

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001811.D
 Acq On : 02 Mar 2020 11:45
 Operator : SY/MD
 Sample : VY0302SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Quant Time: Mar 02 13:43:40 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	7.81	168	170656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	130220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	99809	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.74	113	95015	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.19	98	388943	56.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.22%	
62) 4-Bromofluorobenzene	12.49	95	137581	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31244	18.78	ug/l	96
3) Chloromethane	2.13	50	44114	19.72	ug/l	94
4) Vinyl Chloride	2.27	62	43519	19.28	ug/l	99
5) Bromomethane	2.66	94	29527	20.93	ug/l	99
6) Chloroethane	2.81	64	28050	20.17	ug/l	99
7) Trichlorofluoromethane	3.15	101	62020	21.47	ug/l	96
8) Diethyl Ether	3.55	74	24136	21.20	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	40002	22.03	ug/l	98
10) Methyl Iodide	4.11	142	43193	19.44	ug/l	99
11) Tert butyl alcohol	4.99	59	25510	105.30	ug/l	98
12) 1,1-Dichloroethene	3.90	96	38948	21.03	ug/l	94
13) Acrolein	3.75	56	14633	78.93	ug/l	97
14) Allyl chloride	4.51	41	69336	21.04	ug/l	99
15) Acrylonitrile	5.20	53	66574	114.07	ug/l	100
16) Acetone	3.98	43	58951	92.81	ug/l	99
17) Carbon Disulfide	4.22	76	118874	19.23	ug/l	100
18) Methyl Acetate	4.50	43	34127	24.67	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	111202	21.57	ug/l	96
20) Methylene Chloride	4.75	84	50313	22.30	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	43824	20.74	ug/l	91
22) Diisopropyl ether	6.15	45	147220	21.75	ug/l	98
23) Vinyl Acetate	6.09	43	463513	105.00	ug/l	100
24) 1,1-Dichloroethane	6.05	63	79057	21.86	ug/l	95
25) 2-Butanone	7.02	43	88551	102.63	ug/l	98
26) 2,2-Dichloropropane	7.02	77	65876	20.93	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	49626	21.28	ug/l	100
28) Bromochloromethane	7.36	49	30678	20.36	ug/l	99
29) Tetrahydrofuran	7.37	42	56873	109.05	ug/l	99
30) Chloroform	7.53	83	74924	21.20	ug/l	95
31) Cyclohexane	7.80	56	79137	20.52	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	62805	21.14	ug/l	99
36) 1,1-Dichloropropene	7.94	75	61126	20.72	ug/l	99
37) Ethyl Acetate	7.11	43	37079	21.05	ug/l	98
38) Carbon Tetrachloride	7.92	117	53610	20.68	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	79529	20.32	ug/l	97
40) Benzene	8.18	78	184584	21.27	ug/l	100
41) Methacrylonitrile	7.34	41	19344	21.87	ug/l #	81
42) 1,2-Dichloroethane	8.25	62	49676	21.01	ug/l	100
43) Isopropyl Acetate	8.29	43	70819	21.19	ug/l	99
44) Trichloroethene	8.96	130	45626	21.06	ug/l	97
45) 1,2-Dichloropropane	9.23	63	47768	21.98	ug/l	99
46) Dibromomethane	9.32	93	24285	21.36	ug/l	99
47) Bromodichloromethane	9.51	83	58143	21.19	ug/l	99
48) Methyl methacrylate	9.31	41	31449	20.81	ug/l	99
49) 1,4-Dioxane	9.31	88	6593	410.63	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	181386	105.65	ug/l	99
52) Toluene	10.25	92	114217	21.10	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	64163	21.15	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	74369	21.30	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	35508	21.18	ug/l	96
56) Ethyl methacrylate	10.52	69	53185	21.15	ug/l	98
57) 1,3-Dichloropropane	10.80	76	64843	21.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	130590	128.82	ug/l	99
59) 2-Hexanone	10.84	43	130846	101.57	ug/l	99
60) Dibromochloromethane	10.99	129	37724	20.41	ug/l	100
61) 1,2-Dibromoethane	11.10	107	33741	21.29	ug/l	97
64) Tetrachloroethene	10.73	164	37828	21.86	ug/l	94
65) Chlorobenzene	11.52	112	118519	21.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	40470	21.80	ug/l	98
67) Ethyl Benzene	11.60	91	218202	21.36	ug/l	97
68) m/p-Xylenes	11.70	106	164058	43.00	ug/l	98
69) o-Xylene	12.03	106	77879	21.47	ug/l	97
70) Styrene	12.05	104	134121	21.28	ug/l	98
71) Bromoform	12.22	173	21496	20.26	ug/l #	100
73) Isopropylbenzene	12.33	105	206745	20.84	ug/l	99
74) N-amyl acetate	12.15	43	63811	20.15	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	45420	21.44	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	58602	39.23	ug/l #	100
77) Bromobenzene	12.61	156	46021	21.40	ug/l	95
78) n-propylbenzene	12.67	91	259924	21.51	ug/l	99
79) 2-Chlorotoluene	12.76	91	141058	20.82	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	172361	20.99	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16489	20.94	ug/l	97
82) 4-Chlorotoluene	12.86	91	150607	21.07	ug/l	100
83) tert-Butylbenzene	13.08	119	147241	21.44	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	173129	21.15	ug/l	98
85) sec-Butylbenzene	13.26	105	216787	21.46	ug/l	100
86) p-Isopropyltoluene	13.38	119	188599	21.49	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	88997	21.34	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	90050	21.36	ug/l	99
89) n-Butylbenzene	13.70	91	193098	21.53	ug/l	99
90) Hexachloroethane	13.97	117	35430	21.43	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	81249	21.11	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6913	19.78	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	53588	21.01	ug/l	98
94) Hexachlorobutadiene	15.12	225	26165	20.63	ug/l	99
95) Naphthalene	15.24	128	121408	20.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	46854	20.88	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

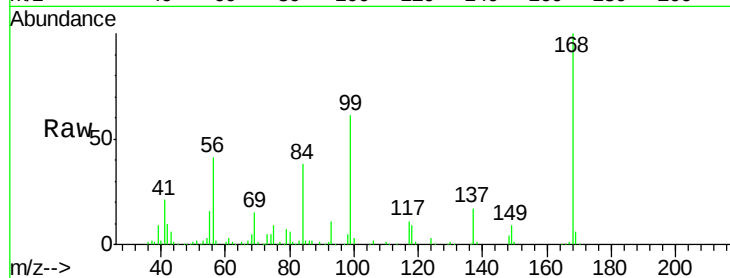
VY0302SBS01

Tgt Ion:168 Resp: 170656

Ion Ratio Lower Upper

168 100

99 61.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001811.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001811.D (-948) (-)

7.81

80000

60000

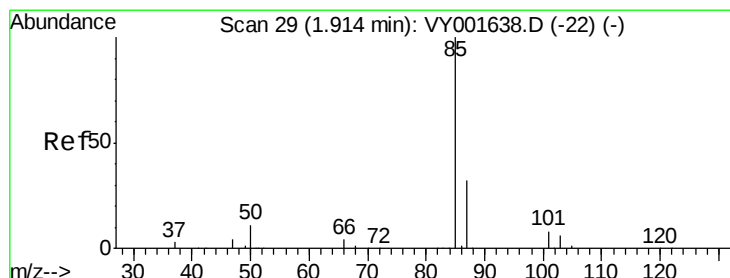
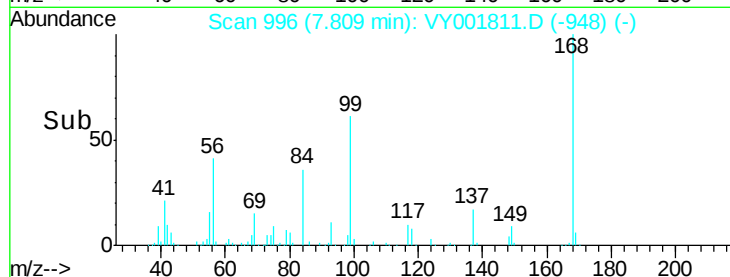
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.78 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001811.D

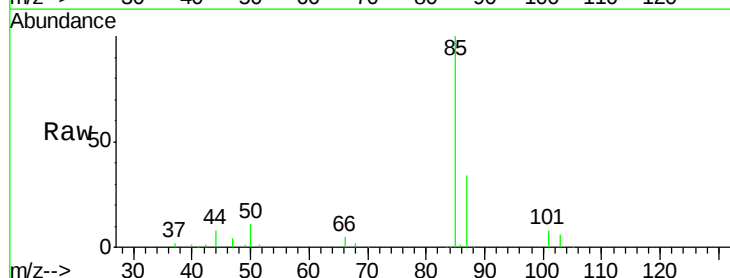
Acq: 02 Mar 2020 11:45

Tgt Ion: 85 Resp: 31244

Ion Ratio Lower Upper

85 100

87 34.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001811.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001811.D (-1) (-)

1.91

25000

20000

15000

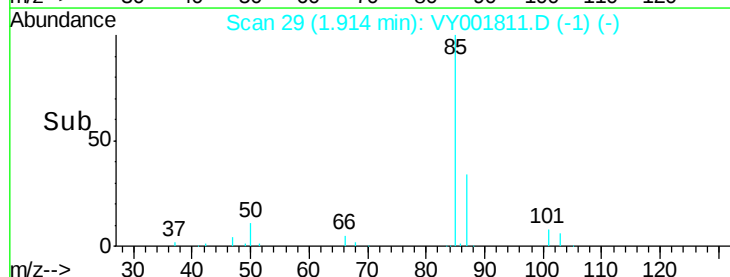
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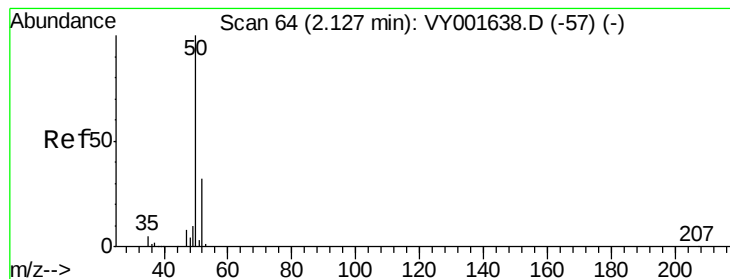
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.72 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

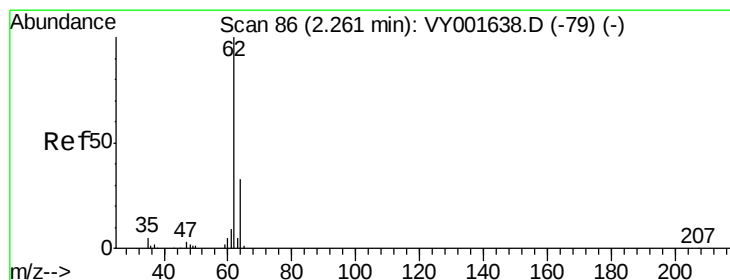
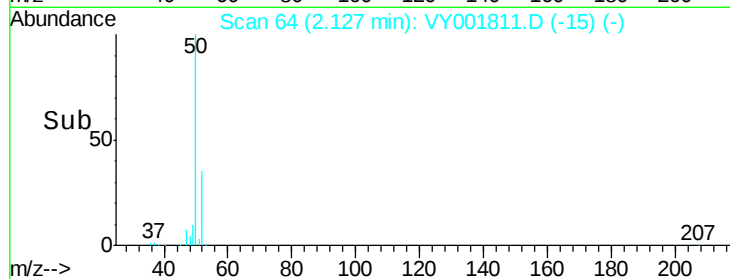
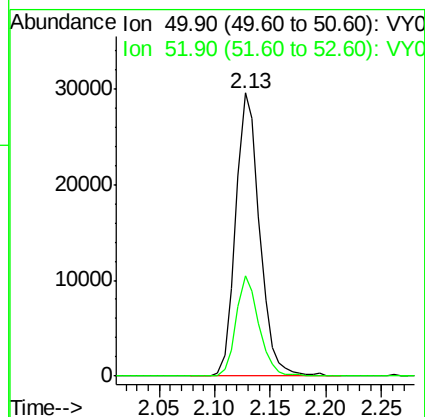
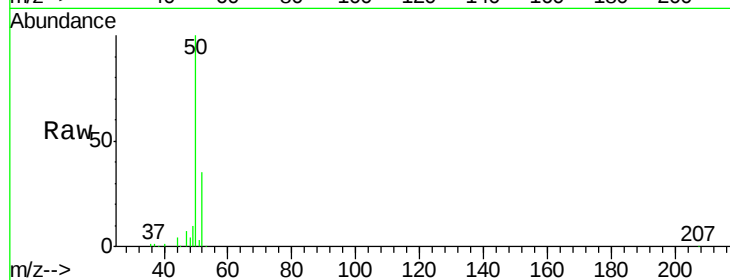
VY0302SBS01

Tgt Ion: 50 Resp: 44114

Ion Ratio Lower Upper

50 100

52 35.4 25.8 38.6



#4

Vinyl Chloride

Concen: 19.28 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001811.D

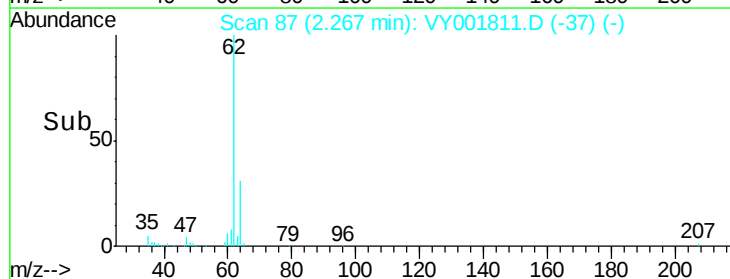
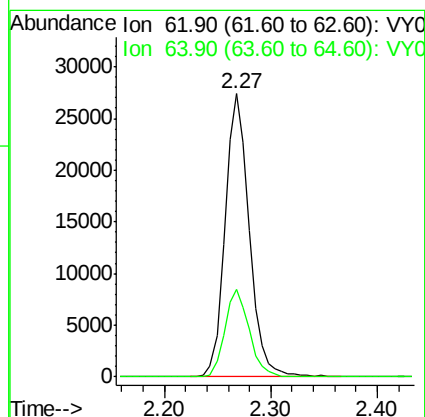
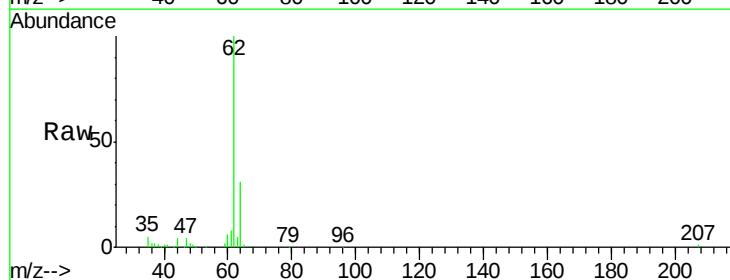
Acq: 02 Mar 2020 11:45

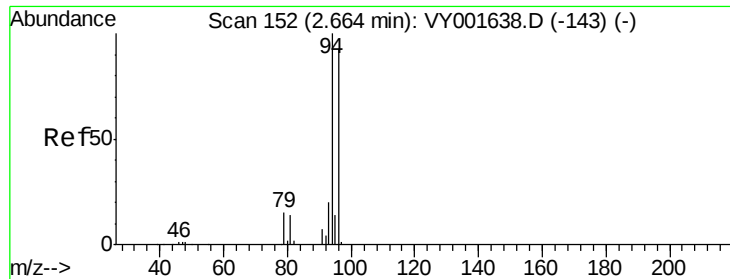
Tgt Ion: 62 Resp: 43519

Ion Ratio Lower Upper

62 100

64 30.8 24.9 37.3





#5

Bromomethane

Concen: 20.93 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

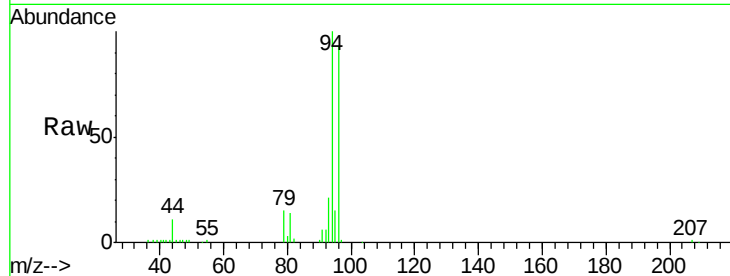
VY0302SBS01

Tgt Ion: 94 Resp: 29527

Ion Ratio Lower Upper

94 100

96 92.9 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

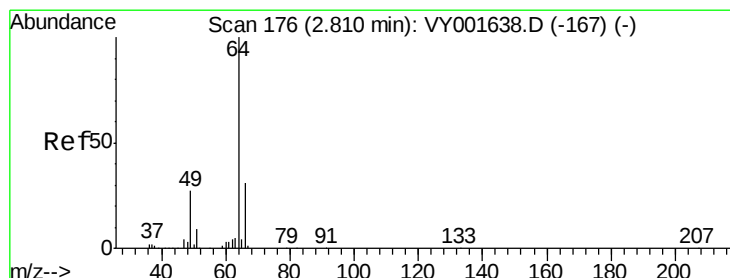
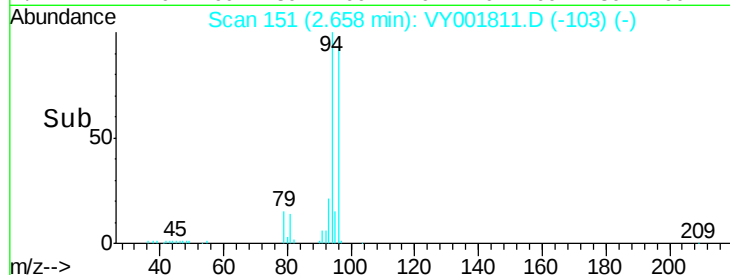
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.17 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001811.D

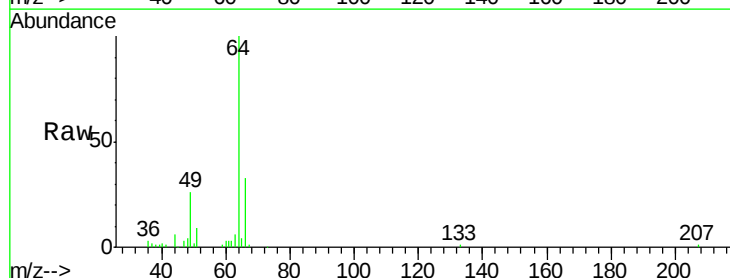
Acq: 02 Mar 2020 11:45

Tgt Ion: 64 Resp: 28050

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

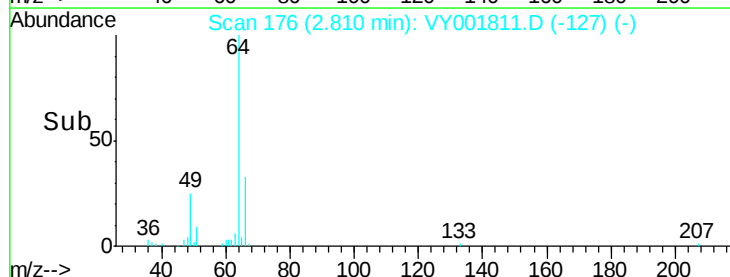
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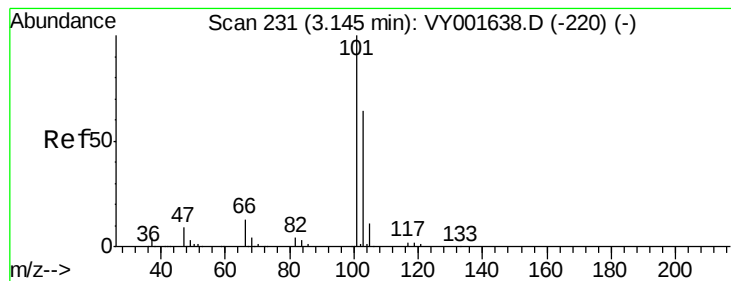
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5000

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Time-->



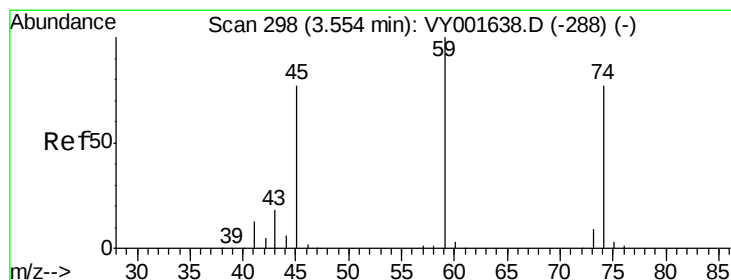
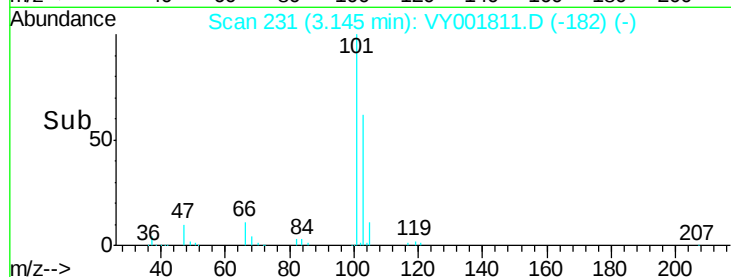
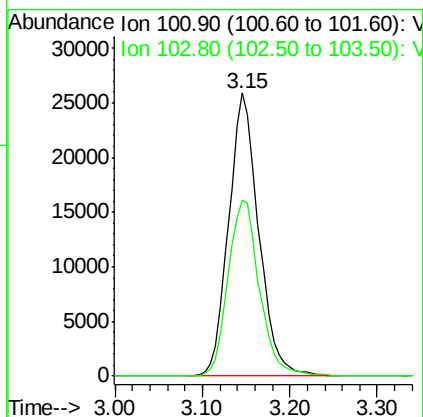
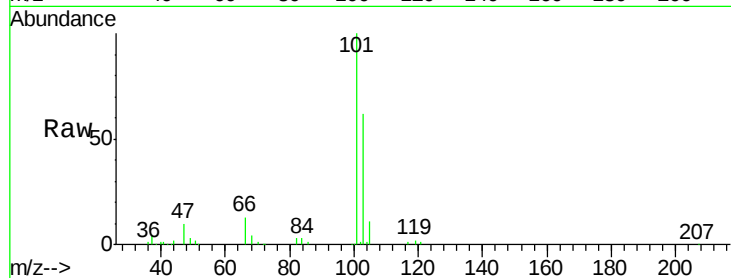


#7

Trichlorofluoromethane
 Concen: 21.47 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.00 min
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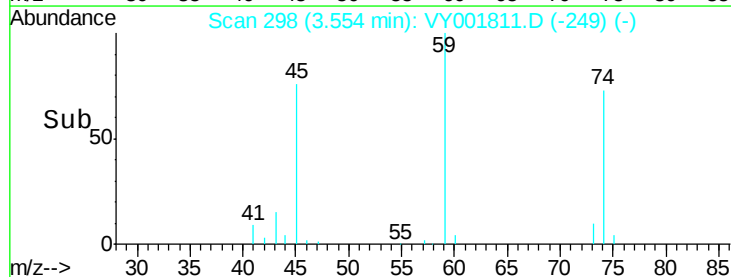
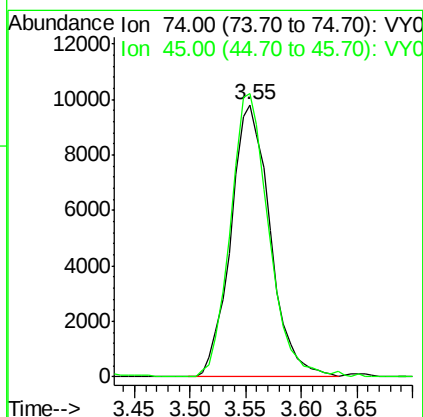
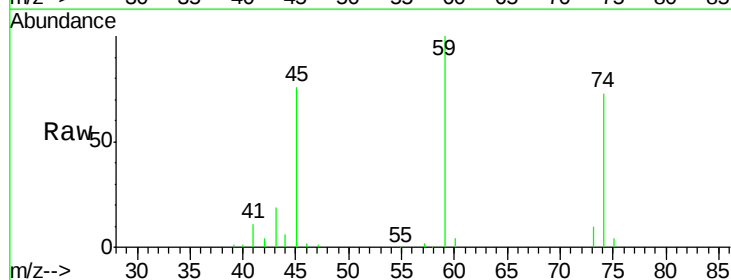
Tgt Ion:101 Resp: 62020
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.2 78.2

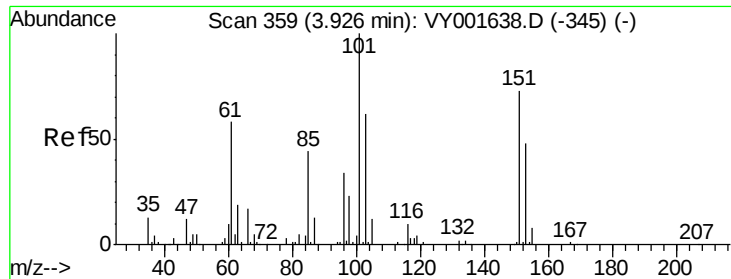


#8

Diethyl Ether
 Concen: 21.20 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 74 Resp: 24136
 Ion Ratio Lower Upper
 74 100
 45 101.4 49.6 148.8

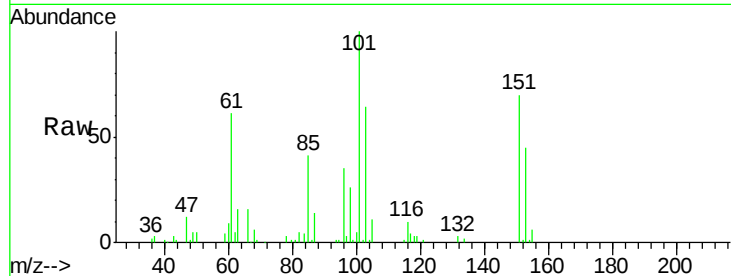




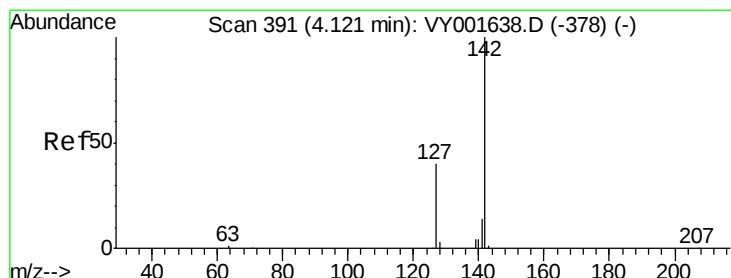
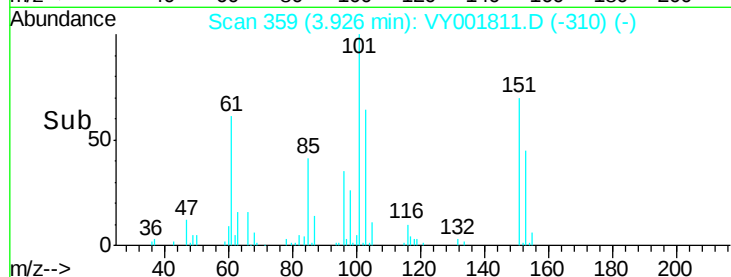
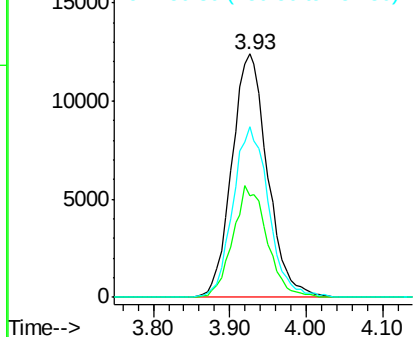
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.03 ug/l
 RT: 3.93 min Scan# 359
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Tgt Ion:101 Resp: 40002
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.1 52.7
 151 70.2 58.4 87.6

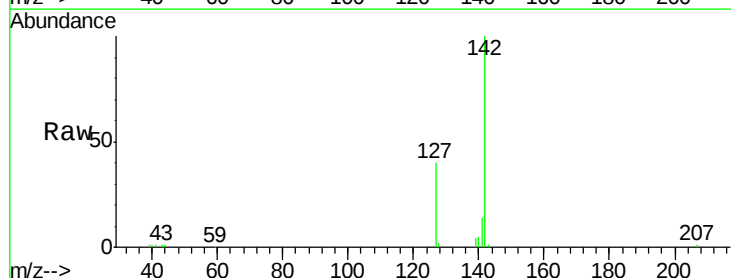


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

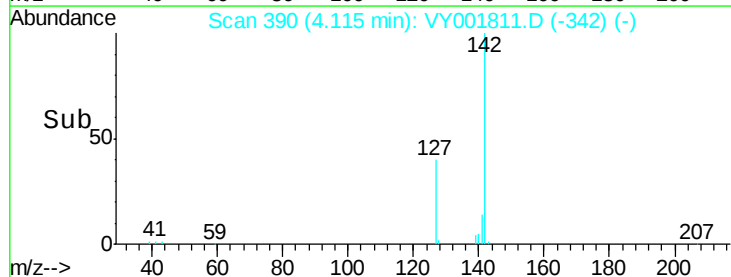
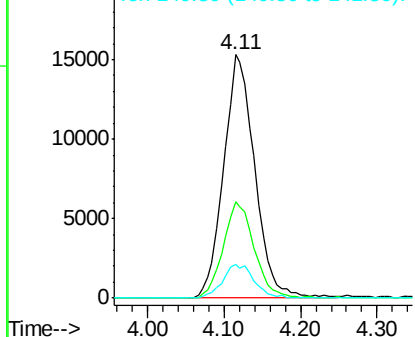


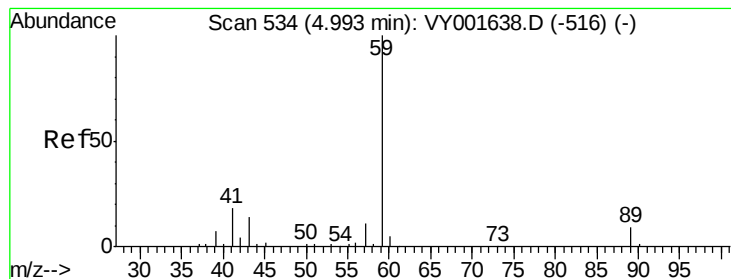
#10
 Methyl Iodide
 Concen: 19.44 ug/l
 RT: 4.11 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion:142 Resp: 43193
 Ion Ratio Lower Upper
 142 100
 127 39.2 32.1 48.1
 141 13.8 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: 105.30 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

