

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022820\
 Data File : VY001794.D
 Acq On : 28 Feb 2020 11:02
 Operator : SY/MD
 Sample : VY0228SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

Quant Time: Feb 28 12:49:08 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	175025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	313028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	281534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	93428	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.74	113	88456	49.34	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.19	98	363176	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.49	95	129422	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.91	85	29540	17.31	ug/l	97
3) Chloromethane	2.12	50	42810	18.66	ug/l	98
4) Vinyl Chloride	2.26	62	42587	18.40	ug/l	94
5) Bromomethane	2.66	94	28923	19.99	ug/l	98
6) Chloroethane	2.80	64	27519	19.29	ug/l	93
7) Trichlorofluoromethane	3.14	101	60245	20.34	ug/l	99
8) Diethyl Ether	3.54	74	24037	20.58	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39730	21.34	ug/l	97
10) Methyl Iodide	4.11	142	42914	18.83	ug/l	99
11) Tert butyl alcohol	4.98	59	26204	105.51	ug/l	96
12) 1,1-Dichloroethene	3.90	96	38051	20.04	ug/l	93
13) Acrolein	3.75	56	14772	77.69	ug/l	99
14) Allyl chloride	4.50	41	69320	20.51	ug/l	99
15) Acrylonitrile	5.19	53	63686	106.39	ug/l	99
16) Acetone	3.97	43	58210	89.36	ug/l	98
17) Carbon Disulfide	4.21	76	116466	18.37	ug/l	99
18) Methyl Acetate	4.50	43	33240	23.43	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	107108	20.26	ug/l	96
20) Methylene Chloride	4.74	84	49160	21.25	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	43056	19.87	ug/l	96
22) Diisopropyl ether	6.14	45	144429	20.81	ug/l	97
23) Vinyl Acetate	6.08	43	450873	99.59	ug/l	99
24) 1,1-Dichloroethane	6.04	63	77162	20.80	ug/l	100
25) 2-Butanone	7.01	43	87101	98.43	ug/l	97
26) 2,2-Dichloropropane	7.01	77	66617	20.64	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	48509	20.28	ug/l	98
28) Bromochloromethane	7.36	49	30880	19.98	ug/l	100
29) Tetrahydrofuran	7.37	42	55226	103.25	ug/l	98
30) Chloroform	7.53	83	72316	19.95	ug/l	100
31) Cyclohexane	7.80	56	78528	19.85	ug/l	# 91
32) 1,1,1-Trichloroethane	7.72	97	60873	19.98	ug/l	98
36) 1,1-Dichloropropene	7.94	75	60379	20.19	ug/l	99
37) Ethyl Acetate	7.10	43	36617	20.52	ug/l	98
38) Carbon Tetrachloride	7.92	117	52789	20.10	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	78048	19.68	ug/l	98
40) Benzene	8.17	78	183259	20.84	ug/l	99
41) Methacrylonitrile	7.36	41	48956	54.63	ug/l #	31
42) 1,2-Dichloroethane	8.25	62	48223	20.13	ug/l	99
43) Isopropyl Acetate	8.29	43	67981	20.08	ug/l	99
44) Trichloroethene	8.96	130	43814	19.96	ug/l	99
45) 1,2-Dichloropropane	9.23	63	45947	20.86	ug/l	93
46) Dibromomethane	9.31	93	23653	20.53	ug/l	98
47) Bromodichloromethane	9.51	83	56438	20.30	ug/l	98
48) Methyl methacrylate	9.30	41	30244	19.75	ug/l	99
49) 1,4-Dioxane	9.31	88	6482	398.42	ug/l #	77
51) 4-Methyl-2-Pentanone	10.08	43	179256	103.04	ug/l	99
52) Toluene	10.25	92	111111	20.26	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	60731	19.76	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	72253	20.43	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	35844	21.10	ug/l	97
56) Ethyl methacrylate	10.52	69	51598	20.25	ug/l	99
57) 1,3-Dichloropropane	10.80	76	62805	20.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	137249	134.38	ug/l	99
59) 2-Hexanone	10.85	43	128435	98.39	ug/l	98
60) Dibromochloromethane	10.99	129	37438	19.99	ug/l	98
61) 1,2-Dibromoethane	11.10	107	32422	20.19	ug/l	97
64) Tetrachloroethene	10.73	164	37161	21.03	ug/l	97
65) Chlorobenzene	11.53	112	114946	20.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	38497	20.30	ug/l	100
67) Ethyl Benzene	11.60	91	213918	20.51	ug/l	99
68) m/p-Xylenes	11.71	106	160210	41.12	ug/l	99
69) o-Xylene	12.04	106	74817	20.20	ug/l	99
70) Styrene	12.05	104	129916	20.18	ug/l	99
71) Bromoform	12.22	173	21093	19.47	ug/l #	99
73) Isopropylbenzene	12.34	105	204054	20.28	ug/l	99
74) N-amyl acetate	12.16	43	62866	19.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	44451	20.69	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	56232	37.12	ug/l #	100
77) Bromobenzene	12.62	156	43888	20.12	ug/l	97
78) n-propylbenzene	12.68	91	252841	20.64	ug/l	100
79) 2-Chlorotoluene	12.77	91	140005	20.37	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	167386	20.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16111	20.18	ug/l	94
82) 4-Chlorotoluene	12.86	91	145354	20.05	ug/l	98
83) tert-Butylbenzene	13.09	119	143449	20.60	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	170058	20.48	ug/l	100
85) sec-Butylbenzene	13.27	105	209990	20.50	ug/l	99
86) p-Isopropyltoluene	13.38	119	182282	20.48	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	86909	20.55	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	85870	20.08	ug/l	99
89) n-Butylbenzene	13.71	91	185749	20.43	ug/l	99
90) Hexachloroethane	13.97	117	33375	19.91	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	77997	19.98	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6764	19.08	ug/l	97

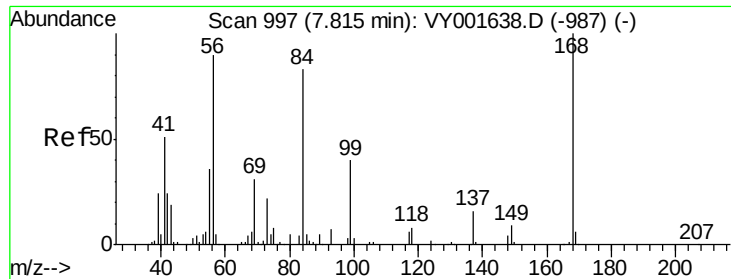
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY022820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	50531	19.54	ug/l	99
94) Hexachlorobutadiene	15.12	225	24207	18.82	ug/l	98
95) Naphthalene	15.25	128	115749	19.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	44711	19.65	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: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

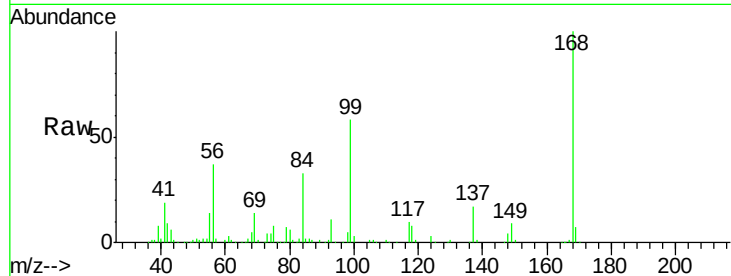
VY0228SBS01

Tgt Ion:168 Resp: 175025

Ion Ratio Lower Upper

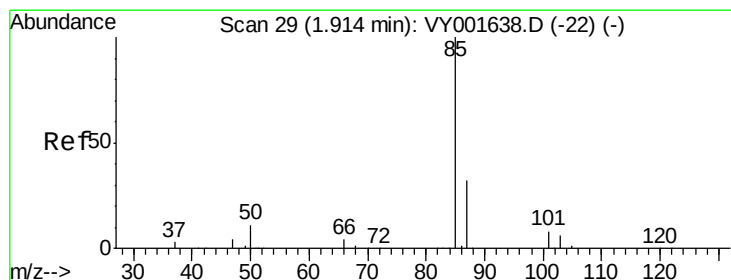
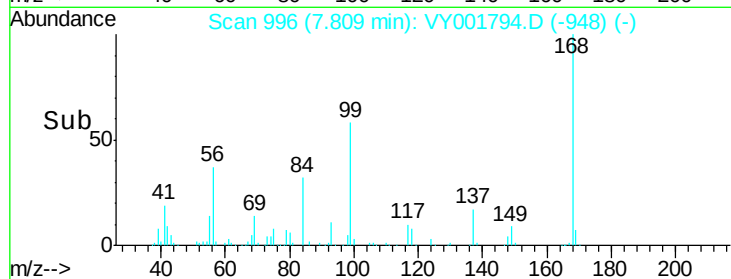
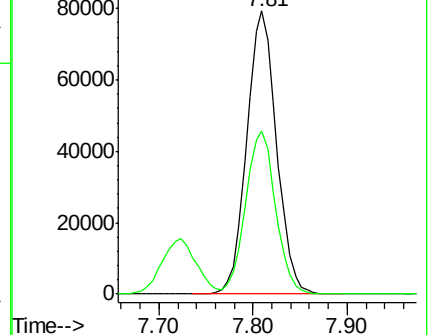
168 100

99 57.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 17.31 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001794.D

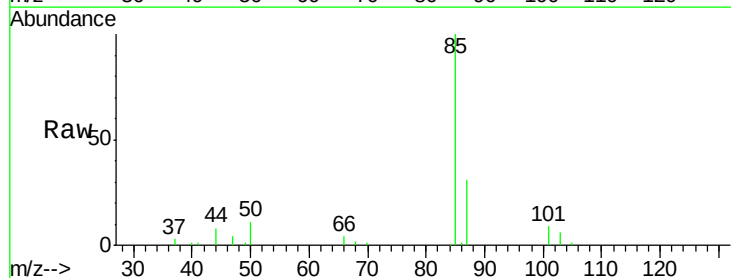
Acq: 28 Feb 2020 11:02

Tgt Ion: 85 Resp: 29540

Ion Ratio Lower Upper

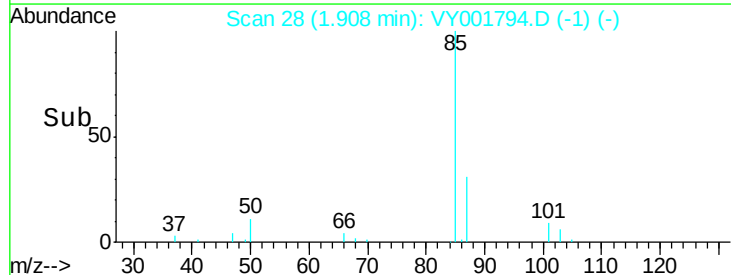
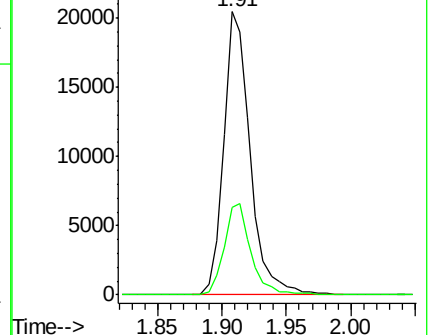
85 100

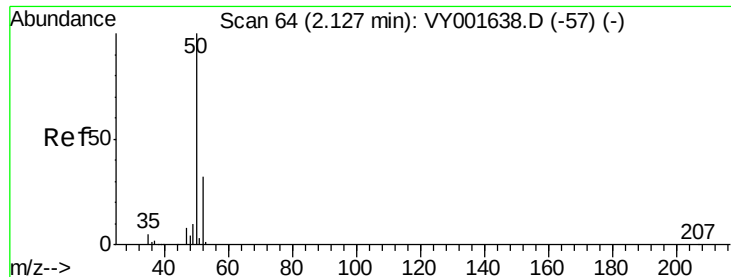
87 30.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)





#3

Chloromethane

Concen: 18.66 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

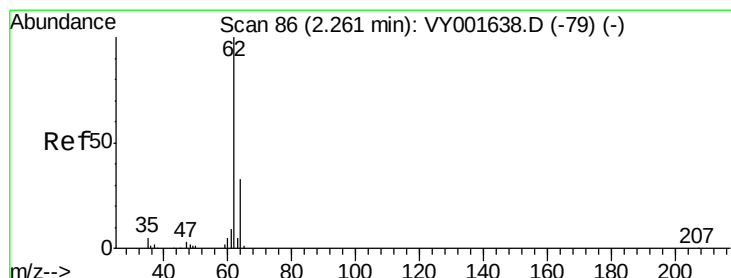
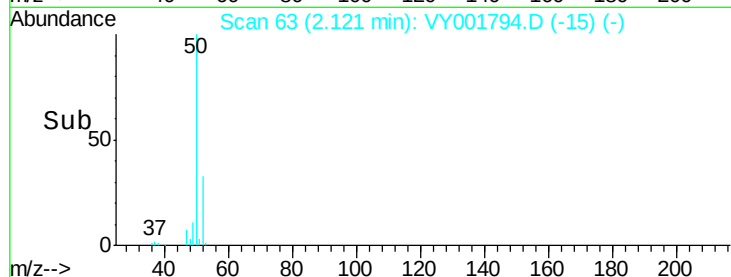
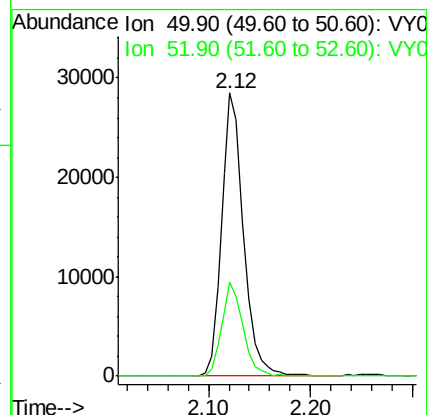
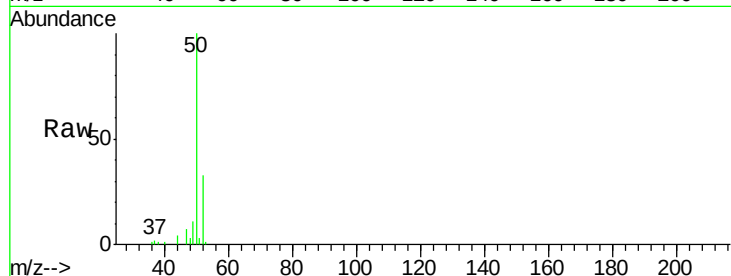
VY0228SBS01

Tgt Ion: 50 Resp: 42810

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.6



#4

Vinyl Chloride

Concen: 18.40 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001794.D

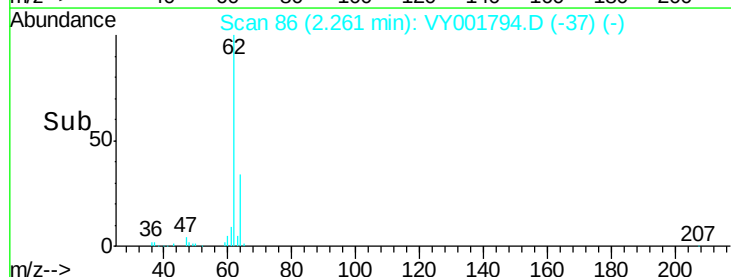
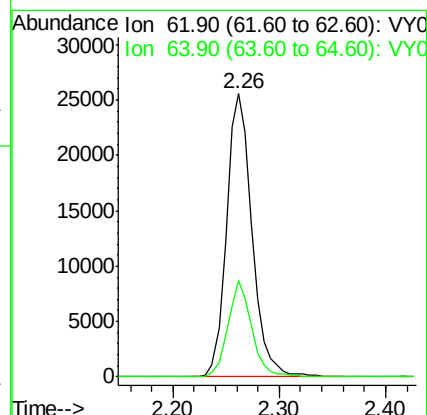
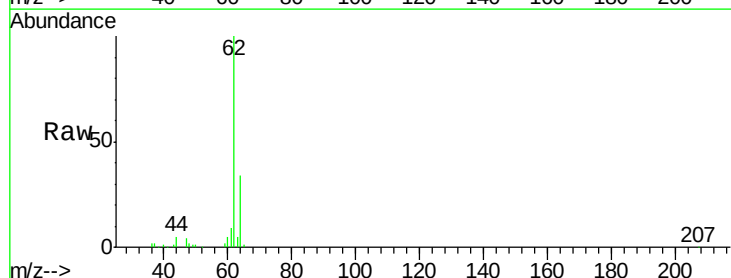
Acq: 28 Feb 2020 11:02

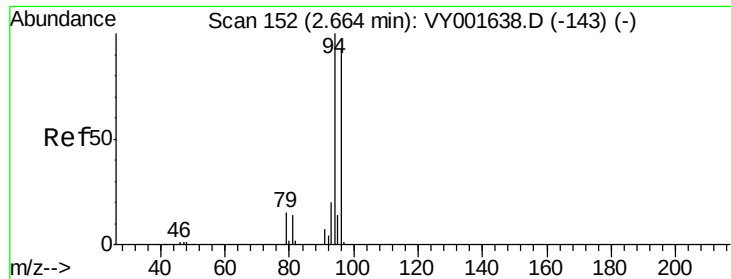
Tgt Ion: 62 Resp: 42587

Ion Ratio Lower Upper

62 100

64 34.2 24.9 37.3





#5

Bromomethane

Concen: 19.99 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

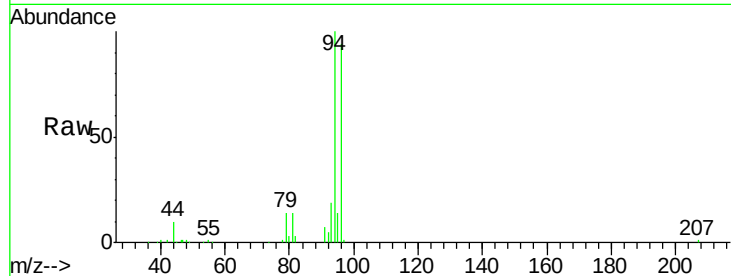
VY0228SBS01

Tgt Ion: 94 Resp: 28923

Ion Ratio Lower Upper

94 100

96 93.7 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

15000

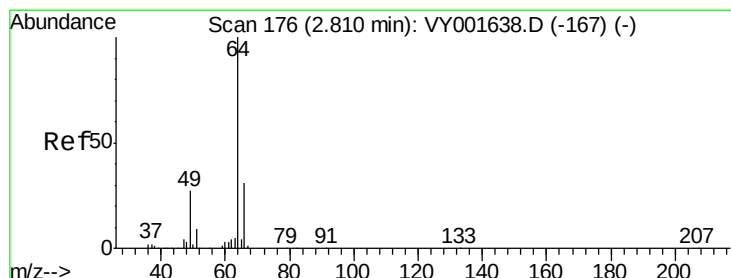
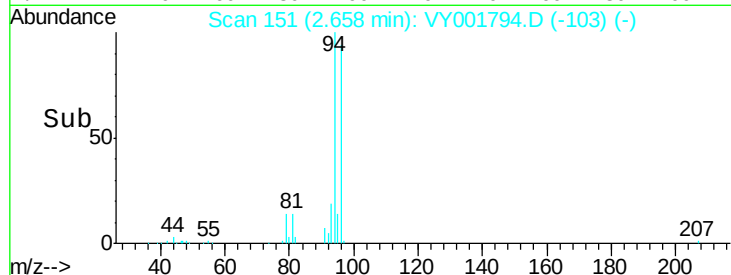
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 19.29 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001794.D

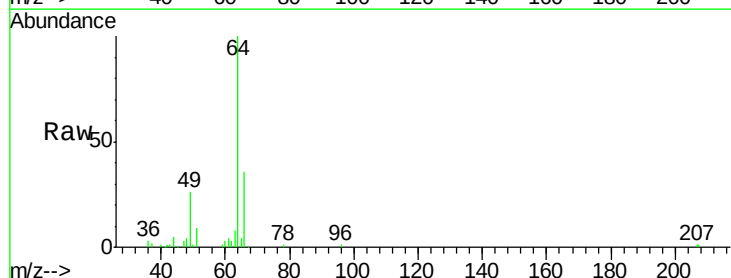
Acq: 28 Feb 2020 11:02

Tgt Ion: 64 Resp: 27519

Ion Ratio Lower Upper

64 100

66 35.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

15000

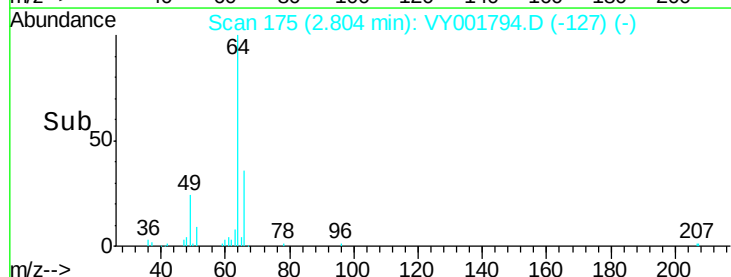
10000

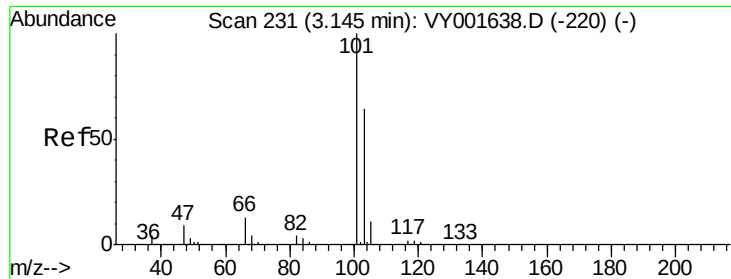
5000

0

Time-->

2.70 2.75 2.80 2.85 2.90





#7

Trichlorofluoromethane

Concen: 20.34 ug/l

RT: 3.14 min Scan# 230

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

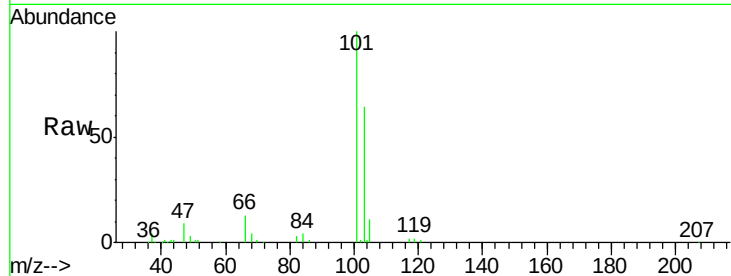
VY0228SBS01

Tgt Ion:101 Resp: 60245

Ion Ratio Lower Upper

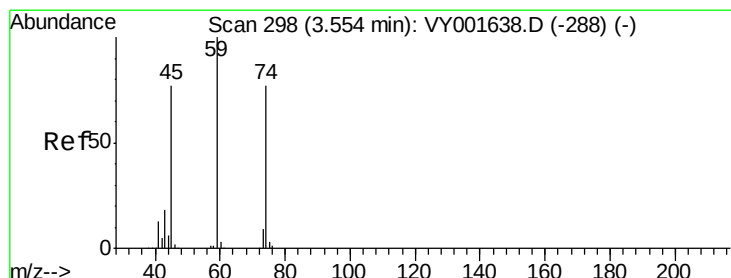
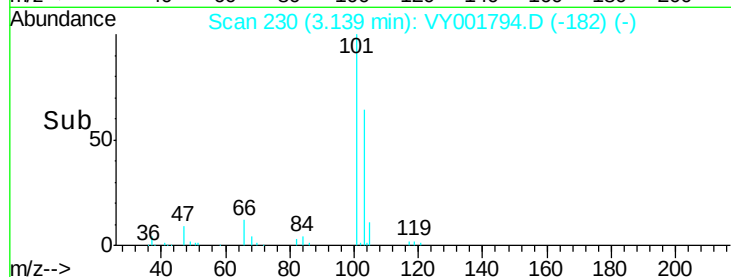
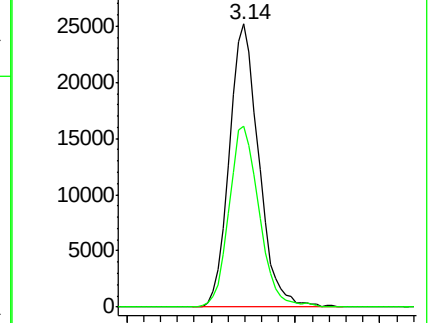
101 100

103 64.1 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.58 ug/l

RT: 3.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: VY001794.D

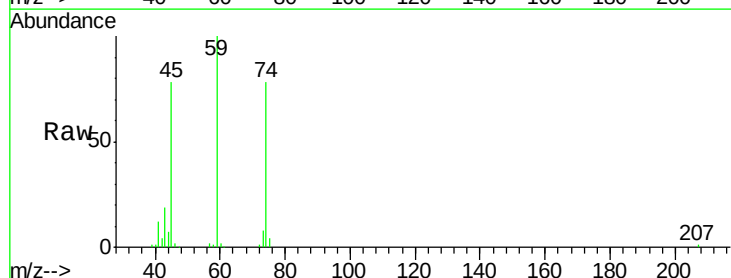
Acq: 28 Feb 2020 11:02

Tgt Ion: 74 Resp: 24037

Ion Ratio Lower Upper

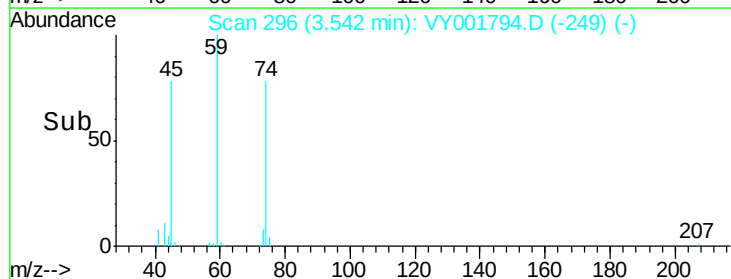
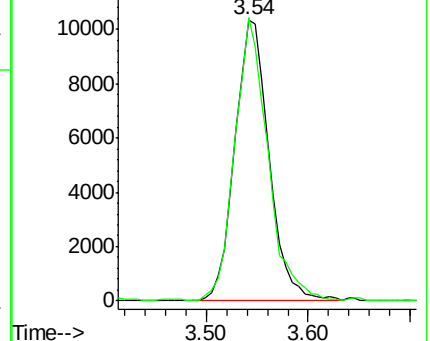
74 100

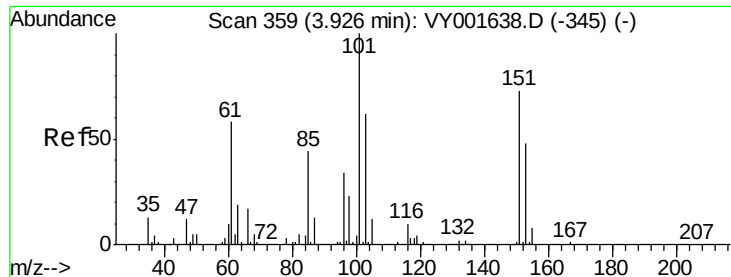
45 97.6 49.6 148.8



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.34 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

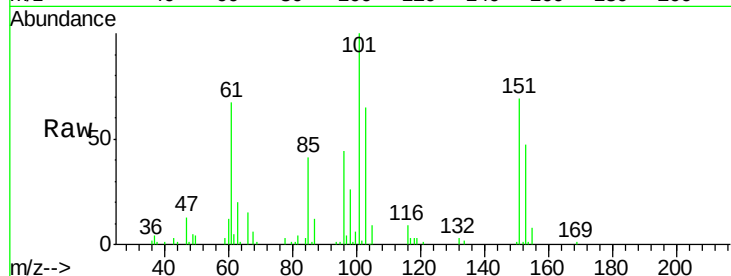
Tgt Ion:101 Resp: 39730

Ion Ratio Lower Upper

101 100

85 42.1 35.1 52.7

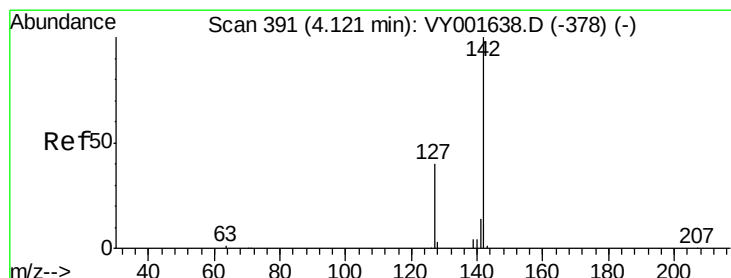
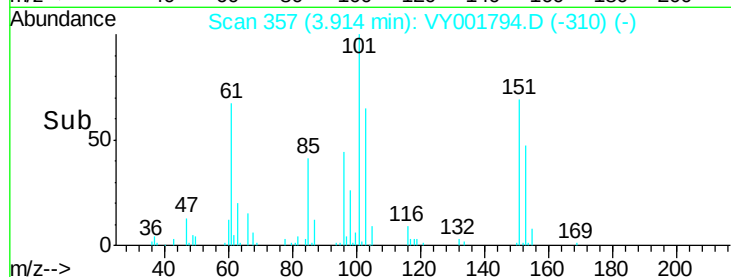
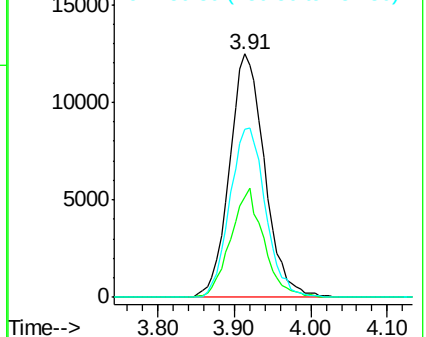
151 70.5 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.83 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

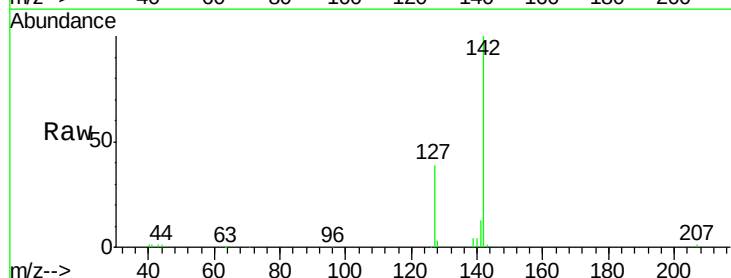
Tgt Ion:142 Resp: 42914

Ion Ratio Lower Upper

142 100

127 39.5 32.1 48.1

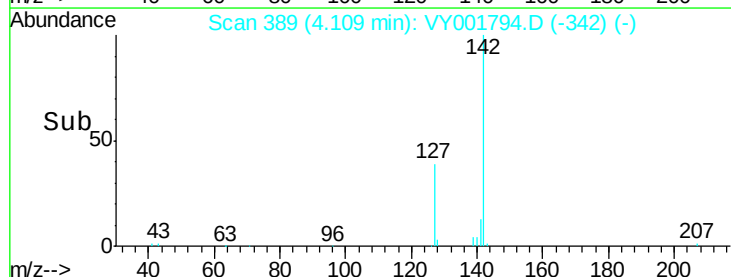
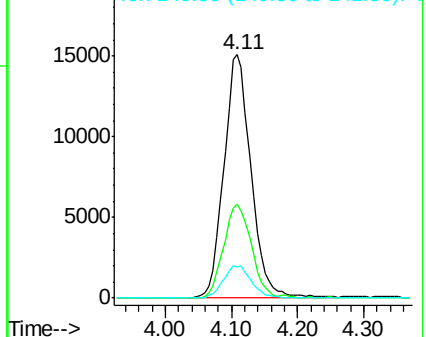
141 13.5 11.3 16.9

