

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000720.D
 Acq On : 18 Nov 2019 12:44
 Operator : SY/MD
 Sample : VY1118SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

Quant Time: Nov 18 13:30:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	220430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	375530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	333586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166511	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122209	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.72	113	107715	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.18	98	437045	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.48	95	155003	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	41303	19.035 ug/l	98
3) Chloromethane	2.11	50	56624	18.943 ug/l	100
4) Vinyl Chloride	2.25	62	54169	19.515 ug/l	95
5) Bromomethane	2.64	94	41179	24.739 ug/l	92
6) Chloroethane	2.79	64	36744	21.150 ug/l #	88
7) Trichlorofluoromethane	3.12	101	80960	21.597 ug/l	95
8) Diethyl Ether	3.53	74	29070	21.824 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	47111	20.787 ug/l	97
10) Methyl Iodide	4.10	142	45634	17.518 ug/l	99
11) Tert butyl alcohol	4.97	59	21923	98.727 ug/l	99
12) 1,1-Dichloroethene	3.87	96	46591	21.160 ug/l	87
13) Acrolein	3.73	56	15864	82.017 ug/l	98
14) Allyl chloride	4.49	41	79368	22.168 ug/l	96
15) Acrylonitrile	5.18	53	73010	107.000 ug/l	99
16) Acetone	3.96	43	55043	87.548 ug/l	91
17) Carbon Disulfide	4.19	76	135474	19.508 ug/l	97
18) Methyl Acetate	4.48	43	39597	20.255 ug/l	99
19) Methyl tert-butyl Ether	5.22	73	131977	21.558 ug/l	98
20) Methylene Chloride	4.72	84	55653	20.658 ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	53768	21.600 ug/l	97
22) Diisopropyl ether	6.13	45	172745	22.198 ug/l	92
23) Vinyl Acetate	6.07	43	542287	110.391 ug/l	100
24) 1,1-Dichloroethane	6.02	63	92644	21.975 ug/l	97
25) 2-Butanone	7.00	43	96550	96.224 ug/l	94
26) 2,2-Dichloropropane	6.99	77	82773	21.484 ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	59087	21.708 ug/l	98
28) Bromochloromethane	7.34	49	22687	14.926 ug/l	97
29) Tetrahydrofuran	7.35	42	64048	104.341 ug/l	100
30) Chloroform	7.52	83	95961	22.501 ug/l	96
31) Cyclohexane	7.78	56	91928	20.819 ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	81378	21.410 ug/l	100
36) 1,1-Dichloropropene	7.92	75	74013	20.848 ug/l	100
37) Ethyl Acetate	7.08	43	44354	21.044 ug/l	100
38) Carbon Tetrachloride	7.91	117	70372	20.601 ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90507	19.734	ug/l	95
40) Benzene	8.17	78	217084	20.857	ug/l	98
41) Methacrylonitrile	7.36	41	60063	51.083	ug/l #	7
42) 1,2-Dichloroethane	8.24	62	62181	21.064	ug/l	100
43) Isopropyl Acetate	8.28	43	83923	21.196	ug/l	99
44) Trichloroethene	8.94	130	57576	20.981	ug/l	95
45) 1,2-Dichloropropane	9.22	63	53018	20.697	ug/l	100
46) Dibromomethane	9.31	93	29614	21.021	ug/l	97
47) Bromodichloromethane	9.50	83	70948	21.224	ug/l	96
48) Methyl methacrylate	9.30	41	36093	20.864	ug/l	96
49) 1,4-Dioxane	9.30	88	7647	403.320	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	220670	104.828	ug/l	99
52) Toluene	10.25	92	137579	20.908	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	74647	20.899	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	87340	21.345	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	41633	20.432	ug/l	94
56) Ethyl methacrylate	10.51	69	60457	20.934	ug/l	98
57) 1,3-Dichloropropane	10.79	76	74758	20.962	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	134451	102.977	ug/l	99
59) 2-Hexanone	10.83	43	150592	98.186	ug/l	98
60) Dibromochloromethane	10.99	129	47103	20.182	ug/l	99
61) 1,2-Dibromoethane	11.09	107	40978	20.916	ug/l	98
64) Tetrachloroethene	10.72	164	57399	20.809	ug/l	95
65) Chlorobenzene	11.52	112	143200	21.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	47189	20.118	ug/l	96
67) Ethyl Benzene	11.59	91	264354	21.237	ug/l	100
68) m/p-Xylenes	11.70	106	201171	41.757	ug/l	97
69) o-Xylene	12.03	106	94859	20.950	ug/l	100
70) Styrene	12.04	104	159254	20.540	ug/l	99
71) Bromoform	12.20	173	28278	20.960	ug/l #	96
73) Isopropylbenzene	12.33	105	252117	20.487	ug/l	100
74) N-amyl acetate	12.14	43	72501	20.570	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	50921	20.898	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	69086	36.439	ug/l #	100
77) Bromobenzene	12.61	156	56484	20.240	ug/l	96
78) n-propylbenzene	12.67	91	312044	21.015	ug/l	100
79) 2-Chlorotoluene	12.75	91	173295	21.022	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	212440	20.727	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17198	20.338	ug/l	94
82) 4-Chlorotoluene	12.85	91	176626	20.670	ug/l	98
83) tert-Butylbenzene	13.07	119	186234	21.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	217468	21.310	ug/l	100
85) sec-Butylbenzene	13.25	105	262891	21.085	ug/l	100
86) p-Isopropyltoluene	13.37	119	233794	21.039	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	114168	20.886	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	112867	20.663	ug/l	99
89) n-Butylbenzene	13.69	91	231491	21.121	ug/l	99
90) Hexachloroethane	13.95	117	42380	20.630	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	102583	20.684	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8432	19.553	ug/l	99

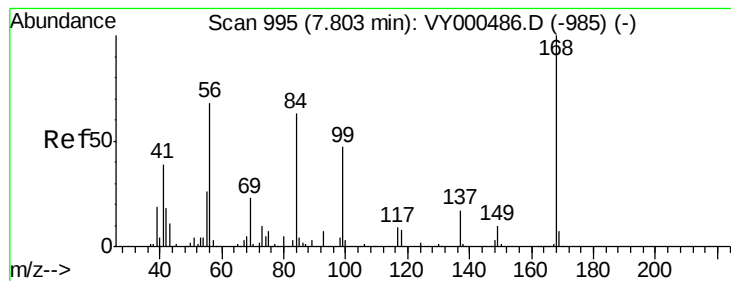
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QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	69684	20.635	ug/l	98
94) Hexachlorobutadiene	15.11	225	35411	20.343	ug/l	97
95) Naphthalene	15.23	128	155235	20.708	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	65126	21.496	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

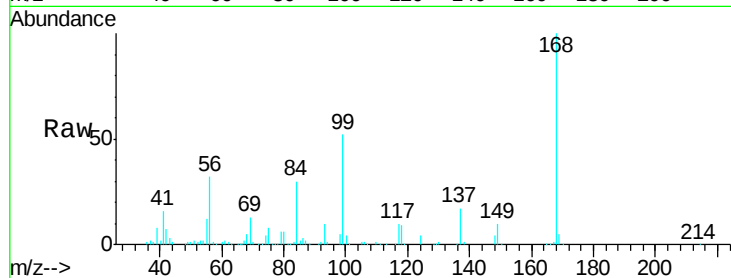
VY1118SBS01

Tgt Ion:168 Resp: 220430

Ion Ratio Lower Upper

168 100

99 52.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000720.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000720.D (-946) (-)

7.80

100000

80000

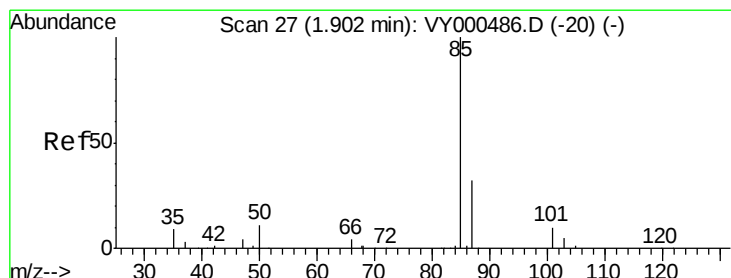
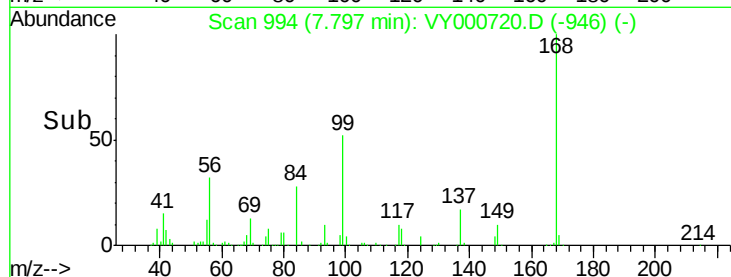
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.035 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000720.D

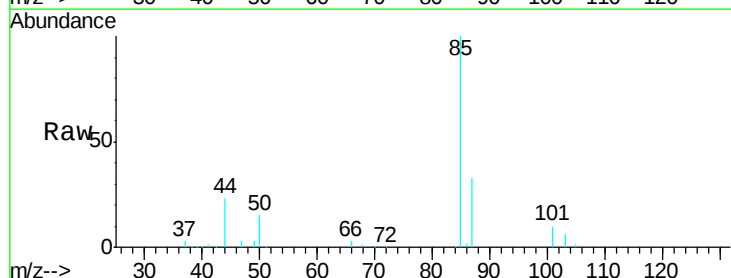
Acq: 18 Nov 2019 12:44

Tgt Ion: 85 Resp: 41303

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000720.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000720.D (-1) (-)

1.90

30000

25000

20000

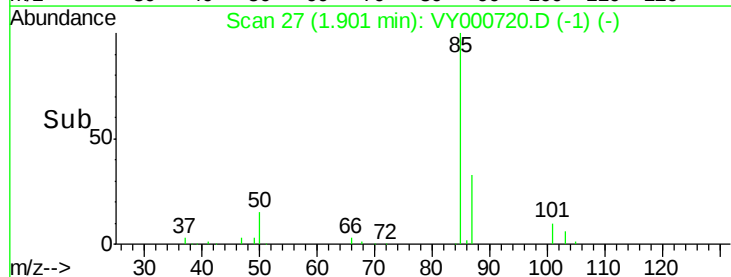
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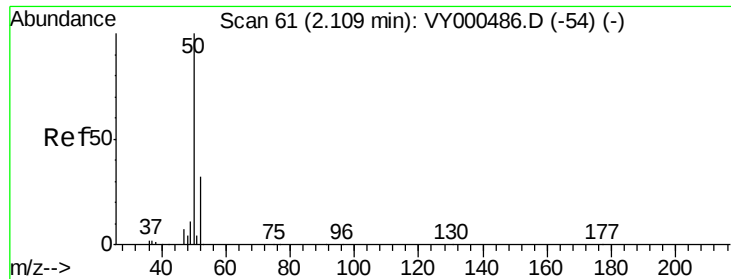
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5000

0

Time-->





#3

Chloromethane

Concen: 18.943 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

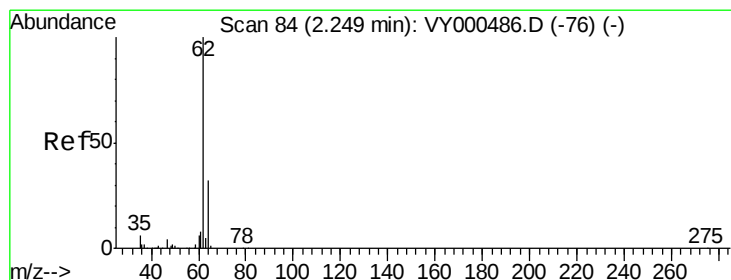
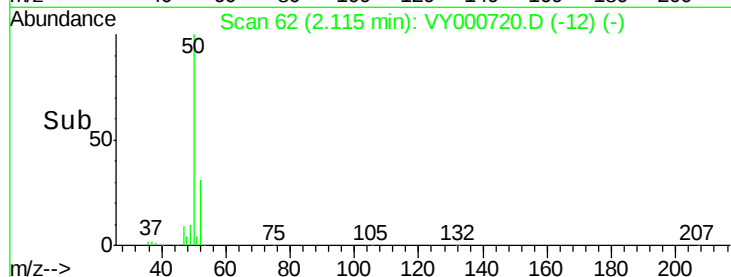
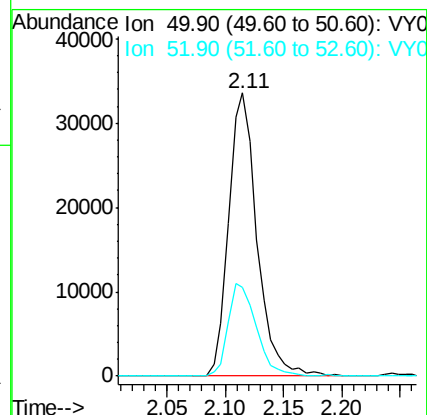
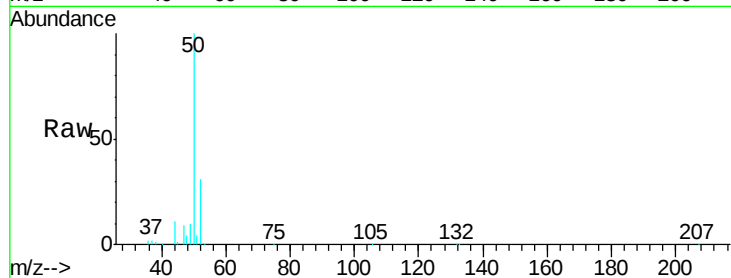
VY1118SBS01

Tgt Ion: 50 Resp: 56624

Ion Ratio Lower Upper

50 100

52 31.3 25.2 37.8



#4

Vinyl Chloride

Concen: 19.515 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000720.D

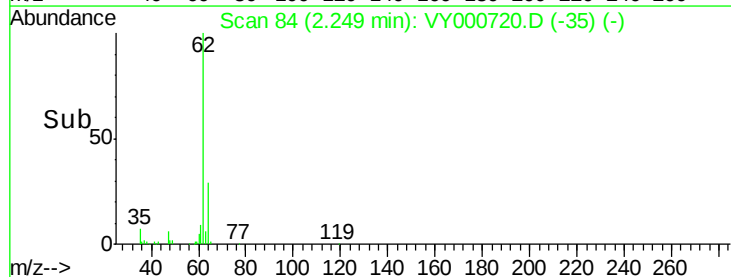
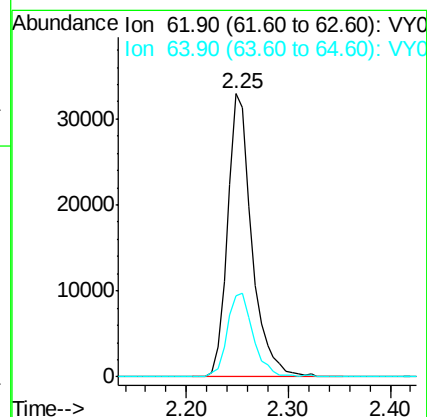
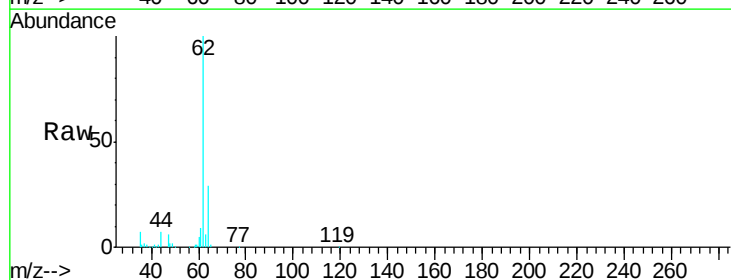
Acq: 18 Nov 2019 12:44

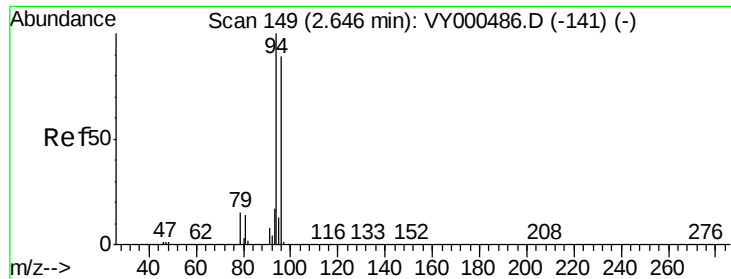
Tgt Ion: 62 Resp: 54169

Ion Ratio Lower Upper

62 100

64 28.8 25.2 37.8





#5

Bromomethane

Concen: 24.739 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

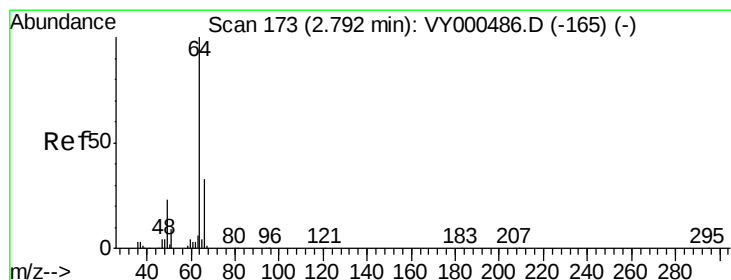
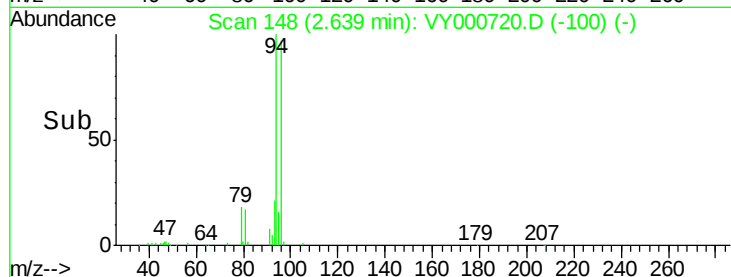
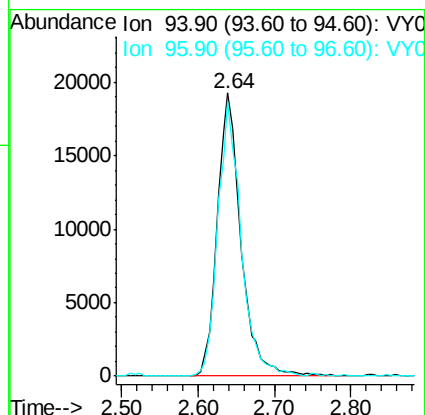
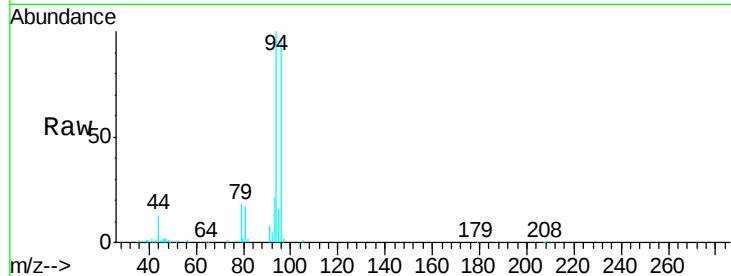
VY1118SBS01

Tgt Ion: 94 Resp: 41179

Ion Ratio Lower Upper

94 100

96 96.9 71.2 106.8



#6

Chloroethane

Concen: 21.150 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000720.D

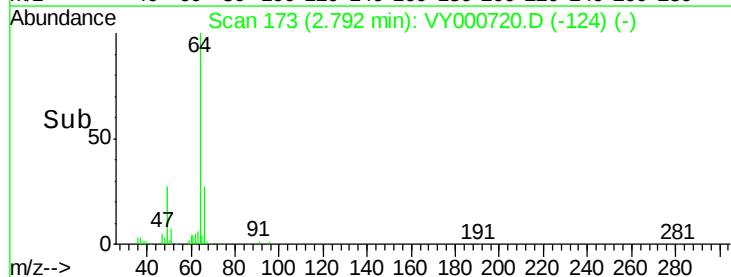
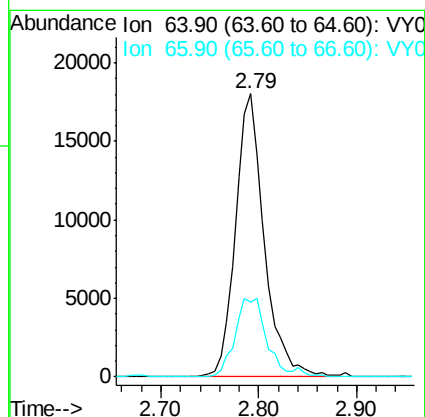
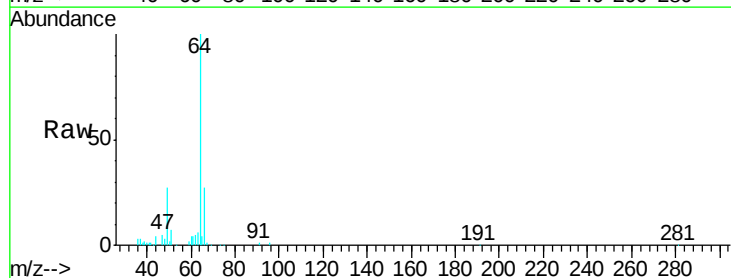
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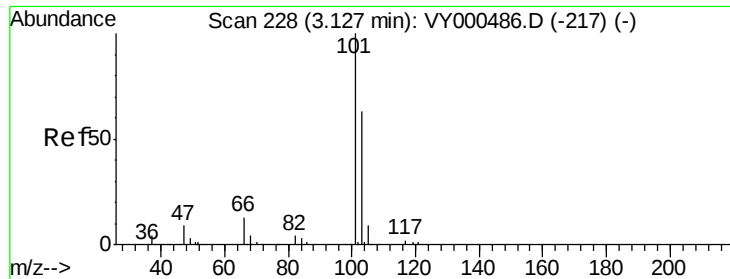
Tgt Ion: 64 Resp: 36744

Ion Ratio Lower Upper

64 100

66 26.5 26.6 40.0#



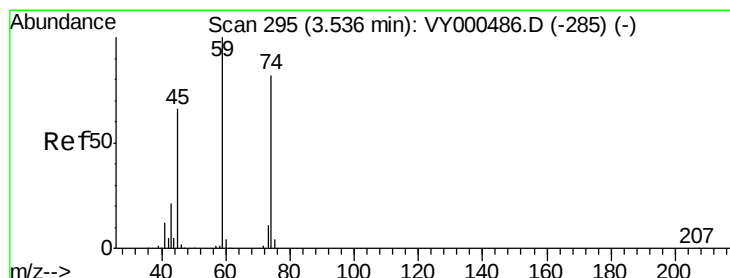
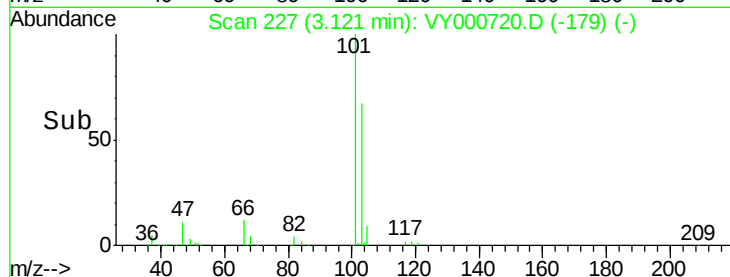
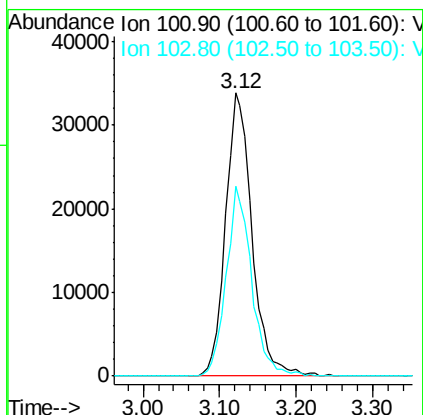
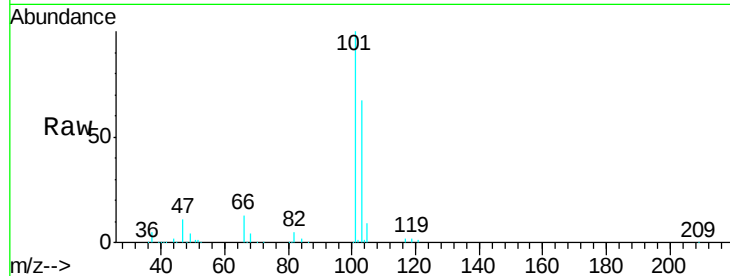


#7

Trichlorofluoromethane
 Concen: 21.597 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Instrument :
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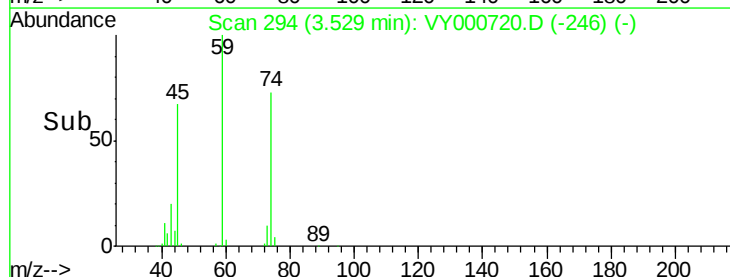
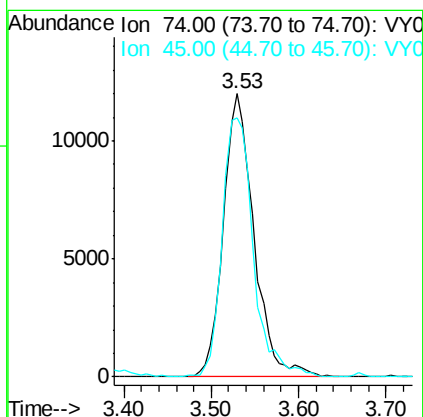
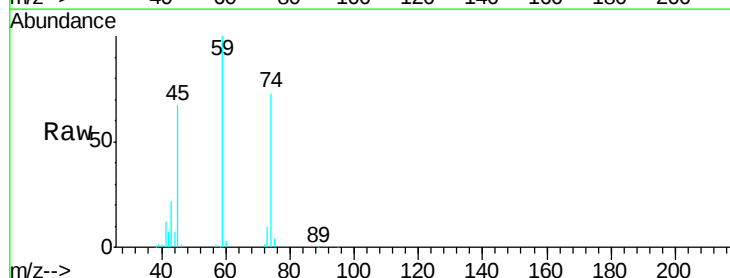
Tgt Ion:101 Resp: 80960
 Ion Ratio Lower Upper
 101 100
 103 67.2 50.5 75.7



#8

Diethyl Ether
 Concen: 21.824 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion: 74 Resp: 29070
 Ion Ratio Lower Upper
 74 100
 45 93.5 45.5 136.4

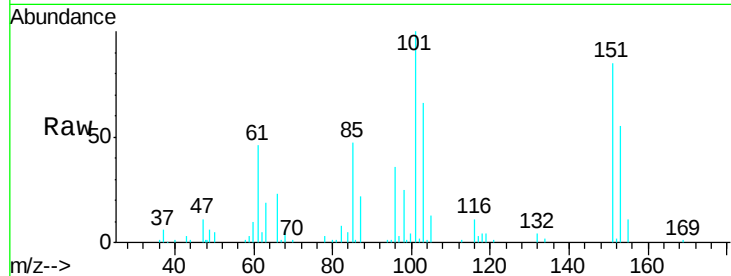




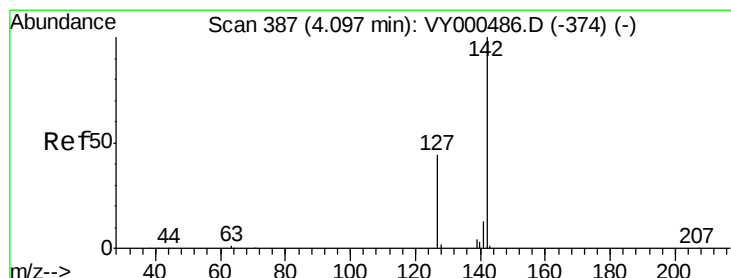
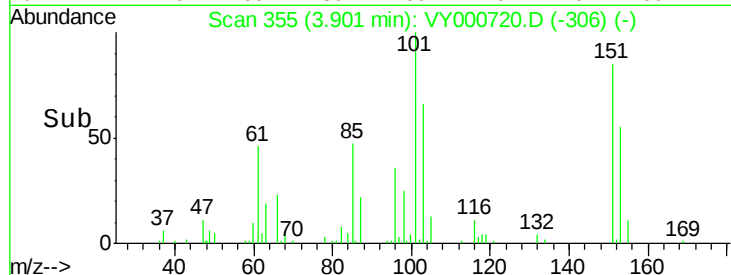
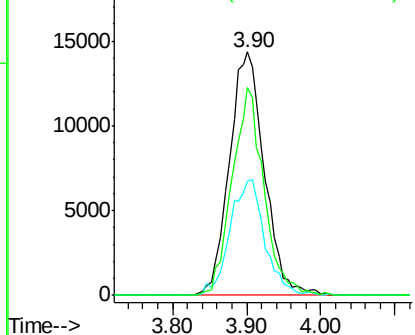
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.787 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

Tgt Ion:101 Resp: 47111
 Ion Ratio Lower Upper
 101 100
 85 46.9 36.7 55.1
 151 77.5 64.3 96.5

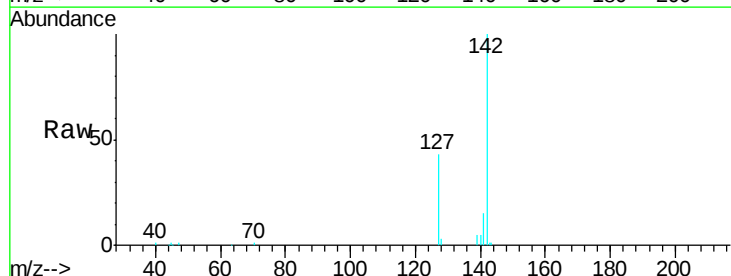


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

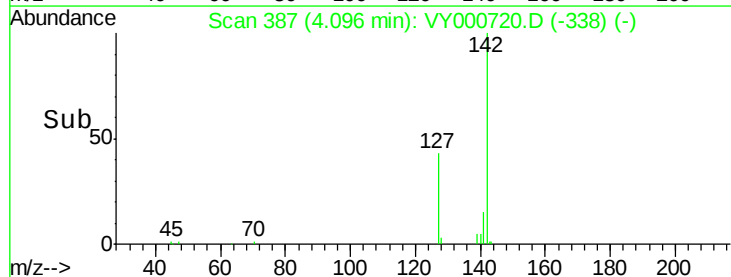
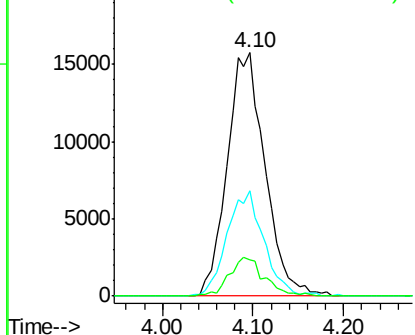


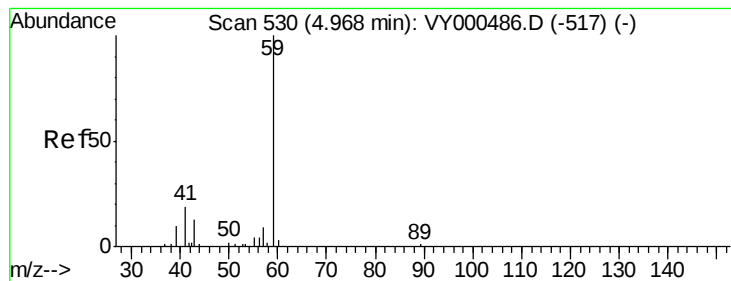
#10
 Methyl Iodide
 Concen: 17.518 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion:142 Resp: 45634
 Ion Ratio Lower Upper
 142 100
 127 42.3 33.7 50.5
 141 14.6 10.9 16.3



