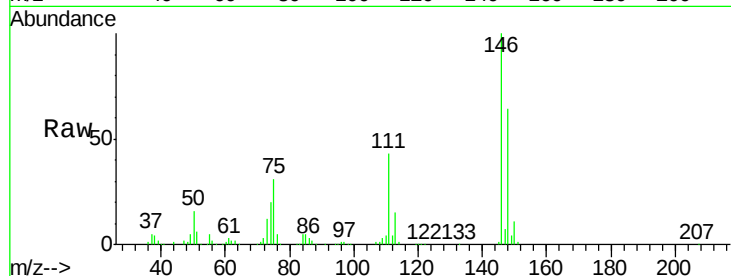




#91
 1,2-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

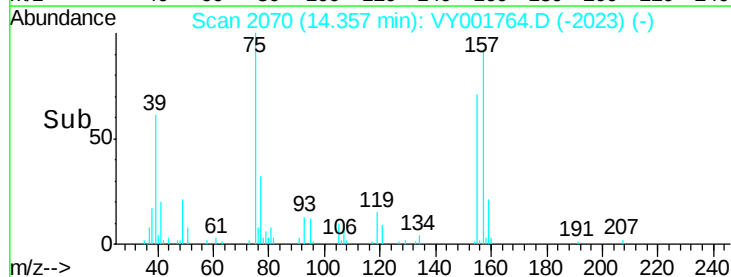
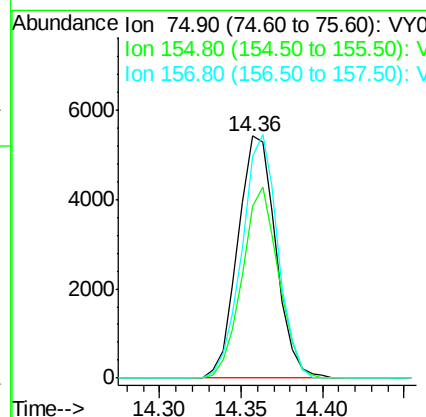
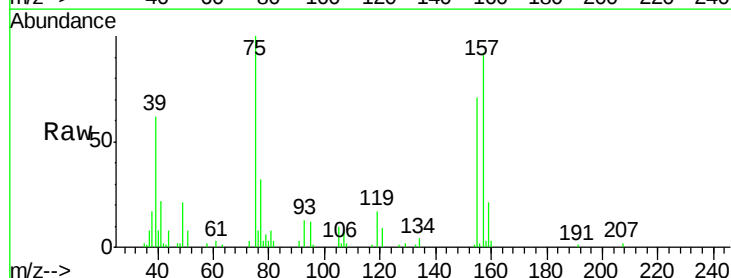
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

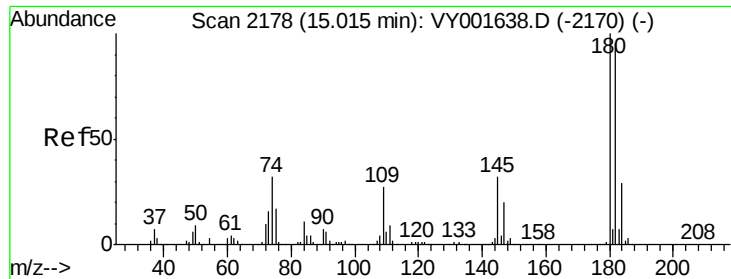
Tgt Ion: 146 Resp: 88232
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.9 65.7
 148 62.9 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.69 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion: 75 Resp: 8767
 Ion Ratio Lower Upper
 75 100
 155 75.8 40.8 122.4
 157 95.3 52.1 156.4