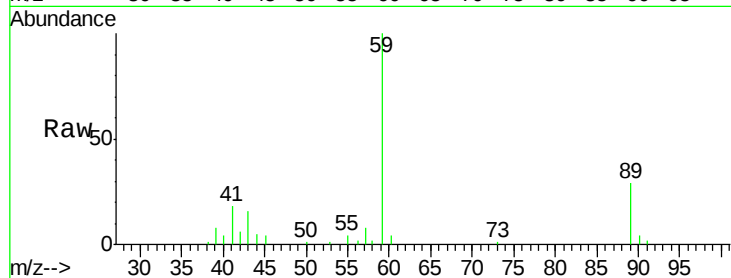
VY0302SBS01

Tgt Ion: 59 Resp: 25510

Ion Ratio Lower Upper

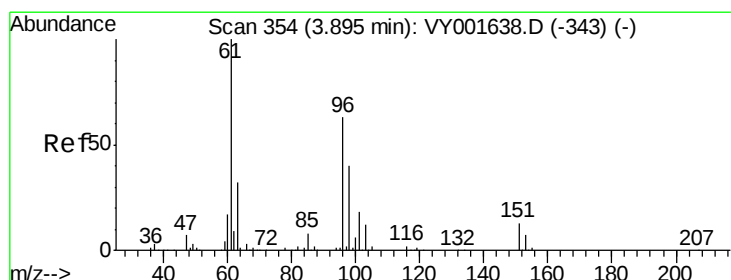
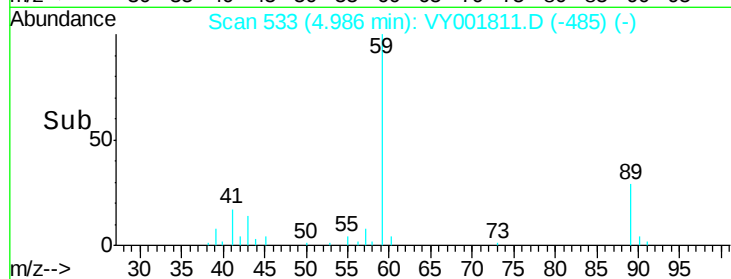
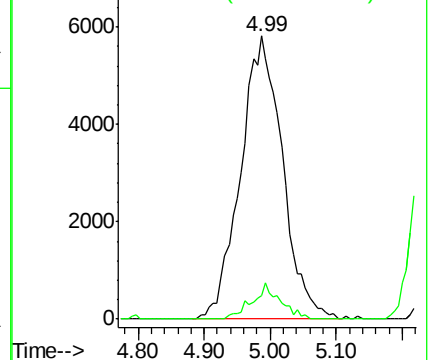
59 100

57 8.5 7.4 11.2



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 21.03 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

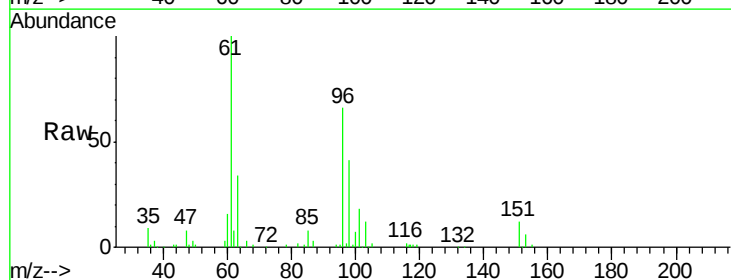
Tgt Ion: 96 Resp: 38948

Ion Ratio Lower Upper

96 100

61 150.7 128.7 193.1

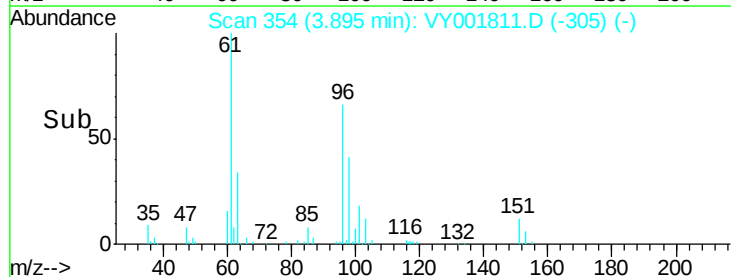
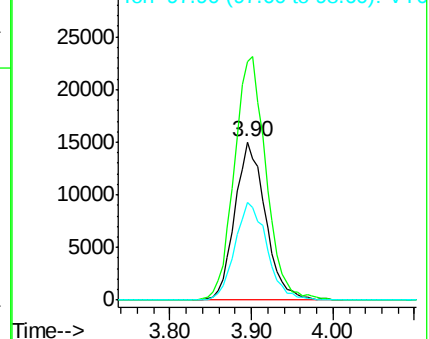
98 62.0 50.7 76.1

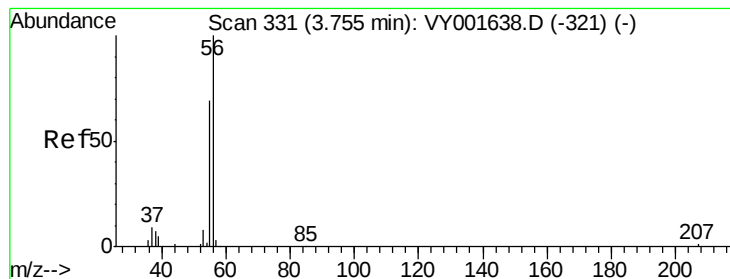


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 78.93 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

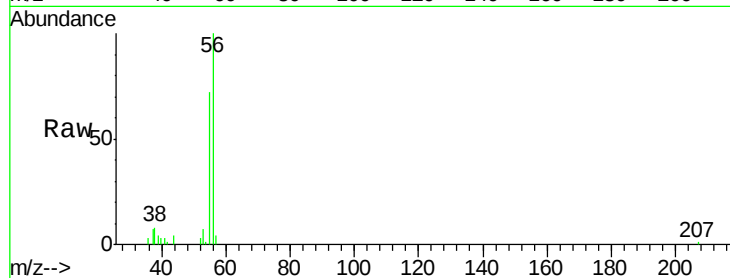
VY0302SBS01

Tgt Ion: 56 Resp: 14633

Ion Ratio Lower Upper

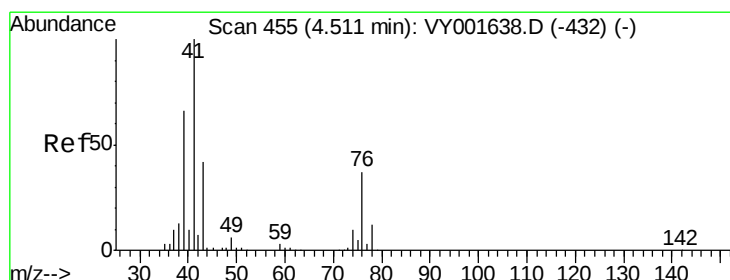
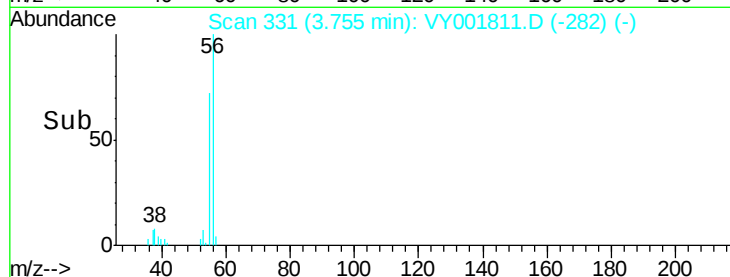
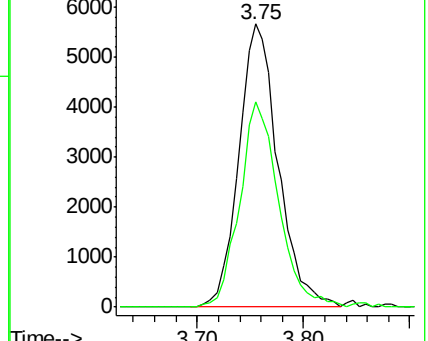
56 100

55 72.2 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: 21.04 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

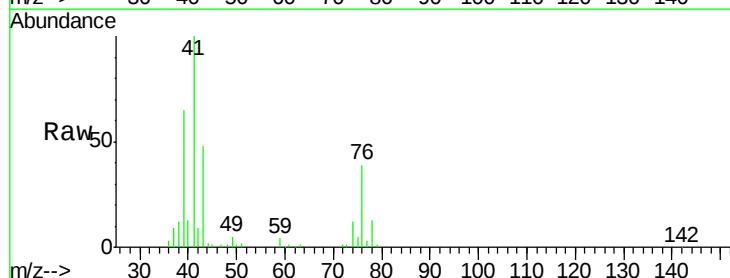
Tgt Ion: 41 Resp: 69336

Ion Ratio Lower Upper

41 100

39 63.1 49.4 74.0

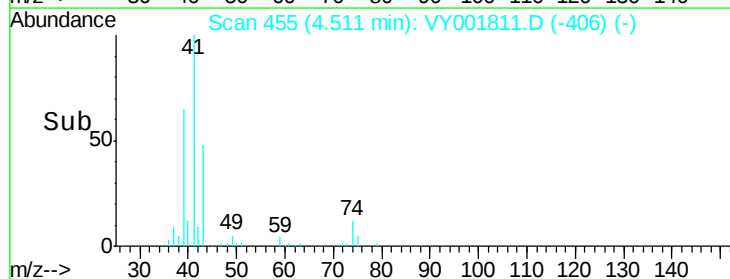
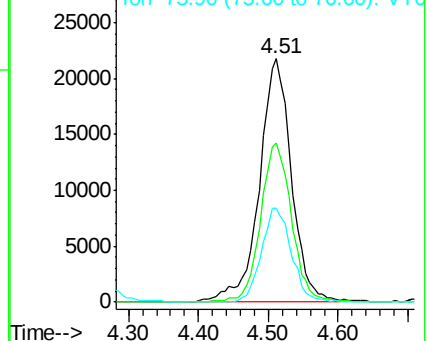
76 36.0 29.0 43.6

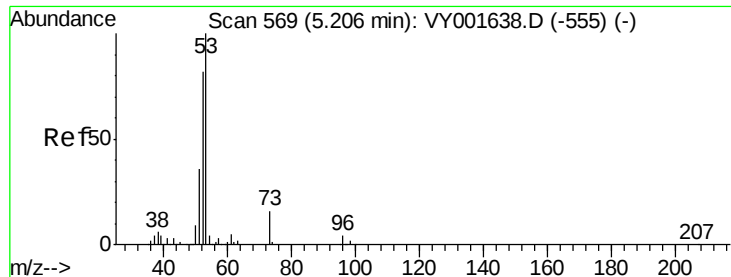


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 114.07 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

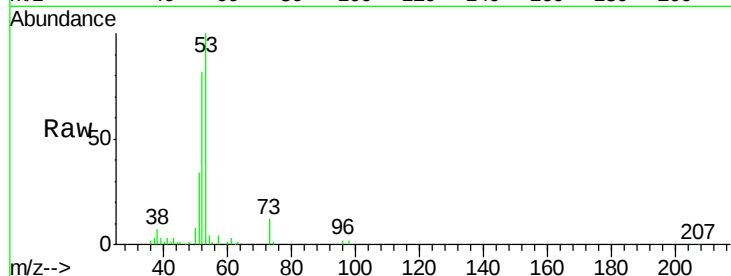
Tgt Ion: 53 Resp: 66574

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.0

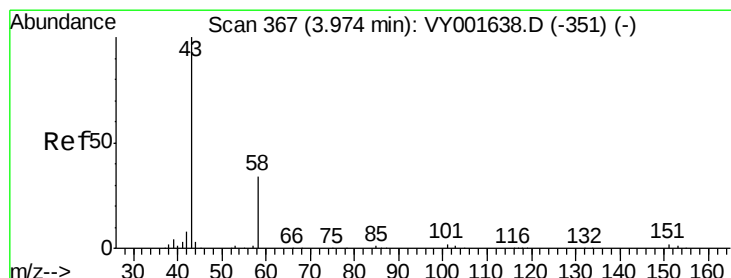
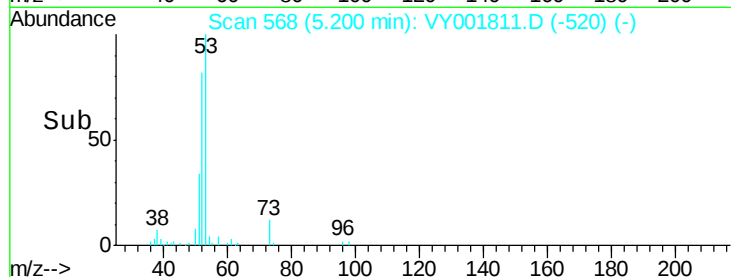
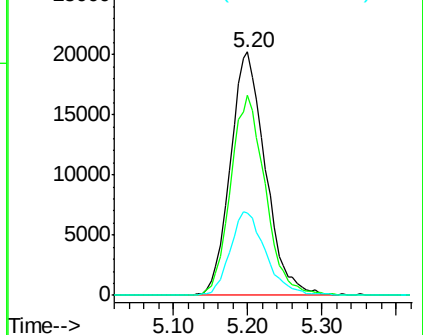
51 35.0 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 92.81 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001811.D

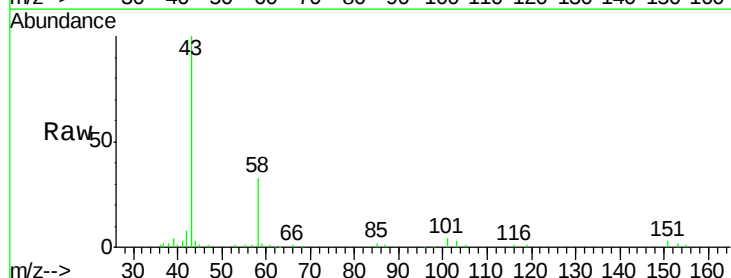
Acq: 02 Mar 2020 11:45

Tgt Ion: 43 Resp: 58951

Ion Ratio Lower Upper

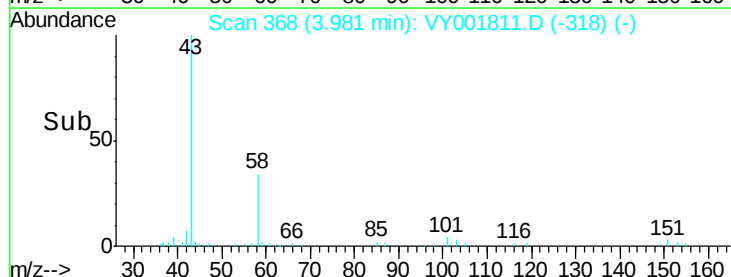
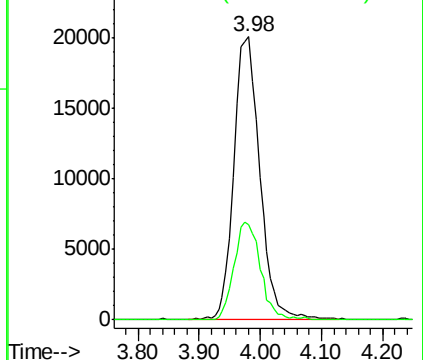
43 100

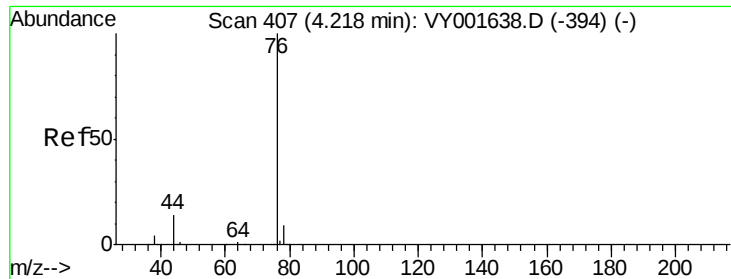
58 33.5 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

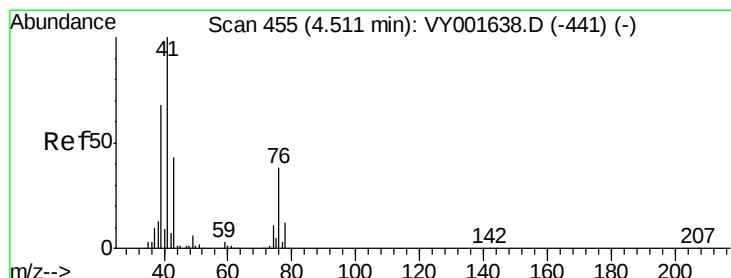
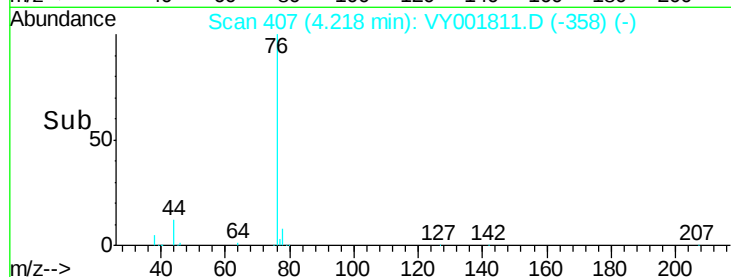
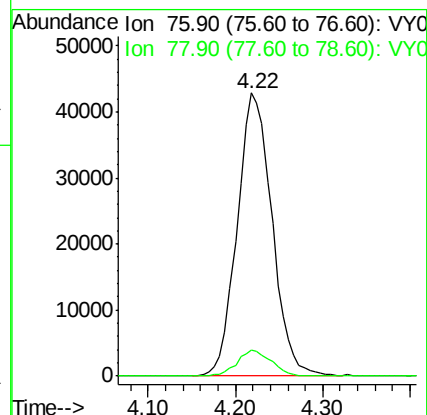
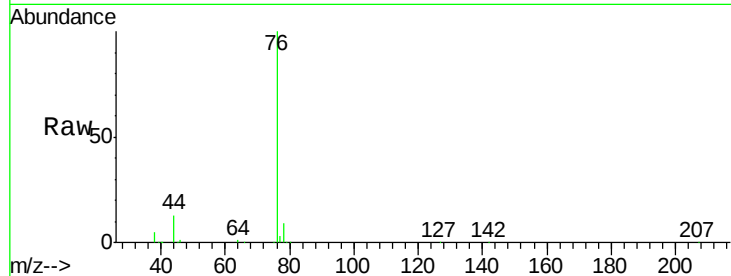




#17
Carbon Disulfide
Concen: 19.23 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

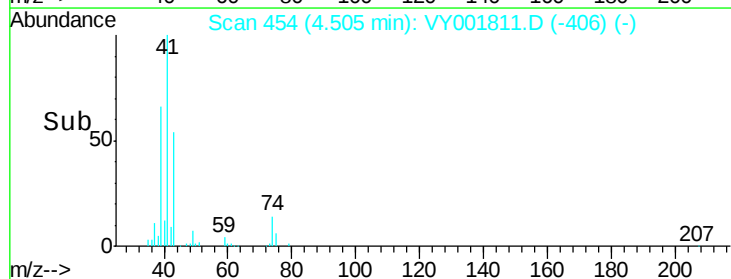
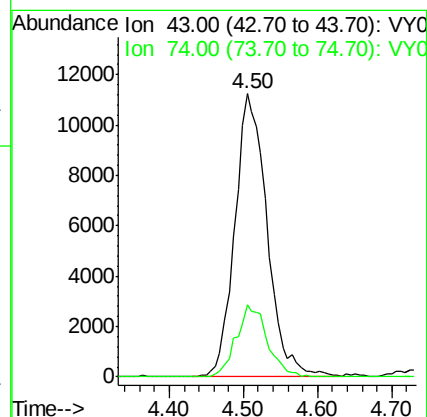
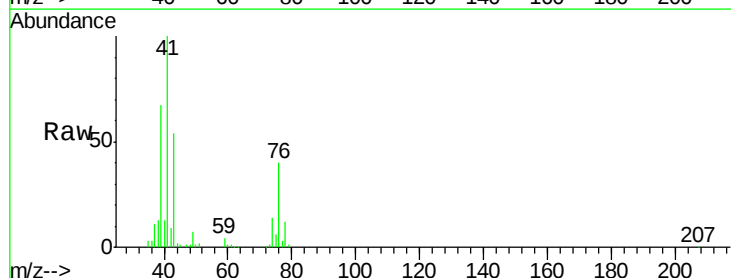
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

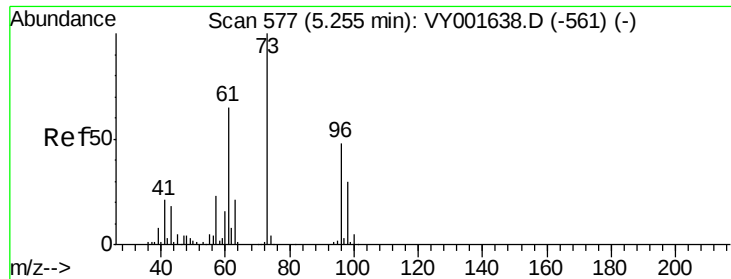
Tgt Ion: 76 Resp: 118874
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 24.67 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 43 Resp: 34127
Ion Ratio Lower Upper
43 100
74 24.3 19.1 28.7

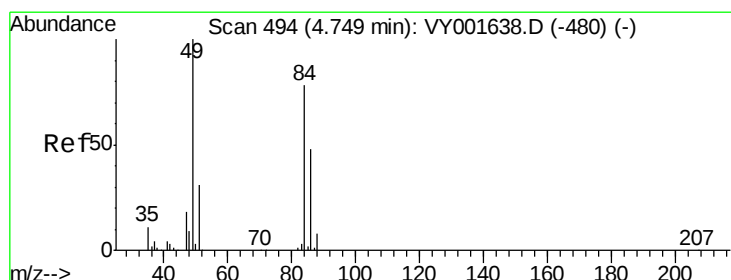
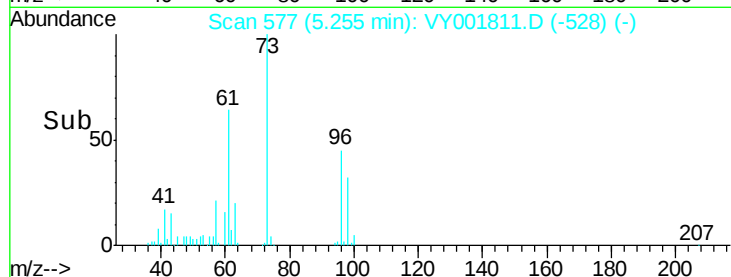
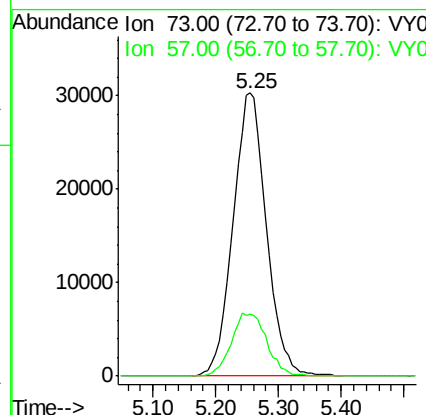
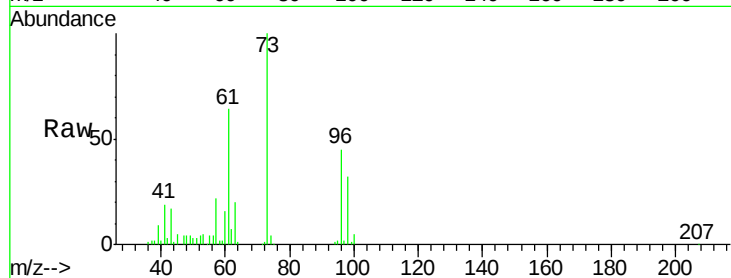




#19
Methyl tert-butyl Ether
Concen: 21.57 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

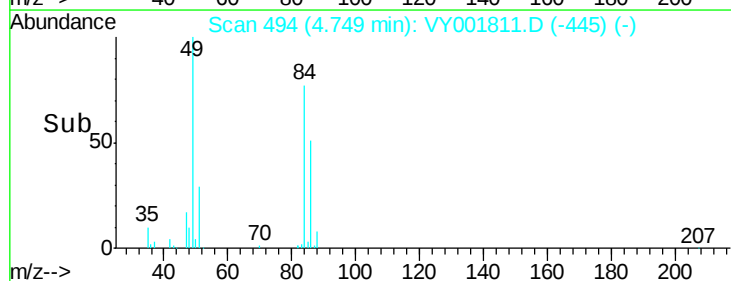
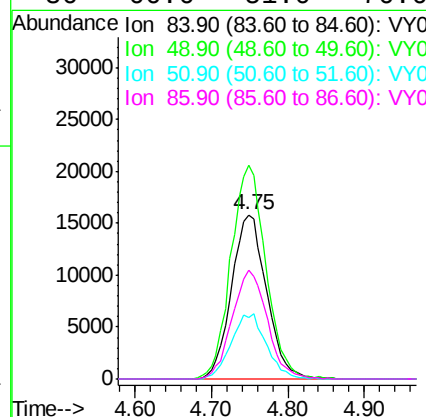
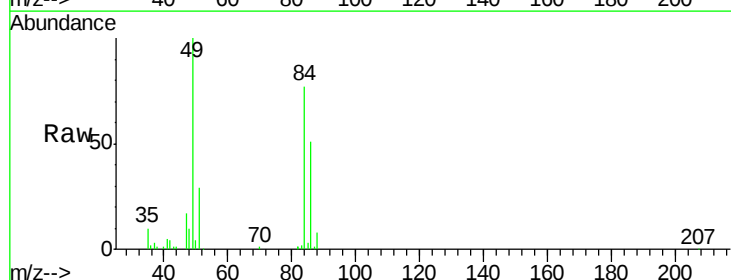
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

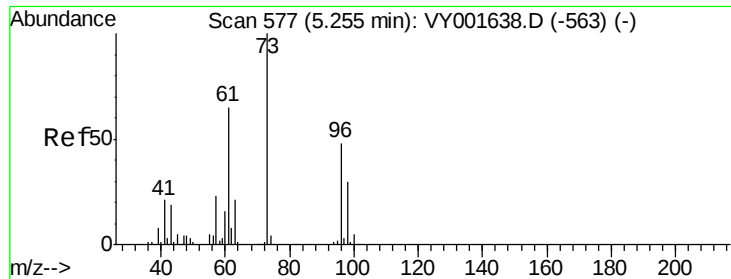
Tgt Ion: 73 Resp: 111202
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.6



#20
Methylene Chloride
Concen: 22.30 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 84 Resp: 50313
Ion Ratio Lower Upper
84 100
49 130.3 99.2 148.8
51 37.4 31.5 47.3
86 66.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.74 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

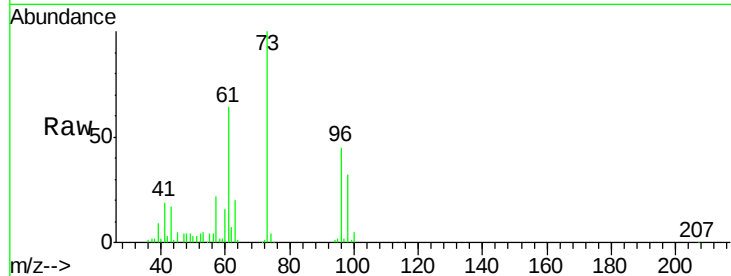
Tgt Ion: 96 Resp: 43824

Ion Ratio Lower Upper

96 100

61 143.0 107.9 161.9

98 72.1 49.8 74.8

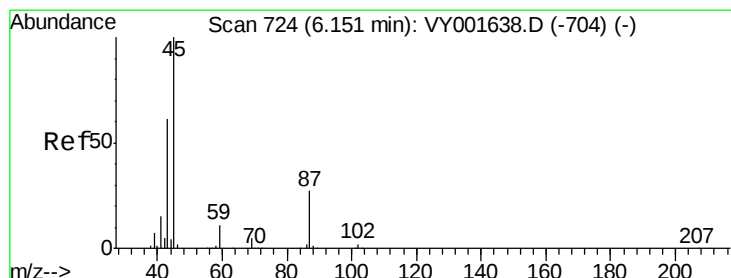
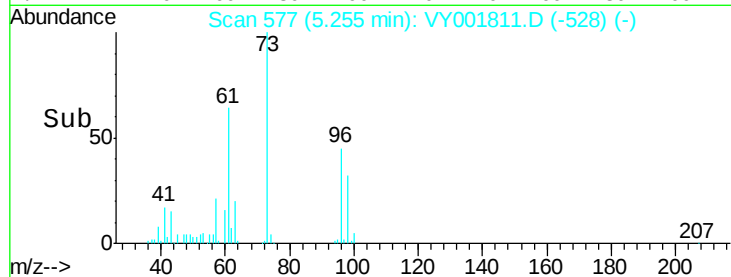
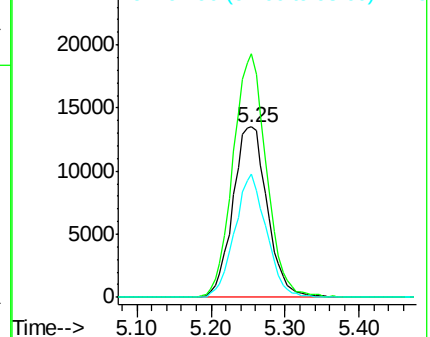


Abundance

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: 21.75 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tgt Ion: 45 Resp: 147220

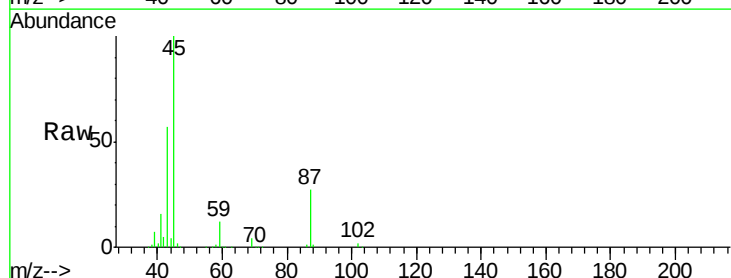
Ion Ratio Lower Upper

45 100

43 56.5 46.4 69.6

87 26.6 22.1 33.1

59 12.1 9.4 14.0



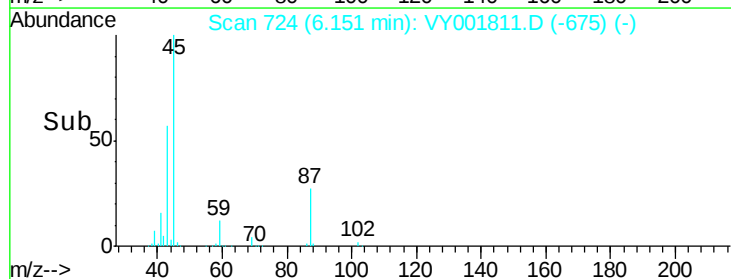
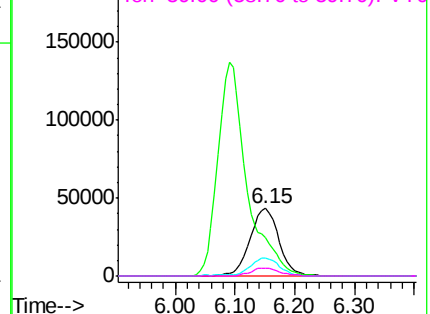
Abundance

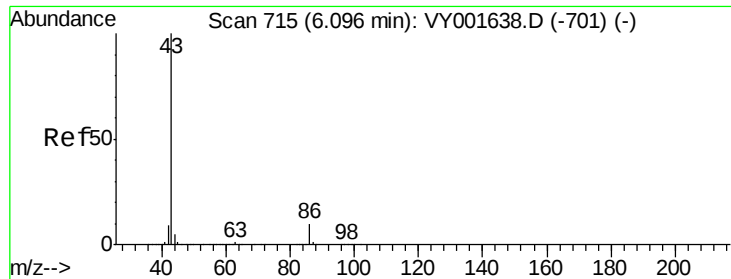
Ion 45.00 (44.70 to 45.70): VY0

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: 105.00 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