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



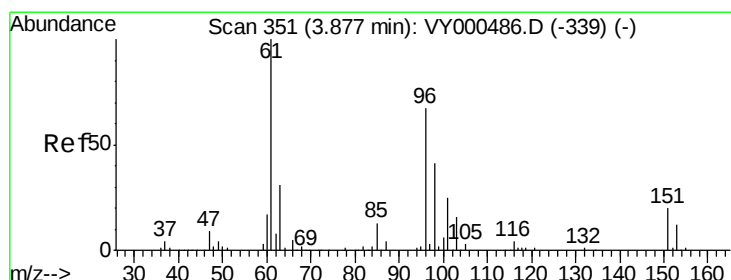
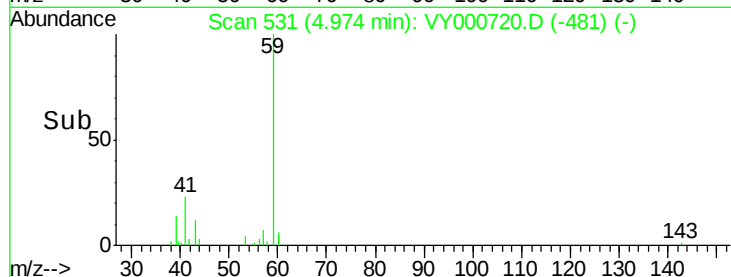
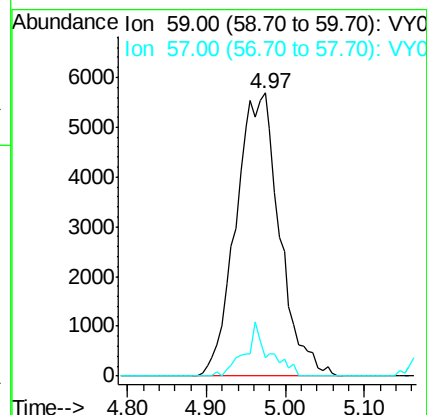
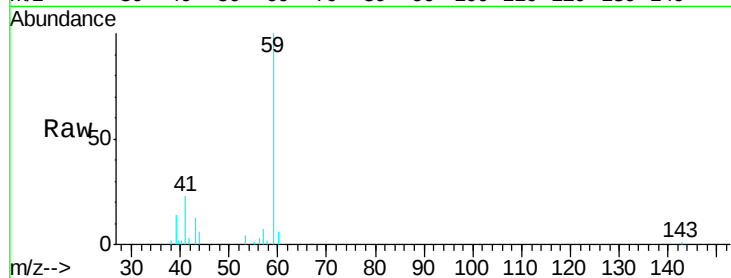


#11

Tert butyl alcohol
 Concen: 98.727 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

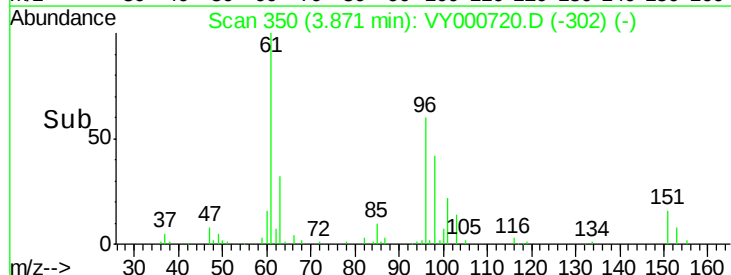
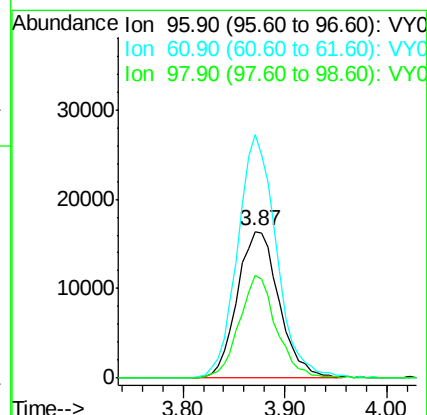
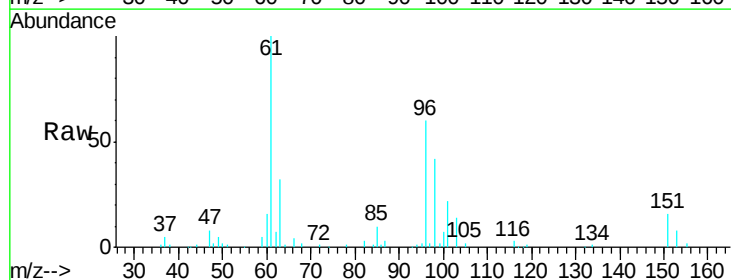
Tgt Ion: 59 Resp: 21923
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

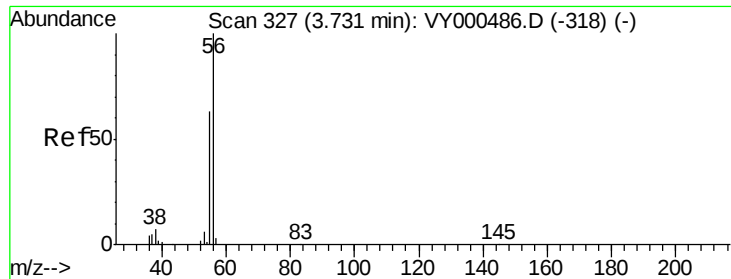


#12

1,1-Dichloroethene
 Concen: 21.160 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion: 96 Resp: 46591
 Ion Ratio Lower Upper
 96 100
 61 165.7 119.2 178.8
 98 70.1 48.6 73.0





#13

Acrolein

Concen: 82.017 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

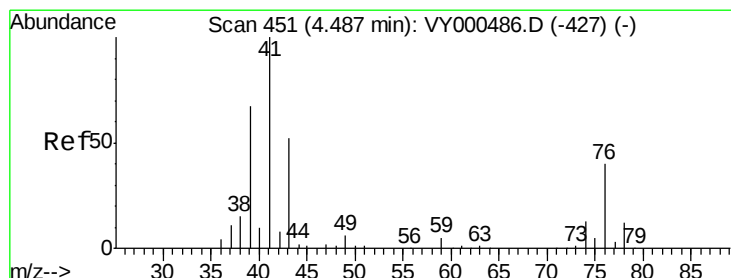
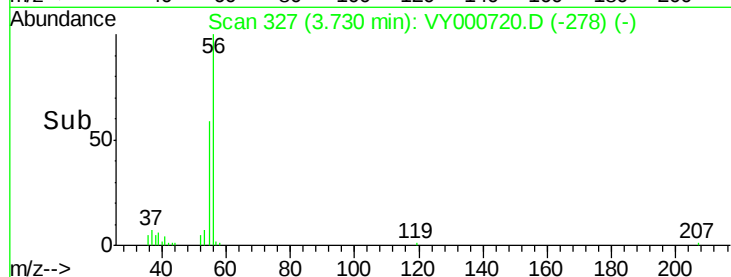
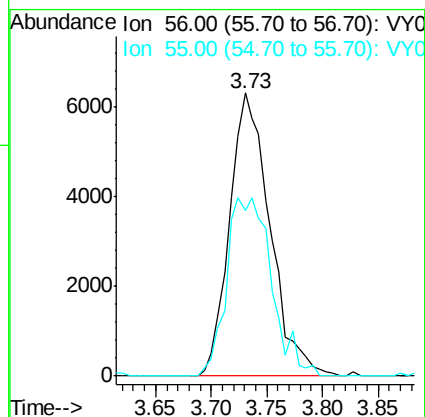
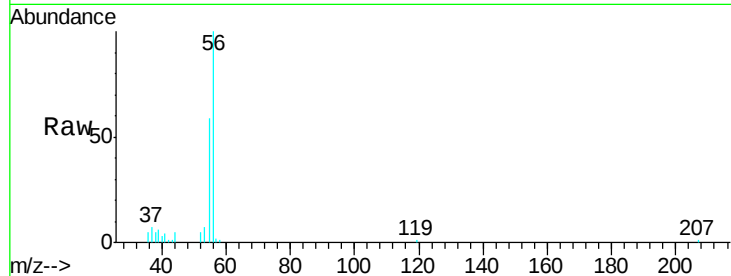
VY1118SBS01

Tgt Ion: 56 Resp: 15864

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.6



#14

Allyl chloride

Concen: 22.168 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

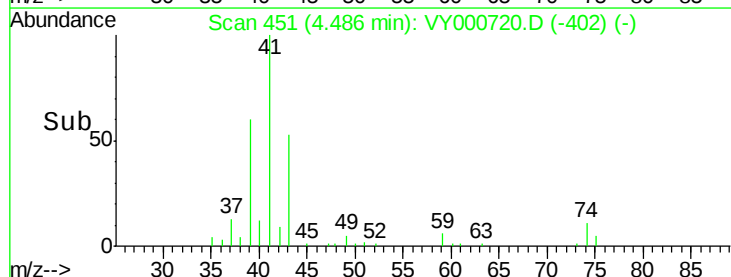
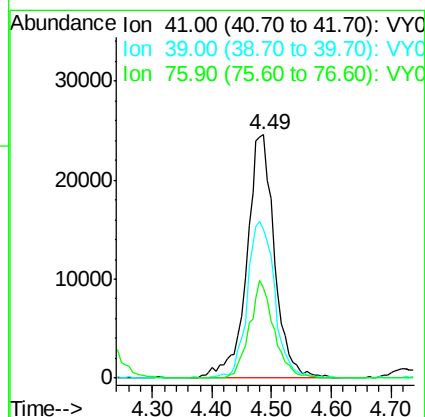
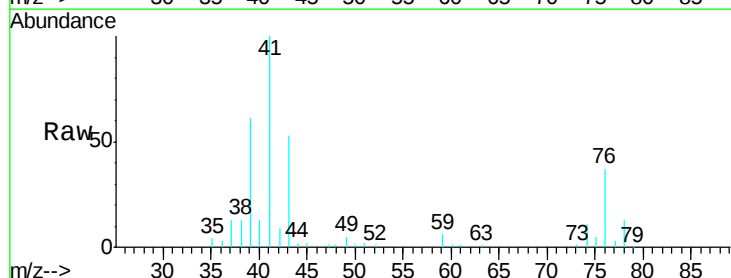
Tgt Ion: 41 Resp: 79368

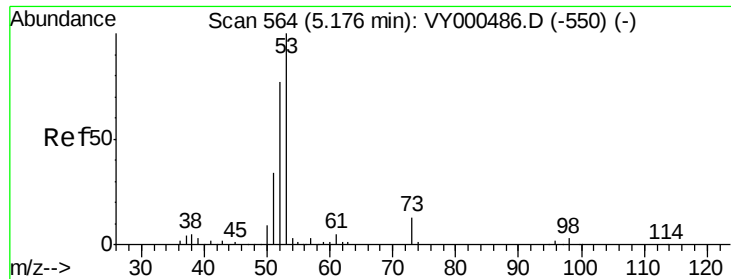
Ion Ratio Lower Upper

41 100

39 63.8 53.6 80.4

76 35.3 29.8 44.6





#15

Acrylonitrile

Concen: 107.000 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

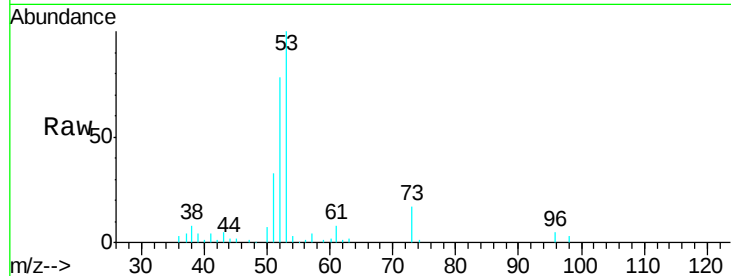
Tgt Ion: 53 Resp: 73010

Ion Ratio Lower Upper

53 100

52 81.1 64.9 97.3

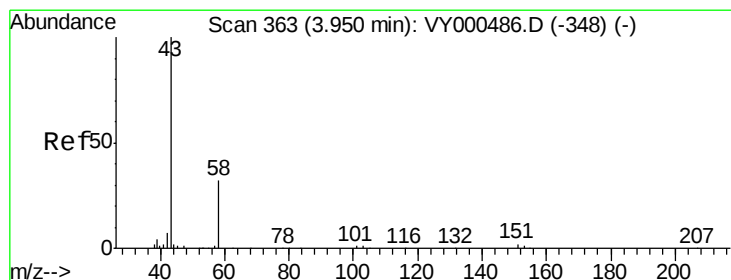
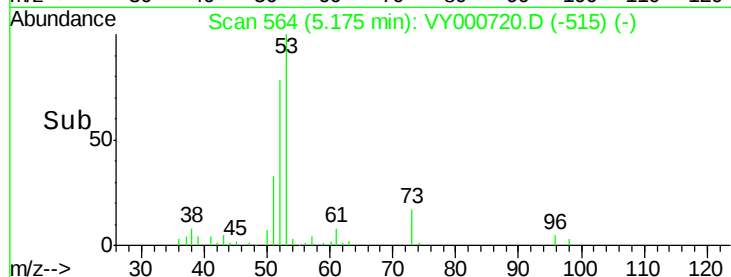
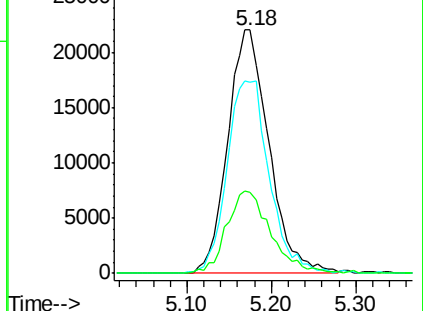
51 36.0 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 87.548 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000720.D

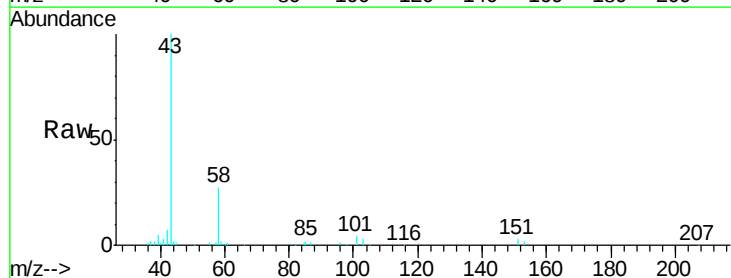
Acq: 18 Nov 2019 12:44

Tgt Ion: 43 Resp: 55043

Ion Ratio Lower Upper

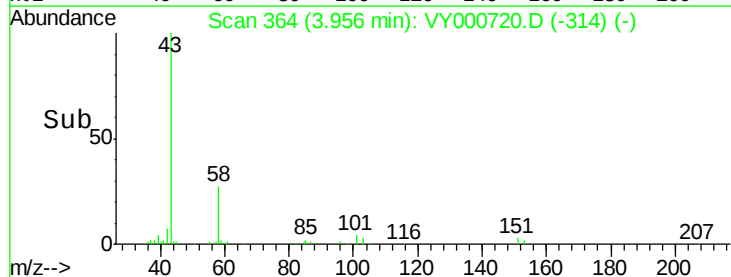
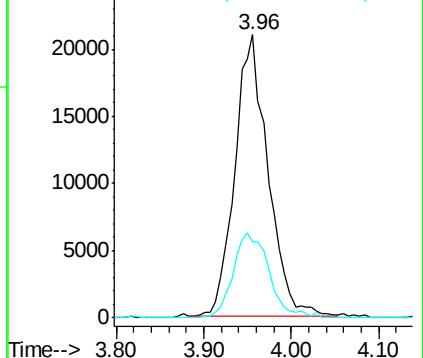
43 100

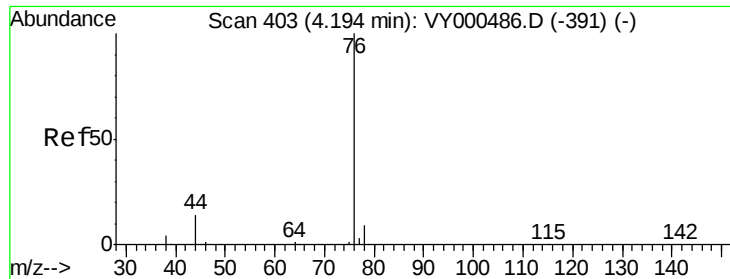
58 27.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

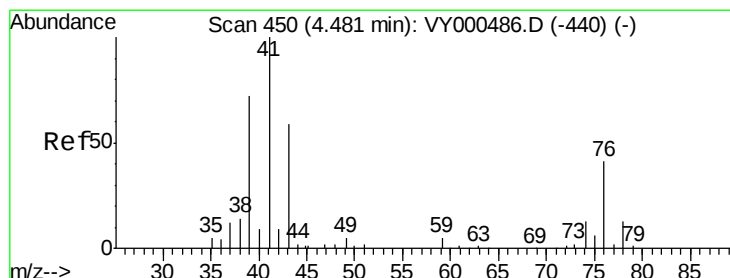
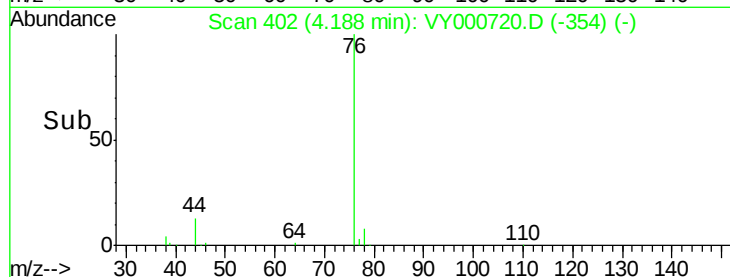
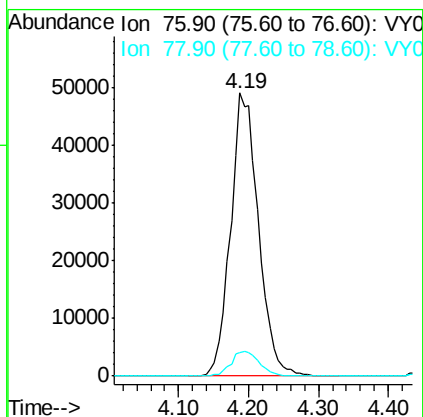
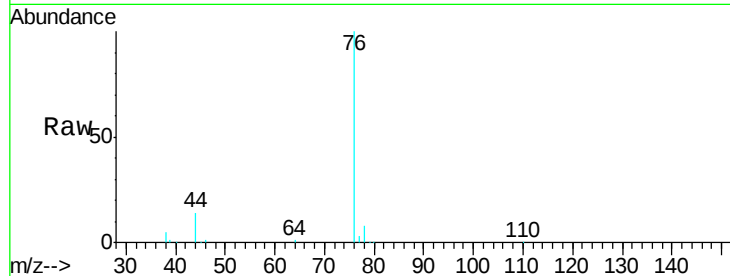




#17
Carbon Disulfide
Concen: 19.508 ug/l
RT: 4.19 min Scan# 402
Delta R.T. -0.01 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

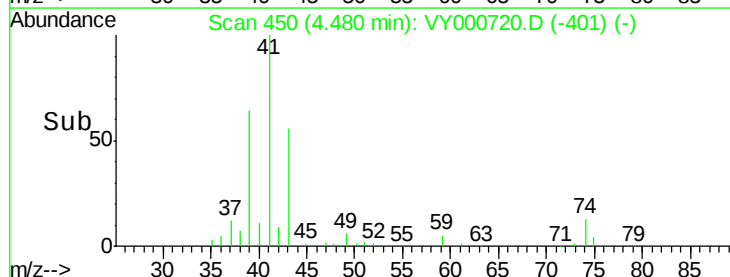
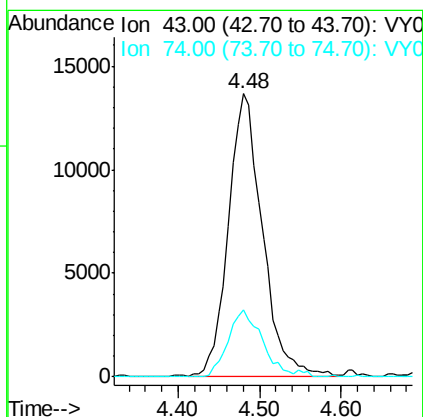
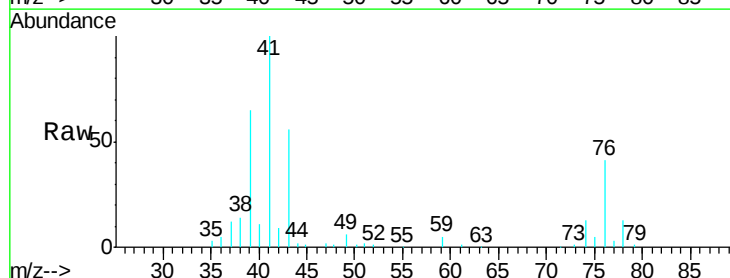
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

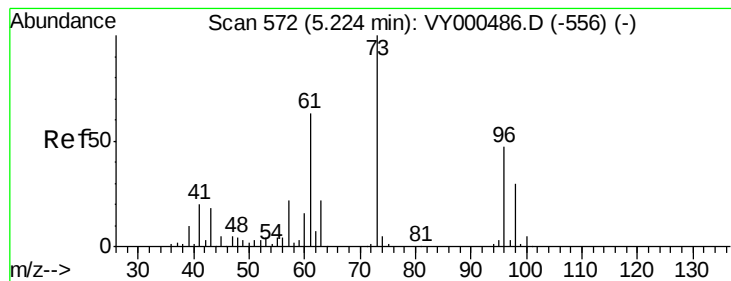
Tgt Ion: 76 Resp: 135474
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 20.255 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 43 Resp: 39597
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8



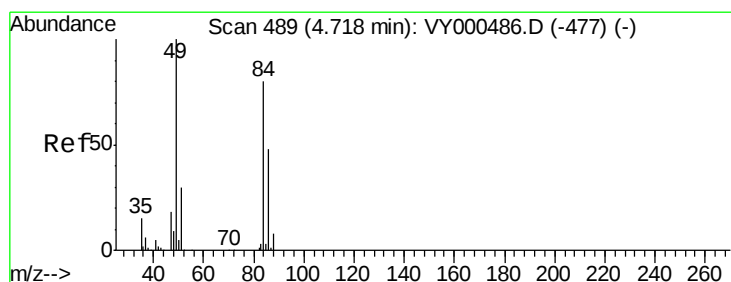
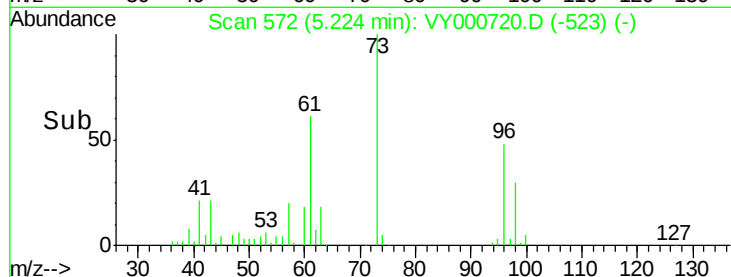
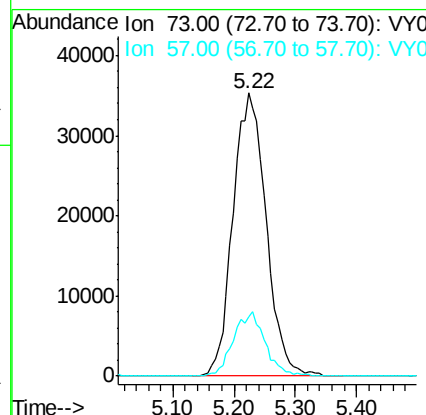
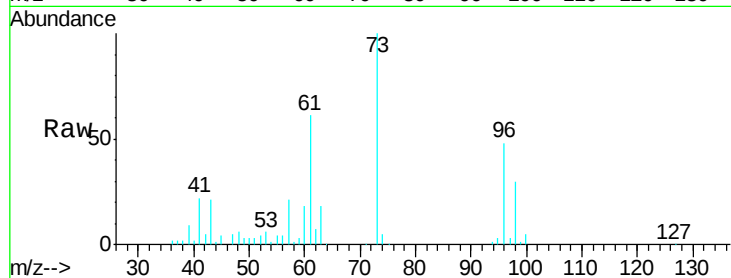


#19

Methyl tert-butyl Ether
 Concen: 21.558 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

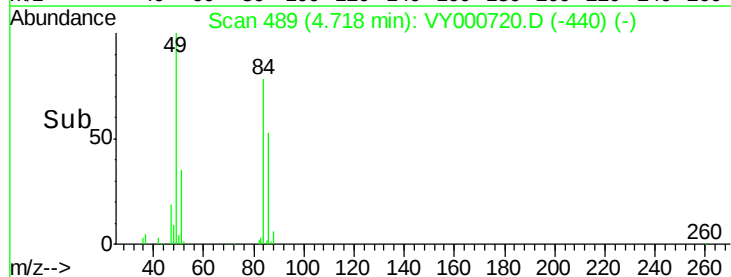
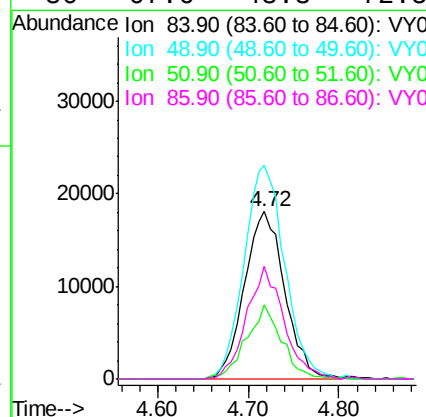
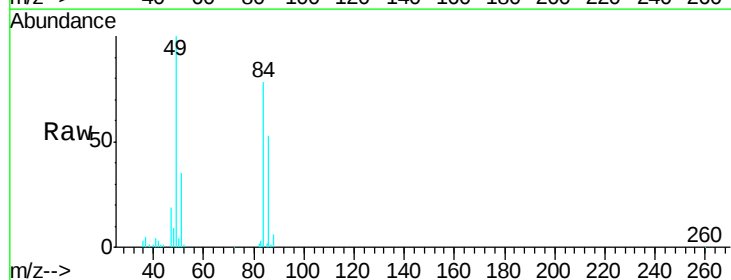
Tgt Ion: 73 Resp: 131977
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.4 26.0

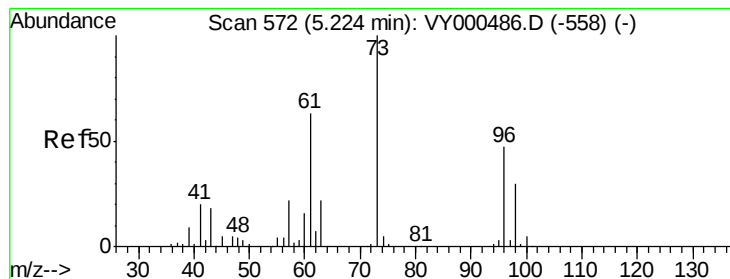


#20

Methylene Chloride
 Concen: 20.658 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion: 84 Resp: 55653
 Ion Ratio Lower Upper
 84 100
 49 127.8 100.2 150.4
 51 44.3 29.6 44.4
 86 67.6 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.600 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

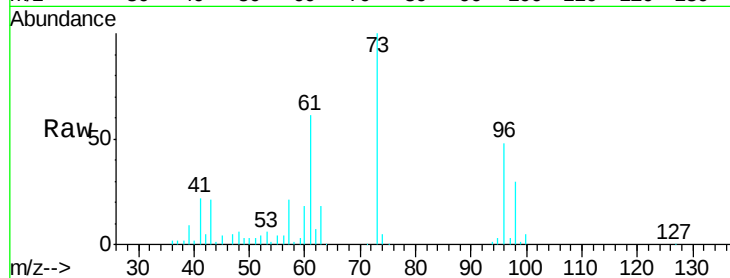
Tgt Ion: 96 Resp: 53768

Ion Ratio Lower Upper

96 100

61 128.3 106.6 160.0

98 62.6 50.6 76.0

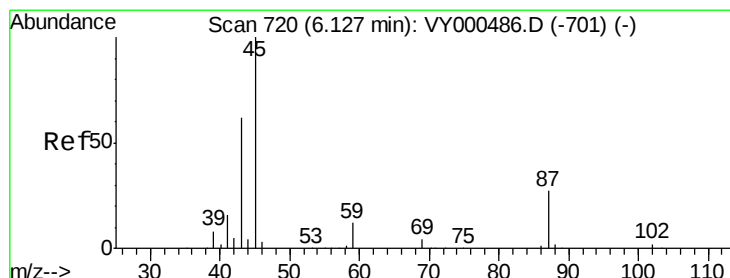
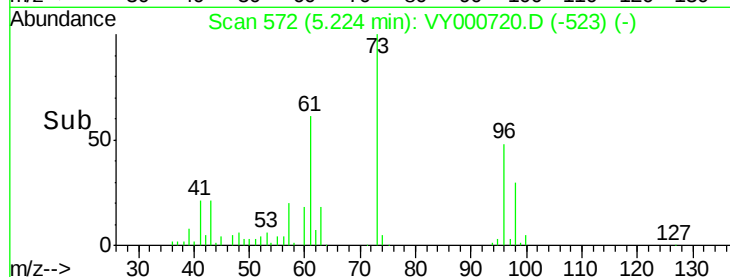
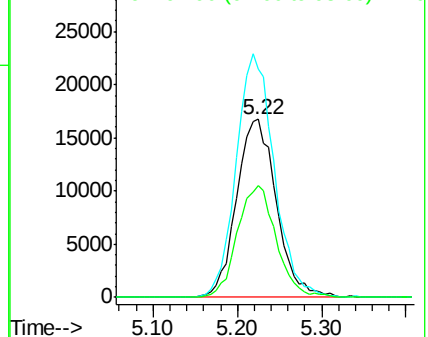


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.198 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Tgt Ion: 45 Resp: 172745

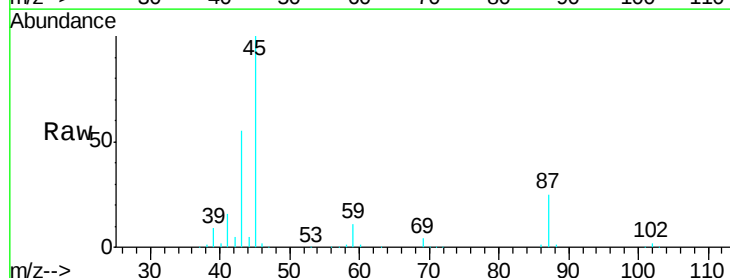
Ion Ratio Lower Upper

45 100

43 54.0 50.0 75.0

87 25.2 21.6 32.4

59 10.8 9.5 14.3



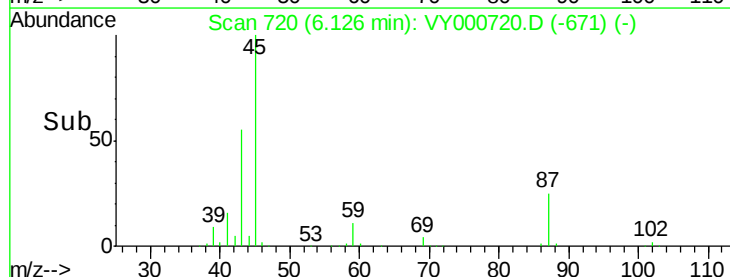
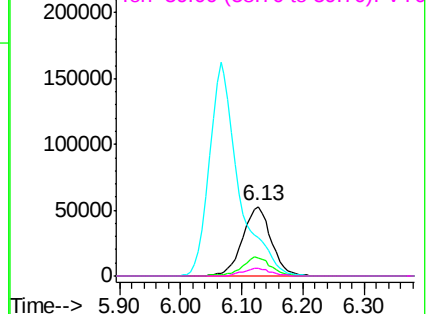
Abundance

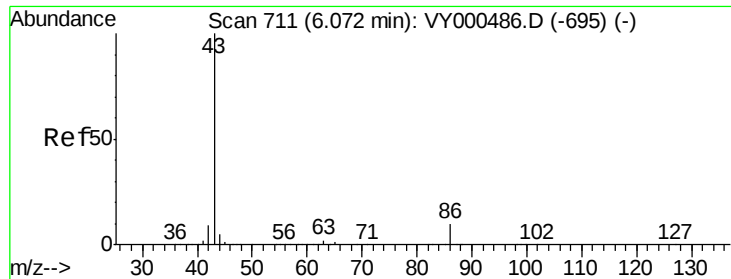
Ion 45.00 (44.70 to 45.70): VY0

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: 110.391 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