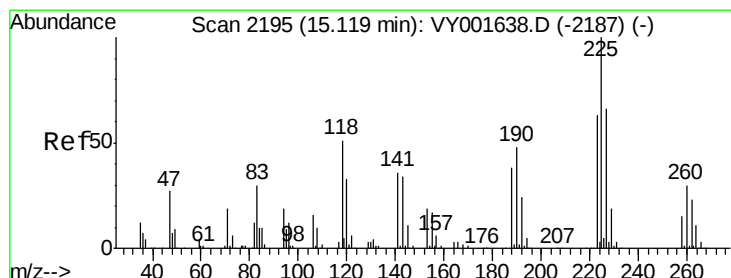
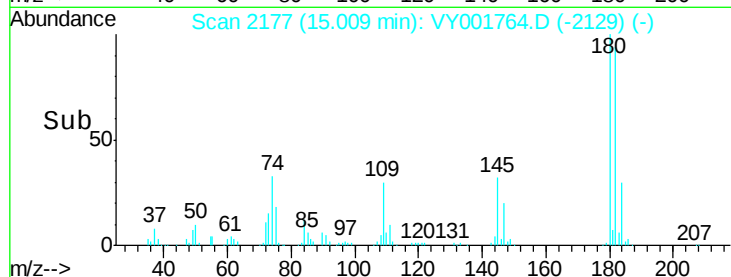
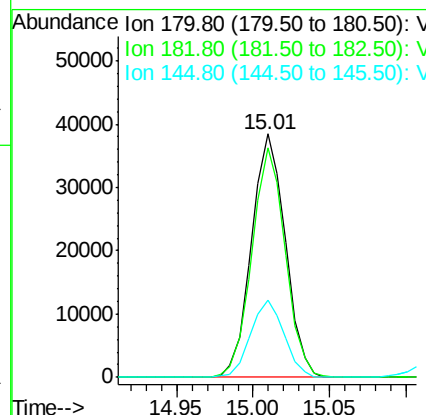
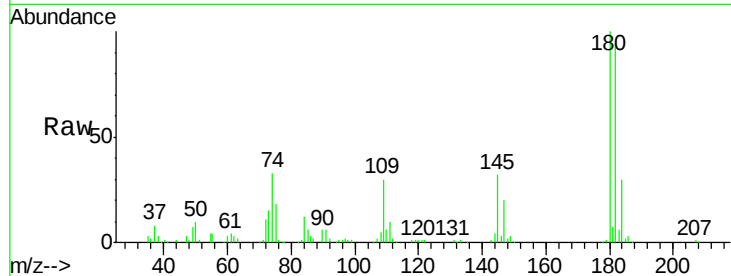




#93
 1,2,4-Trichlorobenzene
 Concen: 20.05 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

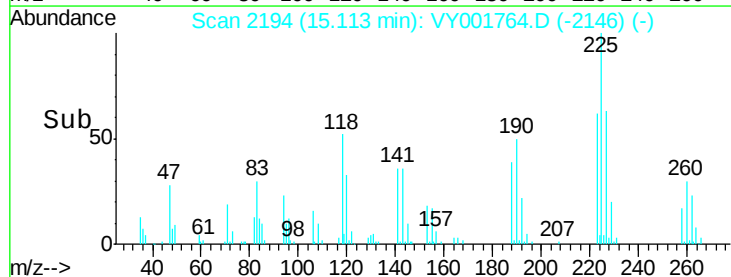
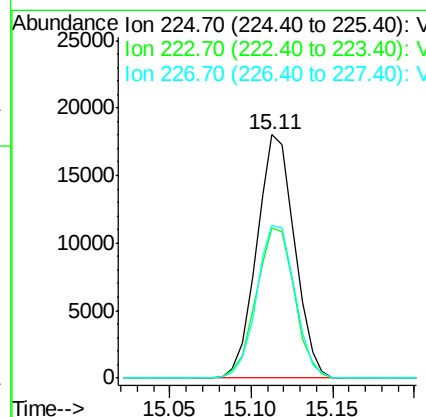
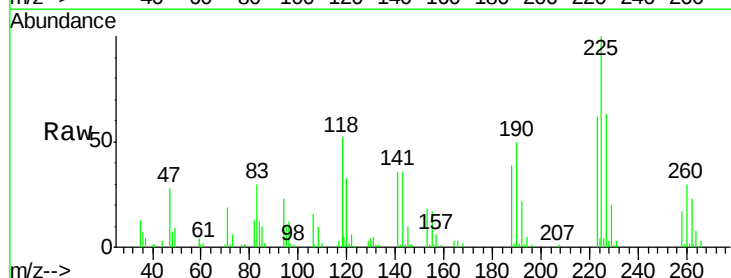
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

