

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002894.D
 Acq On : 15 Jun 2020 11:13
 Operator : SY/MD
 Sample : VY0615SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Quant Time: Jun 16 01:57:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	268056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	394689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	365961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	204673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	113449	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
35) Dibromofluoromethane	7.72	113	115897	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	10.18	98	445291	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.48	95	159428	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	40899	22.174	ug/l	96
3) Chloromethane	2.12	50	43782	21.460	ug/l	96
4) Vinyl Chloride	2.26	62	48426	22.457	ug/l	97
5) Bromomethane	2.65	94	34940	21.622	ug/l	98
6) Chloroethane	2.80	64	30285	21.665	ug/l	98
7) Trichlorofluoromethane	3.13	101	86169	22.563	ug/l	96
8) Diethyl Ether	3.54	74	30037	20.142	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51096	22.534	ug/l	97
10) Methyl Iodide	4.10	142	65502	20.644	ug/l	98
11) Tert butyl alcohol	4.97	59	27575	102.708	ug/l	98
12) 1,1-Dichloroethene	3.88	96	50787	22.271	ug/l	97
13) Acrolein	3.74	56	19515	71.548	ug/l	98
14) Allyl chloride	4.49	41	71330	21.809	ug/l	98
15) Acrylonitrile	5.17	53	75705	112.530	ug/l	100
16) Acetone	3.96	43	62507	114.531	ug/l	100
17) Carbon Disulfide	4.20	76	139086	20.184	ug/l	100
18) Methyl Acetate	4.49	43	35836	25.698	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	141305	22.446	ug/l	99
20) Methylene Chloride	4.72	84	60691	22.755	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	55969	21.824	ug/l	98
22) Diisopropyl ether	6.13	45	150891	22.201	ug/l	98
23) Vinyl Acetate	6.07	43	489642	109.119	ug/l	99
24) 1,1-Dichloroethane	6.03	63	89202	22.436	ug/l	97
25) 2-Butanone	7.00	43	92221	108.457	ug/l	99
26) 2,2-Dichloropropane	6.99	77	83484	21.894	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	62925	21.918	ug/l	98
28) Bromochloromethane	7.34	49	36852	22.579	ug/l	95
29) Tetrahydrofuran	7.35	42	60332	109.082	ug/l	97
30) Chloroform	7.52	83	95295	22.588	ug/l	94
31) Cyclohexane	7.79	56	80779	20.464	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	89004	22.639	ug/l	100
36) 1,1-Dichloropropene	7.92	75	71178	21.409	ug/l	98
37) Ethyl Acetate	7.08	43	40908	22.615	ug/l	99
38) Carbon Tetrachloride	7.91	117	82470	22.329	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	91332	20.841	ug/l	98
40) Benzene	8.17	78	217466	22.136	ug/l	99
41) Methacrylonitrile	7.35	41	55839	57.459	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	61772	22.436	ug/l	99
43) Isopropyl Acetate	8.28	43	75812	22.116	ug/l	98
44) Trichloroethene	8.94	130	67543	21.766	ug/l	99
45) 1,2-Dichloropropane	9.22	63	52664	22.354	ug/l	99
46) Dibromomethane	9.31	93	31737	22.683	ug/l	98
47) Bromodichloromethane	9.50	83	75522	22.896	ug/l	98
48) Methyl methacrylate	9.30	41	33929	21.926	ug/l	99
49) 1,4-Dioxane	9.31	88	9006	419.209	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	205403	113.159	ug/l	100
52) Toluene	10.25	92	141413	22.004	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	80258	22.277	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	91623	22.444	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	48598	22.688	ug/l	95
56) Ethyl methacrylate	10.51	69	64550	22.499	ug/l	98
57) 1,3-Dichloropropane	10.79	76	78593	22.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	152311	108.646	ug/l	99
59) 2-Hexanone	10.83	43	145252	112.781	ug/l	99
60) Dibromochloromethane	10.99	129	61480	22.639	ug/l	99
61) 1,2-Dibromoethane	11.09	107	47145	22.312	ug/l	100
64) Tetrachloroethene	10.72	164	72489	21.794	ug/l	100
65) Chlorobenzene	11.52	112	160905	22.245	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	62050	22.777	ug/l	99
67) Ethyl Benzene	11.60	91	278929	22.244	ug/l	99
68) m/p-Xylenes	11.70	106	219030	45.051	ug/l	100
69) o-Xylene	12.03	106	103718	22.598	ug/l	99
70) Styrene	12.05	104	180404	22.674	ug/l	100
71) Bromoform	12.21	173	42391	23.256	ug/l #	98
73) Isopropylbenzene	12.33	105	286870	21.871	ug/l	100
74) N-amyl acetate	12.14	43	72331	21.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	52243	22.701	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	76375	41.413	ug/l #	100
77) Bromobenzene	12.61	156	73712	21.583	ug/l	99
78) n-propylbenzene	12.67	91	329442	21.744	ug/l	100
79) 2-Chlorotoluene	12.76	91	184138	21.666	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	242191	22.115	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	21906	22.378	ug/l	98
82) 4-Chlorotoluene	12.86	91	195528	21.959	ug/l	100
83) tert-Butylbenzene	13.08	119	213317	21.836	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	243516	22.114	ug/l	99
85) sec-Butylbenzene	13.25	105	294040	22.014	ug/l	99
86) p-Isopropyltoluene	13.37	119	274308	22.071	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	142880	22.086	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	143683	22.203	ug/l	99
89) n-Butylbenzene	13.70	91	248476	22.020	ug/l	99
90) Hexachloroethane	13.96	117	51840	22.280	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	130469	22.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10072	22.748	ug/l	97

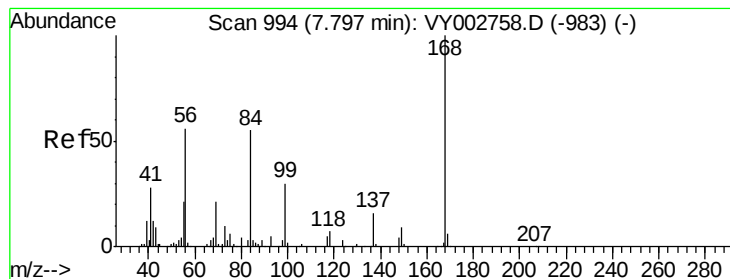
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	98657	22.309	ug/l	100
94) Hexachlorobutadiene	15.11	225	56840	22.662	ug/l	100
95) Naphthalene	15.23	128	193416	21.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	88015	22.288	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. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

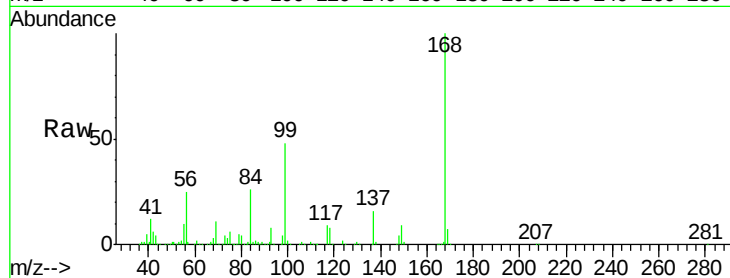
VY0615SBS01

Tot Ion:168 Resp: 268056

Ion Ratio Lower Upper

168 100

99 48.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

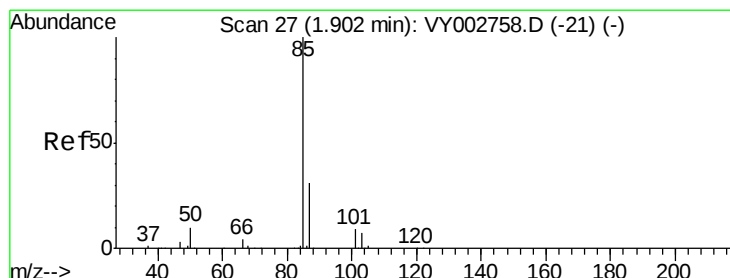
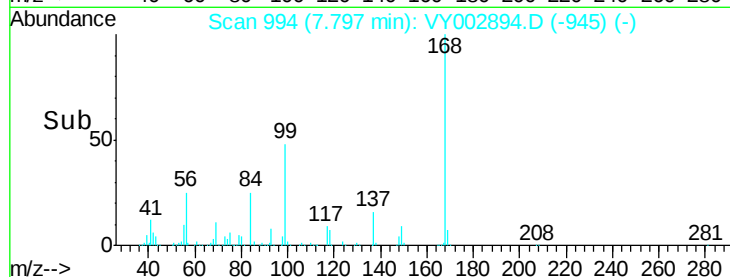
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.174 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002894.D

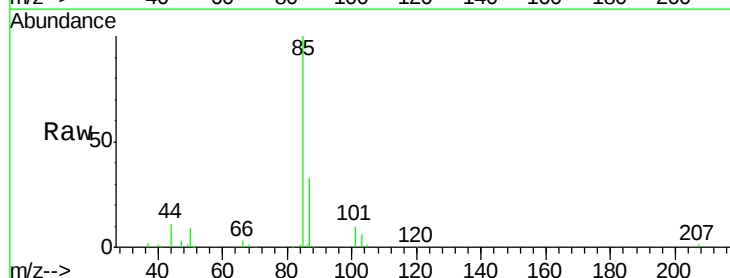
Acq: 15 Jun 2020 11:13

Tgt Ion: 85 Resp: 40899

Ion Ratio Lower Upper

85 100

87 33.2 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

30000

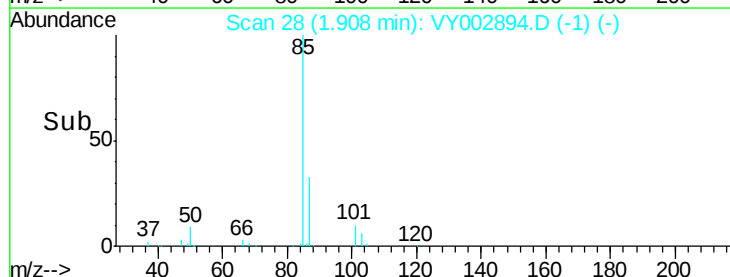
20000

10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.460 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

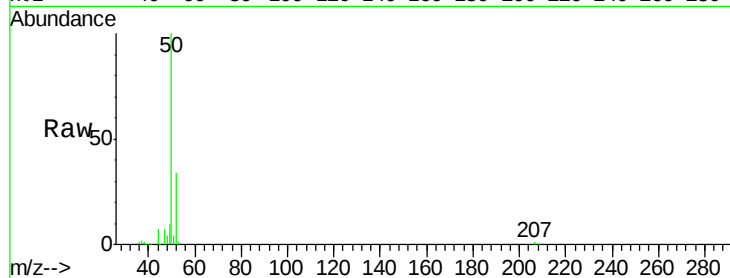
VY0615SBS01

Tot Ion: 50 Resp: 43782

Ion Ratio Lower Upper

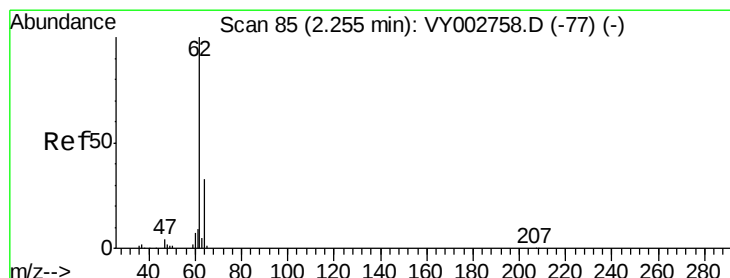
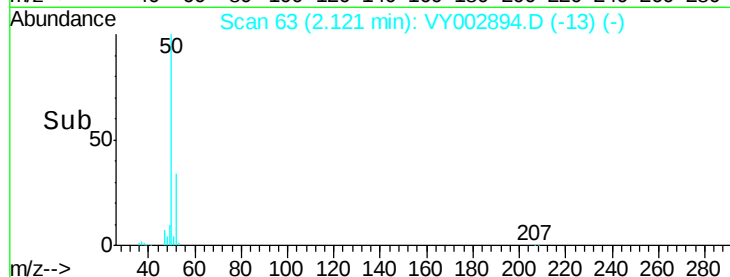
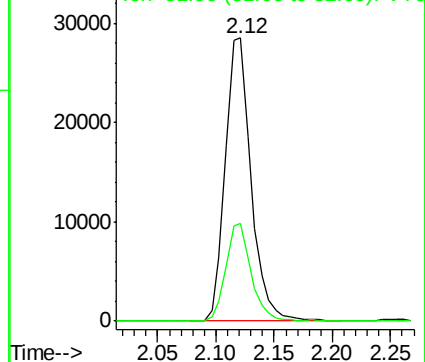
50 100

52 34.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.457 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002894.D

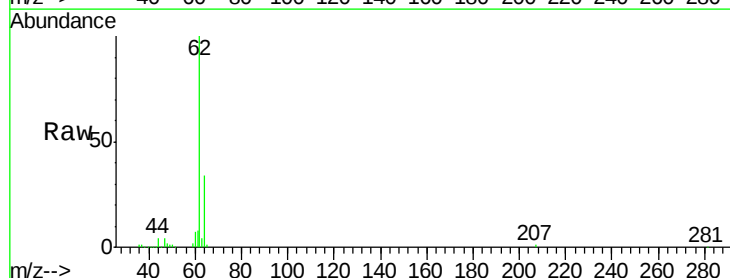
Acq: 15 Jun 2020 11:13

Tgt Ion: 62 Resp: 48426

Ion Ratio Lower Upper

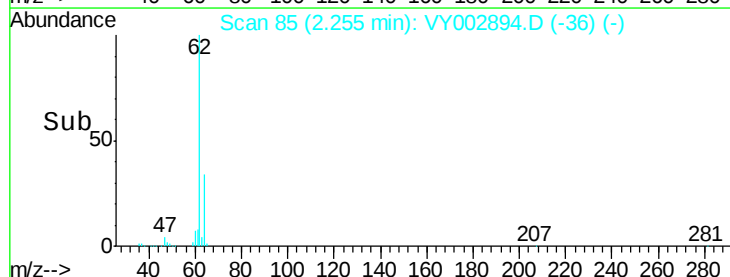
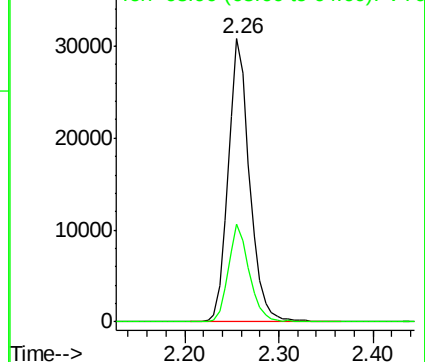
62 100

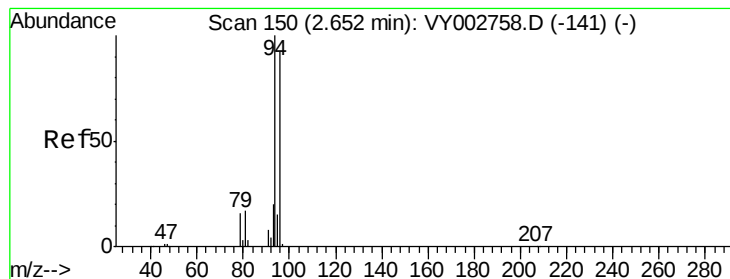
64 34.4 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.622 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