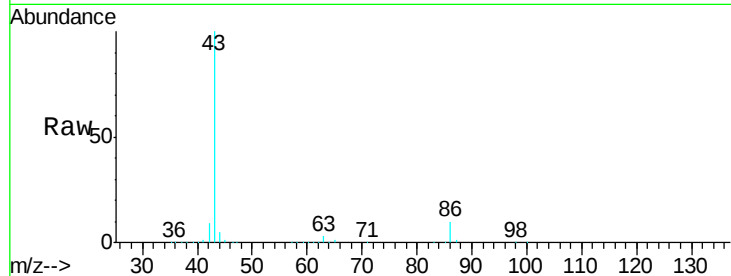
VY1118SBS01

Tgt Ion: 43 Resp: 542287

Ion Ratio Lower Upper

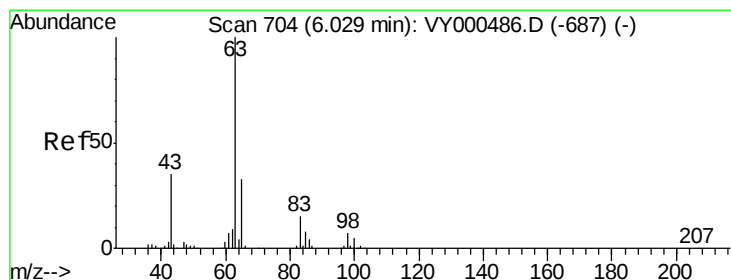
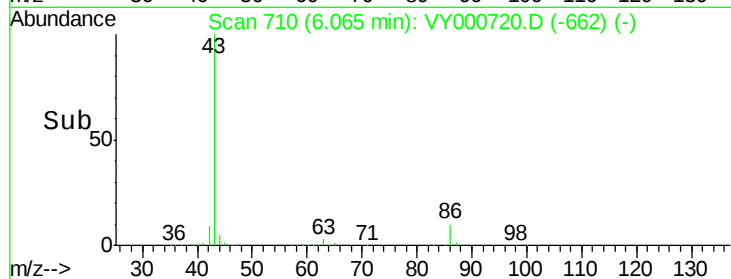
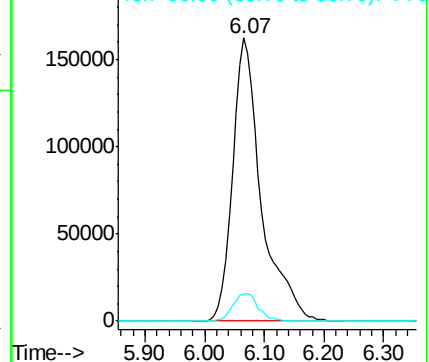
43 100

86 9.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.975 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

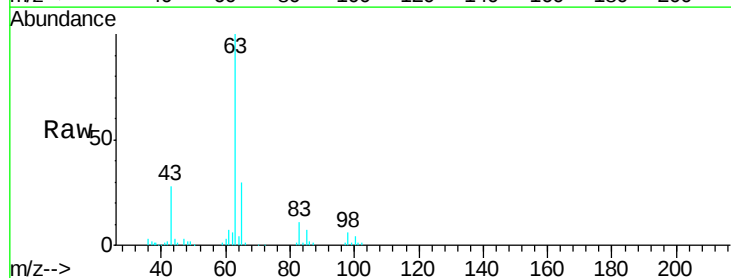
Tgt Ion: 63 Resp: 92644

Ion Ratio Lower Upper

63 100

98 5.5 3.5 10.6

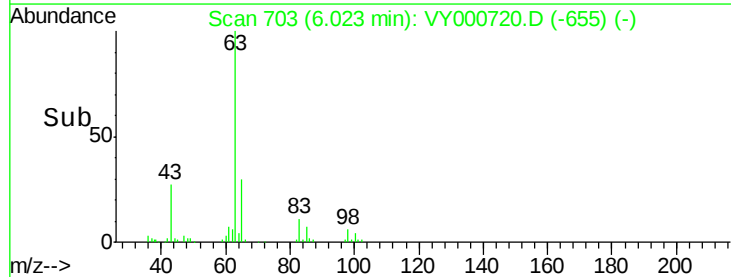
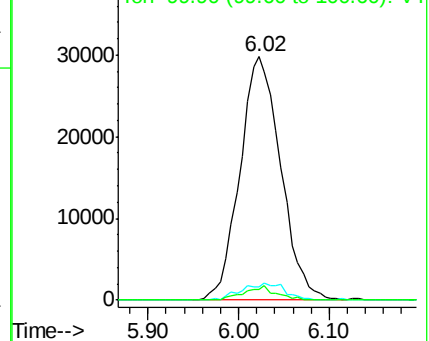
100 4.3 2.4 7.1

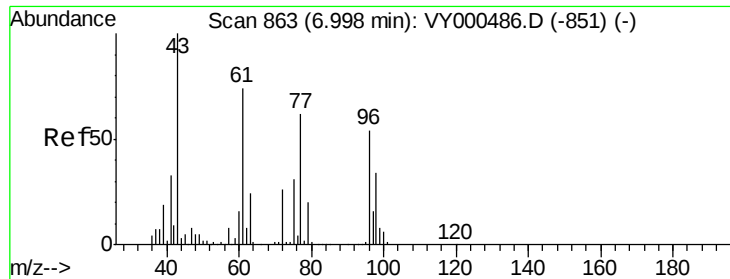


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 96.224 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

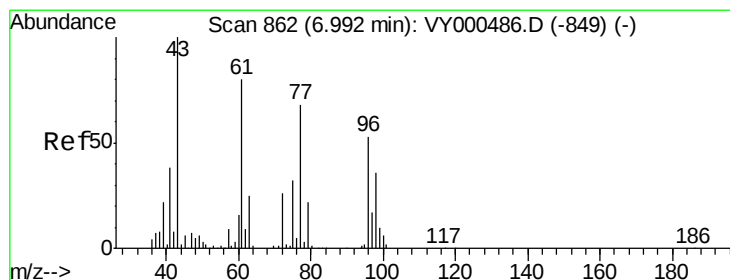
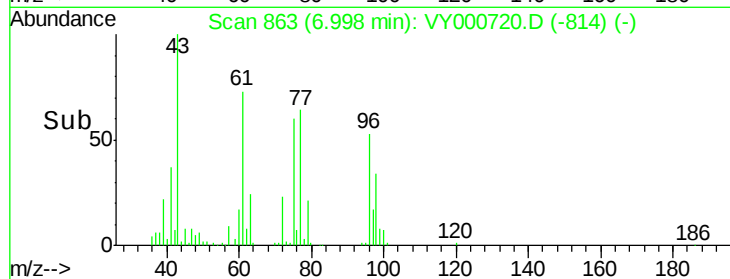
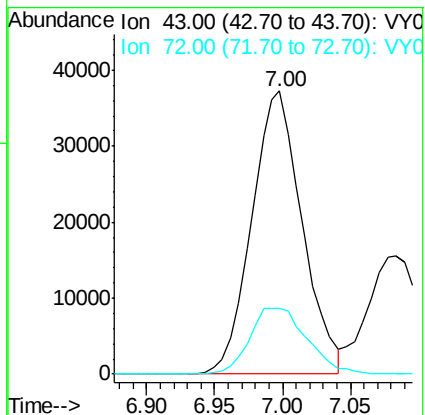
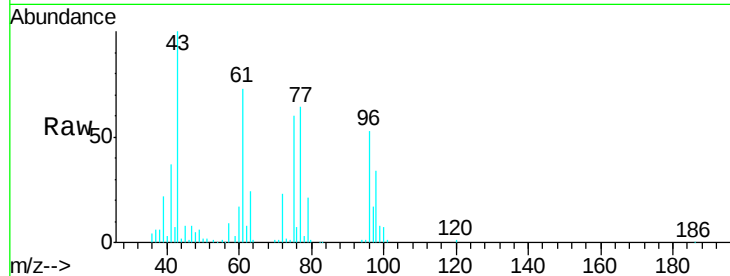
VY1118SBS01

Tgt Ion: 43 Resp: 96550

Ion Ratio Lower Upper

43 100

72 23.1 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.484 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000720.D

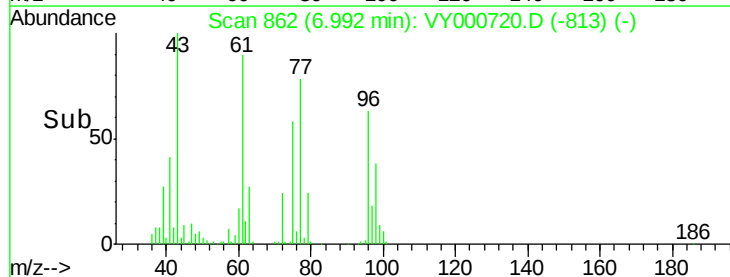
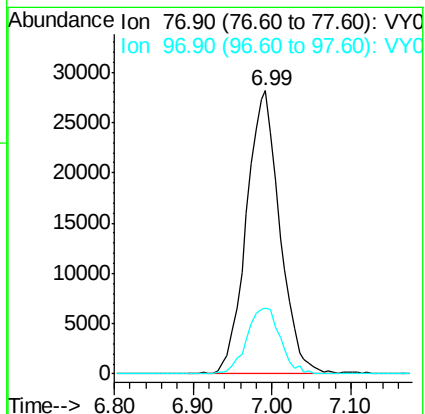
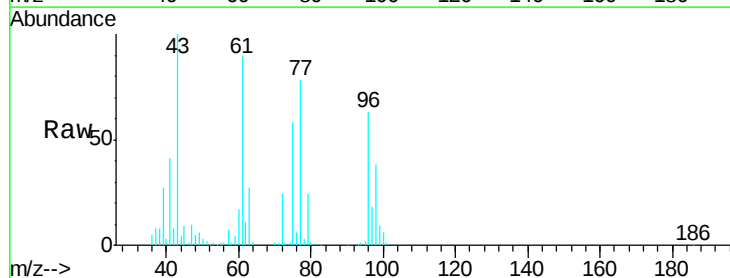
Acq: 18 Nov 2019 12:44

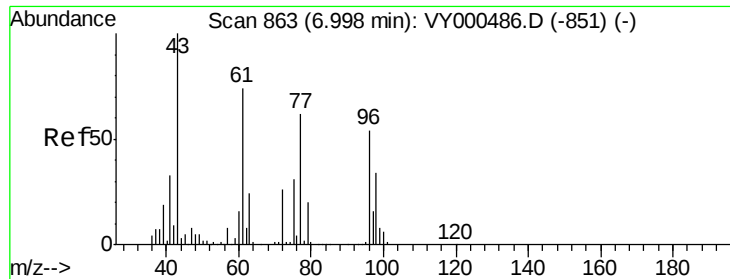
Tgt Ion: 77 Resp: 82773

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4



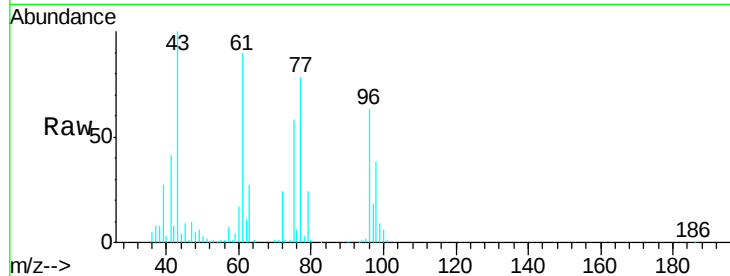


#27

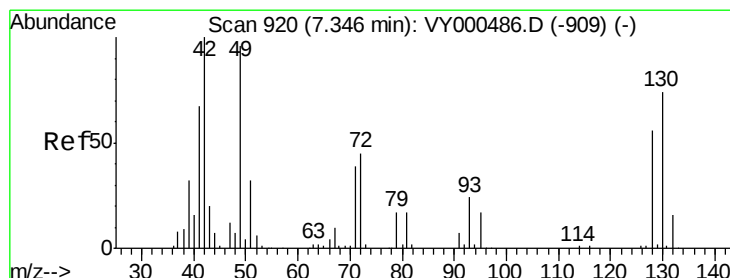
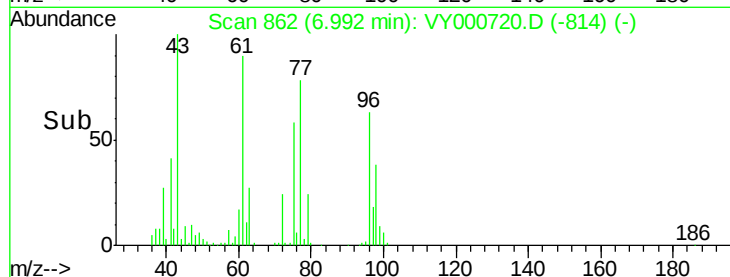
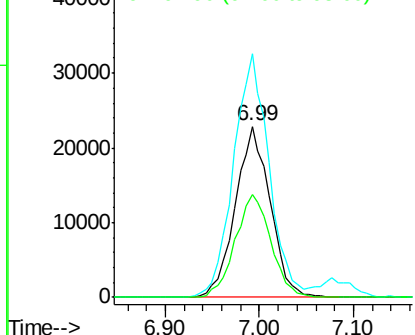
cis-1,2-Dichloroethene
Concen: 21.708 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

Tgt Ion: 96 Resp: 59087
Ion Ratio Lower Upper
96 100
61 145.2 0.0 287.0
98 61.7 0.0 129.4



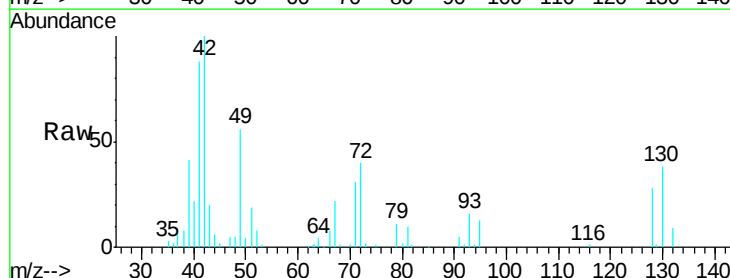
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



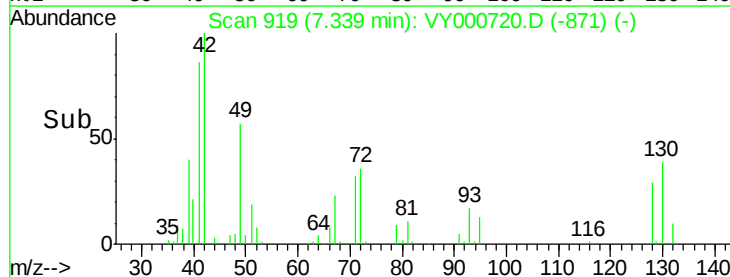
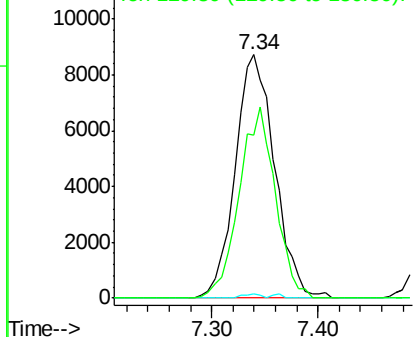
#28

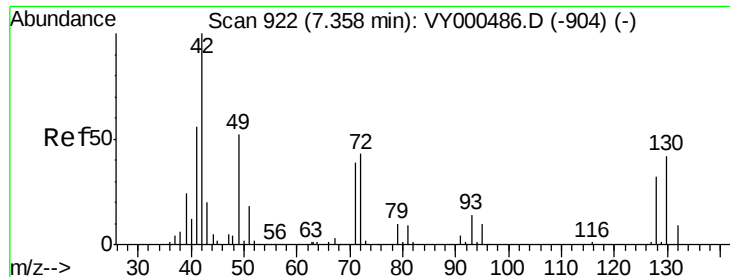
Bromochloromethane
Concen: 14.926 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 49 Resp: 22687
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.6
130 71.9 59.4 89.0



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

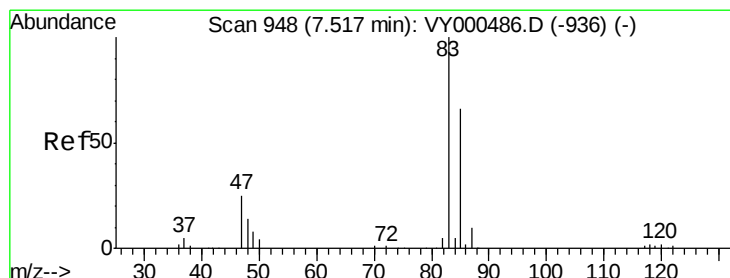
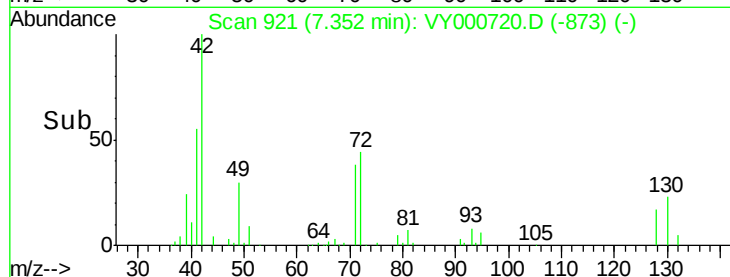
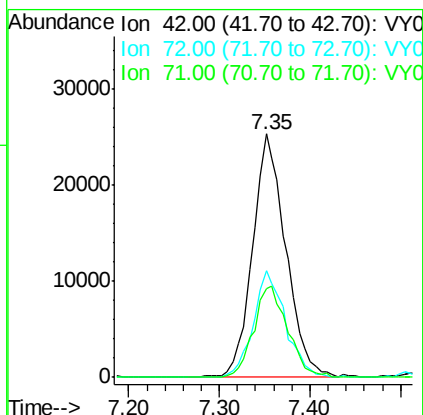
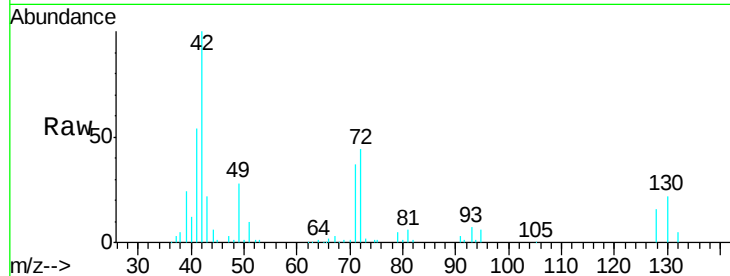




#29
Tetrahydrofuran
Concen: 104.341 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

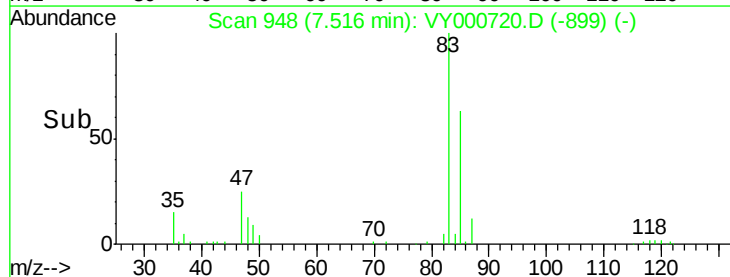
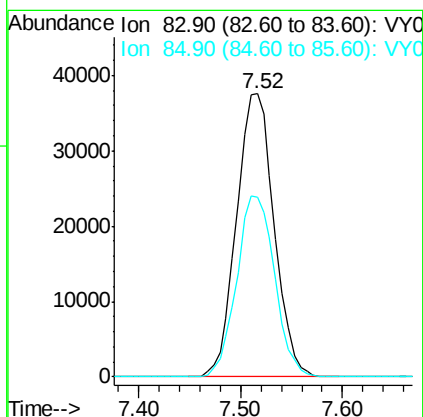
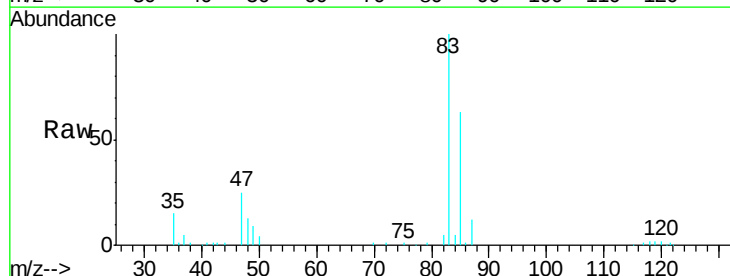
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

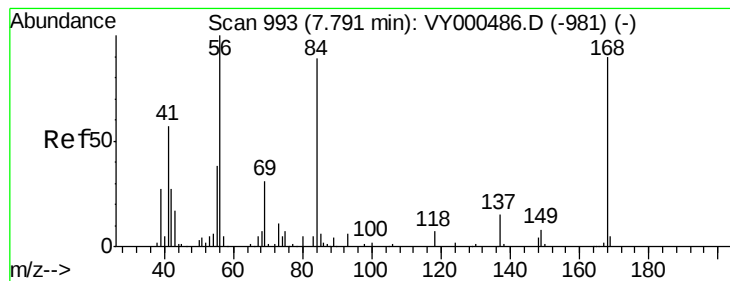
Tgt Ion: 42 Resp: 64048
Ion Ratio Lower Upper
42 100
72 42.1 34.0 51.0
71 38.3 30.8 46.2



#30
Chloroform
Concen: 22.501 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 83 Resp: 95961
Ion Ratio Lower Upper
83 100
85 63.3 53.0 79.4





#31

Cyclohexane

Concen: 20.819 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

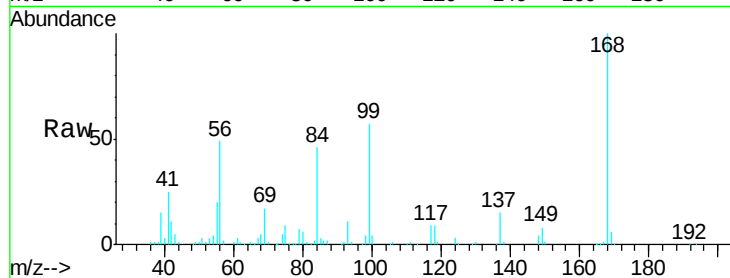
Tgt Ion: 56 Resp: 91928

Ion Ratio Lower Upper

56 100

69 34.2 25.0 37.6

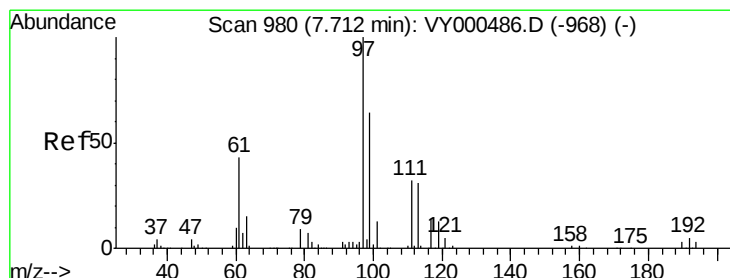
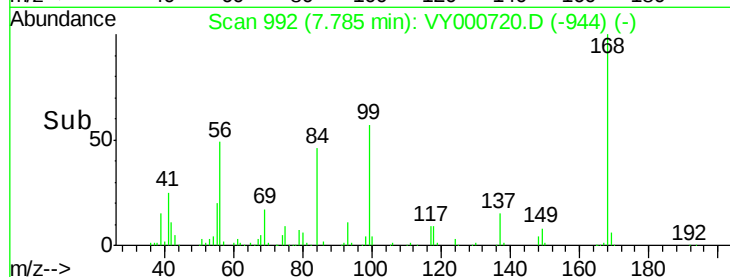
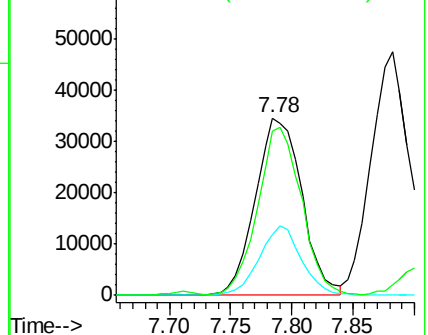
84 91.1 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.410 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

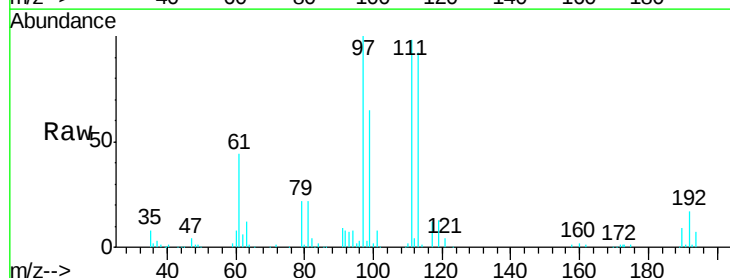
Tgt Ion: 97 Resp: 81378

Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

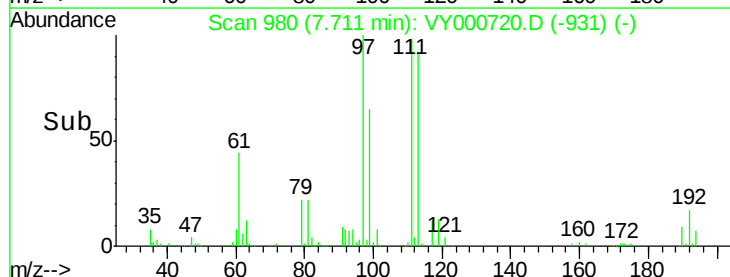
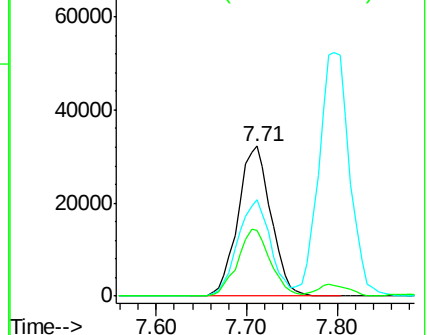
61 44.1 34.9 52.3



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

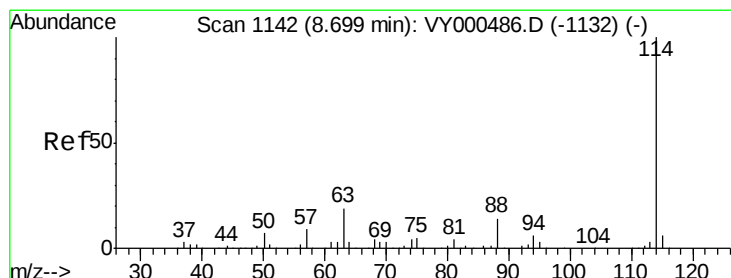
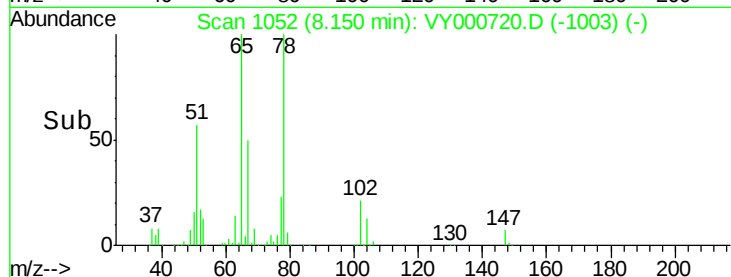
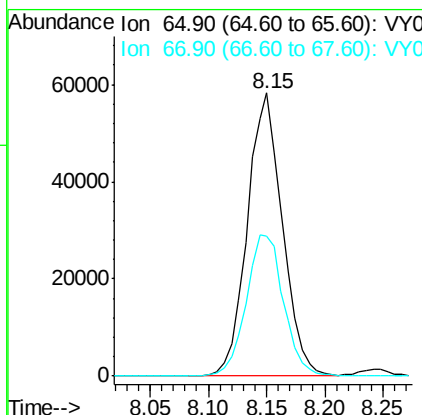
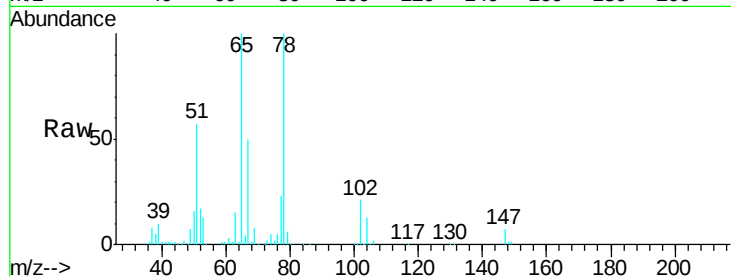




#33
 1,2-Dichloroethane-d4
 Concen: 53.573 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

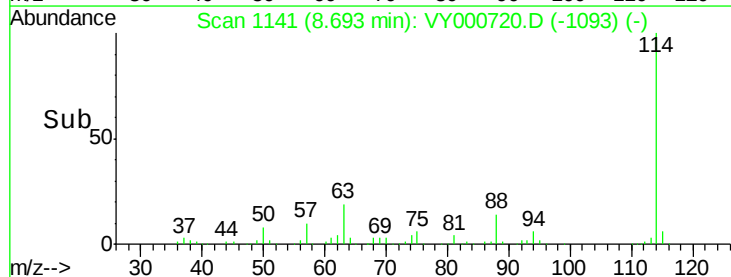
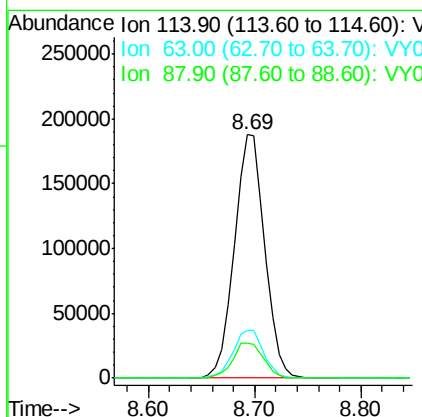
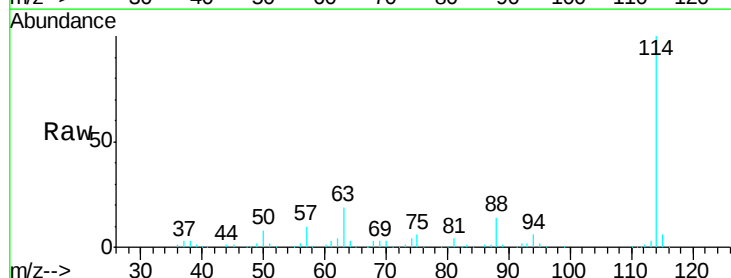
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

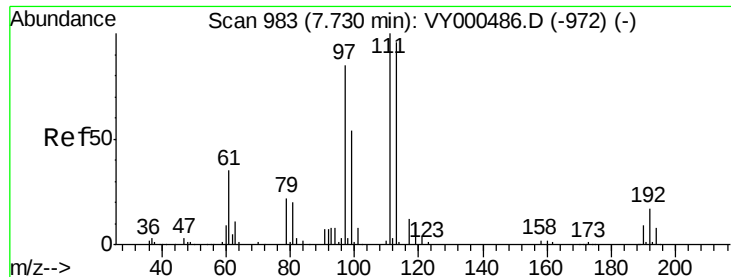
Tgt Ion: 65 Resp: 122209
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion: 114 Resp: 375530
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 14.3 0.0 28.6