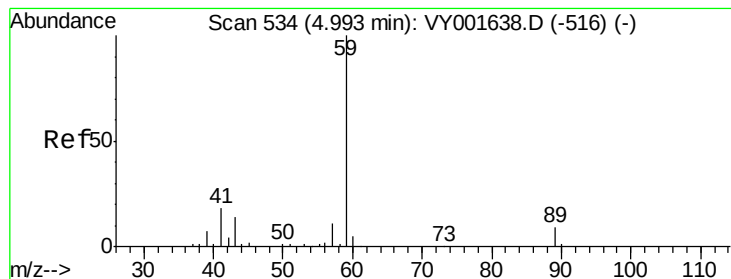


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



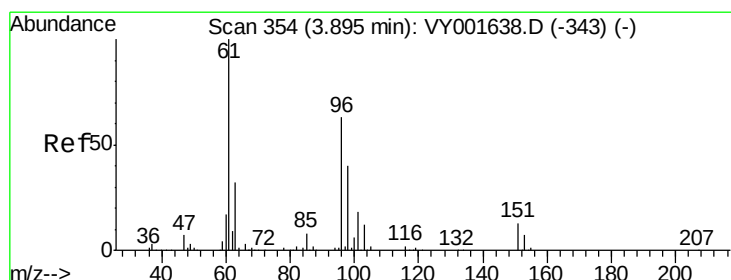
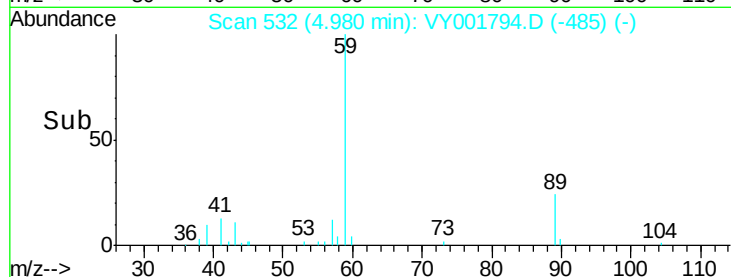
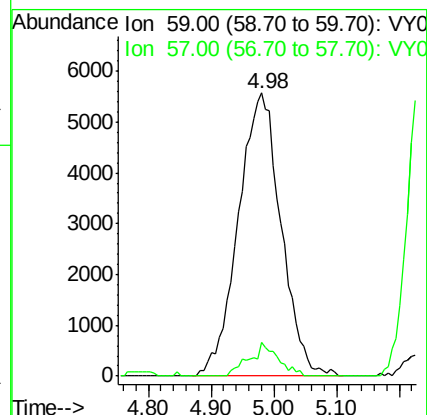
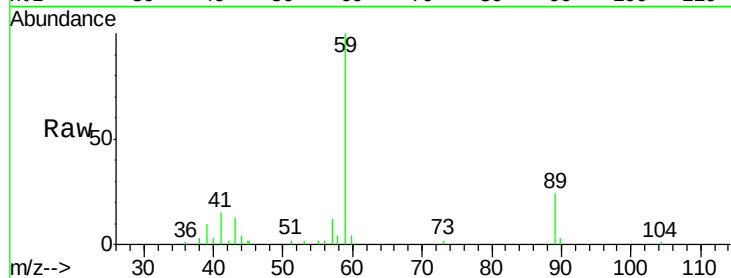


#11

Tert butyl alcohol
 Concen: 105.51 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

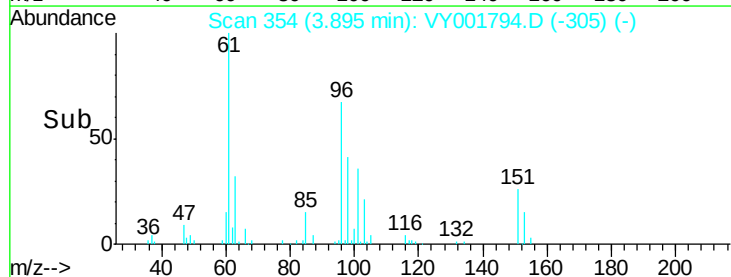
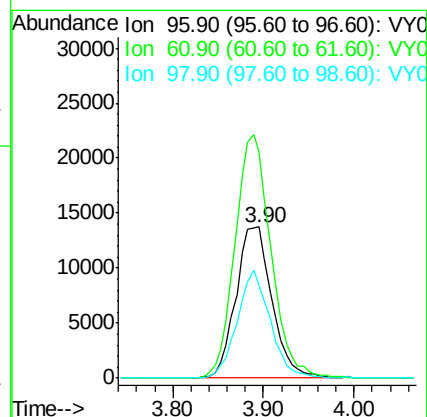
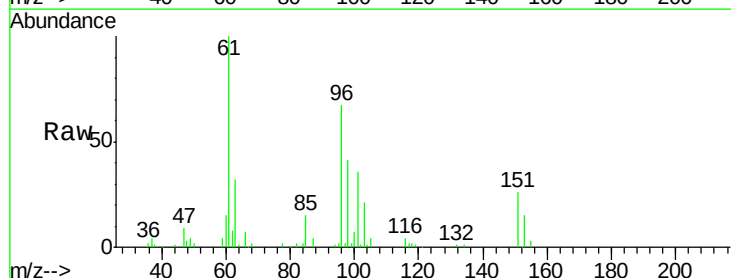
Tgt Ion: 59 Resp: 26204
 Ion Ratio Lower Upper
 59 100
 57 8.0 7.4 11.2

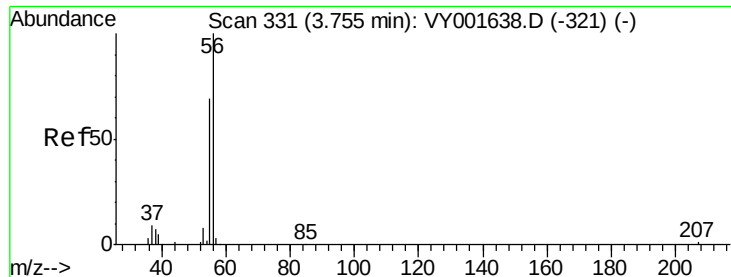


#12

1,1-Dichloroethene
 Concen: 20.04 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 96 Resp: 38051
 Ion Ratio Lower Upper
 96 100
 61 149.0 128.7 193.1
 98 61.5 50.7 76.1





#13

Acrolein

Concen: 77.69 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

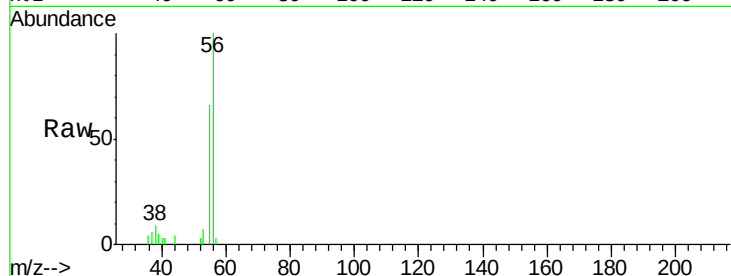
VY0228SBS01

Tgt Ion: 56 Resp: 14772

Ion Ratio Lower Upper

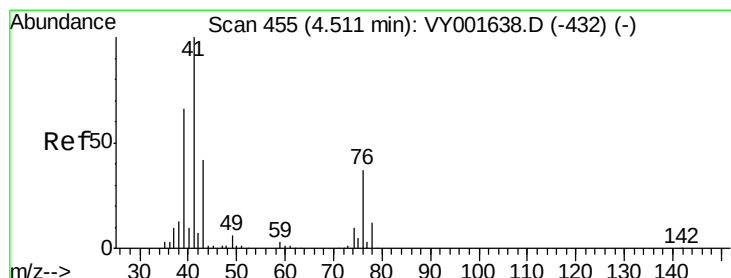
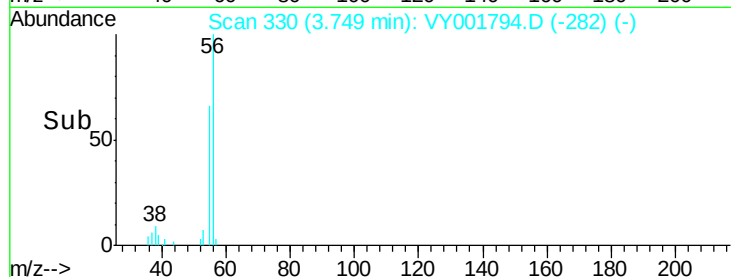
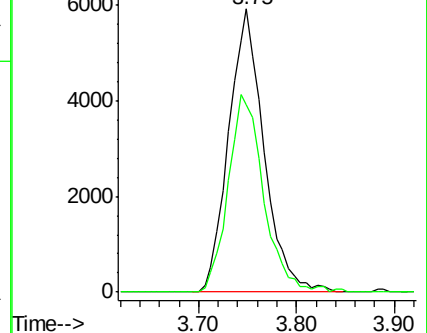
56 100

55 69.4 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.51 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

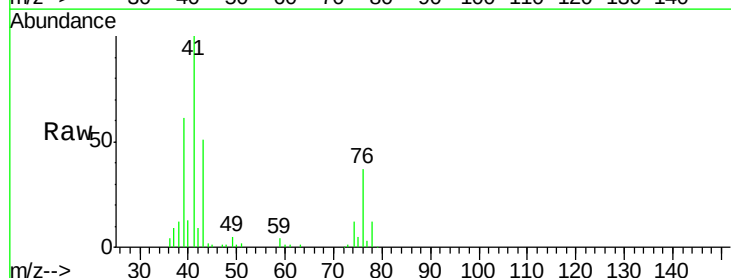
Tgt Ion: 41 Resp: 69320

Ion Ratio Lower Upper

41 100

39 61.2 49.4 74.0

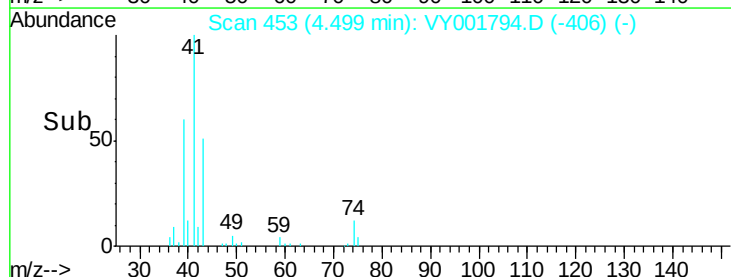
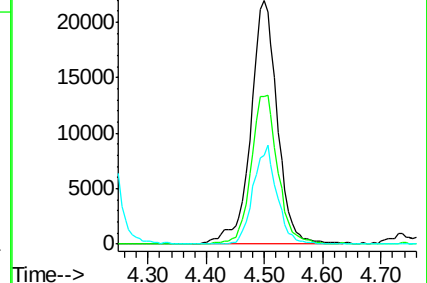
76 36.0 29.0 43.6

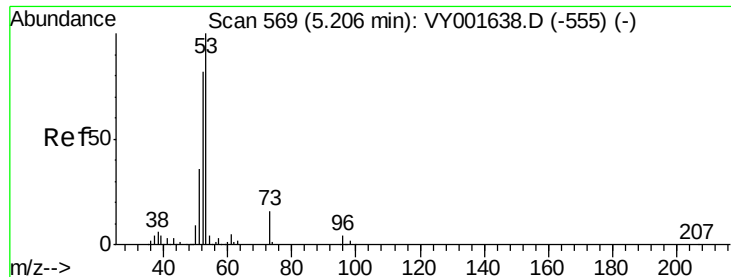


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 106.39 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

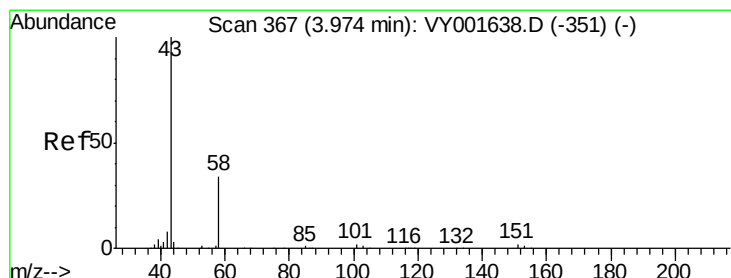
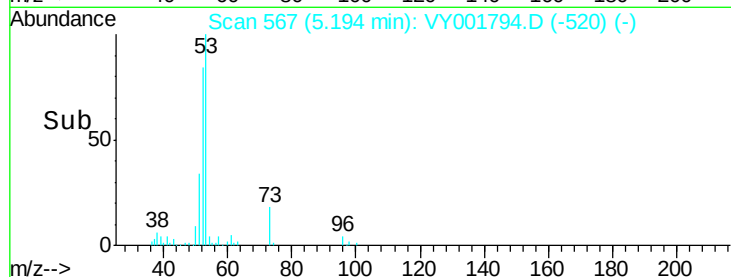
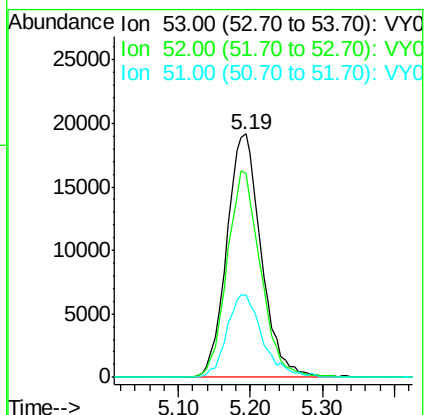
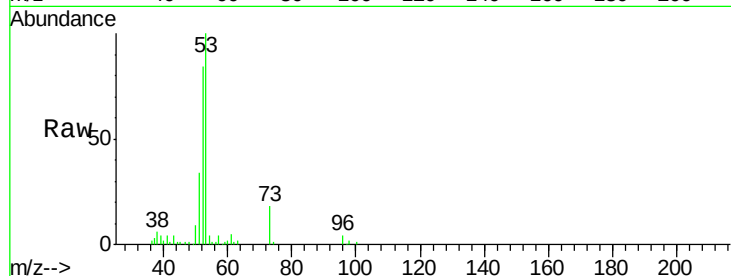
Tgt Ion: 53 Resp: 63686

Ion Ratio Lower Upper

53 100

52 82.4 65.4 98.0

51 34.8 28.0 42.0



#16

Acetone

Concen: 89.36 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001794.D

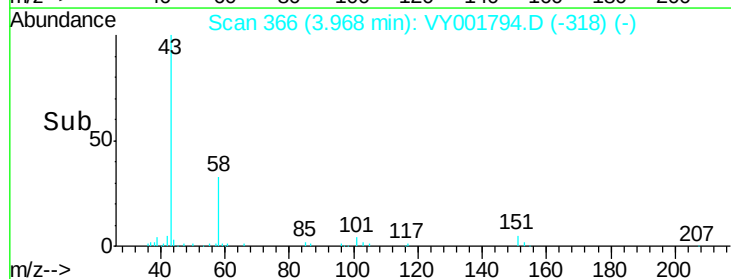
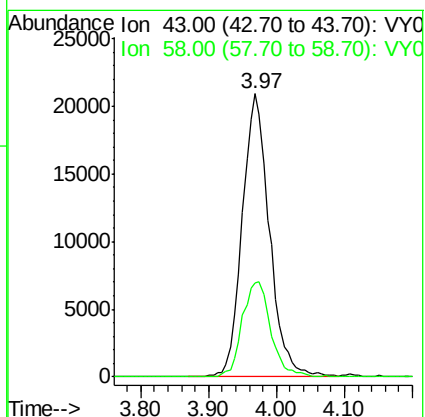
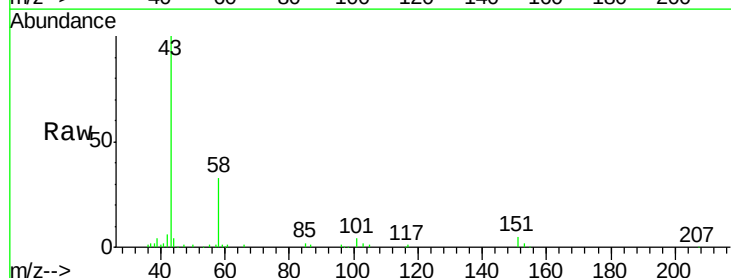
Acq: 28 Feb 2020 11:02

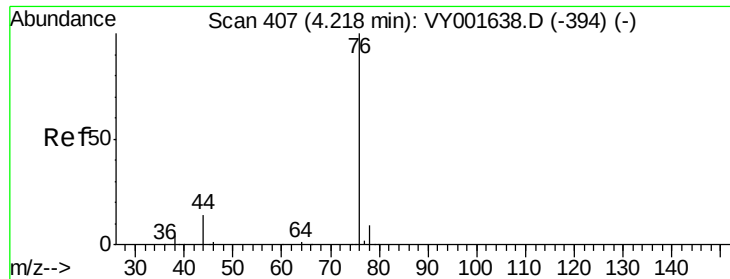
Tgt Ion: 43 Resp: 58210

Ion Ratio Lower Upper

43 100

58 33.2 27.3 40.9

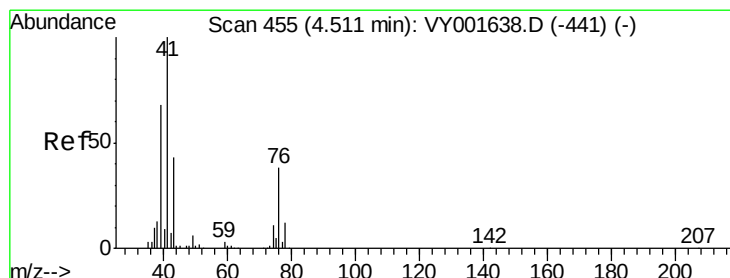
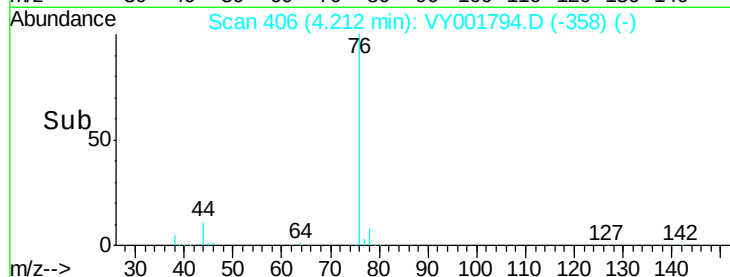
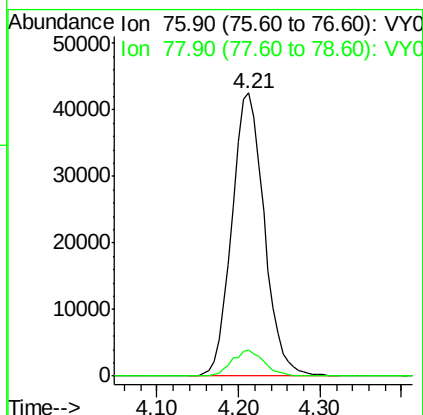
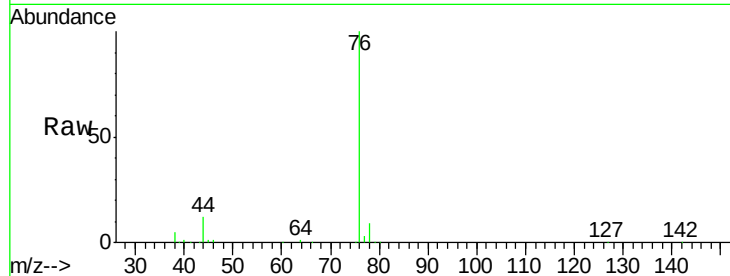




#17
Carbon Disulfide
Concen: 18.37 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

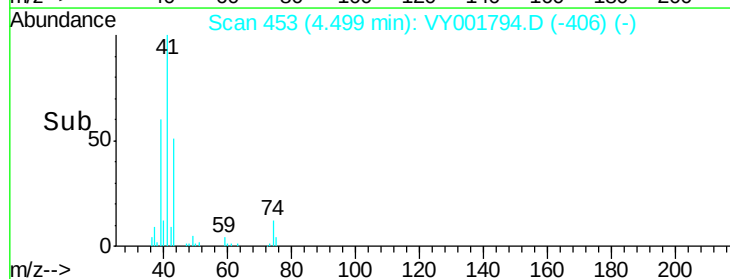
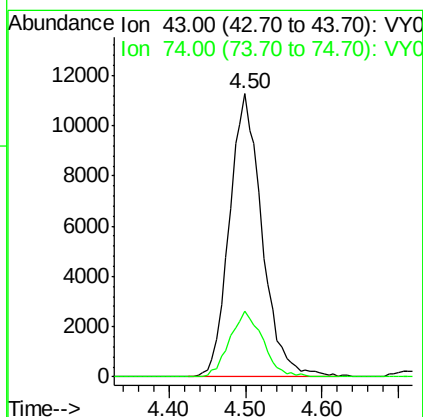
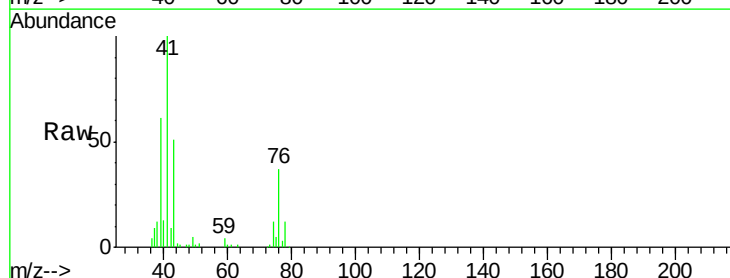
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

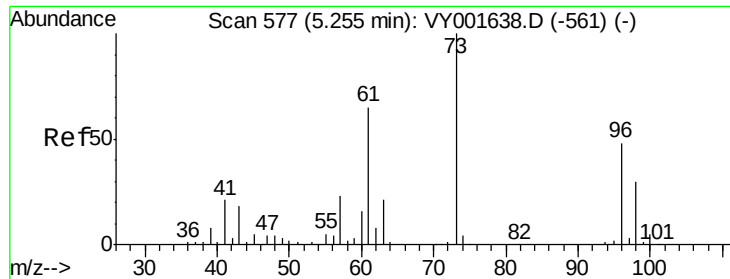
Tgt Ion: 76 Resp: 116466
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 23.43 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 43 Resp: 33240
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7

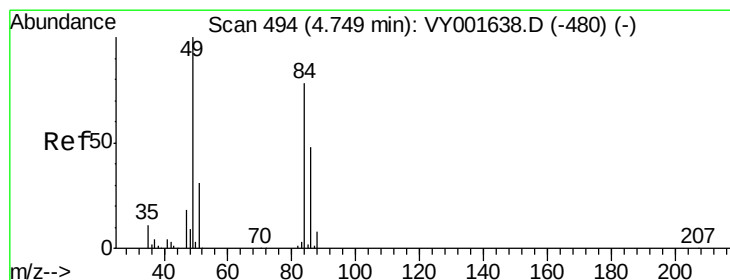
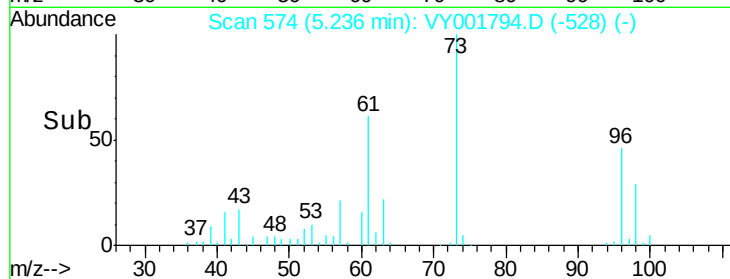
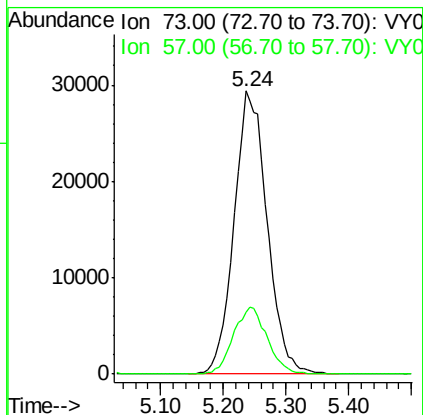
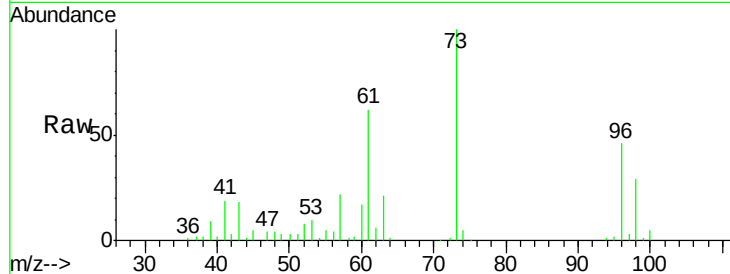




#19
Methyl tert-butyl Ether
Concen: 20.26 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

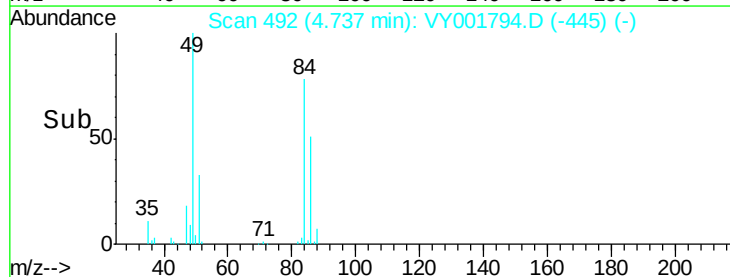
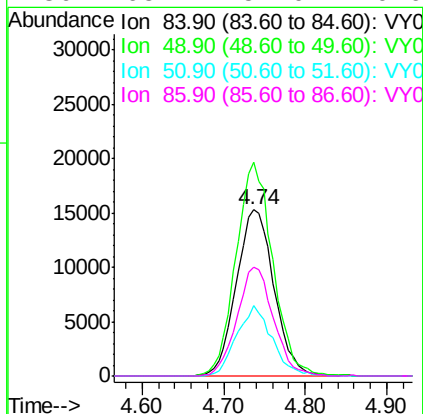
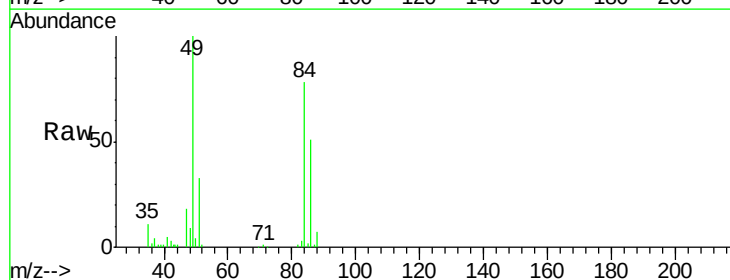
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

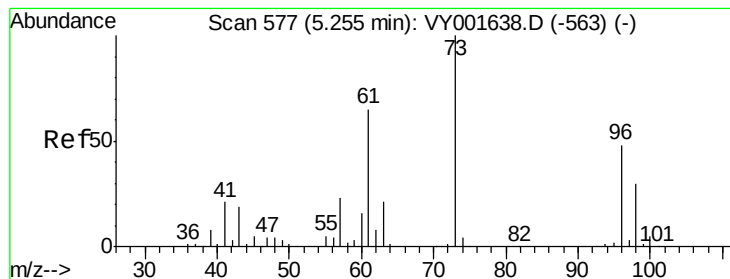
Tgt Ion: 73 Resp: 107108
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.6



#20
Methylene Chloride
Concen: 21.25 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 84 Resp: 49160
Ion Ratio Lower Upper
84 100
49 128.5 99.2 148.8
51 42.1 31.5 47.3
86 65.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.87 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

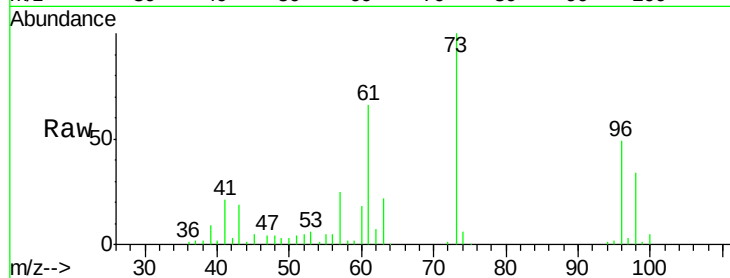
Tgt Ion: 96 Resp: 43056

Ion Ratio Lower Upper

96 100

61 136.2 107.9 161.9

98 69.4 49.8 74.8

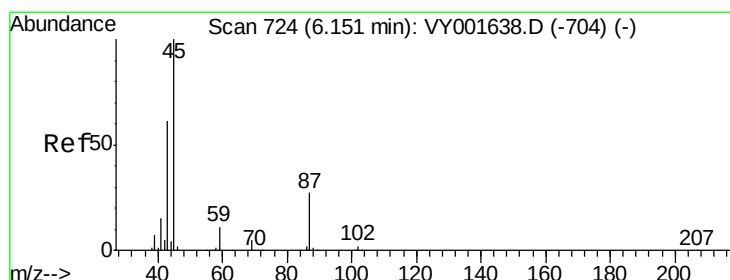
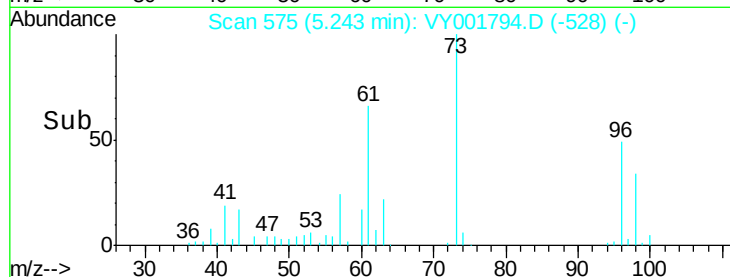
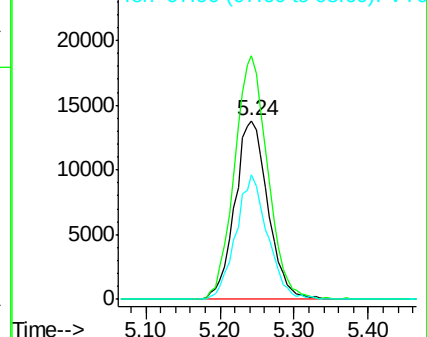


Abundance

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: 20.81 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Tgt Ion: 45 Resp: 144429

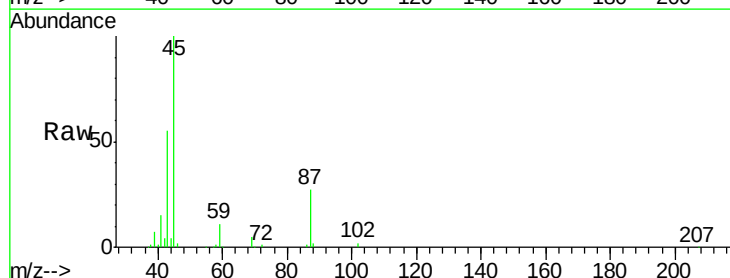
Ion Ratio Lower Upper

45 100

43 55.1 46.4 69.6

87 26.5 22.1 33.1

59 11.5 9.4 14.0



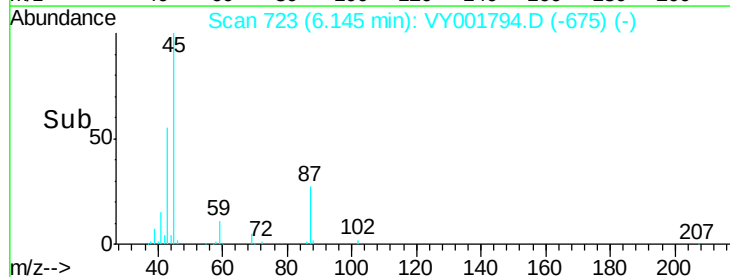
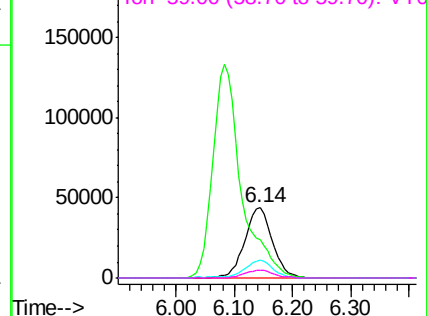
Abundance

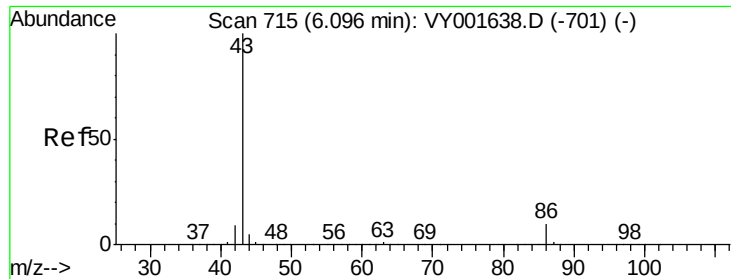
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 99.59 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