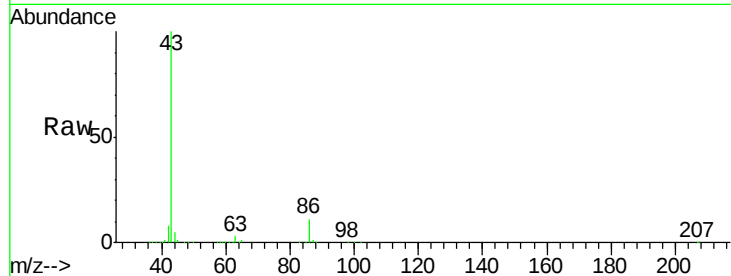
VY0302SBS01

Tgt Ion: 43 Resp: 463513

Ion Ratio Lower Upper

43 100

86 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

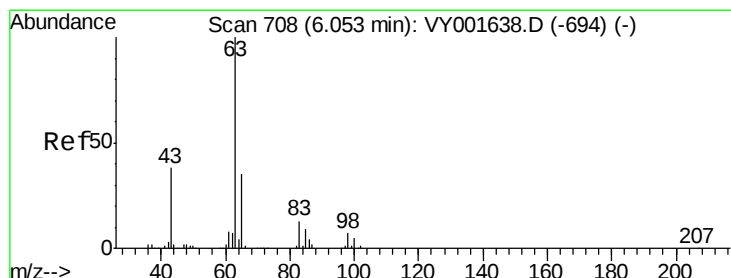
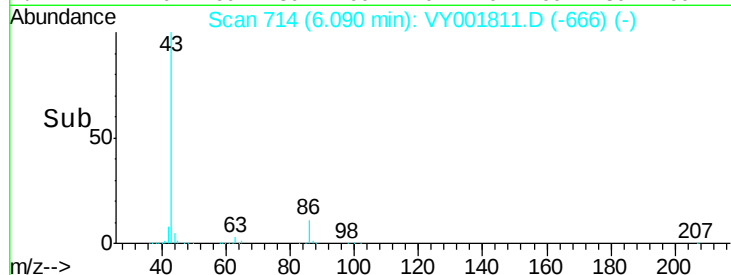
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.86 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

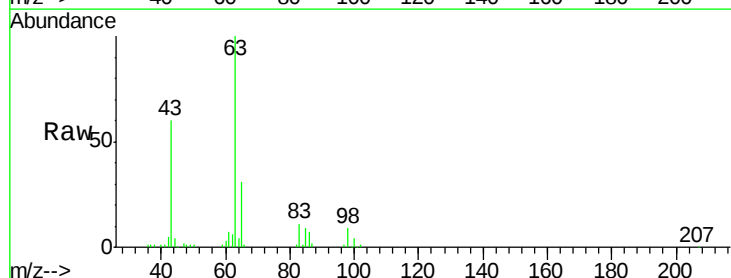
Tgt Ion: 63 Resp: 79057

Ion Ratio Lower Upper

63 100

98 9.2 3.4 10.2

100 4.3 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

6.05

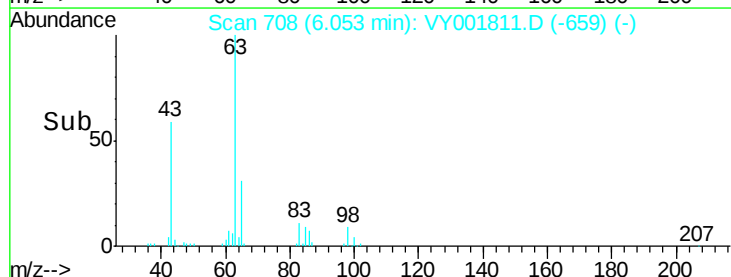
30000

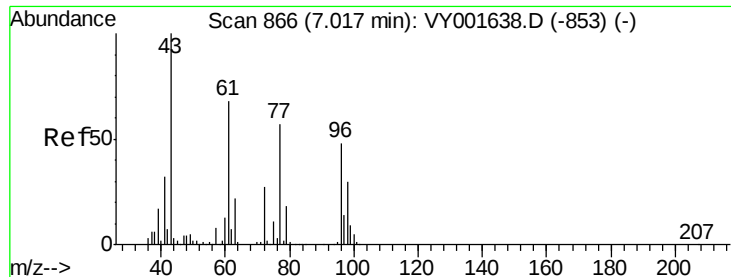
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

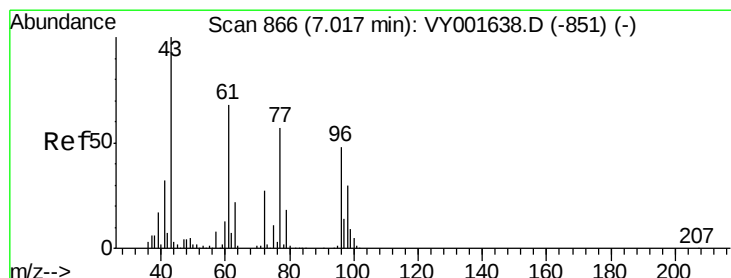
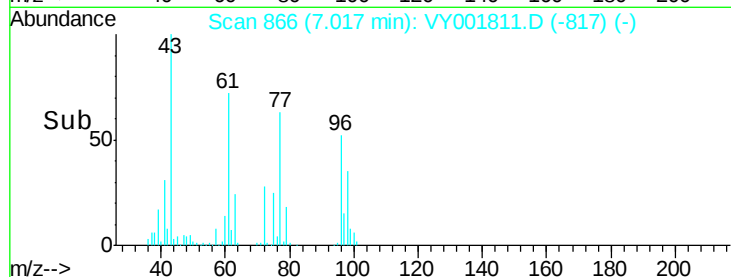
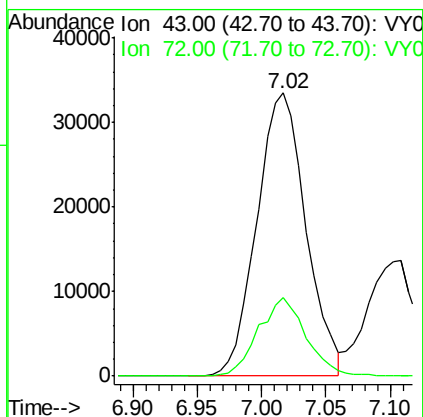
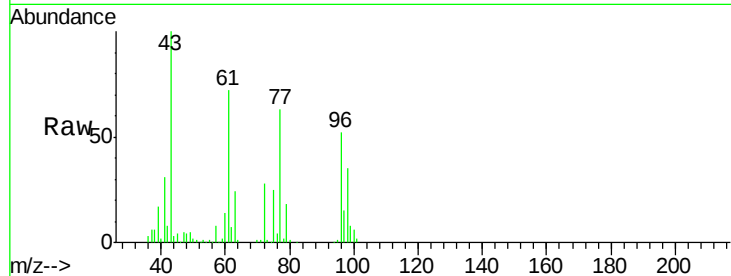




#25
2-Butanone
Concen: 102.63 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

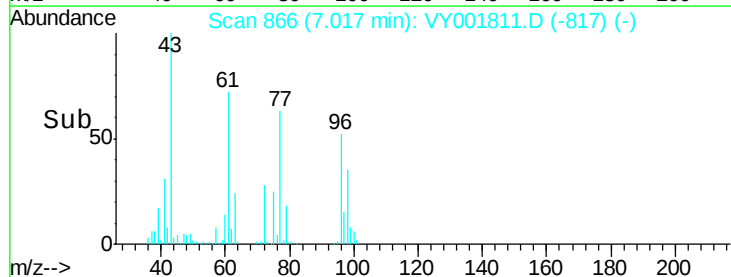
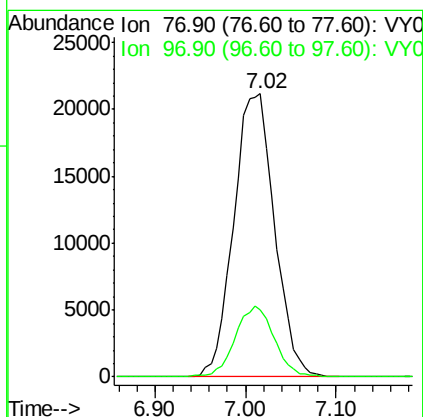
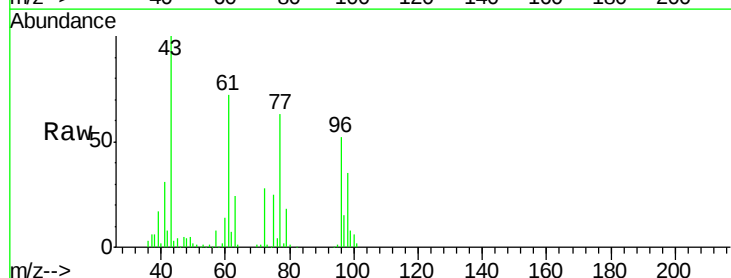
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tgt Ion: 43 Resp: 88551
Ion Ratio Lower Upper
43 100
72 27.7 21.2 31.8



#26
2,2-Dichloropropane
Concen: 20.93 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 77 Resp: 65876
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 21.28 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

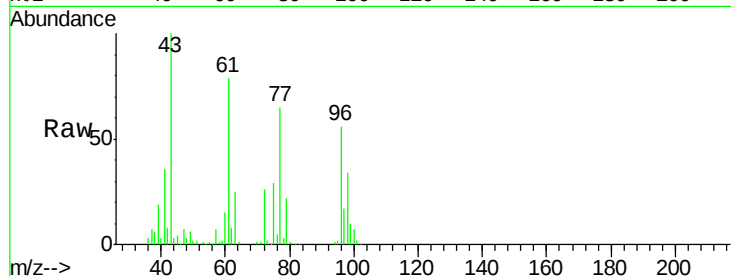
Tgt Ion: 96 Resp: 49626

Ion Ratio Lower Upper

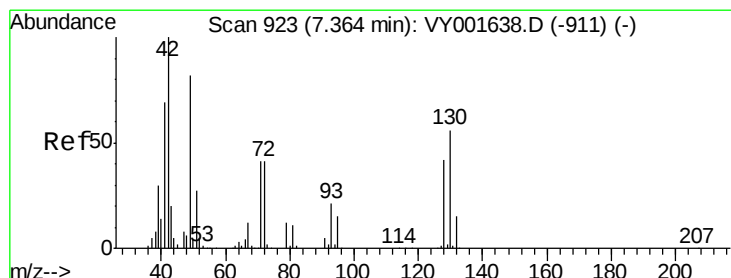
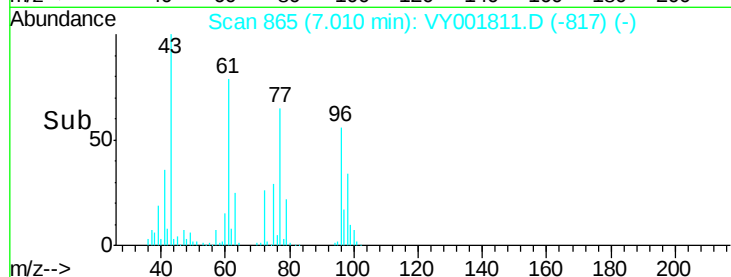
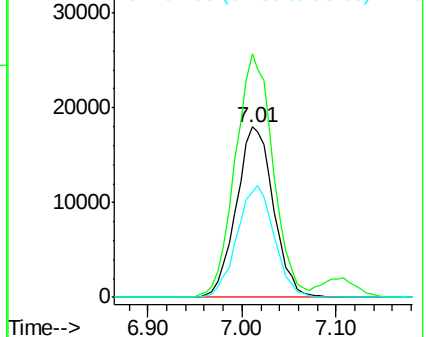
96 100

61 145.3 0.0 290.8

98 65.2 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: 20.36 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

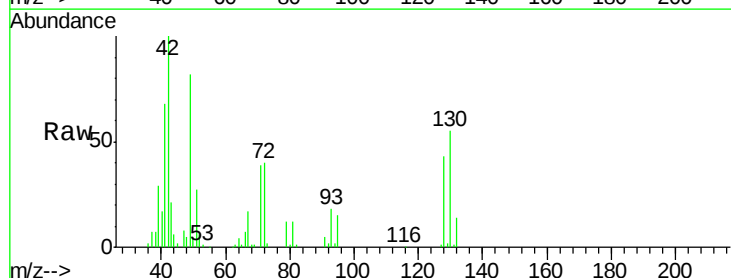
Tgt Ion: 49 Resp: 30678

Ion Ratio Lower Upper

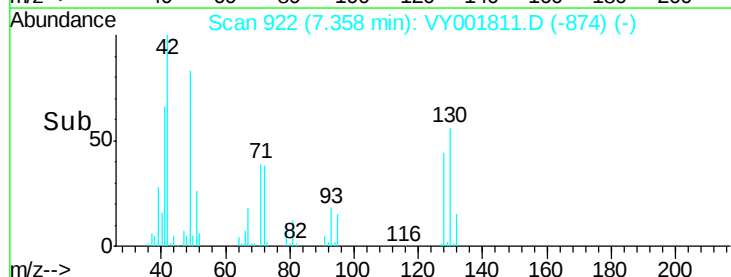
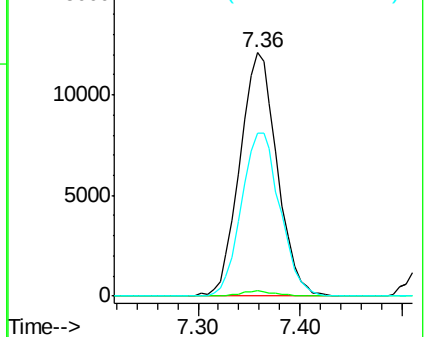
49 100

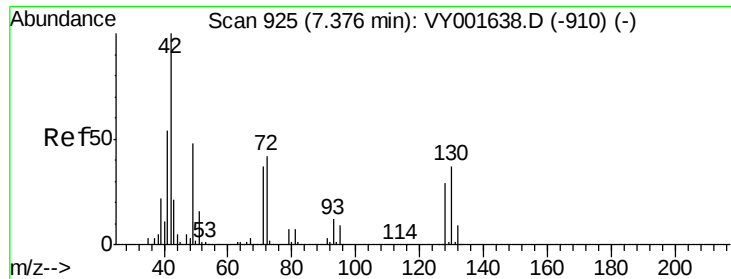
129 1.7 0.0 3.6

130 69.4 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

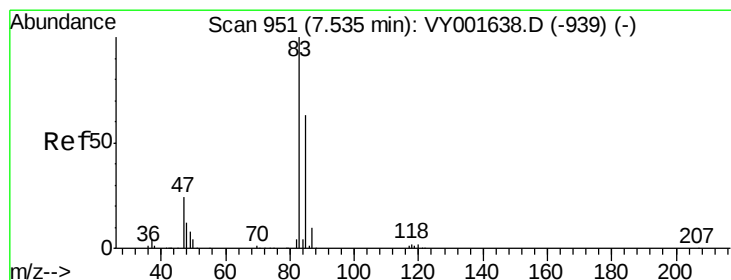
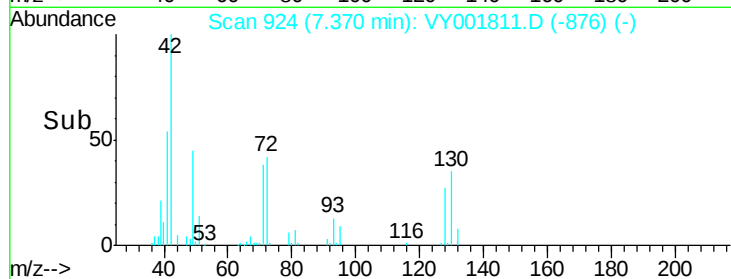
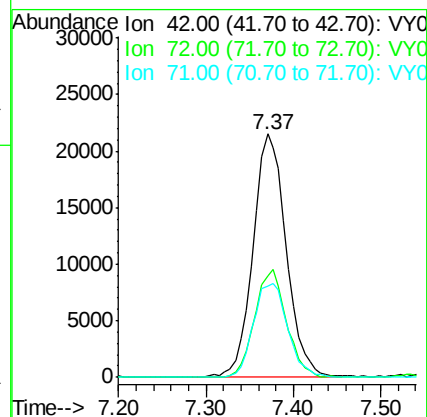
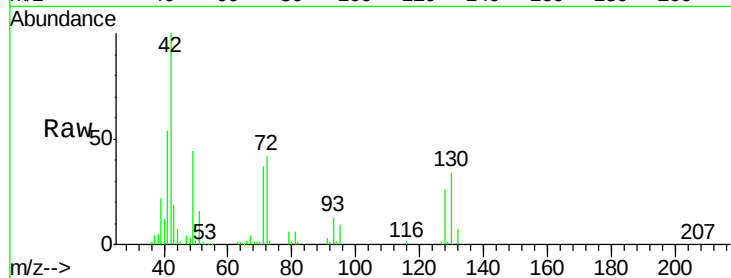




#29
Tetrahydrofuran
Concen: 109.05 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

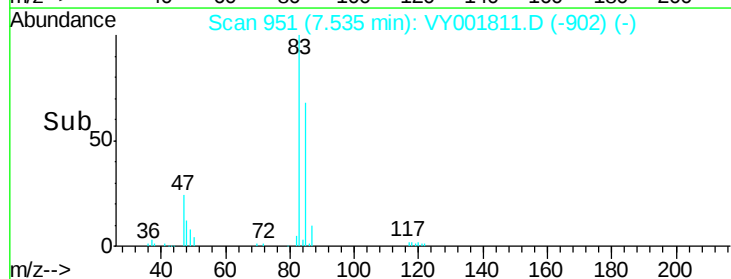
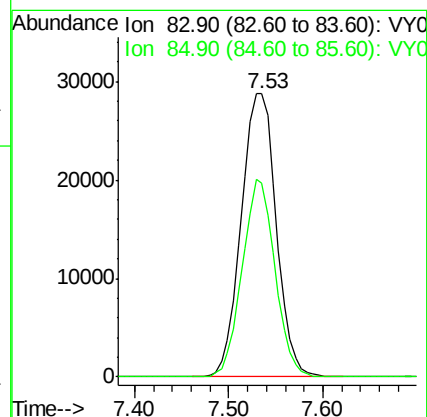
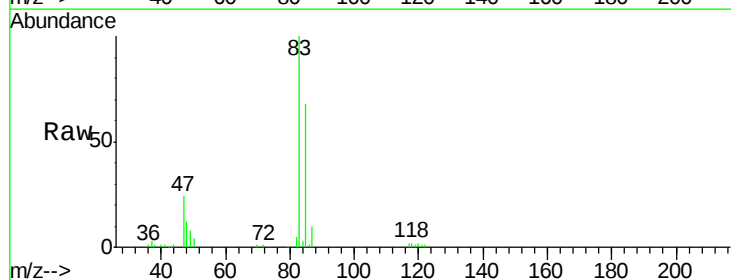
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

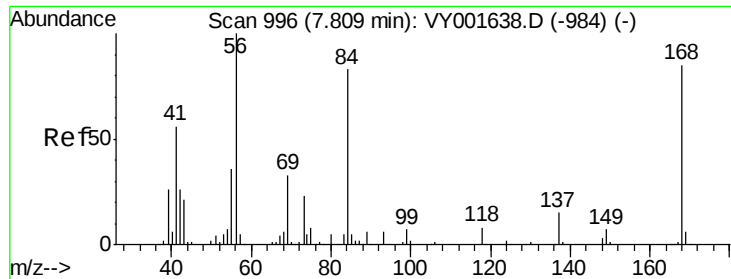
Tgt Ion: 42 Resp: 56873
Ion Ratio Lower Upper
42 100
72 42.4 34.4 51.6
71 39.7 31.8 47.8



#30
Chloroform
Concen: 21.20 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 83 Resp: 74924
Ion Ratio Lower Upper
83 100
85 68.5 51.6 77.4

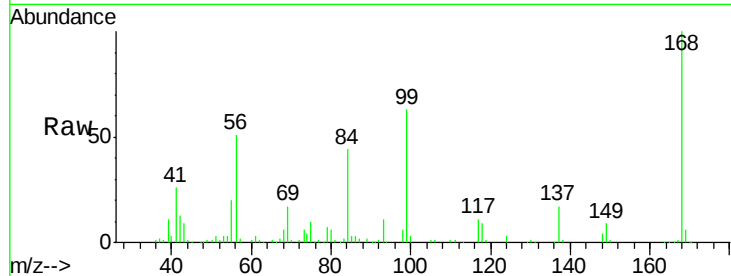




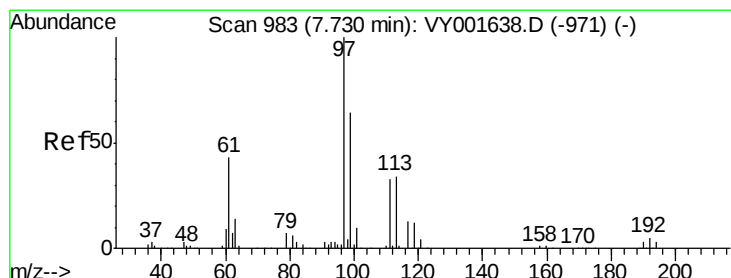
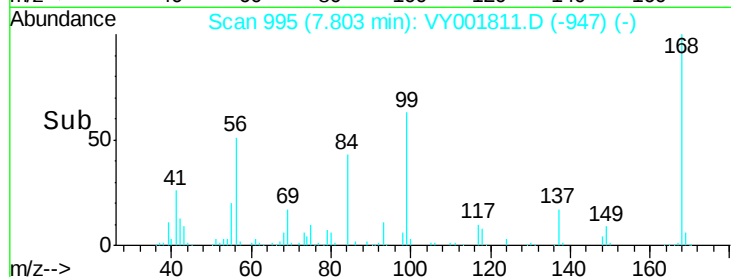
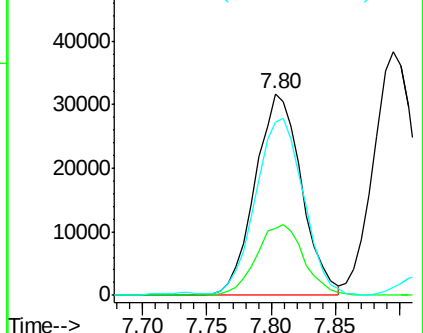
#31
Cyclohexane
Concen: 20.52 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tgt Ion: 56 Resp: 79137
Ion Ratio Lower Upper
56 100
69 33.1 25.1 37.7
84 84.5 66.9 100.3

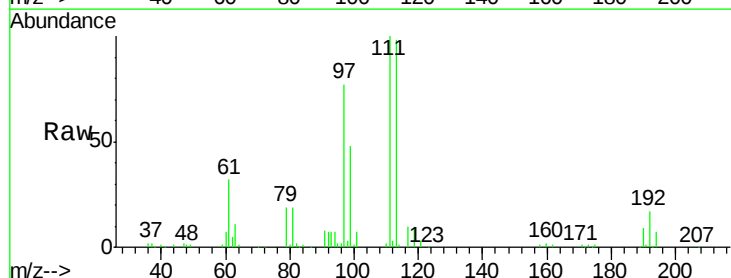


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

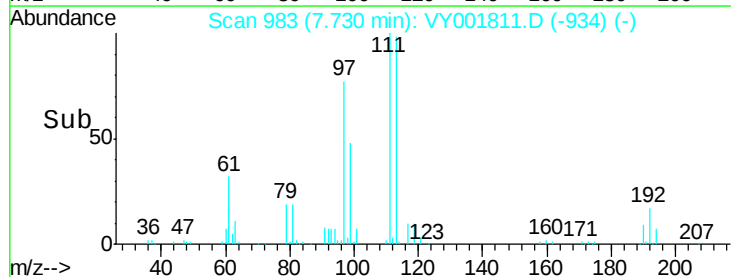
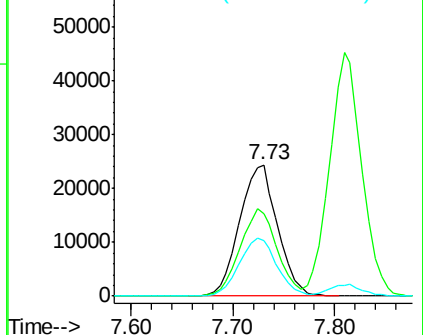


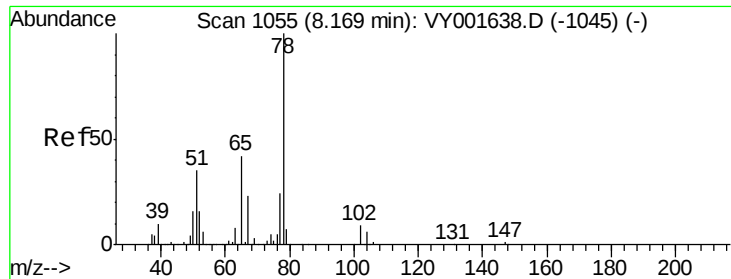
#32
1,1,1-Trichloroethane
Concen: 21.14 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 97 Resp: 62805
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 44.0 35.0 52.6



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

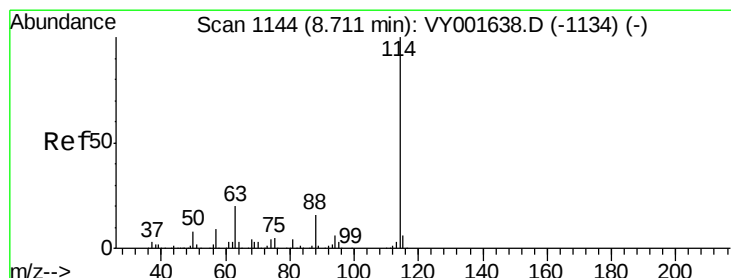
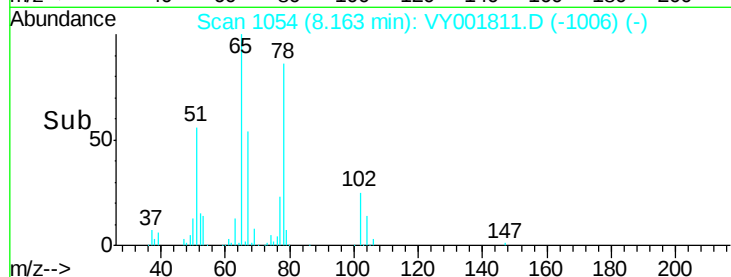
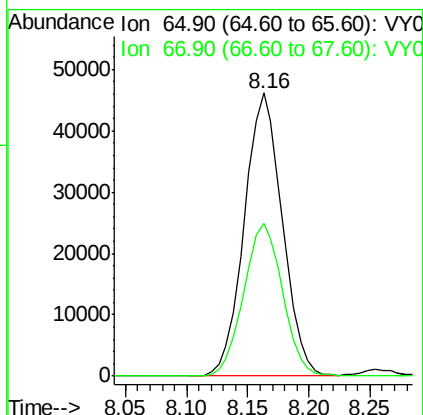
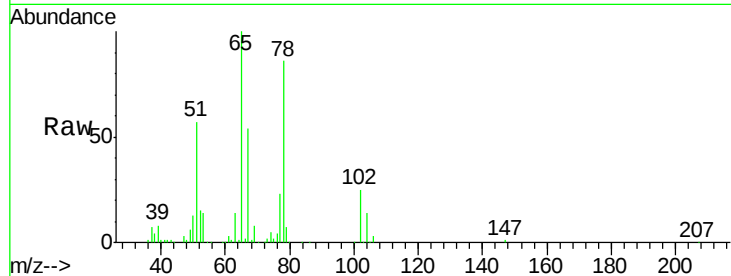




#33
 1,2-Dichloroethane-d4
 Concen: 54.37 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

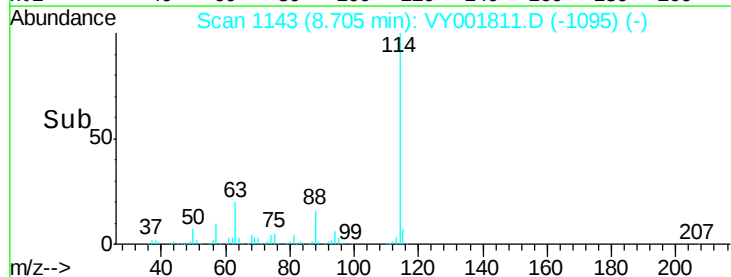
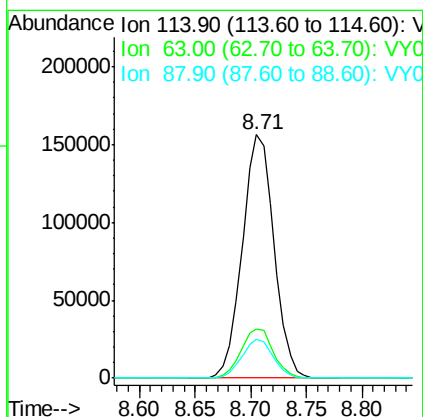
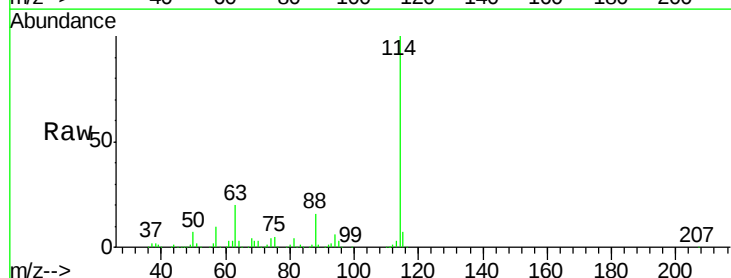
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

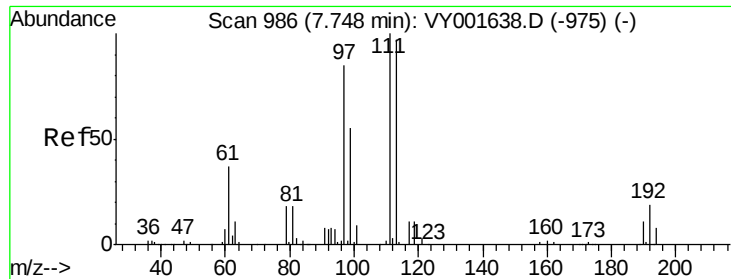
Tgt Ion: 65 Resp: 99809
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 114 Resp: 308920
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.8 0.0 32.8

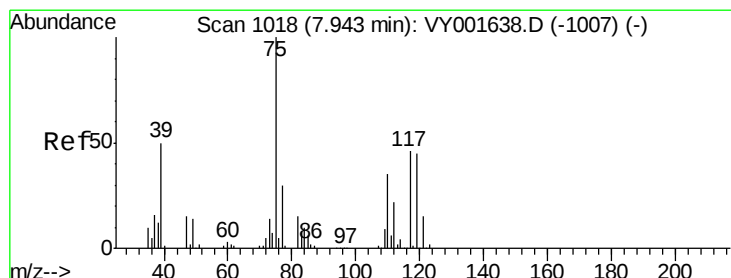
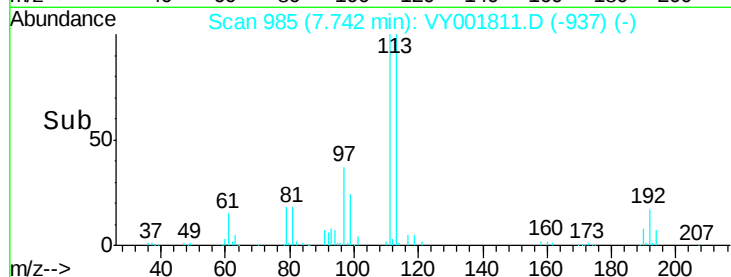
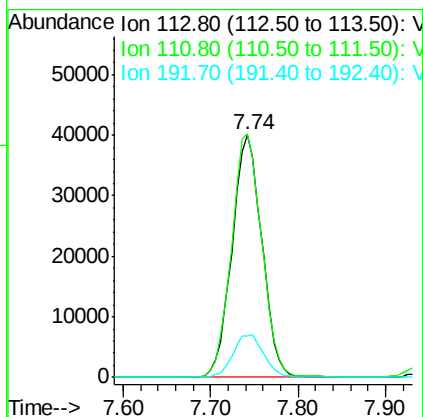
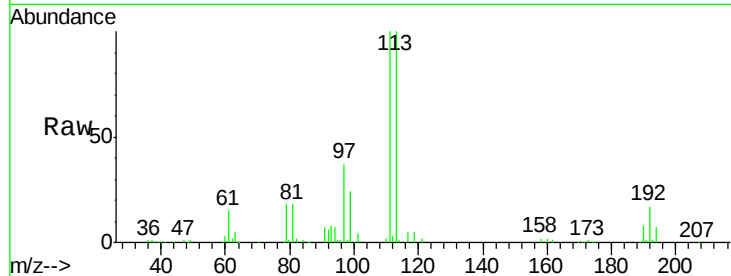