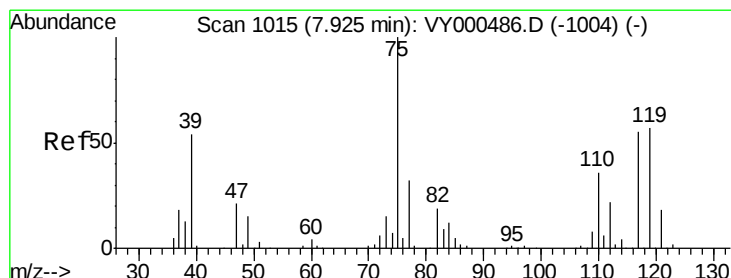
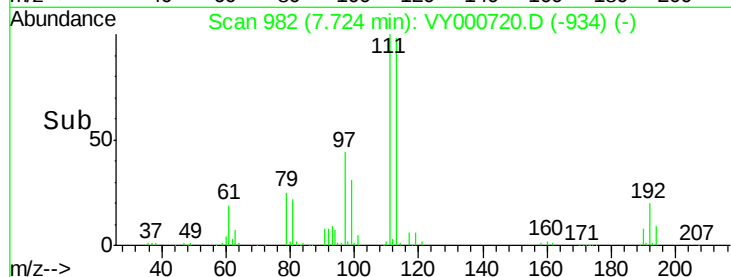
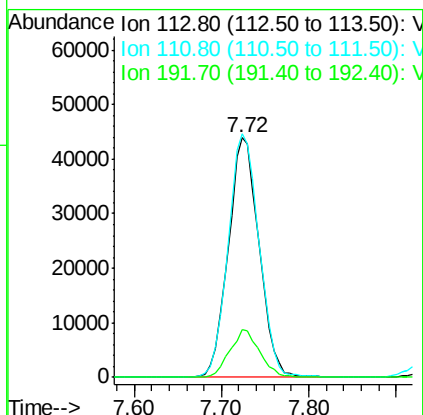
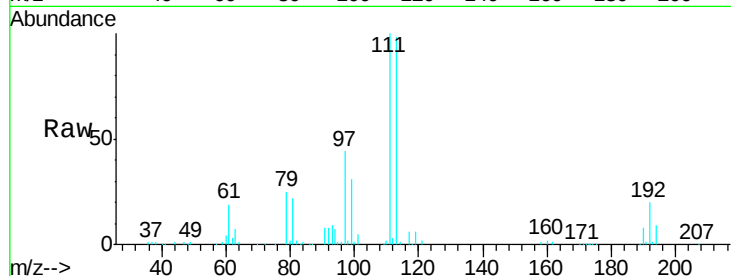




#35
 Dibromofluoromethane
 Concen: 48.859 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

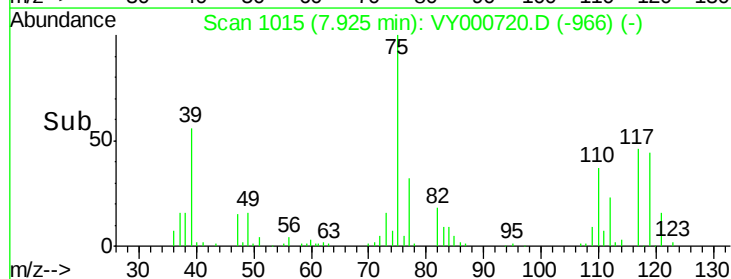
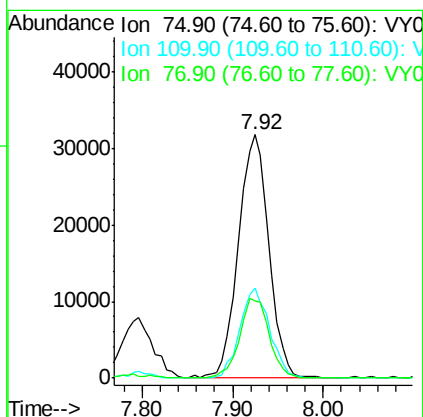
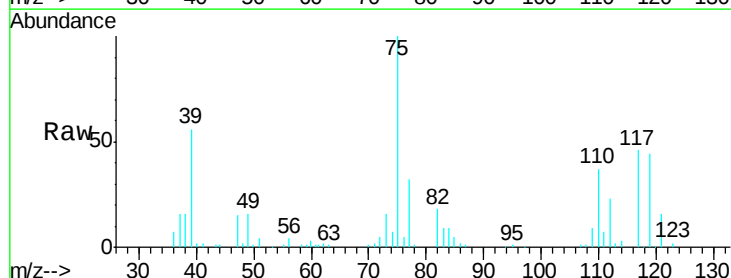
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

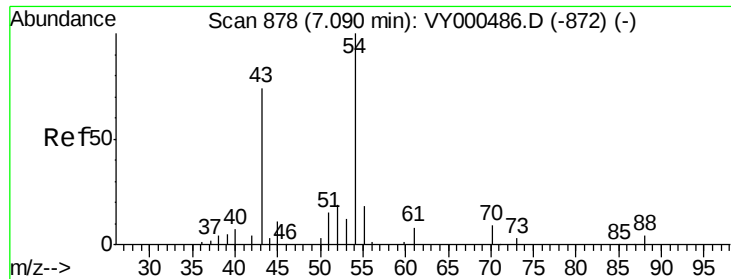
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	19.1	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 20.848 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	31.7	25.0	37.6





#37

Ethyl Acetate

Concen: 21.044 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

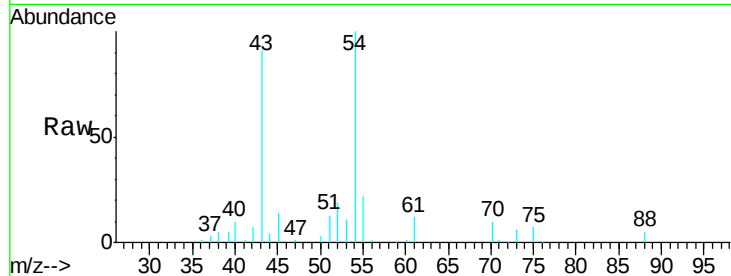
Tgt Ion: 43 Resp: 44354

Ion Ratio Lower Upper

43 100

61 12.6 10.2 15.2

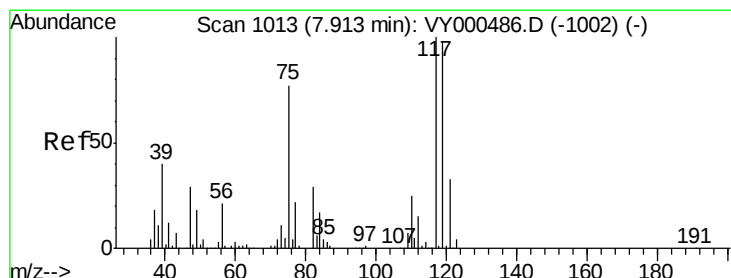
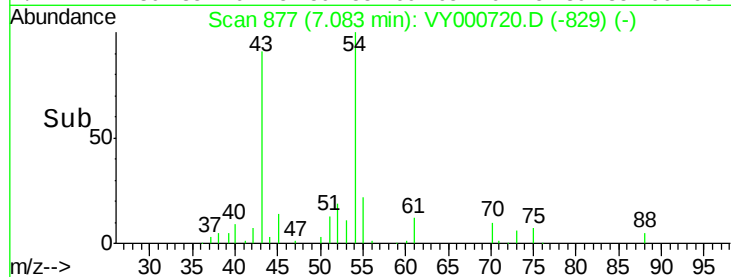
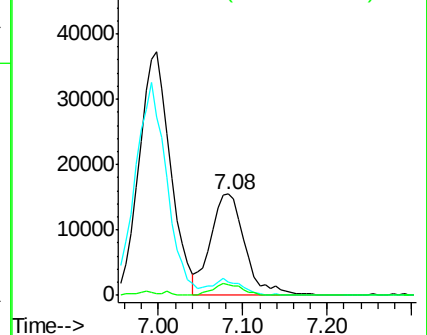
70 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY000720.D (-872) (-)

Ion 60.90 (60.60 to 61.60): VY000720.D (-872) (-)

Ion 70.00 (69.70 to 70.70): VY000720.D (-872) (-)



#38

Carbon Tetrachloride

Concen: 20.601 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

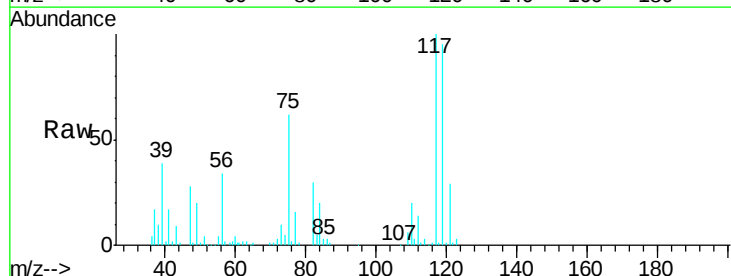
Tgt Ion: 117 Resp: 70372

Ion Ratio Lower Upper

117 100

119 94.8 78.0 117.0

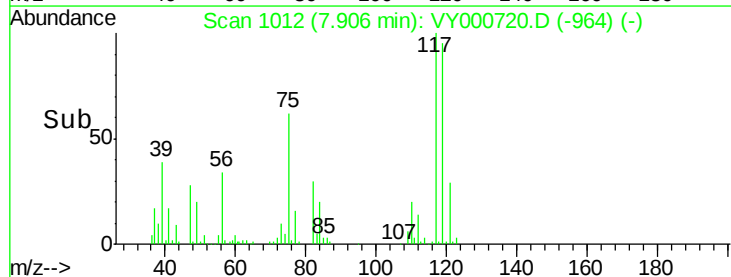
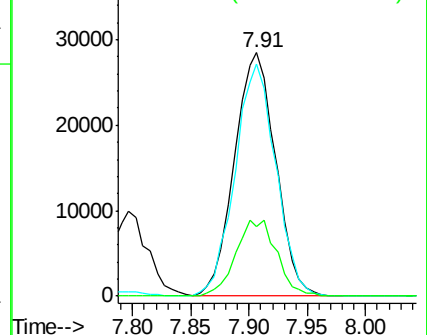
121 28.5 26.6 40.0



Abundance Ion 116.80 (116.50 to 117.50): VY000720.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000720.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000720.D (-964) (-)

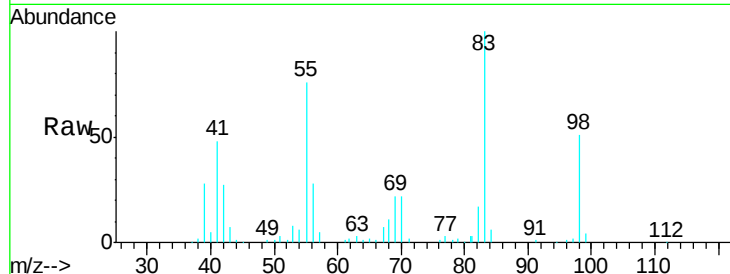




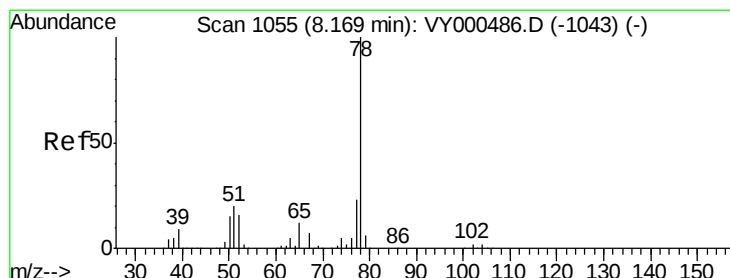
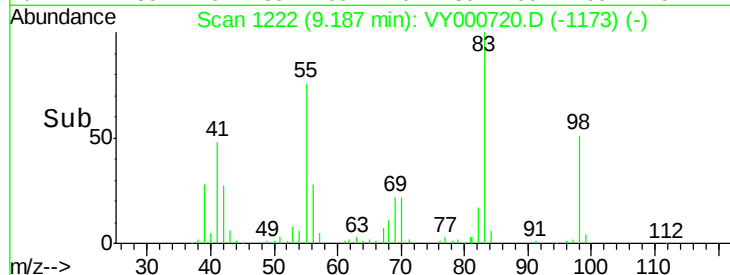
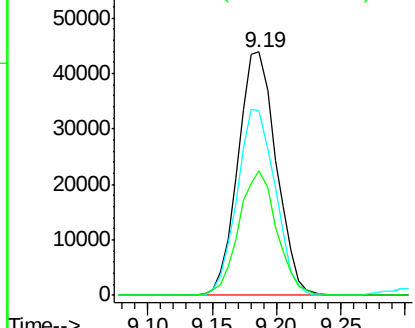
#39
Methylcyclohexane
Concen: 19.734 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

Tgt Ion: 83 Resp: 90507
Ion Ratio Lower Upper
83 100
55 76.0 57.5 86.3
98 51.4 38.0 57.0

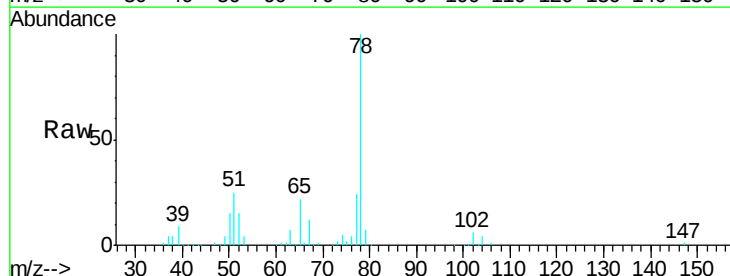


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

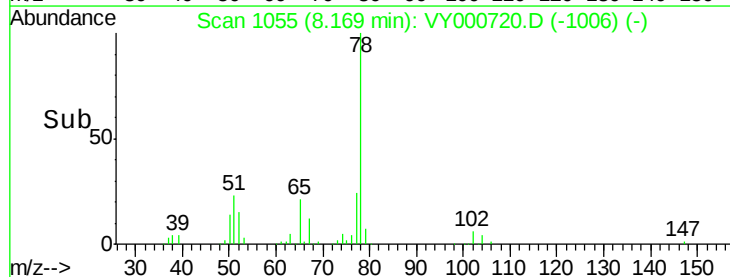
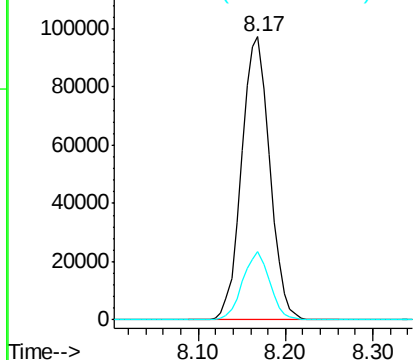


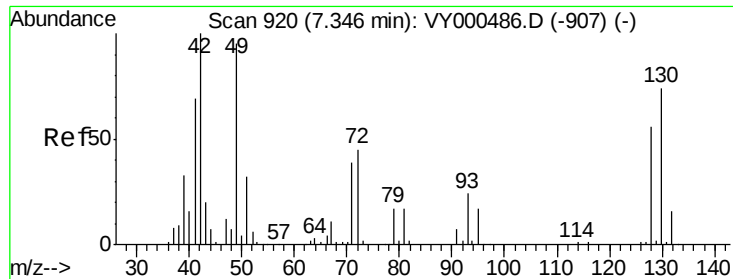
#40
Benzene
Concen: 20.857 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 78 Resp: 217084
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0



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

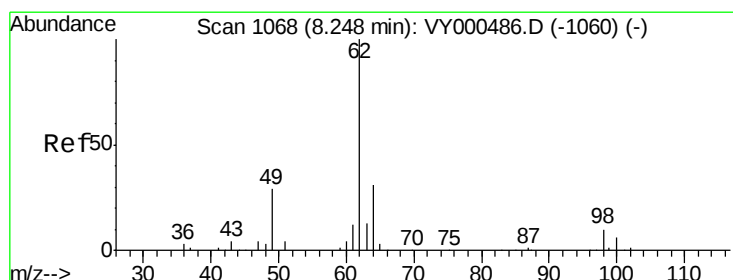
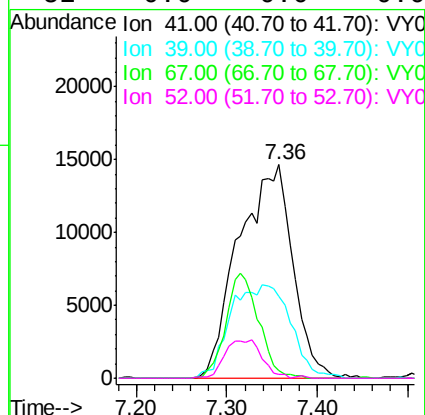
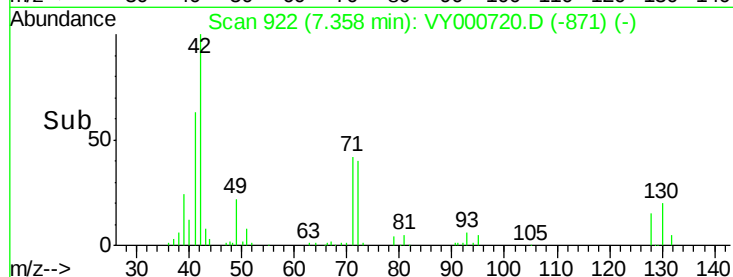
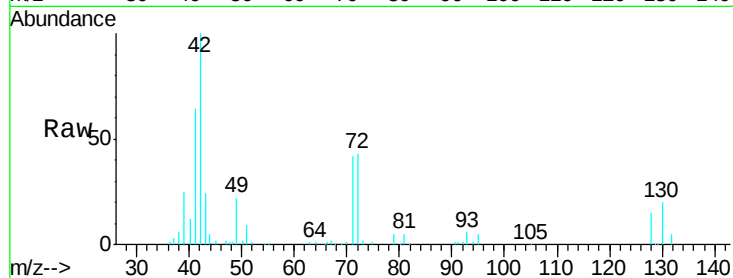




#41
Methacrylonitrile
Concen: 51.083 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

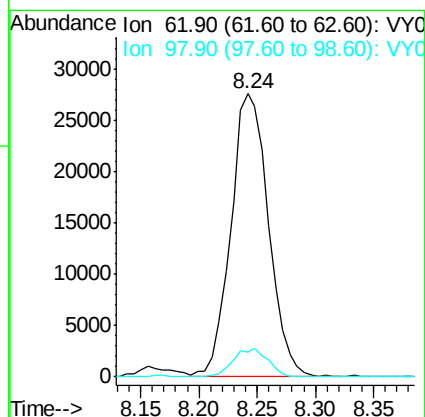
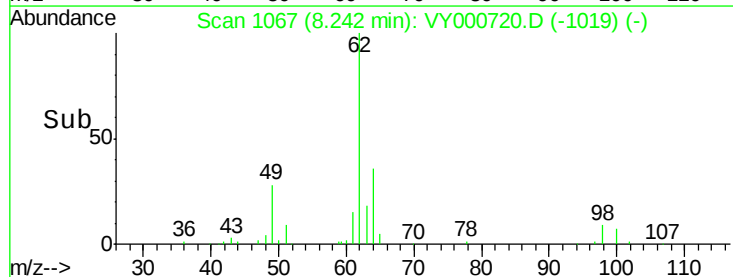
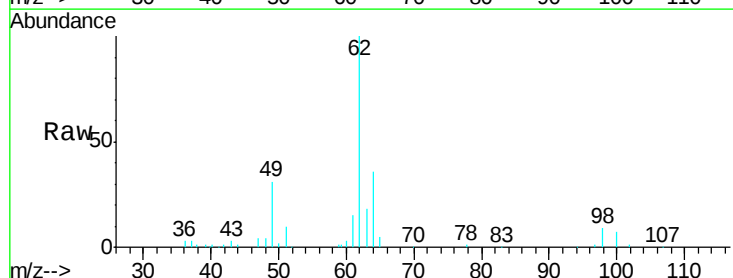
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

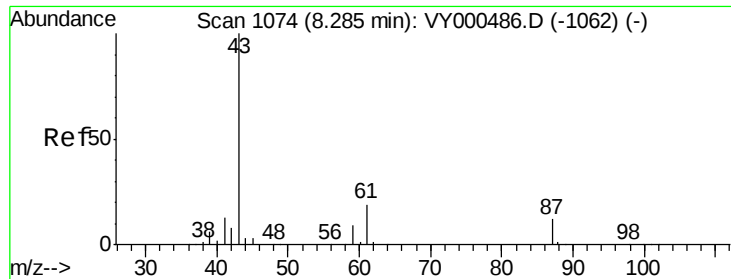
Tgt Ion: 41 Resp: 60063
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.064 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 62 Resp: 62181
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2

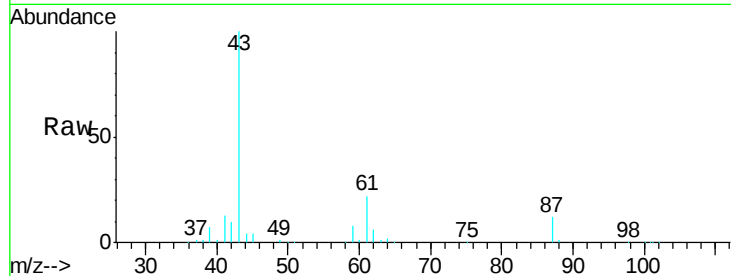




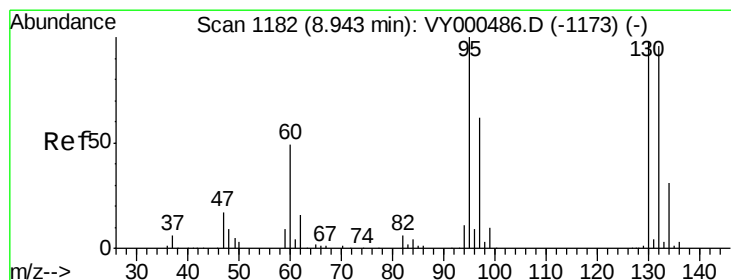
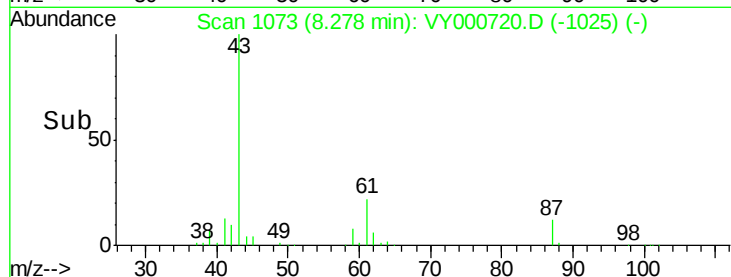
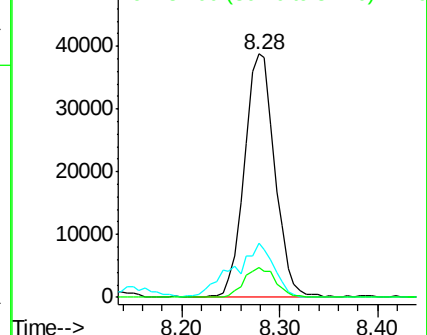
#43
Isopropyl Acetate
Concen: 21.196 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

Tgt Ion: 43 Resp: 83923
Ion Ratio Lower Upper
43 100
61 29.5 23.0 34.4
87 12.5 10.5 15.7

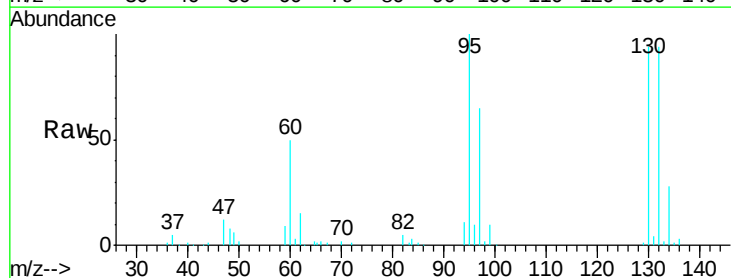


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

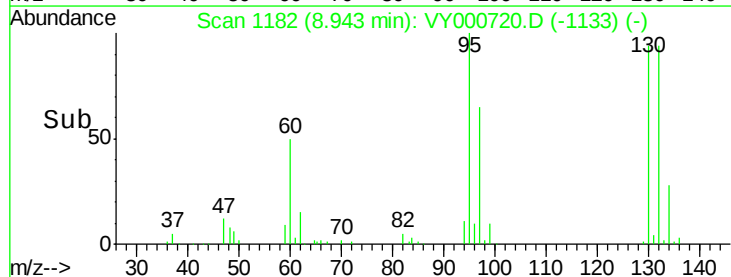
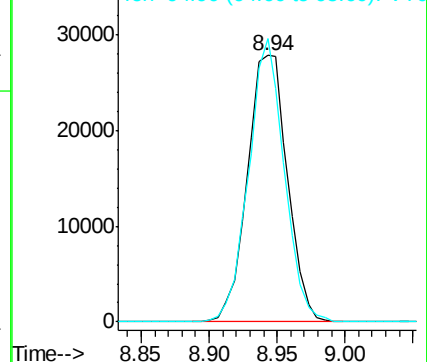


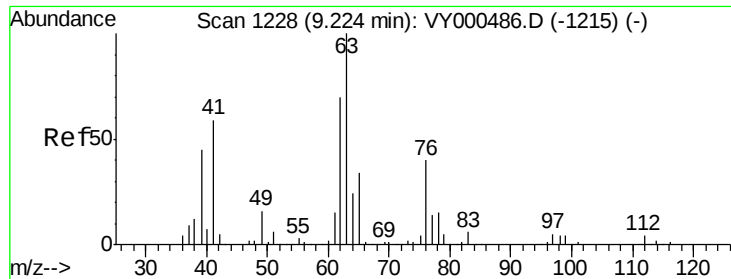
#44
Trichloroethene
Concen: 20.981 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 130 Resp: 57576
Ion Ratio Lower Upper
130 100
95 106.3 0.0 203.2



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

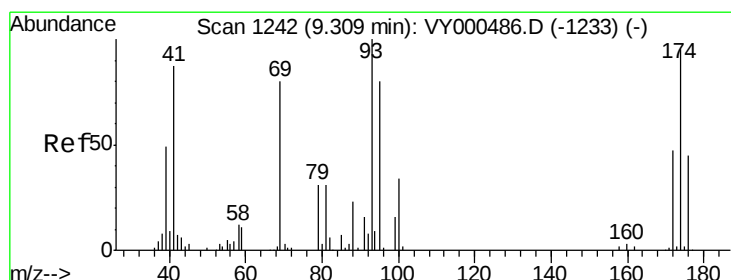
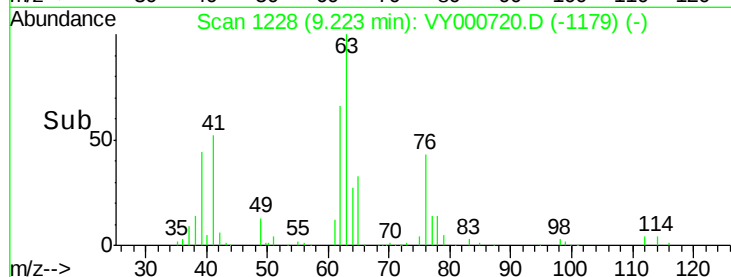
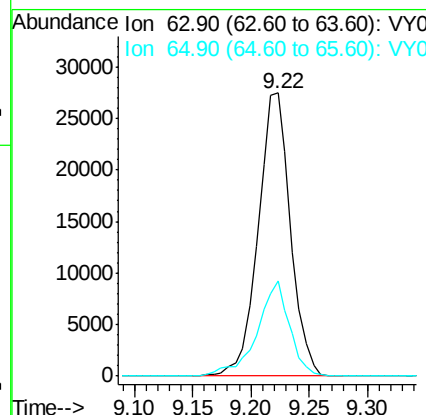
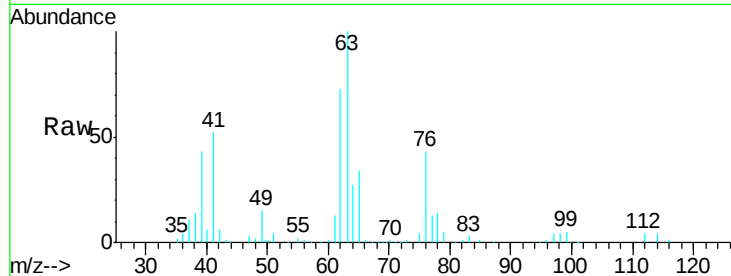




#45
 1,2-Dichloropropane
 Concen: 20.697 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

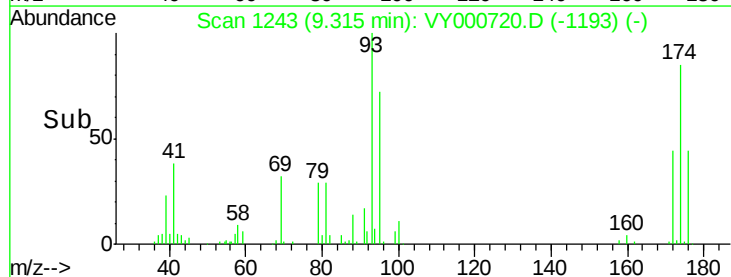
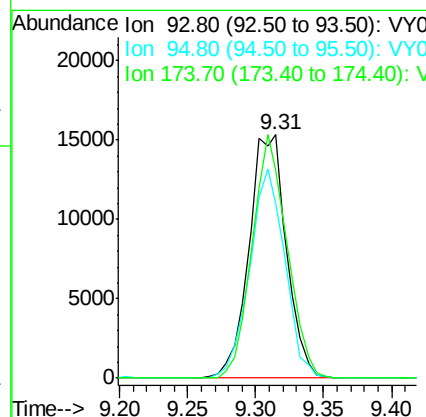
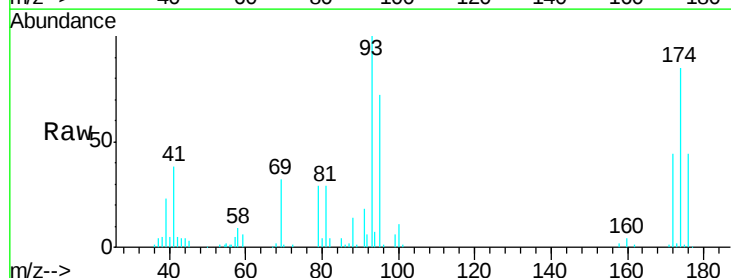
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

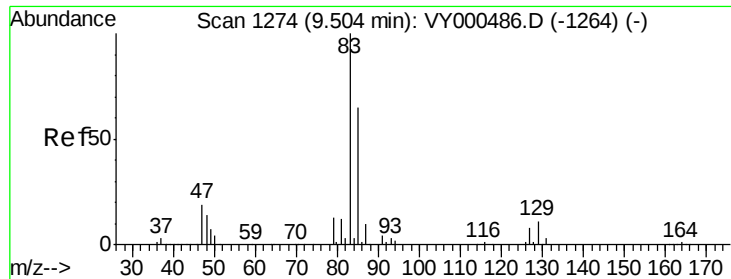
Tgt Ion: 63 Resp: 53018
 Ion Ratio Lower Upper
 63 100
 65 33.7 27.0 40.4



#46
 Dibromomethane
 Concen: 21.021 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion: 93 Resp: 29614
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.4 99.6
 174 93.0 77.1 115.7





#47

Bromodichloromethane

Concen: 21.224 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

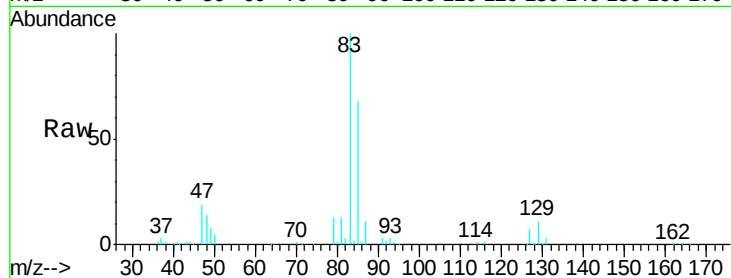
Tgt Ion: 83 Resp: 70948

Ion Ratio Lower Upper

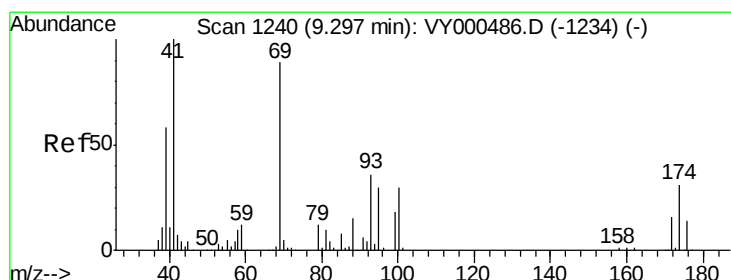
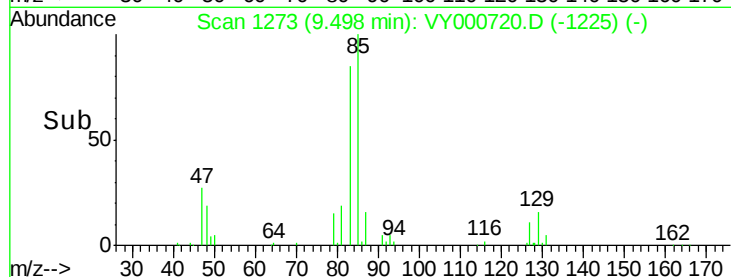
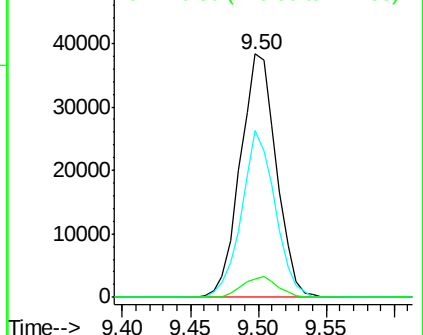
83 100