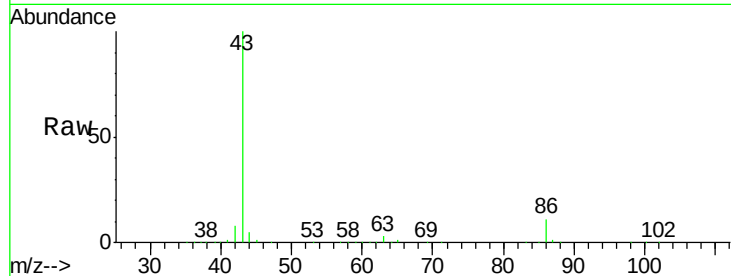
VY0228SBS01

Tgt Ion: 43 Resp: 450873

Ion Ratio Lower Upper

43 100

86 10.7 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

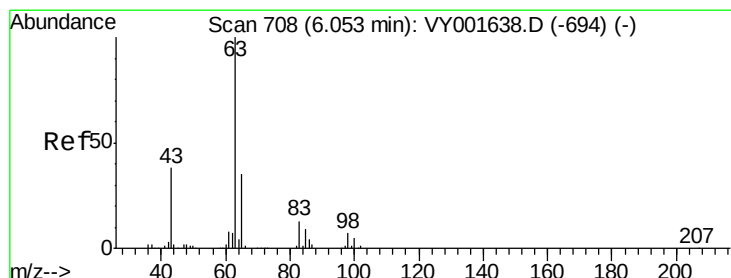
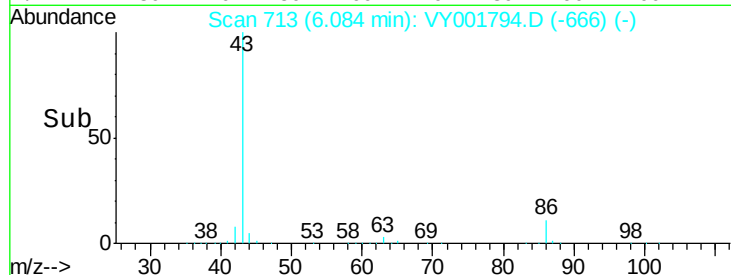
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.80 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

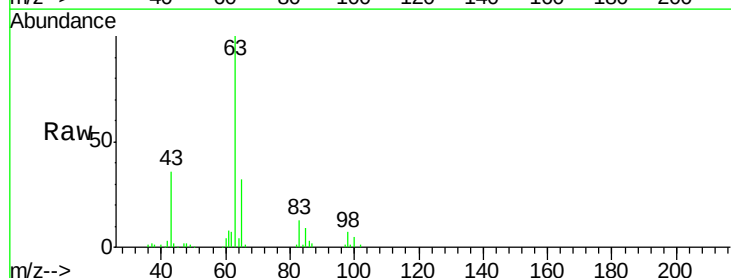
Tgt Ion: 63 Resp: 77162

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.7 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

6.04

30000

25000

20000

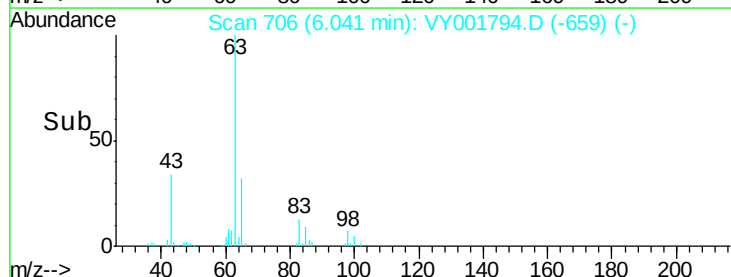
15000

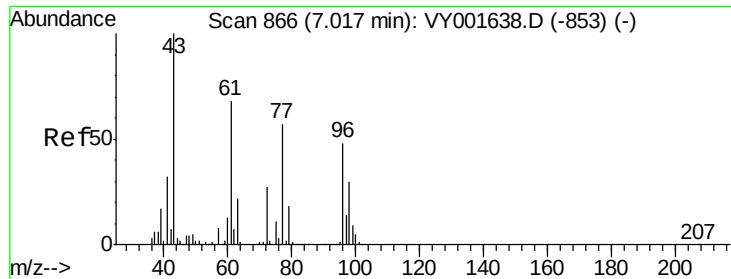
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 98.43 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

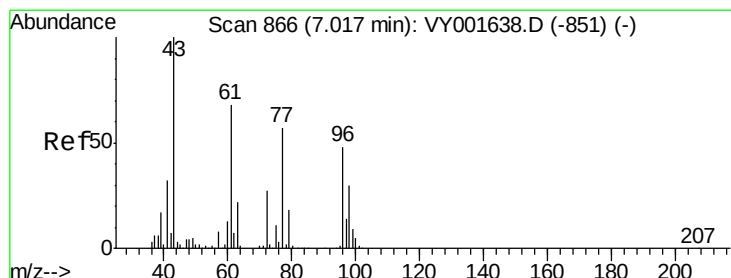
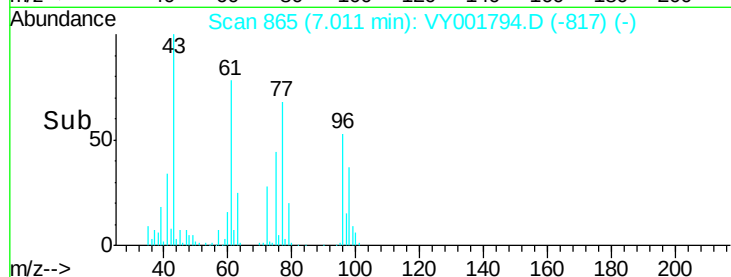
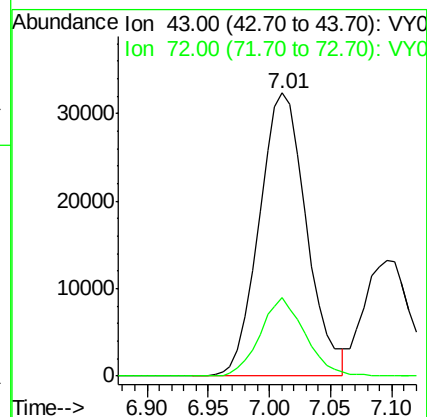
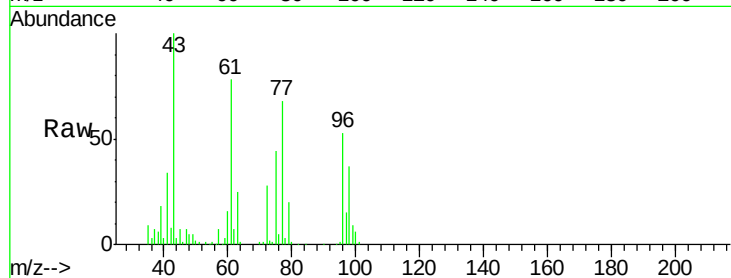
VY0228SBS01

Tgt Ion: 43 Resp: 87101

Ion Ratio Lower Upper

43 100

72 27.9 21.2 31.8



#26

2,2-Dichloropropane

Concen: 20.64 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001794.D

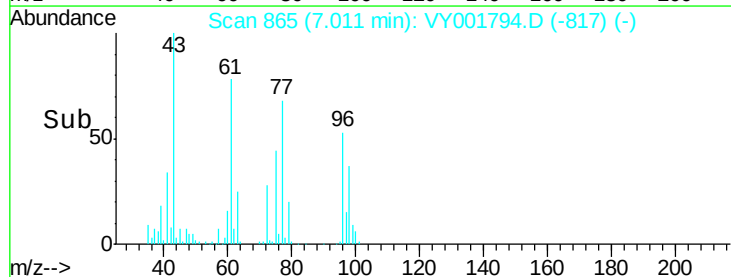
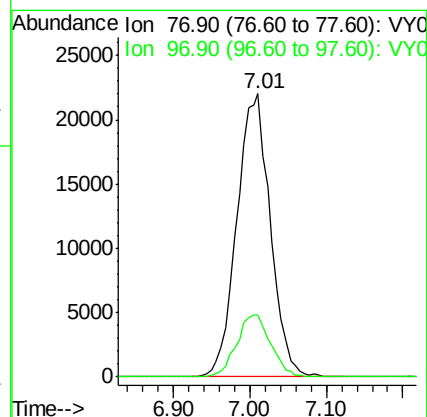
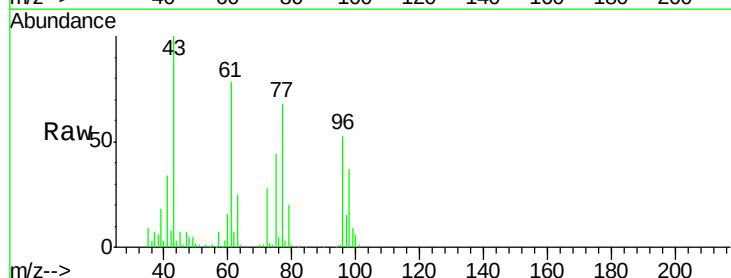
Acq: 28 Feb 2020 11:02

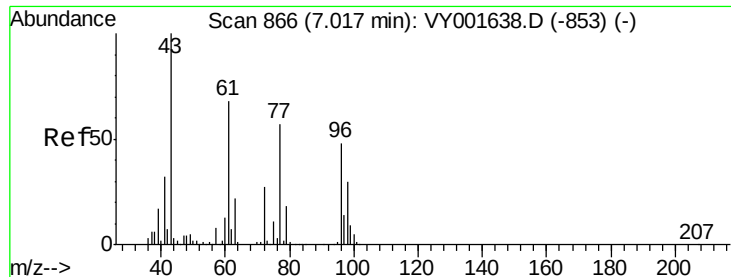
Tgt Ion: 77 Resp: 66617

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.4

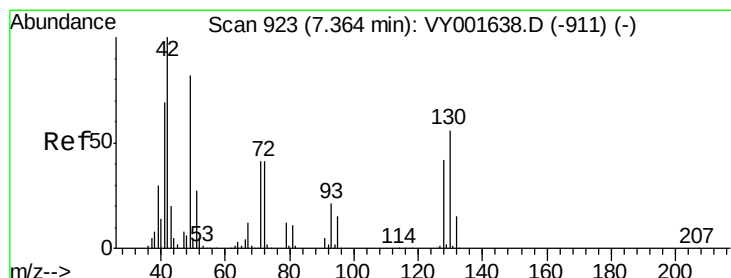
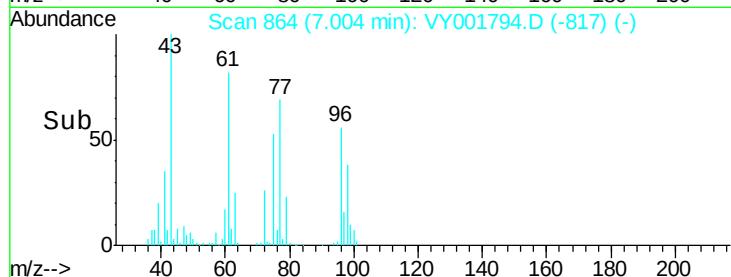
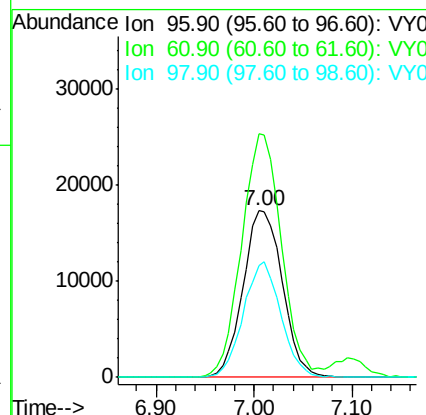
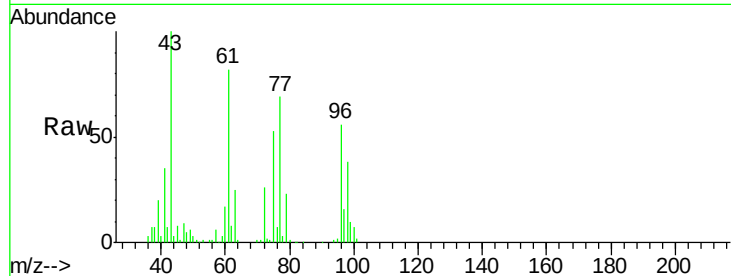




#27
 cis-1,2-Dichloroethene
 Concen: 20.28 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

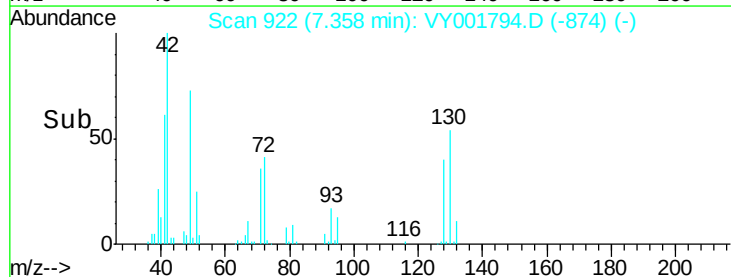
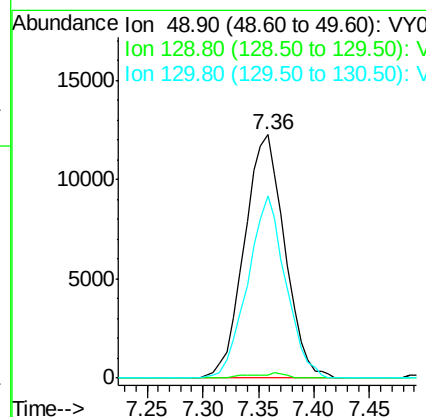
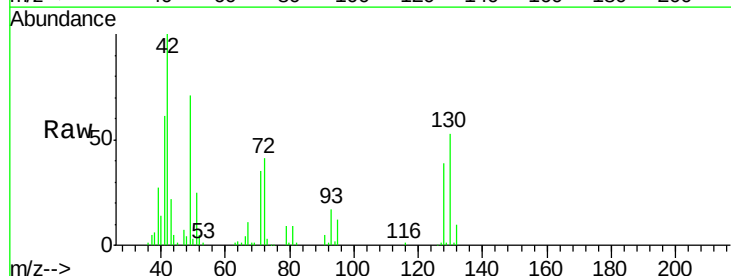
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

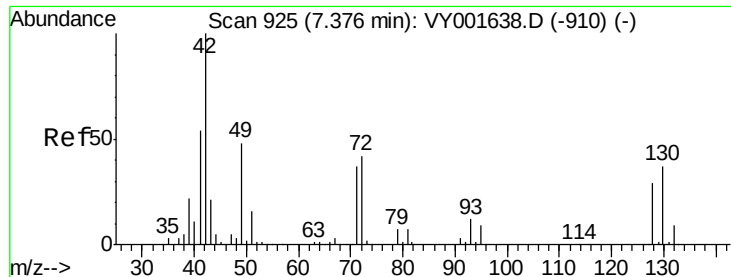
Tgt Ion: 96 Resp: 48509
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 290.8
 98 65.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 19.98 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 49 Resp: 30880
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 70.4 56.2 84.4

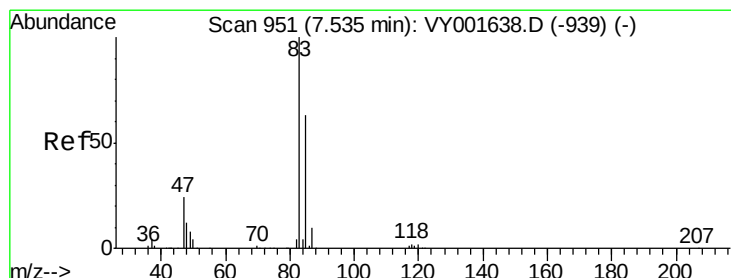
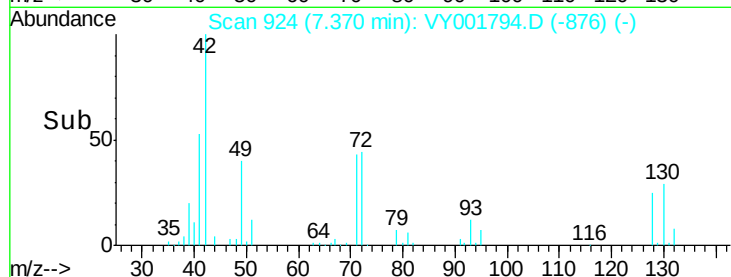
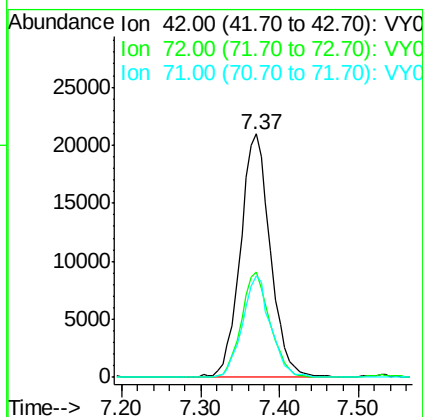
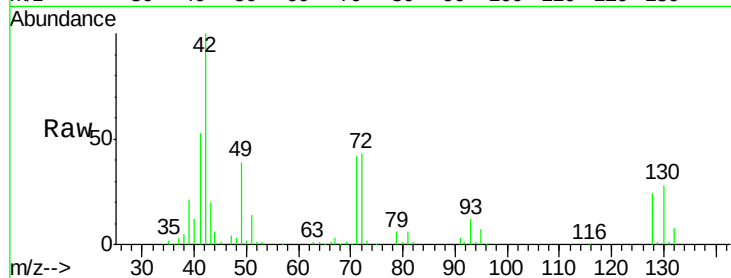




#29
Tetrahydrofuran
Concen: 103.25 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

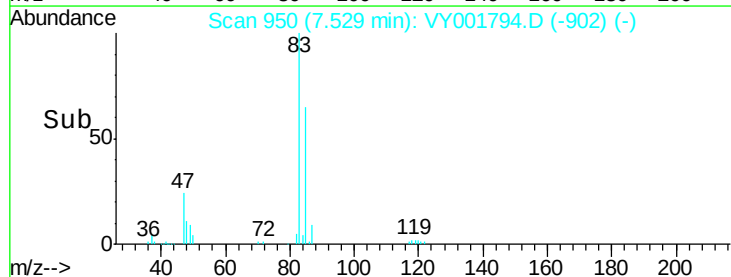
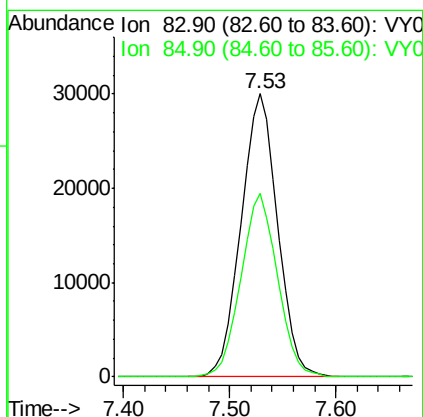
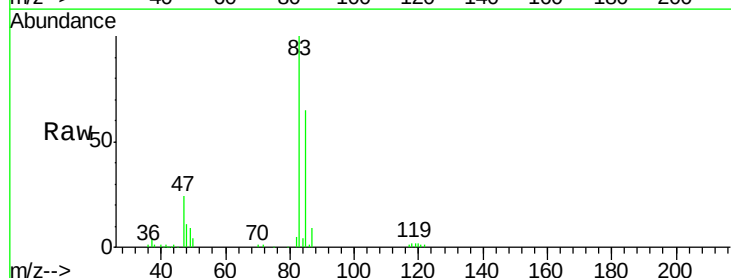
Instrument :
MSVOA_Y
ClientSampled :
VY0228SBS01

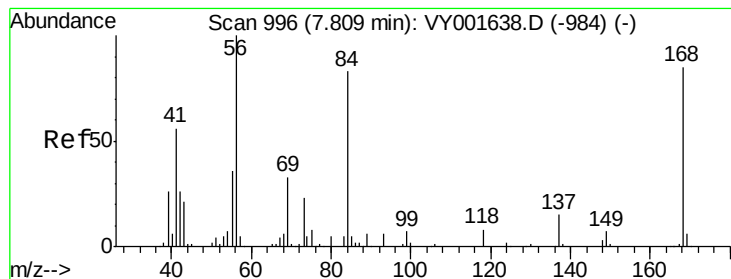
Tgt Ion: 42 Resp: 55226
Ion Ratio Lower Upper
42 100
72 41.6 34.4 51.6
71 39.2 31.8 47.8



#30
Chloroform
Concen: 19.95 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 83 Resp: 72316
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4





#31

Cyclohexane

Concen: 19.85 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

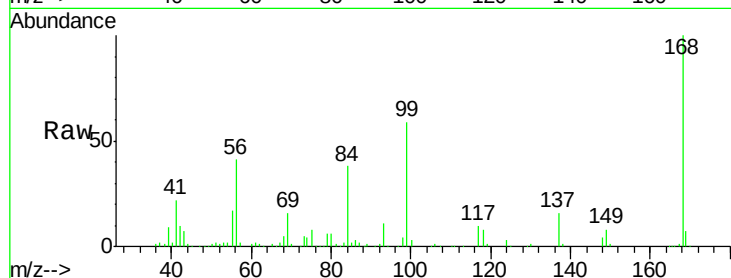
Tgt Ion: 56 Resp: 78528

Ion Ratio Lower Upper

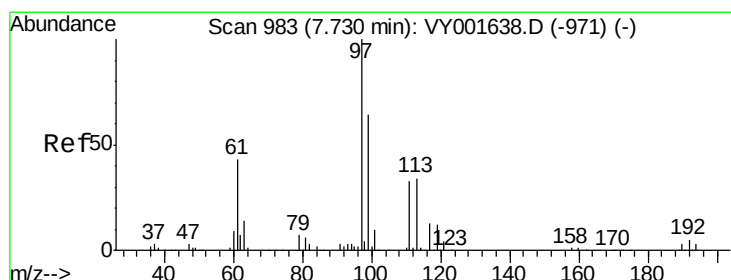
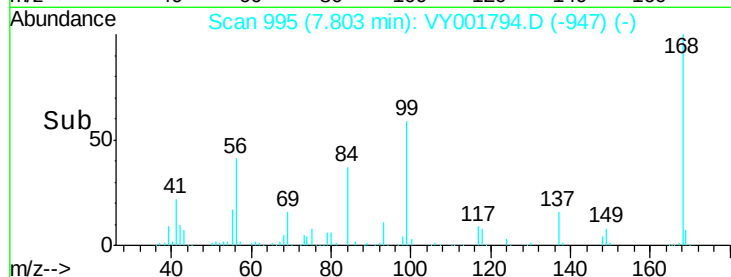
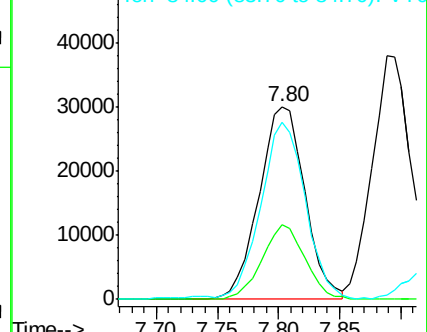
56 100

69 38.5 25.1 37.7#

84 90.7 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: 19.98 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

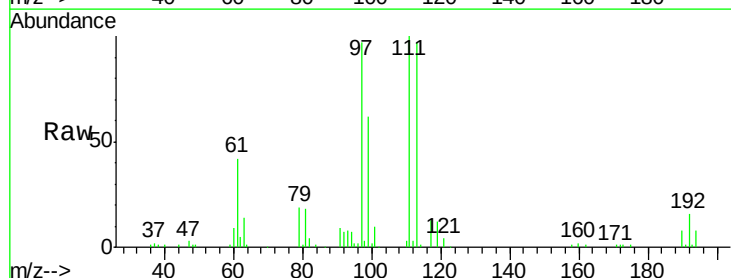
Tgt Ion: 97 Resp: 60873

Ion Ratio Lower Upper

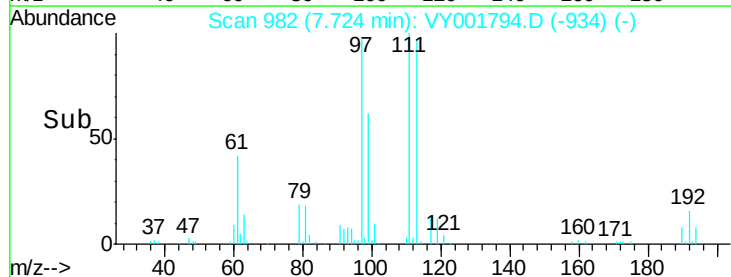
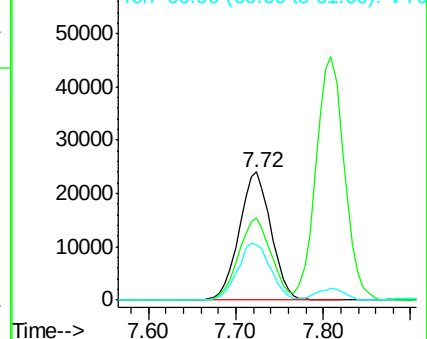
97 100

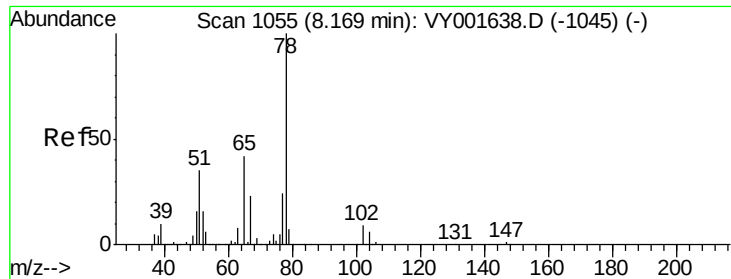
99 65.8 51.2 76.8

61 45.5 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

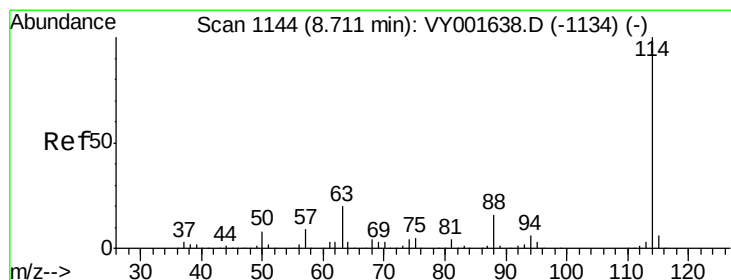
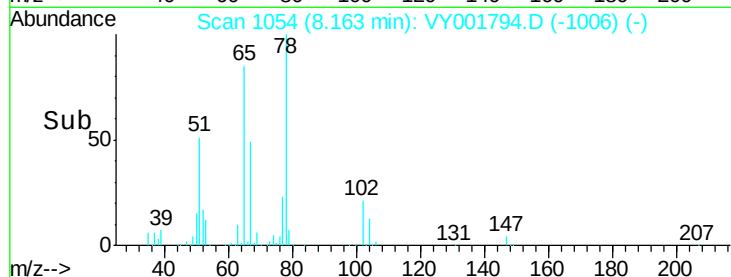
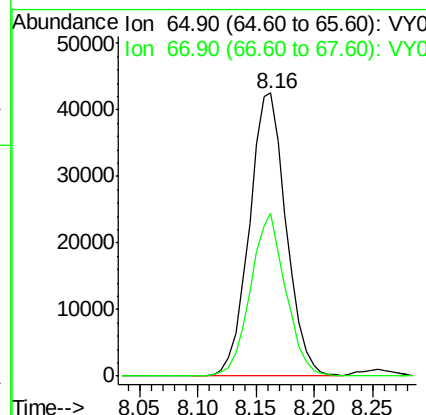
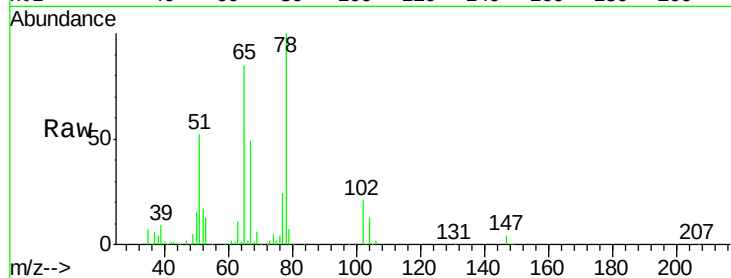




#33
 1,2-Dichloroethane-d4
 Concen: 49.63 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

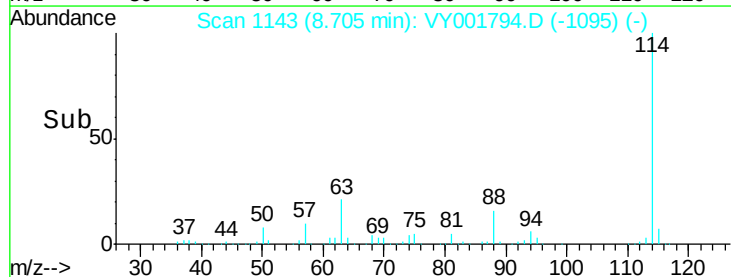
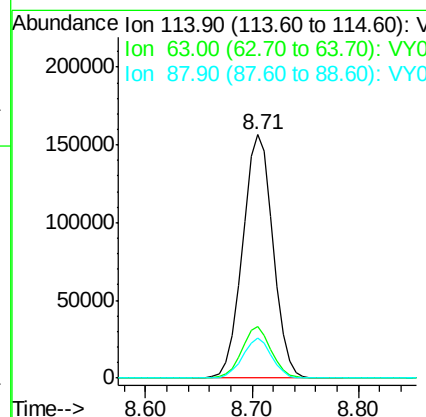
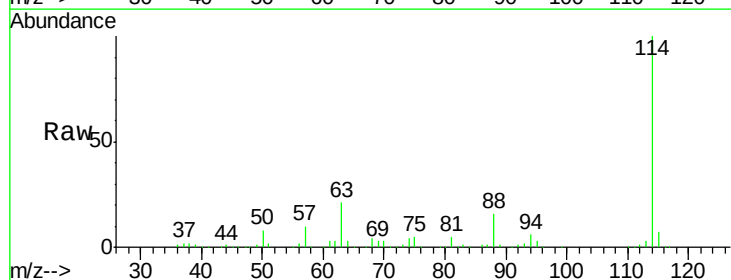
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

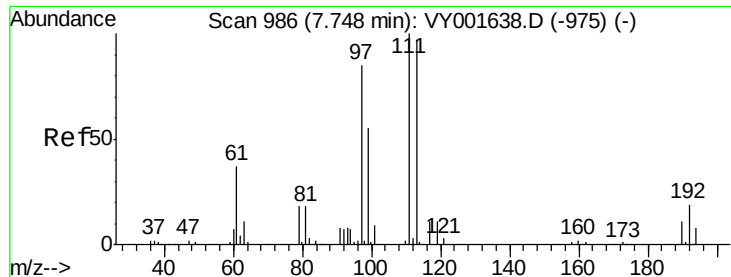
Tgt Ion: 65 Resp: 93428
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 114 Resp: 313028
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 16.4 0.0 32.8

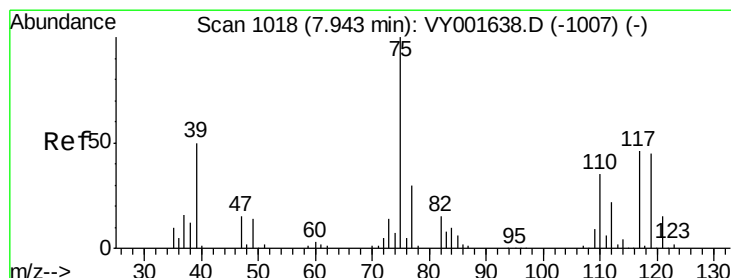
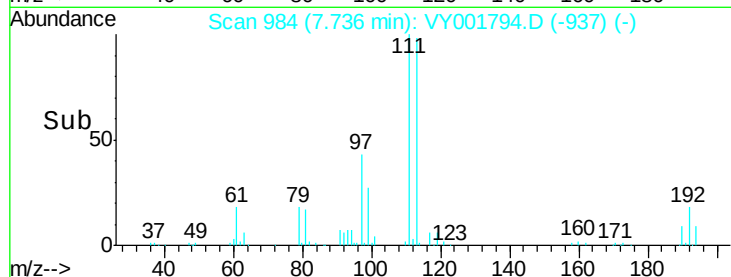
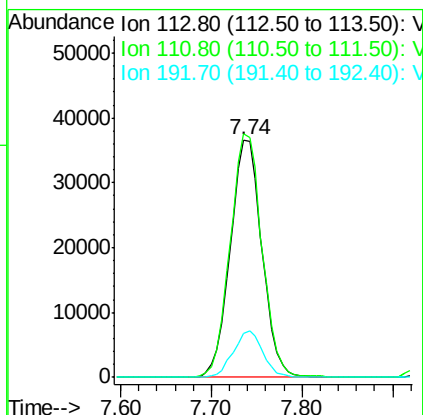
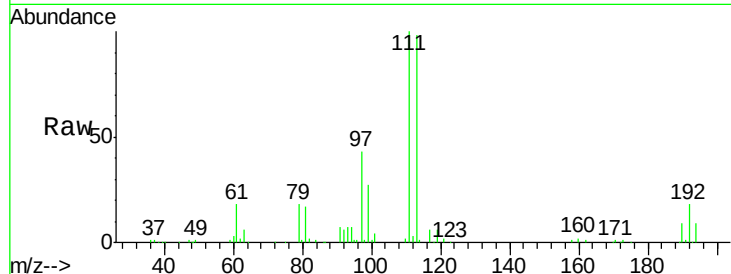