#35
 Dibromofluoromethane
 Concen: 53.70 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

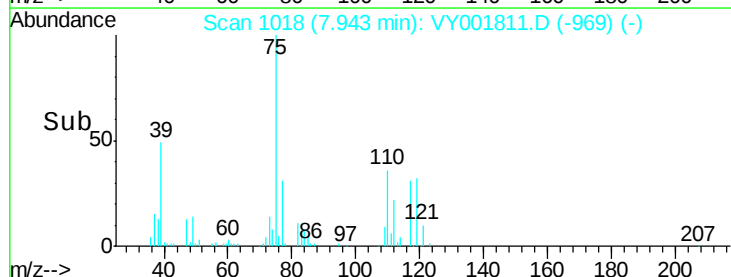
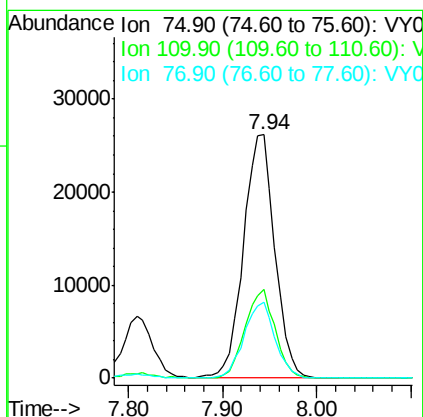
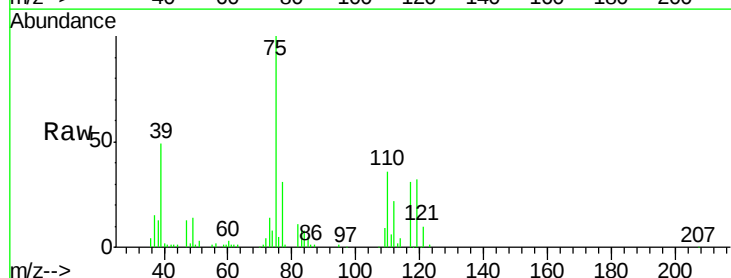
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

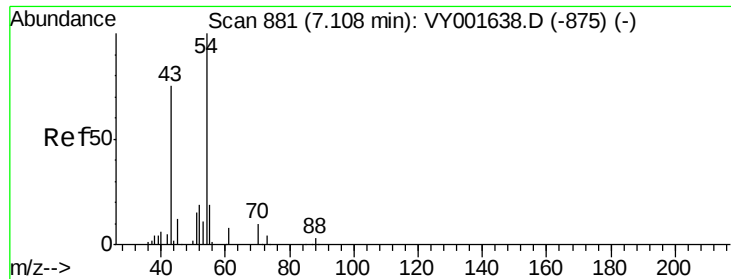
Tgt Ion:113 Resp: 95015
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 18.1 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 20.72 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 75 Resp: 61126
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.2 51.6
 77 30.8 24.8 37.2

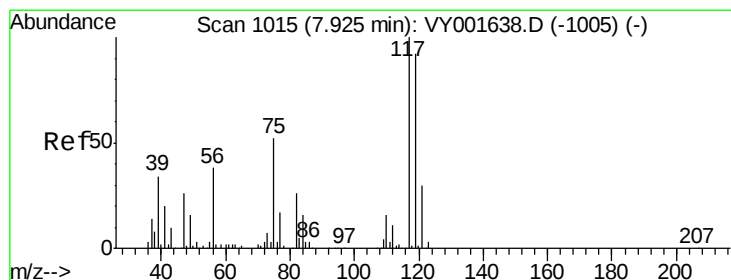
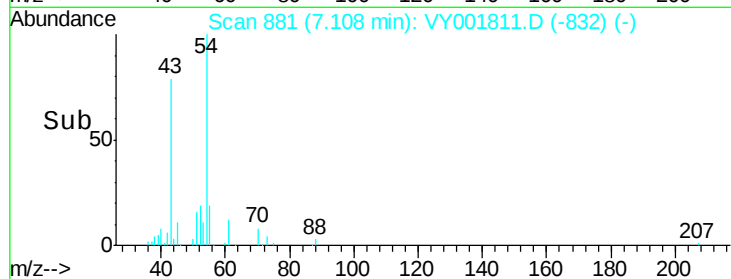
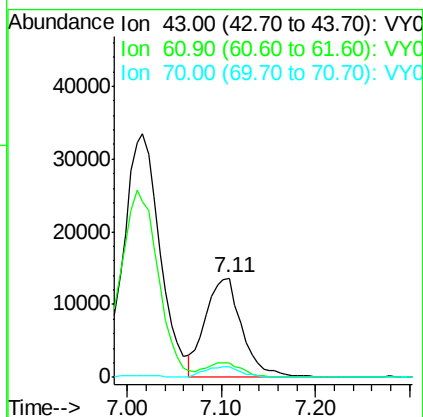
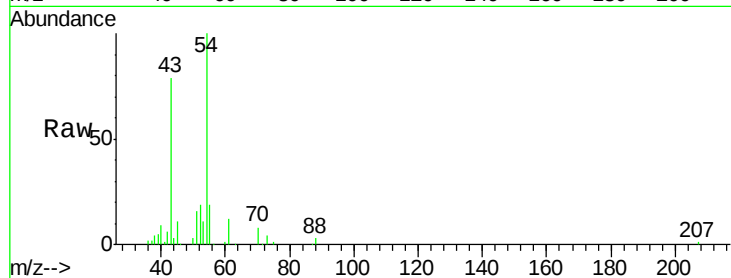




#37
Ethyl Acetate
Concen: 21.05 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

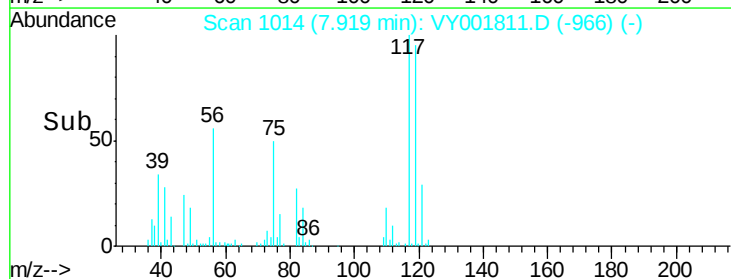
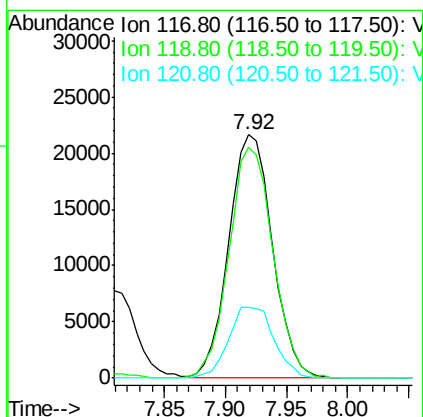
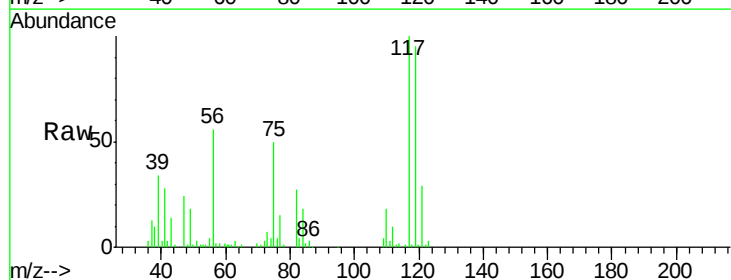
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

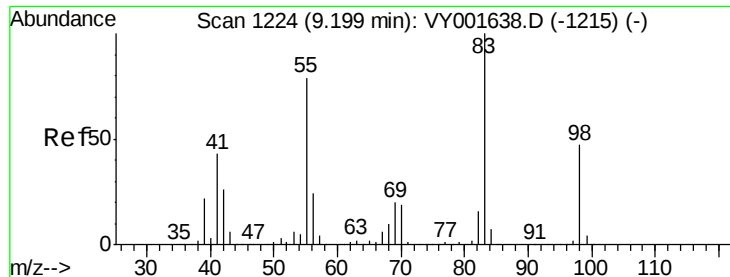
Tgt Ion: 43 Resp: 37079
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.6
70 10.6 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.68 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 117 Resp: 53610
Ion Ratio Lower Upper
117 100
119 94.8 74.8 112.2
121 29.0 23.8 35.6

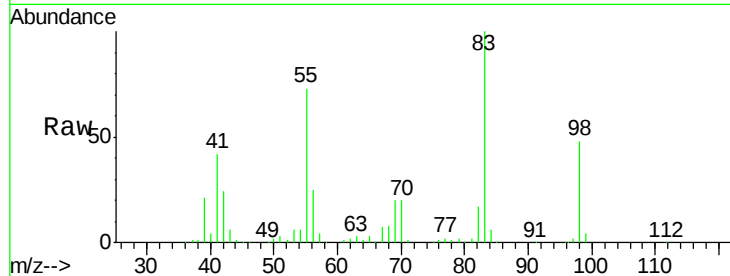




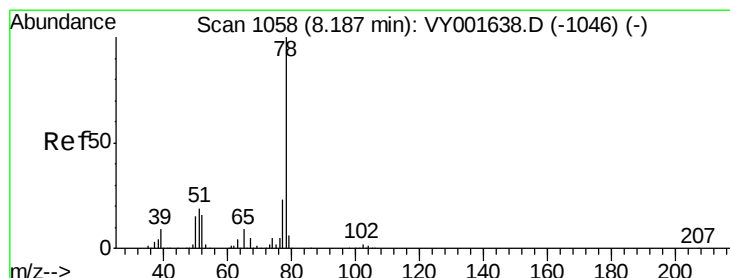
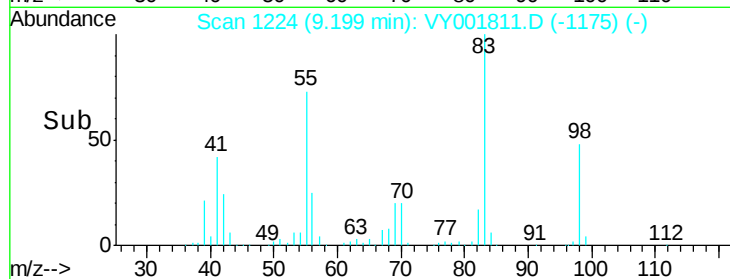
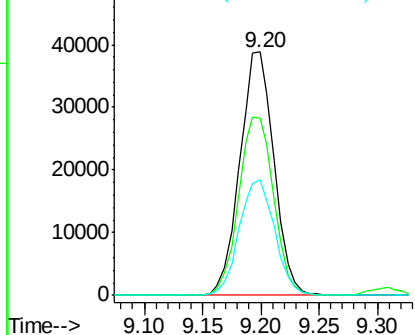
#39
Methylcyclohexane
Concen: 20.32 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tgt Ion: 83 Resp: 79529
Ion Ratio Lower Upper
83 100
55 72.9 61.3 91.9
98 47.5 38.0 57.0

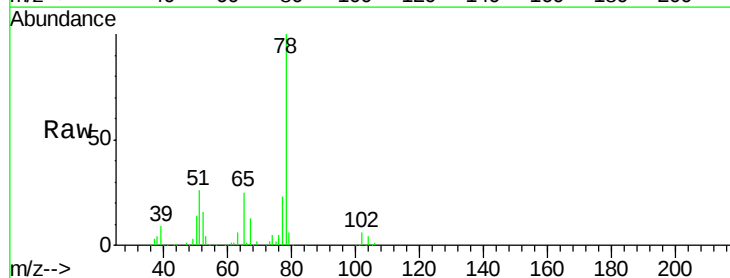


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

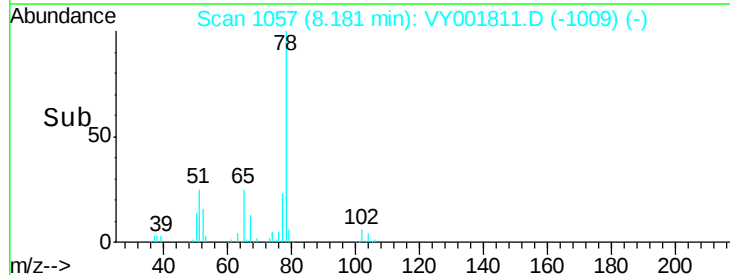
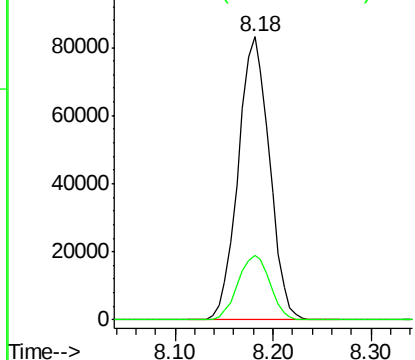


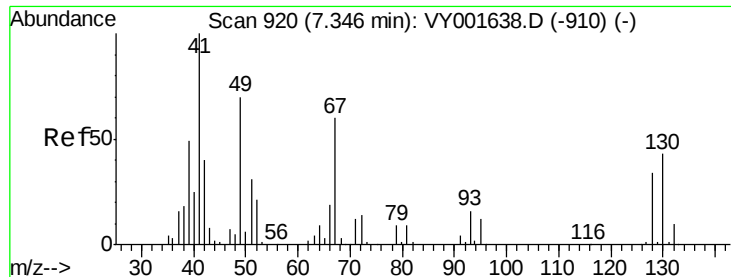
#40
Benzene
Concen: 21.27 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 78 Resp: 184584
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.4



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





#41

Methacrylonitrile

Concen: 21.87 ug/l

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

Tgt Ion: 41 Resp: 19344

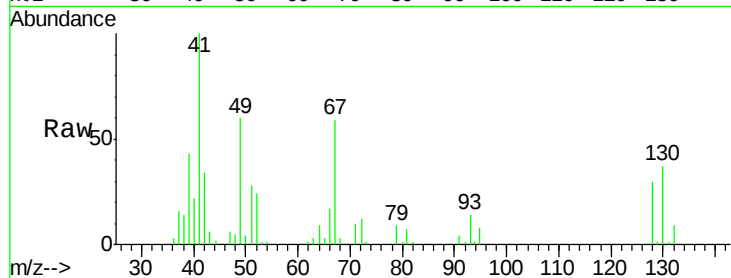
Ion Ratio Lower Upper

41 100

39 57.7 36.0 54.0#

67 83.0 0.0 0.0#

52 31.8 0.0 0.0#

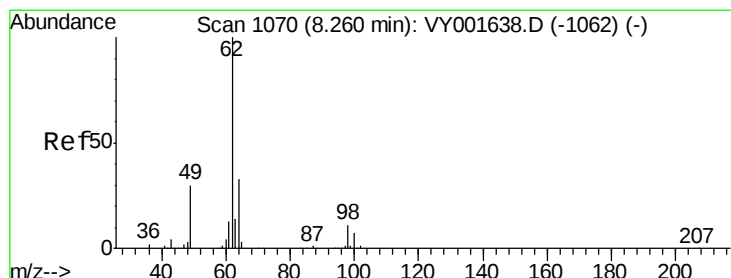
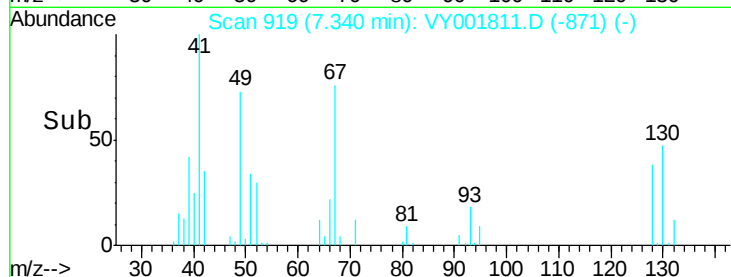
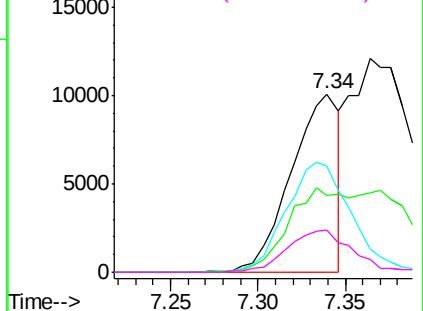


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.01 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY001811.D

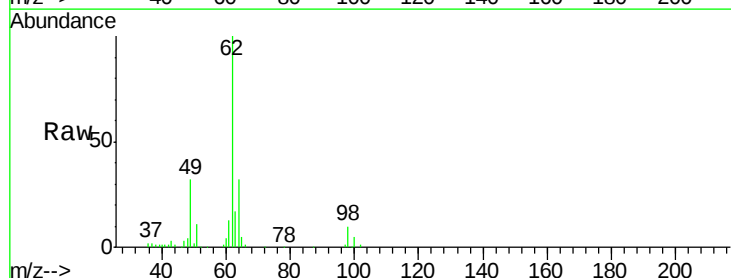
Acq: 02 Mar 2020 11:45

Tgt Ion: 62 Resp: 49676

Ion Ratio Lower Upper

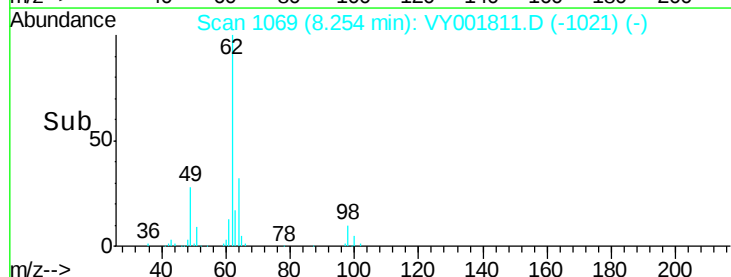
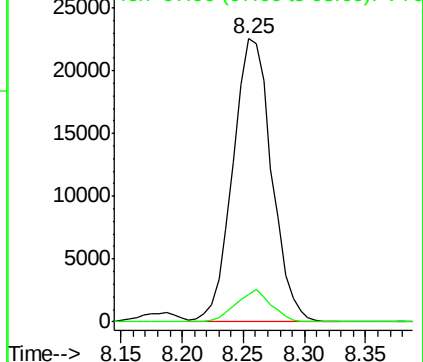
62 100

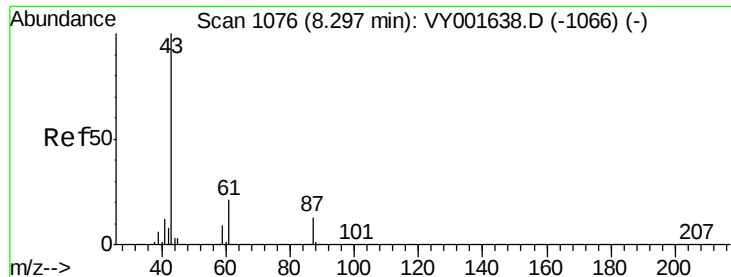
98 10.4 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.19 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

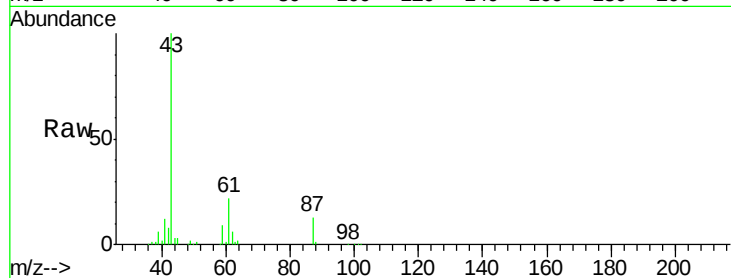
Tgt Ion: 43 Resp: 70819

Ion Ratio Lower Upper

43 100

61 29.5 23.0 34.4

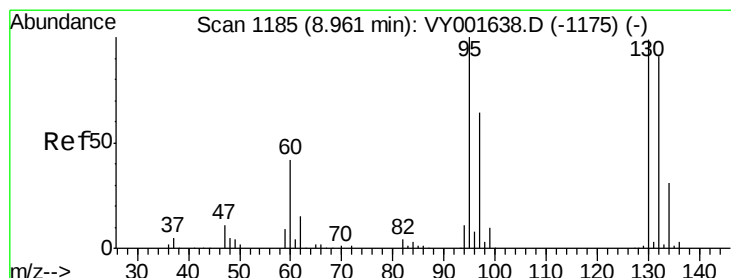
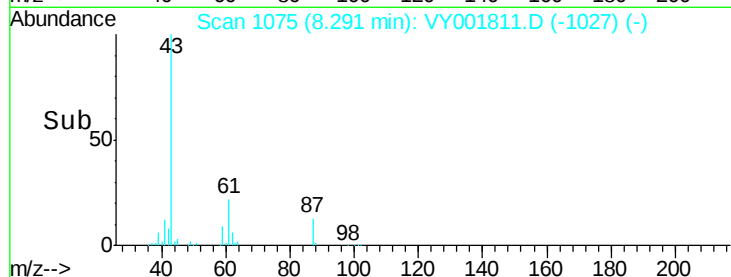
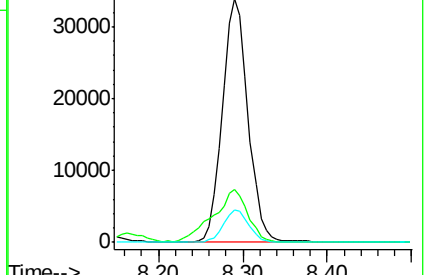
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001811.D (-1075) (-)

Ion 61.00 (60.70 to 61.70): VY001811.D (-1075) (-)

Ion 87.00 (86.70 to 87.70): VY001811.D (-1075) (-)



#44

Trichloroethene

Concen: 21.06 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001811.D

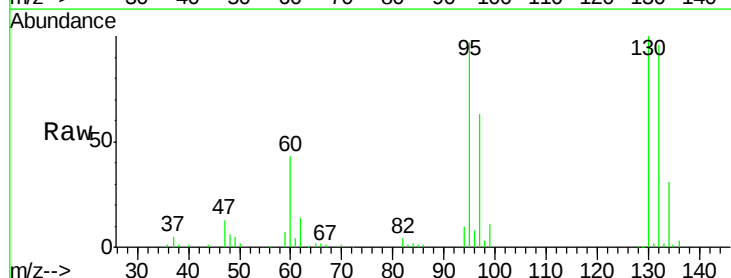
Acq: 02 Mar 2020 11:45

Tgt Ion: 130 Resp: 45626

Ion Ratio Lower Upper

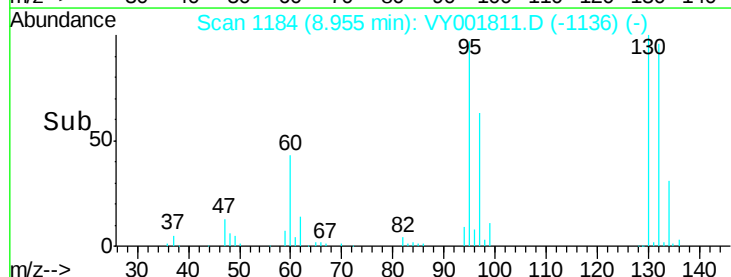
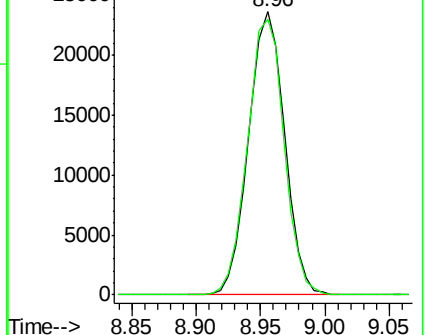
130 100

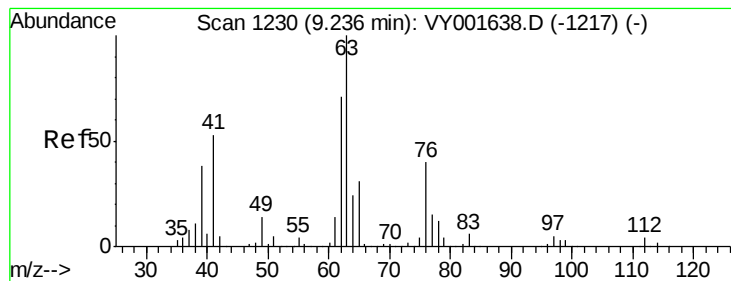
95 97.4 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001811.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY001811.D (-1184) (-)





#45

1,2-Dichloropropane

Concen: 21.98 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

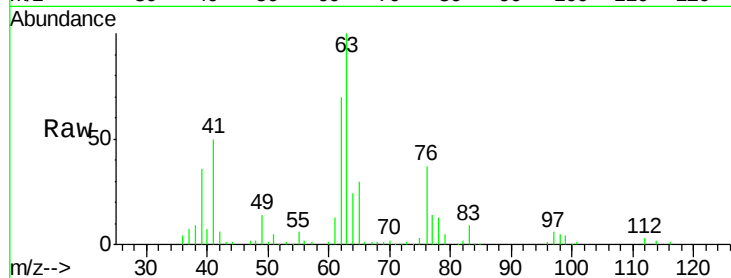
VY0302SBS01

Tgt Ion: 63 Resp: 47768

Ion Ratio Lower Upper

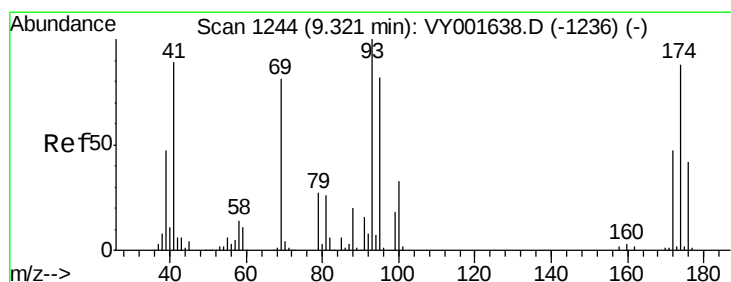
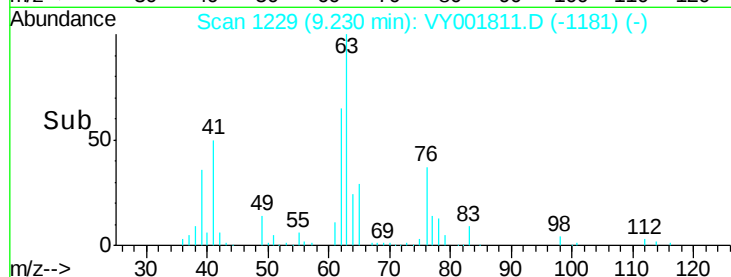
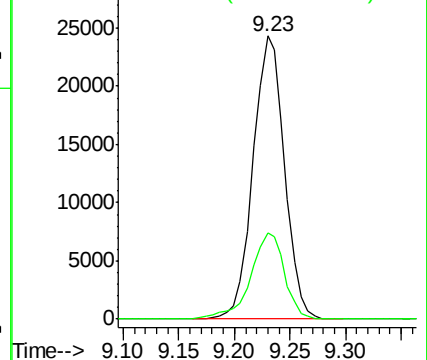
63 100

65 30.4 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.36 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

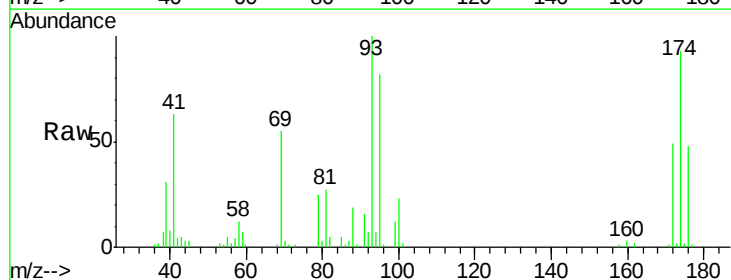
Tgt Ion: 93 Resp: 24285

Ion Ratio Lower Upper

93 100

95 84.1 66.1 99.1

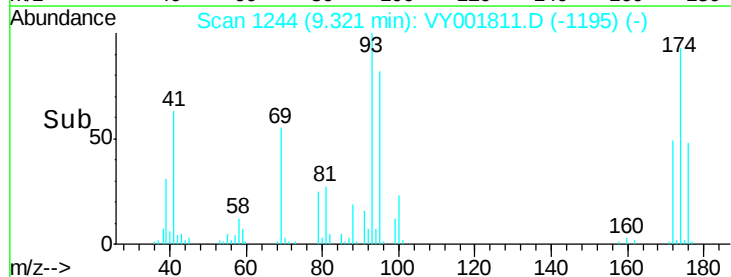
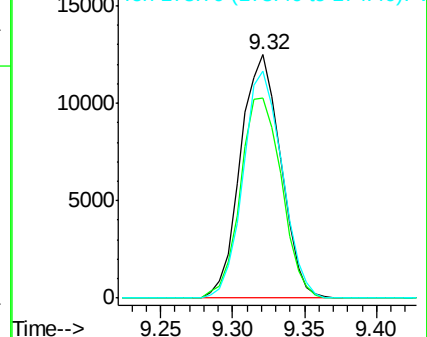
174 89.9 72.5 108.7

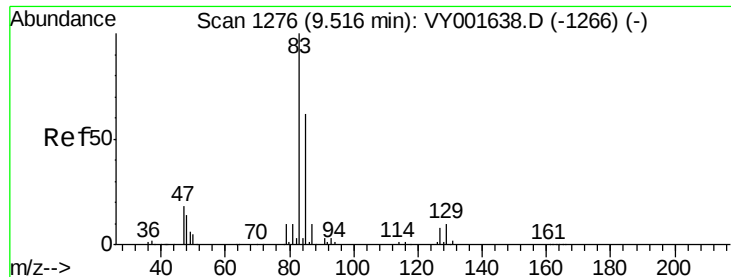


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 21.19 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

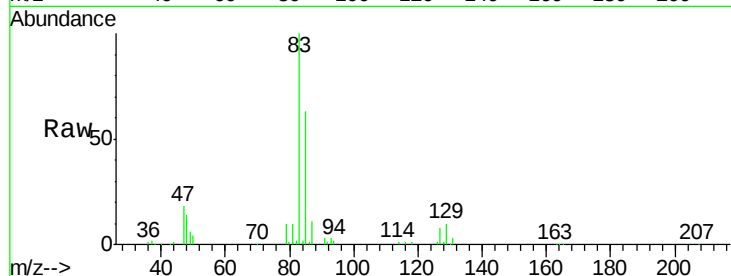
Tgt Ion: 83 Resp: 58143

Ion Ratio Lower Upper

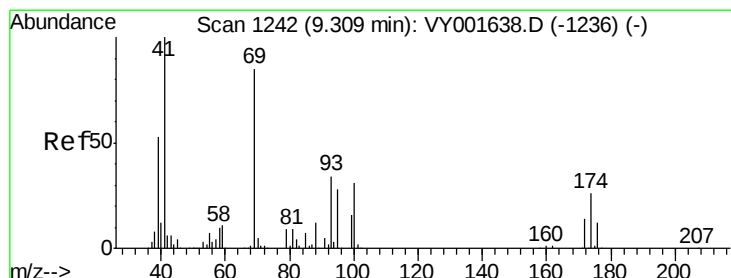
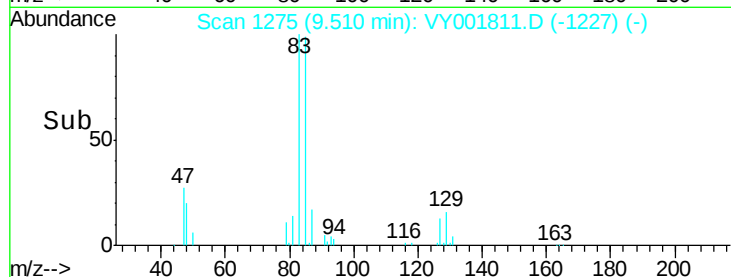
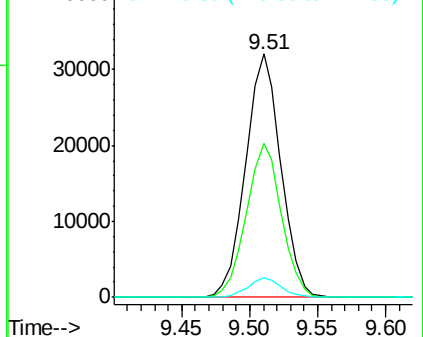
83 100