85 68.3 51.8 77.8

127 7.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 20.864 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

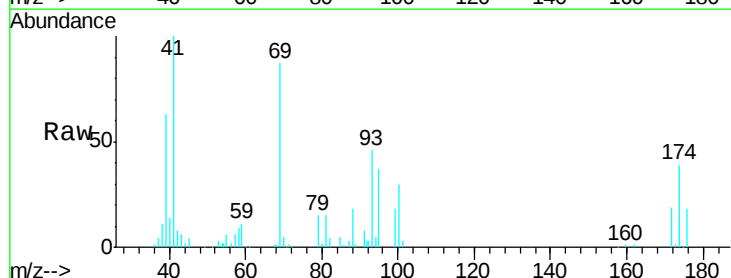
Tgt Ion: 41 Resp: 36093

Ion Ratio Lower Upper

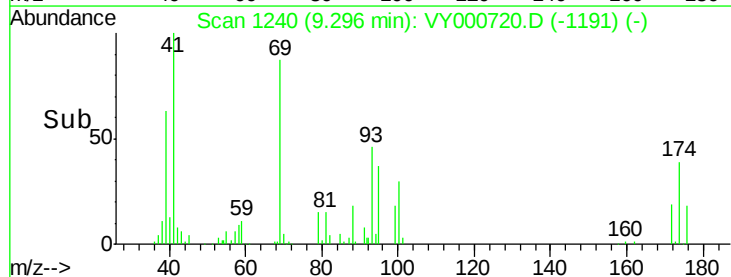
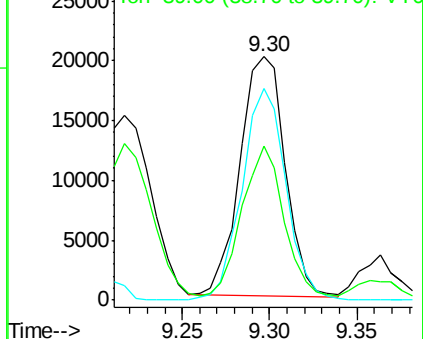
41 100

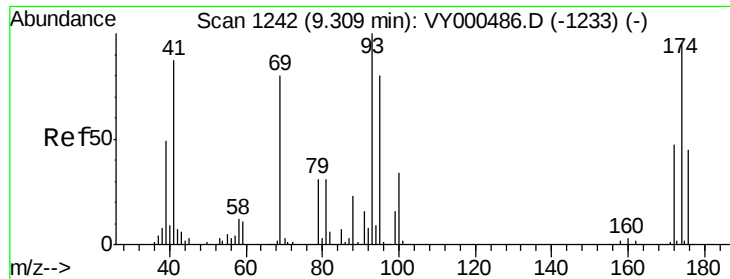
69 86.1 72.5 108.7

39 61.9 47.8 71.8



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





#49

1,4-Dioxane

Concen: 403.320 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

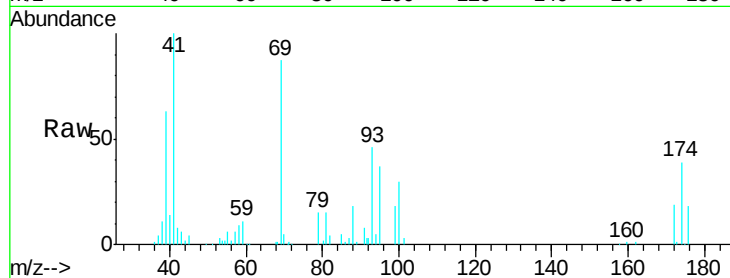
Tgt Ion: 88 Resp: 7647

Ion Ratio Lower Upper

88 100

43 29.8 25.1 37.7

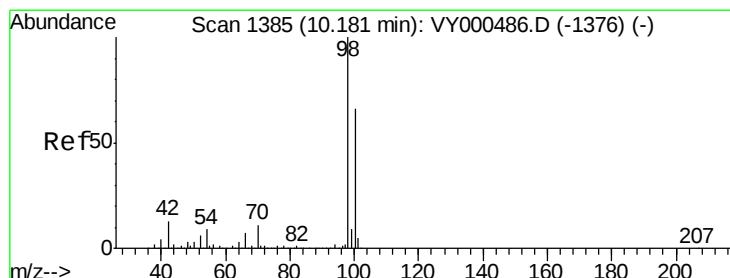
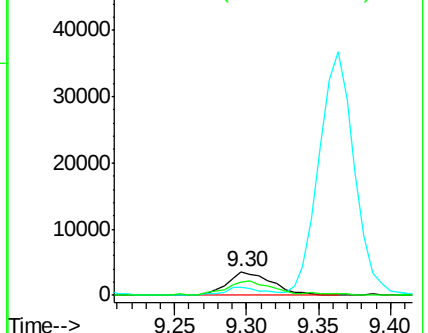
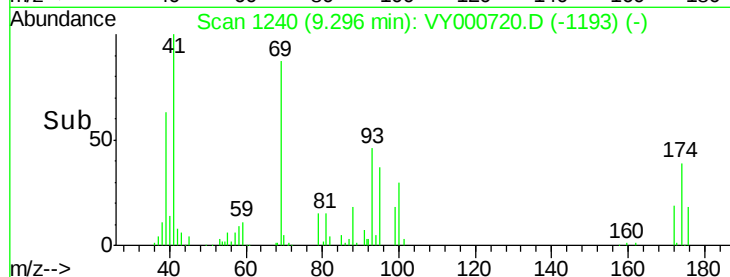
58 69.2 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 52.245 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000720.D

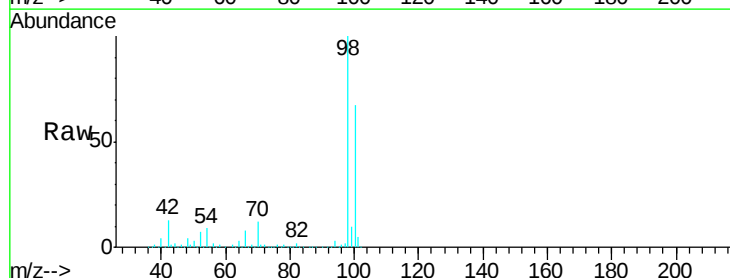
Acq: 18 Nov 2019 12:44

Tgt Ion: 98 Resp: 437045

Ion Ratio Lower Upper

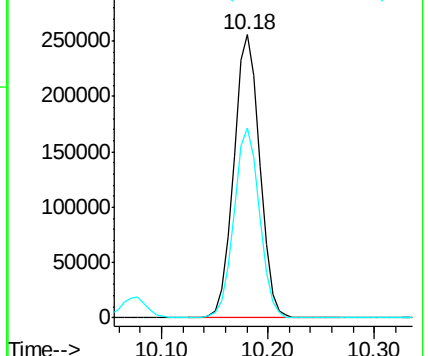
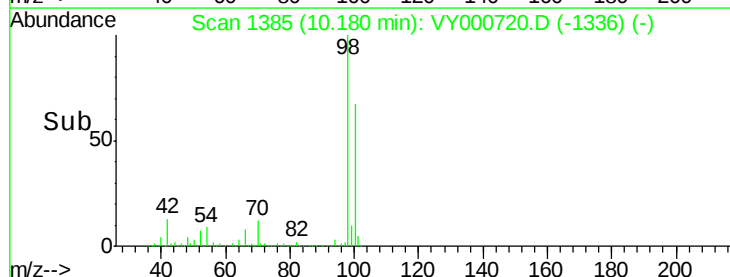
98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

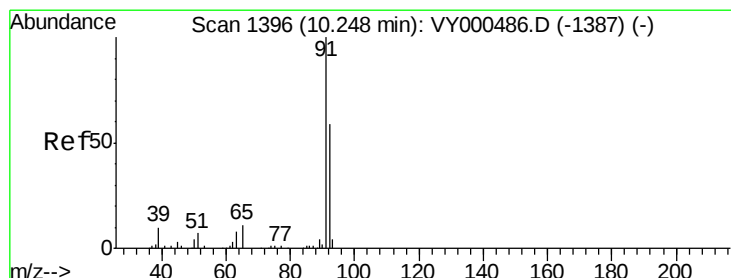
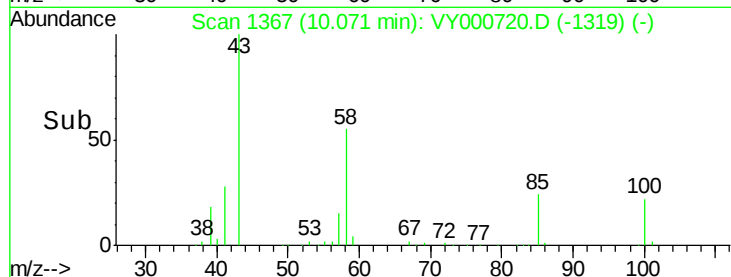
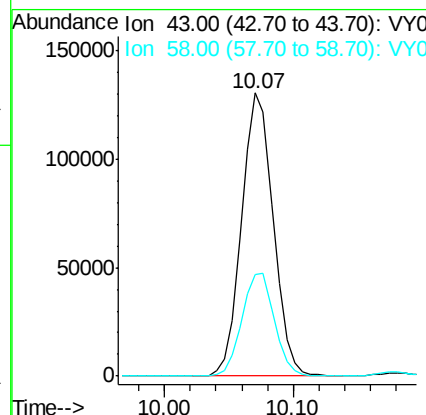
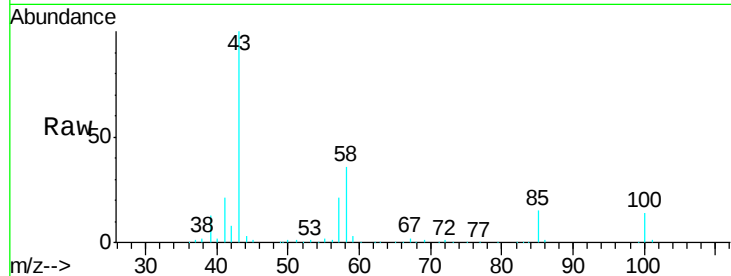




#51
4-Methyl-2-Pentanone
Concen: 104.828 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

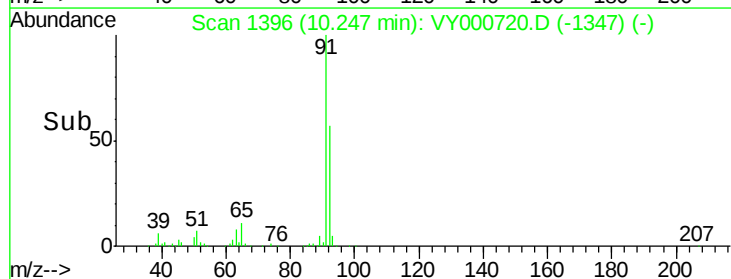
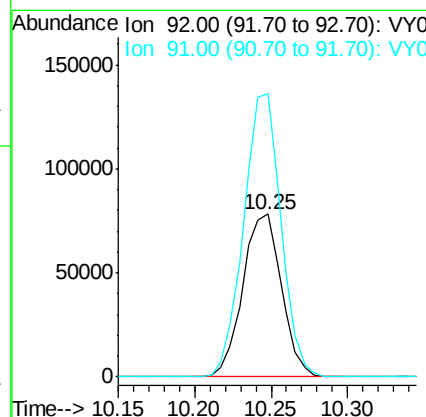
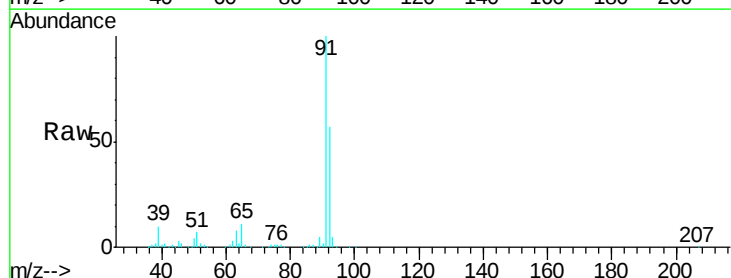
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

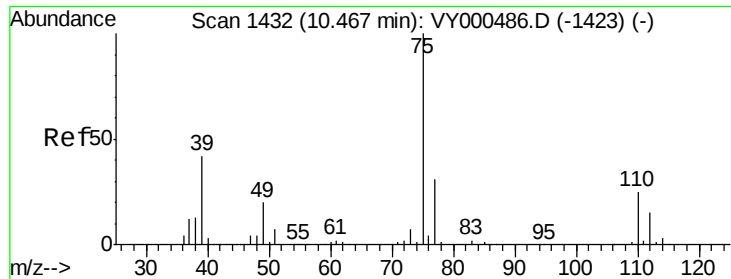
Tgt Ion: 43 Resp: 220670
Ion Ratio Lower Upper
43 100
58 37.3 30.2 45.4



#52
Toluene
Concen: 20.908 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 92 Resp: 137579
Ion Ratio Lower Upper
92 100
91 168.0 136.3 204.5

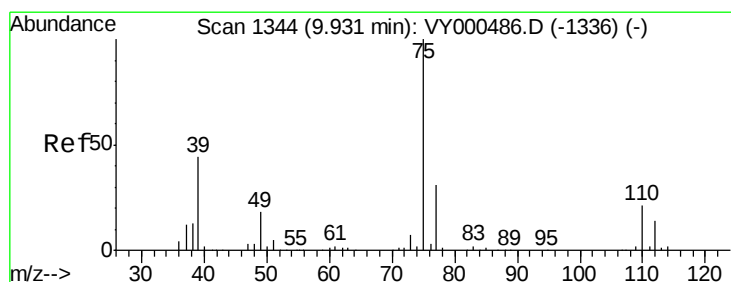
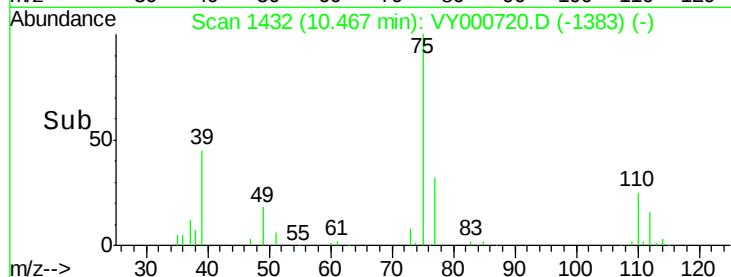
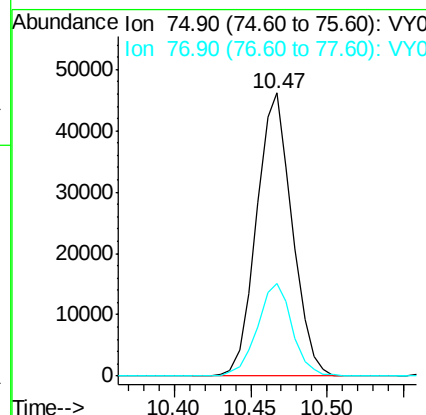
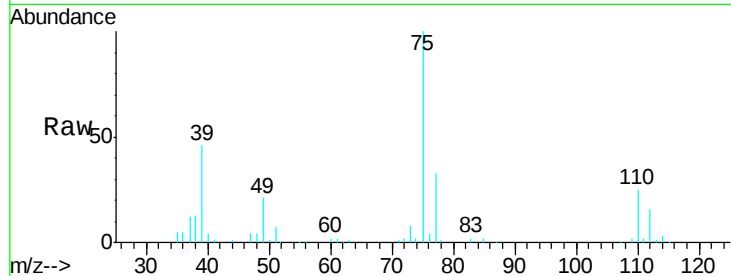




#53
 t-1,3-Dichloropropene
 Concen: 20.899 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

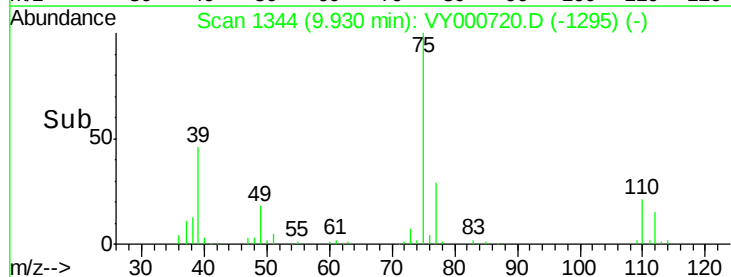
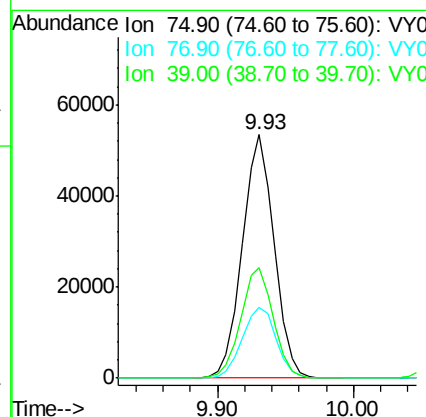
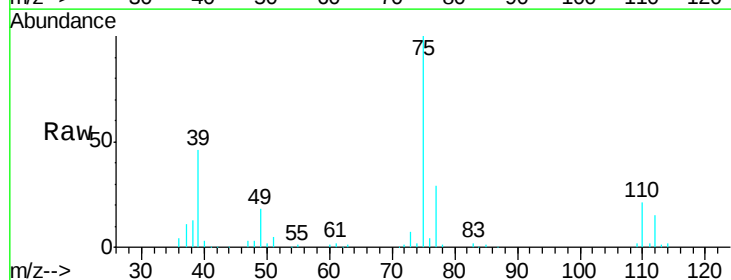
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

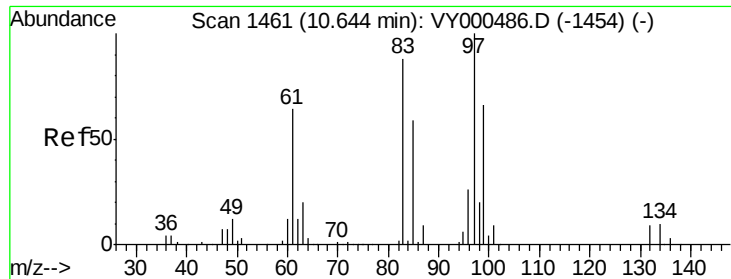
Tgt Ion: 75 Resp: 74647
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.345 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion: 75 Resp: 87340
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.5 36.7
 39 45.5 35.4 53.2

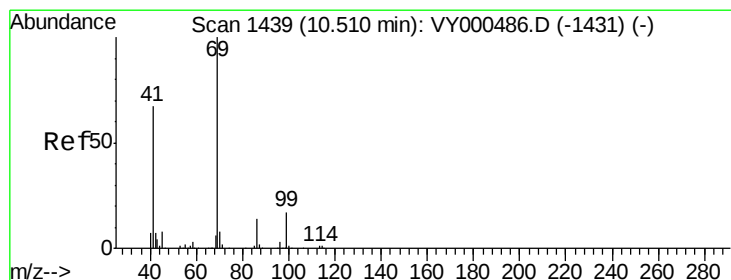
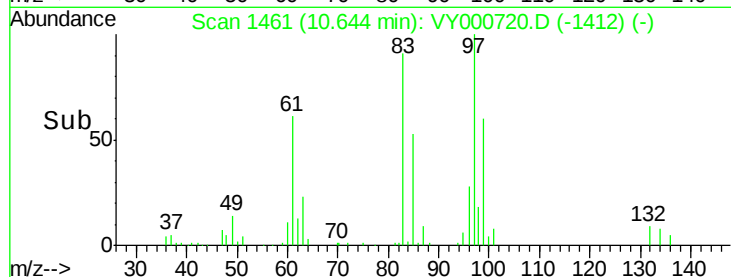
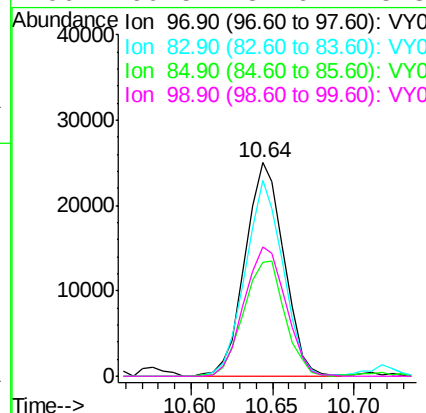
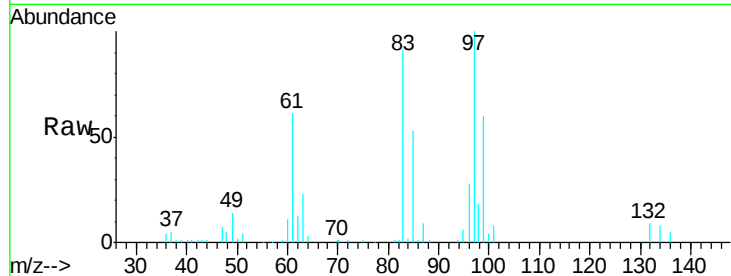




#55
 1,1,2-Trichloroethane
 Concen: 20.432 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

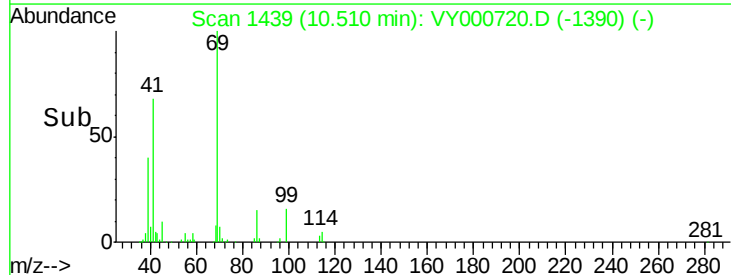
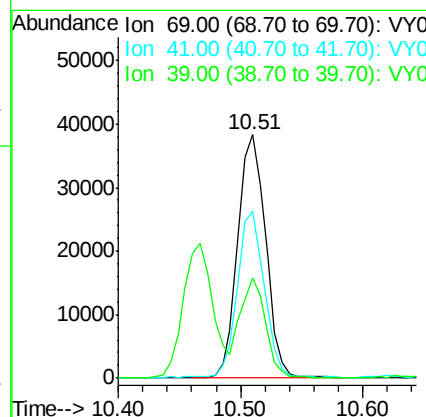
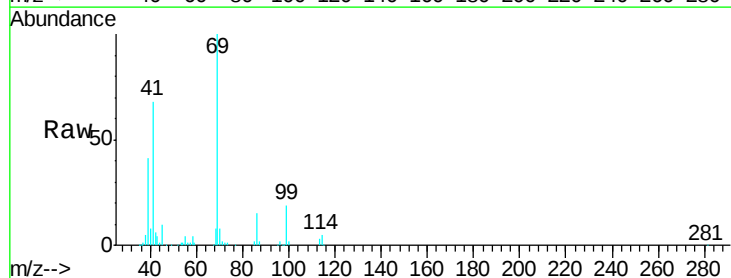
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

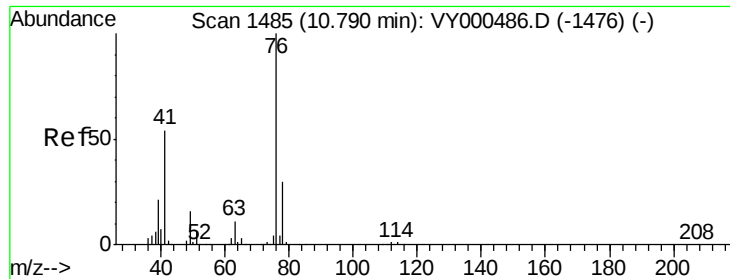
Tgt Ion: 97 Resp: 41633
 Ion Ratio Lower Upper
 97 100
 83 91.4 70.2 105.4
 85 53.3 46.9 70.3
 99 60.5 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 20.934 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion: 69 Resp: 60457
 Ion Ratio Lower Upper
 69 100
 41 67.5 53.3 79.9
 39 37.1 28.0 42.0





#57

1,3-Dichloropropane

Concen: 20.962 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

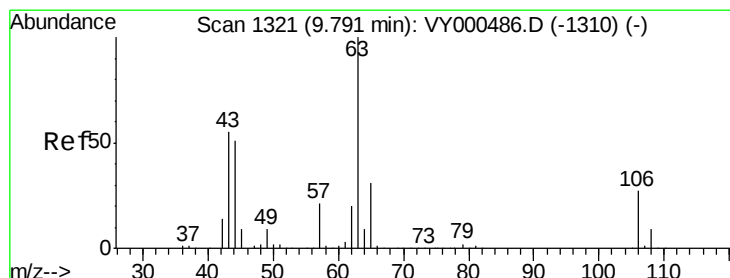
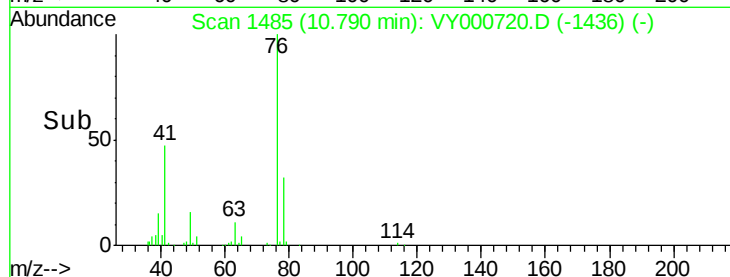
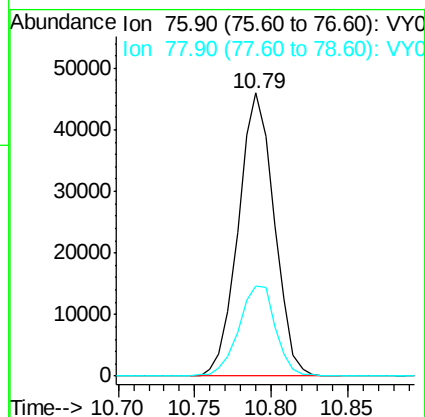
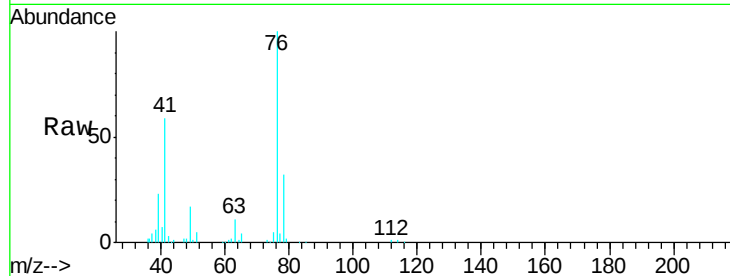
VY1118SBS01

Tgt Ion: 76 Resp: 74758

Ion Ratio Lower Upper

76 100

78 32.7 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.977 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000720.D

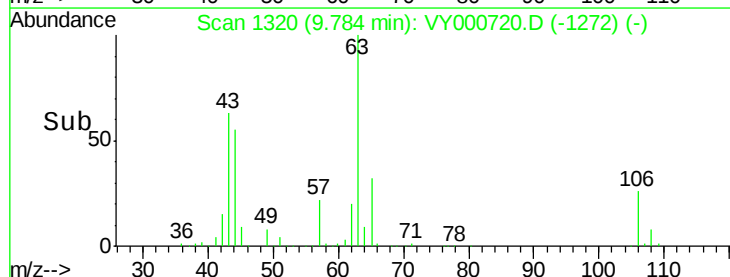
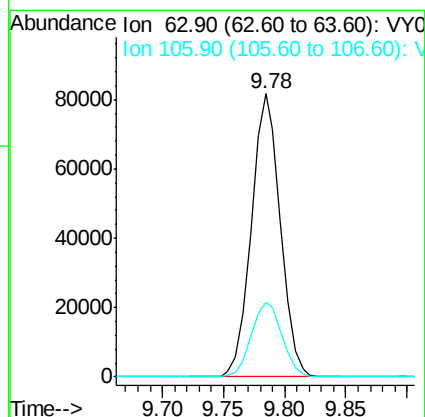
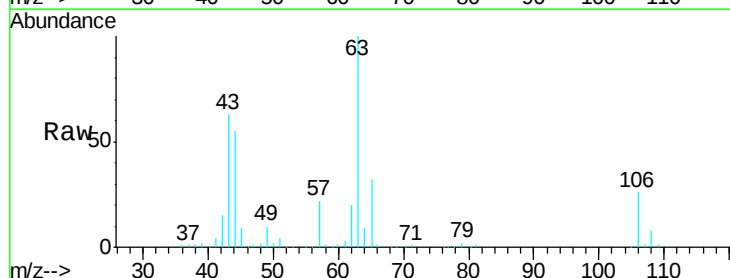
Acq: 18 Nov 2019 12:44

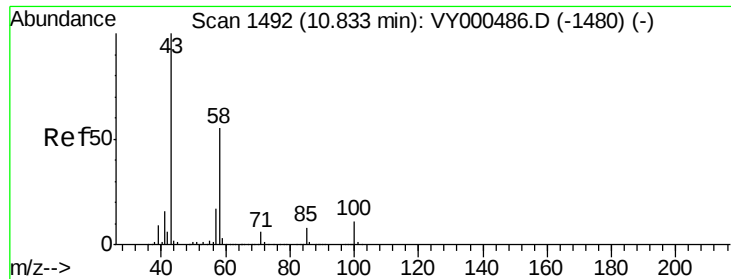
Tgt Ion: 63 Resp: 134451

Ion Ratio Lower Upper

63 100

106 27.9 22.6 33.8

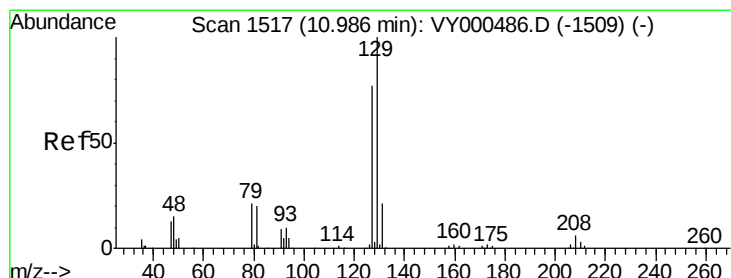
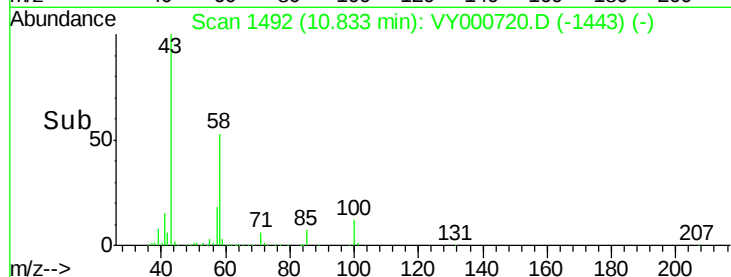
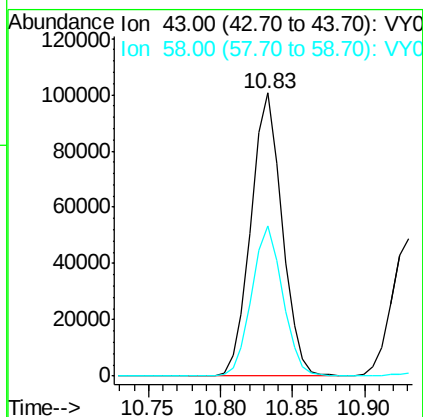
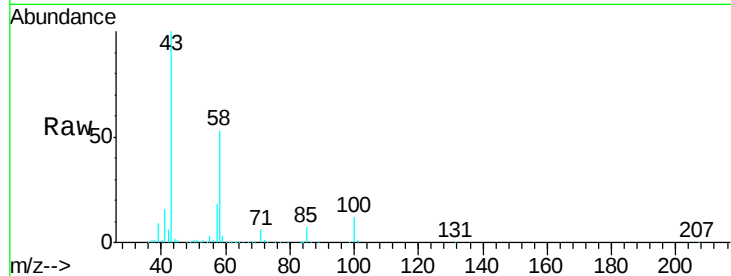