#35
 Dibromofluoromethane
 Concen: 49.34 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

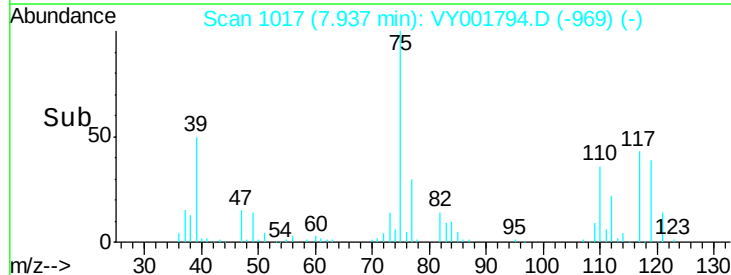
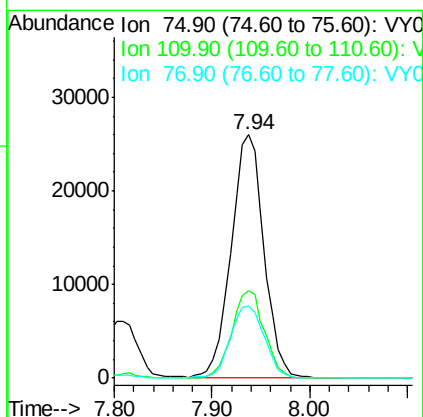
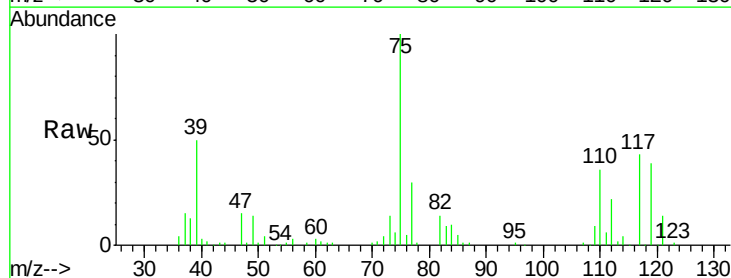
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

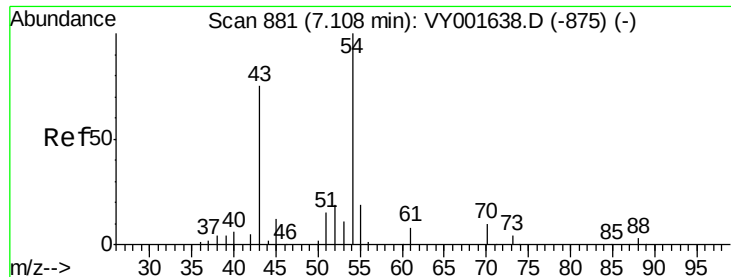
Tgt Ion: 113 Resp: 88456
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 18.3 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 20.19 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 75 Resp: 60379
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.2 51.6
 77 31.0 24.8 37.2

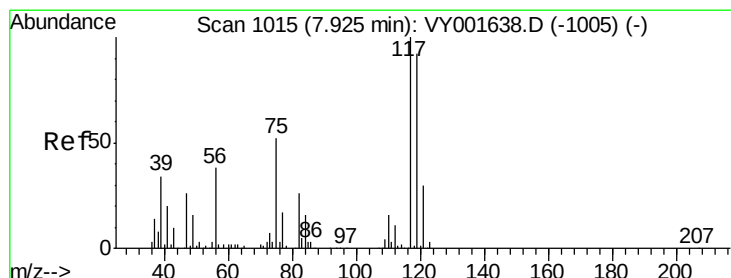
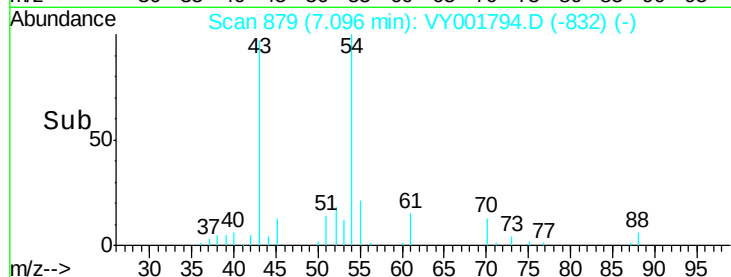
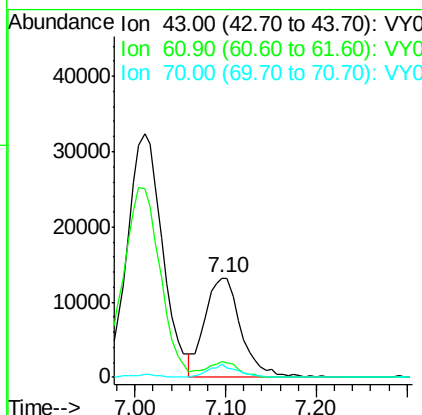
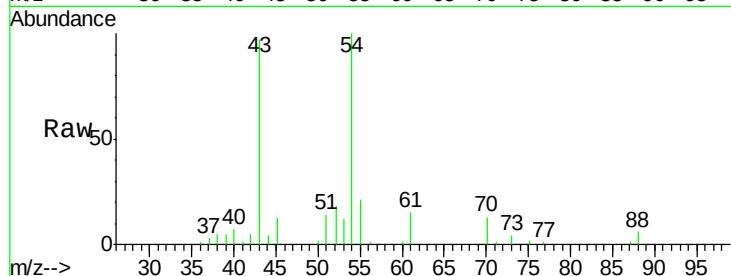




#37
Ethyl Acetate
Concen: 20.52 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

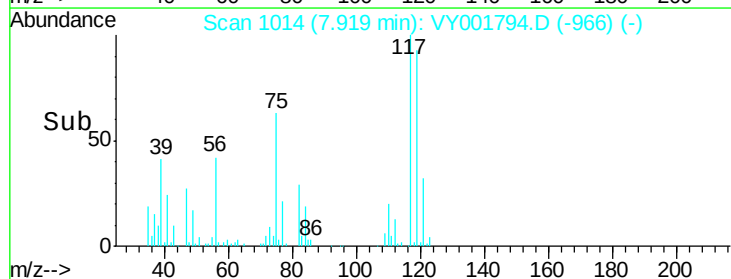
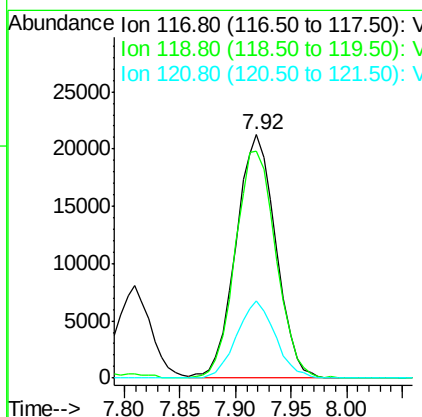
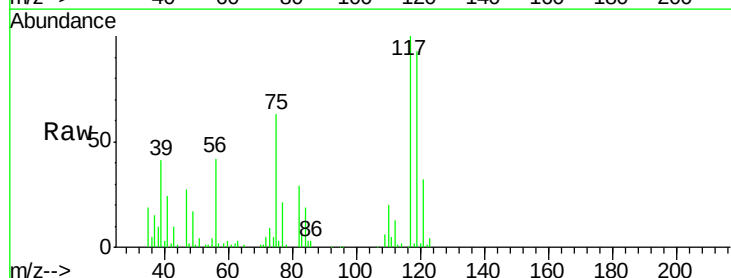
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

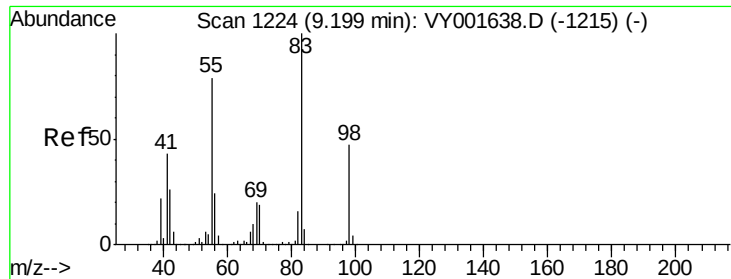
Tgt Ion: 43 Resp: 36617
Ion Ratio Lower Upper
43 100
61 12.7 11.0 16.6
70 10.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.10 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 117 Resp: 52789
Ion Ratio Lower Upper
117 100
119 93.1 74.8 112.2
121 31.9 23.8 35.6

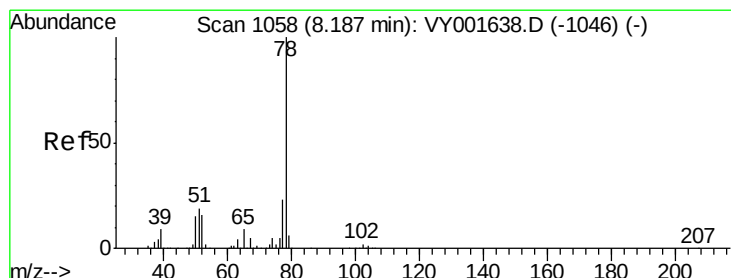
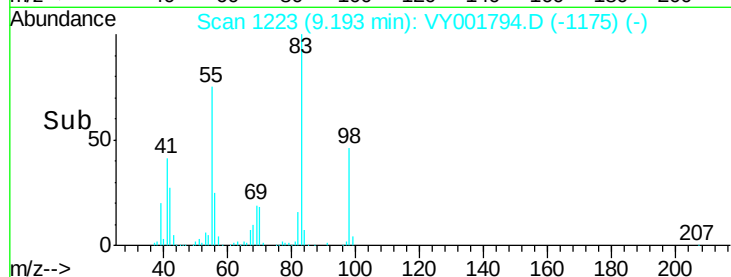
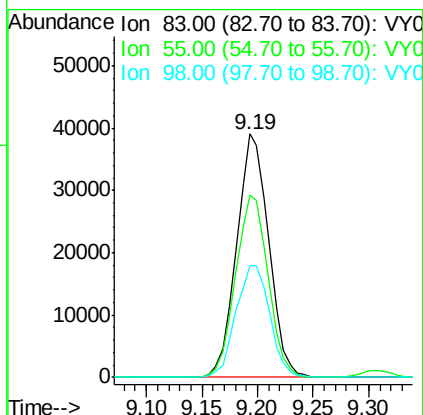
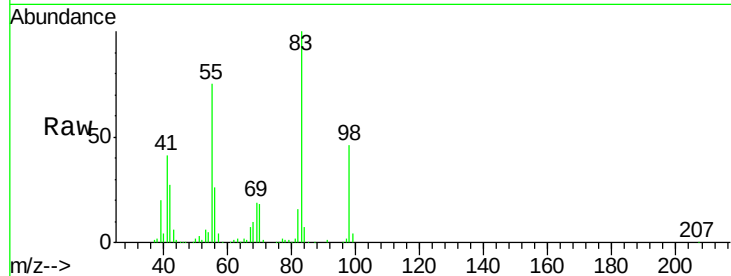




#39
Methylcyclohexane
Concen: 19.68 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

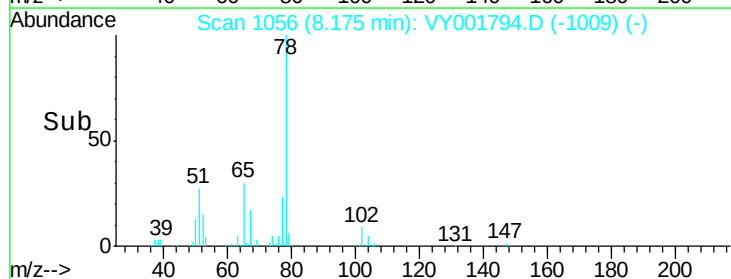
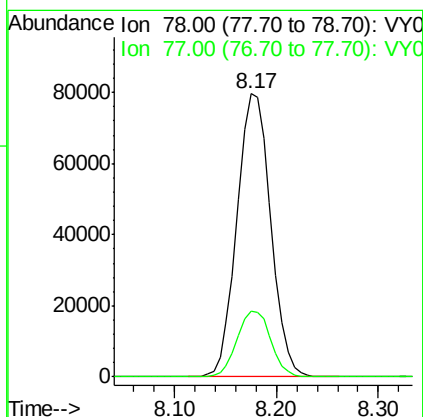
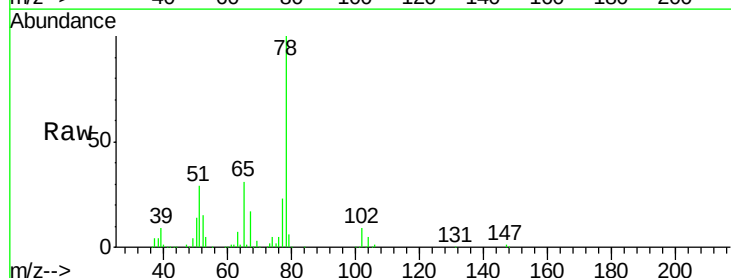
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

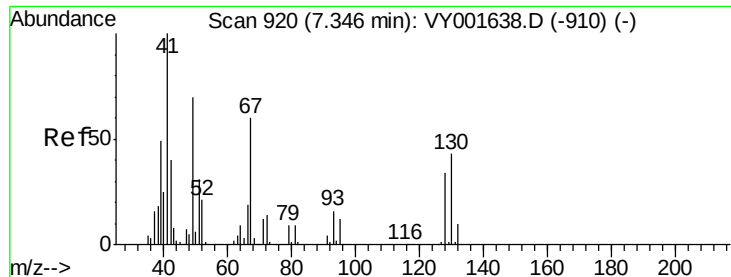
Tgt Ion: 83 Resp: 78048
Ion Ratio Lower Upper
83 100
55 74.7 61.3 91.9
98 46.1 38.0 57.0



#40
Benzene
Concen: 20.84 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 78 Resp: 183259
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4

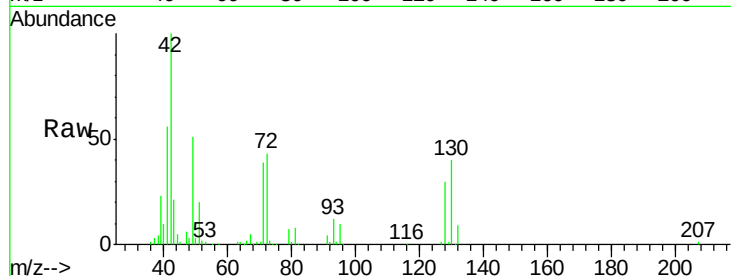




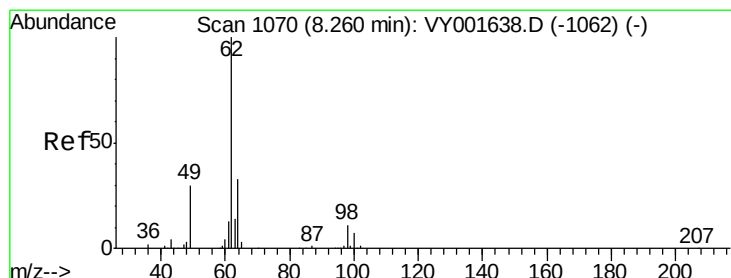
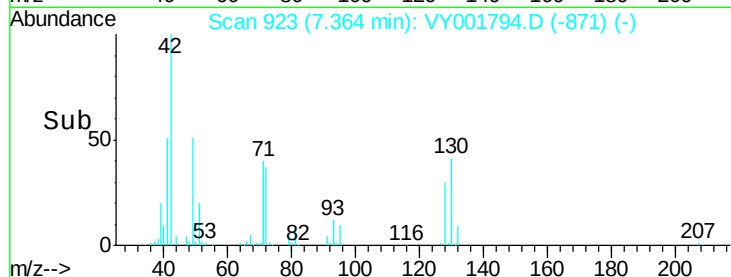
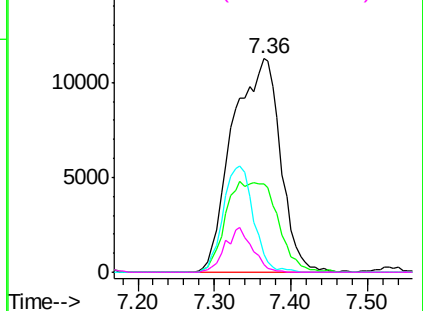
#41
Methacrylonitrile
Concen: 54.63 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Tgt Ion:	41	Resp:	48956
Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

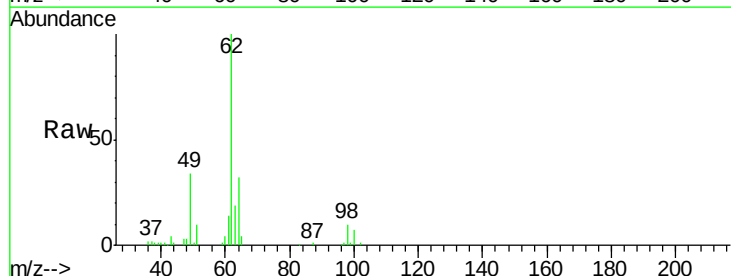


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

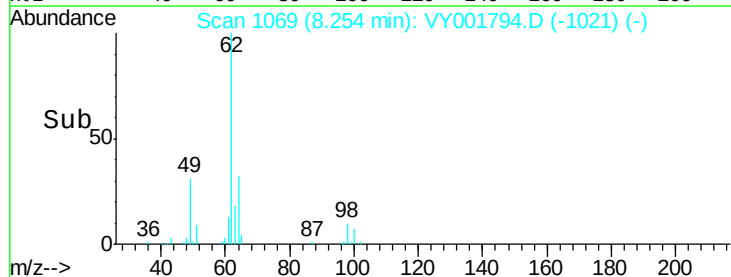
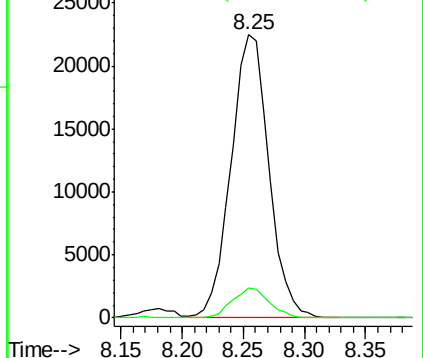


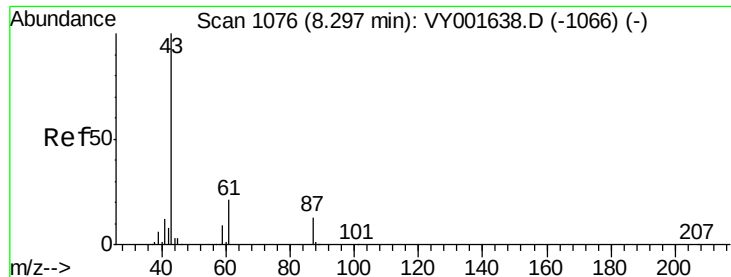
#42
1,2-Dichloroethane
Concen: 20.13 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion:	62	Resp:	48223
Ion	Ratio	Lower	Upper
62	100		
98	10.1	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: 20.08 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

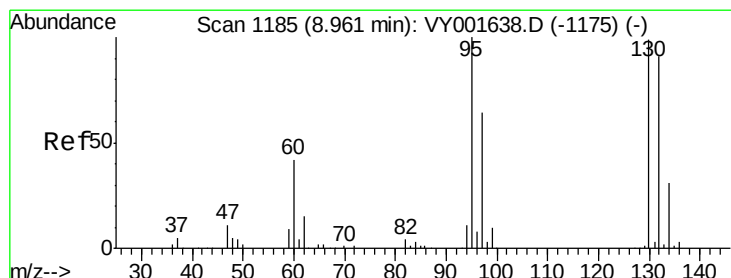
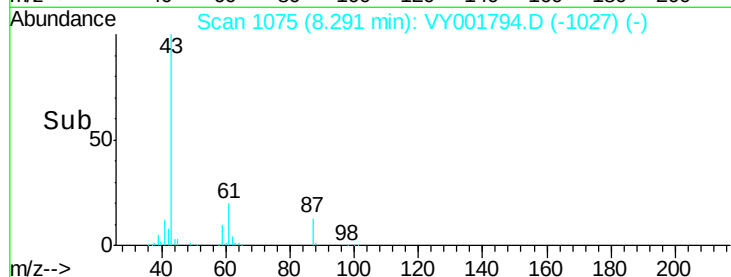
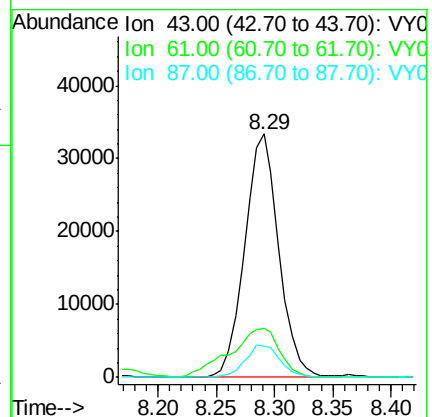
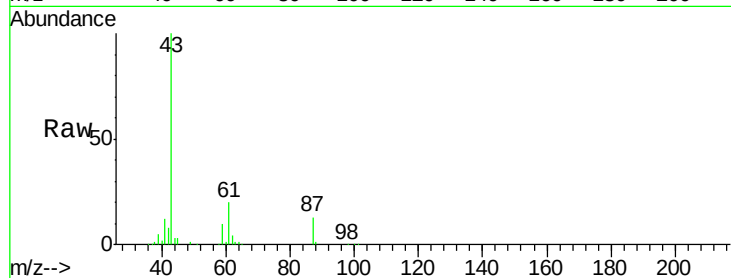
Tgt Ion: 43 Resp: 67981

Ion Ratio Lower Upper

43 100

61 29.4 23.0 34.4

87 13.6 10.7 16.1



#44

Trichloroethene

Concen: 19.96 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001794.D

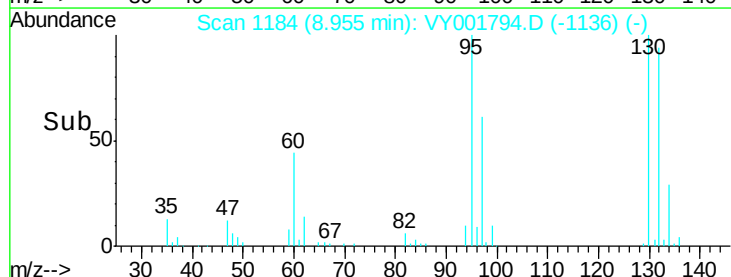
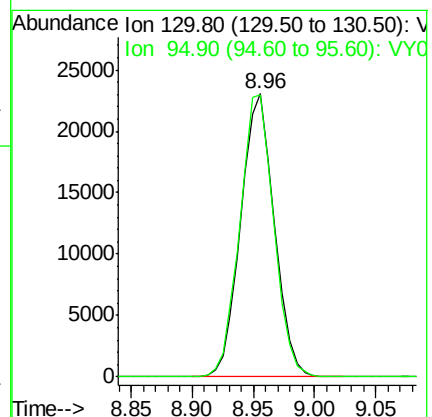
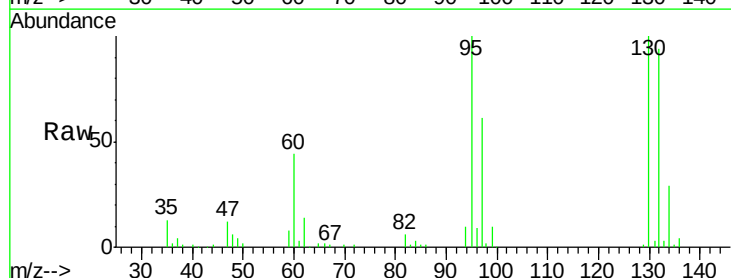
Acq: 28 Feb 2020 11:02

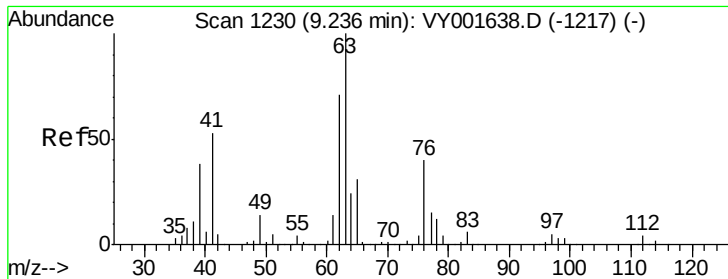
Tgt Ion: 130 Resp: 43814

Ion Ratio Lower Upper

130 100

95 99.7 0.0 200.6

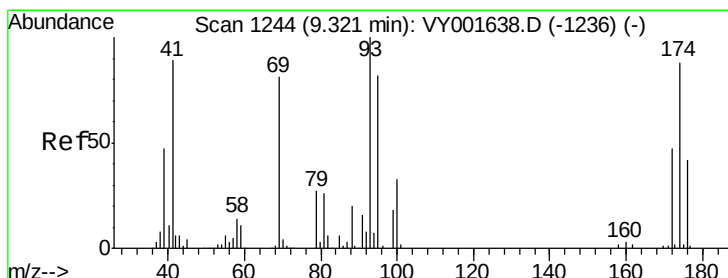
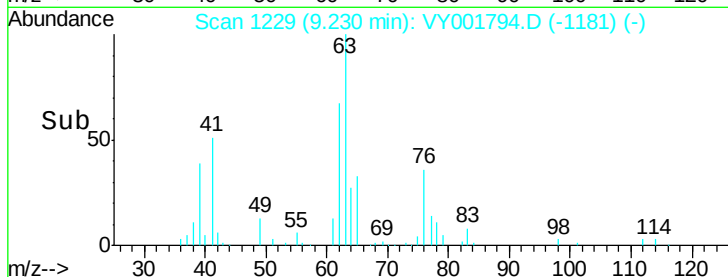
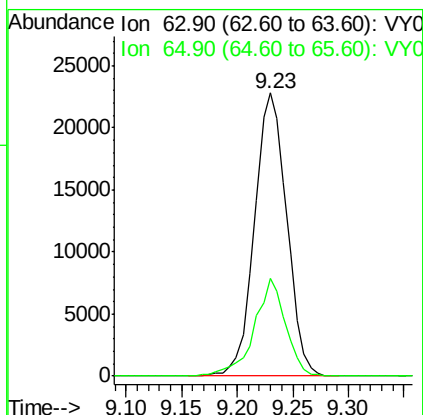
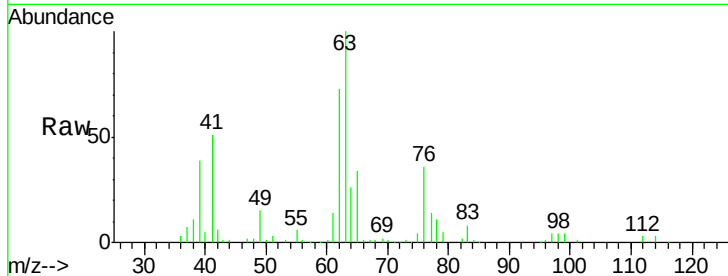




#45
1,2-Dichloropropane
Concen: 20.86 ug/l
RT: 9.23 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

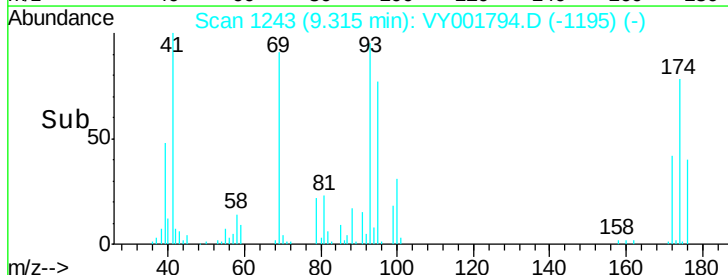
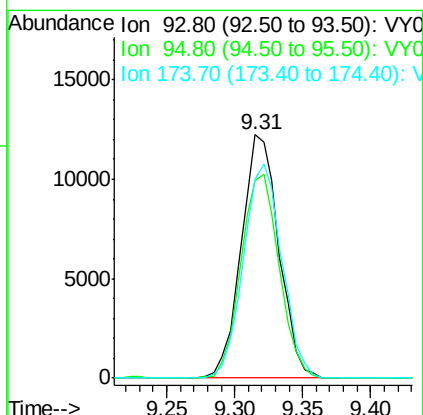
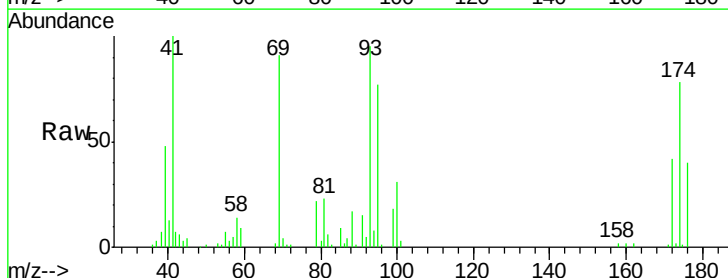
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

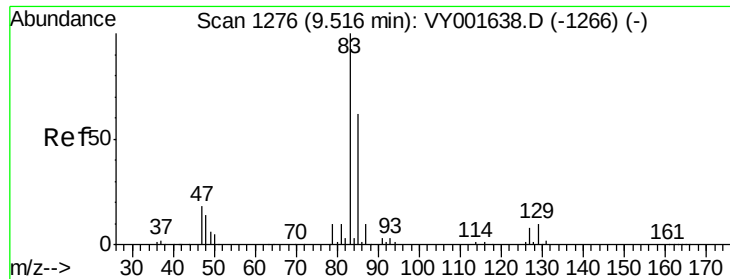
Tgt Ion: 63 Resp: 45947
Ion Ratio Lower Upper
63 100
65 34.4 24.6 37.0



#46
Dibromomethane
Concen: 20.53 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 93 Resp: 23653
Ion Ratio Lower Upper
93 100
95 85.0 66.1 99.1
174 90.0 72.5 108.7





#47

Bromodichloromethane

Concen: 20.30 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

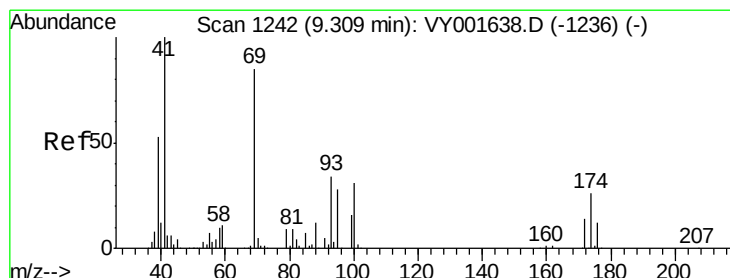
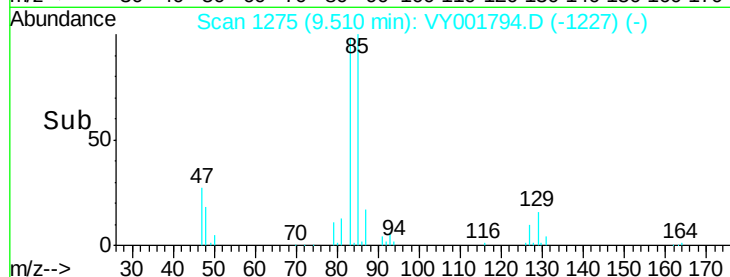
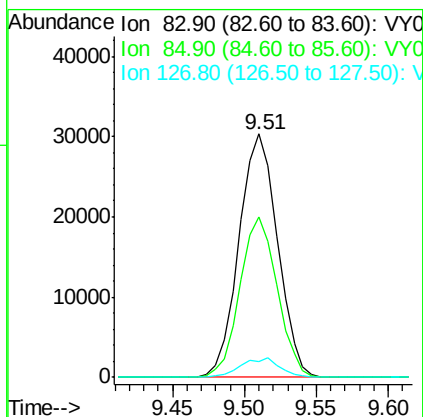
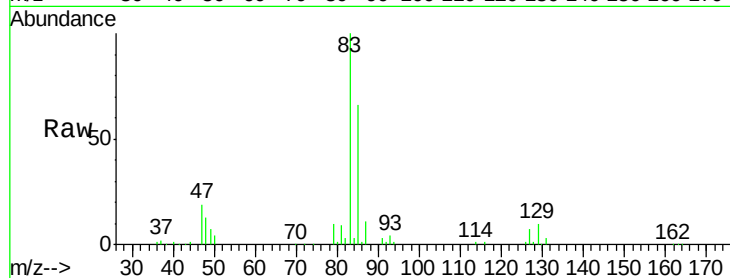
Tgt Ion: 83 Resp: 56438

Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.0

127 6.7 6.4 9.6



#48

Methyl methacrylate

Concen: 19.75 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

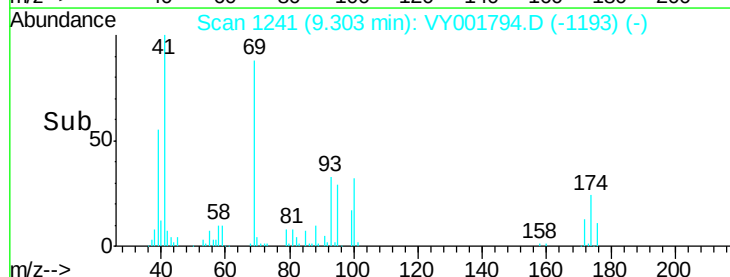
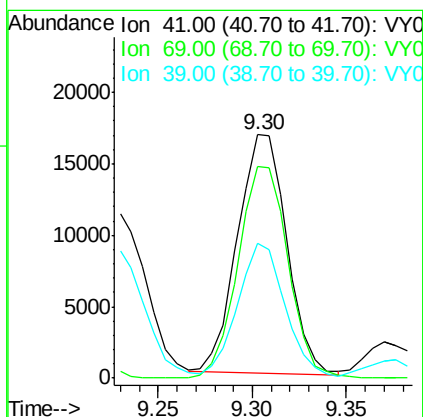
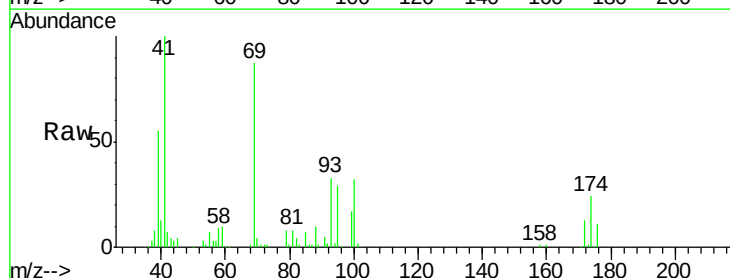
Tgt Ion: 41 Resp: 30244

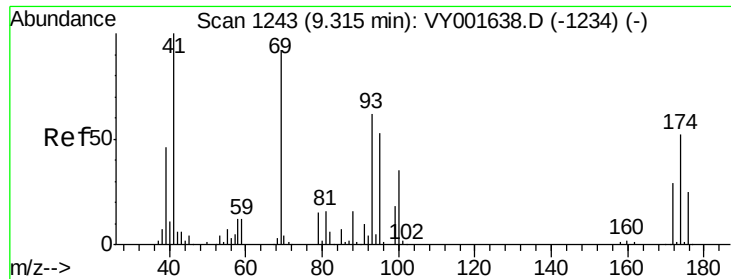
Ion Ratio Lower Upper

41 100

69 90.3 70.7 106.1

39 52.9 42.2 63.2

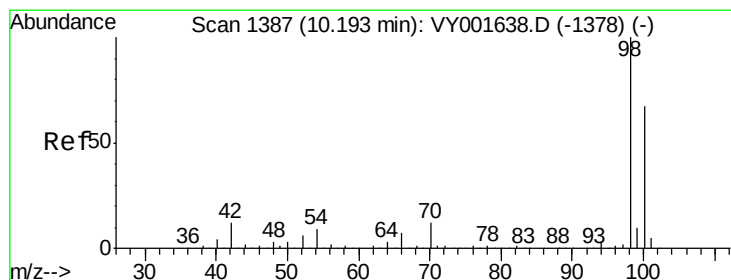
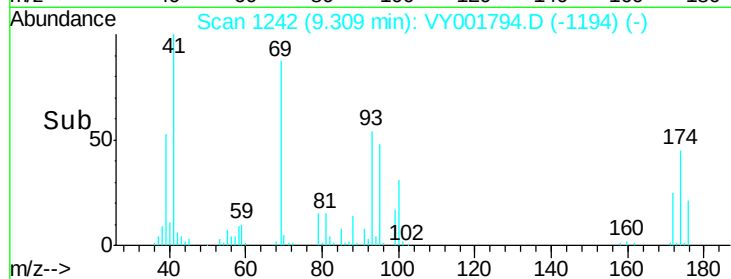
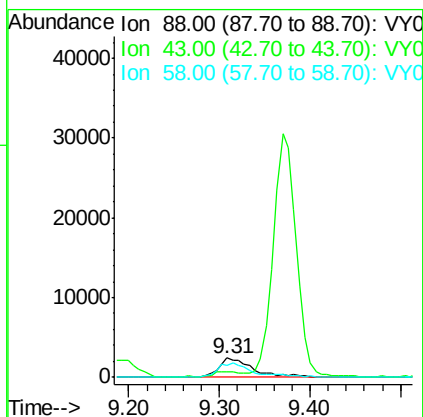
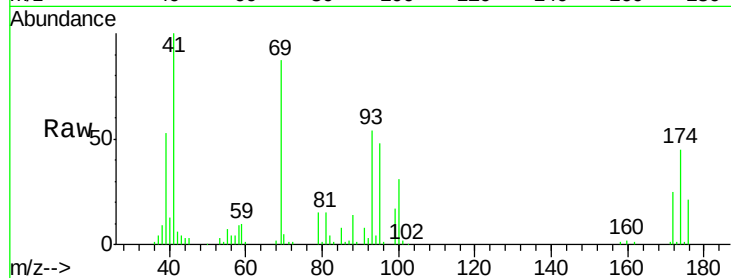




#49
 1,4-Dioxane
 Concen: 398.42 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

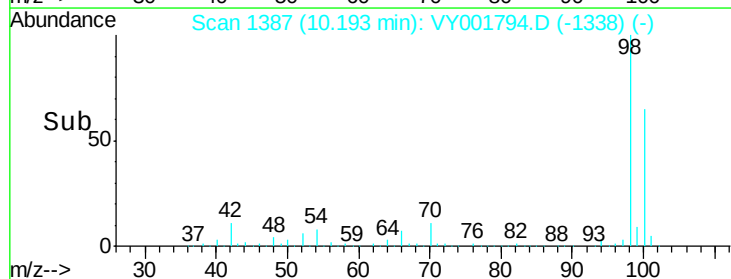
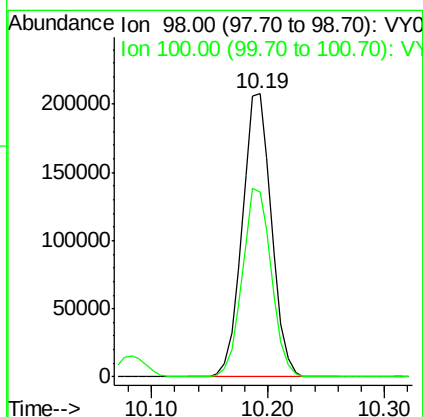
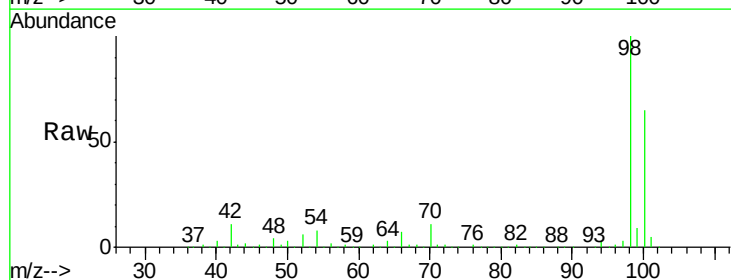
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

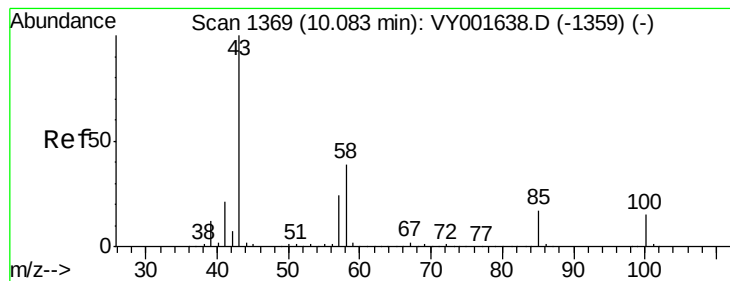
Tgt Ion: 88 Resp: 6482
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.1 34.7#
 58 63.3 58.1 87.1



#50
 Toluene-d8
 Concen: 51.71 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 98 Resp: 363176
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 103.04 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

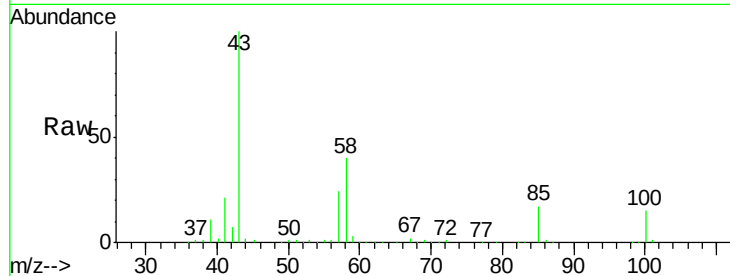
VY0228SBS01

Tgt Ion: 43 Resp: 179256

Ion Ratio Lower Upper

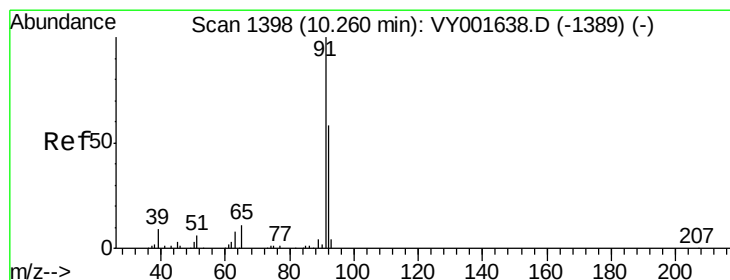
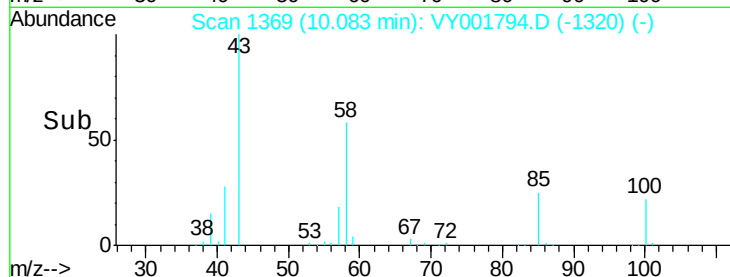
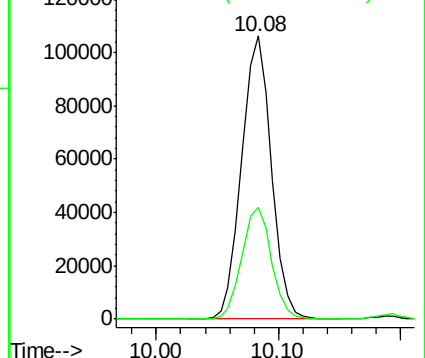
43 100

58 39.5 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.26 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001794.D

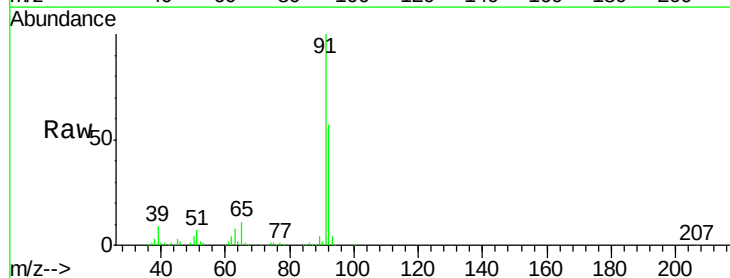
Acq: 28 Feb 2020 11:02

Tgt Ion: 92 Resp: 111111

Ion Ratio Lower Upper

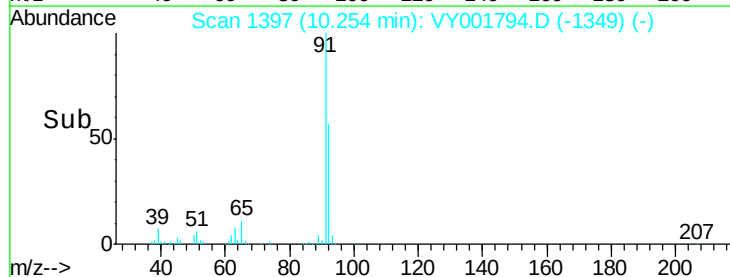
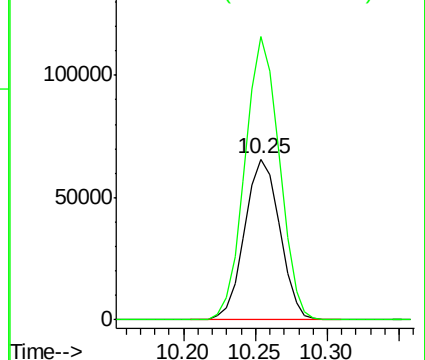
92 100

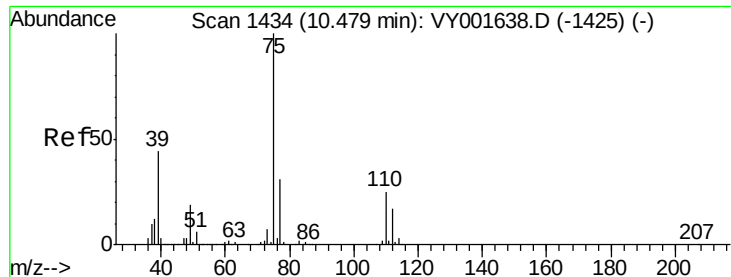
91 173.2 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.76 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

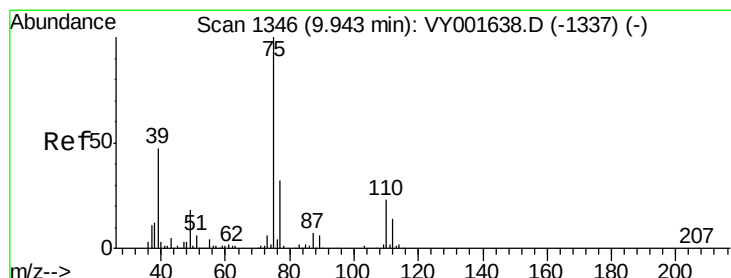
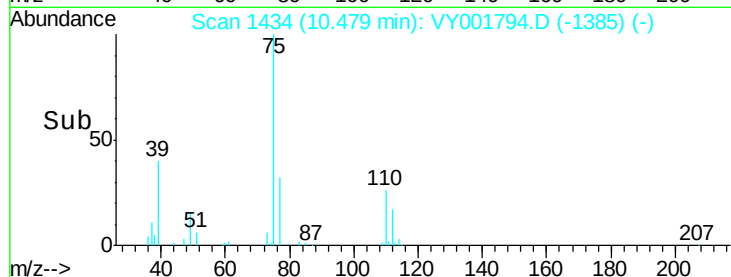
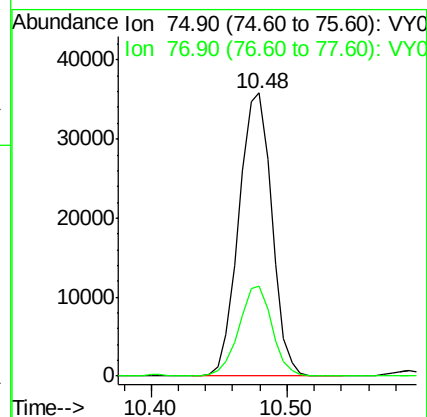
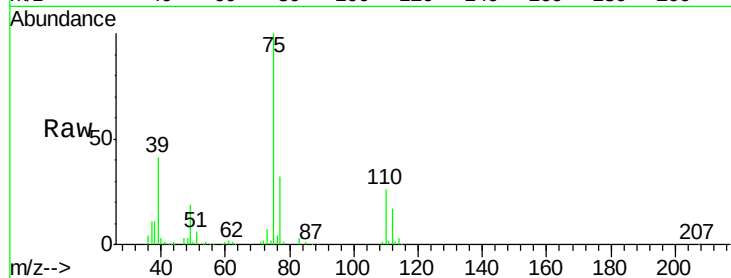
VY0228SBS01

Tgt Ion: 75 Resp: 60731

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.43 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

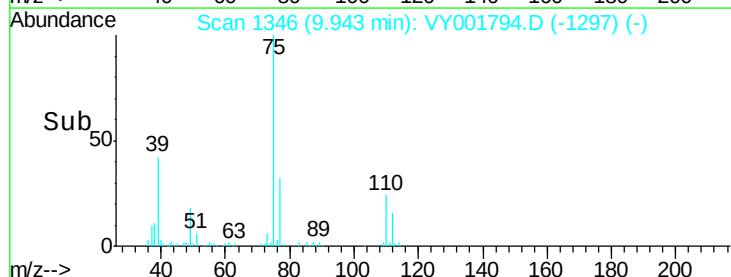
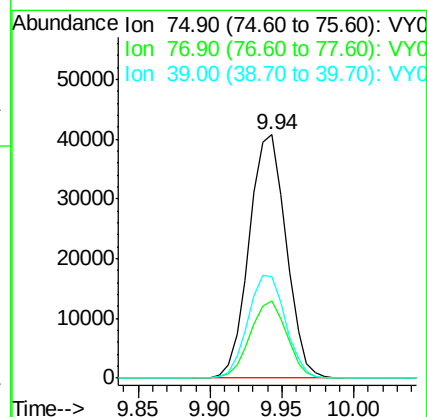
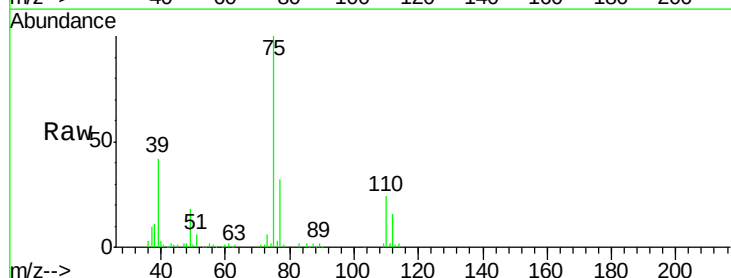
Tgt Ion: 75 Resp: 72253

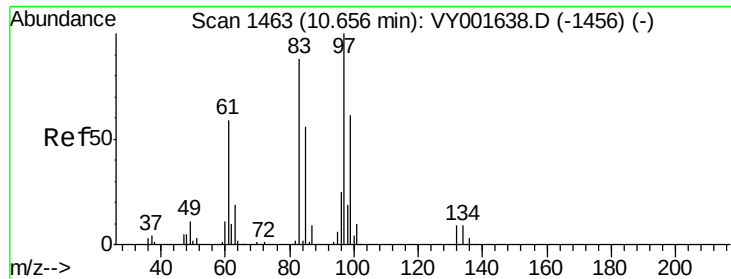
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 41.7 35.7 53.5

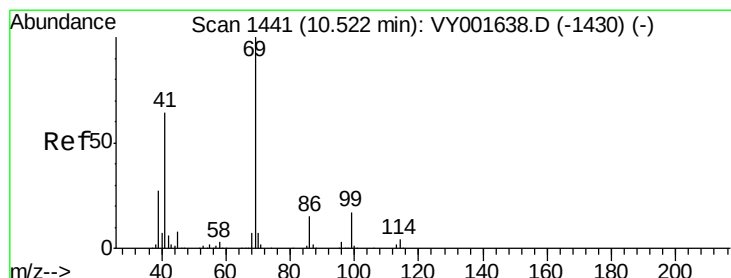
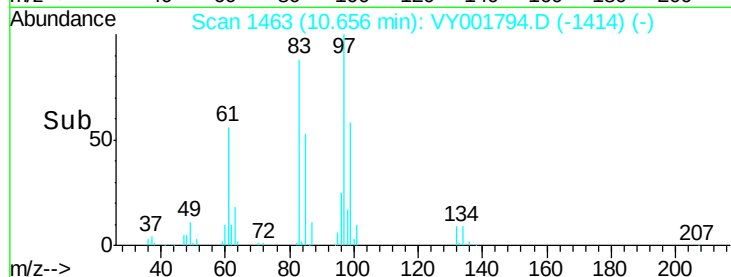
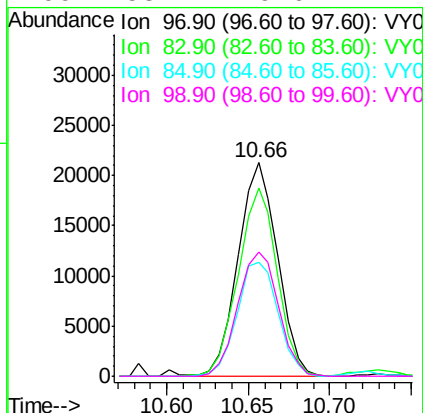
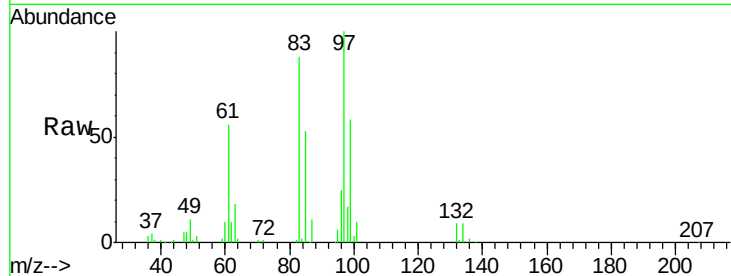




#55
 1,1,2-Trichloroethane
 Concen: 21.10 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

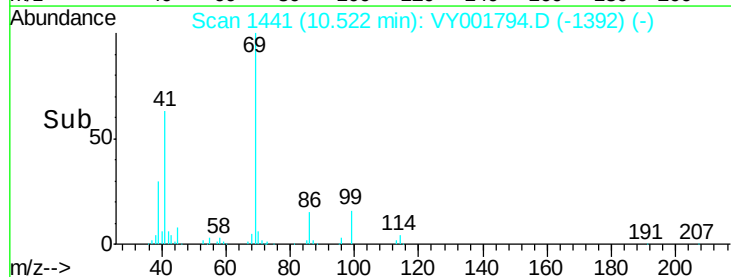
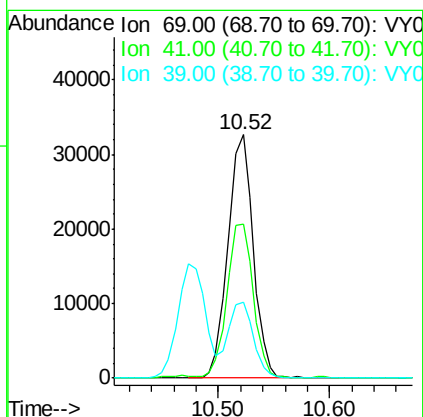
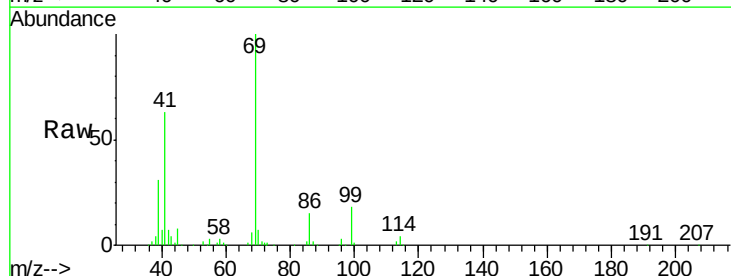
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

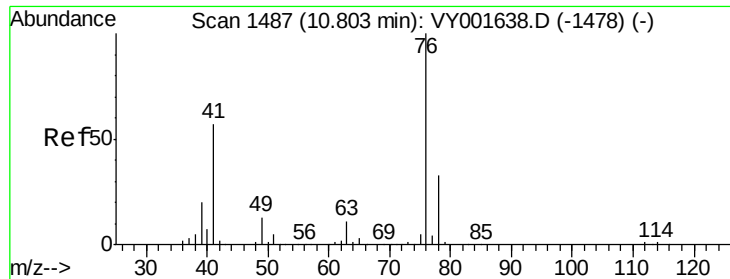
Tgt Ion: 97 Resp: 35844
 Ion Ratio Lower Upper
 97 100
 83 87.7 69.7 104.5
 85 53.3 44.5 66.7
 99 58.1 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 20.25 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 69 Resp: 51598
 Ion Ratio Lower Upper
 69 100
 41 64.8 51.0 76.4
 39 31.1 24.7 37.1

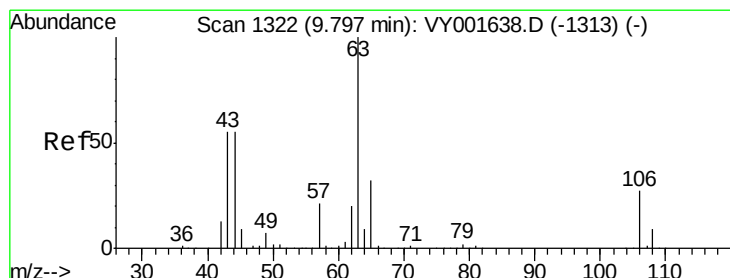
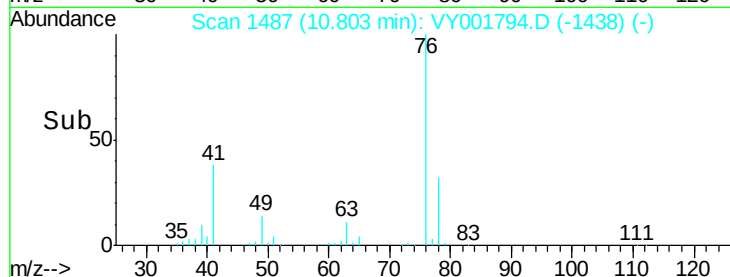
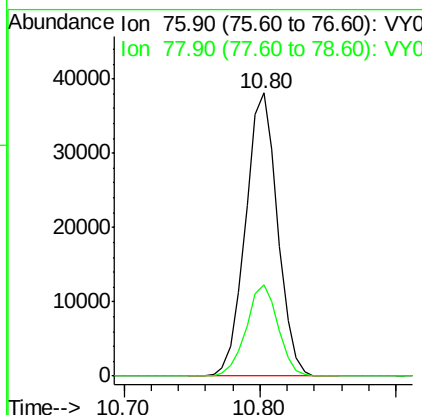
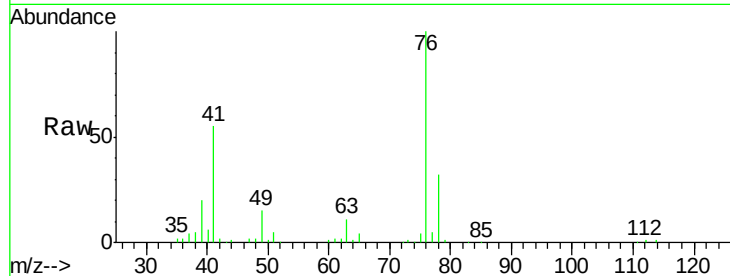




#57
 1,3-Dichloropropane
 Concen: 20.81 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

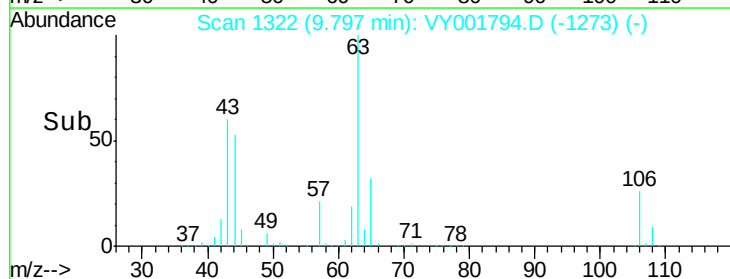
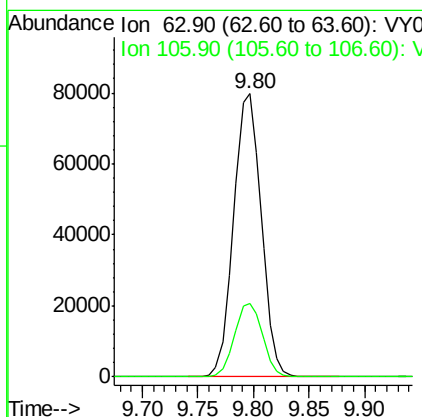
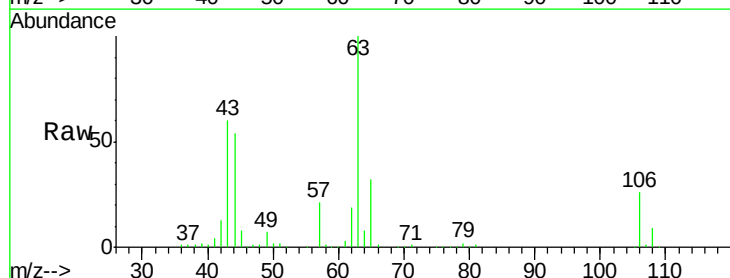
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

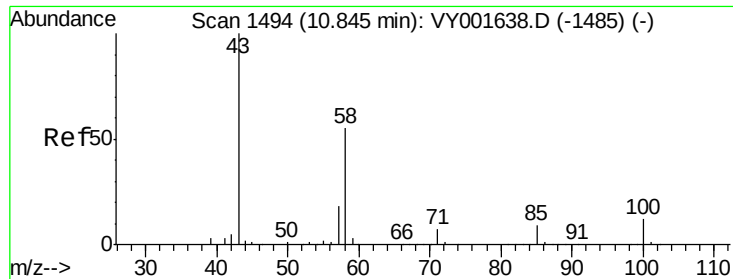
Tgt Ion: 76 Resp: 62805
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 134.38 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 63 Resp: 137249
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.6 32.4

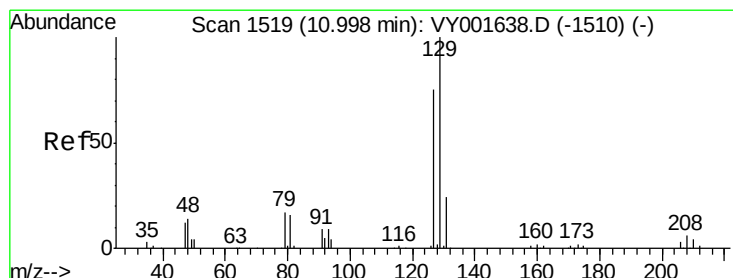
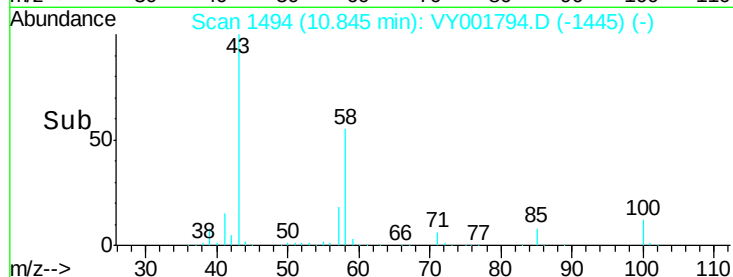
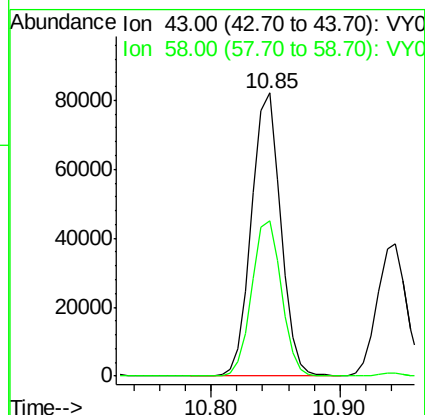
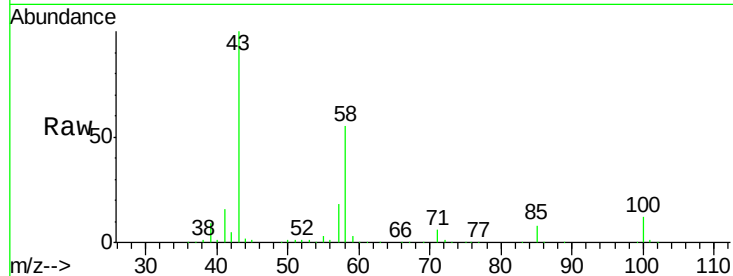