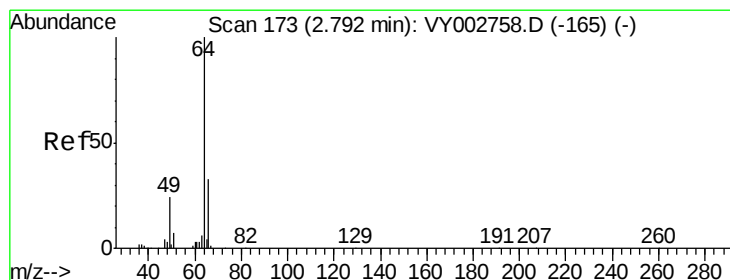
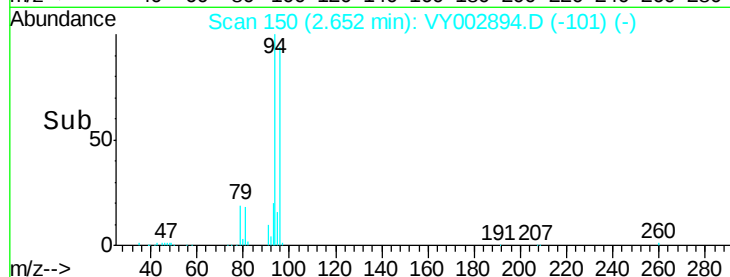
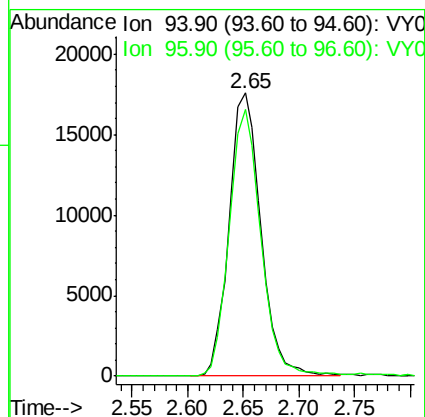
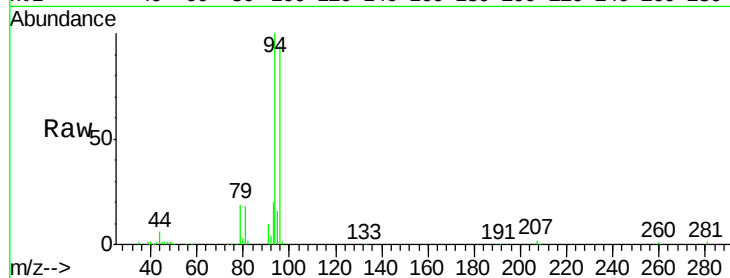
VY0615SBS01

Tot Ion: 94 Resp: 34940

Ion Ratio Lower Upper

94 100

96 94.4 73.7 110.5



#6

Chloroethane

Concen: 21.665 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002894.D

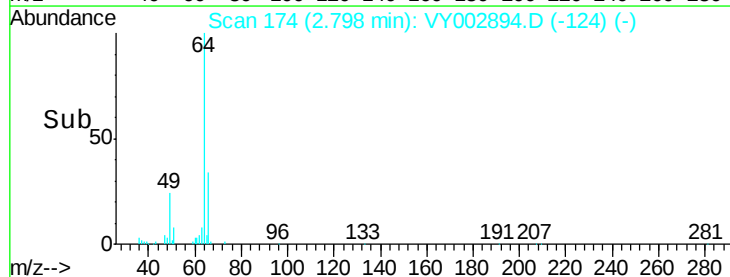
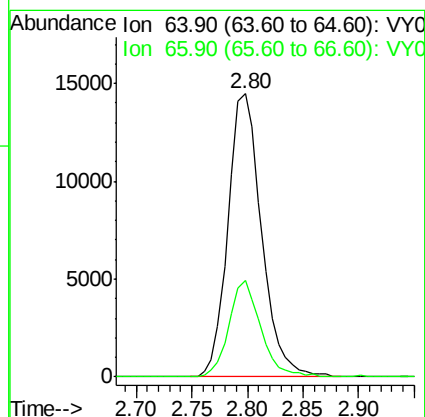
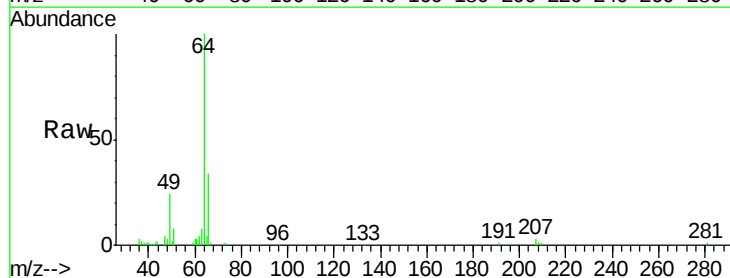
Acq: 15 Jun 2020 11:13

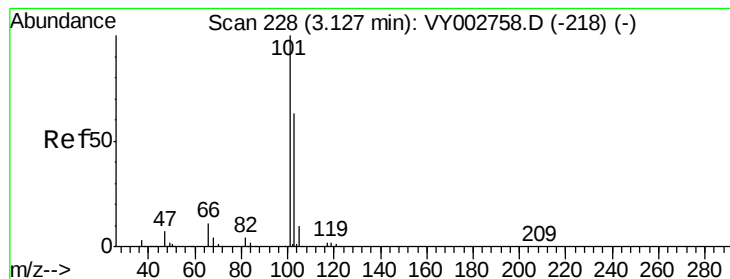
Tgt Ion: 64 Resp: 30285

Ion Ratio Lower Upper

64 100

66 33.9 26.4 39.6



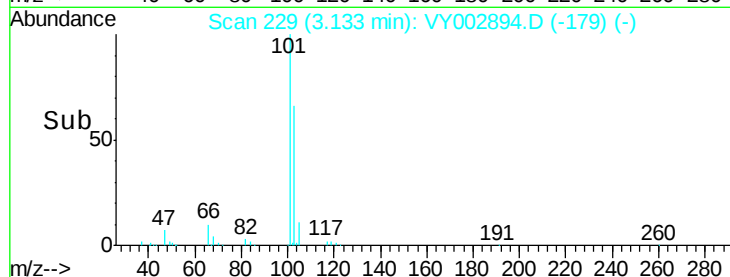
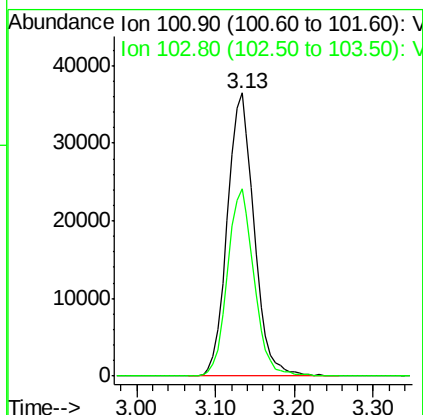
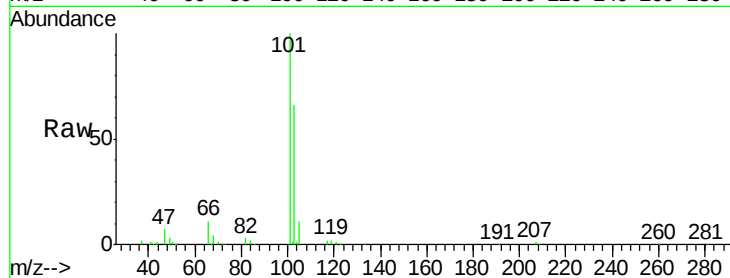


#7

Trichlorofluoromethane
 Concen: 22.563 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
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 VY0615SBS01

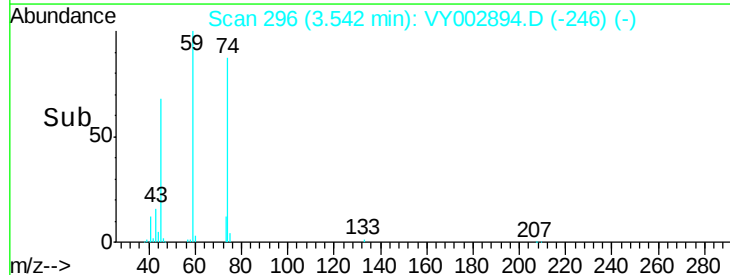
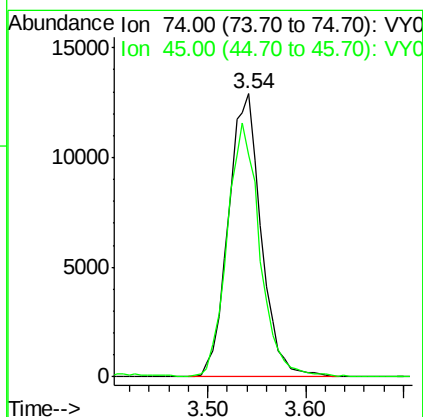
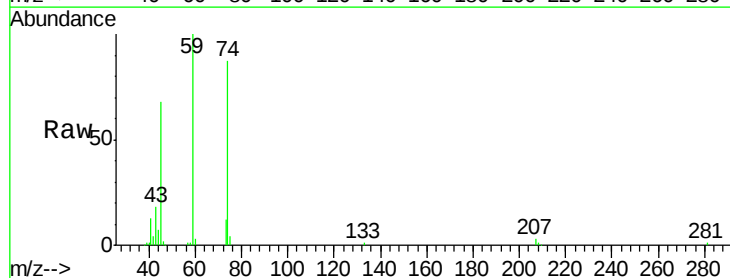
Tot Ion:101 Resp: 86169
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.6 76.0

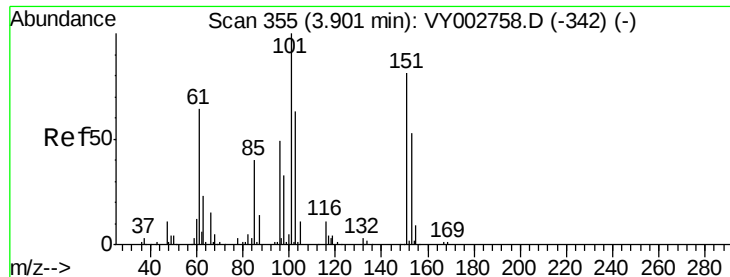


#8

Diethyl Ether
 Concen: 20.142 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion: 74 Resp: 30037
 Ion Ratio Lower Upper
 74 100
 45 89.4 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.534 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

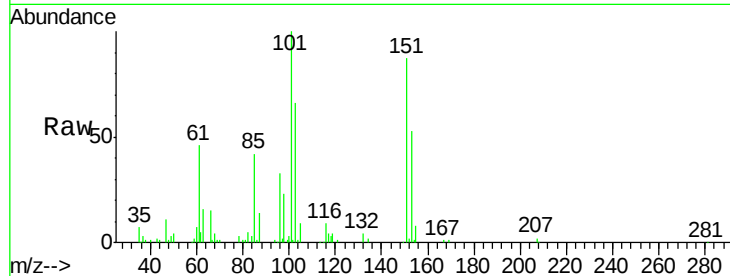
Tot Ion:101 Resp: 51096

Ion Ratio Lower Upper

101 100

85 43.1 32.7 49.1

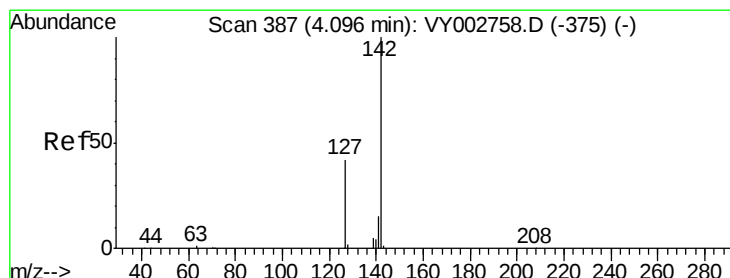
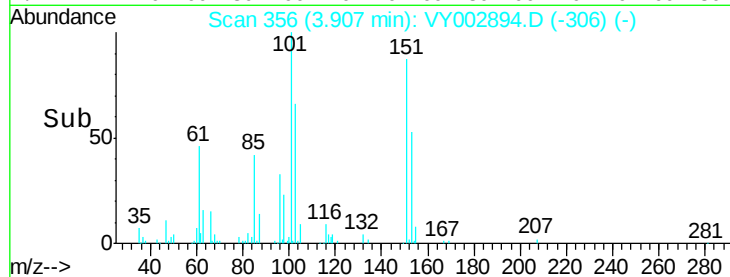
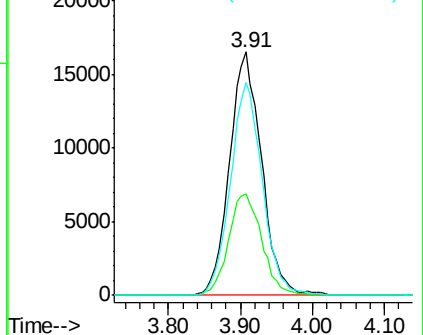
151 87.0 68.0 102.0



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: 20.644 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

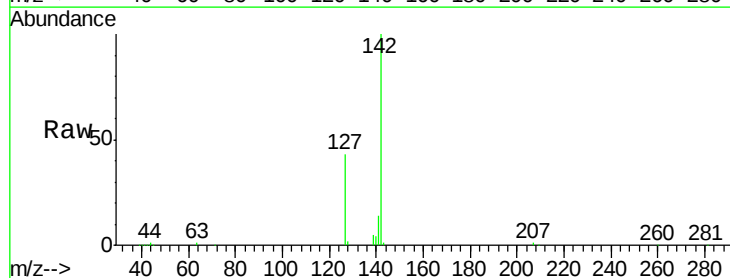
Tgt Ion:142 Resp: 65502

Ion Ratio Lower Upper

142 100

127 42.8 33.3 49.9

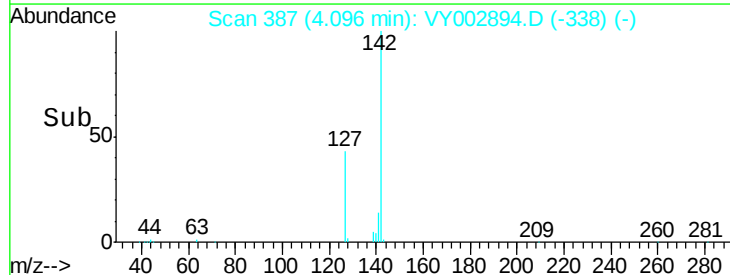
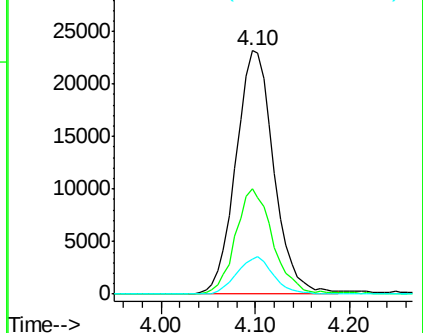
141 14.6 11.5 17.3



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

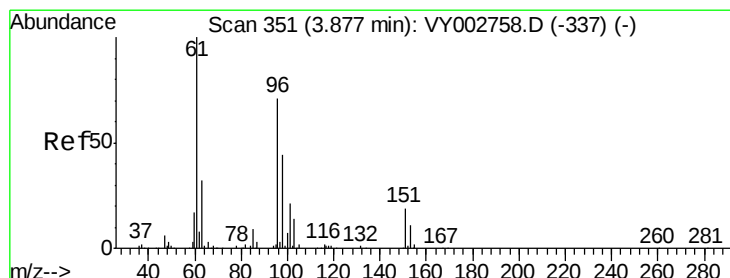
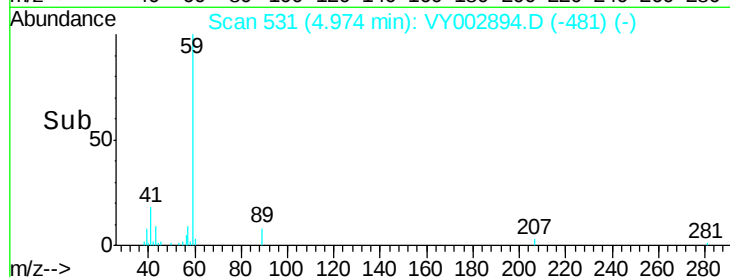
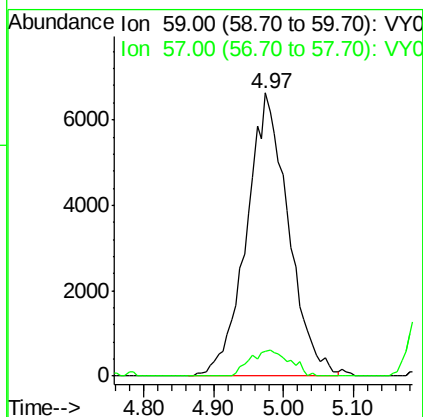
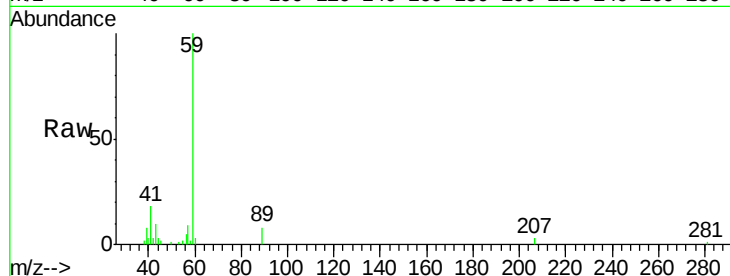