85 63.1 51.4 77.0

127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.81 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

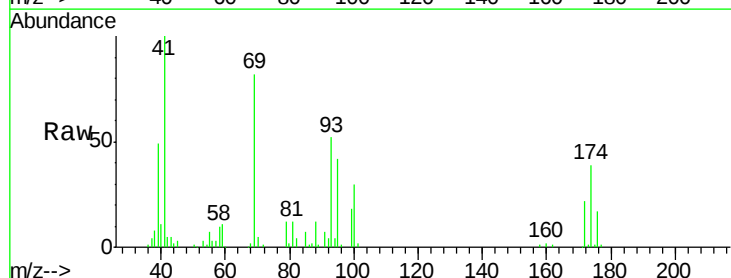
Tgt Ion: 41 Resp: 31449

Ion Ratio Lower Upper

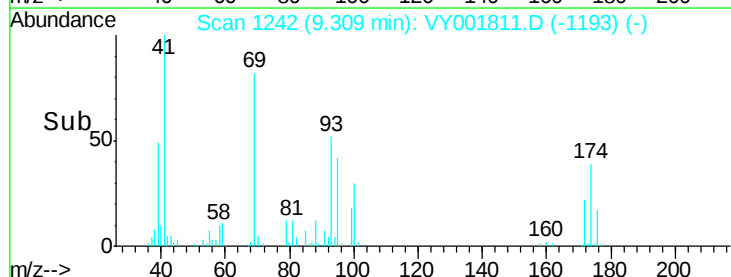
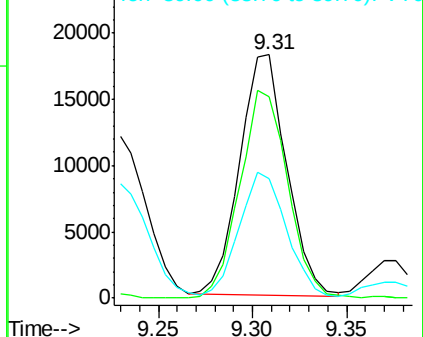
41 100

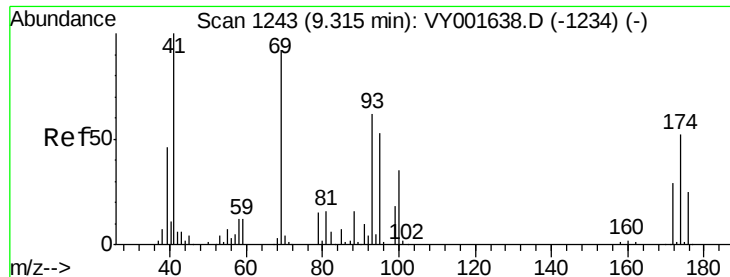
69 87.9 70.7 106.1

39 53.4 42.2 63.2



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





#49

1,4-Dioxane

Concen: 410.63 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

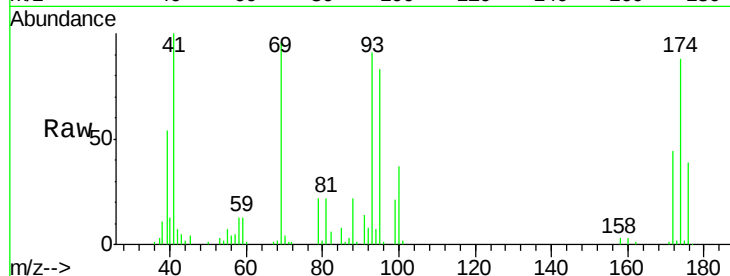
Tgt Ion: 88 Resp: 6593

Ion Ratio Lower Upper

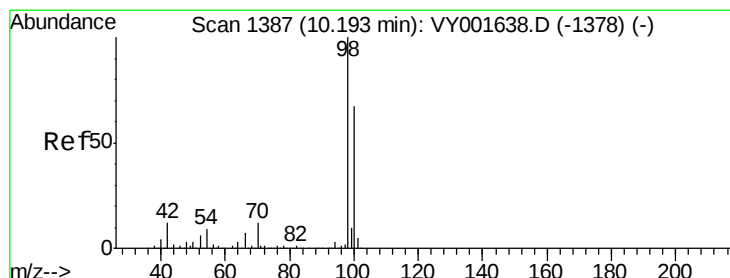
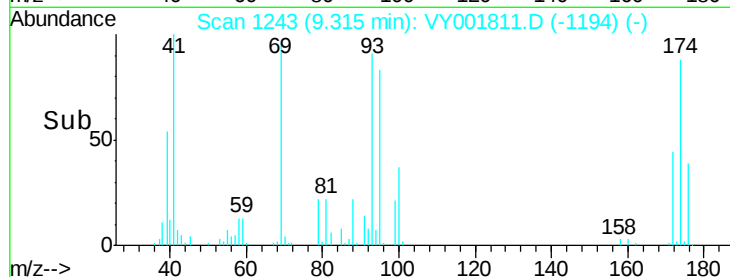
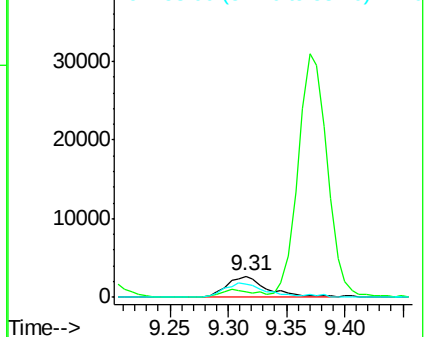
88 100

43 31.7 23.1 34.7

58 69.2 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



#50

Toluene-d8

Concen: 56.11 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001811.D

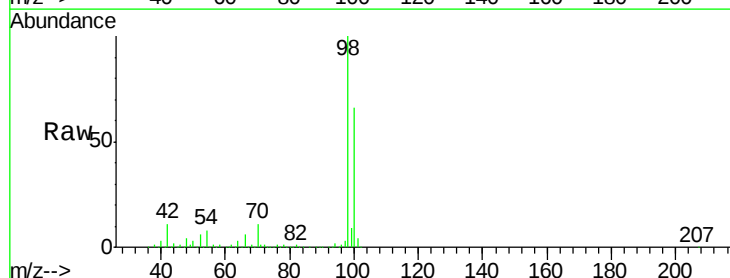
Acq: 02 Mar 2020 11:45

Tgt Ion: 98 Resp: 388943

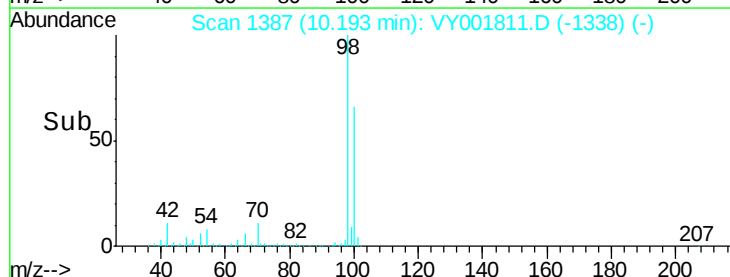
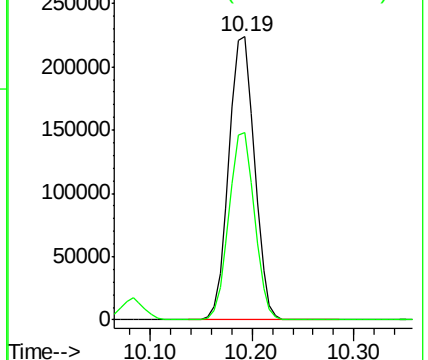
Ion Ratio Lower Upper

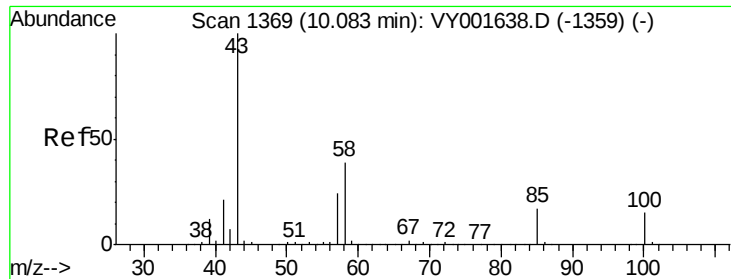
98 100

100 66.0 53.0 79.4



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

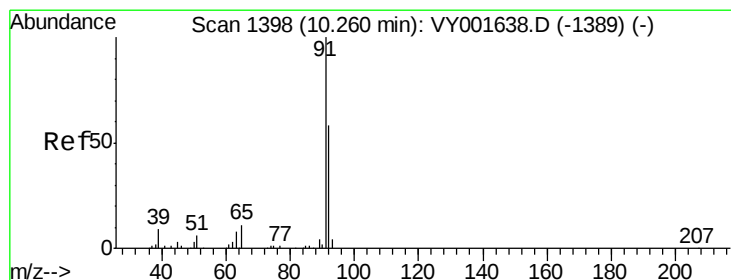
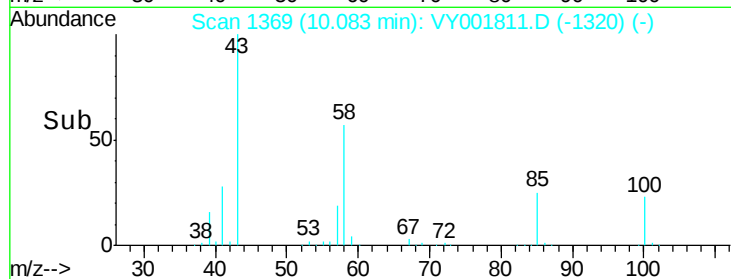
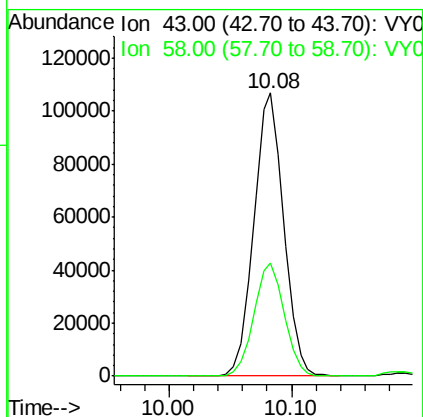
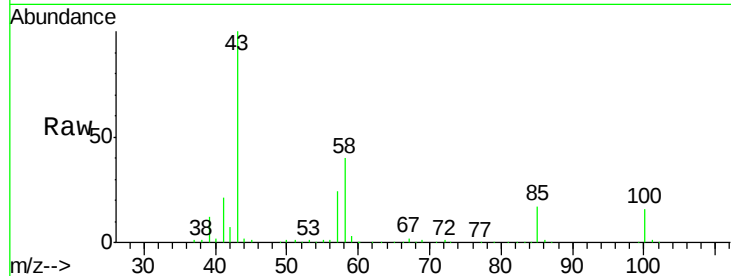




#51
 4-Methyl-2-Pentanone
 Concen: 105.65 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

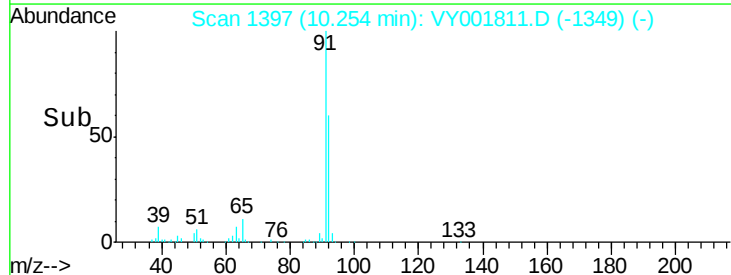
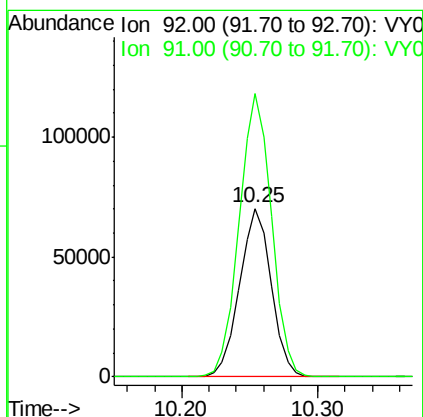
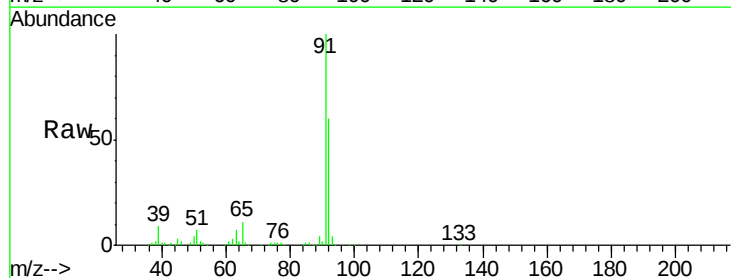
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

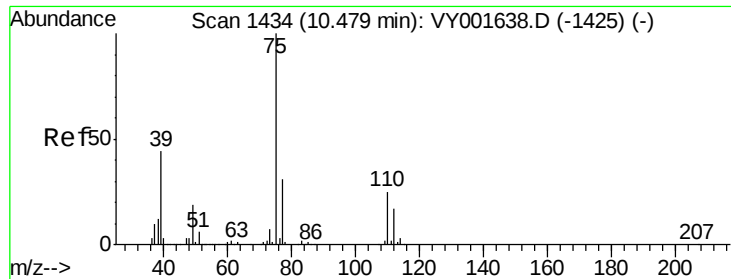
Tgt Ion: 43 Resp: 181386
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.2 48.4



#52
 Toluene
 Concen: 21.10 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 92 Resp: 114217
 Ion Ratio Lower Upper
 92 100
 91 171.3 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 21.15 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

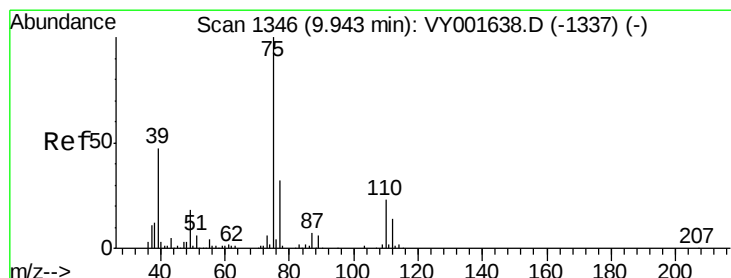
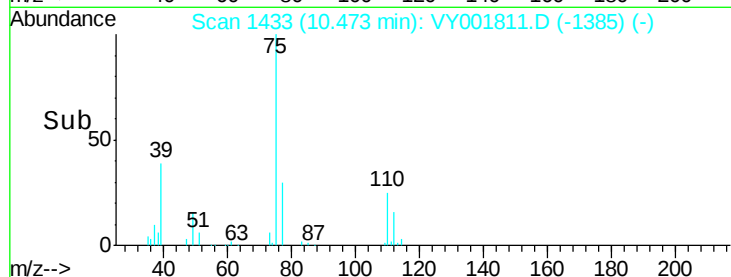
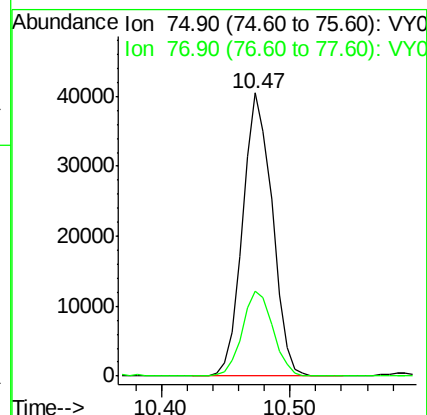
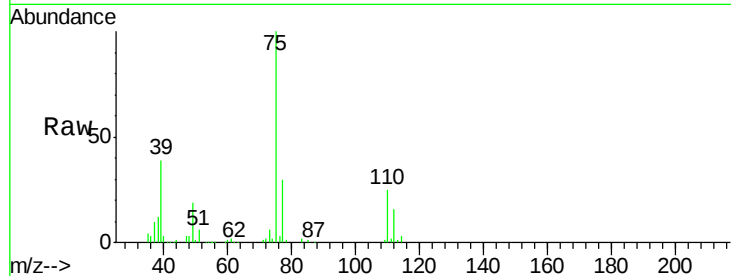
VY0302SBS01

Tgt Ion: 75 Resp: 64163

Ion Ratio Lower Upper

75 100

77 30.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.30 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

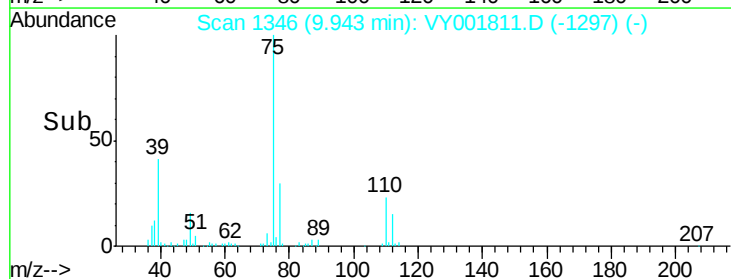
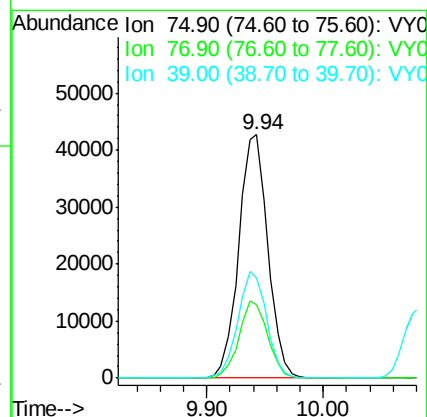
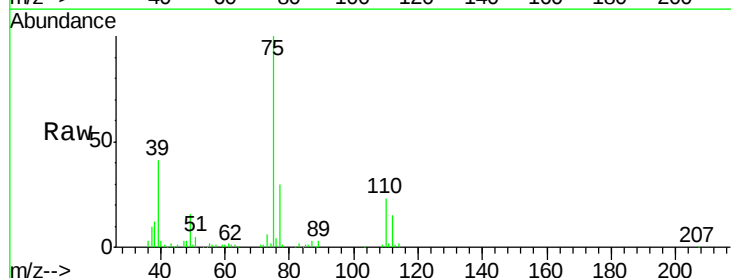
Tgt Ion: 75 Resp: 74369

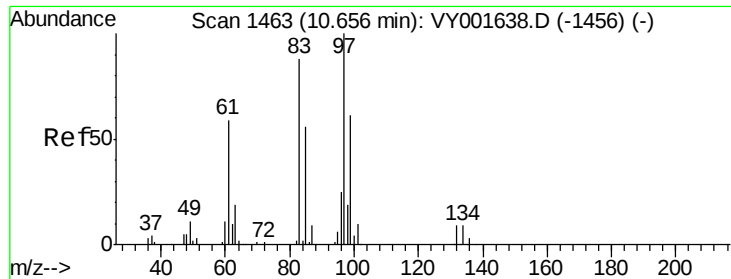
Ion Ratio Lower Upper

75 100

77 30.1 25.7 38.5

39 41.0 35.7 53.5

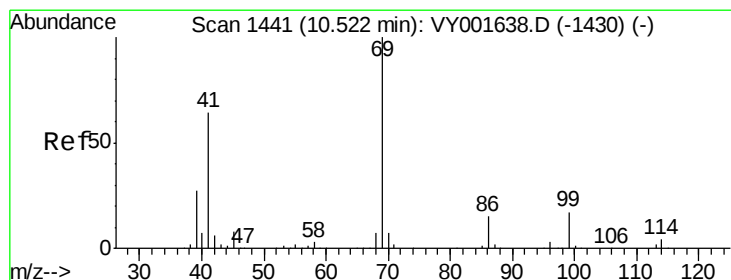
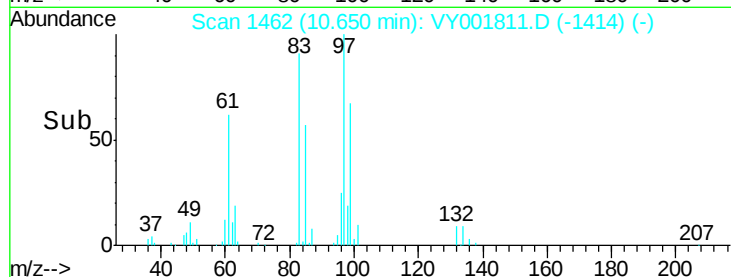
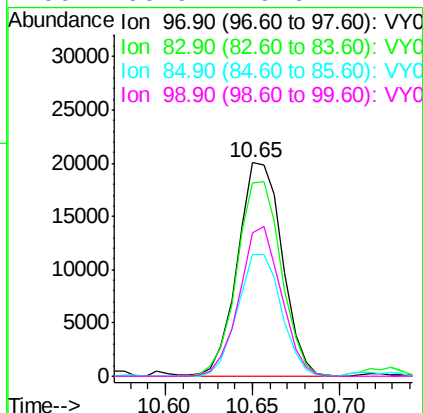
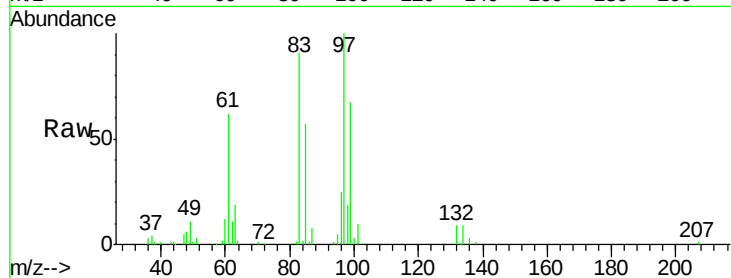




#55
 1,1,2-Trichloroethane
 Concen: 21.18 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

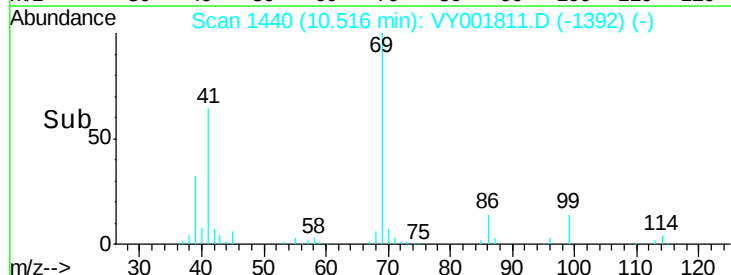
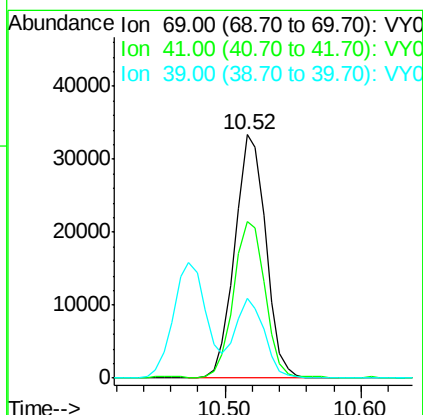
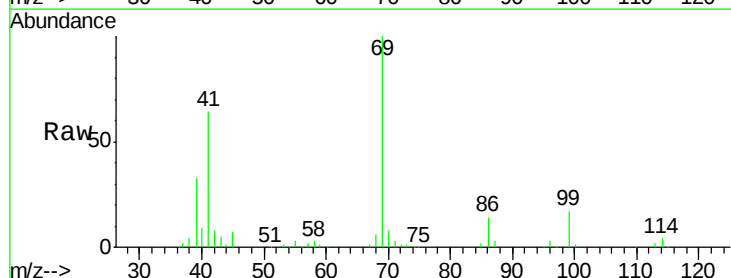
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

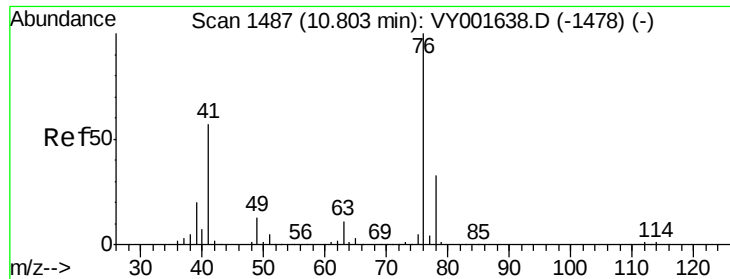
Tgt Ion: 97 Resp: 35508
 Ion Ratio Lower Upper
 97 100
 83 90.3 69.7 104.5
 85 57.1 44.5 66.7
 99 66.9 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 21.15 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 69 Resp: 53185
 Ion Ratio Lower Upper
 69 100
 41 65.4 51.0 76.4
 39 31.0 24.7 37.1





#57

1,3-Dichloropropane

Concen: 21.77 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

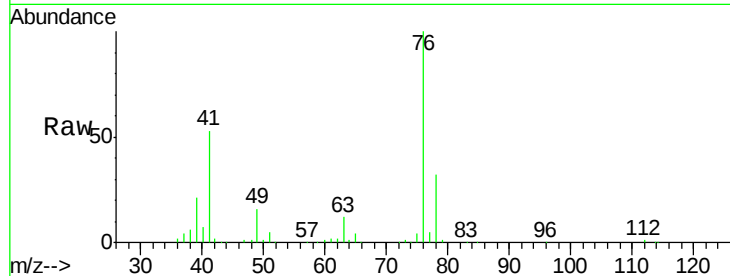
VY0302SBS01

Tgt Ion: 76 Resp: 64843

Ion Ratio Lower Upper

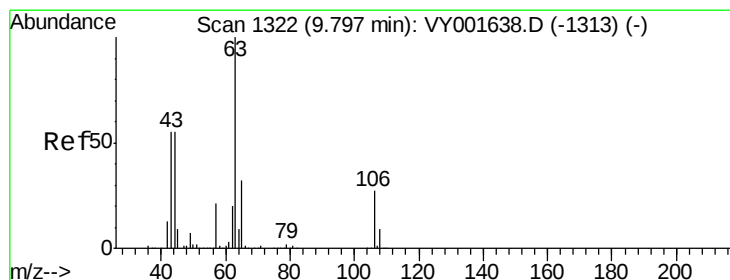
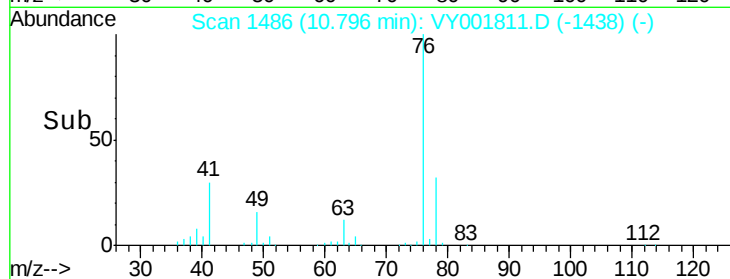
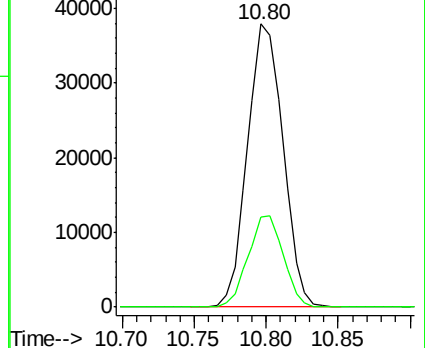
76 100

78 31.9 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: 128.82 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001811.D

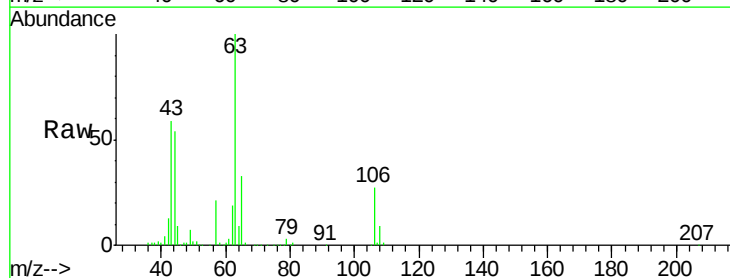
Acq: 02 Mar 2020 11:45

Tgt Ion: 63 Resp: 130590

Ion Ratio Lower Upper

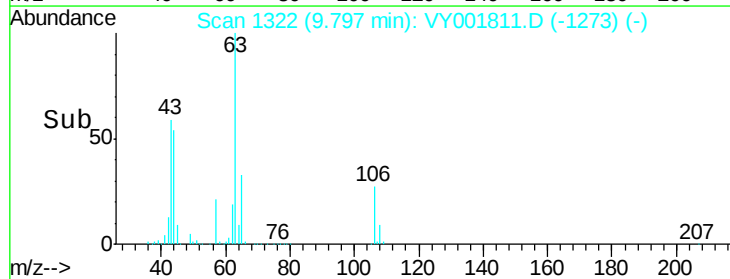
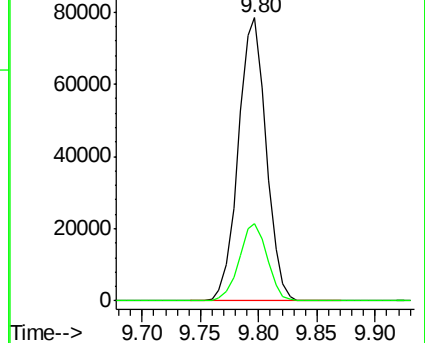
63 100

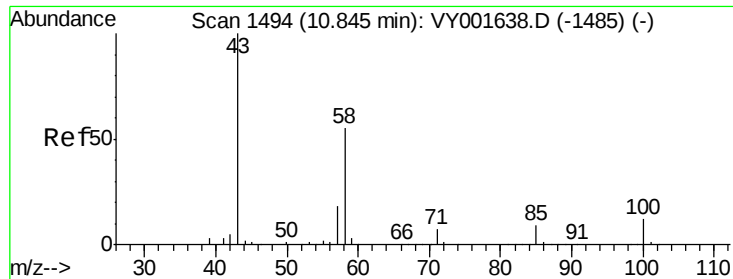
106 27.5 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

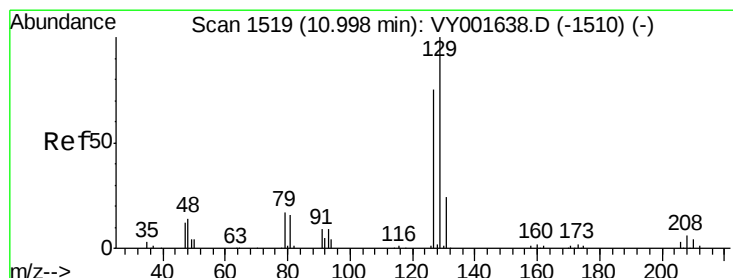
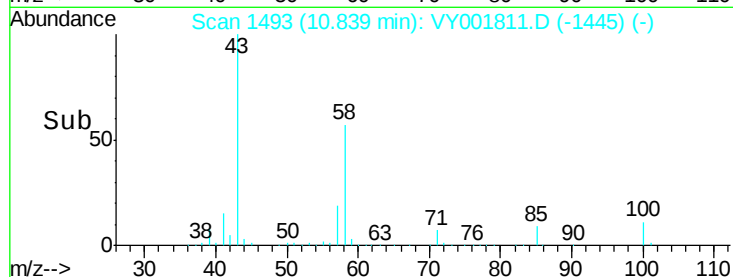
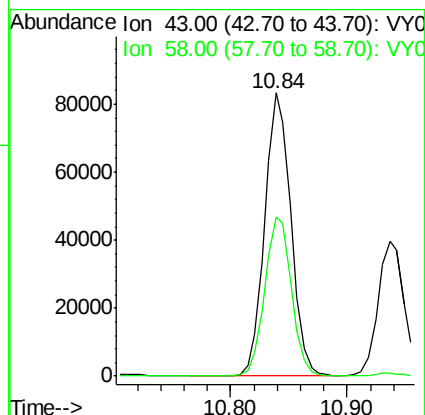
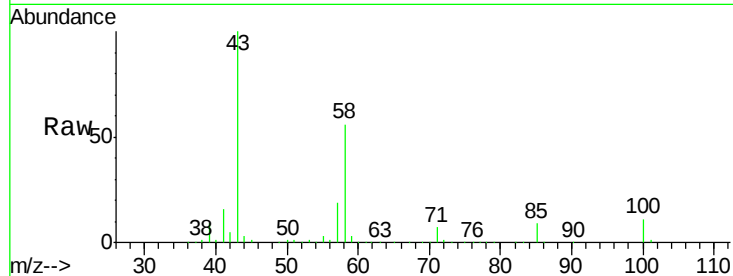