#59
2-Hexanone
Concen: 98.39 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

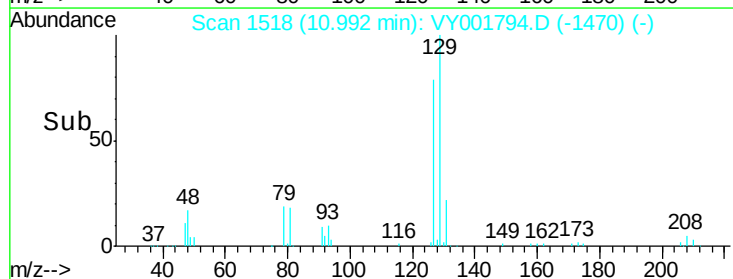
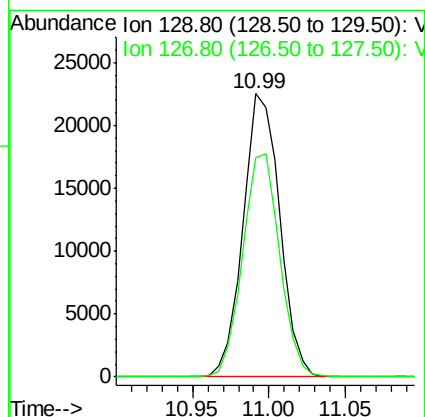
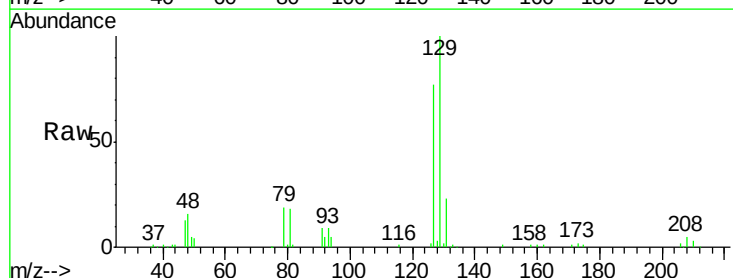
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

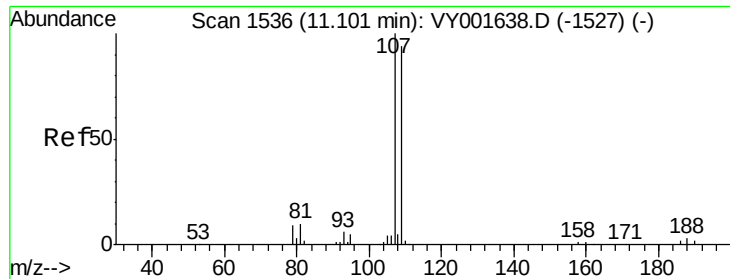
Tgt Ion: 43 Resp: 128435
Ion Ratio Lower Upper
43 100
58 55.6 28.4 85.2



#60
Dibromochloromethane
Concen: 19.99 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 129 Resp: 37438
Ion Ratio Lower Upper
129 100
127 79.7 38.9 116.6

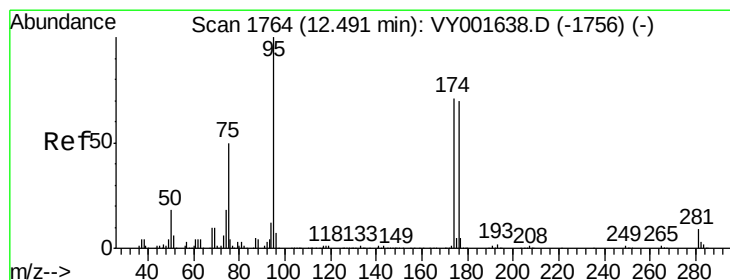
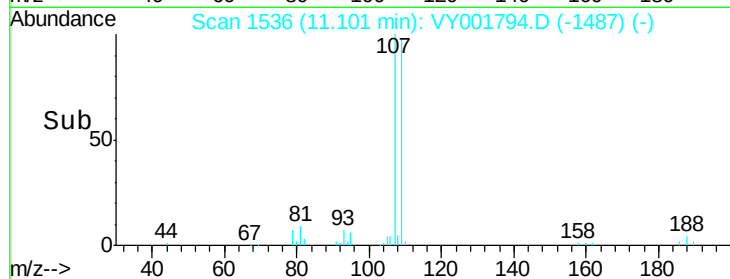
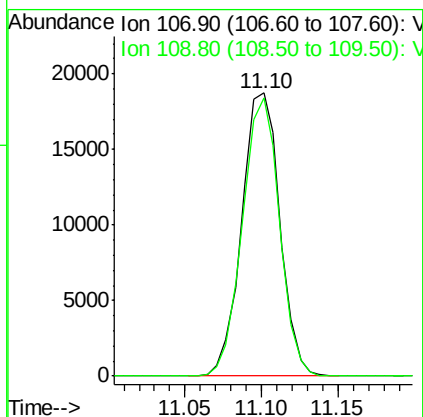
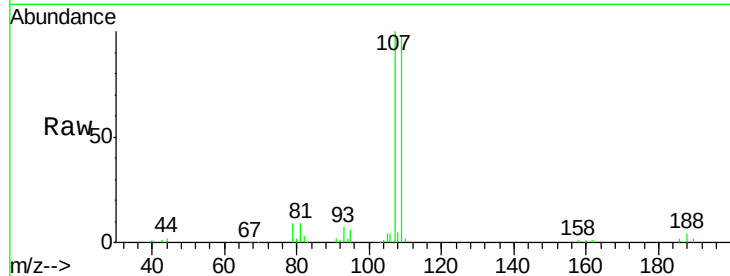




#61
 1,2-Dibromoethane
 Concen: 20.19 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

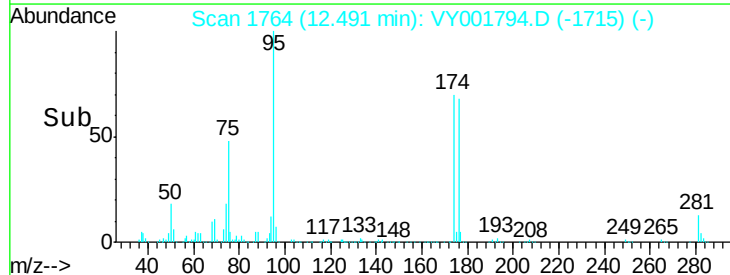
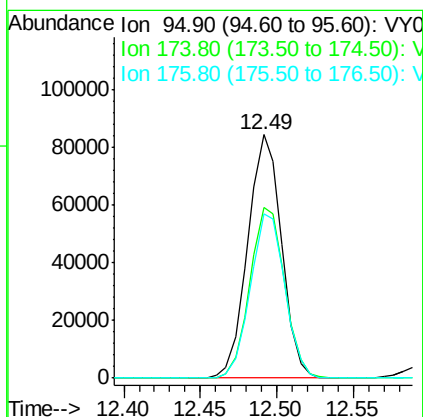
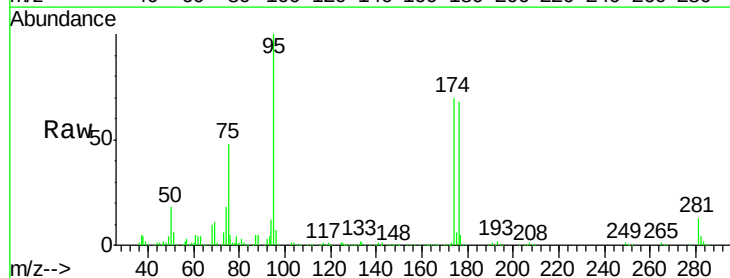
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

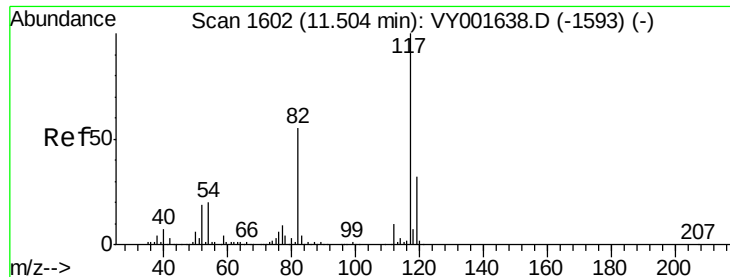
Tgt Ion: 107 Resp: 32422
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 47.43 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 95 Resp: 129422
 Ion Ratio Lower Upper
 95 100
 174 72.1 0.0 138.4
 176 69.0 0.0 131.8

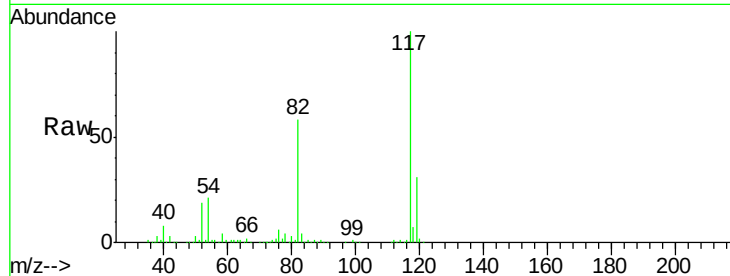




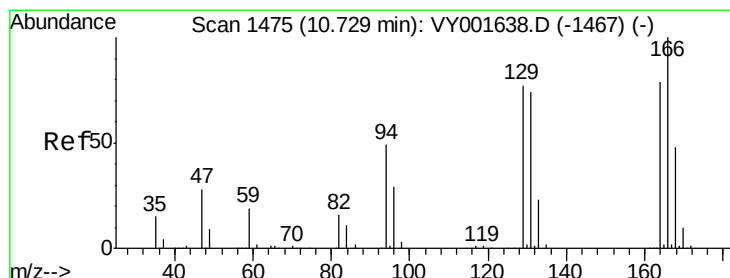
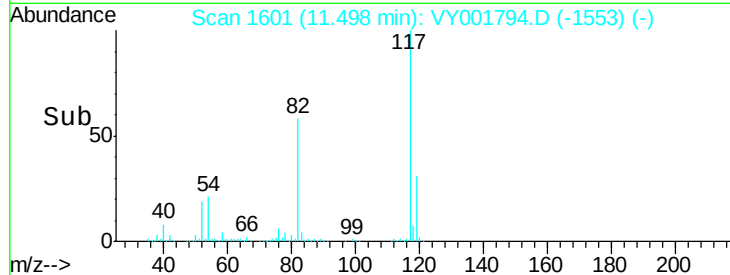
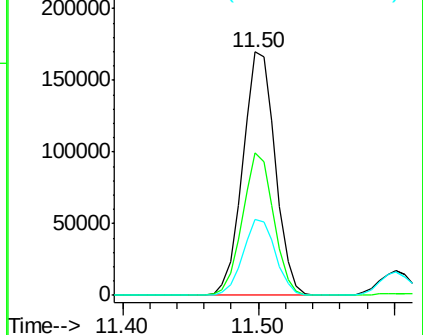
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Tgt Ion:117 Resp: 281534
Ion Ratio Lower Upper
117 100
82 58.4 45.5 68.3
119 31.2 25.8 38.6

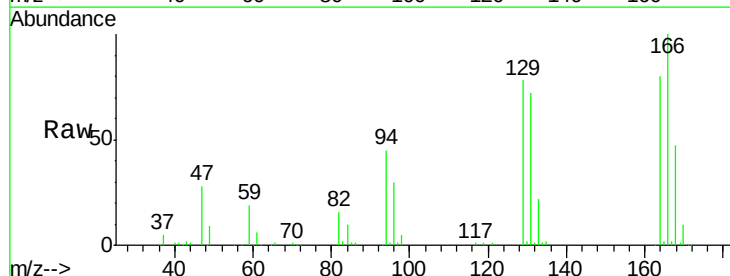


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

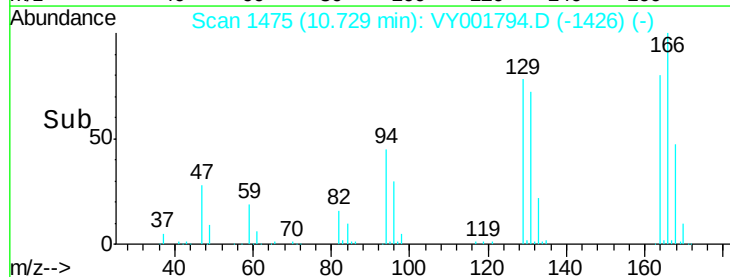
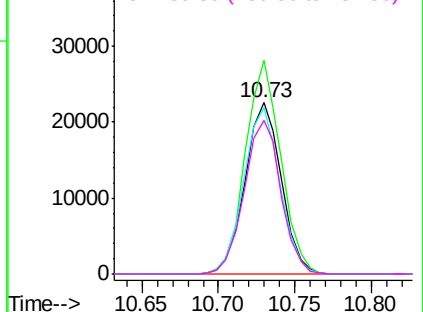


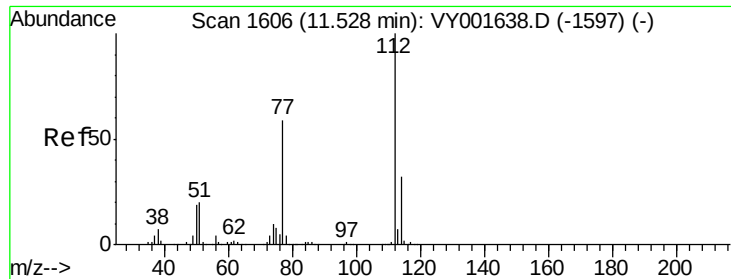
#64
Tetrachloroethene
Concen: 21.03 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion:164 Resp: 37161
Ion Ratio Lower Upper
164 100
166 124.7 101.4 152.0
129 97.4 78.7 118.1
131 89.4 76.0 114.0



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





#65

Chlorobenzene

Concen: 20.45 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

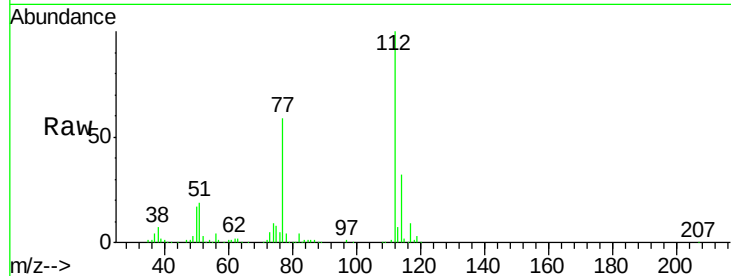
VY0228SBS01

Tgt Ion:112 Resp: 114946

Ion Ratio Lower Upper

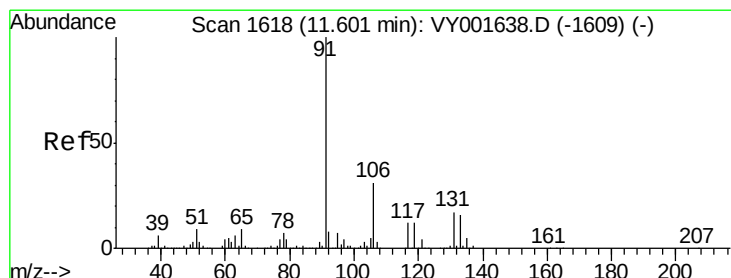
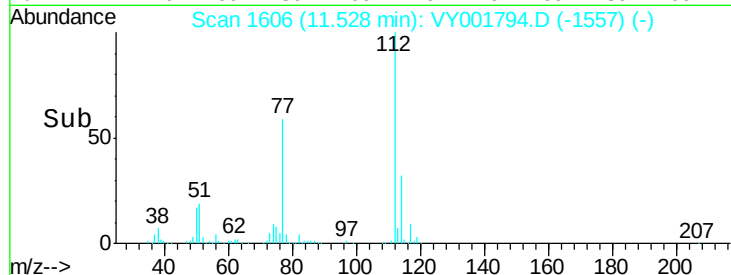
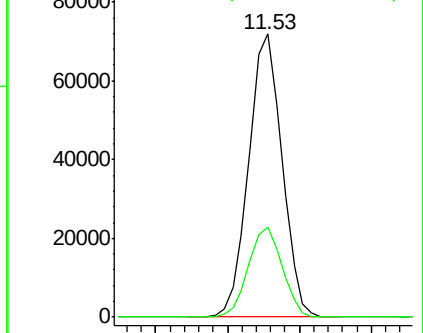
112 100

114 31.6 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.30 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

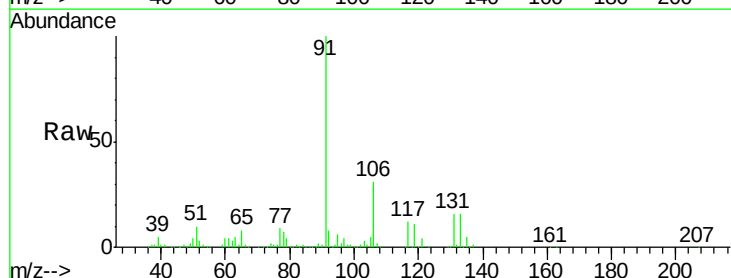
Tgt Ion:131 Resp: 38497

Ion Ratio Lower Upper

131 100

133 94.5 47.4 142.2

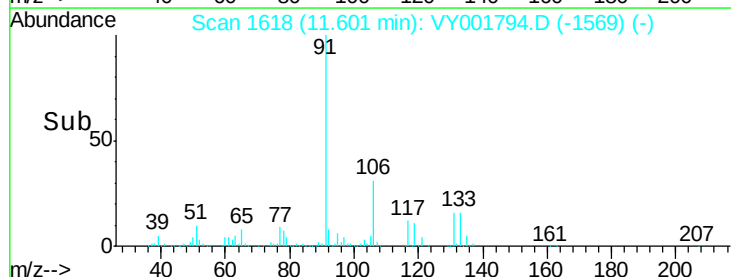
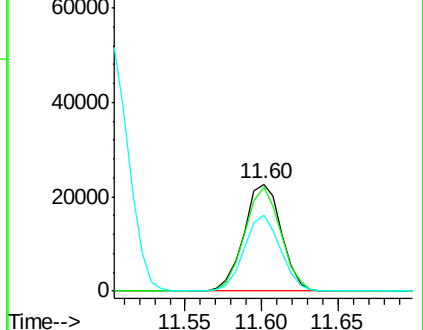
119 68.7 34.4 103.1

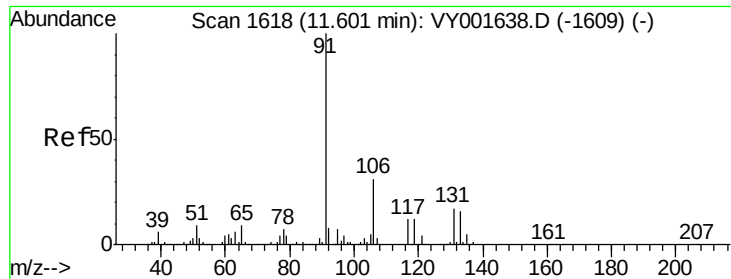


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

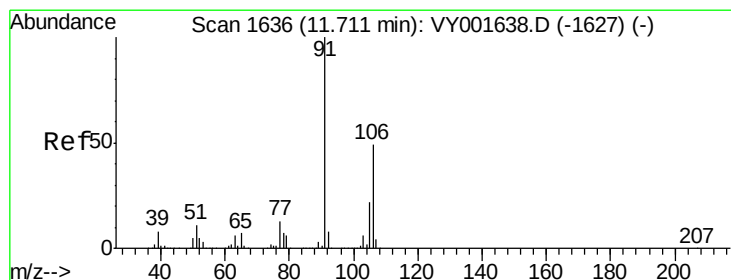
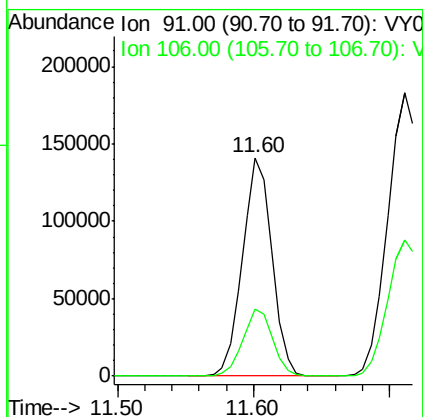
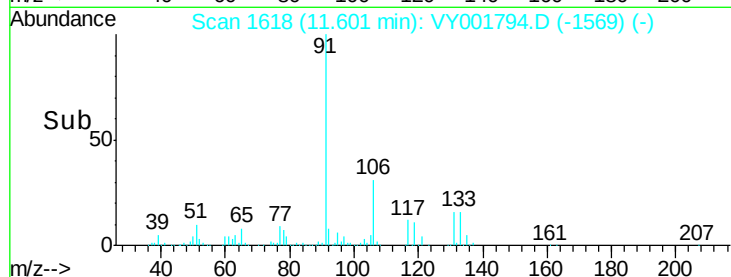
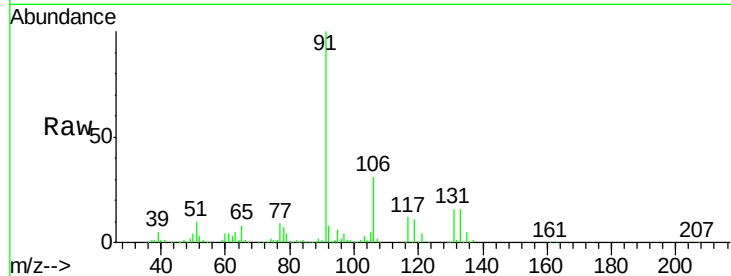




#67
Ethyl Benzene
Concen: 20.51 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

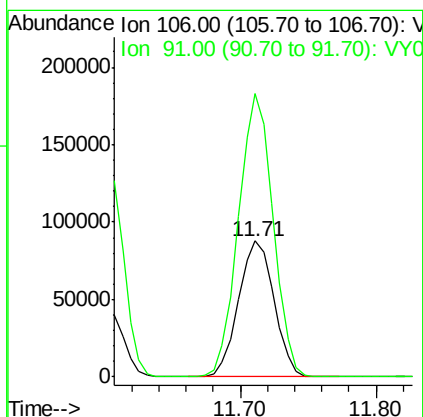
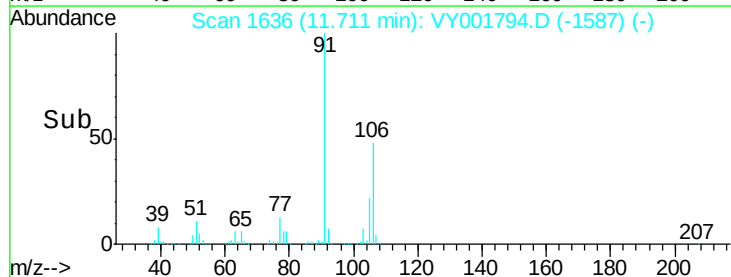
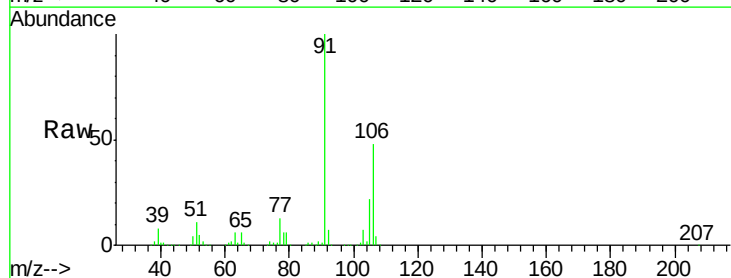
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

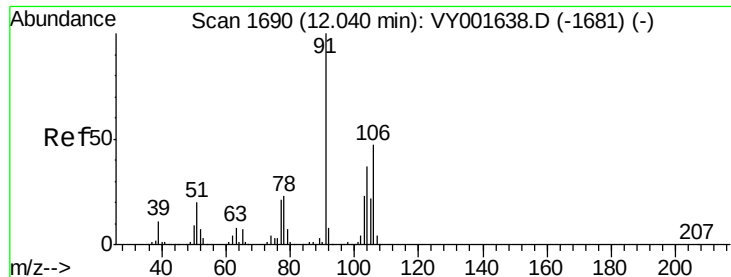
Tgt Ion: 91 Resp: 213918
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 41.12 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 106 Resp: 160210
Ion Ratio Lower Upper
106 100
91 202.4 163.3 244.9

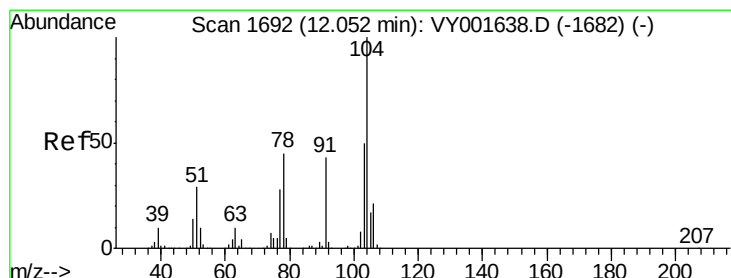
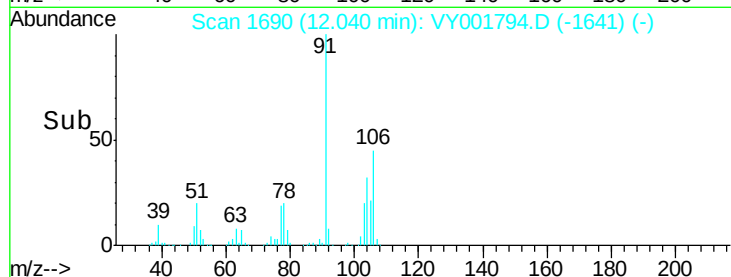
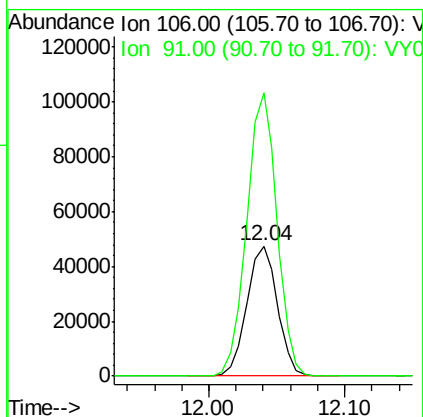
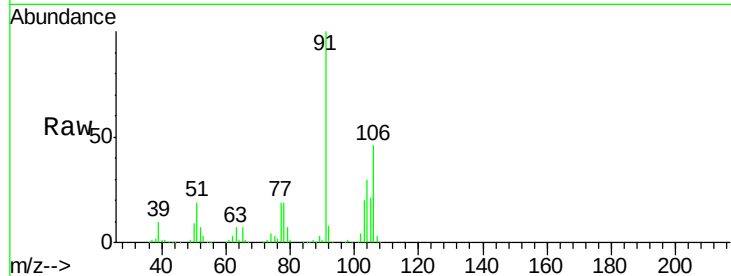




#69
o-Xylene
Concen: 20.20 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

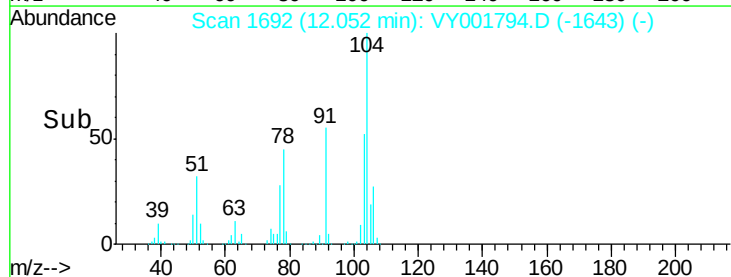
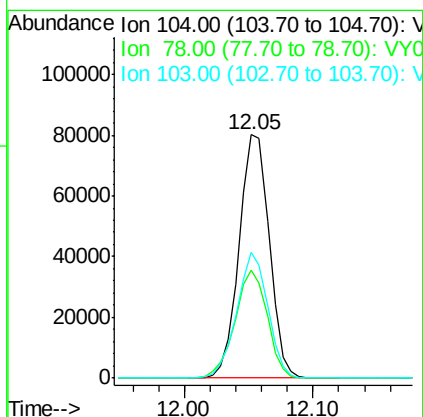
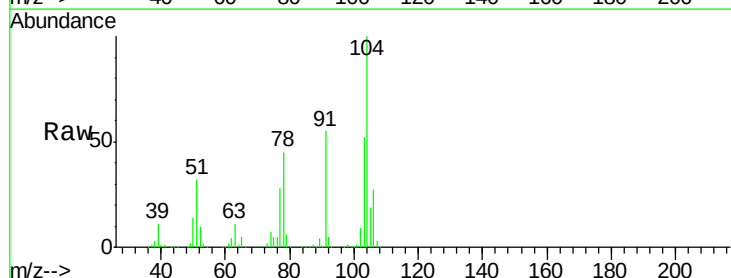
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

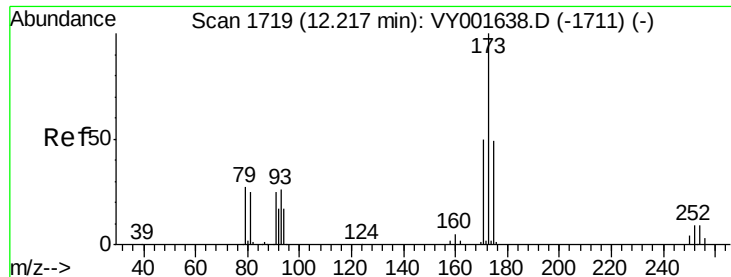
Tgt Ion:106 Resp: 74817
Ion Ratio Lower Upper
106 100
91 214.9 108.3 324.9



#70
Styrene
Concen: 20.18 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion:104 Resp: 129916
Ion Ratio Lower Upper
104 100
78 47.7 39.2 58.8
103 53.3 43.0 64.6





#71

Bromoform

Concen: 19.47 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

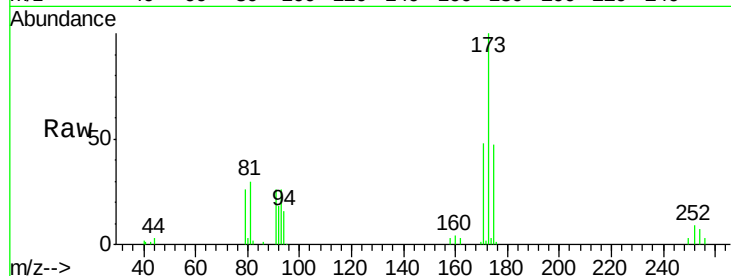
Tgt Ion:173 Resp: 21093

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

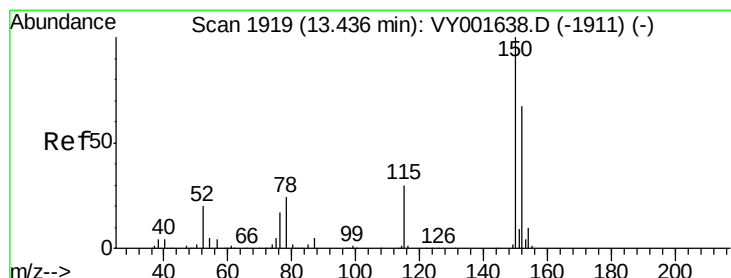
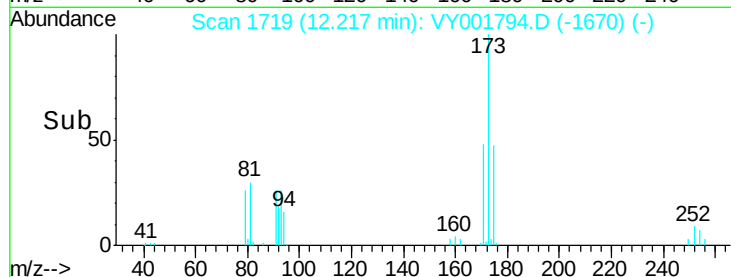
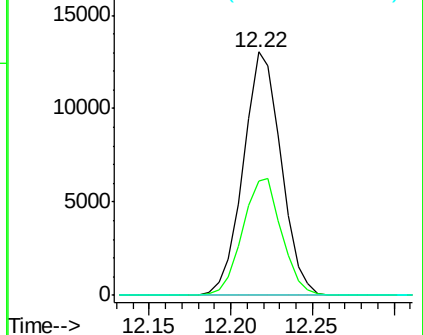
254 0.0 0.1 0.1#