#59
2-Hexanone
Concen: 98.186 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

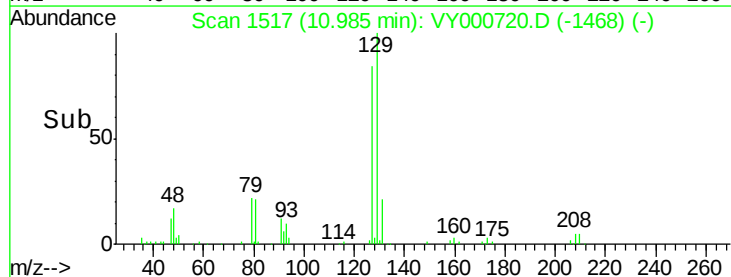
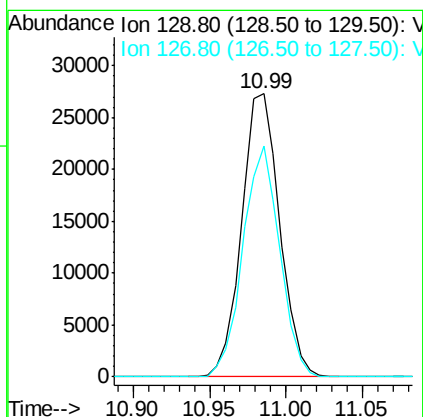
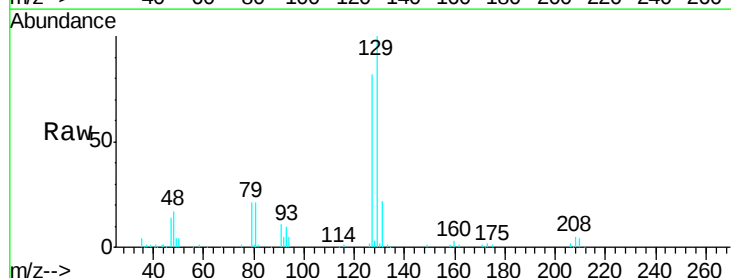
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

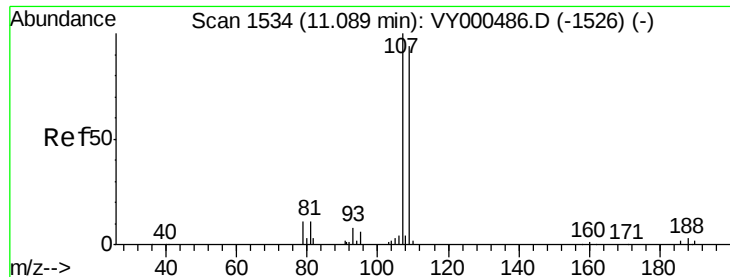
Tgt Ion: 43 Resp: 150592
Ion Ratio Lower Upper
43 100
58 52.8 27.1 81.3



#60
Dibromochloromethane
Concen: 20.182 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 129 Resp: 47103
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.916 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

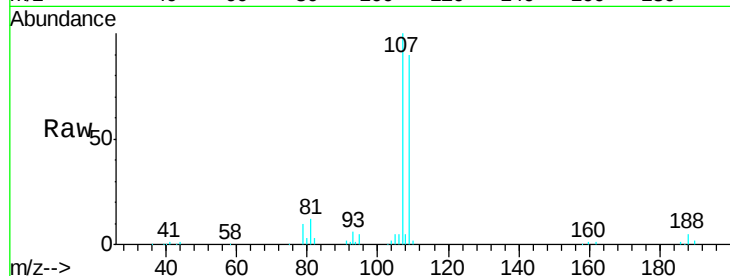
VY1118SBS01

Tgt Ion: 107 Resp: 40978

Ion Ratio Lower Upper

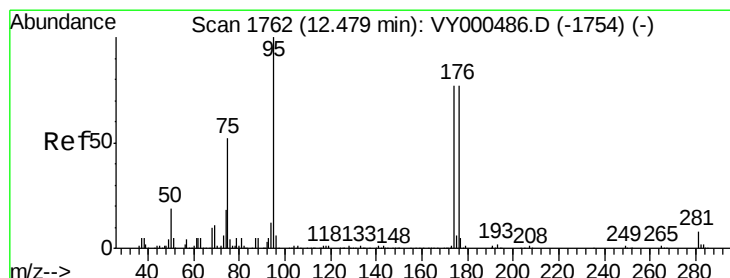
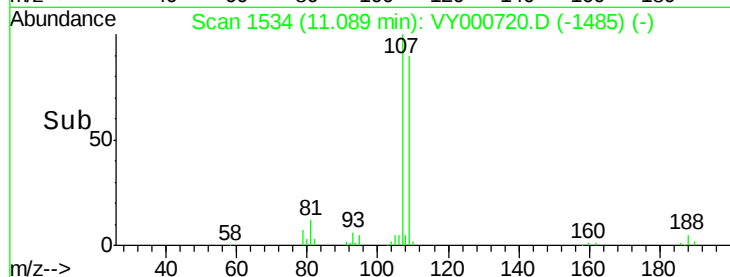
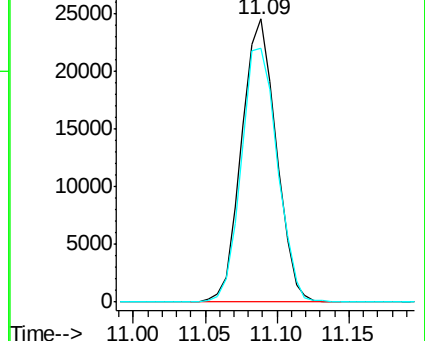
107 100

109 93.5 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.672 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

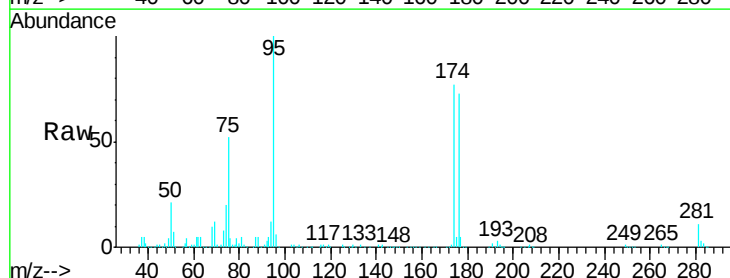
Tgt Ion: 95 Resp: 155003

Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.6

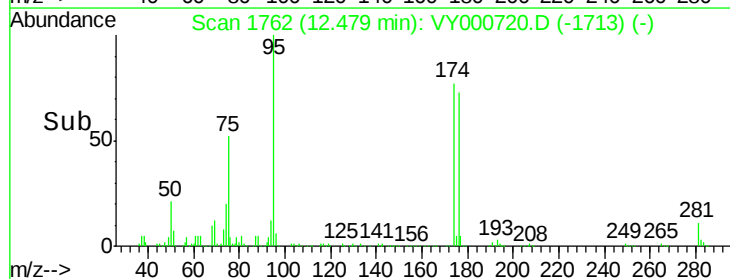
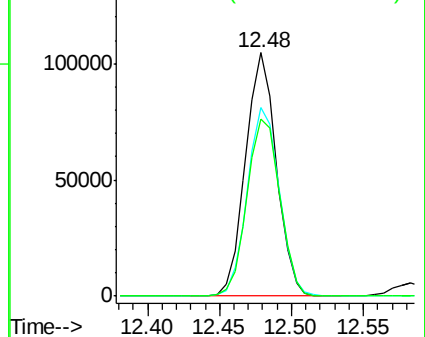
176 77.4 0.0 157.8

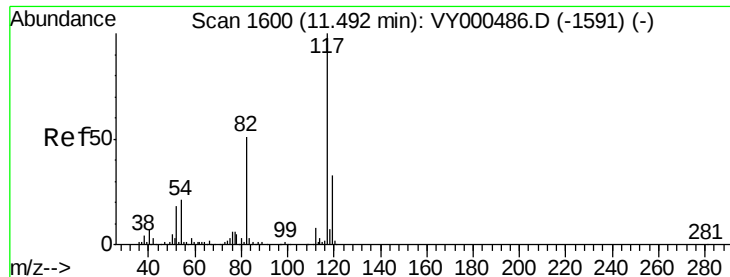


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

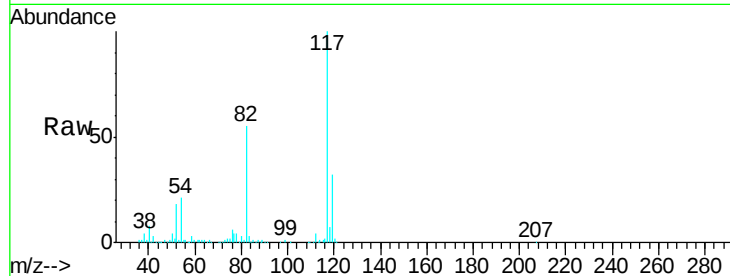




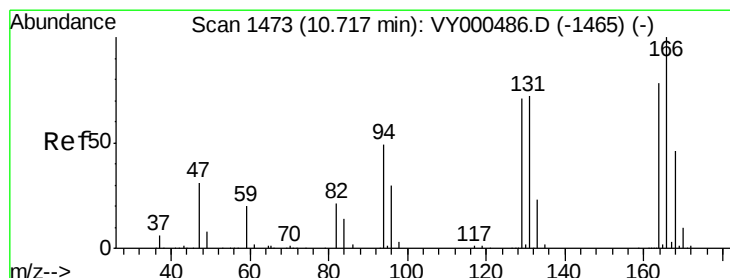
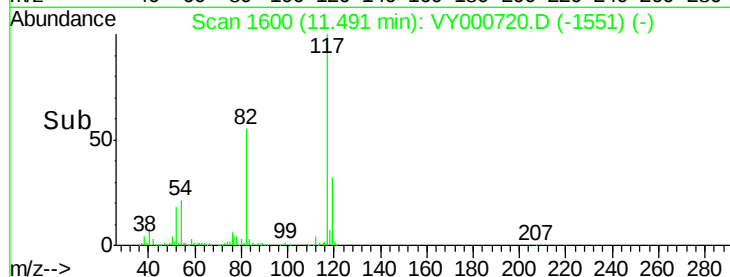
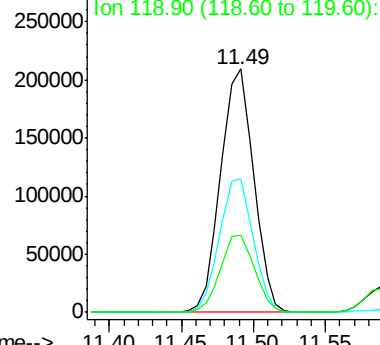
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

Tgt Ion:117 Resp: 333586
Ion Ratio Lower Upper
117 100
82 54.8 40.8 61.2
119 31.6 26.2 39.2

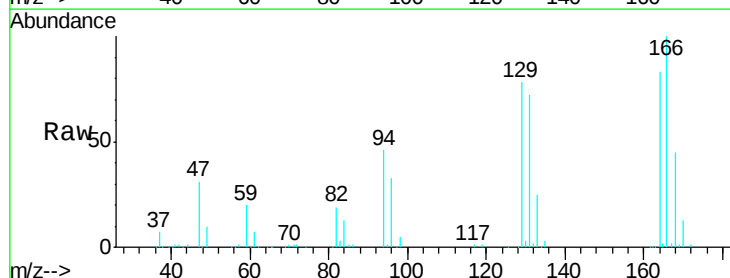


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

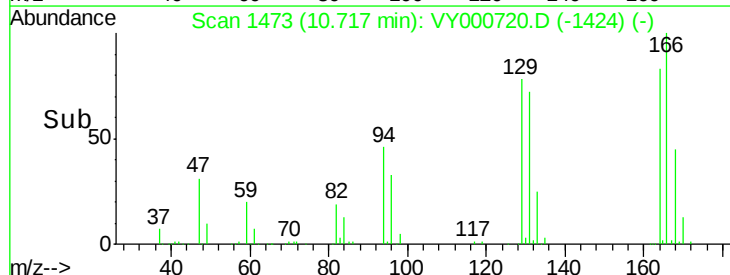
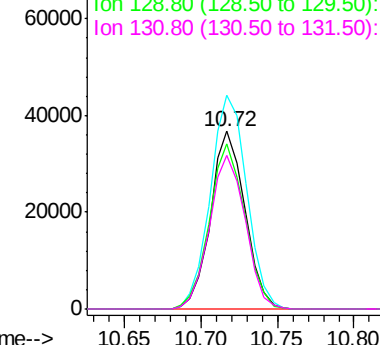


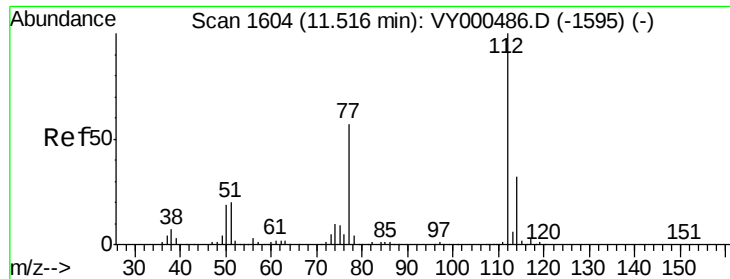
#64
Tetrachloroethene
Concen: 20.809 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion:164 Resp: 57399
Ion Ratio Lower Upper
164 100
166 120.3 102.7 154.1
129 93.4 73.2 109.8
131 86.6 74.2 111.2



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

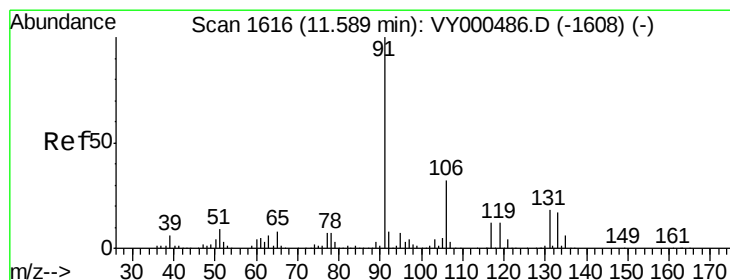
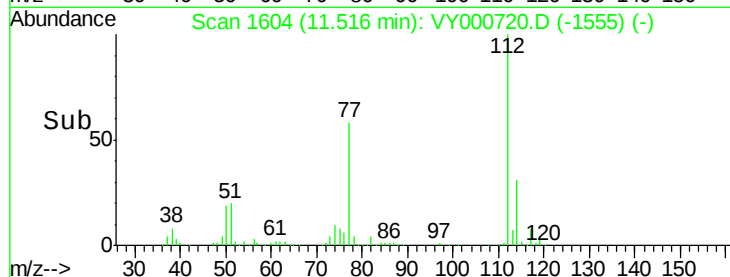
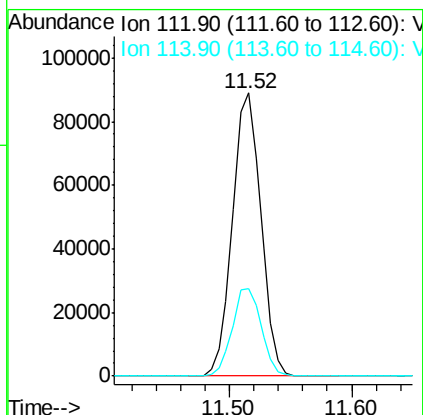
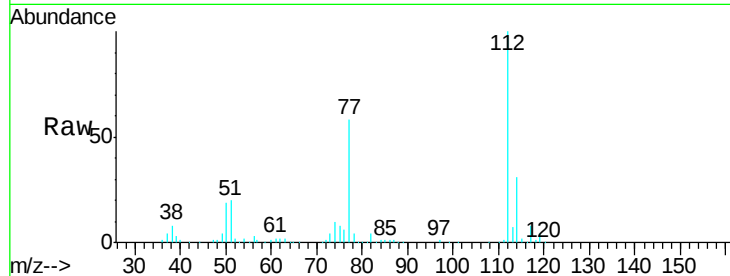




#65
Chlorobenzene
Concen: 21.173 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

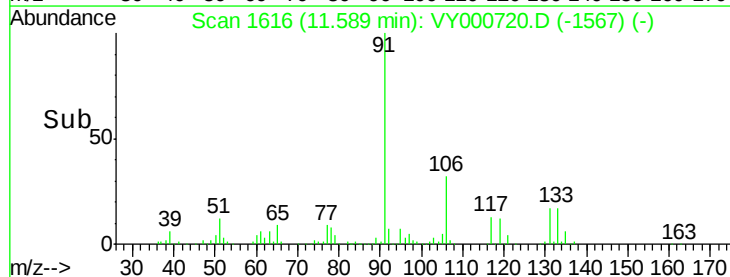
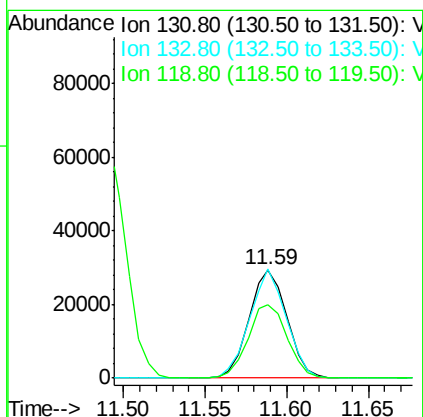
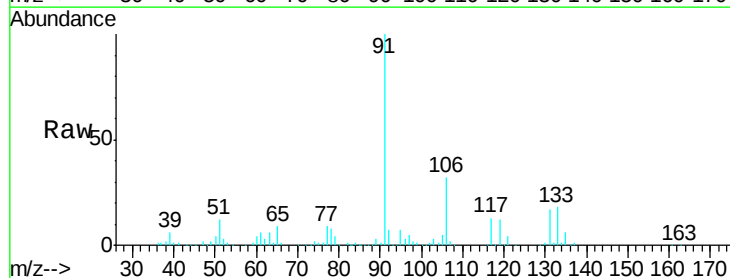
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

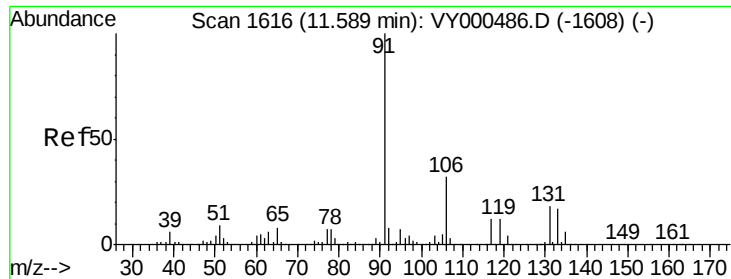
Tgt Ion:112 Resp: 143200
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.118 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion:131 Resp: 47189
Ion Ratio Lower Upper
131 100
133 97.8 47.9 143.8
119 70.9 33.1 99.3

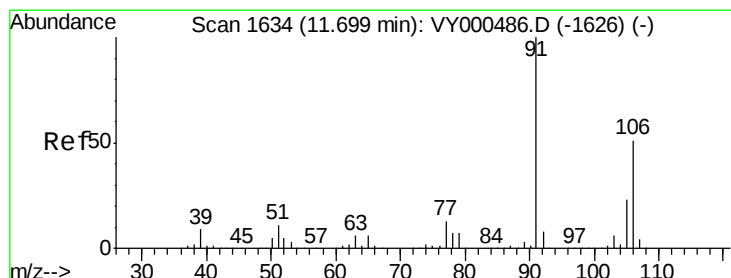
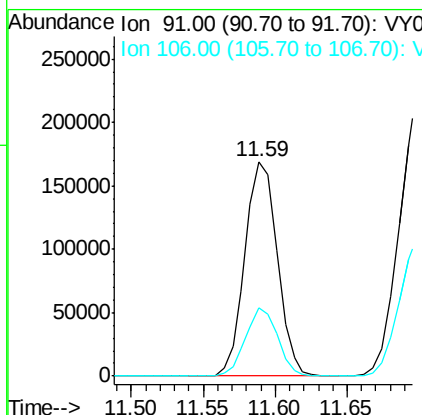
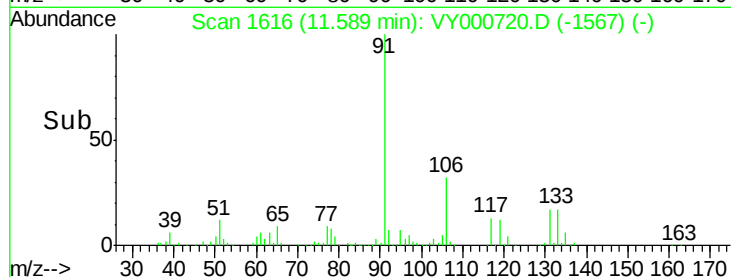
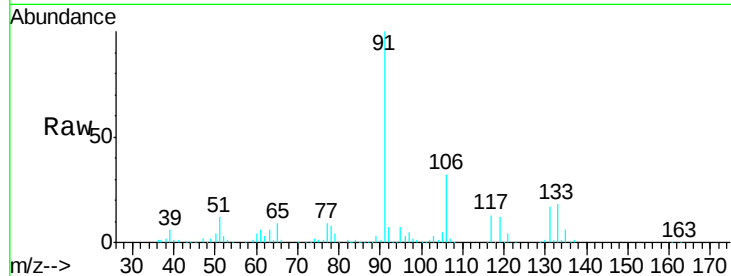




#67
Ethyl Benzene
Concen: 21.237 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

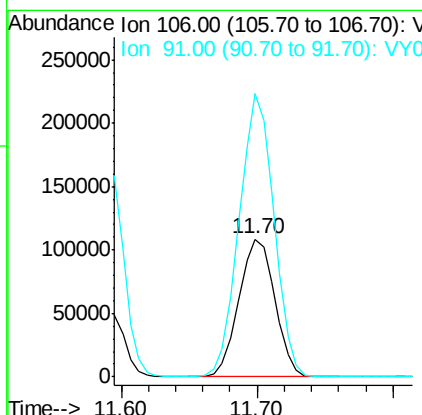
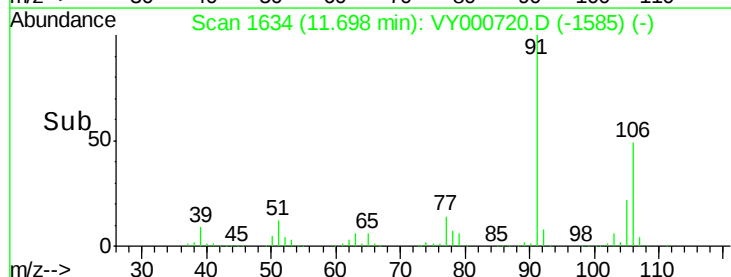
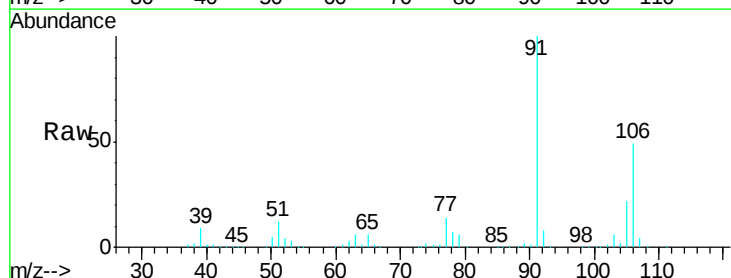
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

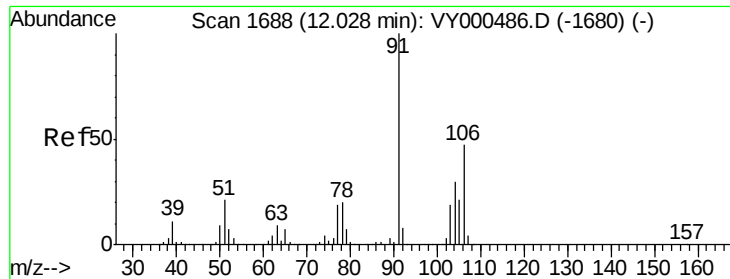
Tgt Ion: 91 Resp: 264354
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 41.757 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 106 Resp: 201171
Ion Ratio Lower Upper
106 100
91 198.7 155.9 233.9

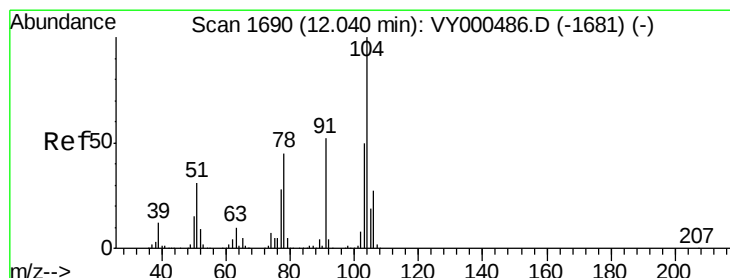
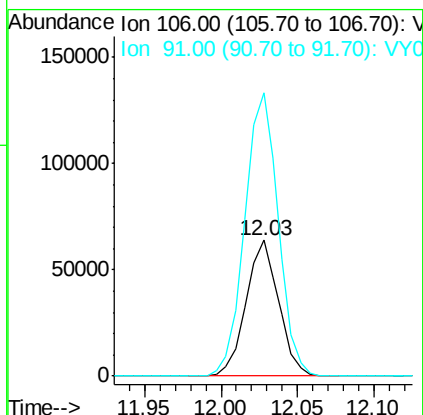
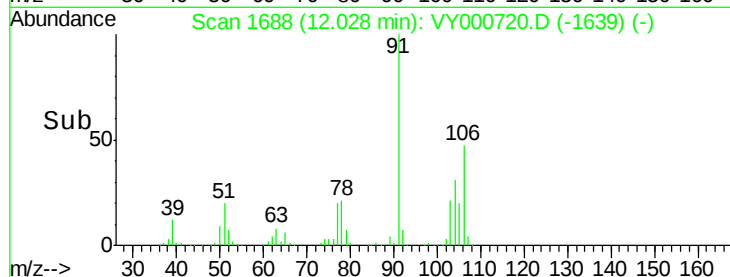
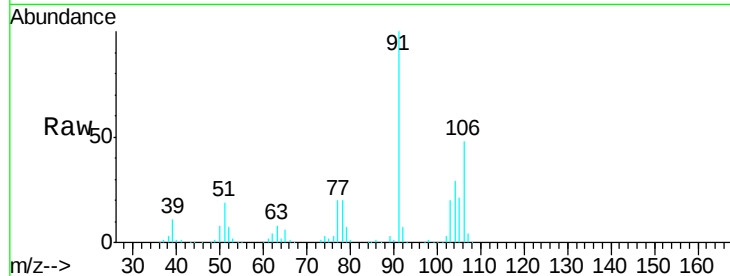




#69
o-Xylene
Concen: 20.950 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

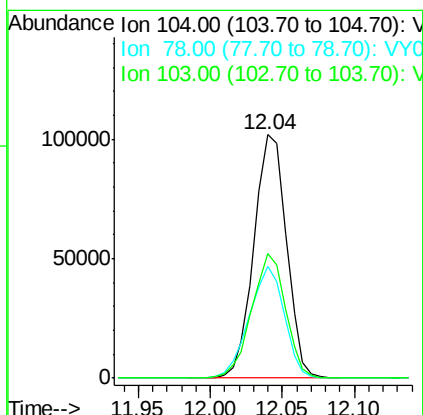
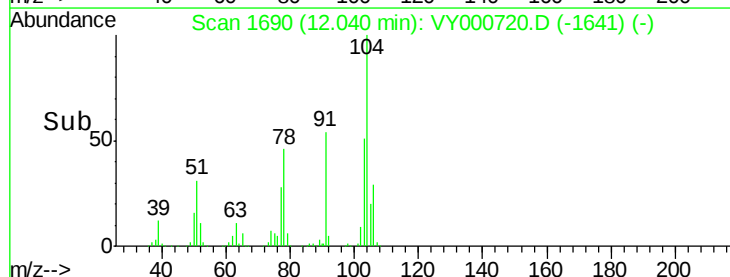
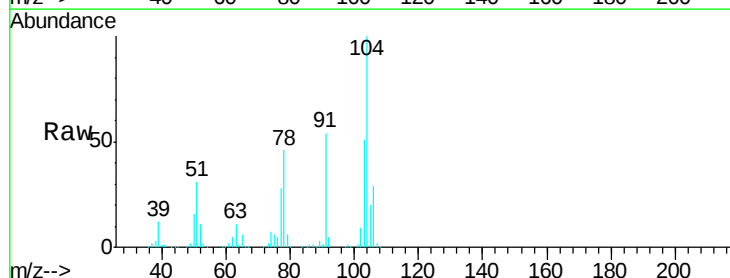
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

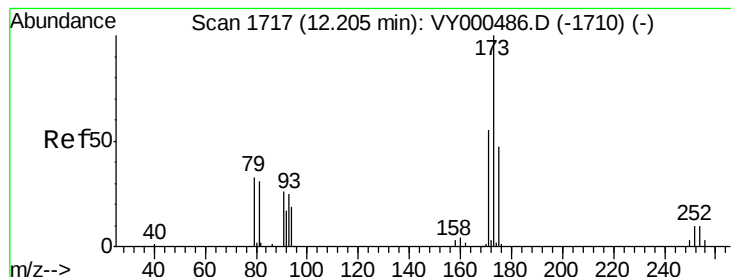
Tgt Ion:106 Resp: 94859
Ion Ratio Lower Upper
106 100
91 213.6 106.5 319.6



#70
Styrene
Concen: 20.540 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion:104 Resp: 159254
Ion Ratio Lower Upper
104 100
78 49.5 39.0 58.4
103 53.4 42.5 63.7





#71

Bromoform

Concen: 20.960 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

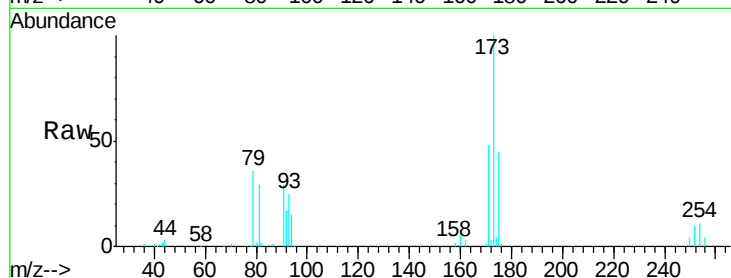
Tgt Ion:173 Resp: 28278

Ion Ratio Lower Upper

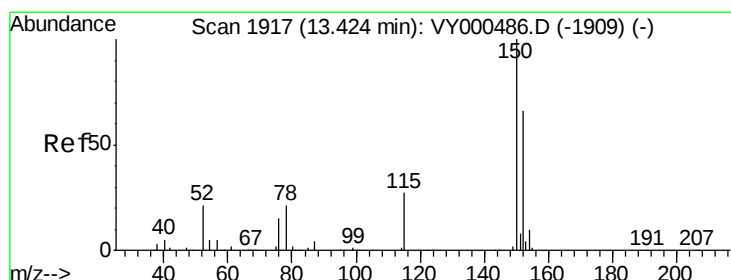
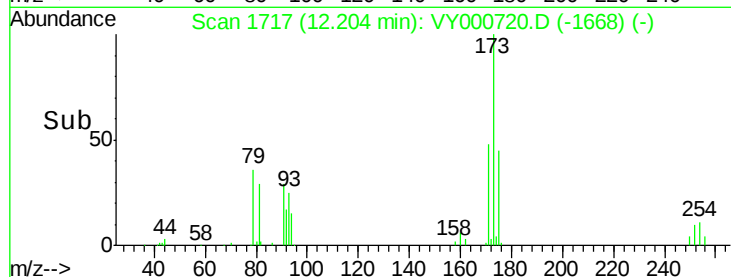
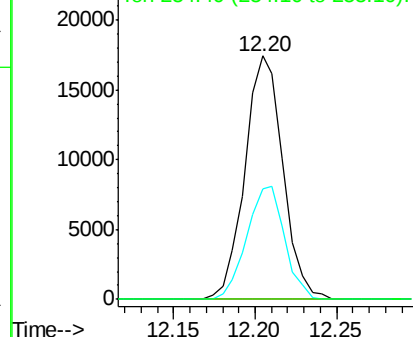
173 100

175 46.1 24.4 73.2

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: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