#59
2-Hexanone
Concen: 101.57 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

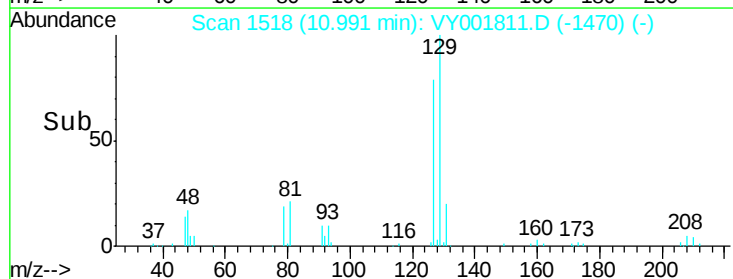
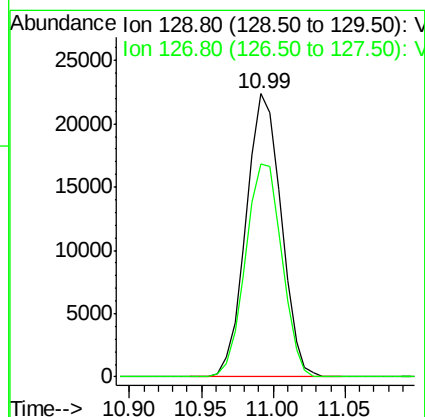
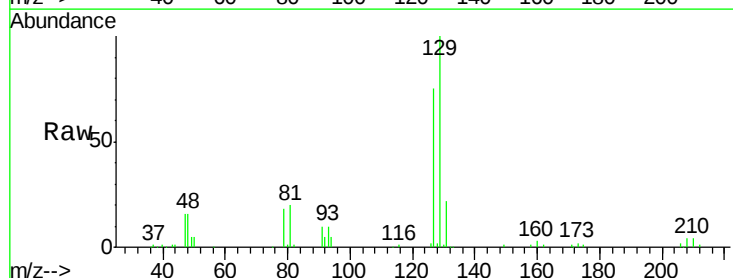
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

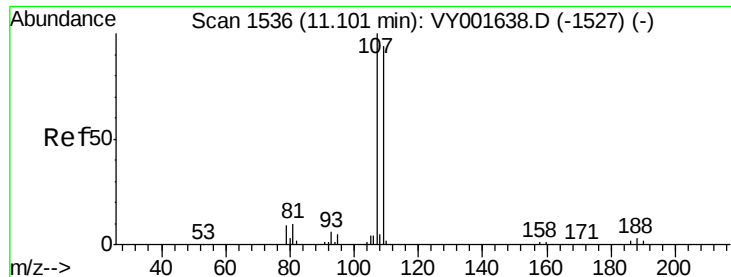
Tgt Ion: 43 Resp: 130846
Ion Ratio Lower Upper
43 100
58 57.3 28.4 85.2



#60
Dibromochloromethane
Concen: 20.41 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 129 Resp: 37724
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6

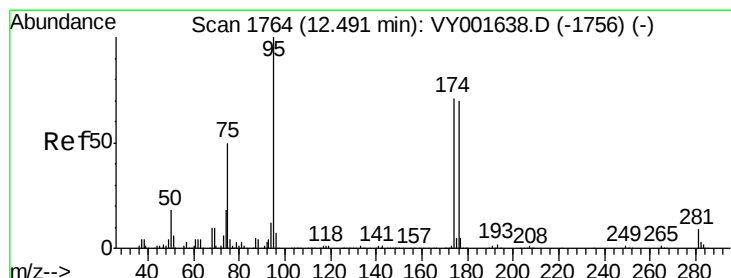
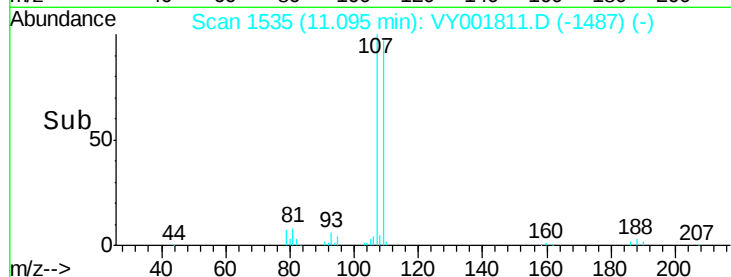
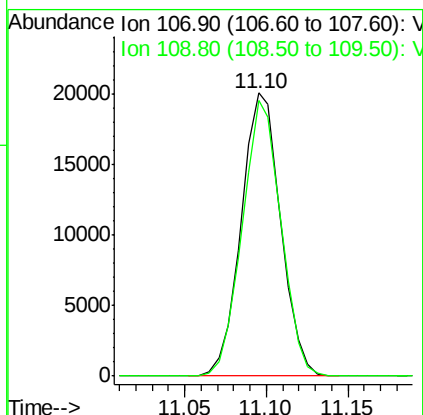
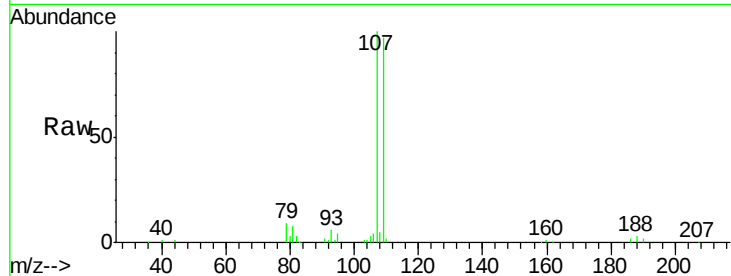




#61
 1,2-Dibromoethane
 Concen: 21.29 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

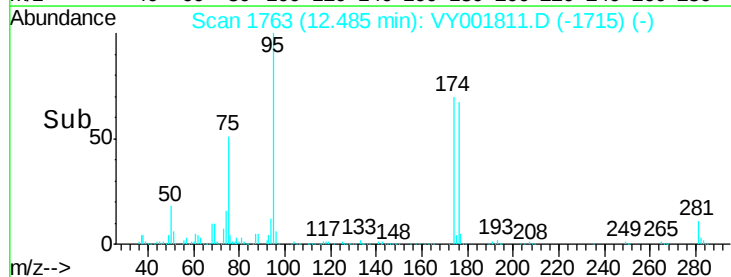
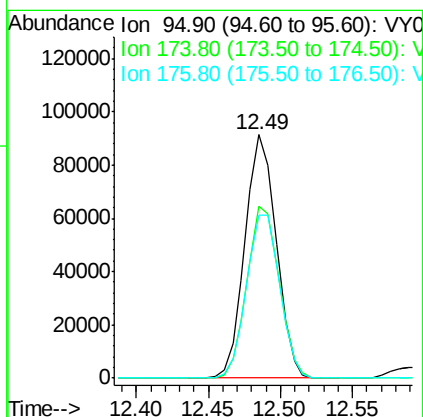
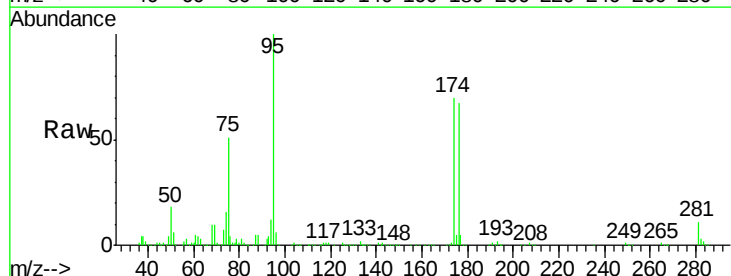
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

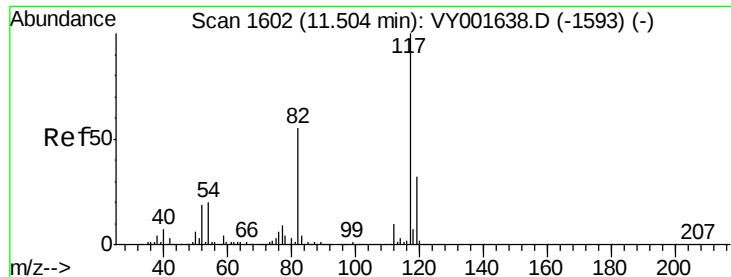
Tgt Ion: 107 Resp: 33741
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 51.09 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 95 Resp: 137581
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 138.4
 176 71.1 0.0 131.8

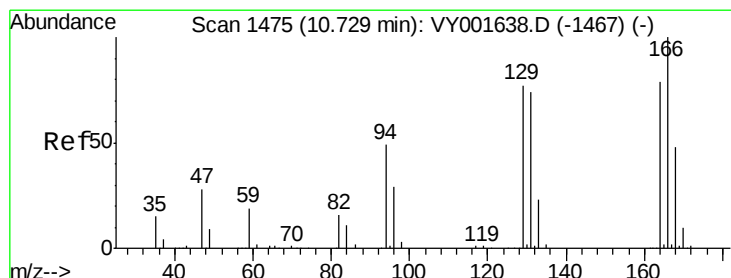
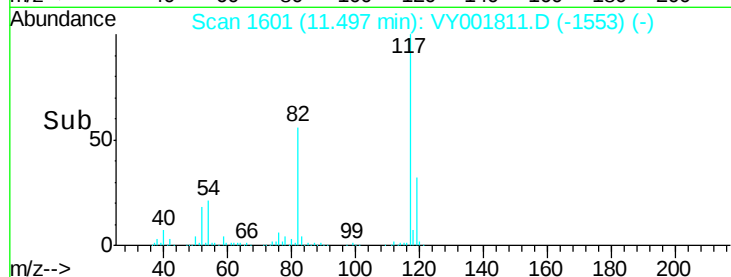
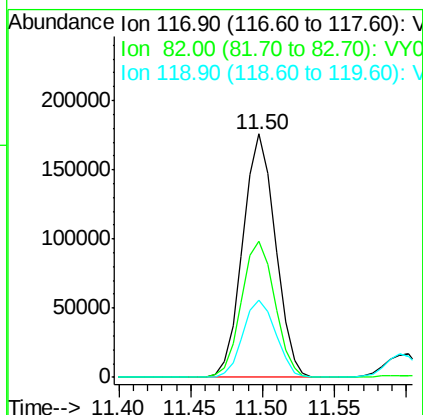
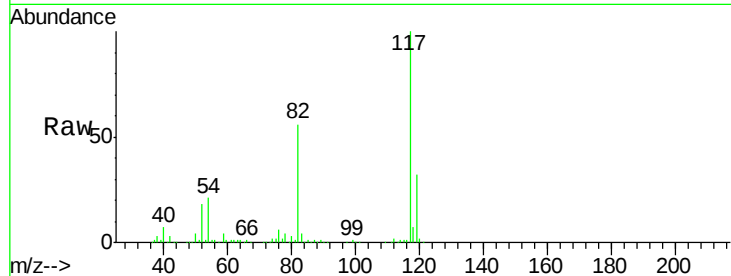




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

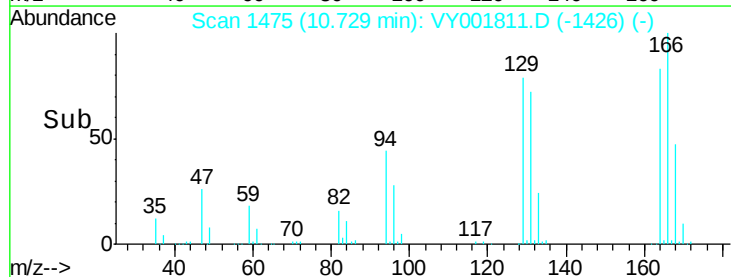
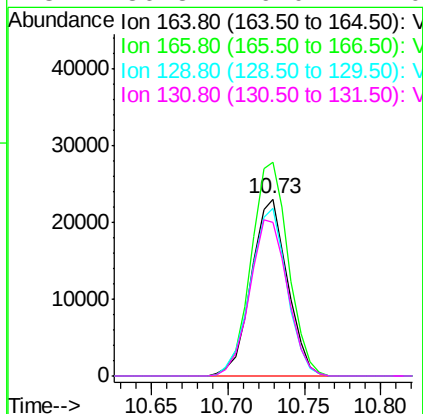
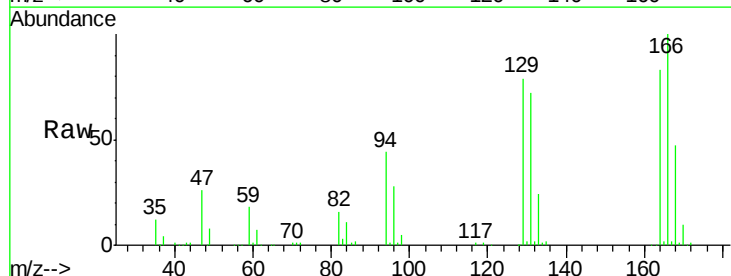
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

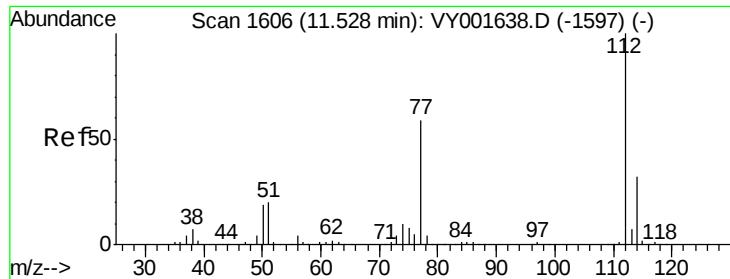
Tgt Ion:117 Resp: 275667
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 21.86 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion:164 Resp: 37828
Ion Ratio Lower Upper
164 100
166 120.6 101.4 152.0
129 94.9 78.7 118.1
131 86.8 76.0 114.0

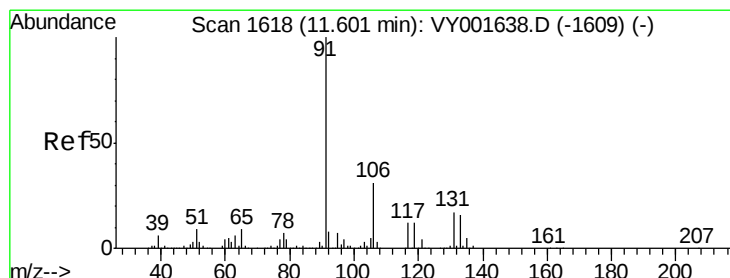
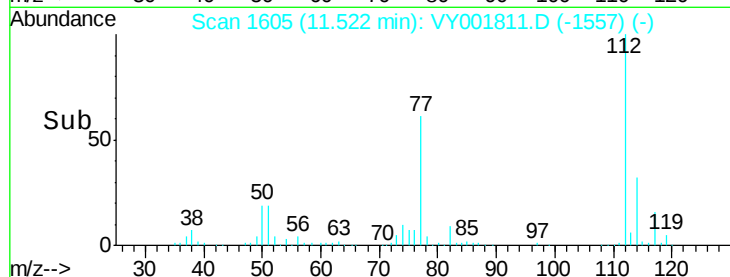
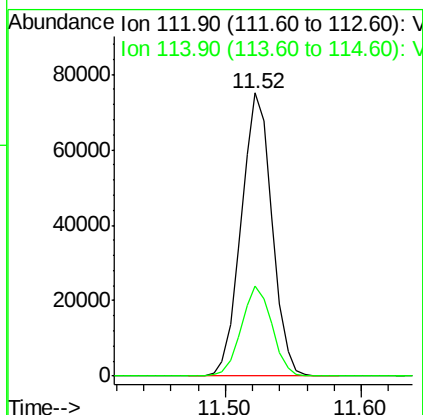
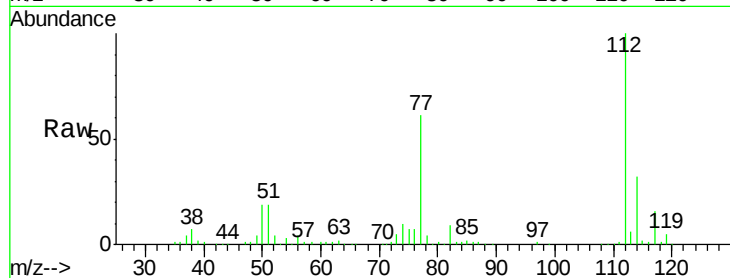




#65
Chlorobenzene
Concen: 21.53 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

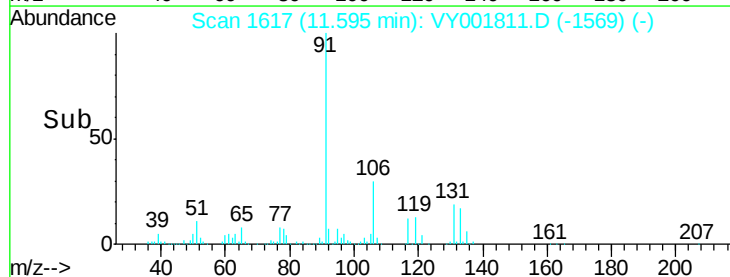
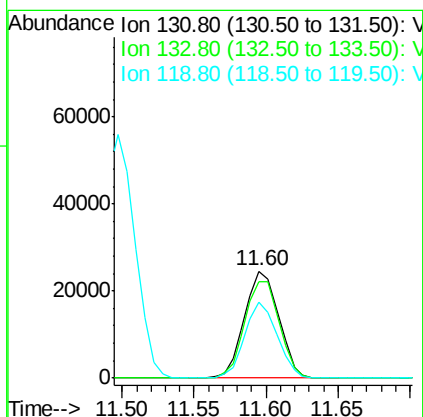
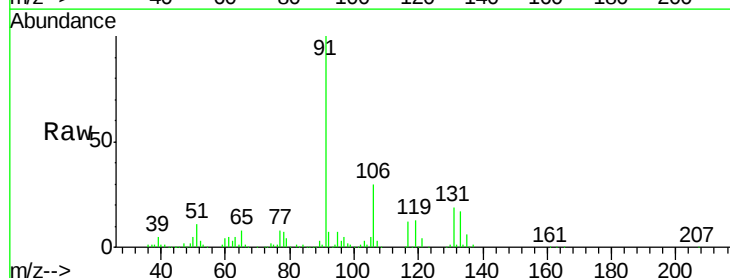
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

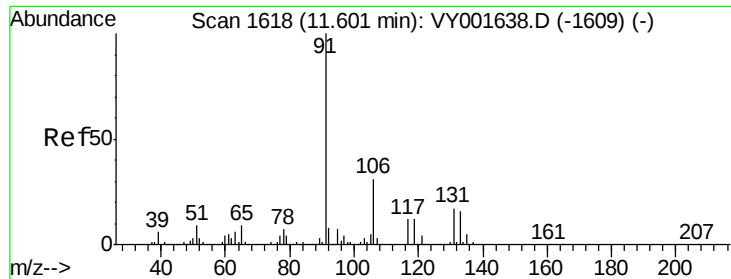
Tgt Ion:112 Resp: 118519
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.80 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion:131 Resp: 40470
Ion Ratio Lower Upper
131 100
133 92.3 47.4 142.2
119 67.4 34.4 103.1

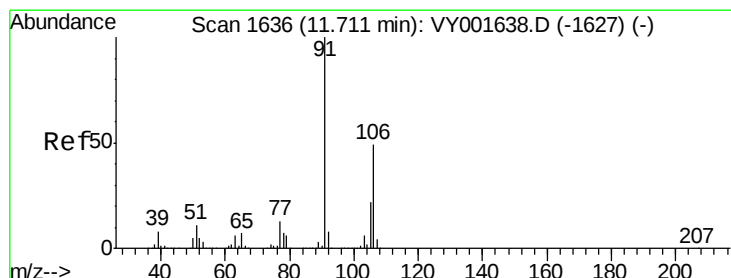
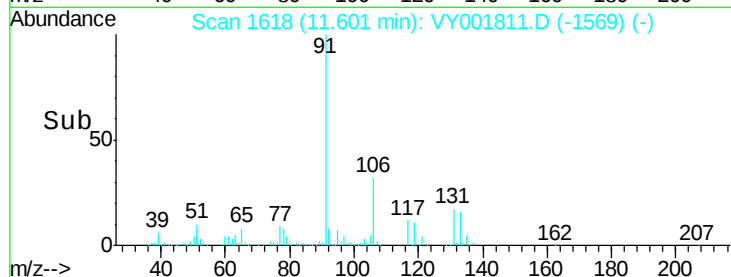
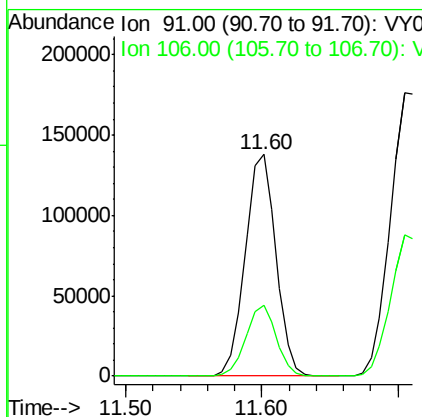
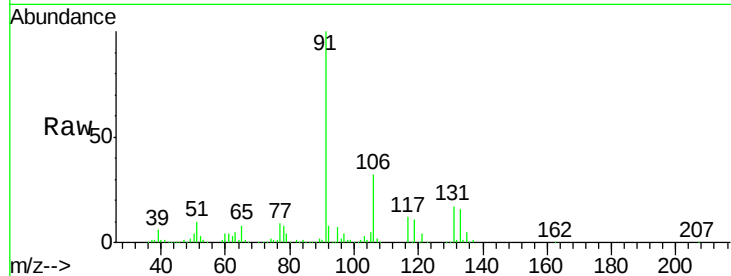




#67
Ethyl Benzene
Concen: 21.36 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

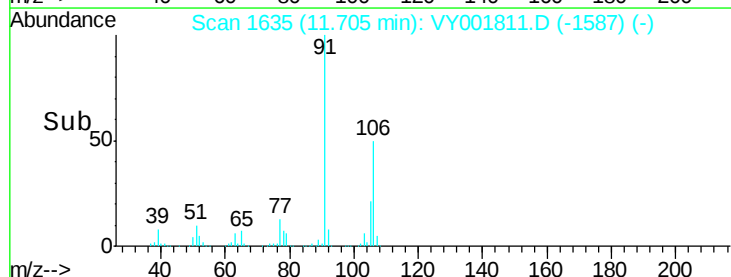
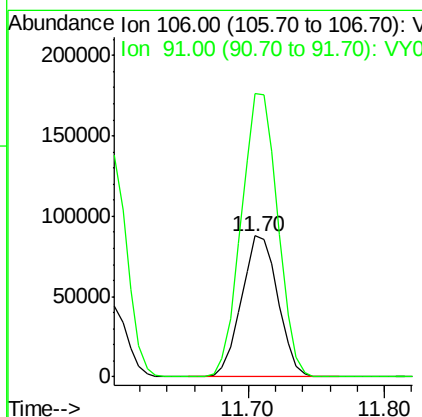
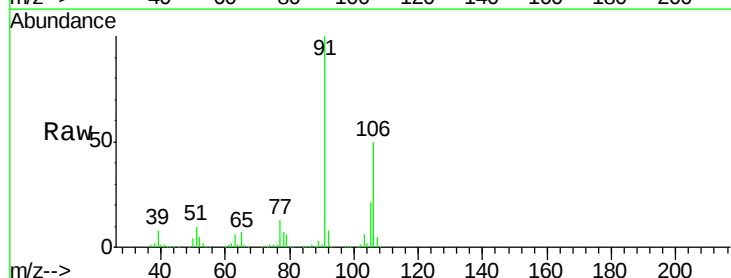
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tgt Ion: 91 Resp: 218202
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 43.00 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion: 106 Resp: 164058
Ion Ratio Lower Upper
106 100
91 201.7 163.3 244.9

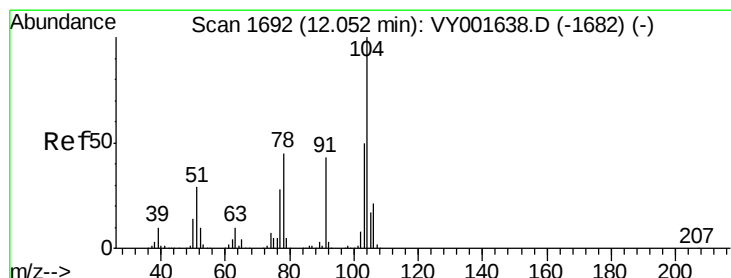
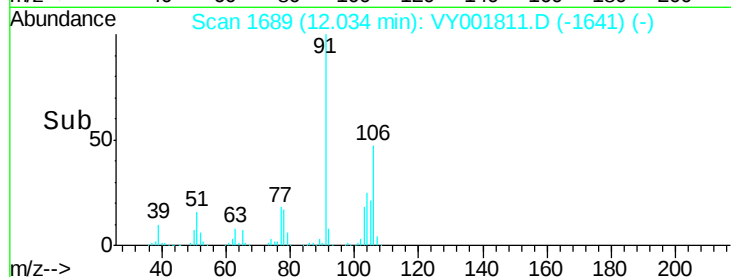
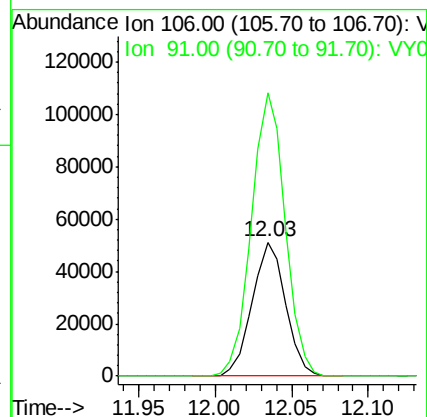
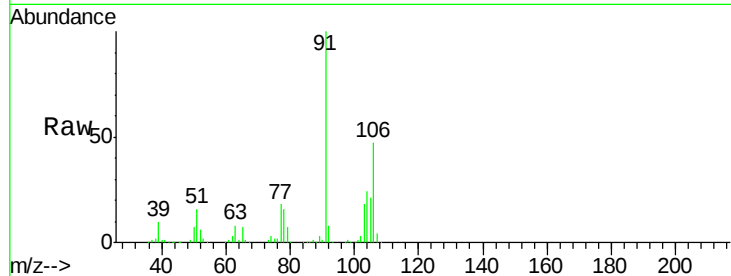




#69
o-Xylene
Concen: 21.47 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

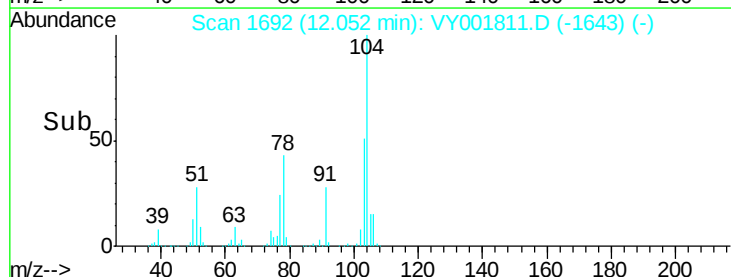
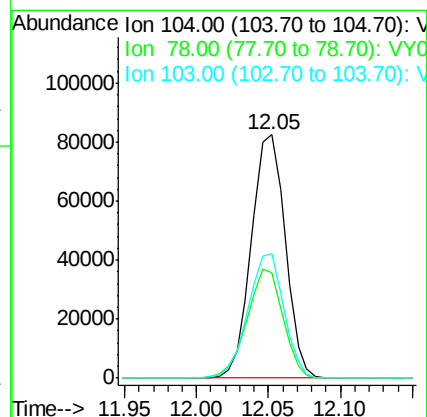
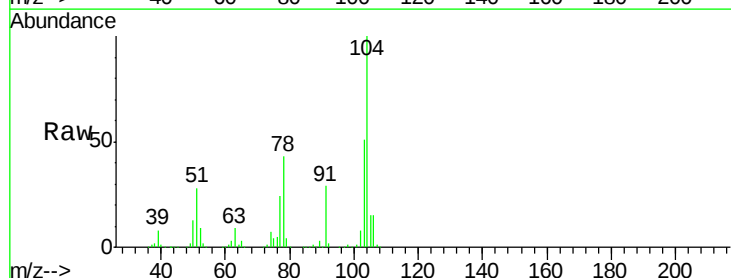
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

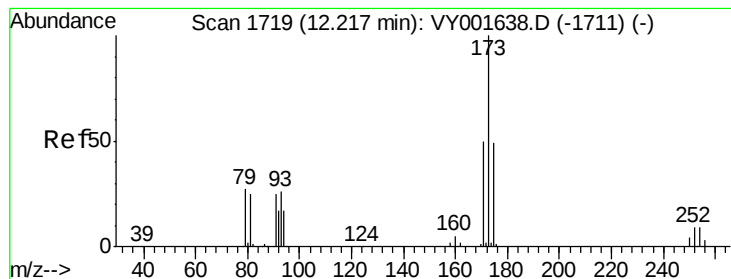
Tgt Ion:106 Resp: 77879
Ion Ratio Lower Upper
106 100
91 212.2 108.3 324.9



#70
Styrene
Concen: 21.28 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion:104 Resp: 134121
Ion Ratio Lower Upper
104 100
78 47.7 39.2 58.8
103 54.7 43.0 64.6





#71

Bromoform

Concen: 20.26 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

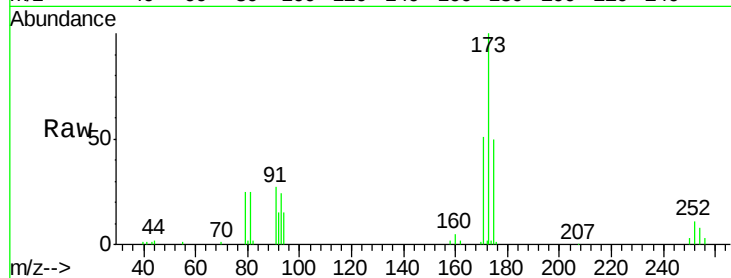
Tgt Ion:173 Resp: 21496

Ion Ratio Lower Upper

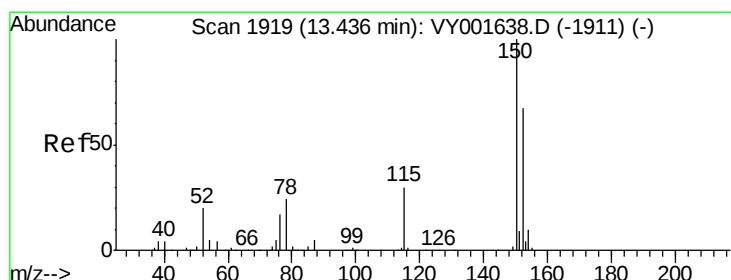
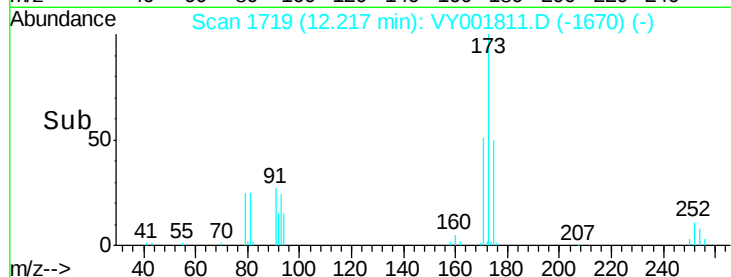
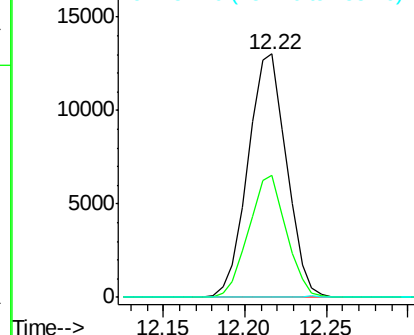
173 100