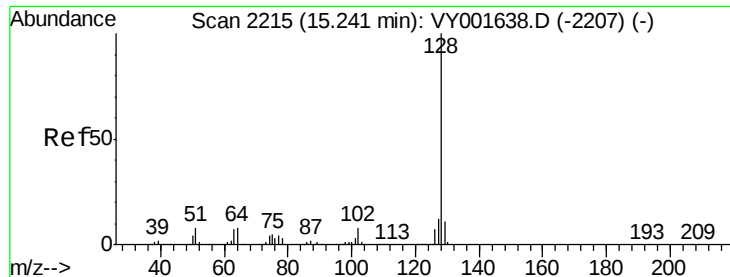
Tgt Ion:180 Resp: 59114
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.8 140.3
 145 31.5 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 19.73 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001764.D
 Acq: 24 Feb 2020 11:49

Tgt Ion:225 Resp: 28938
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.0
 227 63.1 31.6 94.8





#95

Naphthalene

Concen: 20.12 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

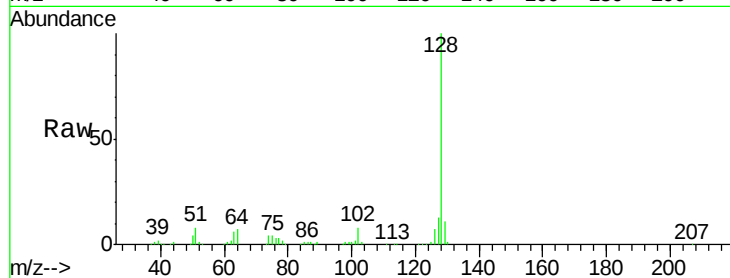
Tgt Ion:128 Resp: 136802

Ion Ratio Lower Upper

128 100

127 12.3 9.9 14.9

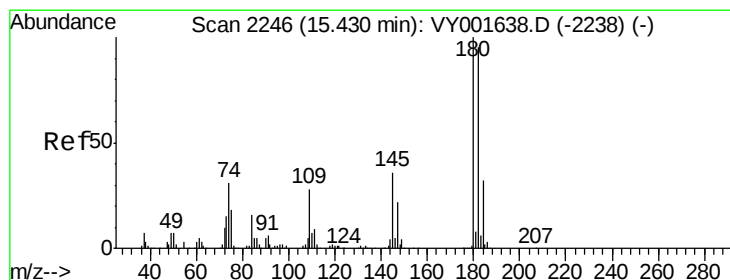
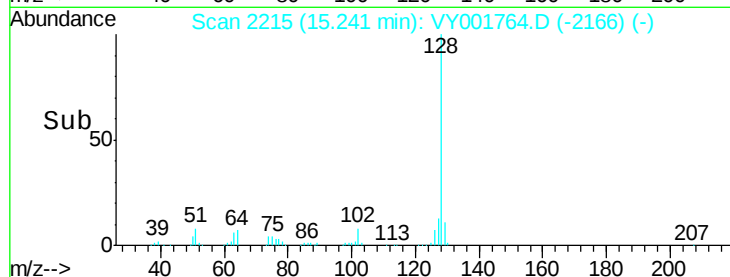
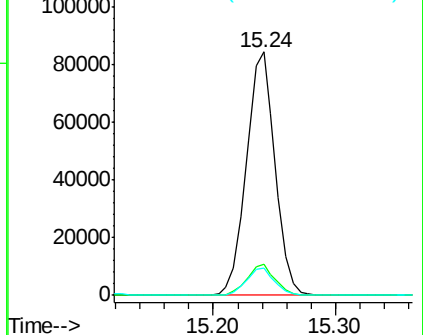
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.08 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY001764.D

Acq: 24 Feb 2020 11:49

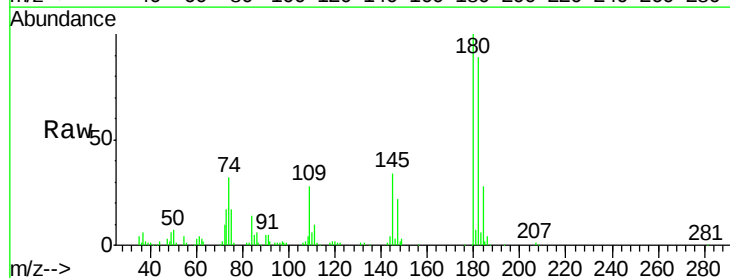
Tgt Ion:180 Resp: 52101

Ion Ratio Lower Upper

180 100

182 92.5 47.2 141.6

145 33.4 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