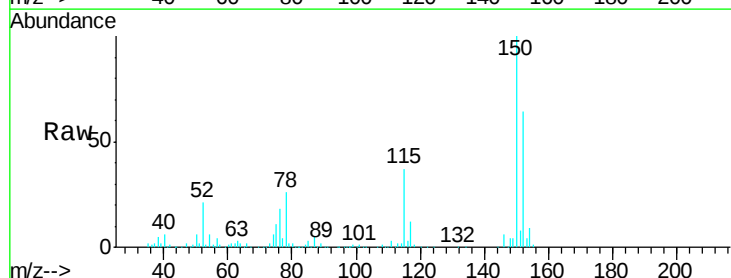
Tgt Ion:152 Resp: 166511

Ion Ratio Lower Upper

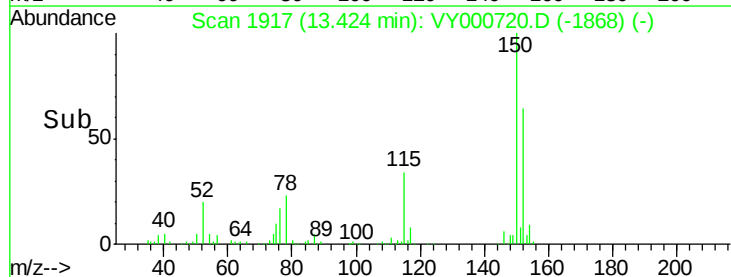
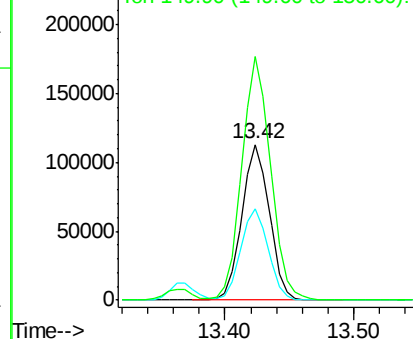
152 100

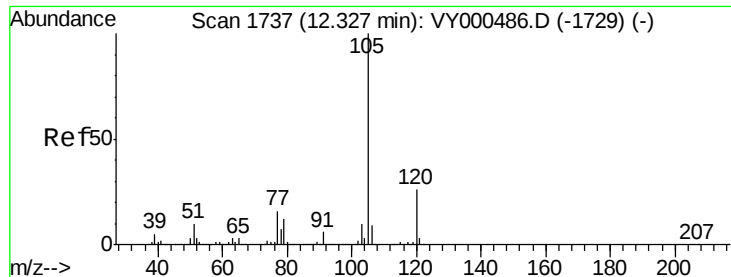
115 58.6 29.1 87.4

150 163.7 0.0 348.8



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





#73

Isopropylbenzene

Concen: 20.487 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

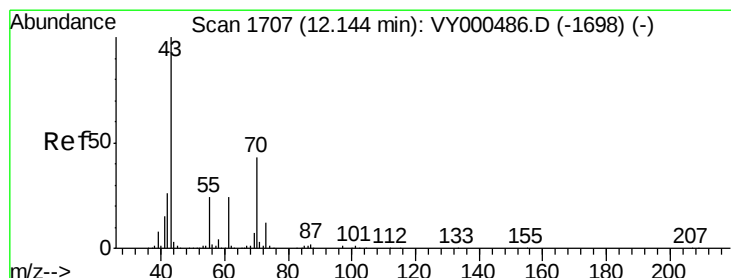
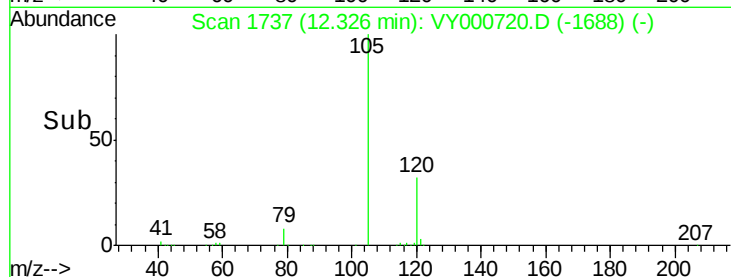
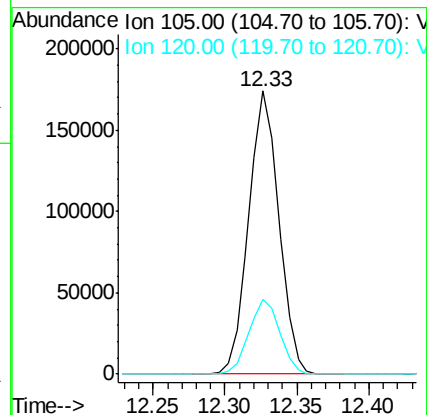
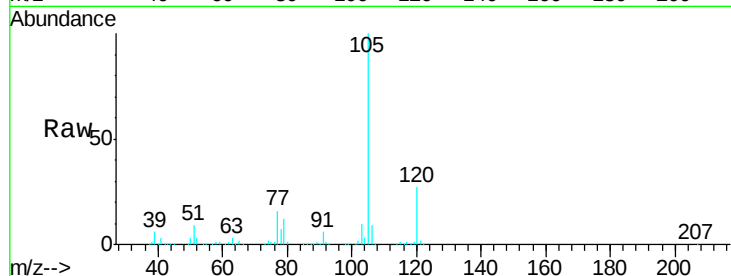
VY1118SBS01

Tgt Ion:105 Resp: 252117

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 20.570 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Tgt Ion: 43 Resp: 72501

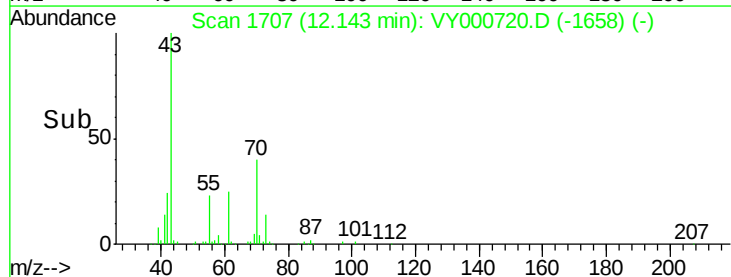
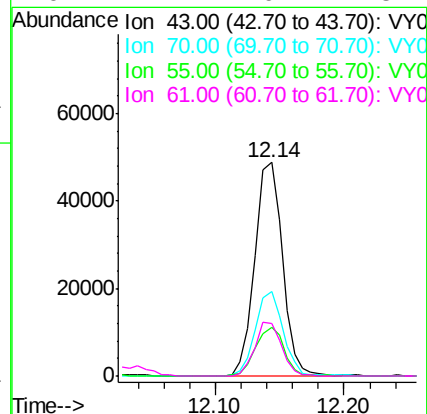
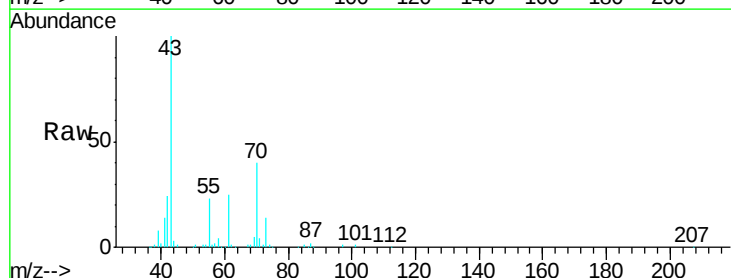
Ion Ratio Lower Upper

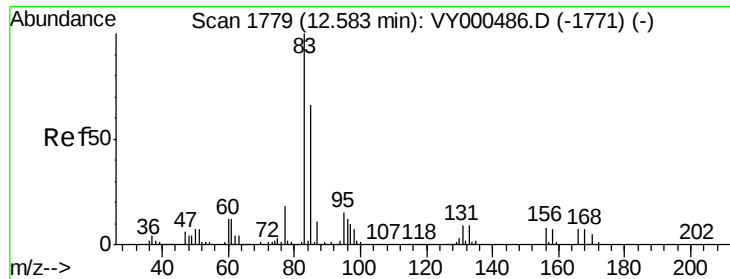
43 100

70 39.6 33.1 49.7

55 23.4 18.0 27.0

61 24.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.898 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

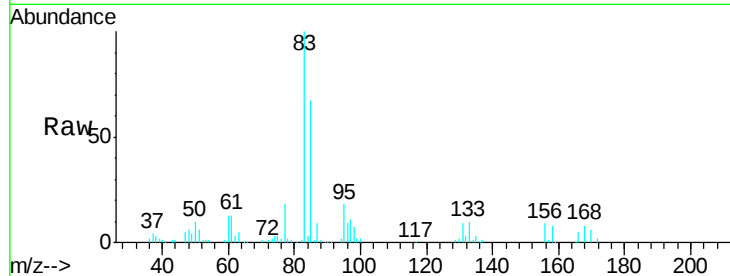
Tgt Ion: 83 Resp: 50921

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

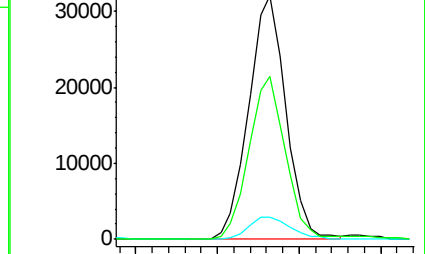
85 65.1 32.3 96.9



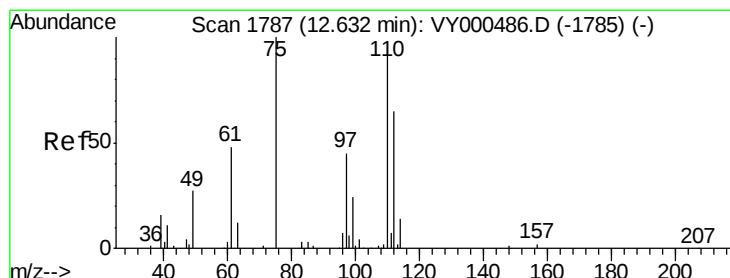
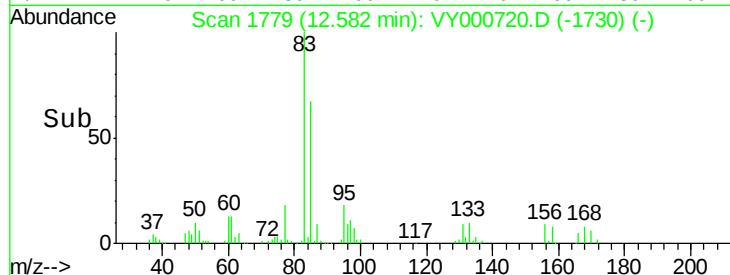
Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



Time--> 12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 36.439 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000720.D

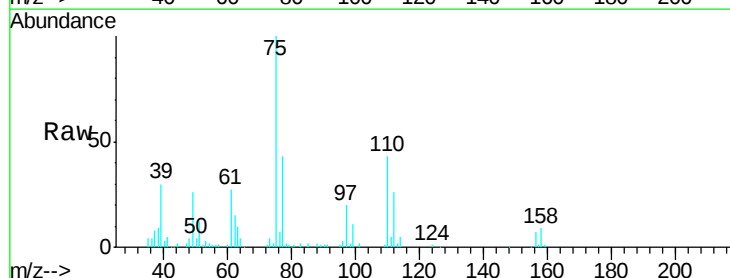
Acq: 18 Nov 2019 12:44

Tgt Ion: 75 Resp: 69086

Ion Ratio Lower Upper

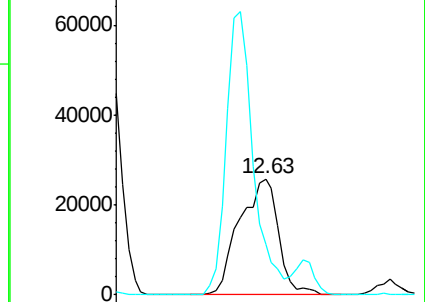
75 100

77 0.0 0.0 0.0

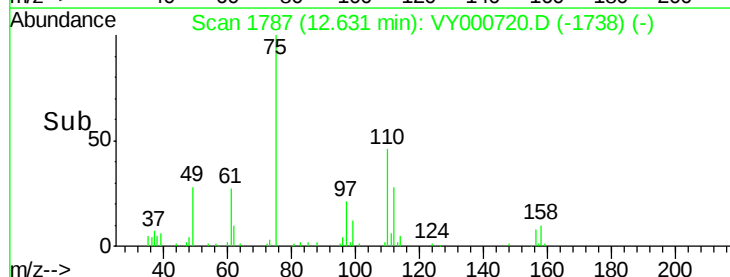


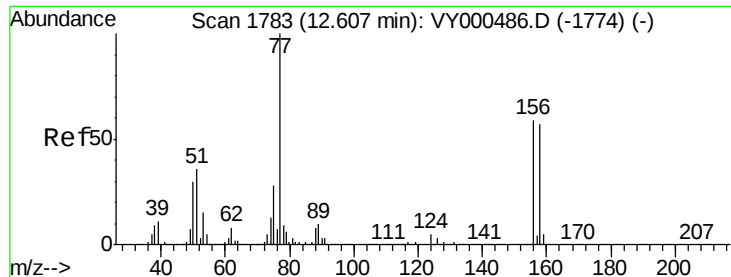
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time--> 12.50 12.60 12.70





#77

Bromobenzene

Concen: 20.240 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

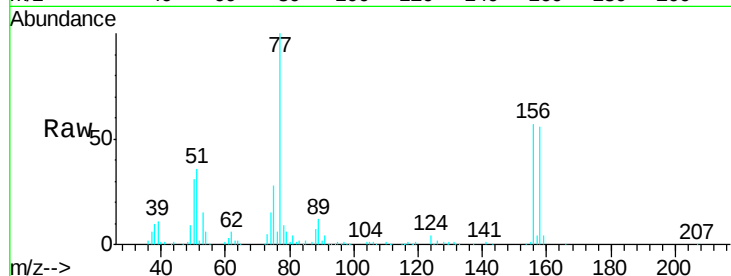
Tgt Ion:156 Resp: 56484

Ion Ratio Lower Upper

156 100

77 205.0 98.2 294.4

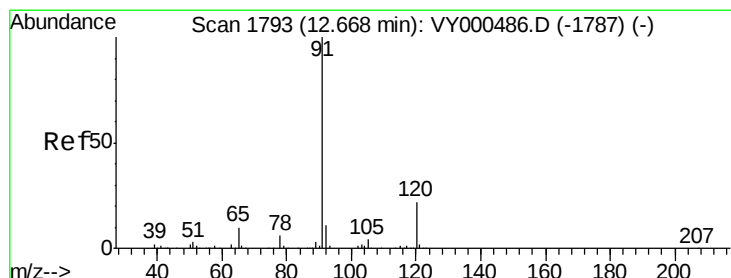
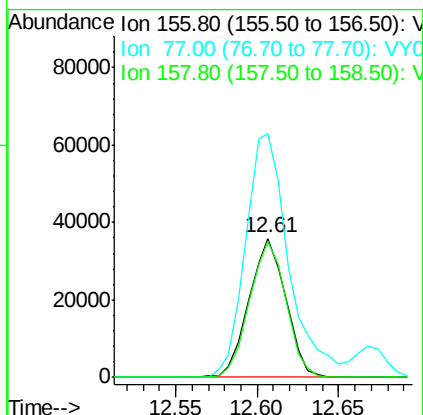
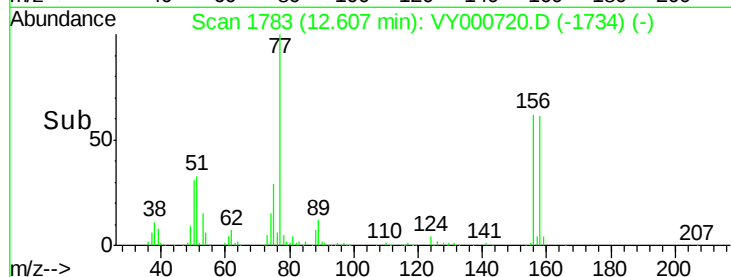
158 97.4 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.015 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000720.D

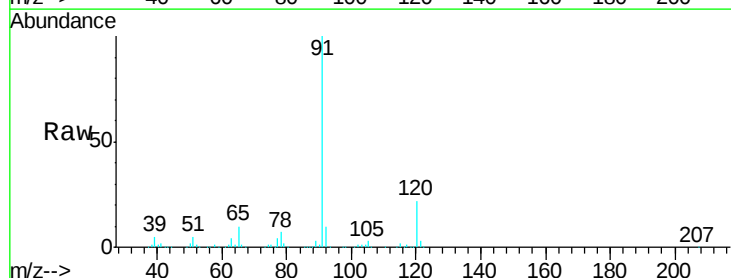
Acq: 18 Nov 2019 12:44

Tgt Ion: 91 Resp: 312044

Ion Ratio Lower Upper

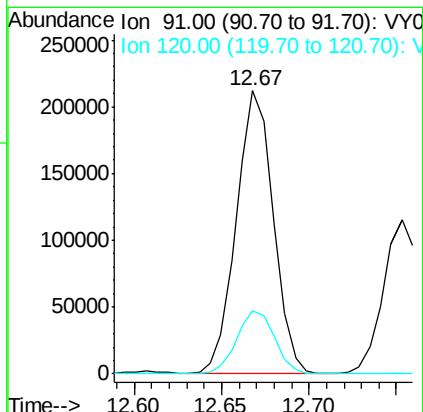
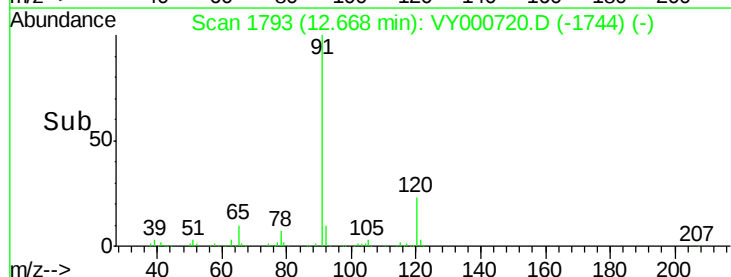
91 100

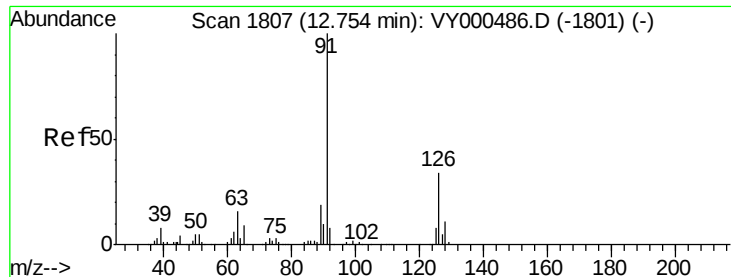
120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.022 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

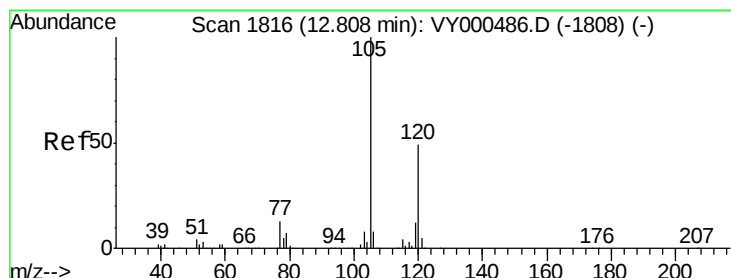
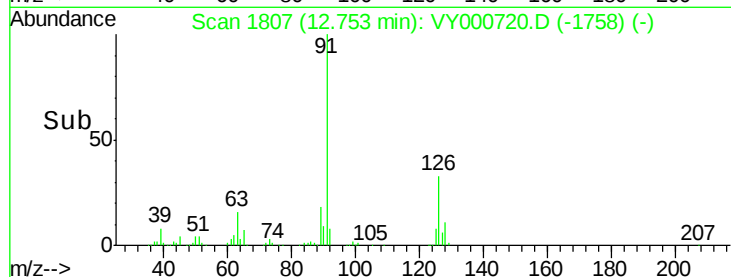
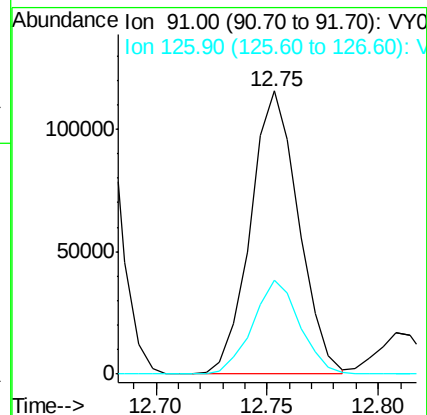
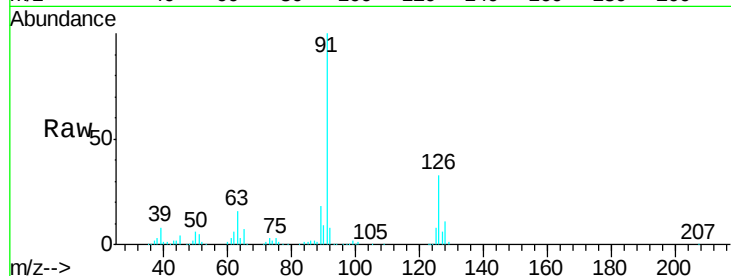
VY1118SBS01

Tgt Ion: 91 Resp: 173295

Ion Ratio Lower Upper

91 100

126 32.8 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 20.727 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000720.D

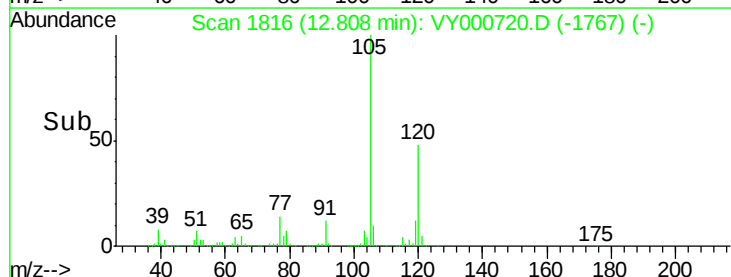
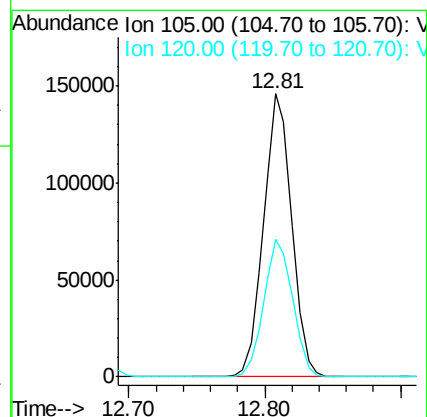
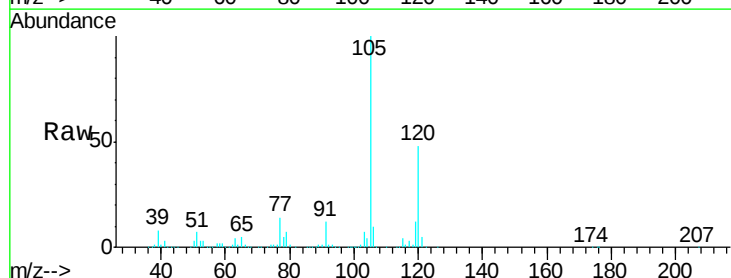
Acq: 18 Nov 2019 12:44

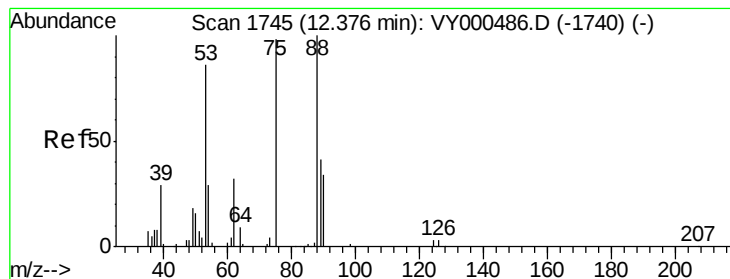
Tgt Ion: 105 Resp: 212440

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.338 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

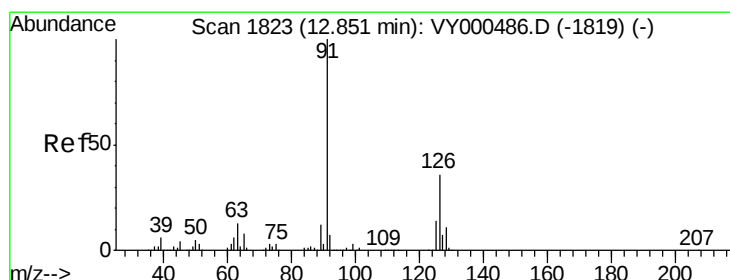
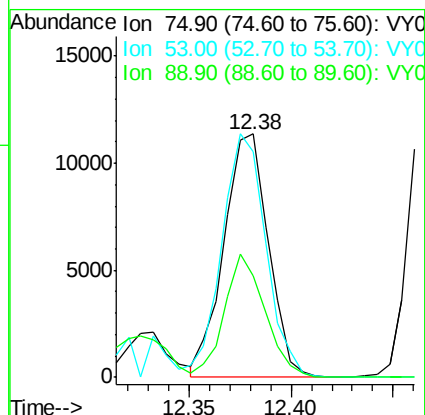
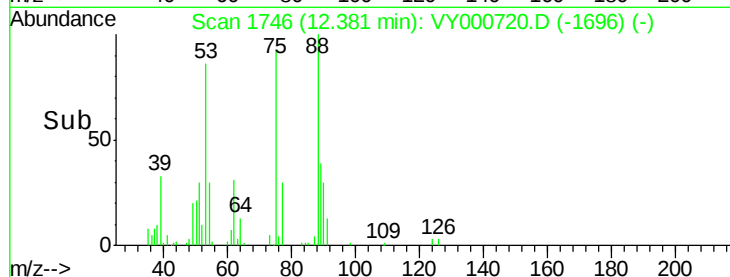
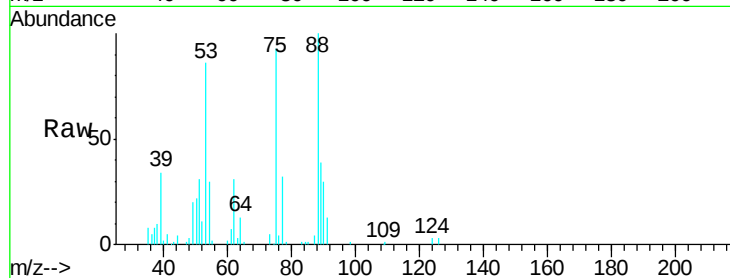
Tgt Ion: 75 Resp: 17198

Ion Ratio Lower Upper

75 100

53 99.5 73.2 109.8

89 45.8 35.9 53.9



#82

4-Chlorotoluene

Concen: 20.670 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000720.D

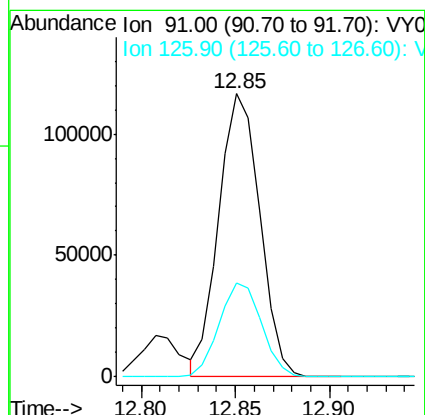
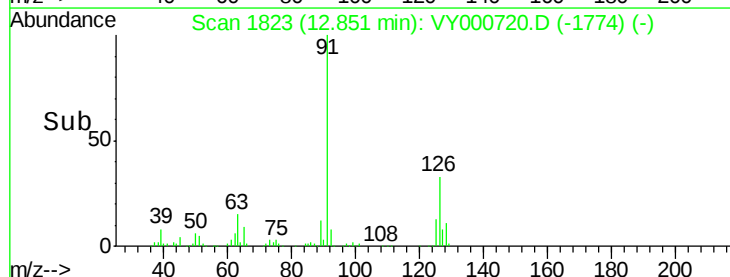
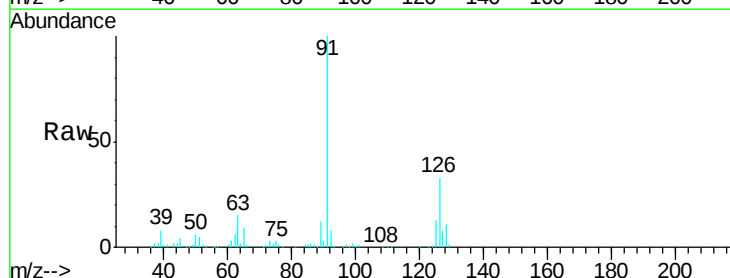
Acq: 18 Nov 2019 12:44

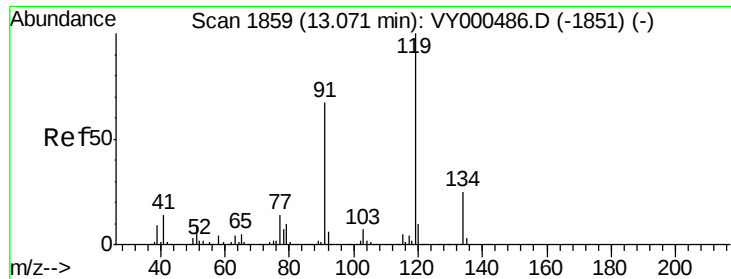
Tgt Ion: 91 Resp: 176626

Ion Ratio Lower Upper

91 100

126 34.1 17.6 52.9

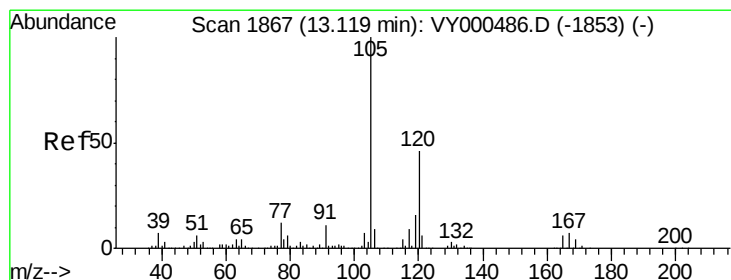
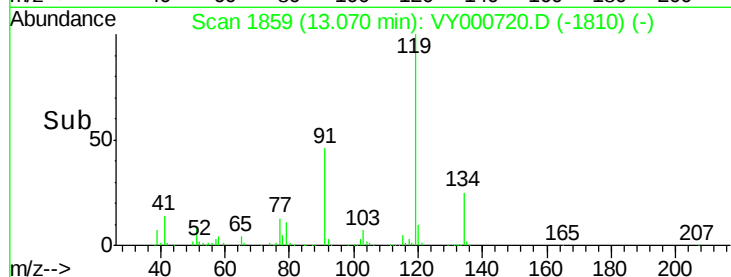
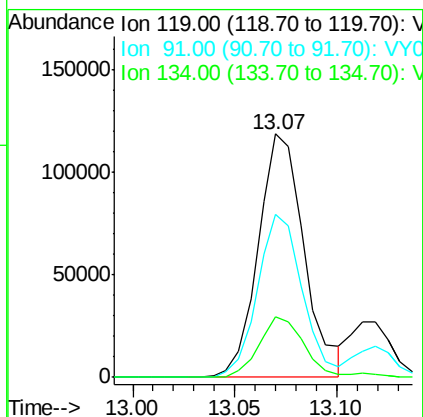
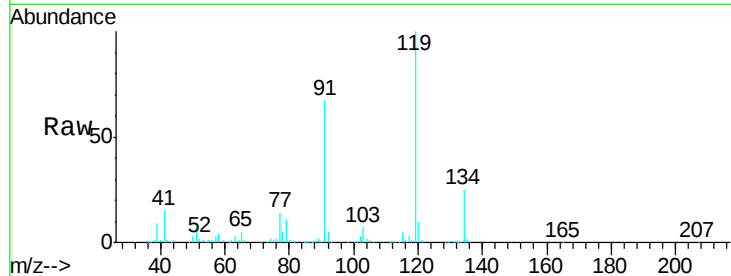




#83
 tert-Butylbenzene
 Concen: 21.281 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