175 49.0 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: VY001811.D

Acq: 02 Mar 2020 11:45

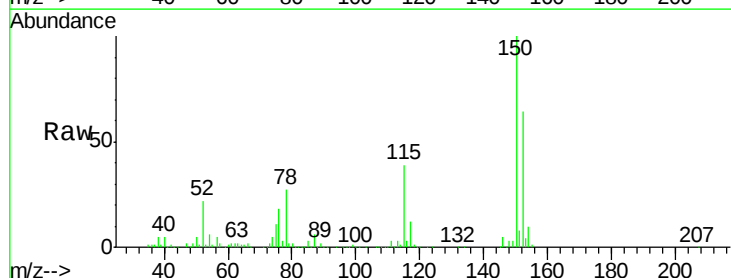
Tgt Ion:152 Resp: 130220

Ion Ratio Lower Upper

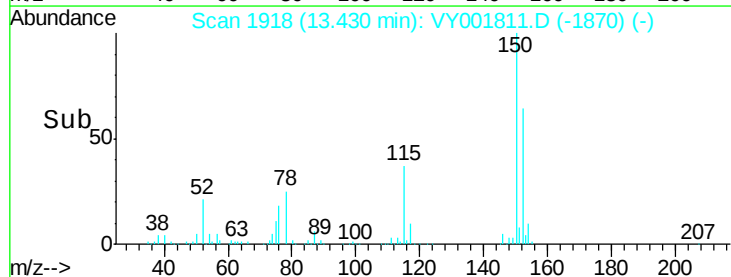
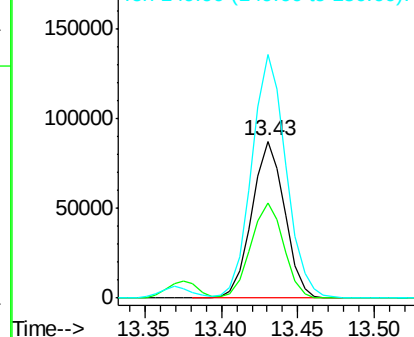
152 100

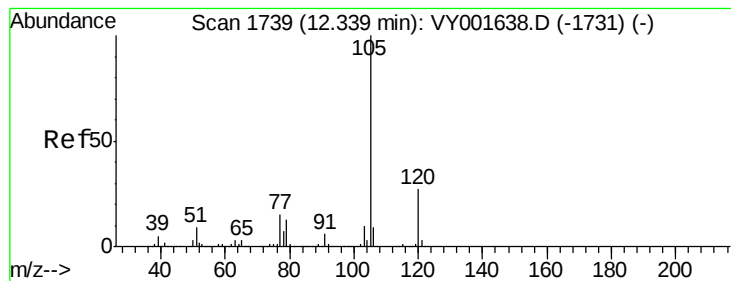
115 61.0 31.4 94.2

150 163.2 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: 20.84 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

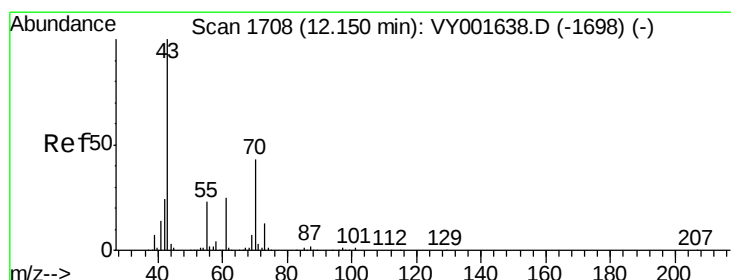
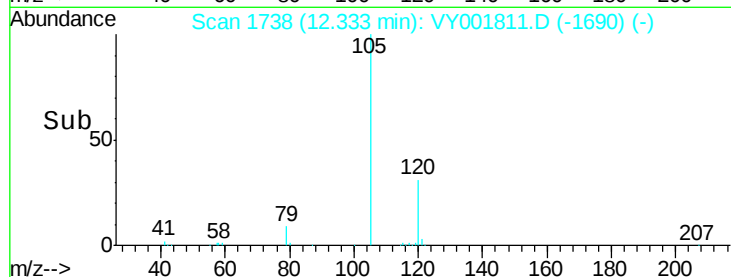
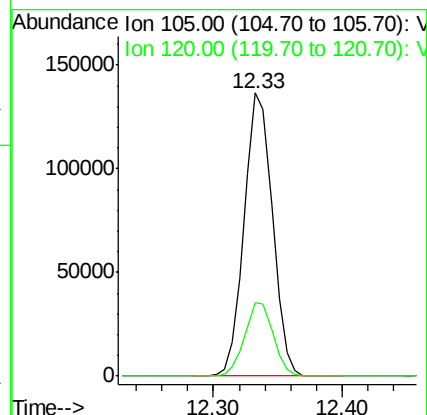
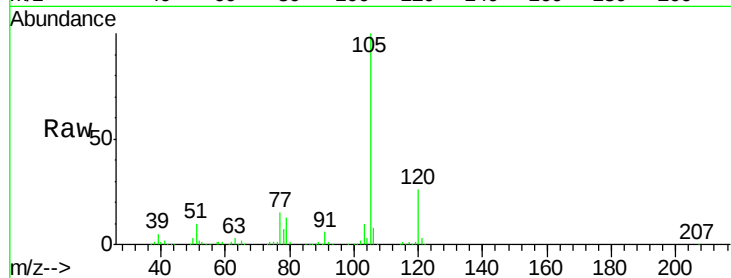
VY0302SBS01

Tgt Ion: 105 Resp: 206745

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 20.15 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Tgt Ion: 43 Resp: 63811

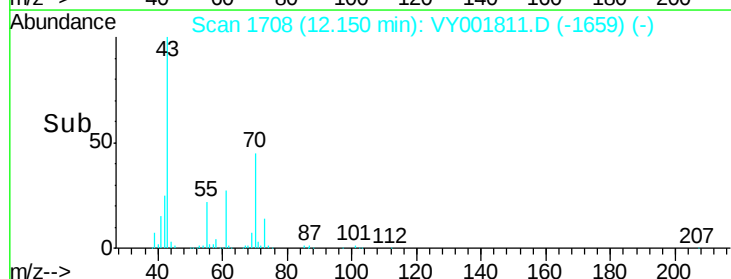
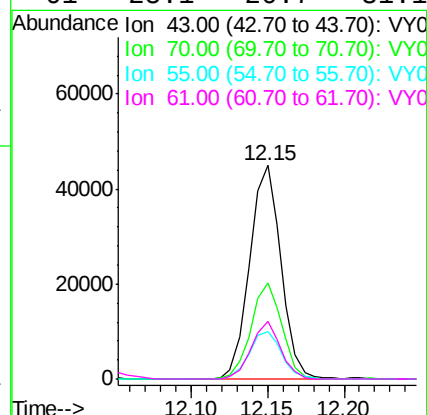
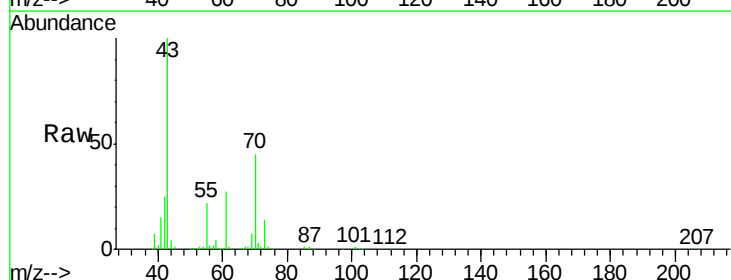
Ion Ratio Lower Upper

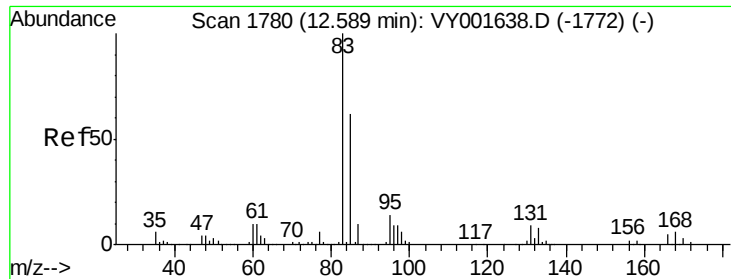
43 100

70 44.5 35.9 53.9

55 23.0 18.3 27.5

61 25.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.44 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

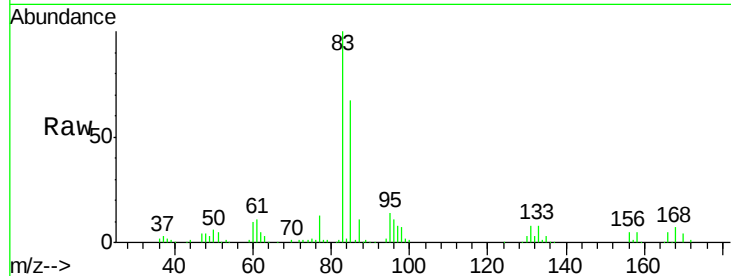
Tgt Ion: 83 Resp: 45420

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

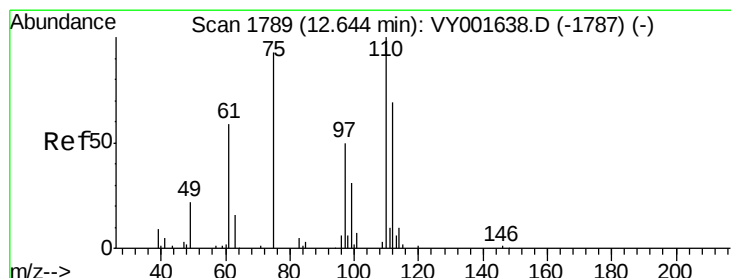
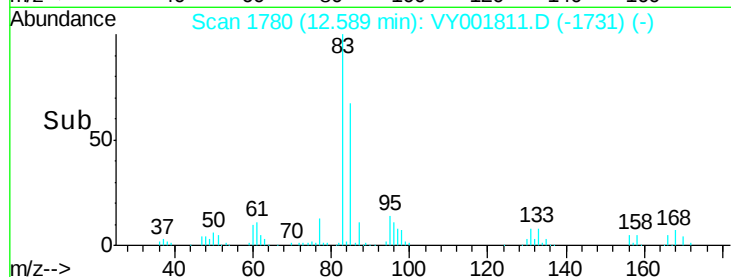
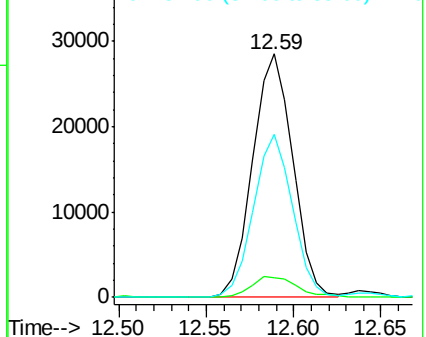
85 65.1 31.6 94.7



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: 39.23 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001811.D

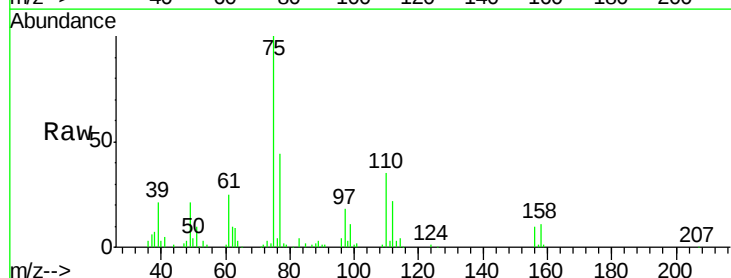
Acq: 02 Mar 2020 11:45

Tgt Ion: 75 Resp: 58602

Ion Ratio Lower Upper

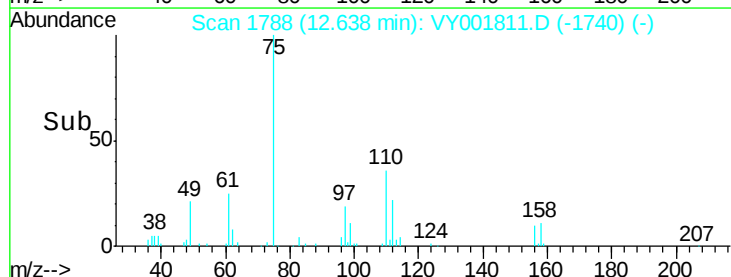
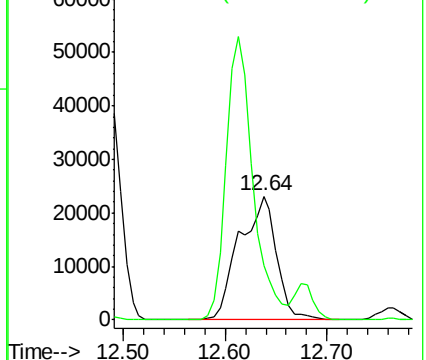
75 100

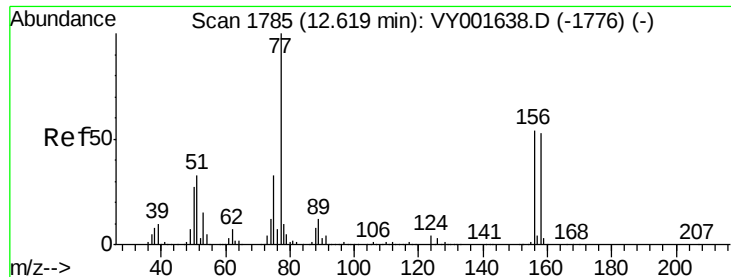
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.40 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

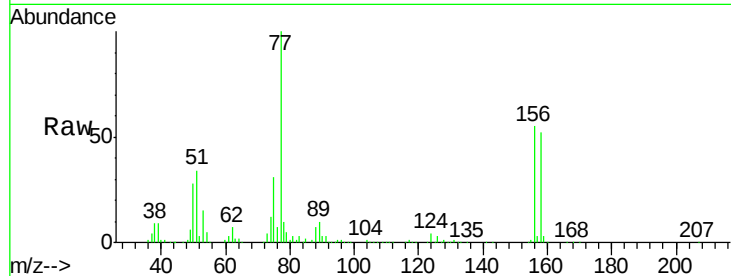
Tgt Ion:156 Resp: 46021

Ion Ratio Lower Upper

156 100

77 210.6 110.1 330.1

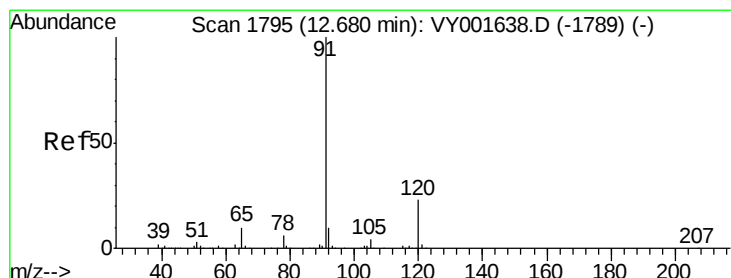
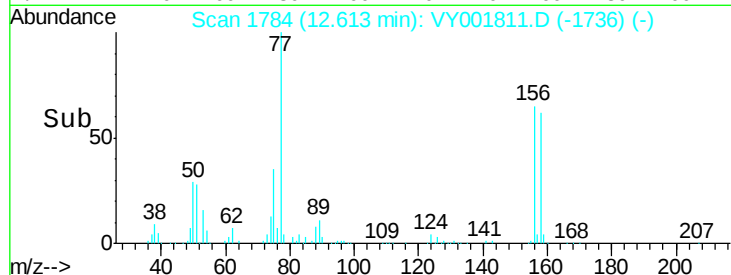
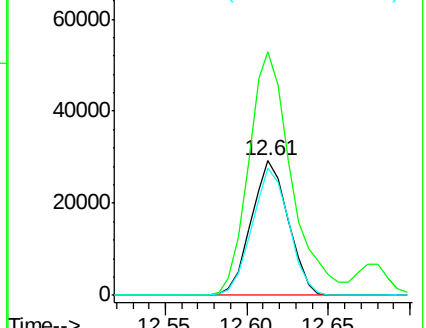
158 94.1 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.51 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001811.D

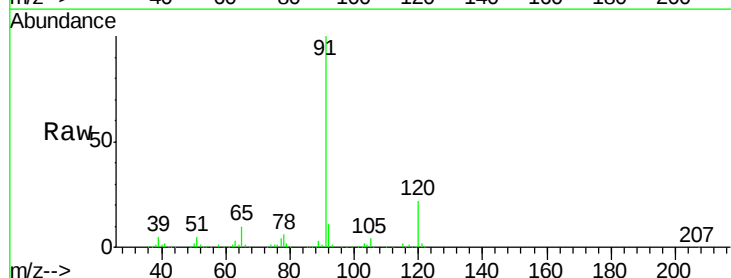
Acq: 02 Mar 2020 11:45

Tgt Ion: 91 Resp: 259924

Ion Ratio Lower Upper

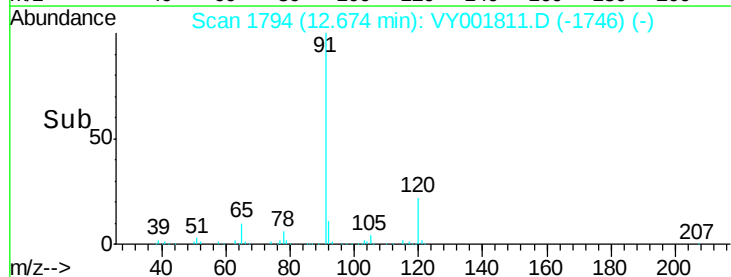
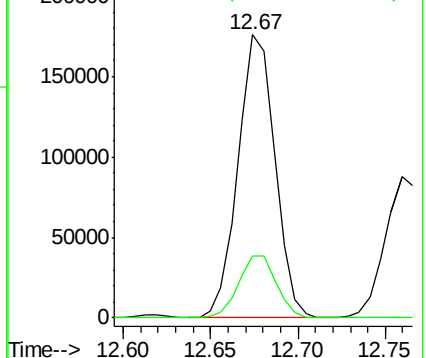
91 100

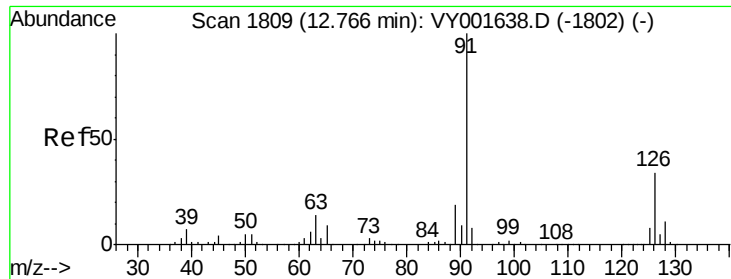
120 22.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

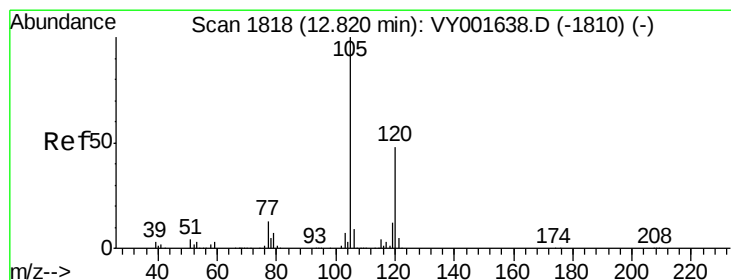
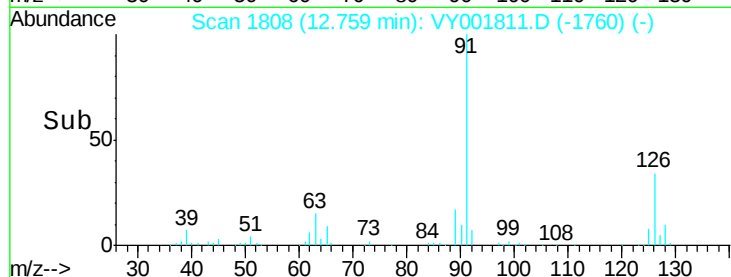
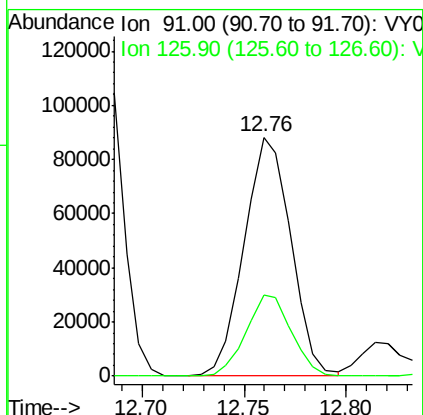
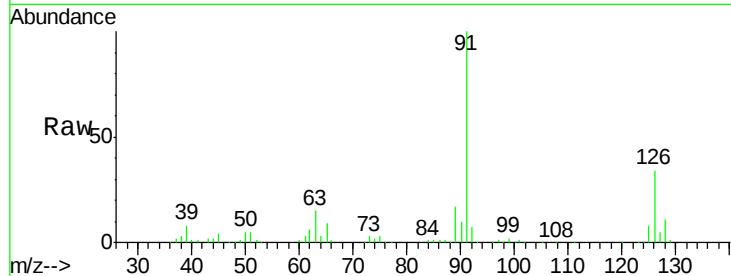




#79
 2-Chlorotoluene
 Concen: 20.82 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

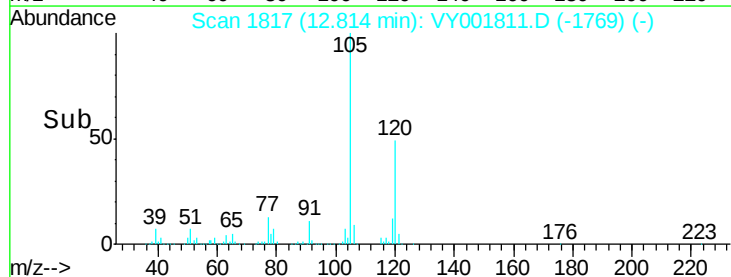
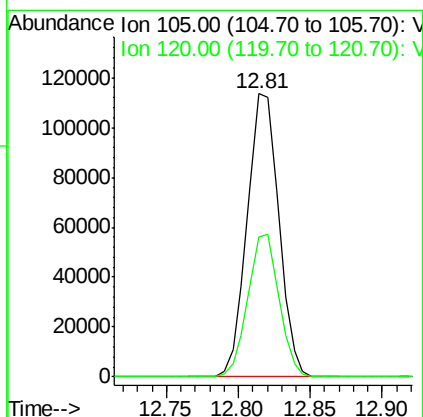
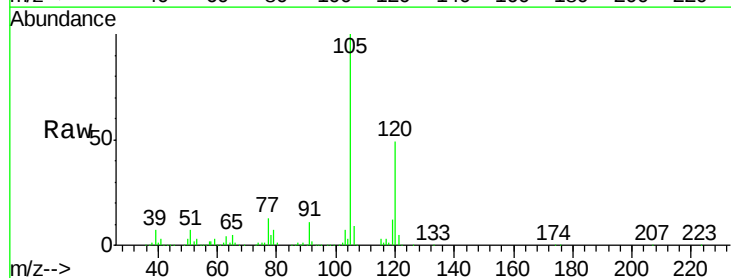
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

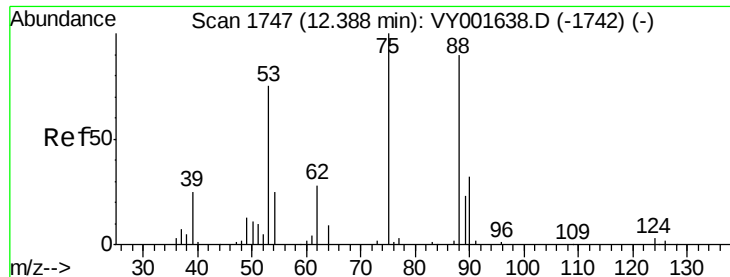
Tgt Ion: 91 Resp: 141058
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.99 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 105 Resp: 172361
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.94 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

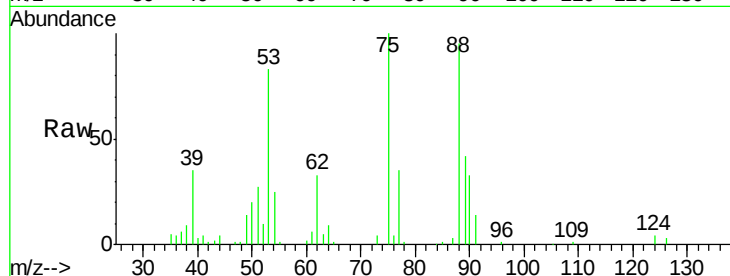
Tgt Ion: 75 Resp: 16489

Ion Ratio Lower Upper

75 100

53 82.2 64.5 96.7

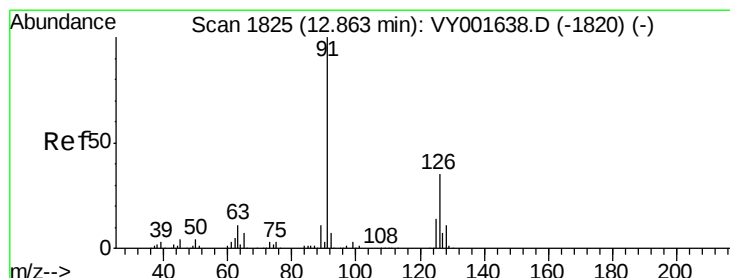
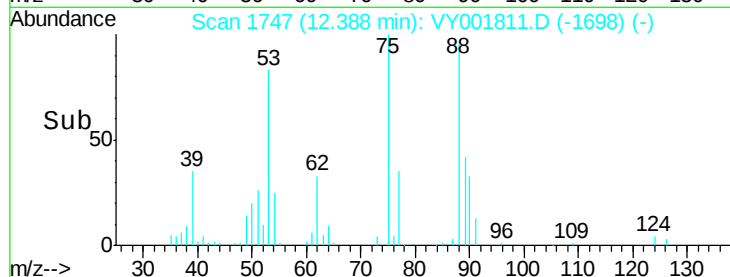
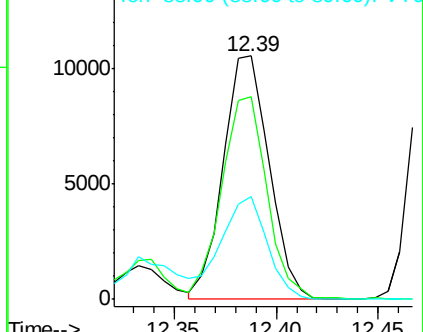
89 42.7 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.07 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001811.D

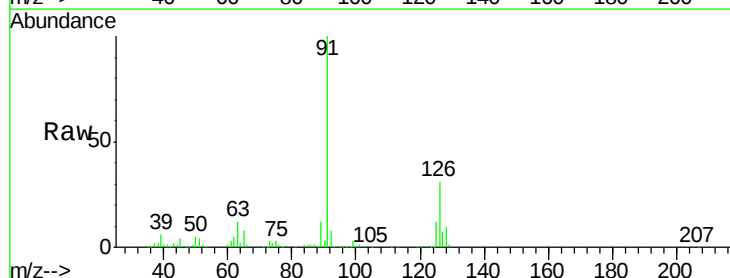
Acq: 02 Mar 2020 11:45

Tgt Ion: 91 Resp: 150607

Ion Ratio Lower Upper

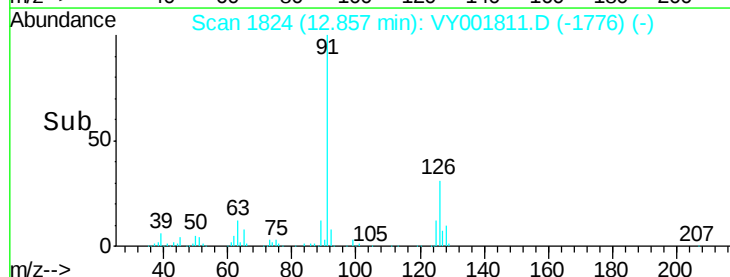
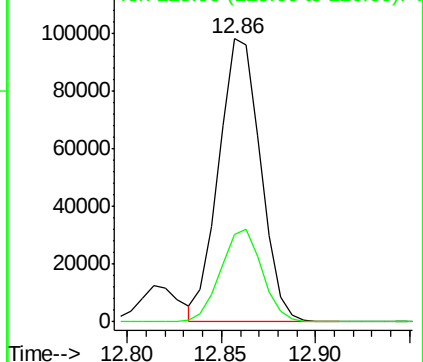
91 100

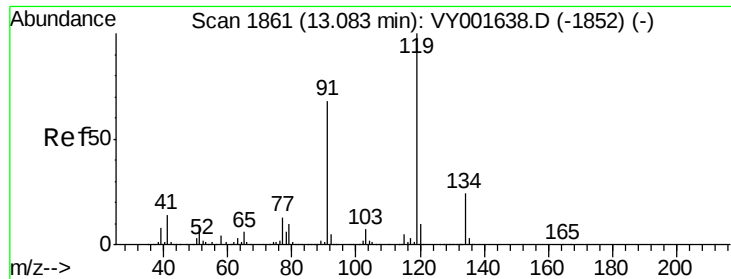
126 32.5 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

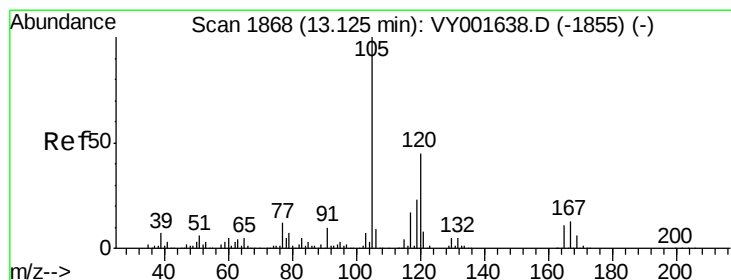
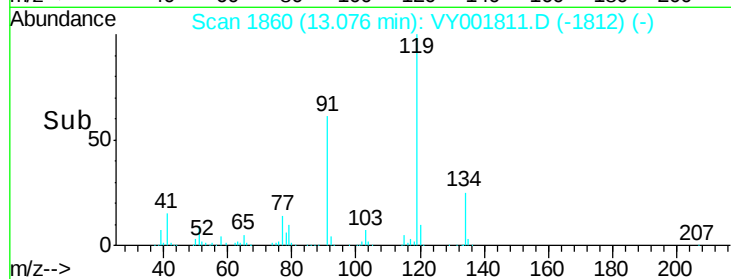
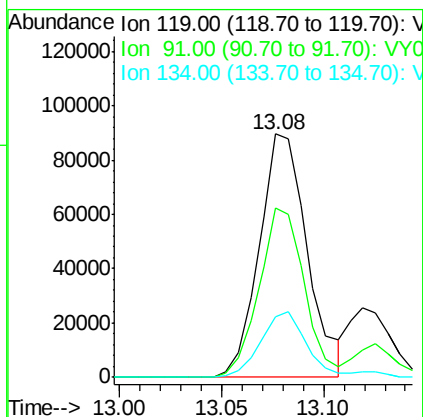
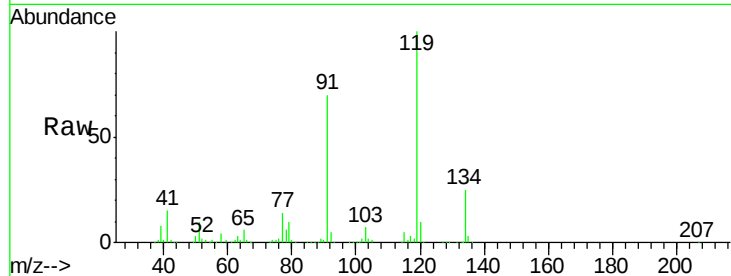