#11
Tert butyl alcohol
Concen: 102.708 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

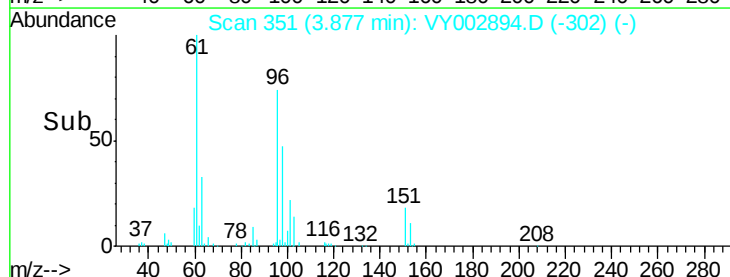
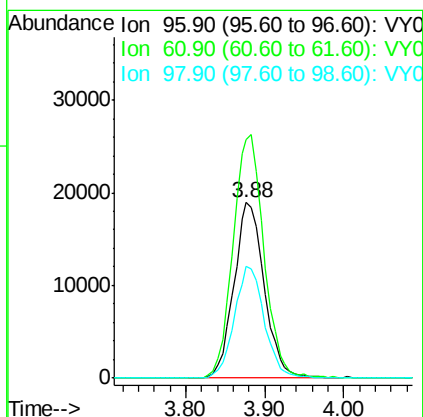
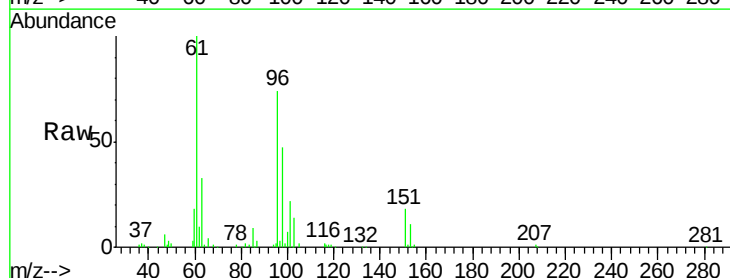
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

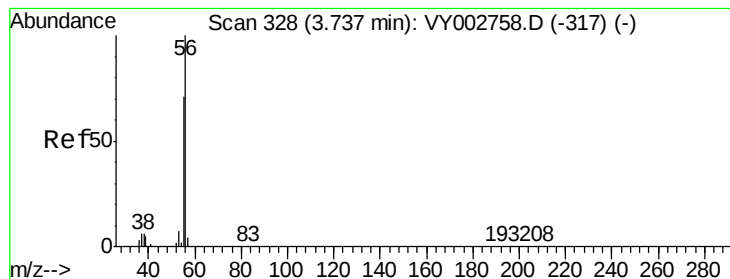
Tot Ion: 59 Resp: 27575
Ion Ratio Lower Upper
59 100
57 8.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 22.271 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion: 96 Resp: 50787
Ion Ratio Lower Upper
96 100
61 135.8 112.6 168.8
98 63.8 50.0 75.0





#13

Acrolein

Concen: 71.548 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

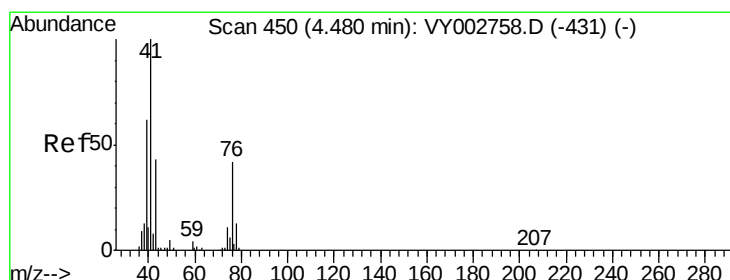
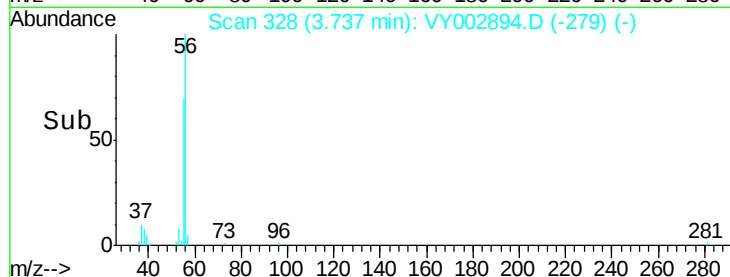
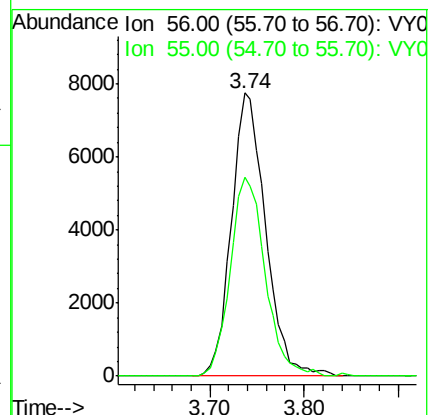
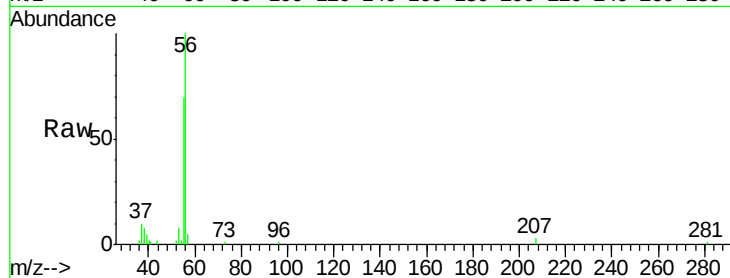
VY0615SBS01

Tot Ion: 56 Resp: 19515

Ion Ratio Lower Upper

56 100

55 72.0 56.0 84.0



#14

Allyl chloride

Concen: 21.809 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

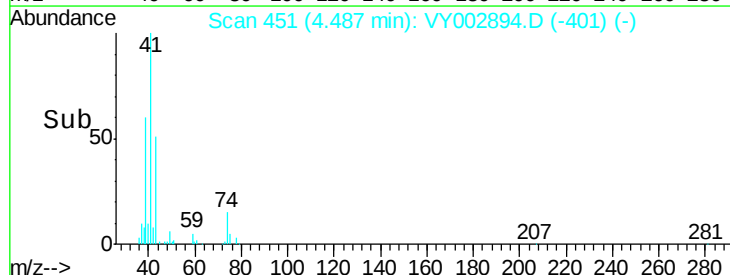
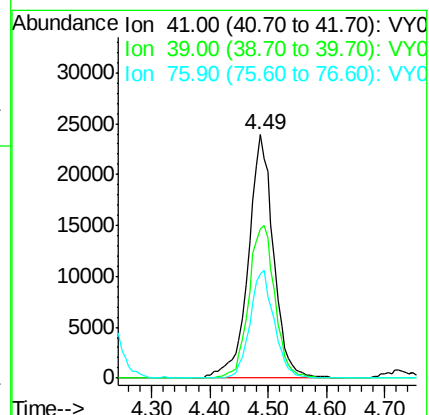
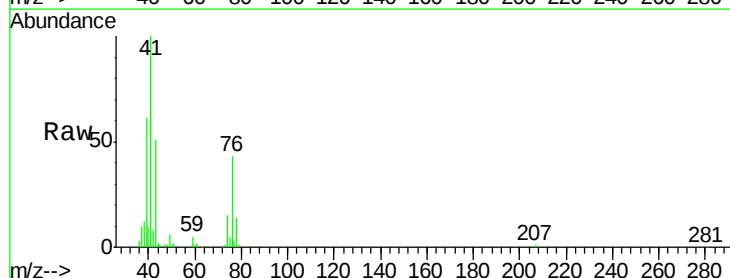
Tgt Ion: 41 Resp: 71330

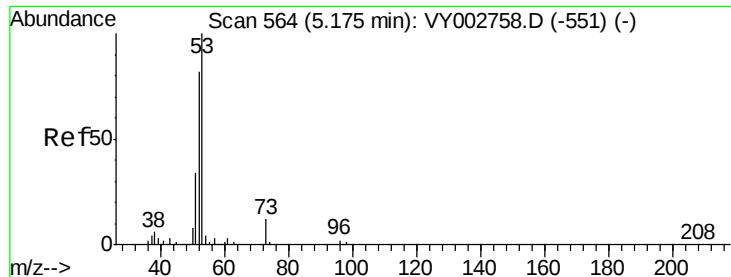
Ion Ratio Lower Upper

41 100

39 65.1 49.9 74.9

76 42.1 33.2 49.8





#15

Acrylonitrile

Concen: 112.530 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

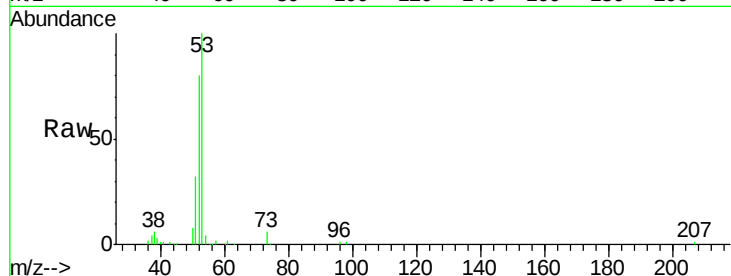
Tot Ion: 53 Resp: 75705

Ion Ratio Lower Upper

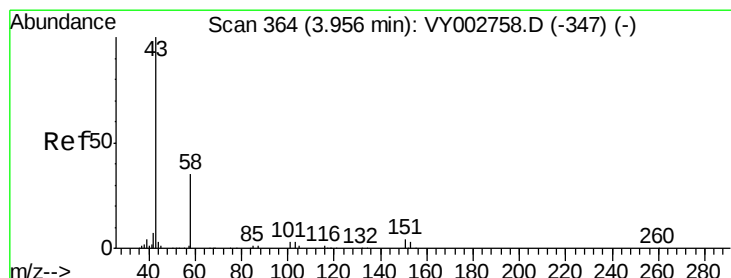
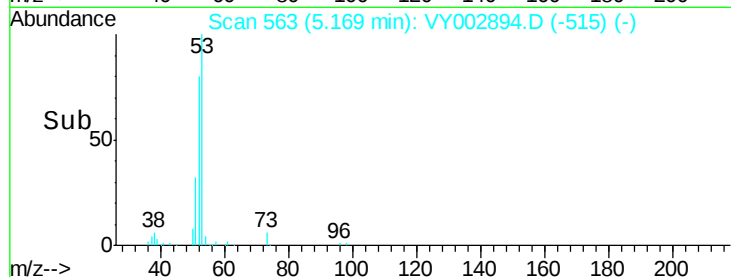
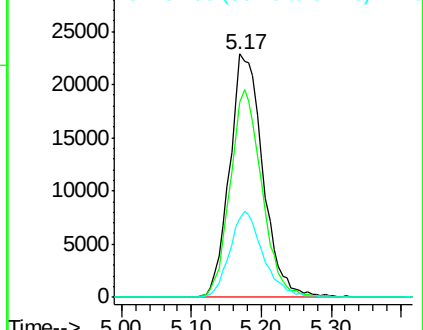
53 100

52 81.3 65.3 97.9

51 35.3 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 114.531 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002894.D

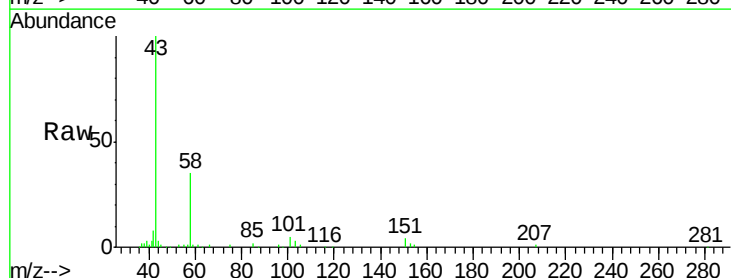
Acq: 15 Jun 2020 11:13

Tgt Ion: 43 Resp: 62507

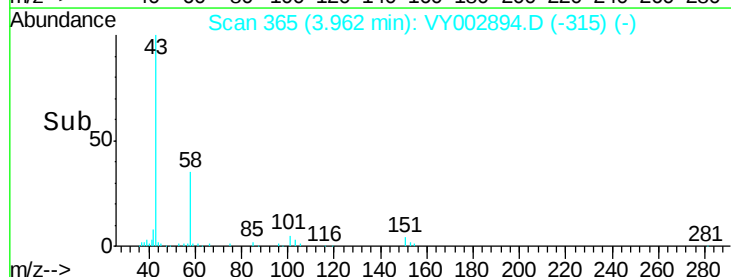
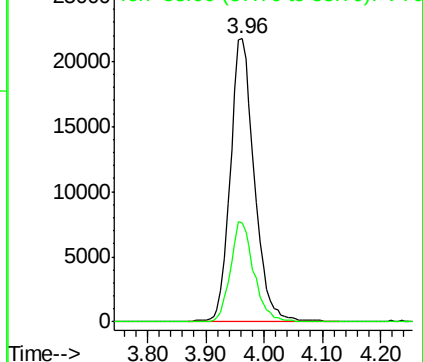
Ion Ratio Lower Upper

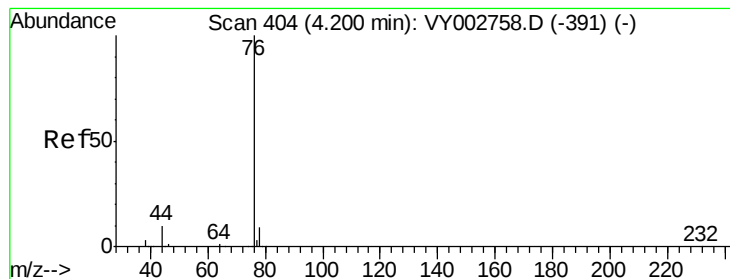
43 100

58 34.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.184 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

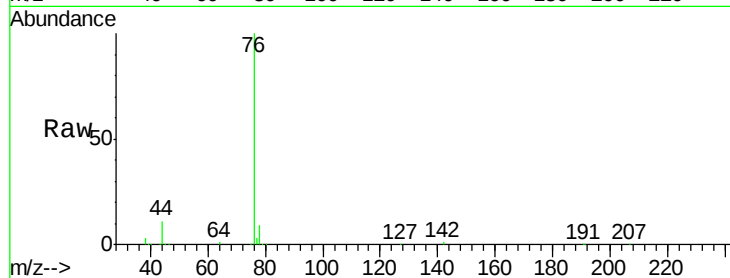
VY0615SBS01

Tot Ion: 76 Resp: 139086

Ion Ratio Lower Upper

76 100

78 8.6 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

60000

50000

40000

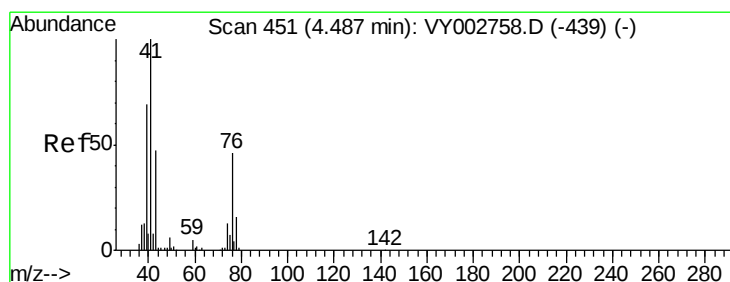
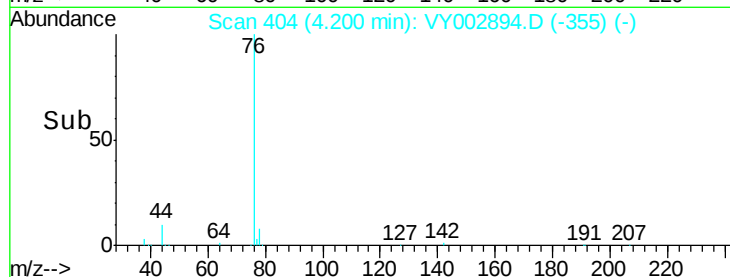
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 25.698 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002894.D