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: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

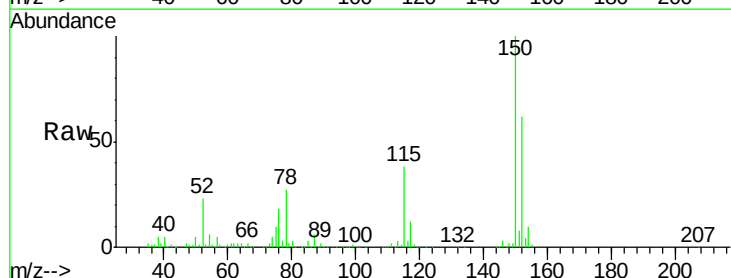
Tgt Ion:152 Resp: 132058

Ion Ratio Lower Upper

152 100

115 60.0 31.4 94.2

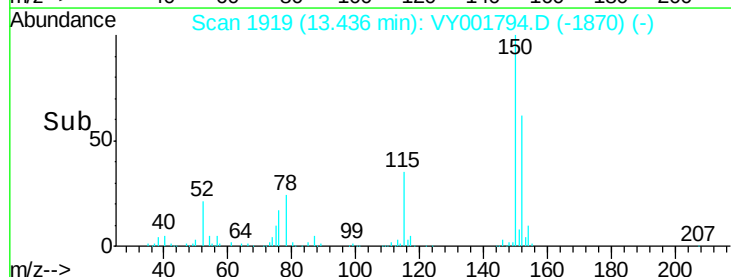
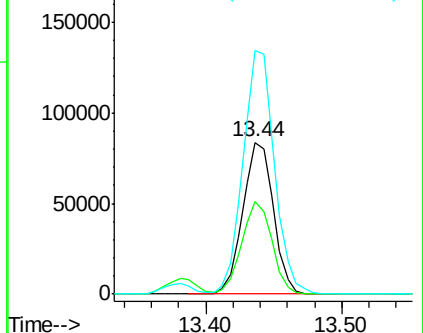
150 164.7 0.0 407.2

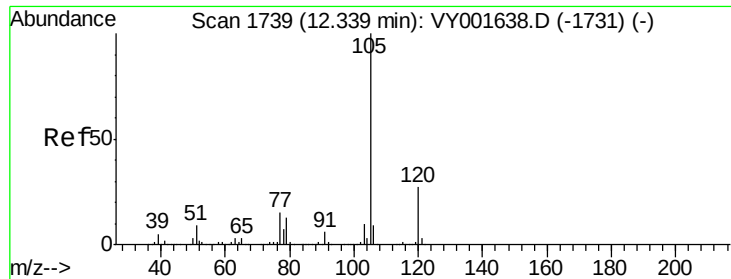


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.28 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

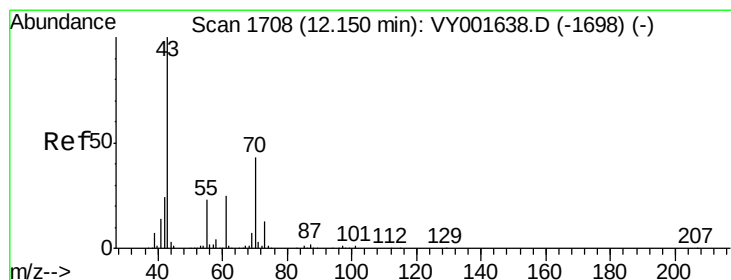
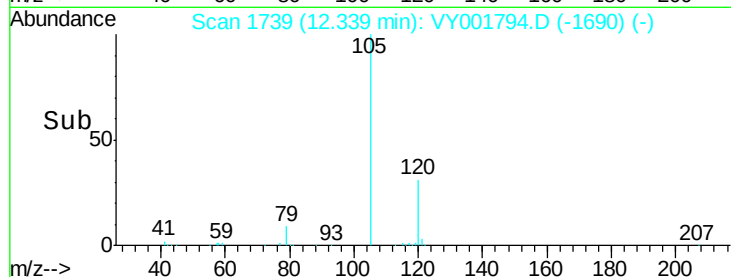
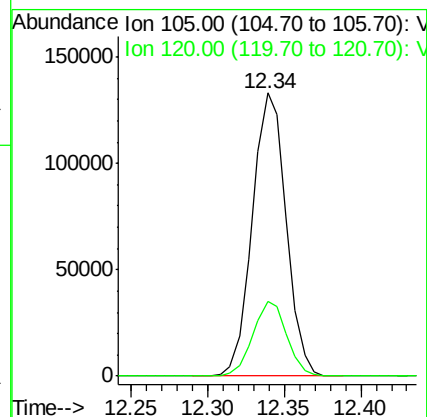
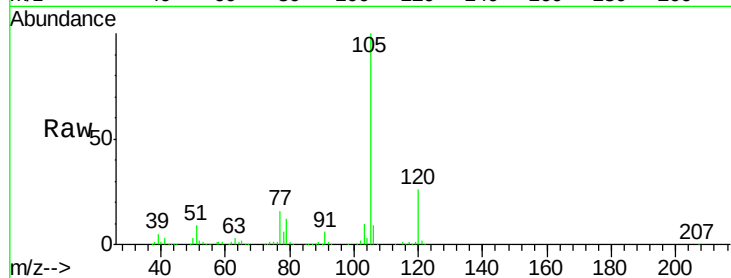
VY0228SBS01

Tgt Ion: 105 Resp: 204054

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 19.58 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Tgt Ion: 43 Resp: 62866

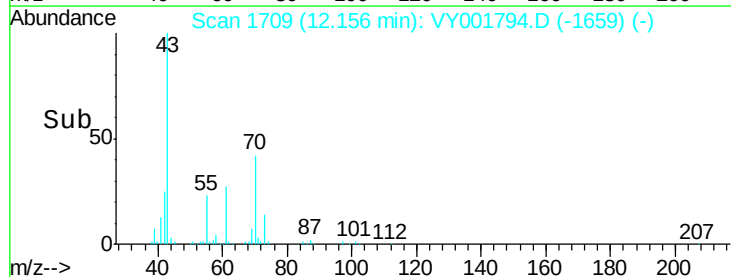
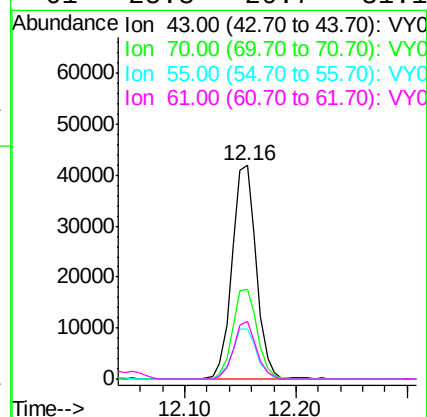
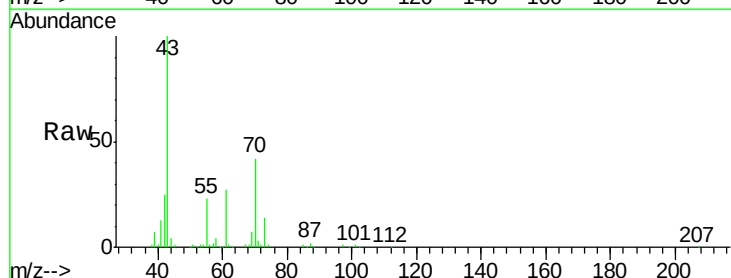
Ion Ratio Lower Upper

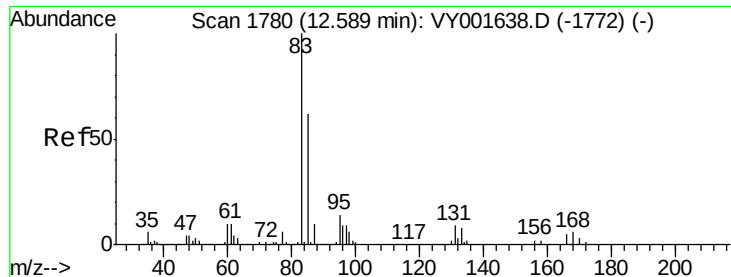
43 100

70 42.8 35.9 53.9

55 23.8 18.3 27.5

61 25.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.69 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

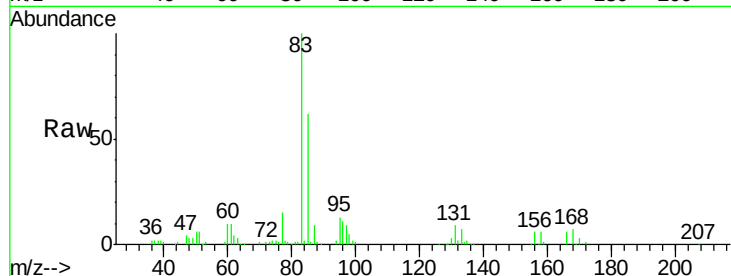
Tgt Ion: 83 Resp: 44451

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.1

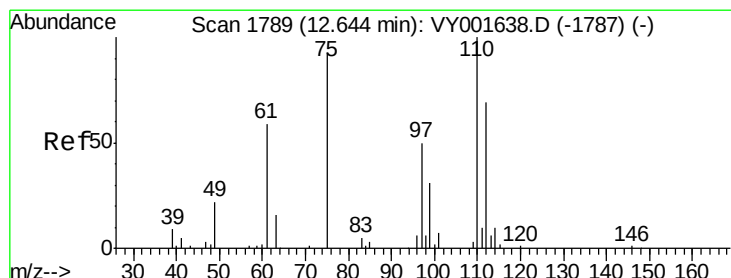
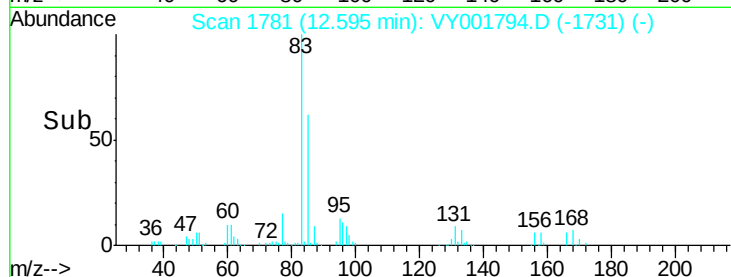
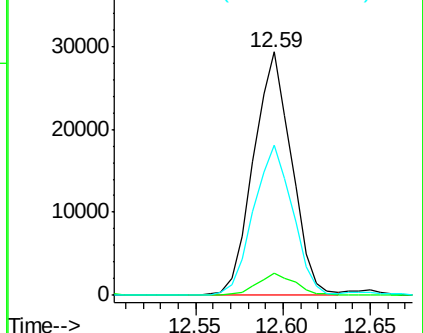
85 63.5 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.12 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY001794.D

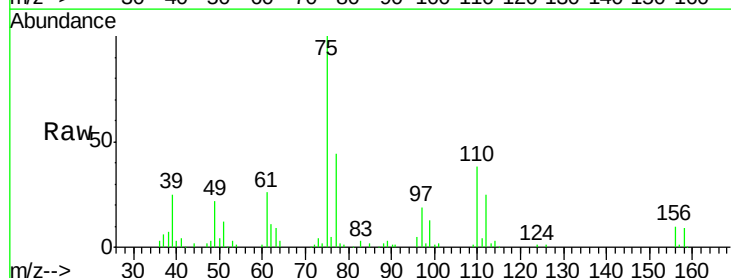
Acq: 28 Feb 2020 11:02

Tgt Ion: 75 Resp: 56232

Ion Ratio Lower Upper

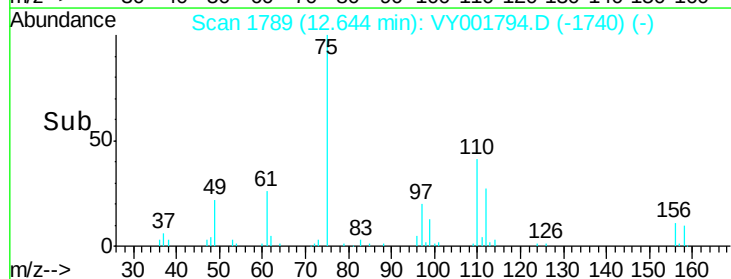
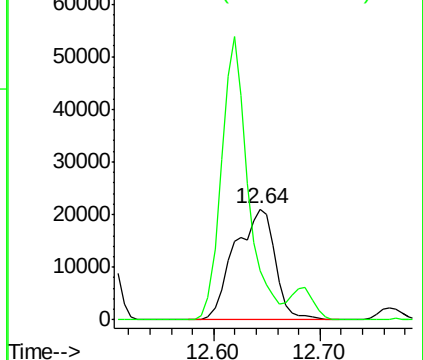
75 100

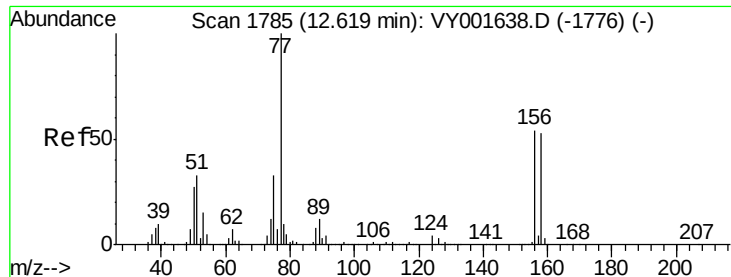
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.12 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

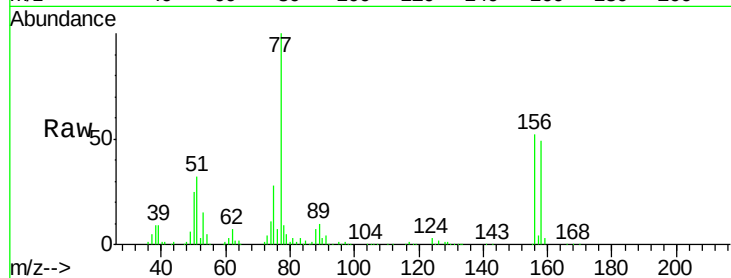
Tgt Ion:156 Resp: 43888

Ion Ratio Lower Upper

156 100

77 213.6 110.1 330.1

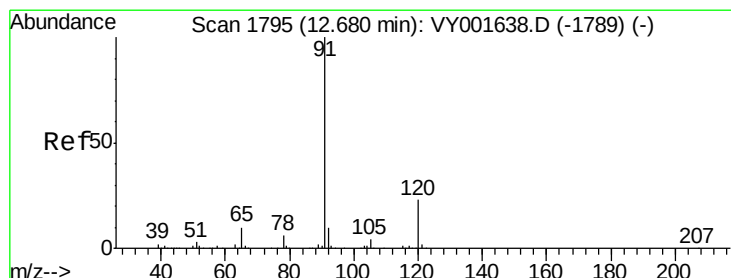
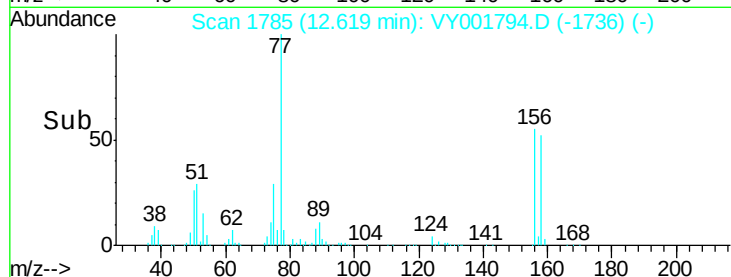
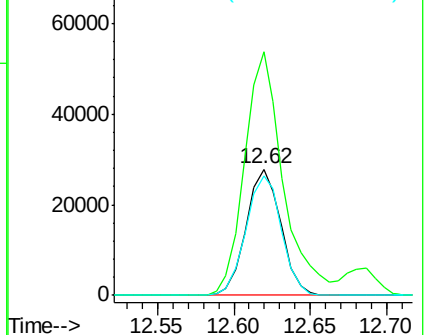
158 97.0 47.9 143.7



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: 20.64 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001794.D

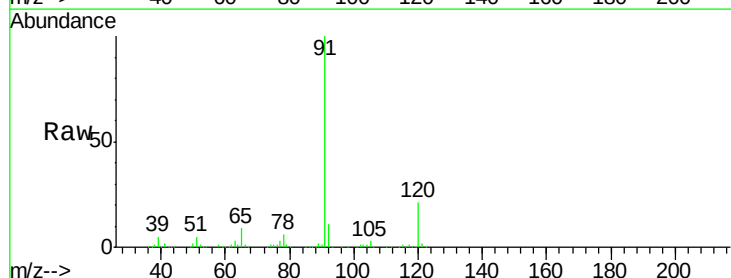
Acq: 28 Feb 2020 11:02

Tgt Ion: 91 Resp: 252841

Ion Ratio Lower Upper

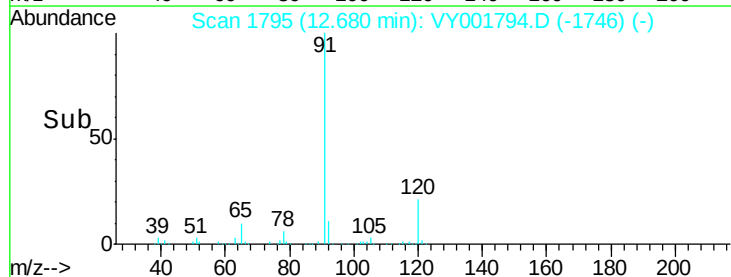
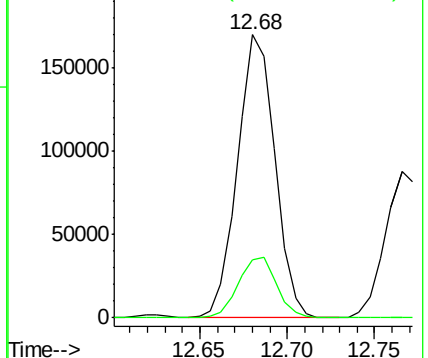
91 100

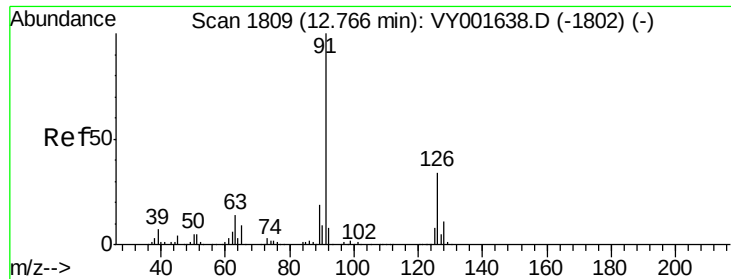
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

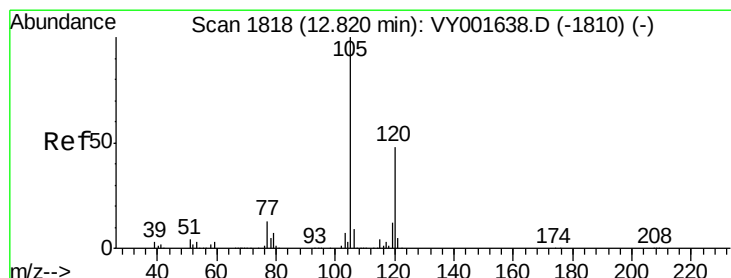
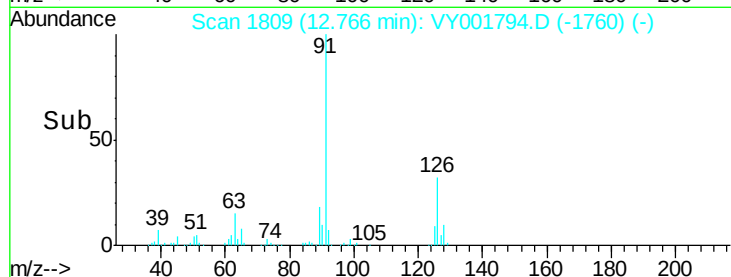
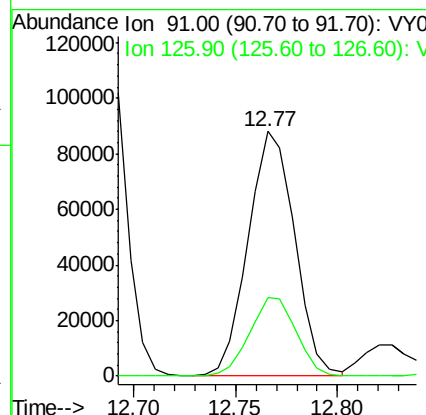
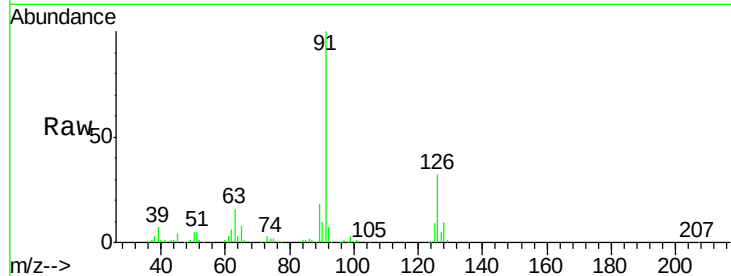




#79
 2-Chlorotoluene
 Concen: 20.37 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

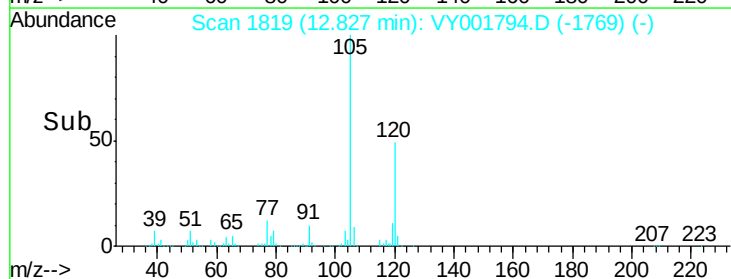
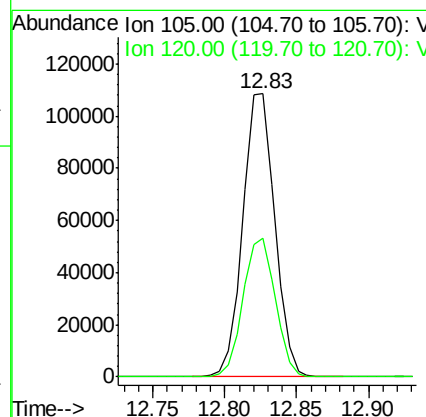
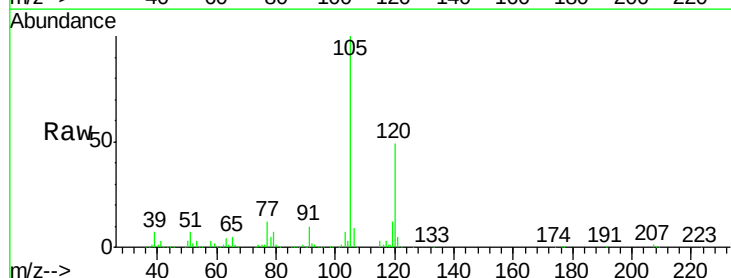
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

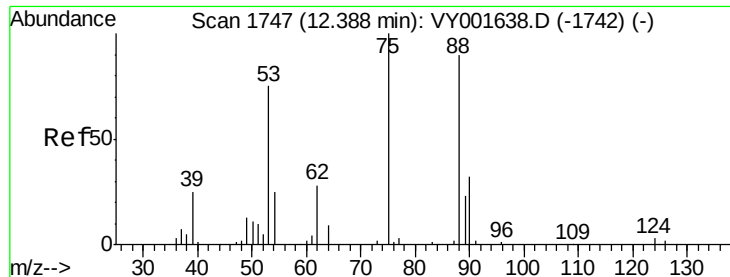
Tgt Ion: 91 Resp: 140005
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.10 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 105 Resp: 167386
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.18 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

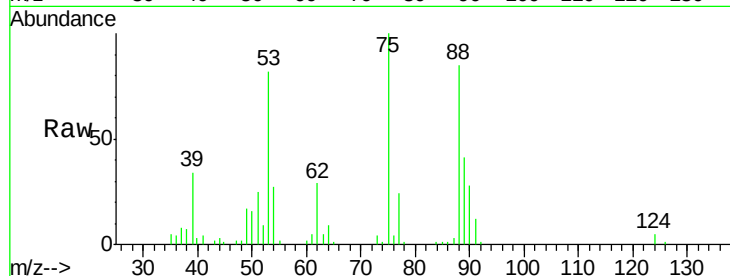
Tgt Ion: 75 Resp: 16111

Ion Ratio Lower Upper

75 100

53 84.5 64.5 96.7

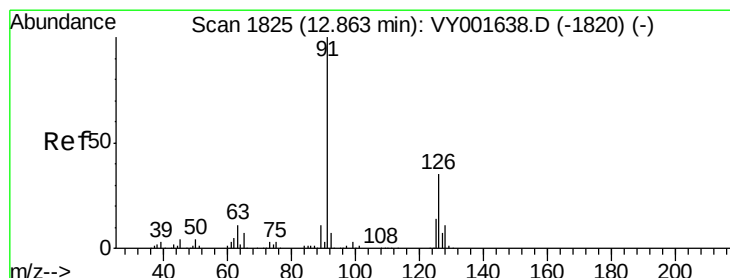
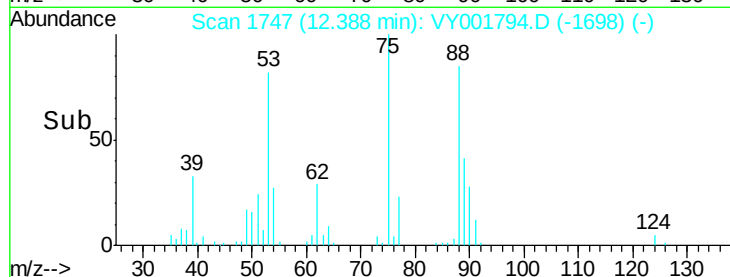
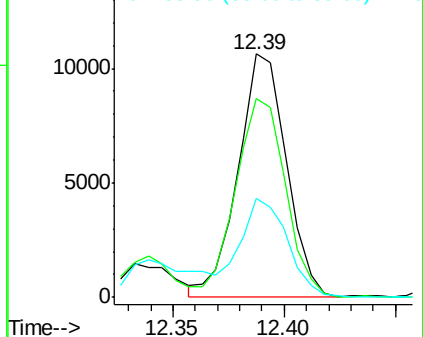
89 39.6 36.3 54.5



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: 20.05 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001794.D

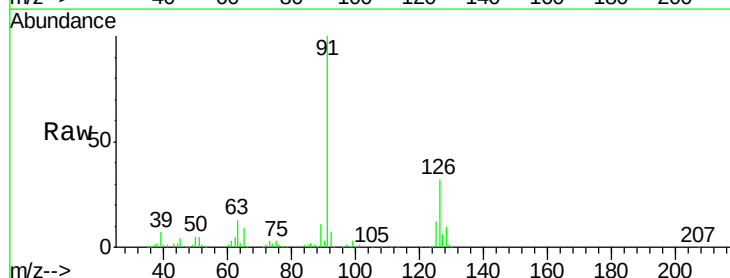
Acq: 28 Feb 2020 11:02

Tgt Ion: 91 Resp: 145354

Ion Ratio Lower Upper

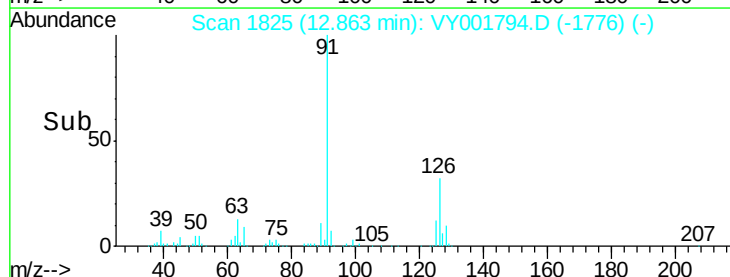
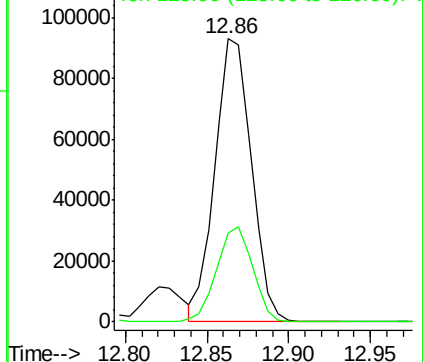
91 100

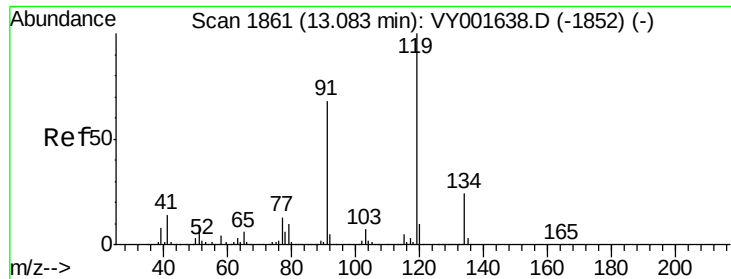
126 33.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

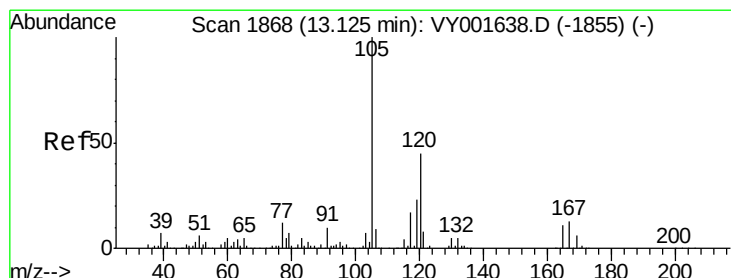
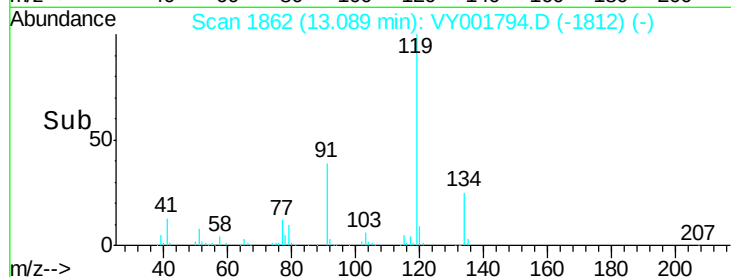
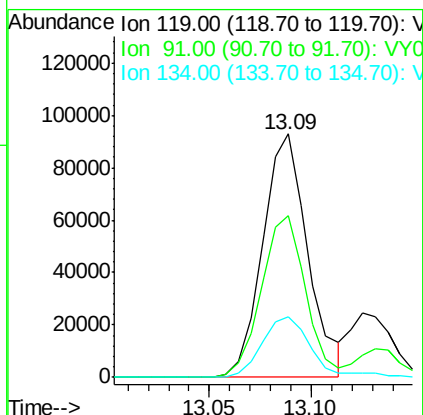
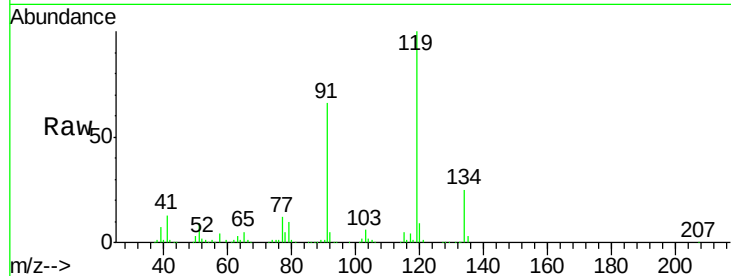