#83
 tert-Butylbenzene
 Concen: 21.44 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

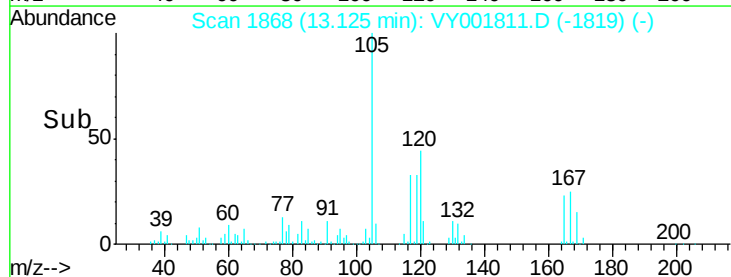
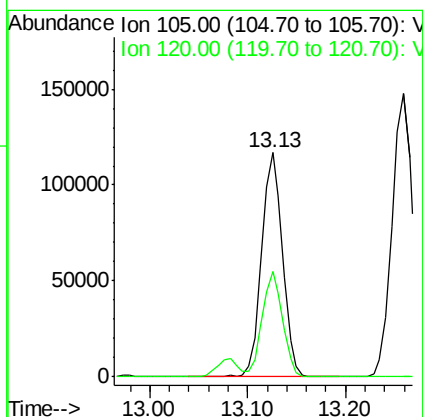
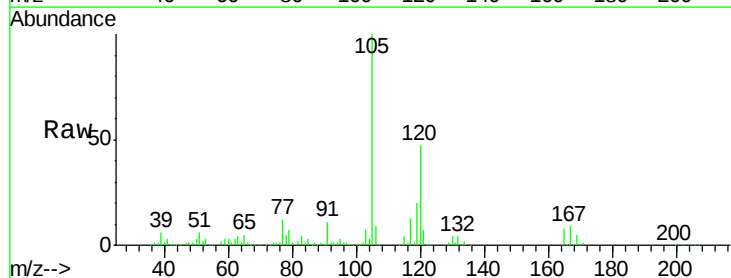
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

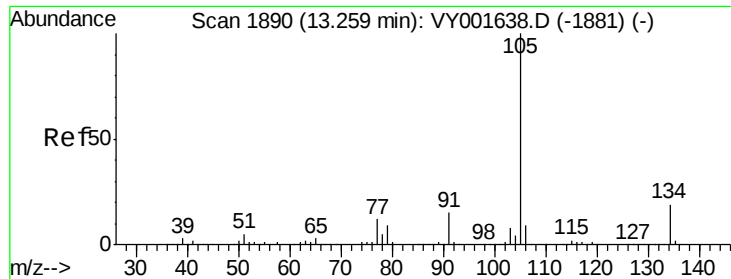
Tgt Ion:119 Resp: 147241
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.5 100.5
 134 26.9 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.15 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion:105 Resp: 173129
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.46 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

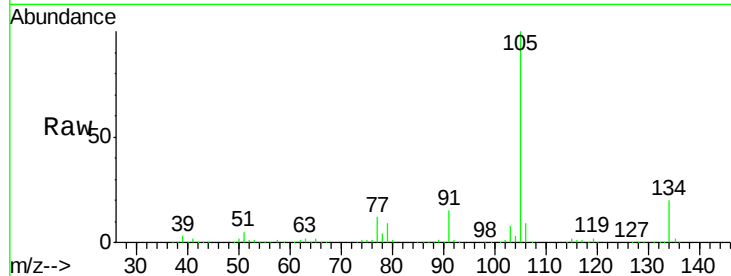
VY0302SBS01

Tgt Ion:105 Resp: 216787

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

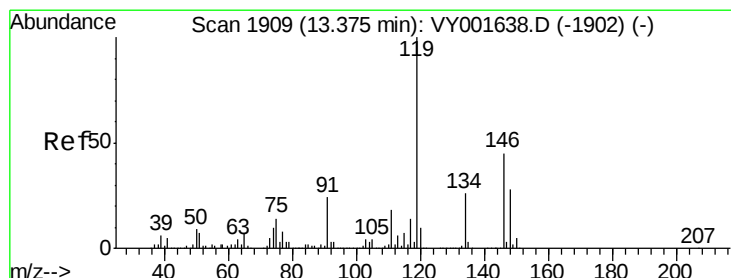
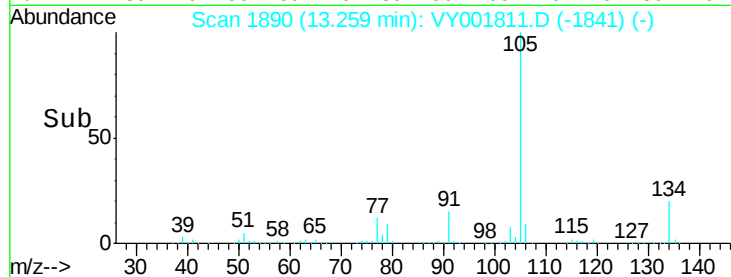
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.49 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

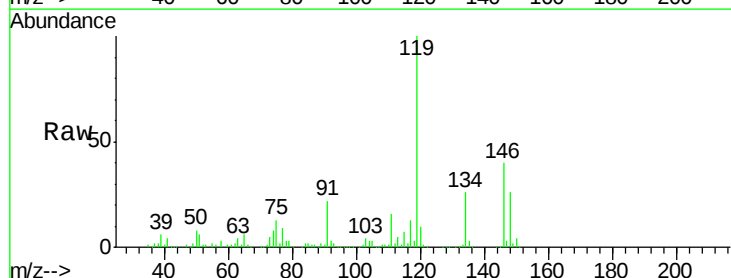
Tgt Ion:119 Resp: 188599

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.5 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

150000

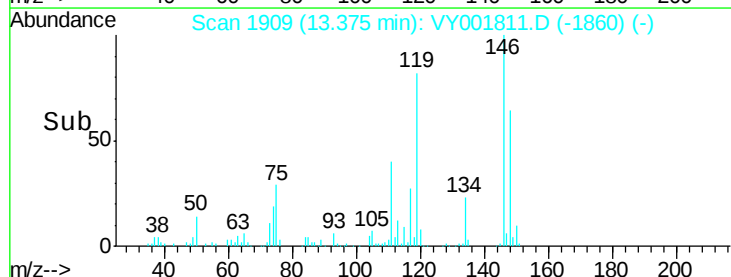
100000

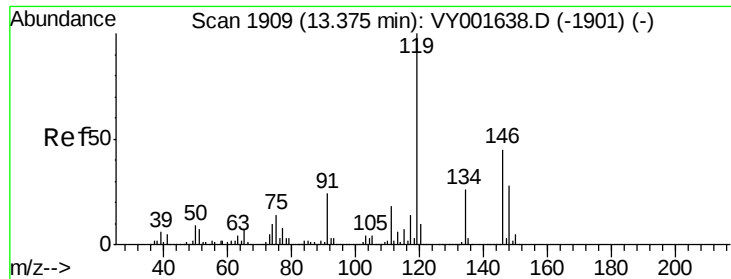
50000

0

13.30 13.35 13.40 13.45

Time-->

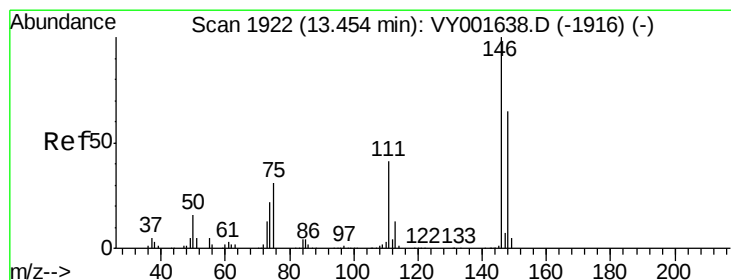
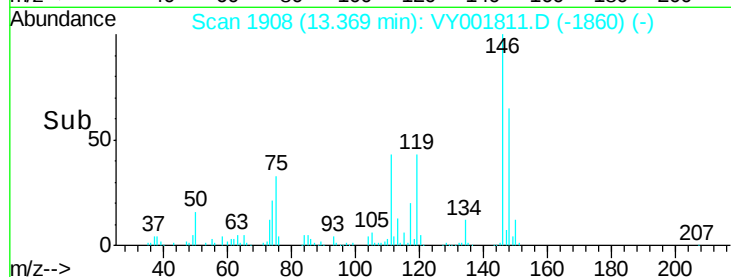
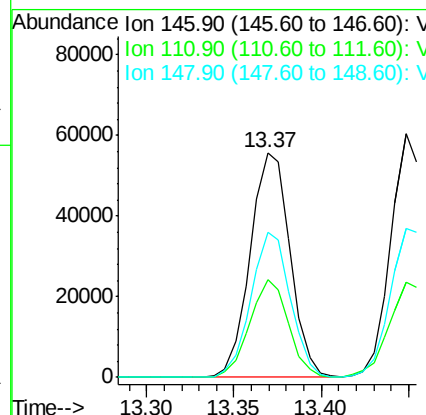
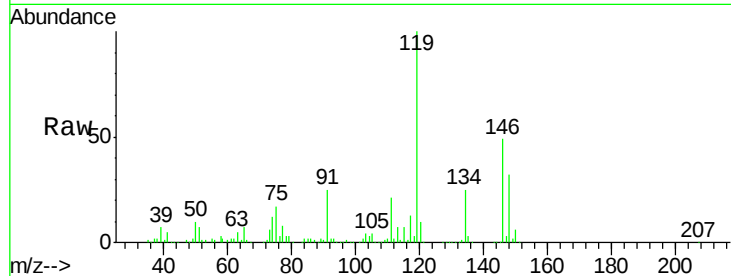




#87
 1,3-Dichlorobenzene
 Concen: 21.34 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

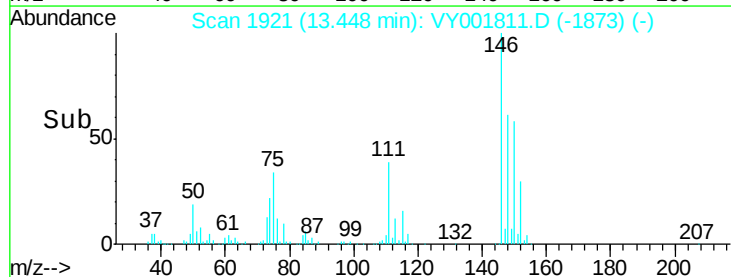
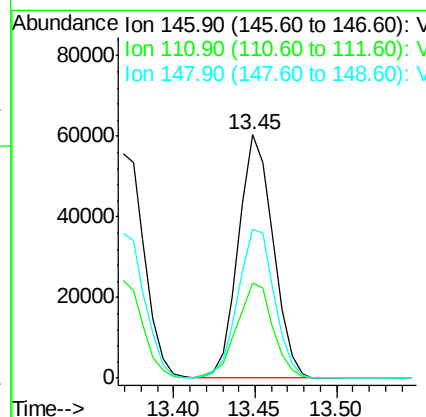
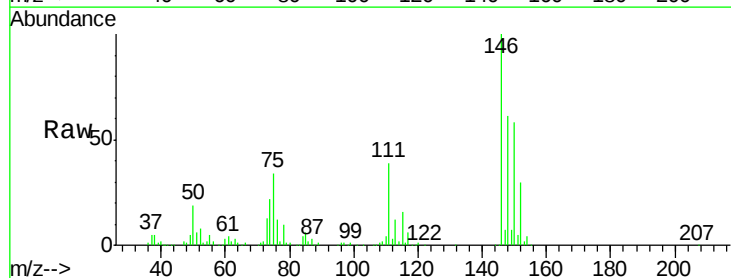
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

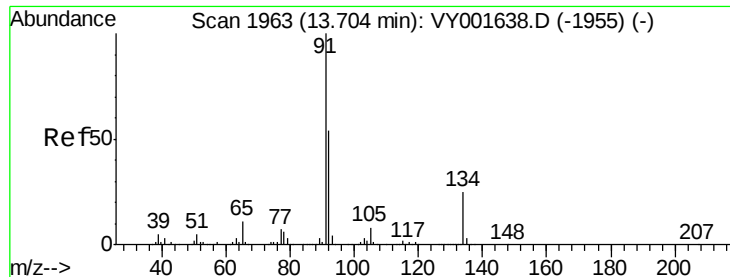
Tgt Ion:146 Resp: 88997
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.3
 148 63.6 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 21.36 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion:146 Resp: 90050
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.3
 148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 21.53 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY001811.D

Acq: 02 Mar 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBS01

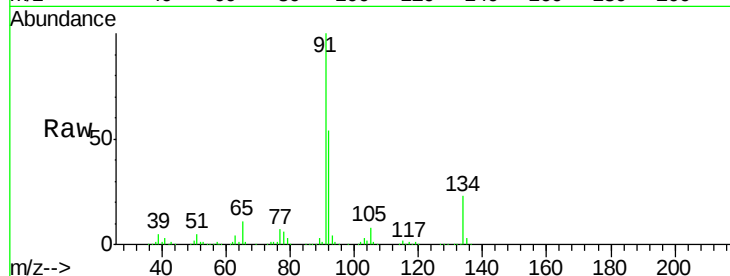
Tgt Ion: 91 Resp: 193098

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

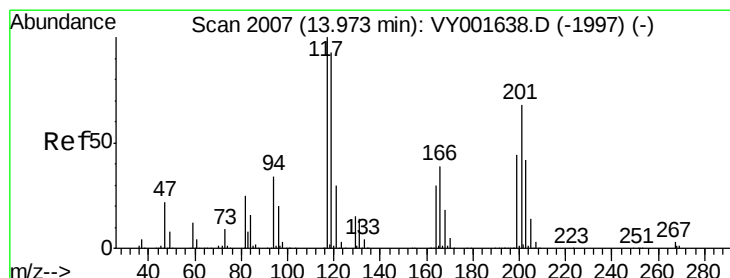
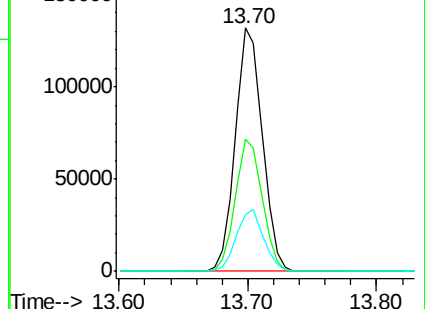
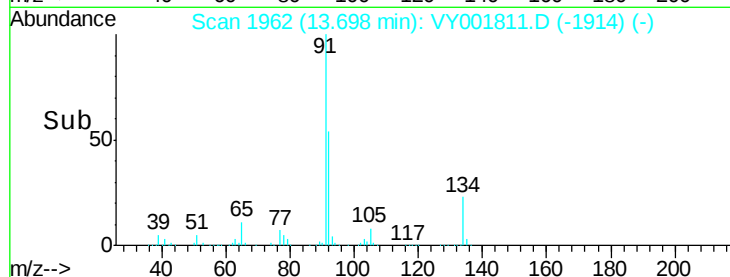
134 25.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY001811.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001811.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001811.D (-1914) (-)



#90

Hexachloroethane

Concen: 21.43 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY001811.D

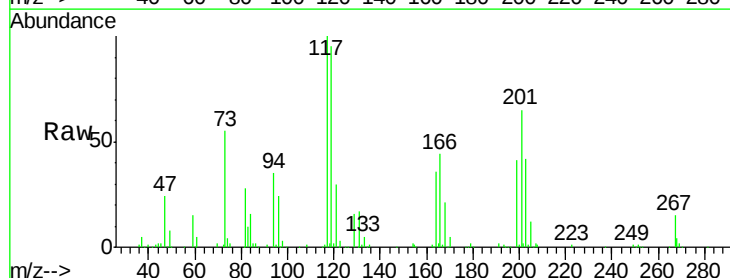
Acq: 02 Mar 2020 11:45

Tgt Ion: 117 Resp: 35430

Ion Ratio Lower Upper

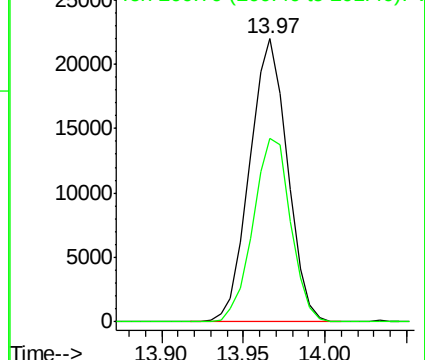
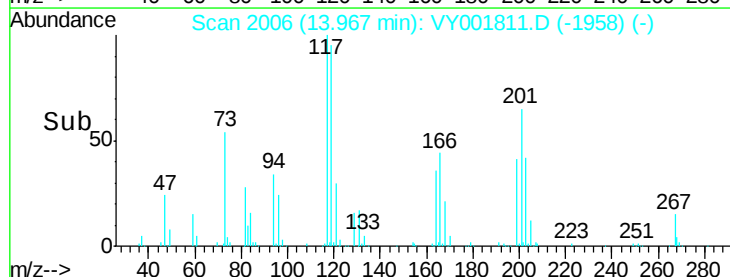
117 100

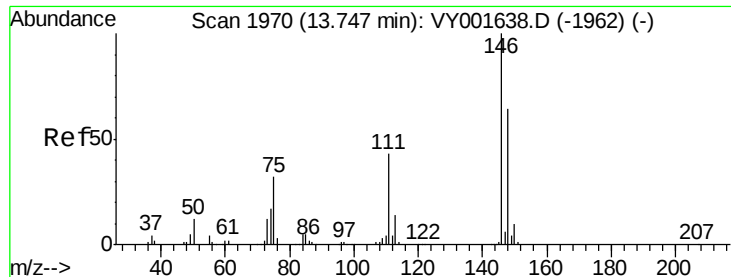
201 64.6 32.5 97.4



Abundance Ion 116.80 (116.50 to 117.50): VY001811.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY001811.D (-1958) (-)

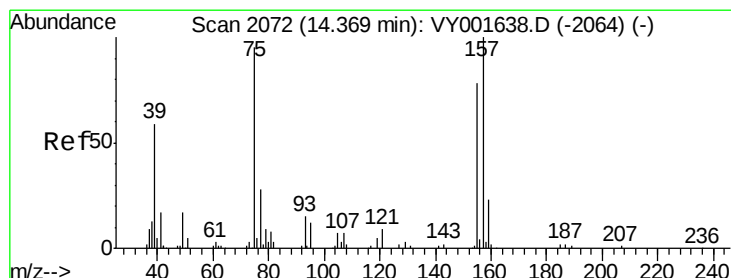
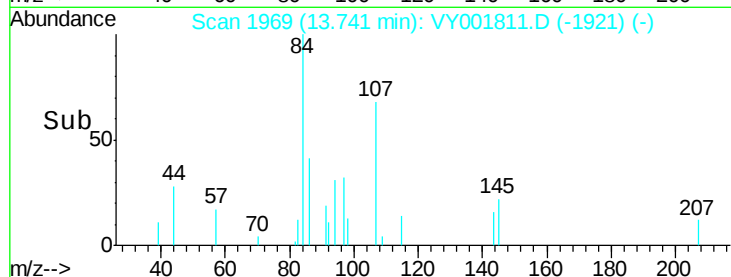
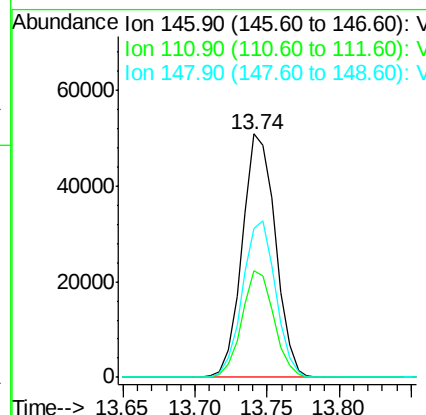
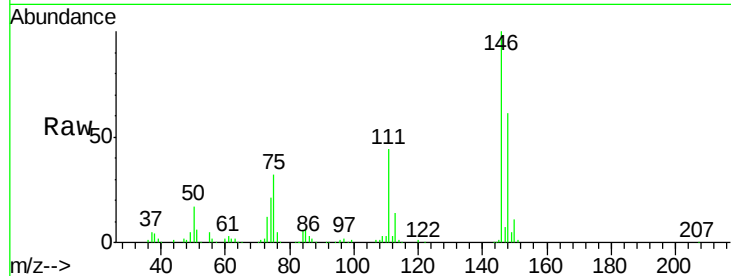




#91
 1,2-Dichlorobenzene
 Concen: 21.11 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

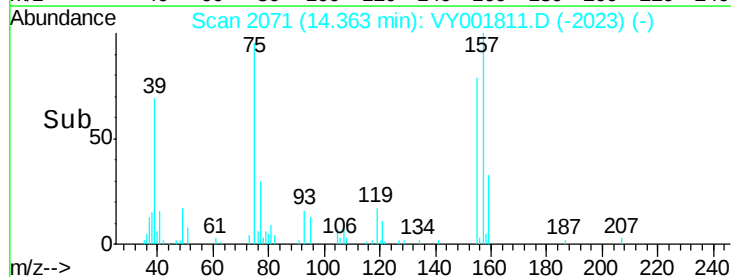
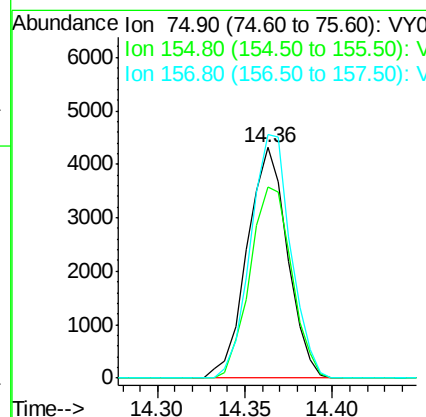
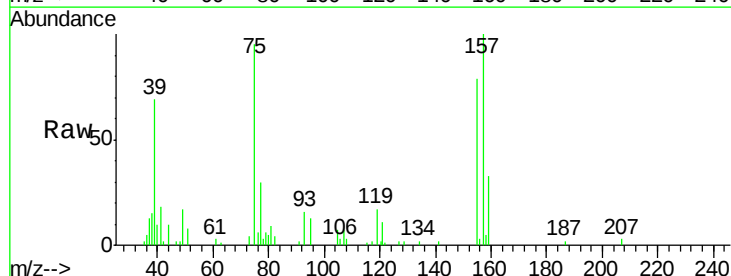
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

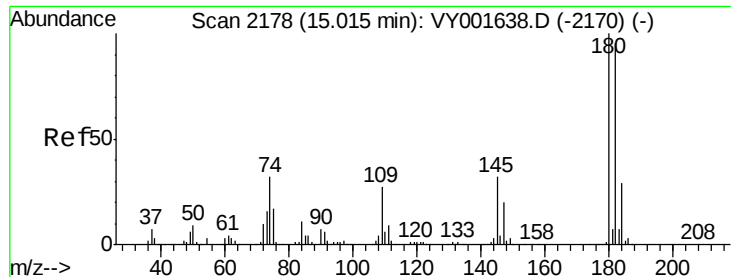
Tgt Ion:146 Resp: 81249
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.9 65.7
 148 63.8 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.78 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001811.D
 Acq: 02 Mar 2020 11:45

Tgt Ion: 75 Resp: 6913
 Ion Ratio Lower Upper
 75 100
 155 85.5 40.8 122.4
 157 105.4 52.1 156.4

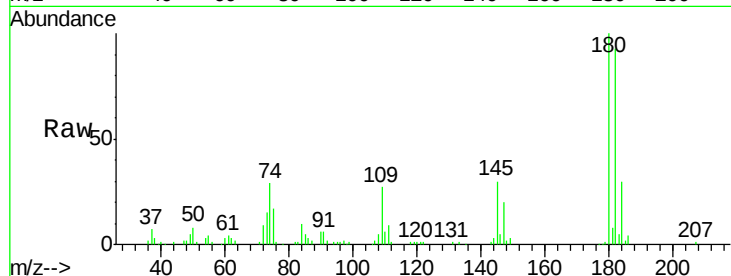




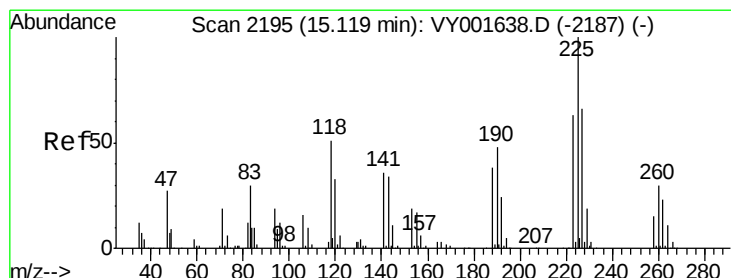
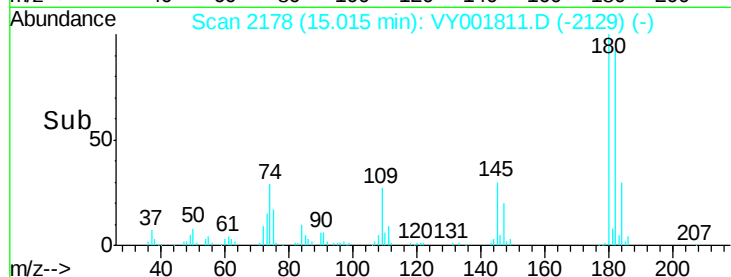
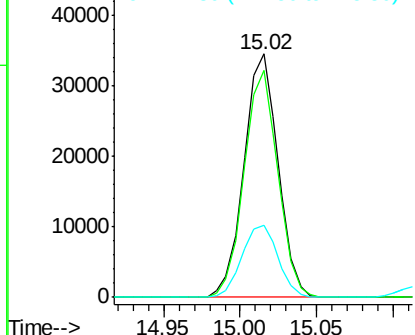
#93
1,2,4-Trichlorobenzene
Concen: 21.01 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tgt Ion:180 Resp: 53588
Ion Ratio Lower Upper
180 100
182 92.1 46.8 140.3
145 31.4 16.2 48.5

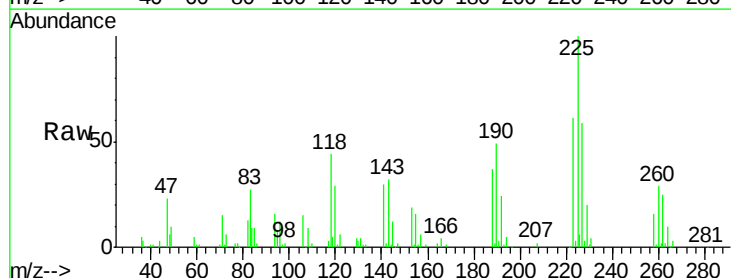


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

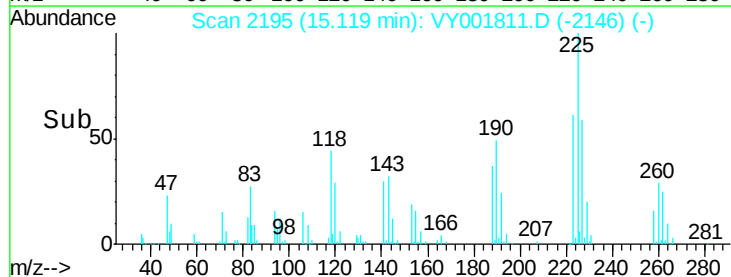
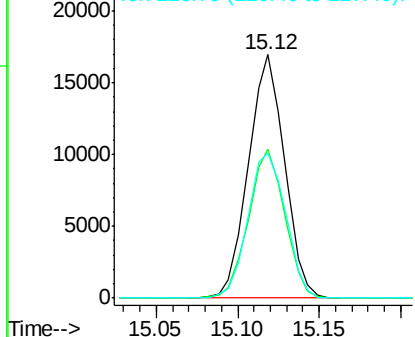


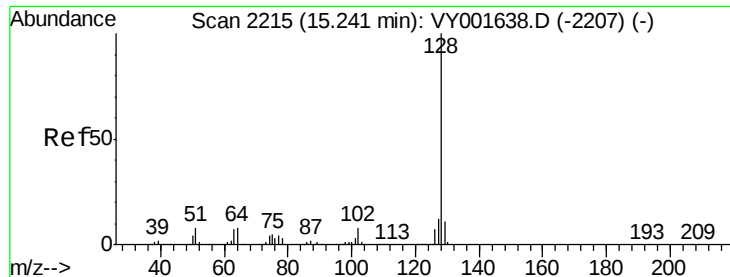
#94
Hexachlorobutadiene
Concen: 20.63 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion:225 Resp: 26165
Ion Ratio Lower Upper
225 100
223 61.3 31.4 94.0
227 62.5 31.6 94.8



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

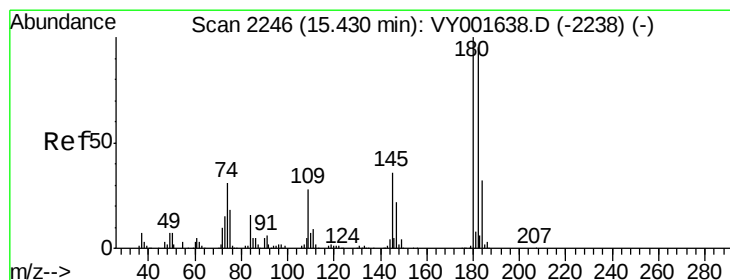
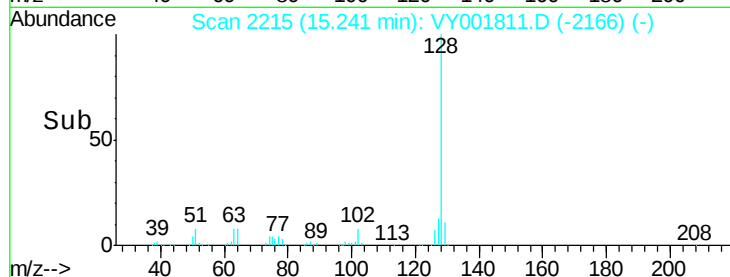
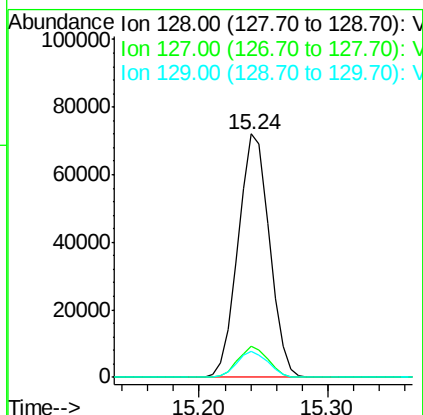
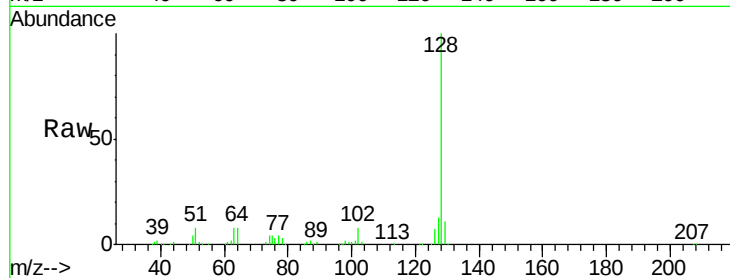




#95
Naphthalene
Concen: 20.64 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.9	14.9
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.88 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001811.D
Acq: 02 Mar 2020 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.2	141.6
145	33.1	17.3	52.0