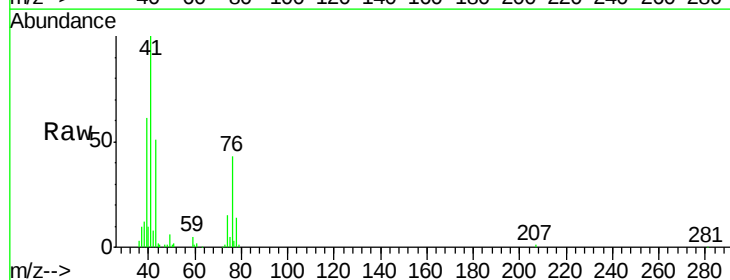
Acq: 15 Jun 2020 11:13

Tgt Ion: 43 Resp: 35836

Ion Ratio Lower Upper

43 100

74 26.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

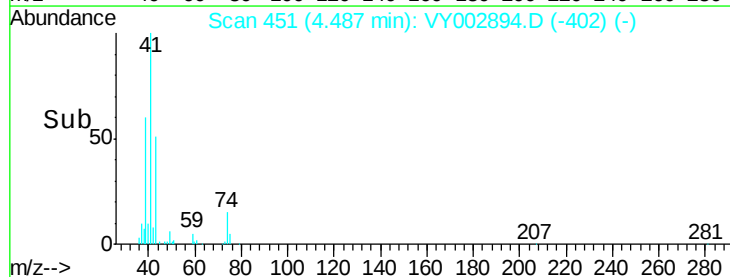
4.49

10000

5000

0

Time-->



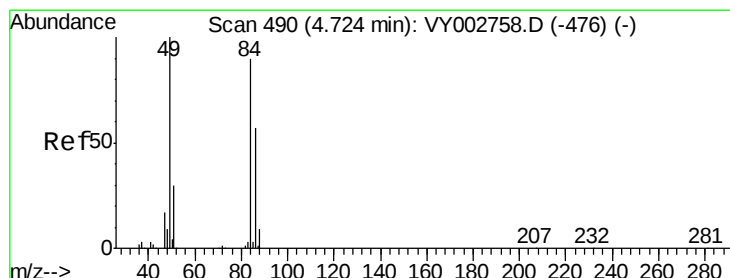
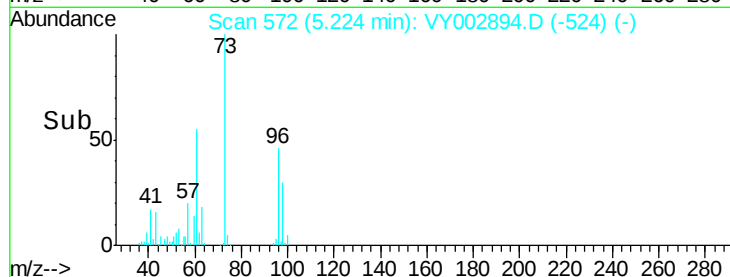
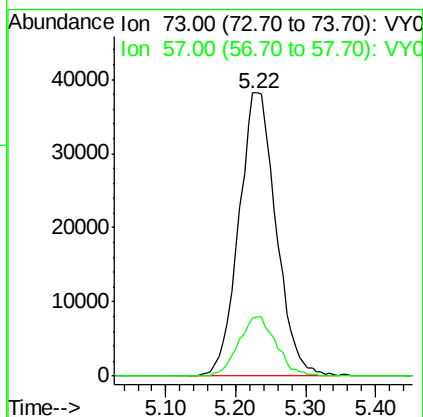
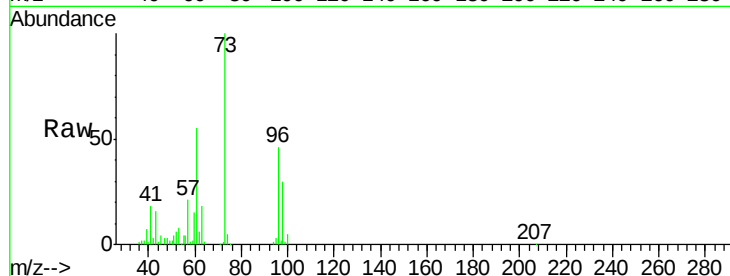


#19

Methyl tert-butyl Ether
 Concen: 22.446 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

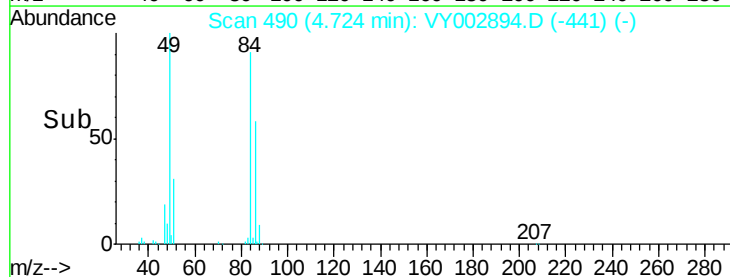
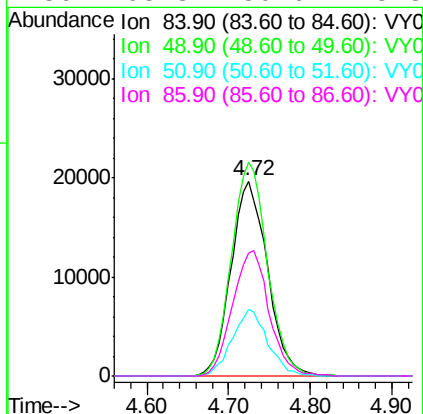
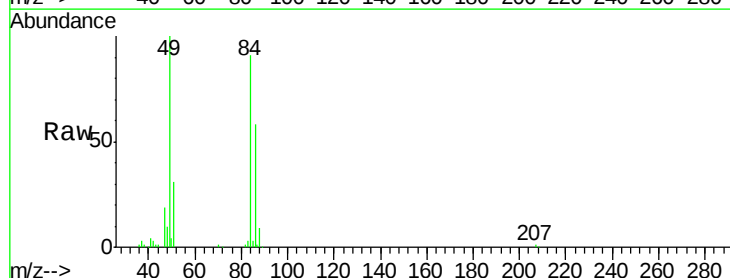
Tot Ion: 73 Resp: 141305
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.0 25.4



#20

Methylene Chloride
 Concen: 22.755 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion: 84 Resp: 60691
 Ion Ratio Lower Upper
 84 100
 49 109.6 88.5 132.7
 51 34.4 26.8 40.2
 86 63.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.824 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

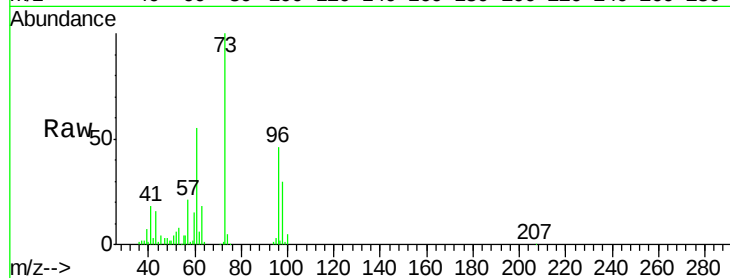
Tot Ion: 96 Resp: 55969

Ion Ratio Lower Upper

96 100

61 119.2 96.8 145.2

98 64.1 49.4 74.0

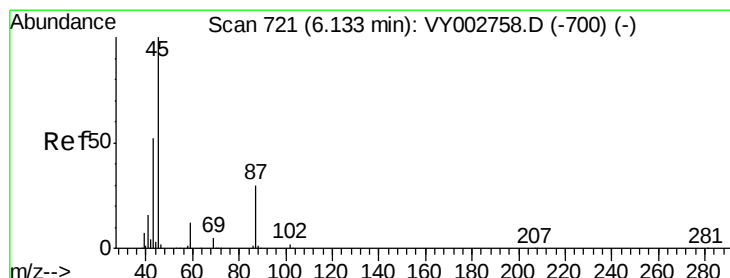
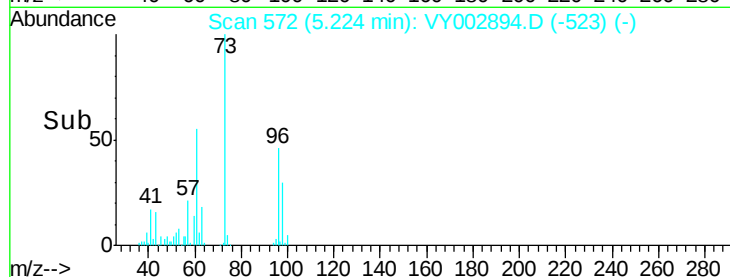
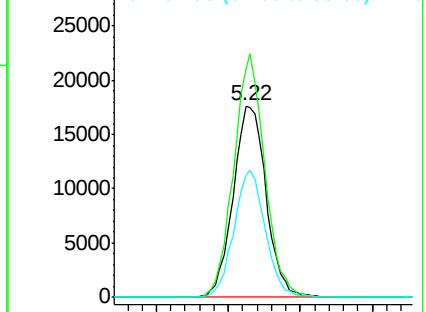


Abundance

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: 22.201 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion: 45 Resp: 150891

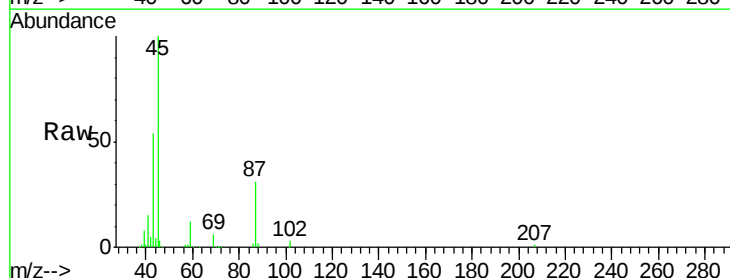
Ion Ratio Lower Upper

45 100

43 54.2 41.7 62.5

87 30.5 24.2 36.2

59 12.1 9.8 14.8



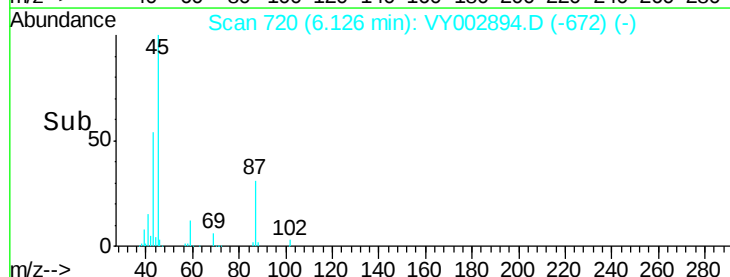
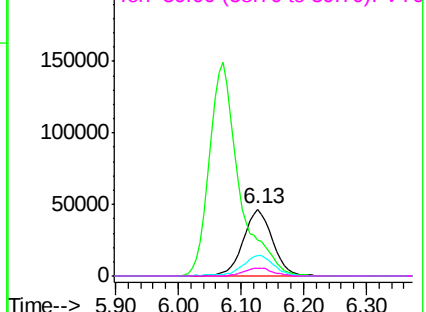
Abundance

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: 109.119 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

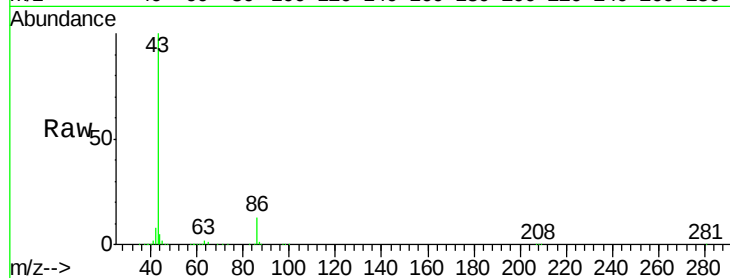
VY0615SBS01

Tot Ion: 43 Resp: 489642

Ion Ratio Lower Upper

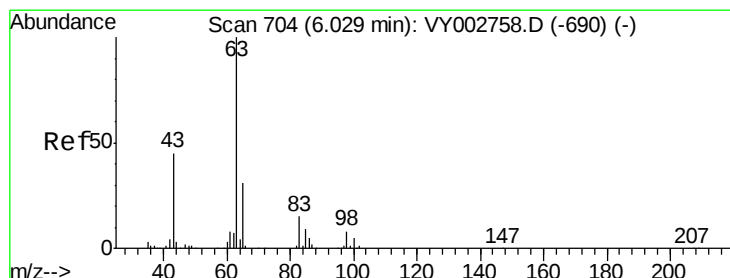
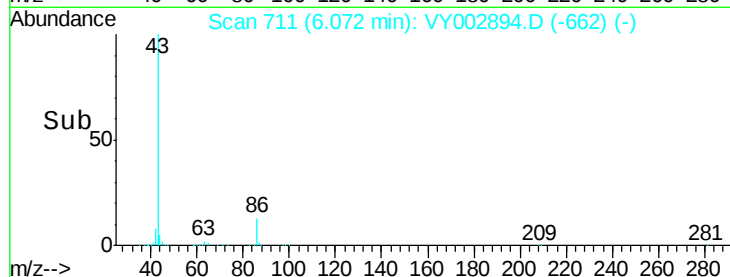
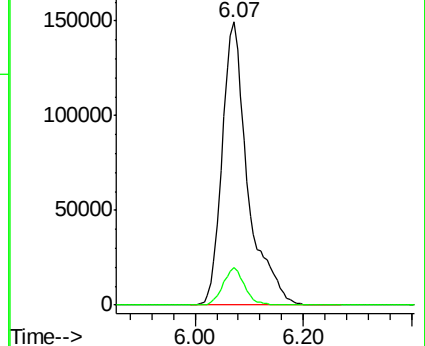
43 100

86 13.1 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.436 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

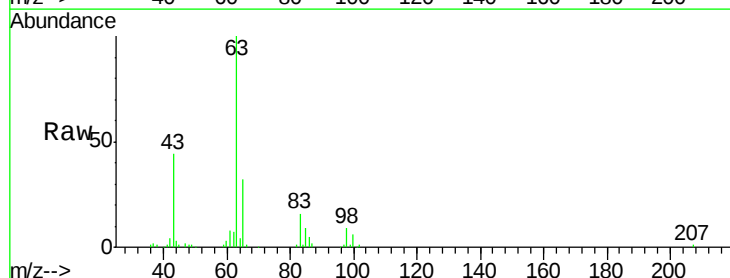
Tgt Ion: 63 Resp: 89202

Ion Ratio Lower Upper

63 100

98 9.1 4.0 12.2

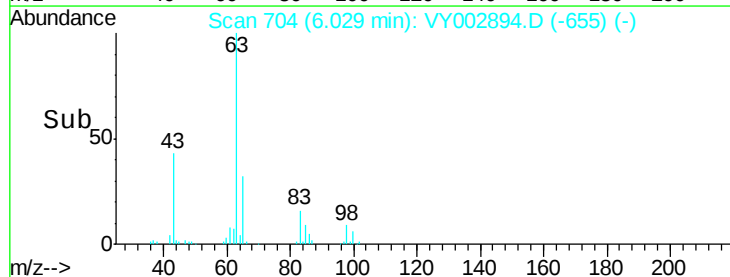
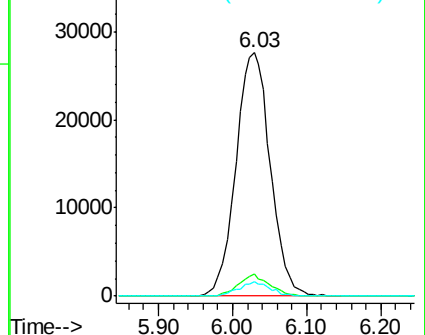
100 6.1 2.4 7.1