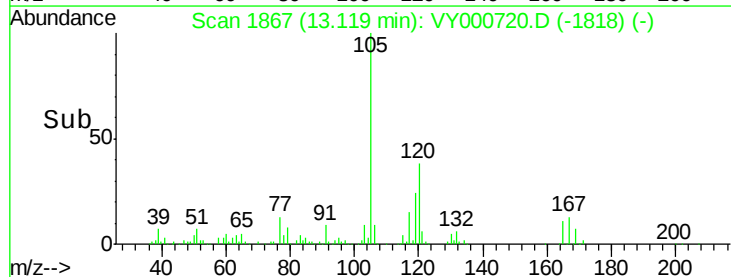
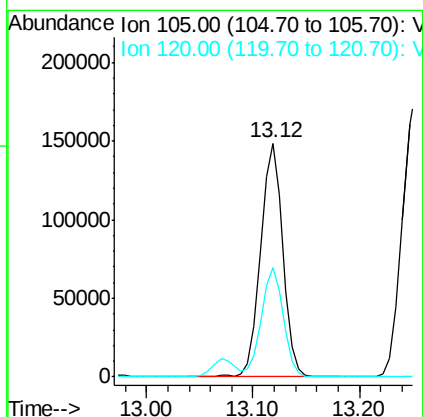
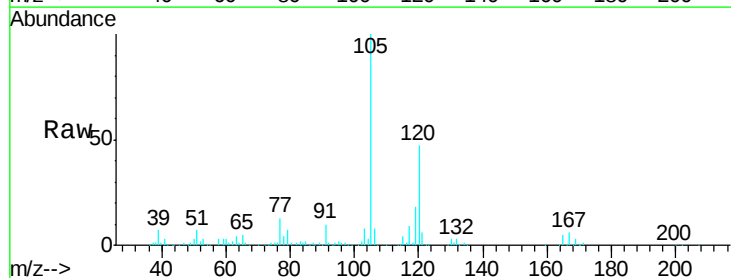
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

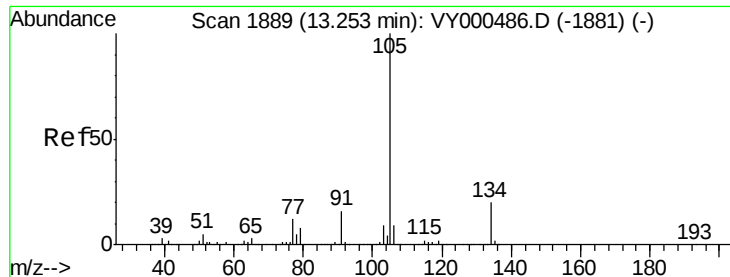
Tgt Ion:119 Resp: 186234
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.1 96.3
 134 25.4 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.310 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion:105 Resp: 217468
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.9





#85

sec-Butylbenzene

Concen: 21.085 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

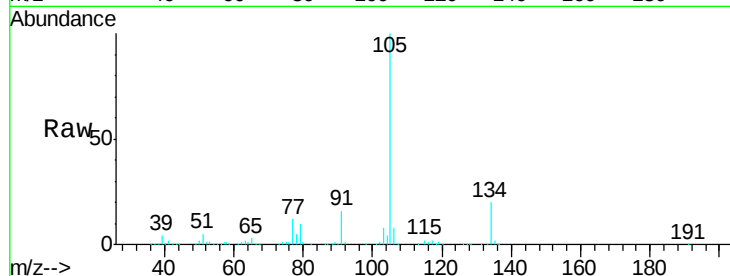
VY1118SBS01

Tgt Ion:105 Resp: 262891

Ion Ratio Lower Upper

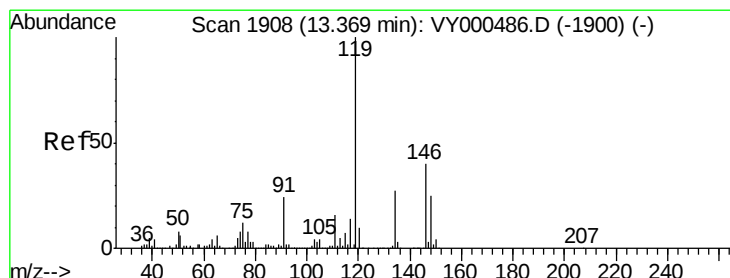
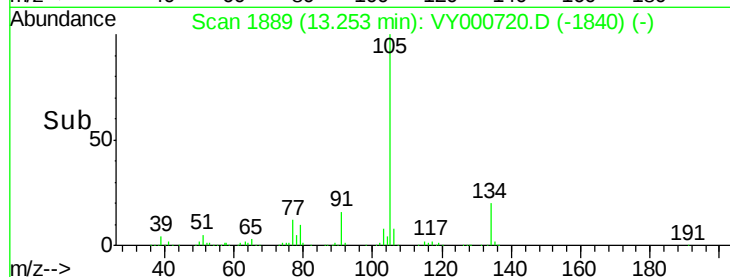
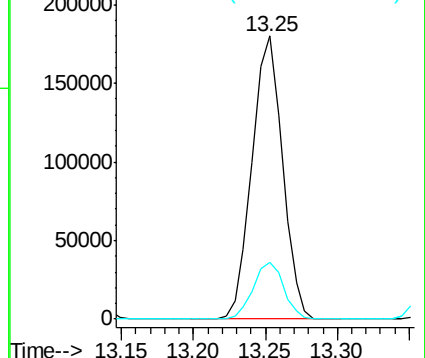
105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.039 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

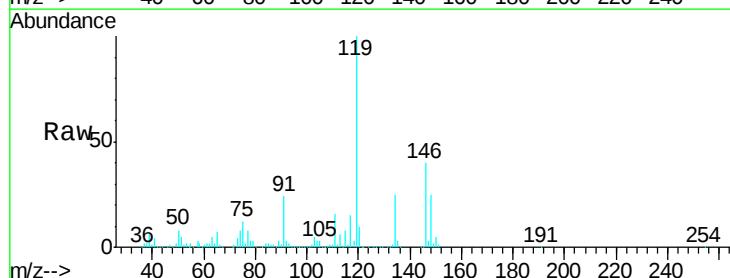
Tgt Ion:119 Resp: 233794

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

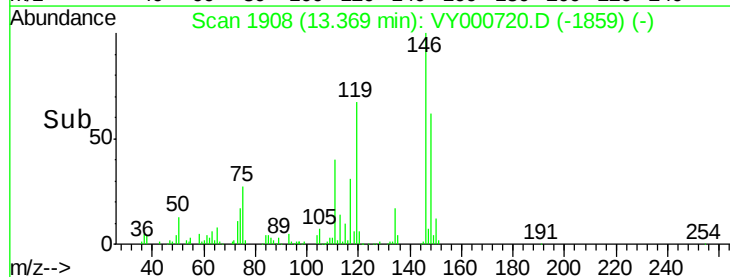
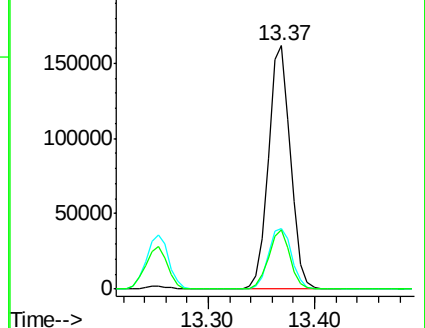
91 23.8 12.0 36.1



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

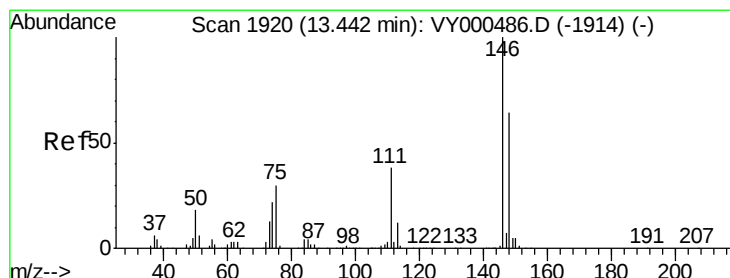
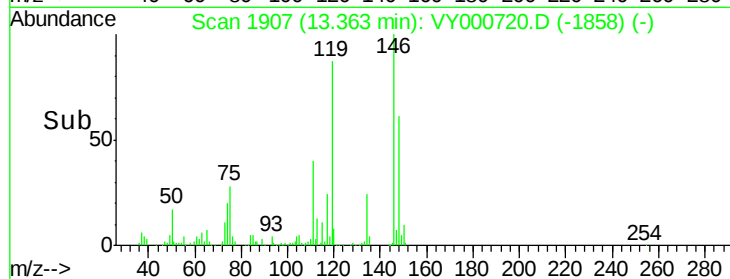
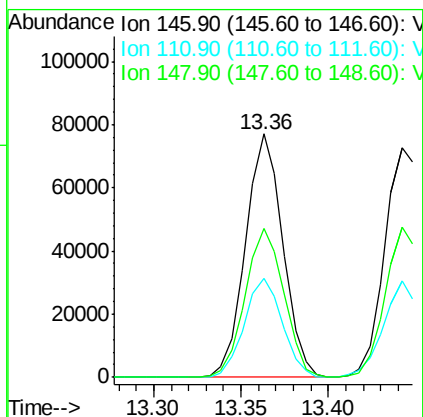
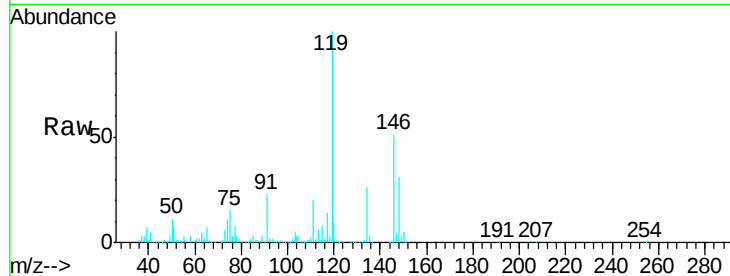




#87
 1,3-Dichlorobenzene
 Concen: 20.886 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

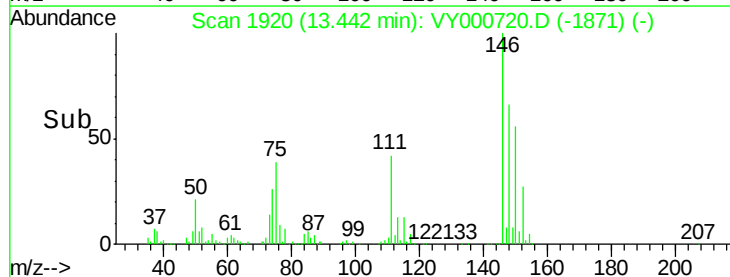
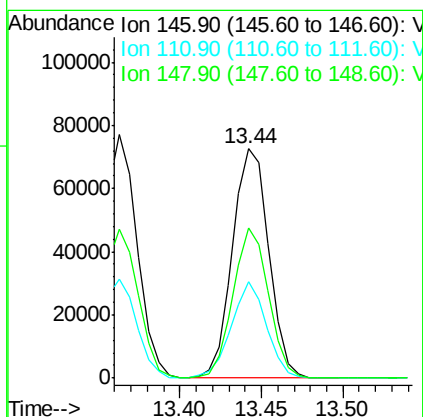
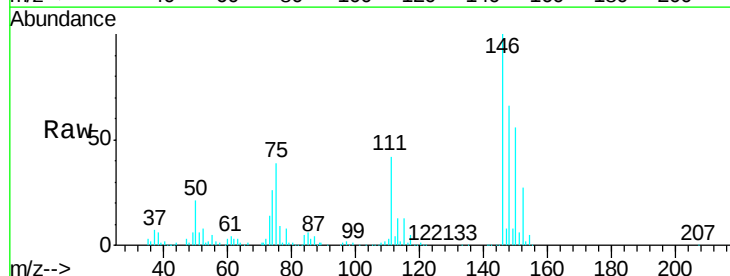
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

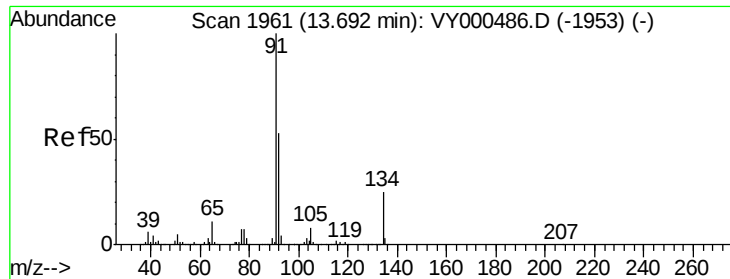
Tgt Ion:146 Resp: 114168
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.8
 148 63.5 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.663 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion:146 Resp: 112867
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.7 59.0
 148 63.9 31.9 95.7

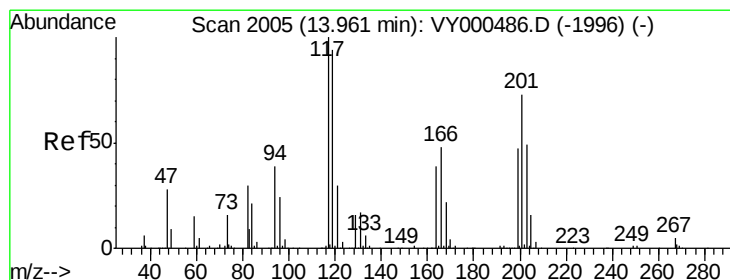
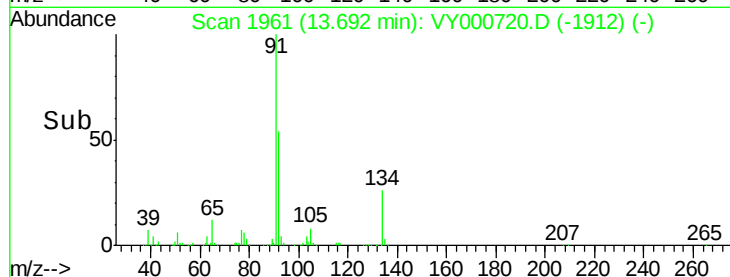
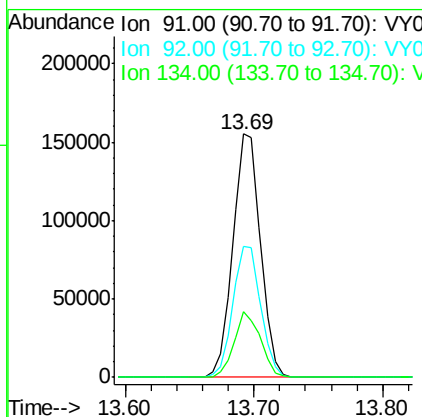
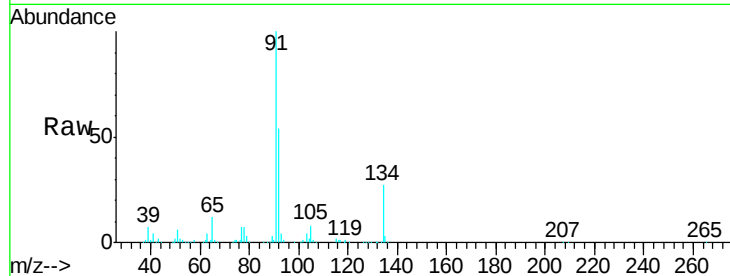




#89
n-Butylbenzene
Concen: 21.121 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

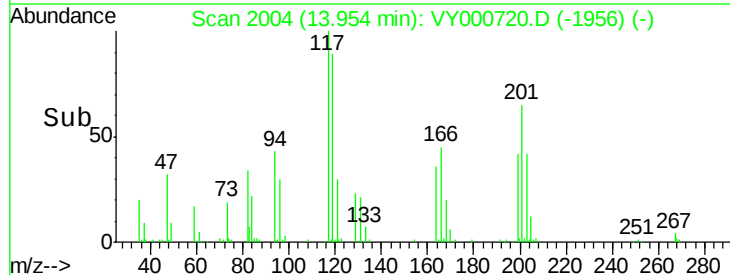
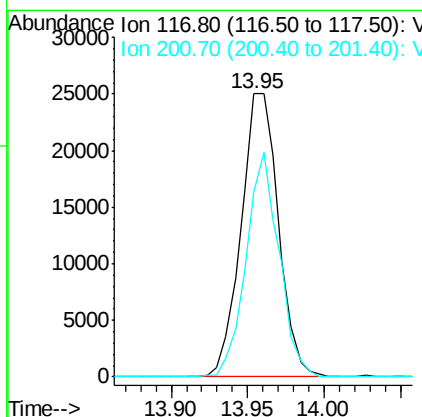
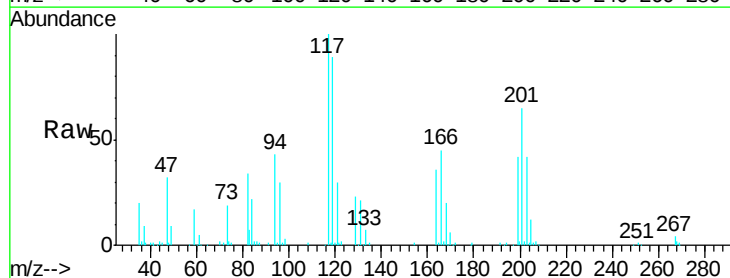
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBS01

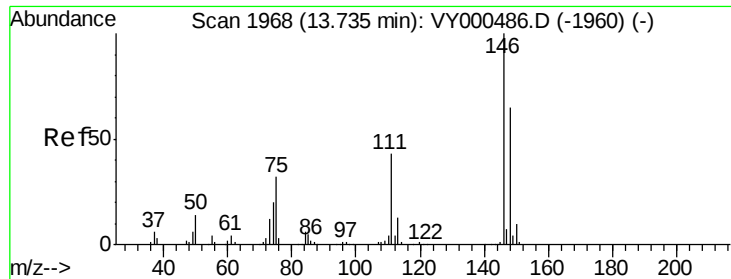
Tgt Ion: 91 Resp: 231491
Ion Ratio Lower Upper
91 100
92 54.5 26.8 80.3
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 20.630 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000720.D
Acq: 18 Nov 2019 12:44

Tgt Ion: 117 Resp: 42380
Ion Ratio Lower Upper
117 100
201 69.8 35.8 107.3

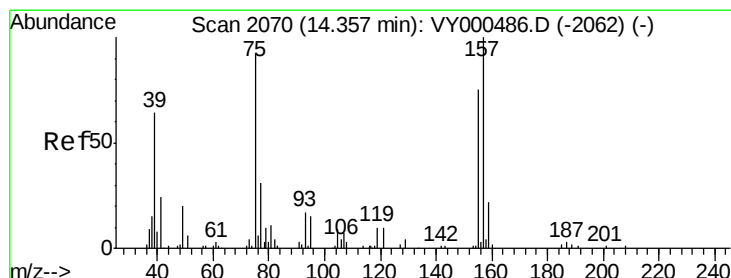
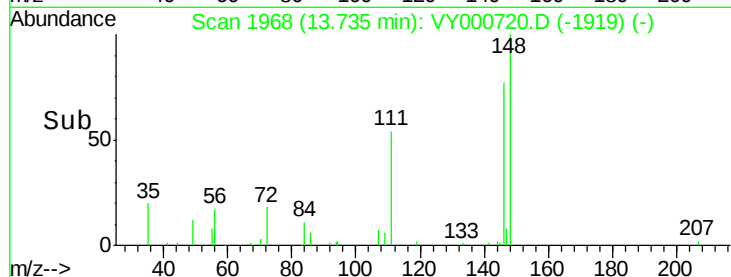
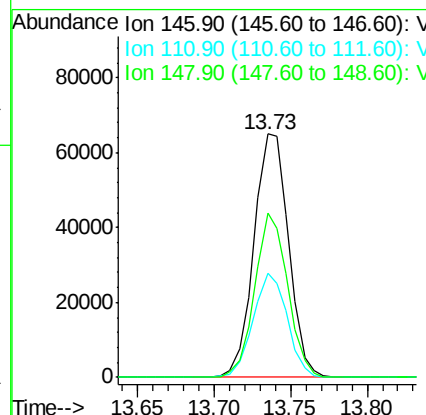
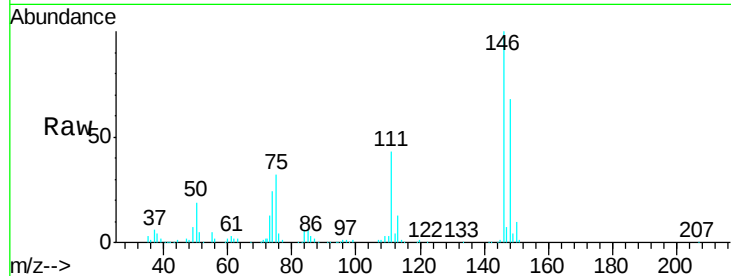




#91
 1,2-Dichlorobenzene
 Concen: 20.684 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

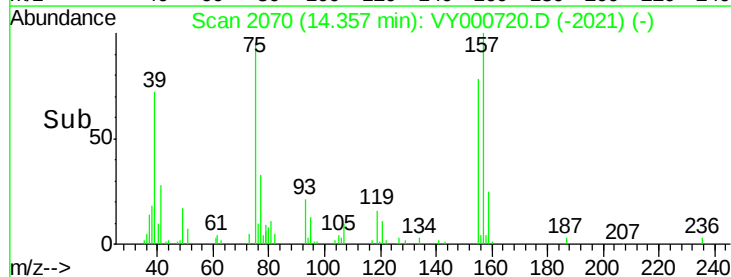
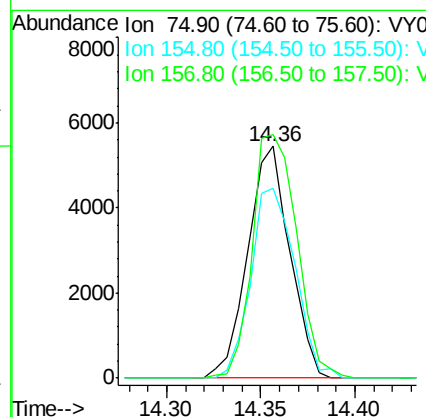
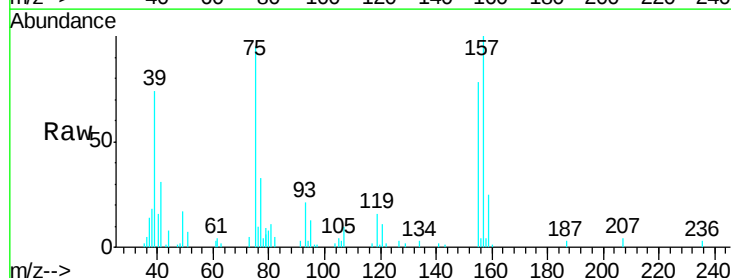
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

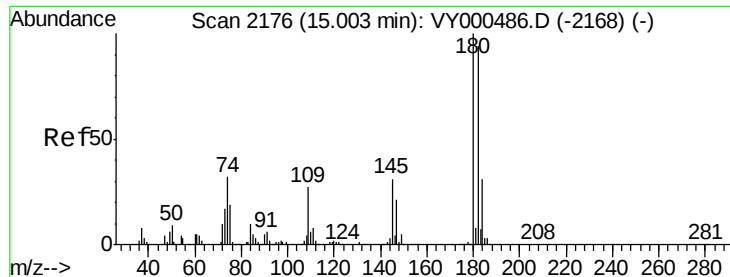
Tgt Ion:146 Resp: 102583
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.5 61.5
 148 64.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.553 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion: 75 Resp: 8432
 Ion Ratio Lower Upper
 75 100
 155 86.0 42.4 127.1
 157 111.1 55.1 165.3

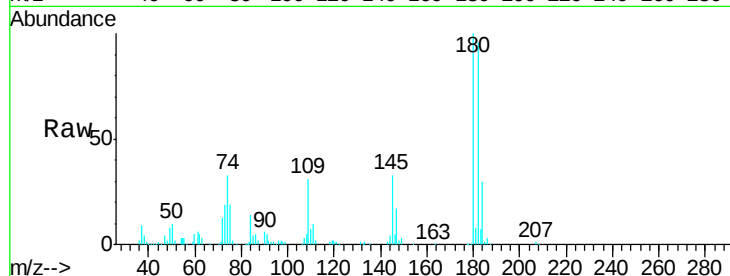




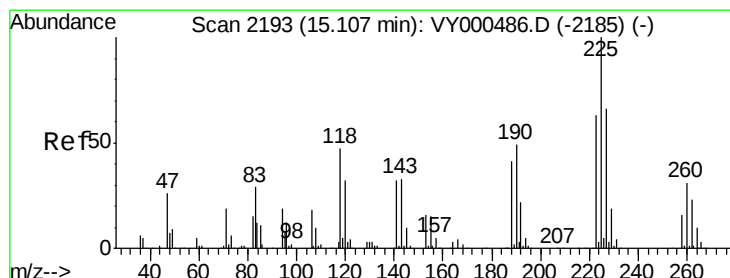
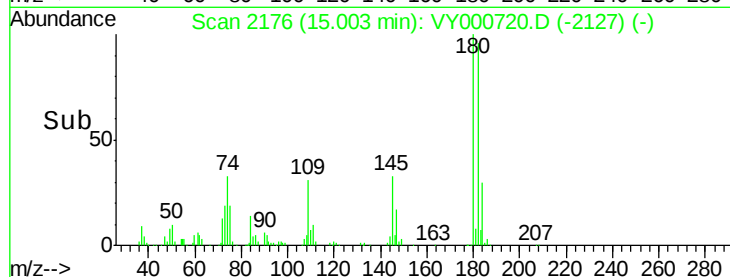
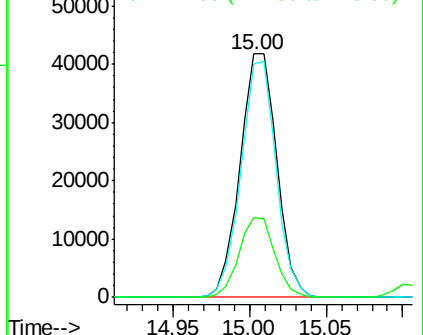
#93
 1,2,4-Trichlorobenzene
 Concen: 20.635 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

Tgt Ion:180 Resp: 69684
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.8 143.4
 145 31.9 16.0 47.9

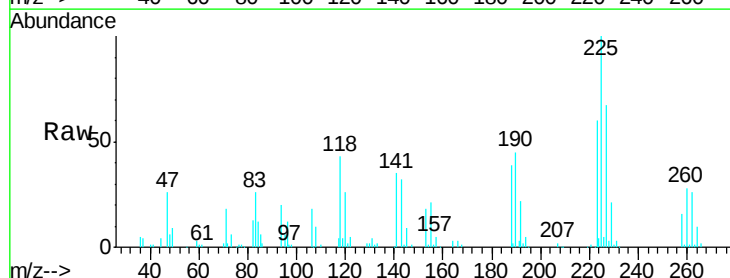


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

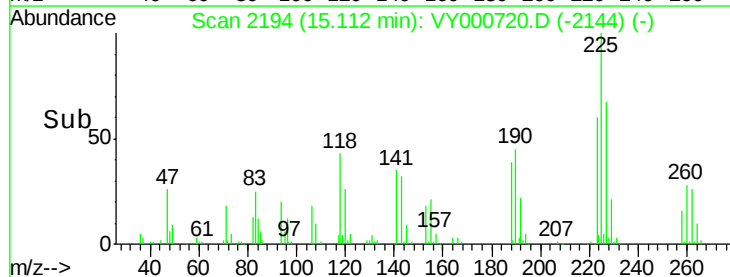
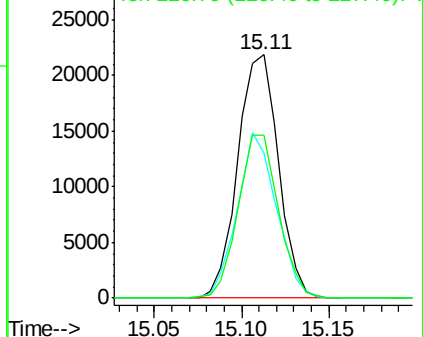


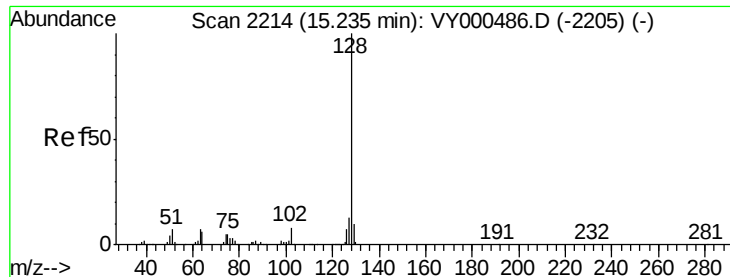
#94
 Hexachlorobutadiene
 Concen: 20.343 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000720.D
 Acq: 18 Nov 2019 12:44

Tgt Ion:225 Resp: 35411
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.3 93.8
 227 66.9 32.4 97.0



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





#95

Naphthalene

Concen: 20.708 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBS01

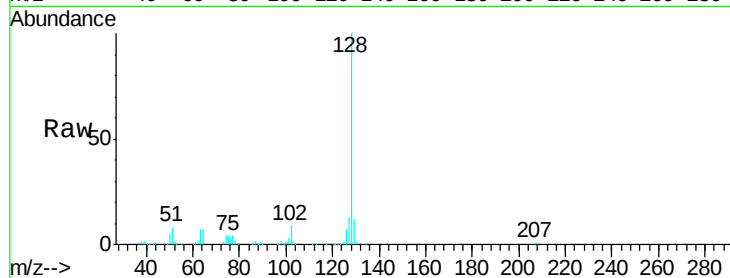
Tgt Ion:128 Resp: 155235

Ion Ratio Lower Upper

128 100

127 13.0 9.8 14.6

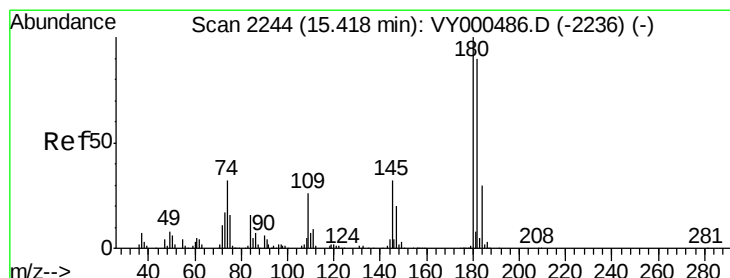
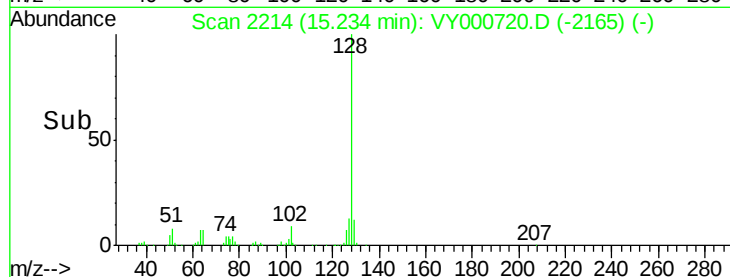
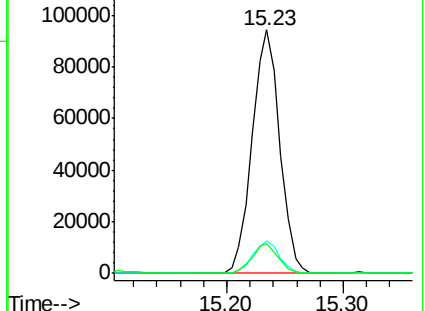
129 11.7 8.7 13.1



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: 21.496 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000720.D

Acq: 18 Nov 2019 12:44

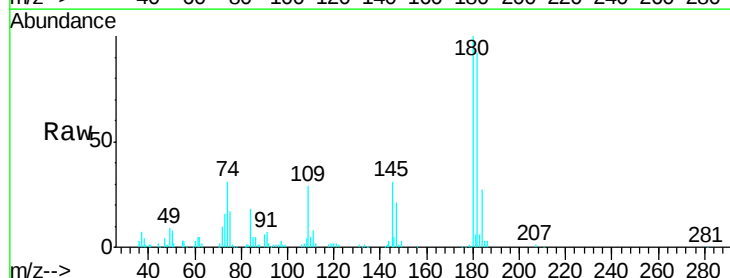
Tgt Ion:180 Resp: 65126

Ion Ratio Lower Upper

180 100

182 93.8 47.4 142.3

145 30.8 15.7 47.0



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