#83
 tert-Butylbenzene
 Concen: 20.60 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

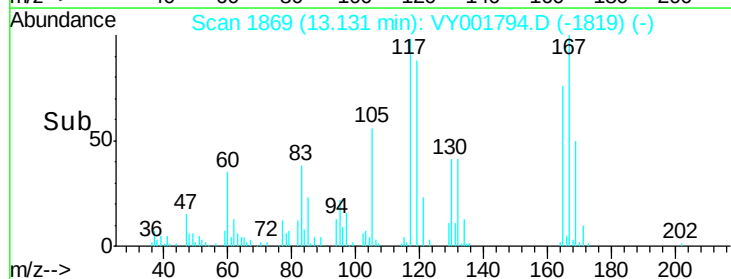
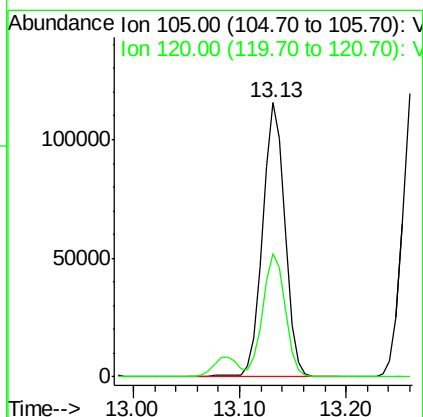
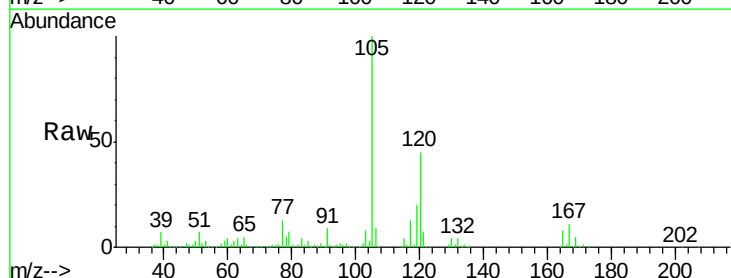
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

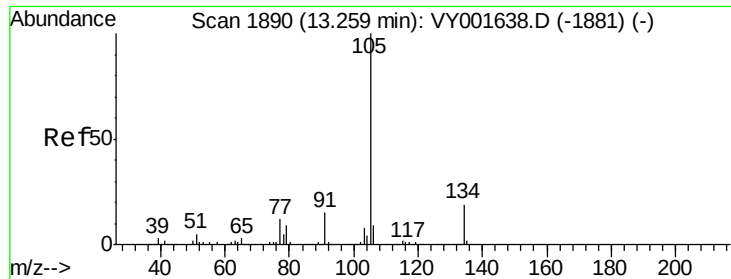
Tgt Ion:119 Resp: 143449
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.5 100.5
 134 27.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.48 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion:105 Resp: 170058
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.50 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

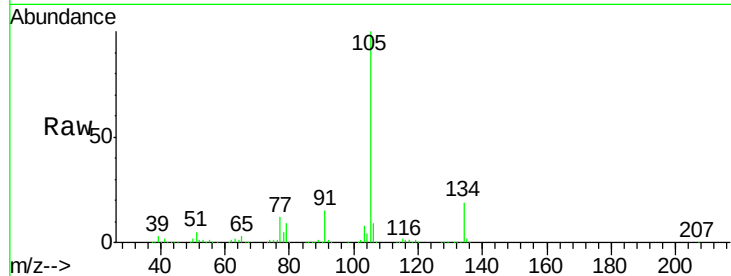
VY0228SBS01

Tgt Ion:105 Resp: 209990

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3

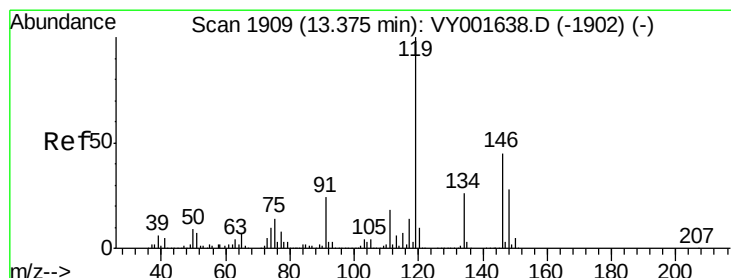
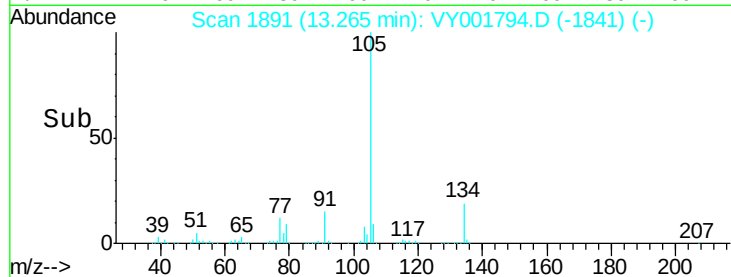


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 20.48 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

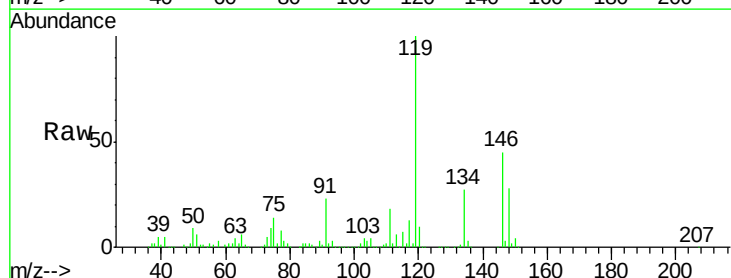
Tgt Ion:119 Resp: 182282

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

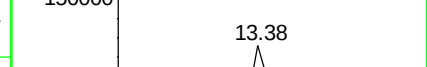
91 23.7 12.2 36.6



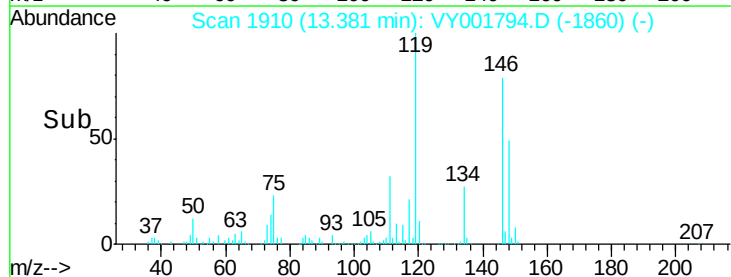
Abundance Ion 119.00 (118.70 to 119.70): V

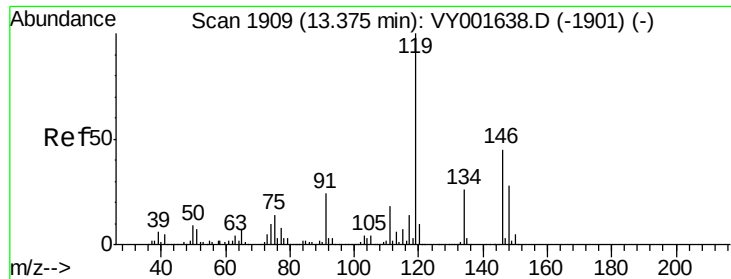
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time--> 13.30 13.35 13.40 13.45

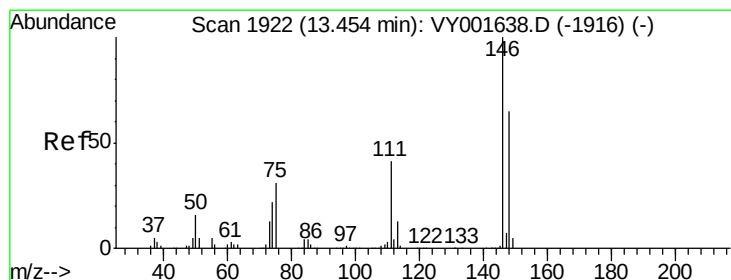
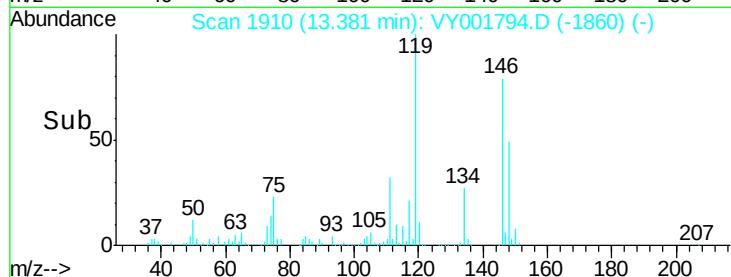
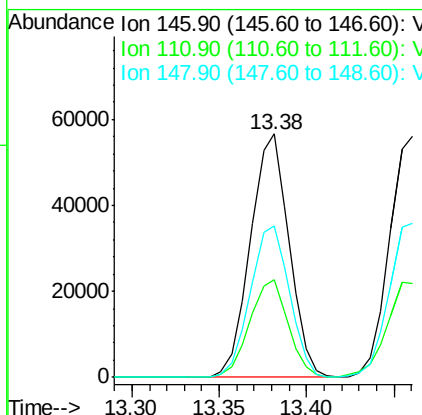
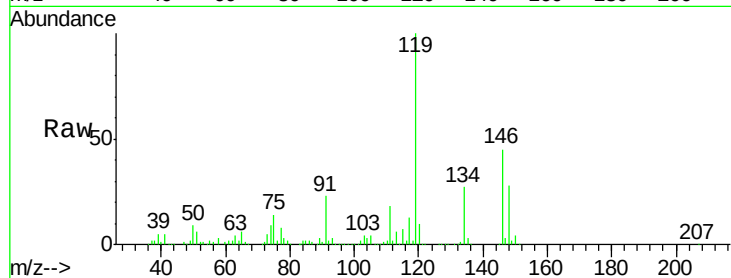




#87
 1,3-Dichlorobenzene
 Concen: 20.55 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

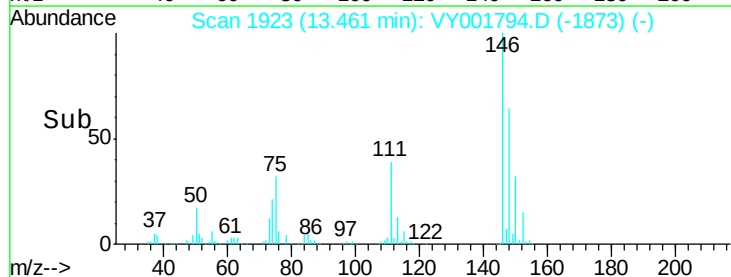
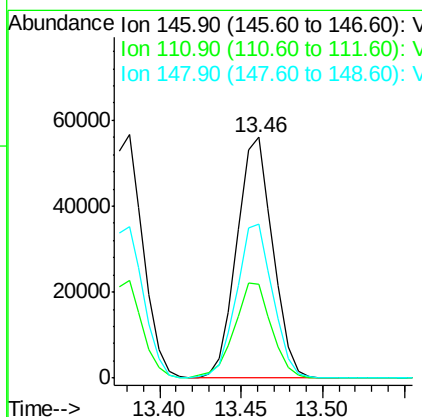
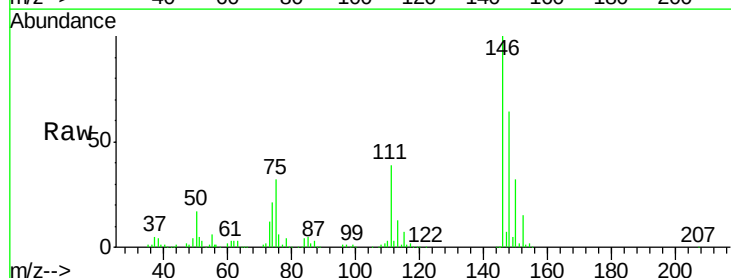
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

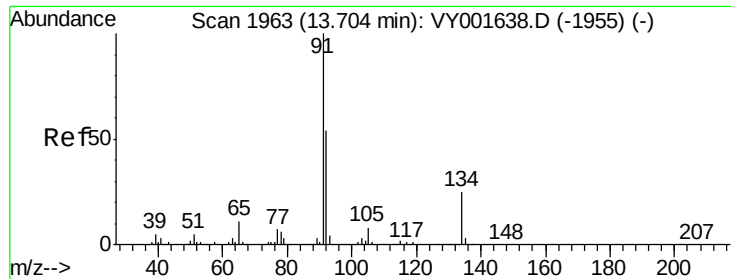
Tgt Ion:146 Resp: 86909
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.4 64.3
 148 63.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 20.08 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion:146 Resp: 85870
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 64.9 31.6 94.7

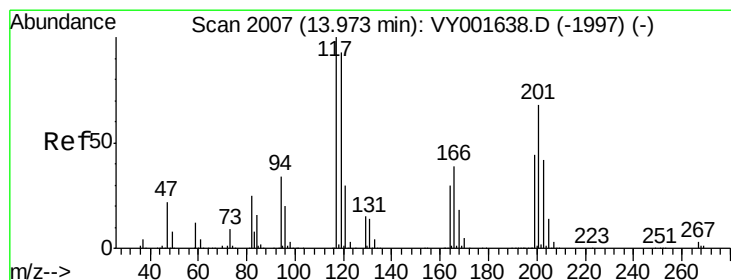
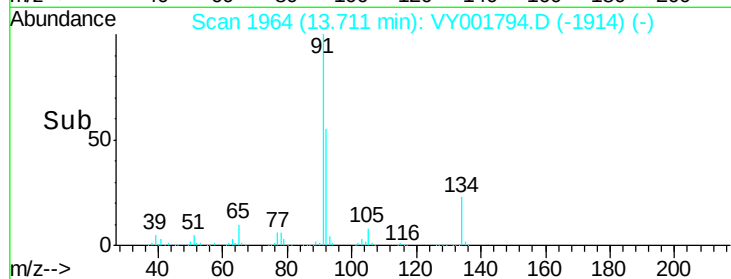
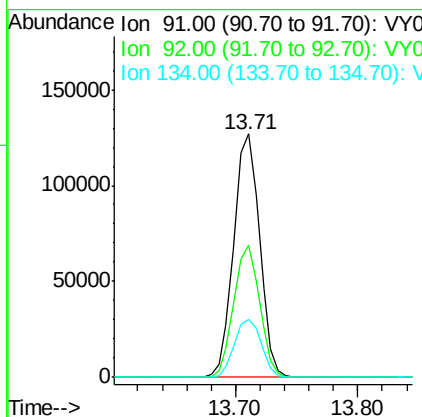
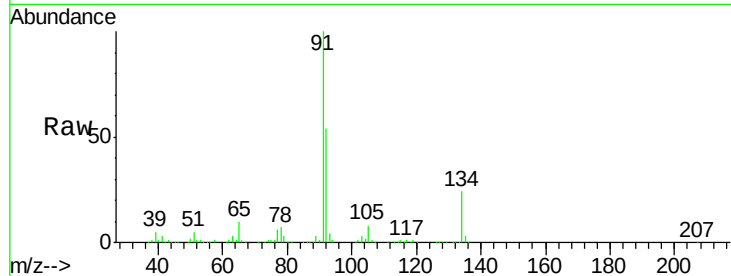




#89
n-Butylbenzene
Concen: 20.43 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

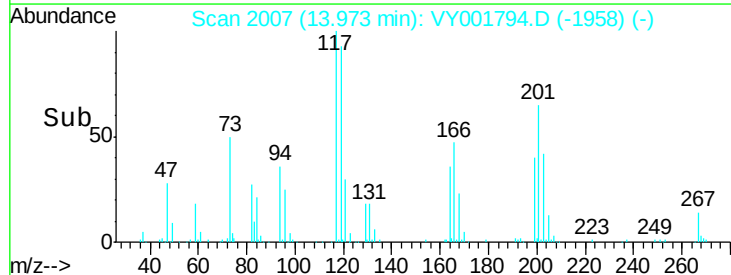
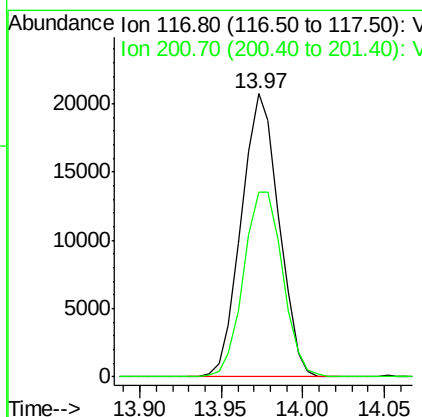
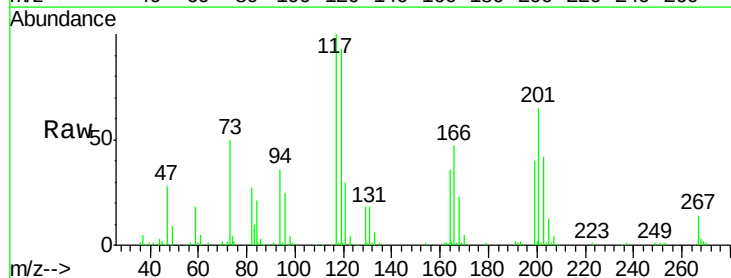
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

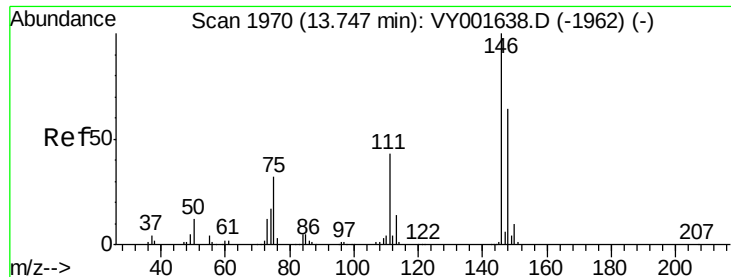
Tgt Ion: 91 Resp: 185749
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.4
134 24.7 12.4 37.4



#90
Hexachloroethane
Concen: 19.91 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY001794.D
Acq: 28 Feb 2020 11:02

Tgt Ion: 117 Resp: 33375
Ion Ratio Lower Upper
117 100
201 68.1 32.5 97.4

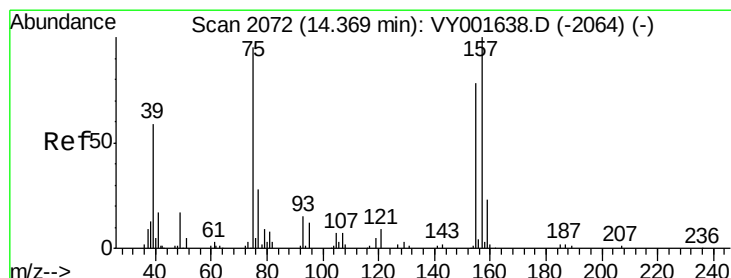
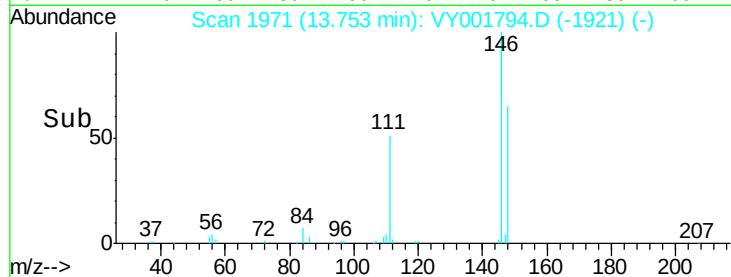
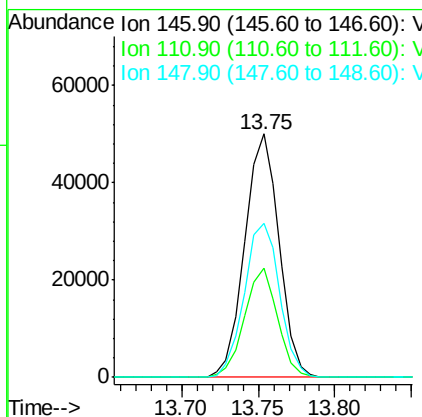
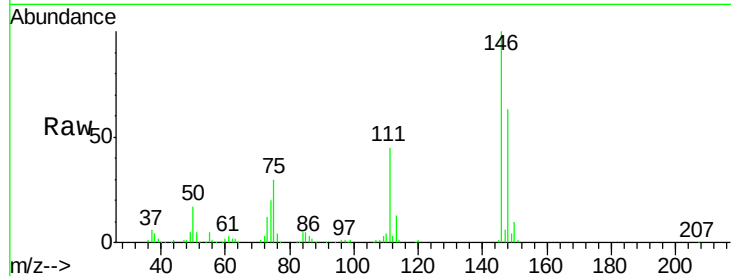




#91
 1,2-Dichlorobenzene
 Concen: 19.98 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

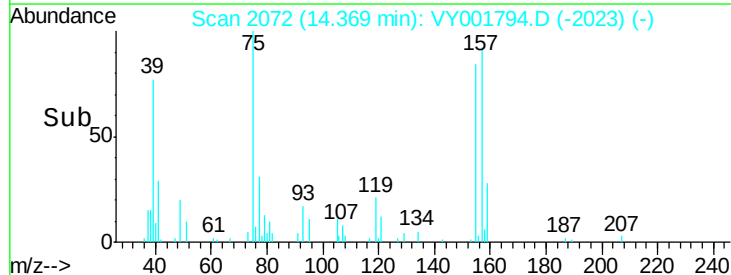
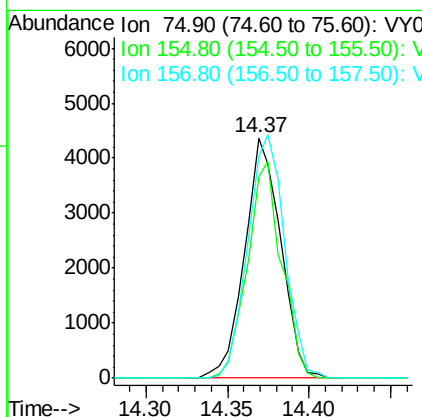
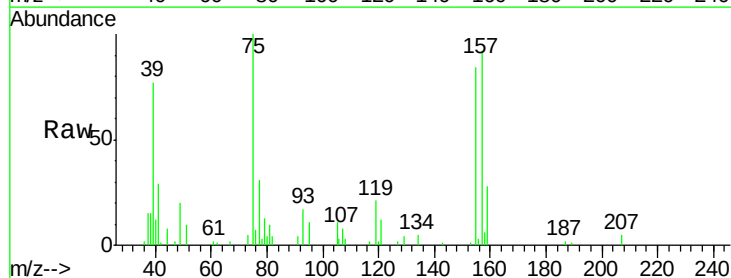
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

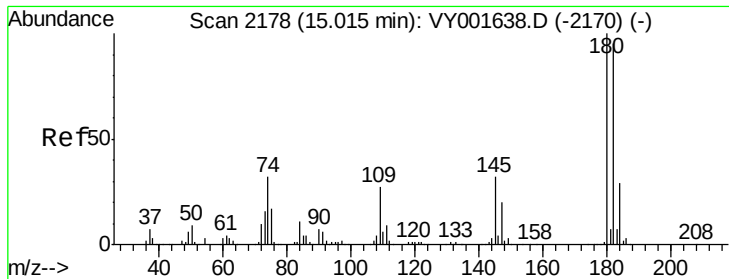
Tgt Ion: 146 Resp: 77997
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.9 65.7
 148 65.3 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.08 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion: 75 Resp: 6764
 Ion Ratio Lower Upper
 75 100
 155 85.7 40.8 122.4
 157 103.0 52.1 156.4

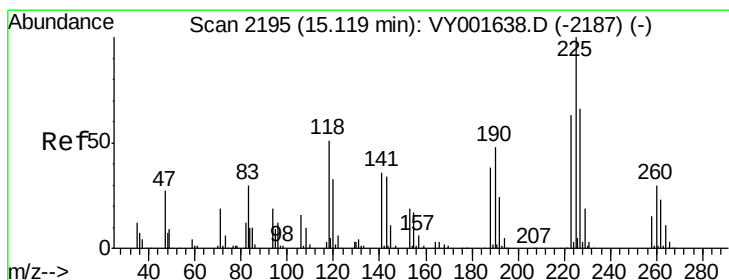
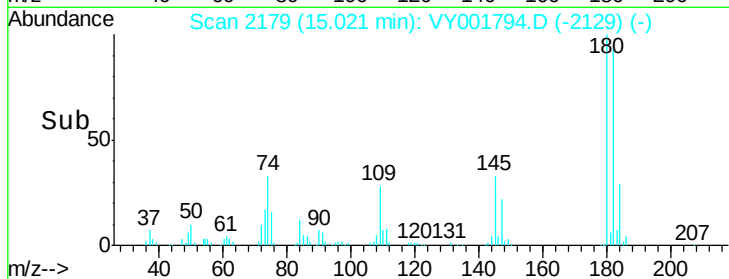
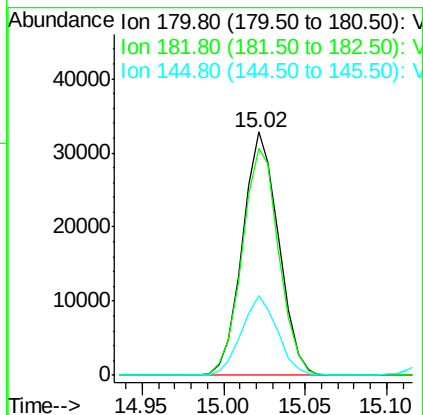
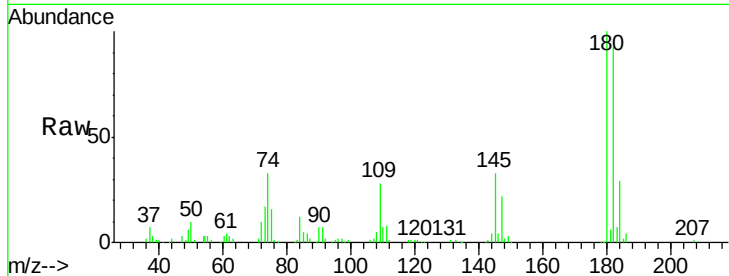




#93
 1,2,4-Trichlorobenzene
 Concen: 19.54 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

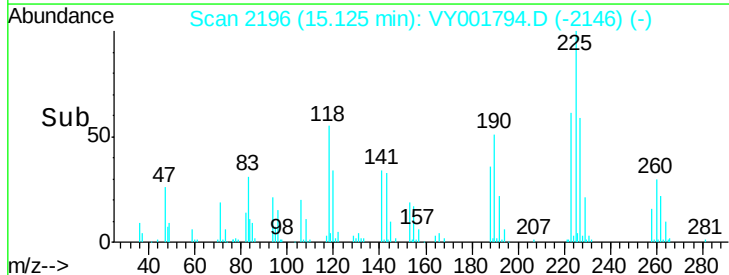
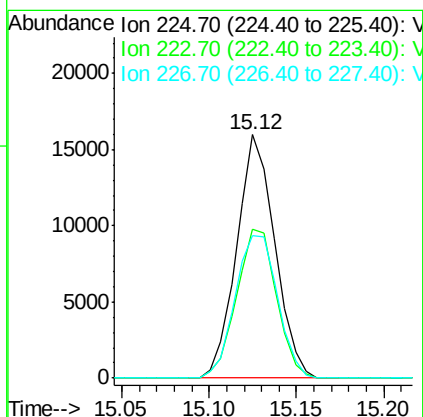
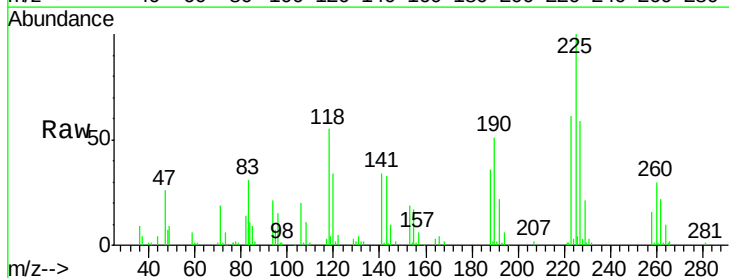
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

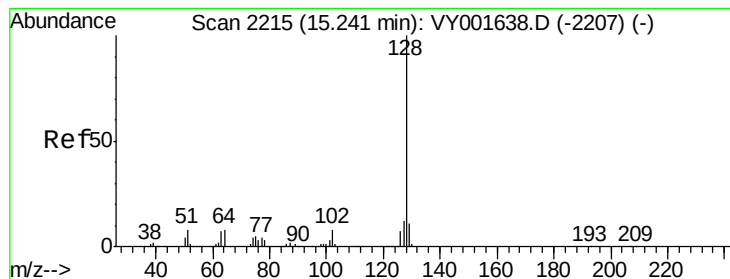
Tgt Ion:180 Resp: 50531
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.8 140.3
 145 32.6 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 18.82 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001794.D
 Acq: 28 Feb 2020 11:02

Tgt Ion:225 Resp: 24207
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.4 94.0
 227 65.5 31.6 94.8





#95

Naphthalene

Concen: 19.41 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

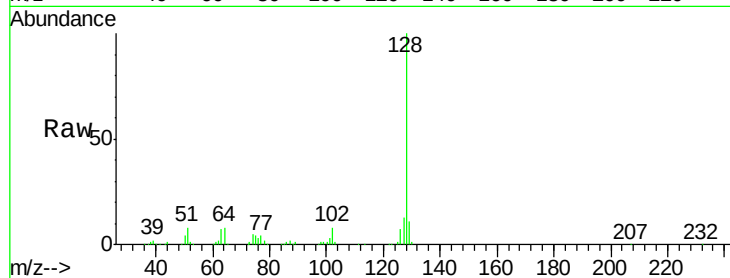
Tgt Ion:128 Resp: 115749

Ion Ratio Lower Upper

128 100

127 12.6 9.9 14.9

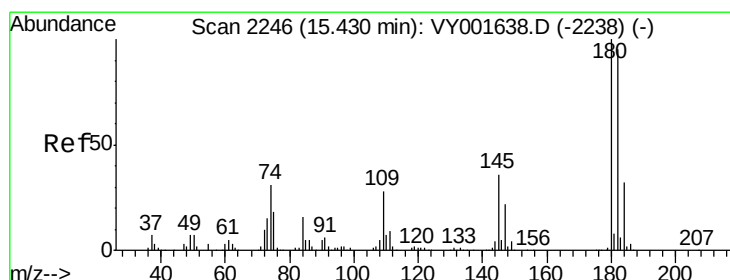
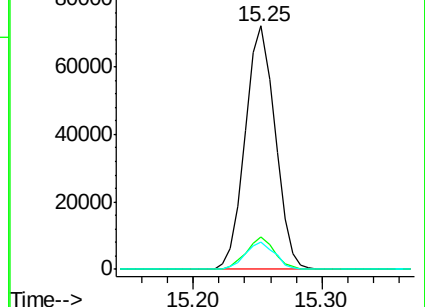
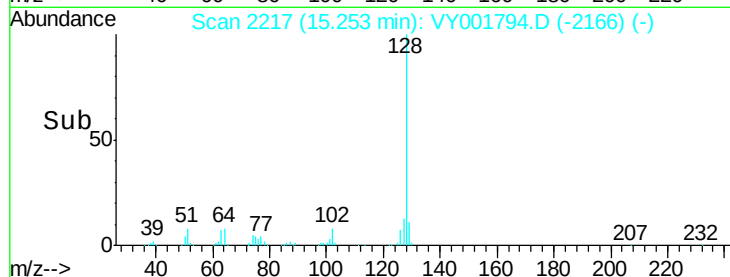
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.65 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY001794.D

Acq: 28 Feb 2020 11:02

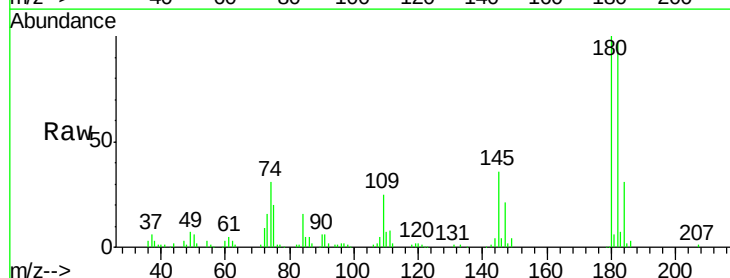
Tgt Ion:180 Resp: 44711

Ion Ratio Lower Upper

180 100

182 95.5 47.2 141.6

145 33.7 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