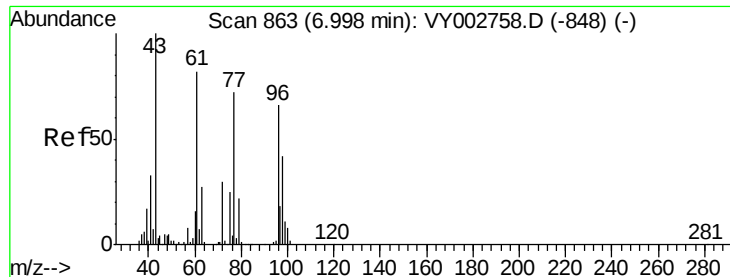


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

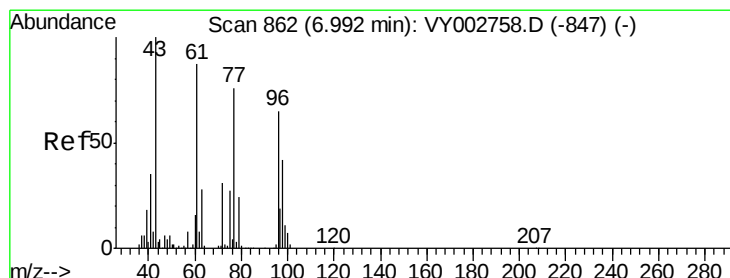
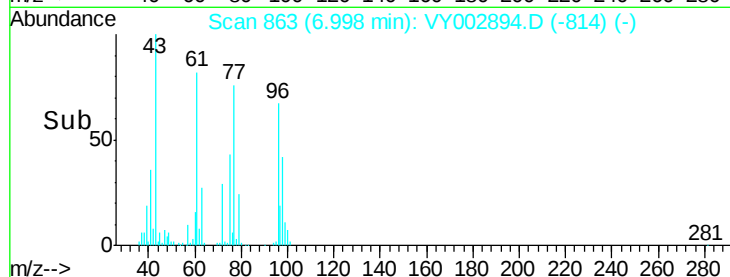
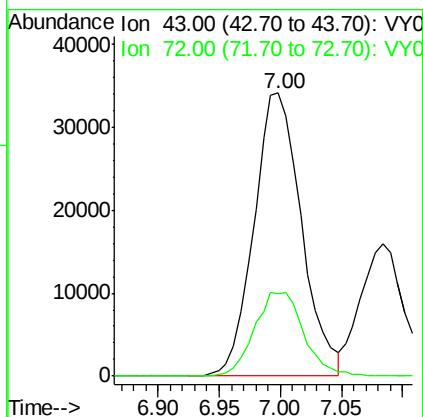
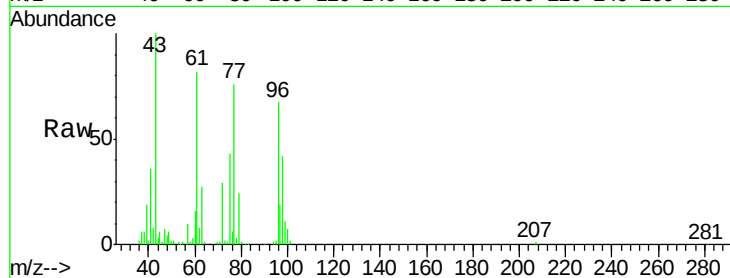




#25
2-Butanone
Concen: 108.457 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

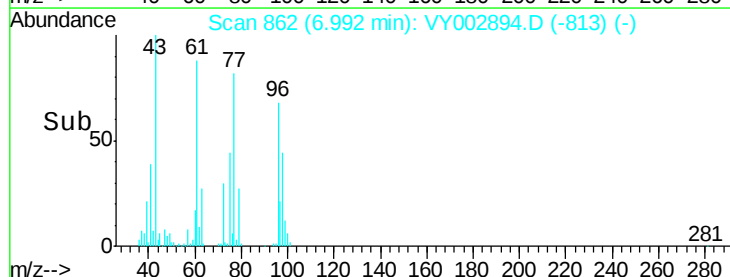
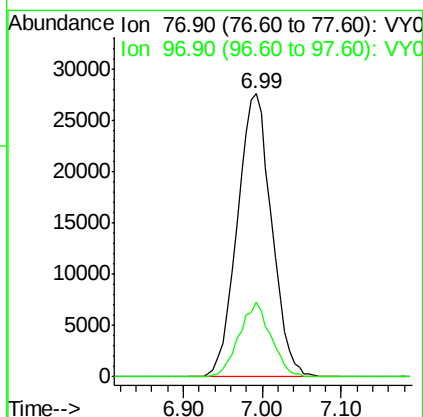
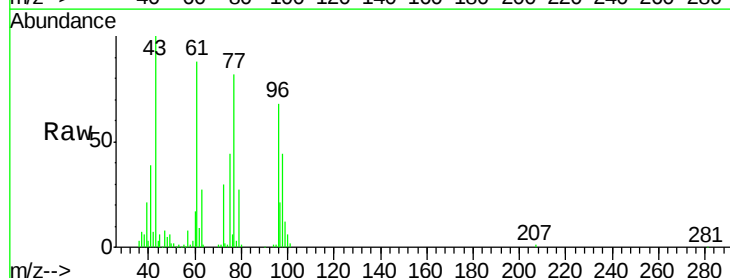
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion: 43 Resp: 92221
Ion Ratio Lower Upper
43 100
72 29.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 21.894 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion: 77 Resp: 83484
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.6



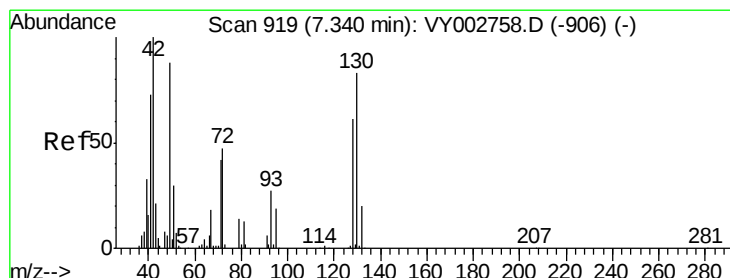
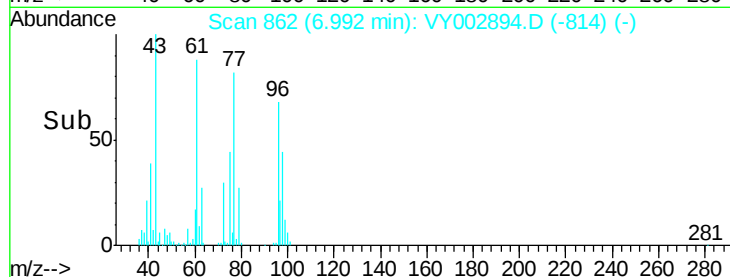
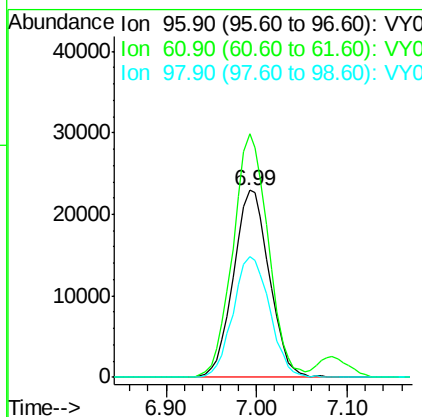
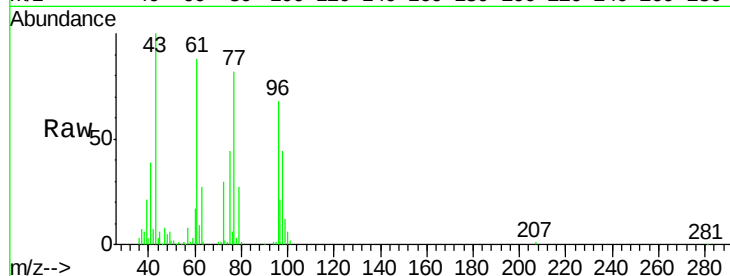


#27

cis-1,2-Dichloroethene
 Concen: 21.918 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

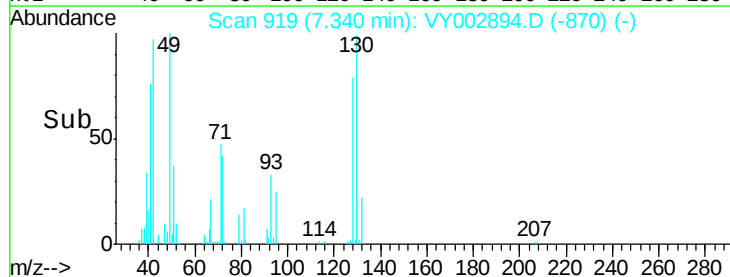
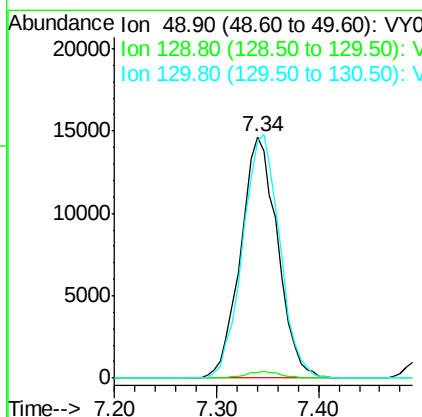
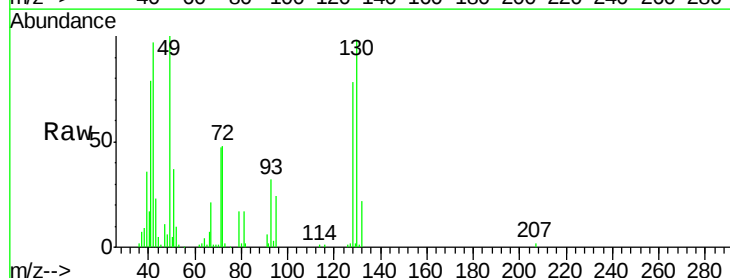
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.2	0.0	260.2
98	65.8	0.0	128.2



#28

Bromochloromethane
 Concen: 22.579 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	101.1	77.1	115.7





#29

Tetrahydrofuran

Concen: 109.082 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

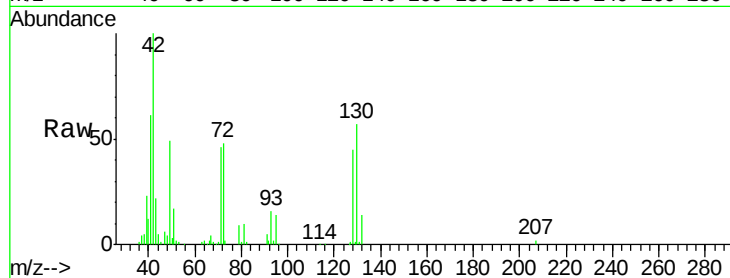
Tot Ion: 42 Resp: 60332

Ion Ratio Lower Upper

42 100

72 50.3 38.6 58.0

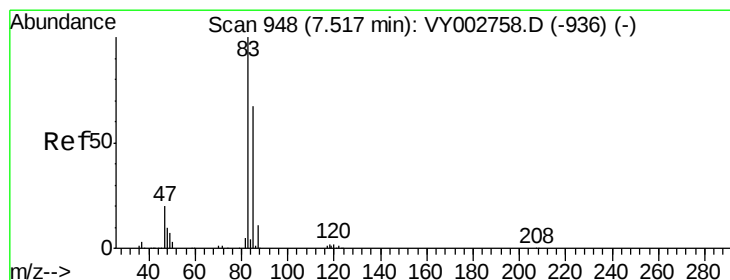
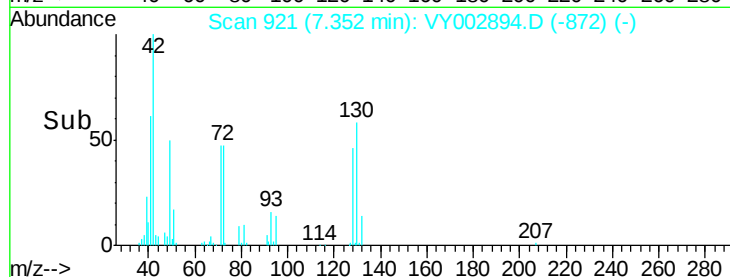
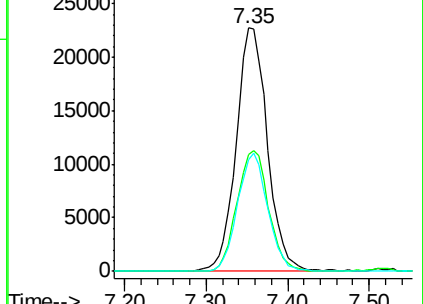
71 46.9 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 22.588 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002894.D

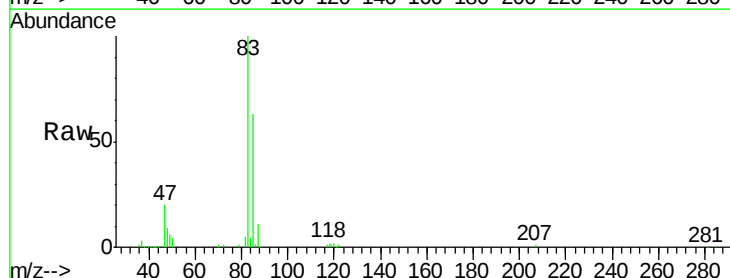
Acq: 15 Jun 2020 11:13

Tgt Ion: 83 Resp: 95295

Ion Ratio Lower Upper

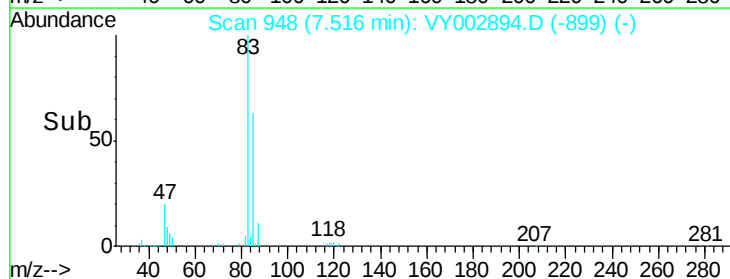
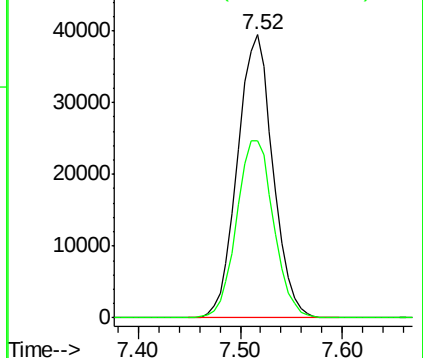
83 100

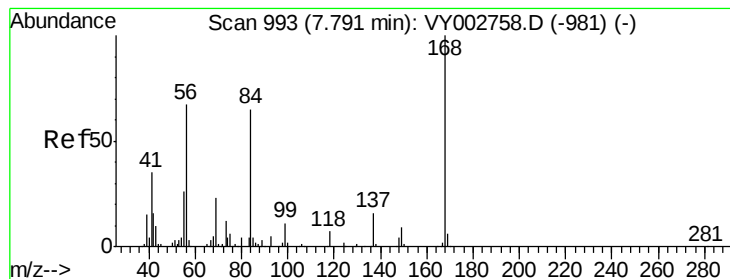
85 62.6 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.464 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampled :

VY0615SBS01

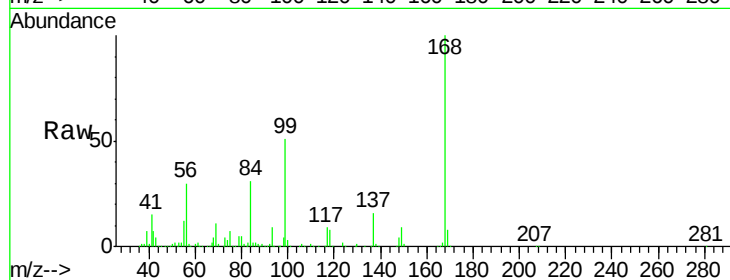
Tot Ion: 56 Resp: 80779

Ion Ratio Lower Upper

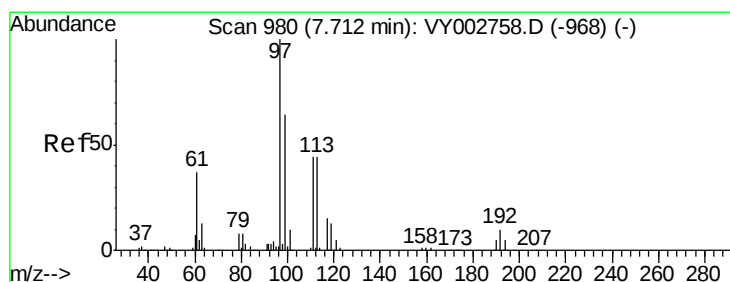
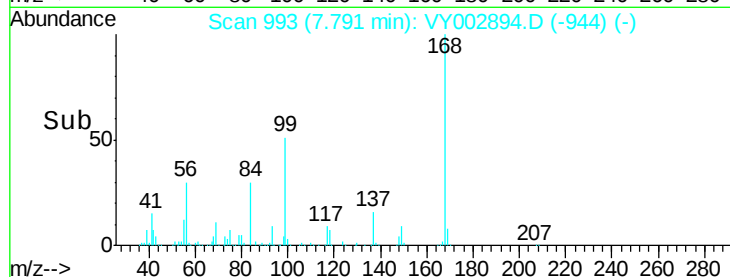
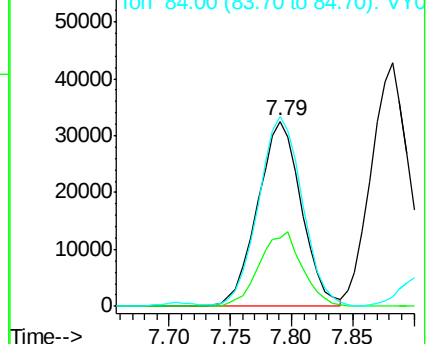
56 100

69 37.3 28.0 42.0

84 100.9 77.7 116.5



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: 22.639 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

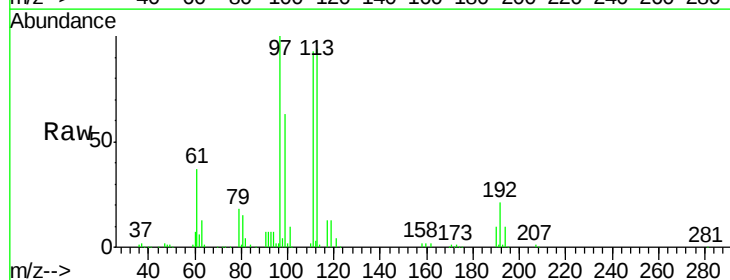
Tgt Ion: 97 Resp: 89004

Ion Ratio Lower Upper

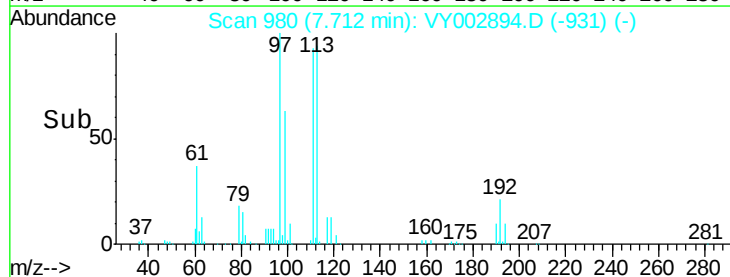
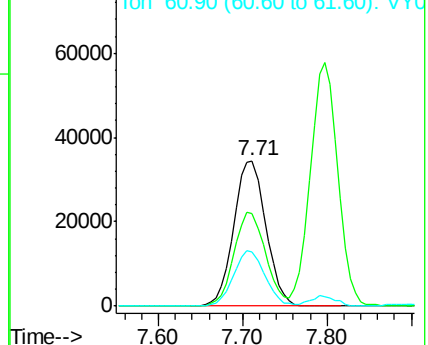
97 100

99 64.1 51.4 77.0

61 37.5 30.1 45.1



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

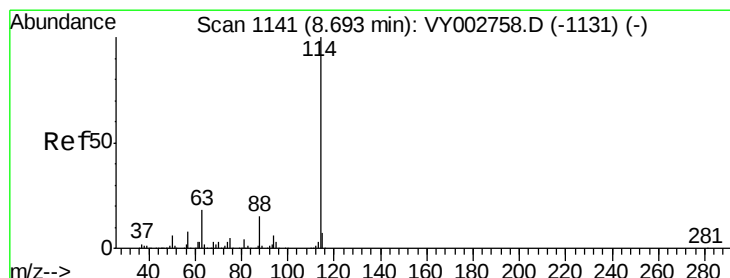
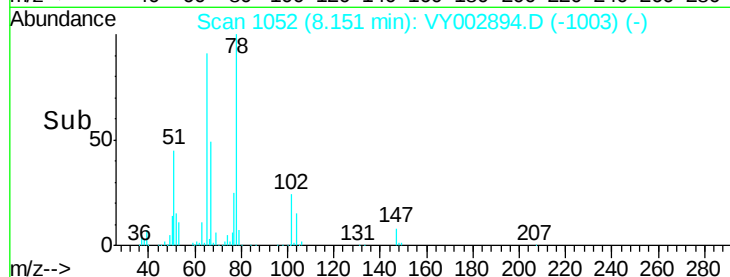
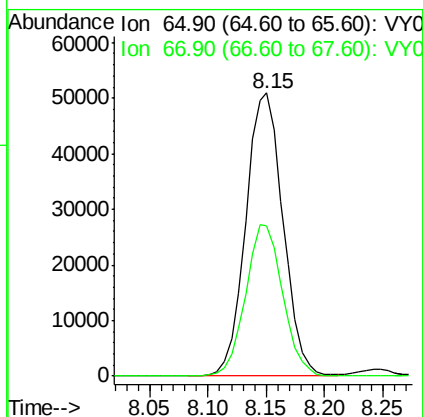
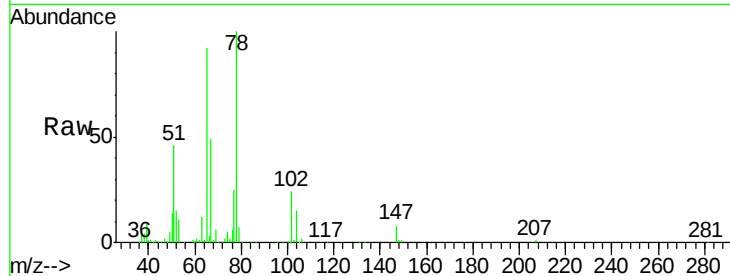




#33
 1,2-Dichloroethane-d4
 Concen: 48.743 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

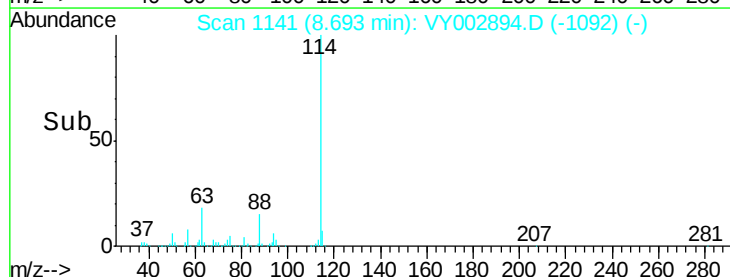
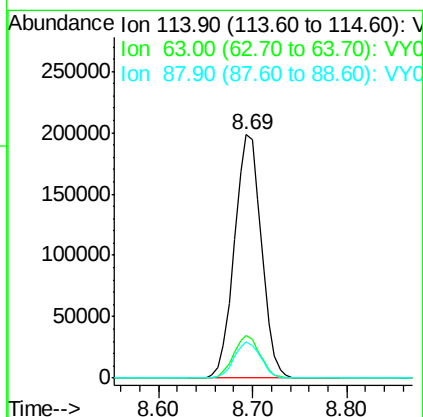
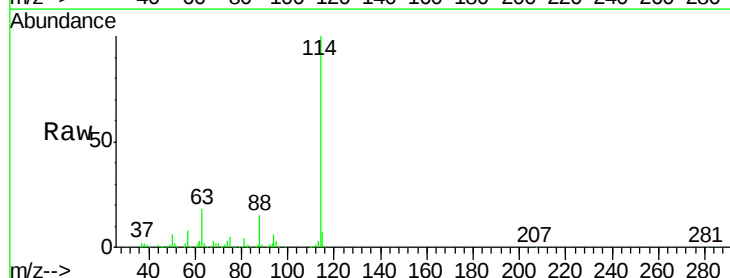
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

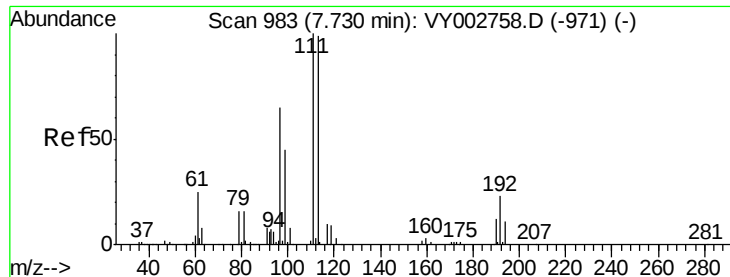
Tot Ion: 65 Resp: 113449
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion: 114 Resp: 394689
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 14.8 0.0 29.2

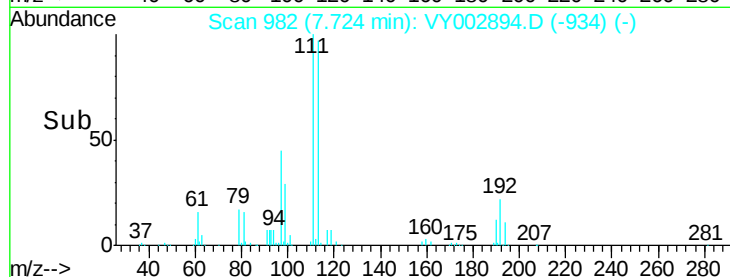
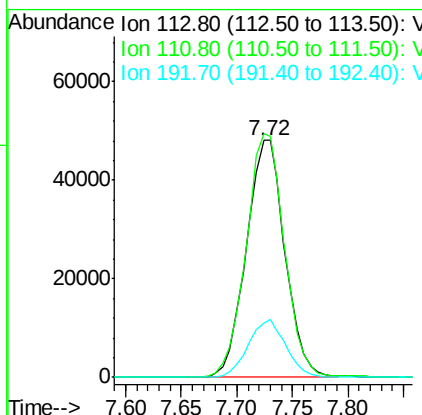
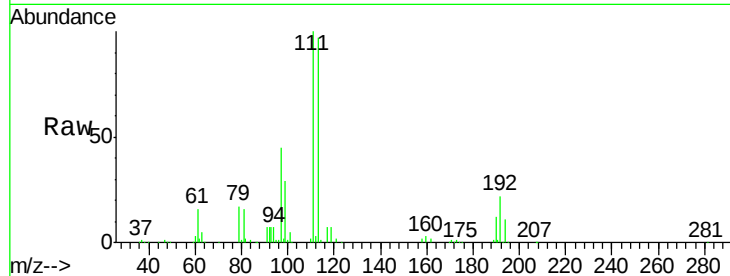




#35
 Dibromofluoromethane
 Concen: 50.105 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

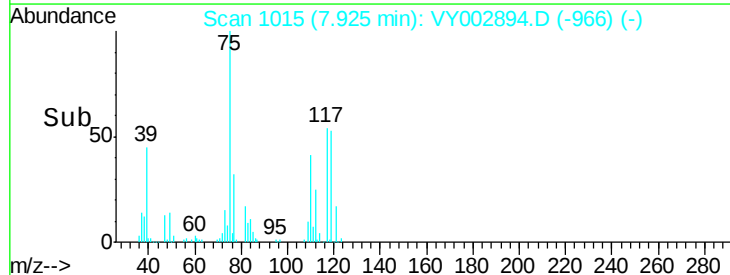
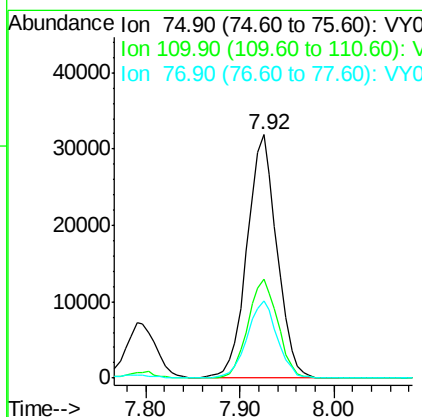
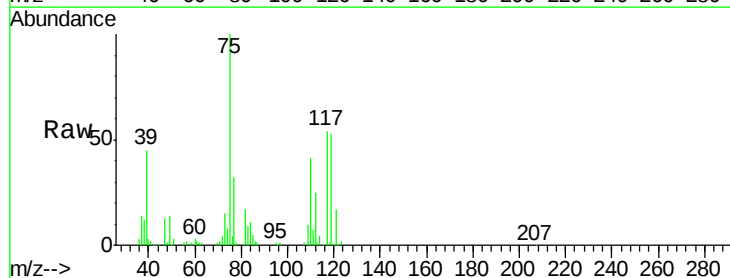
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

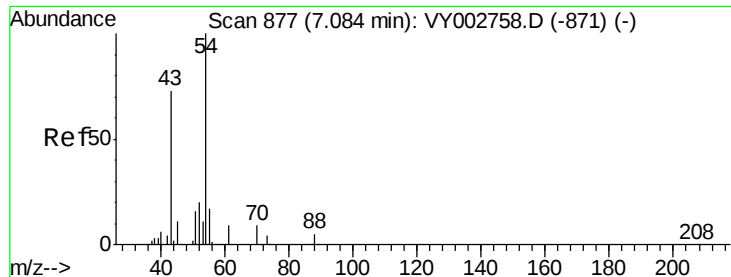
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.7	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.409 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.4	19.3	57.9
77	31.8	24.8	37.2

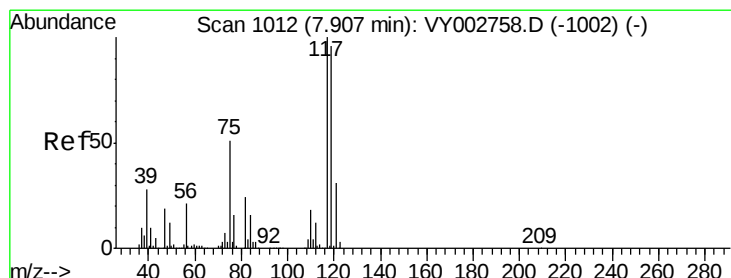
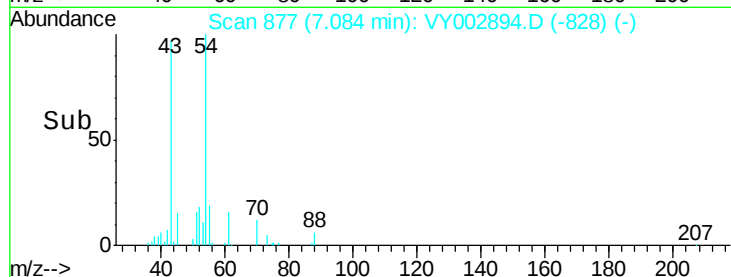
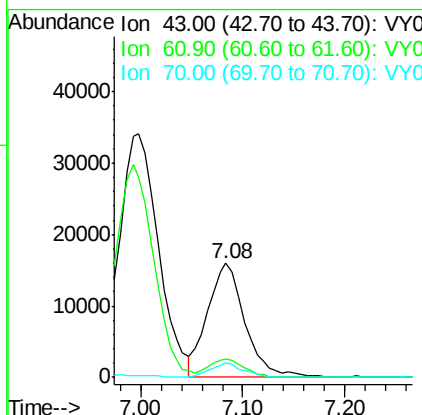
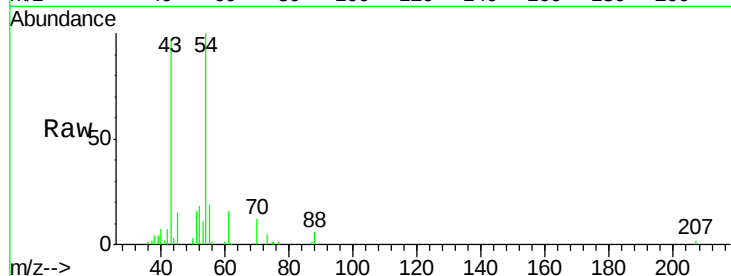




#37
Ethyl Acetate
Concen: 22.615 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

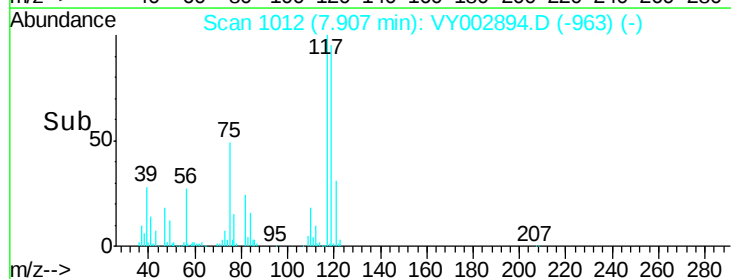
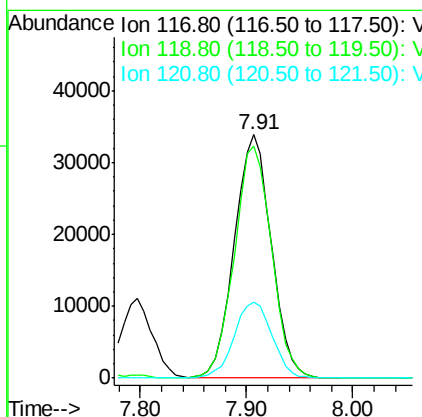
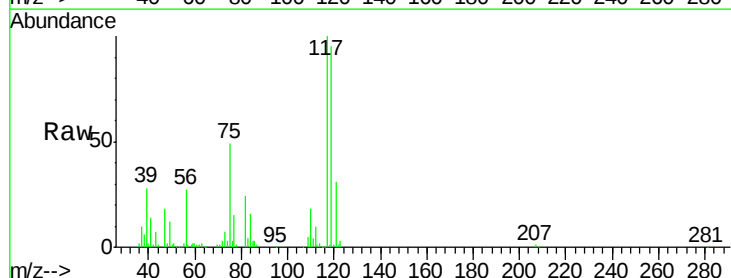
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

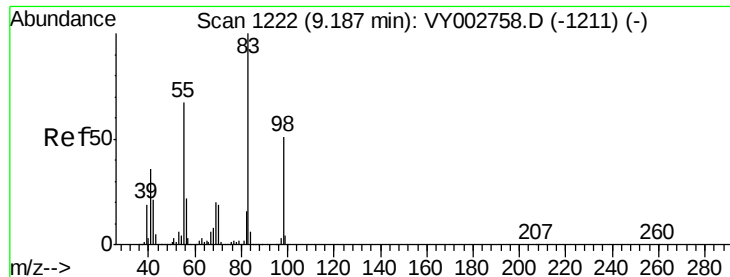
Tot Ion: 43 Resp: 40908
Ion Ratio Lower Upper
43 100
61 15.4 11.9 17.9
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 22.329 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion: 117 Resp: 82470
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2
121 31.3 24.8 37.2

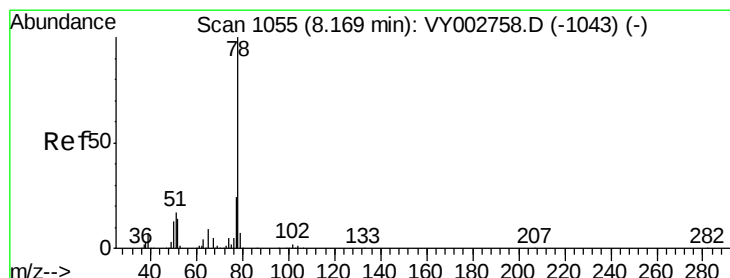
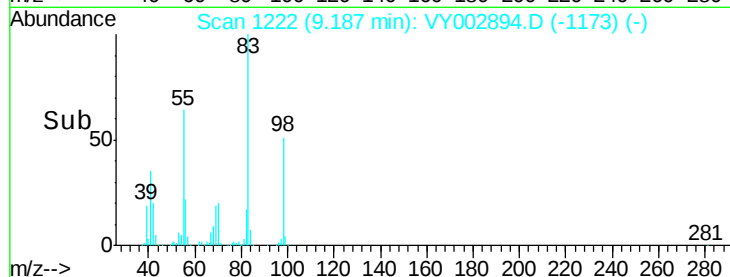
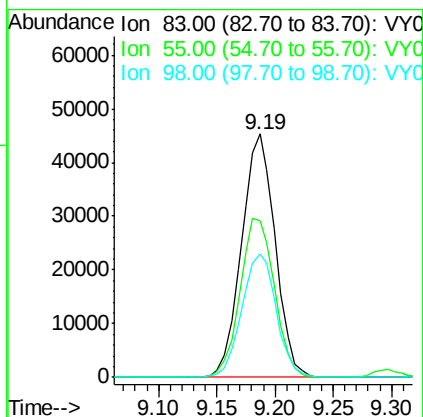
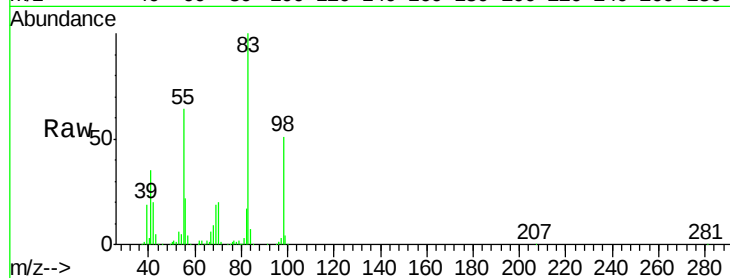




#39
Methvlcvclohexane
Concen: 20.841 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

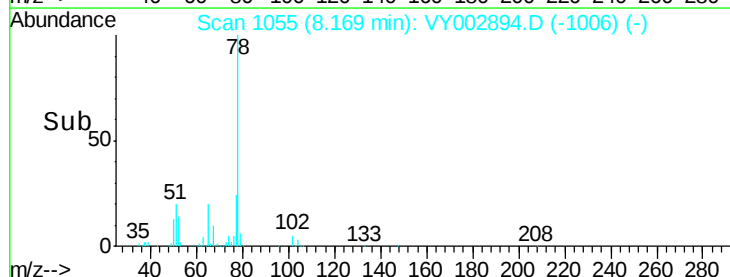
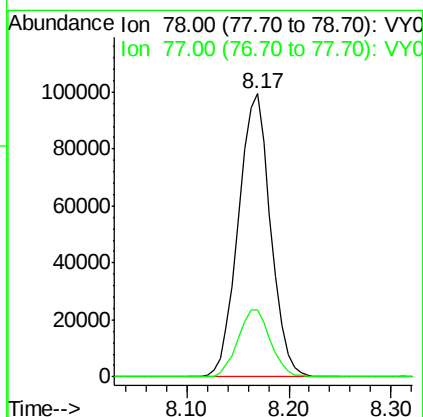
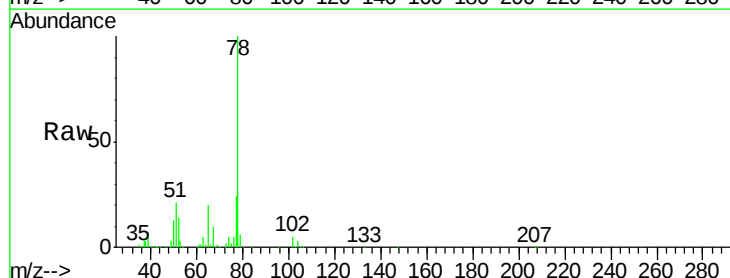
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

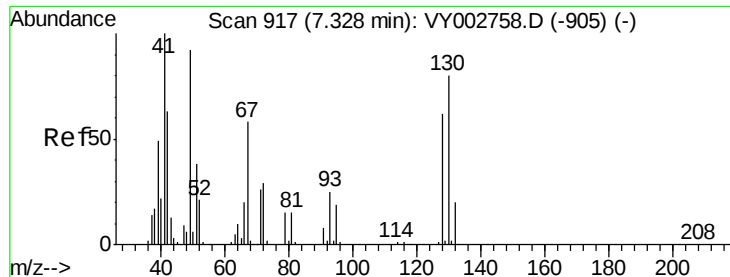
Tot Ion: 83 Resp: 91332
Ion Ratio Lower Upper
83 100
55 64.1 53.3 79.9
98 50.8 41.1 61.7



#40
Benzene
Concen: 22.136 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion: 78 Resp: 217466
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

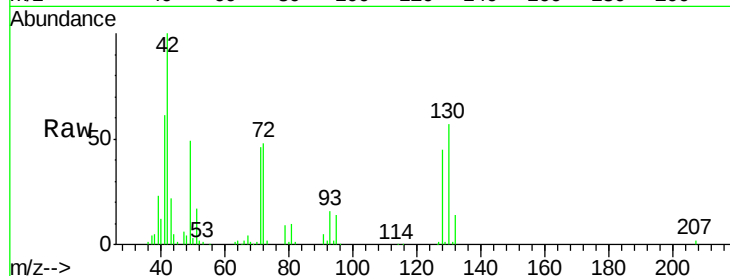




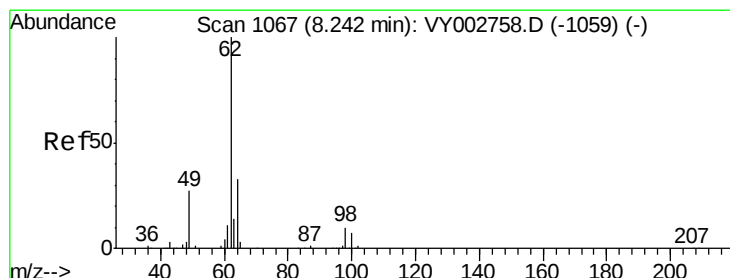
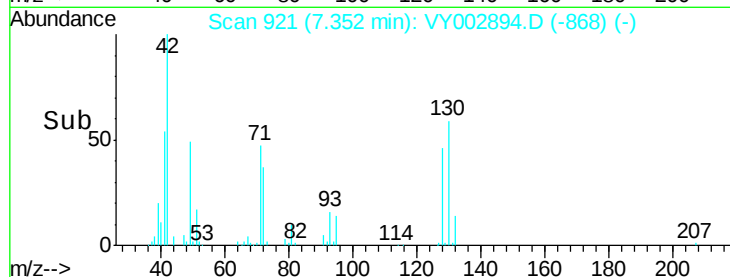
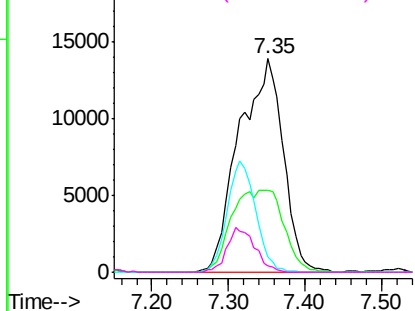
#41
Methacrylonitrile
Concen: 57.459 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion:	41	Resp:	55839
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

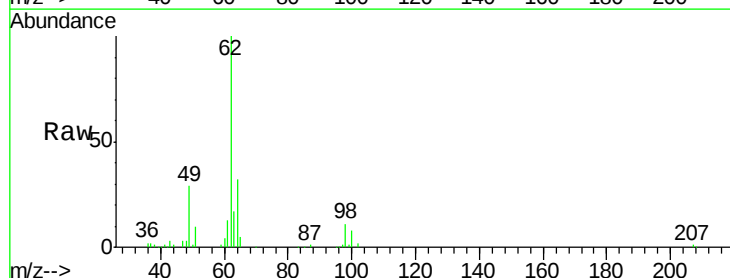


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

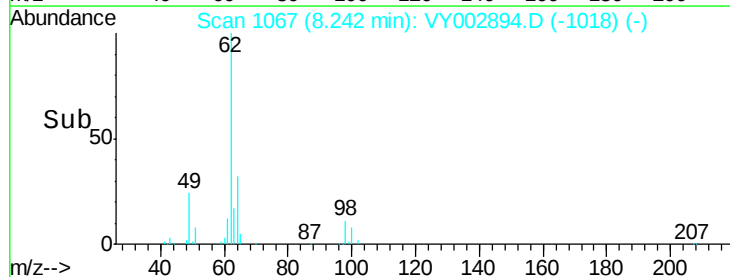
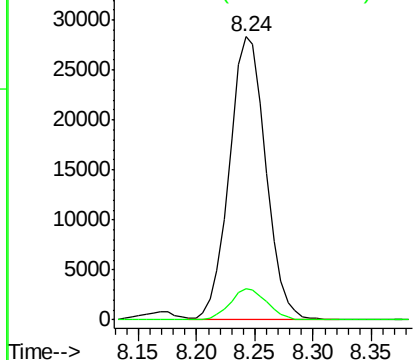


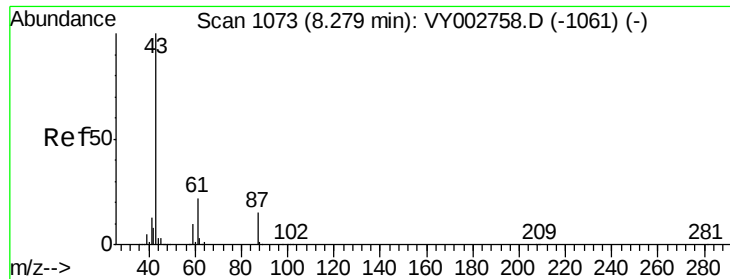
#42
1,2-Dichloroethane
Concen: 22.436 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion:	62	Resp:	61772
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 22.116 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

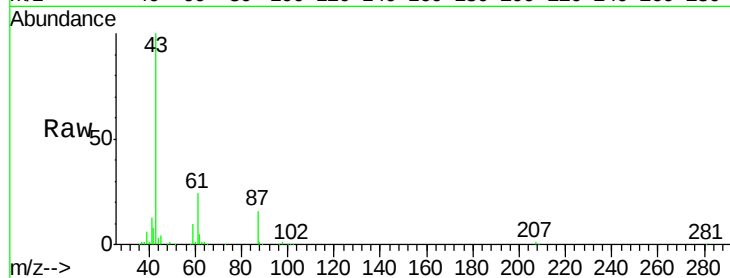
Tot Ion: 43 Resp: 75812

Ion Ratio Lower Upper

43 100

61 32.5 24.8 37.2

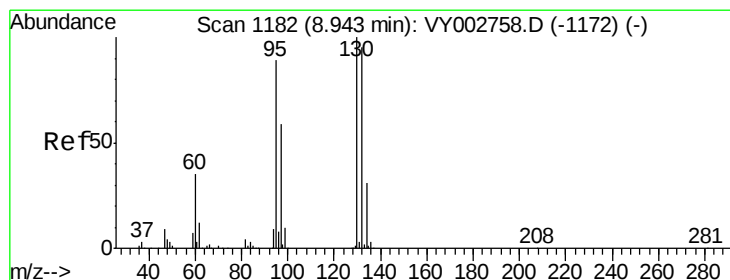
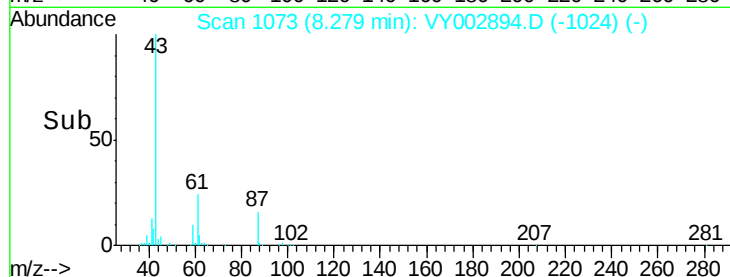
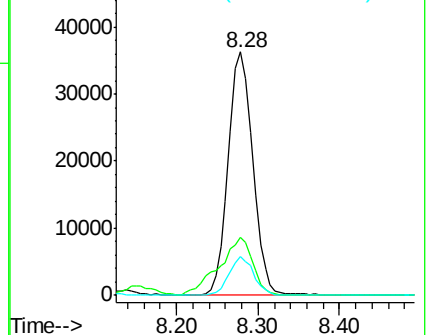
87 15.8 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002894.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002894.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002894.D (-1061) (-)



#44

Trichloroethene

Concen: 21.766 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002894.D

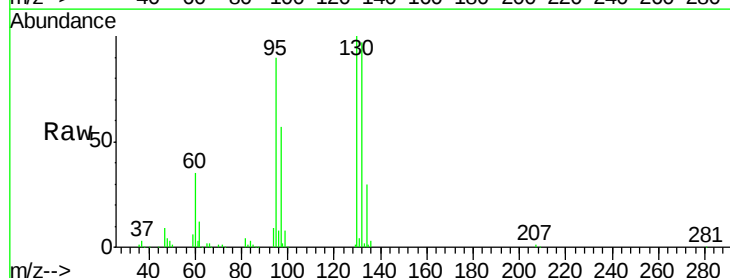
Acq: 15 Jun 2020 11:13

Tgt Ion: 130 Resp: 67543

Ion Ratio Lower Upper

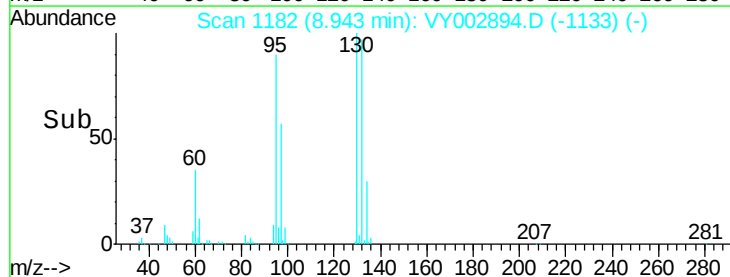
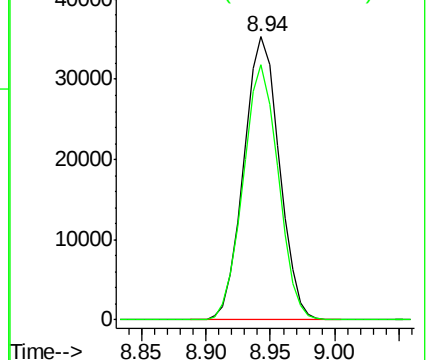
130 100

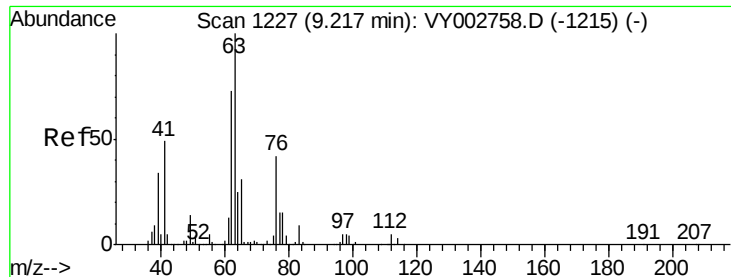
95 90.0 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002894.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002894.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 22.354 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

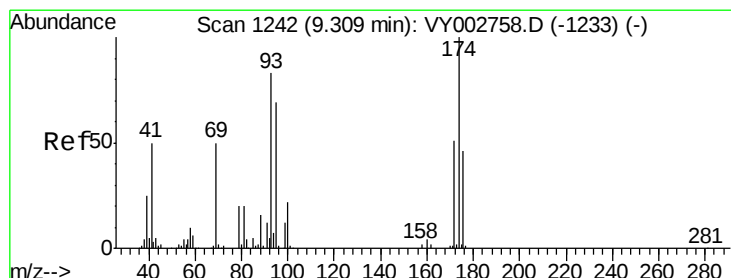
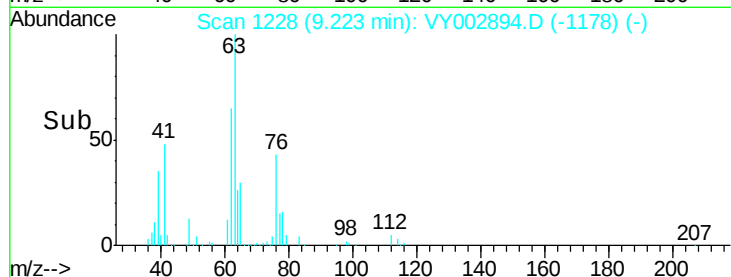
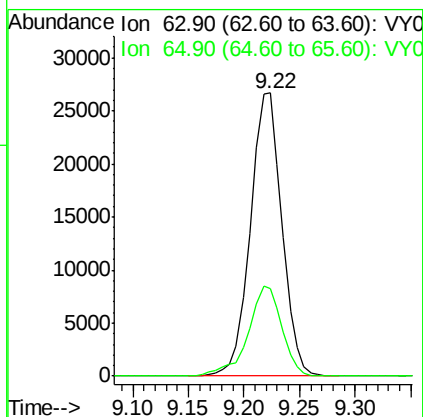
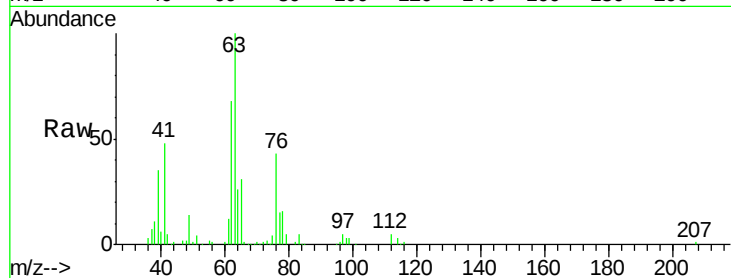
VY0615SBS01

Tot Ion: 63 Resp: 52664

Ion Ratio Lower Upper

63 100

65 30.7 24.8 37.2



#46

Dibromomethane

Concen: 22.683 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

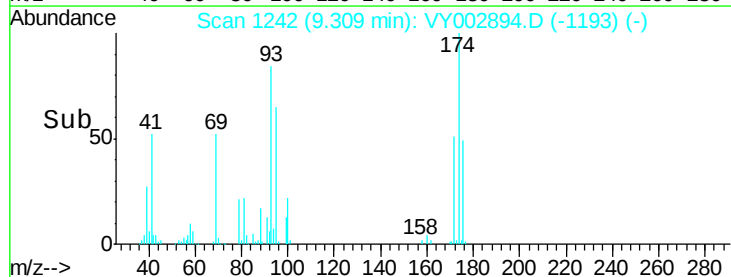
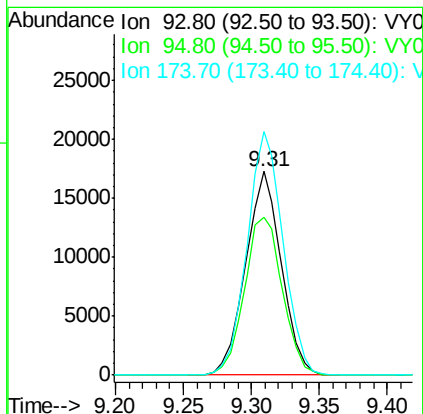
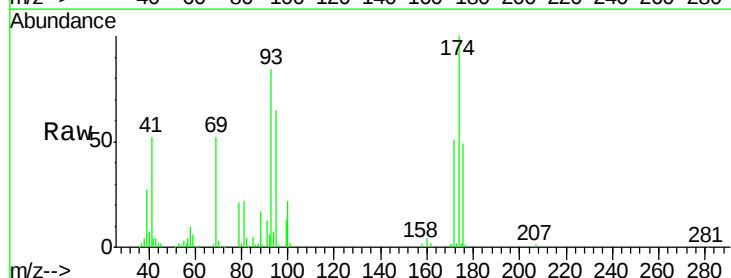
Tgt Ion: 93 Resp: 31737

Ion Ratio Lower Upper

93 100

95 82.5 66.9 100.3

174 120.1 97.7 146.5





#47

Bromodichloromethane

Concen: 22.896 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

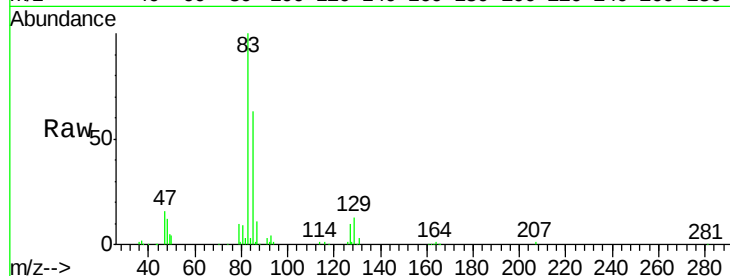
Tot Ion: 83 Resp: 75522

Ion Ratio Lower Upper

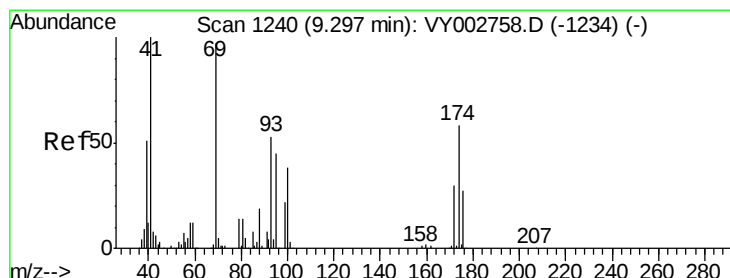
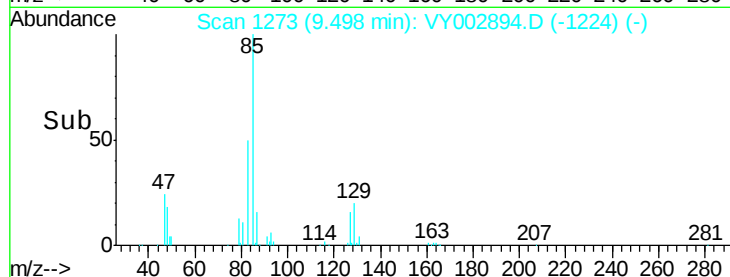
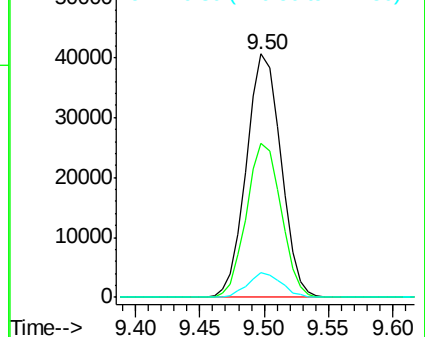
83 100

85 63.5 51.9 77.9

127 10.2 7.1 10.7



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): VY0



#48

Methyl methacrylate

Concen: 21.926 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

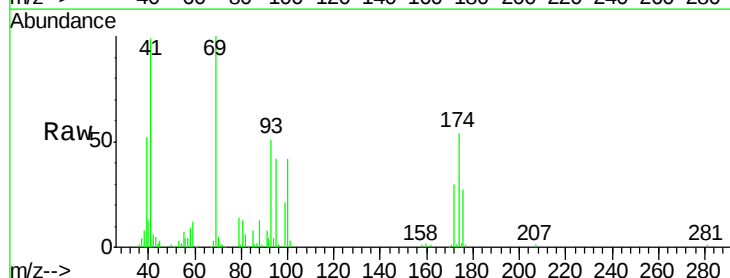
Tgt Ion: 41 Resp: 33929

Ion Ratio Lower Upper

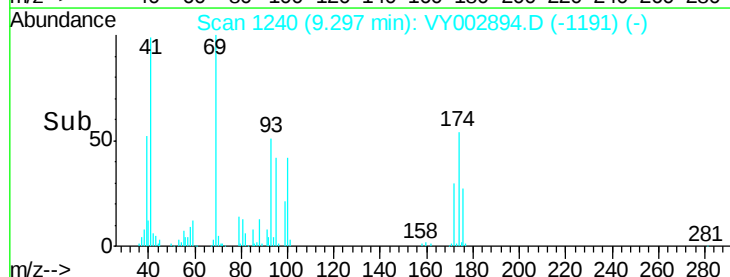
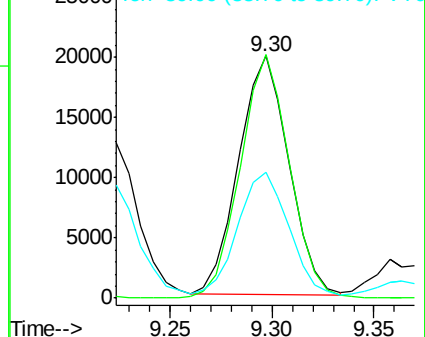
41 100

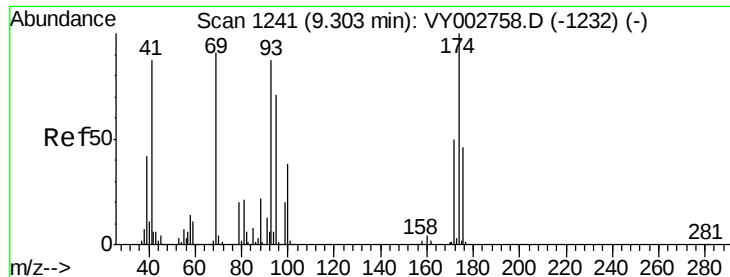
69 100.0 79.7 119.5

39 54.9 43.3 64.9



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

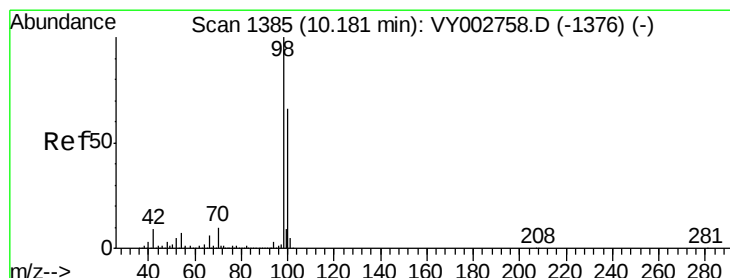
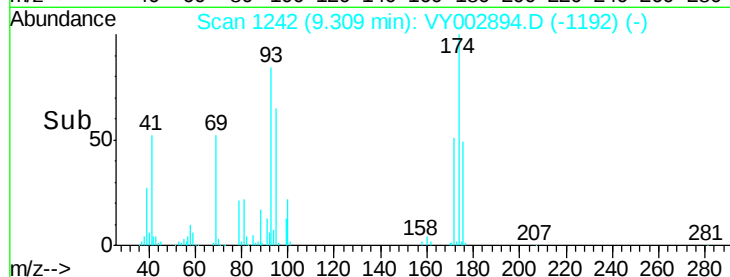
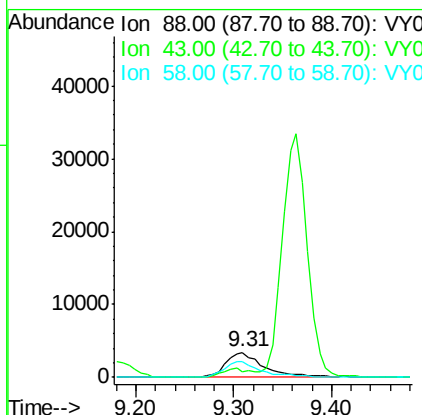
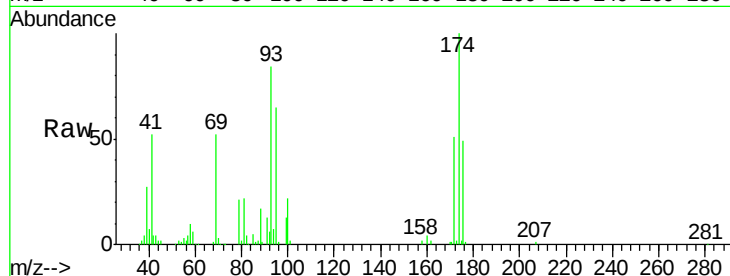




#49
1,4-Dioxane
Concen: 419.209 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

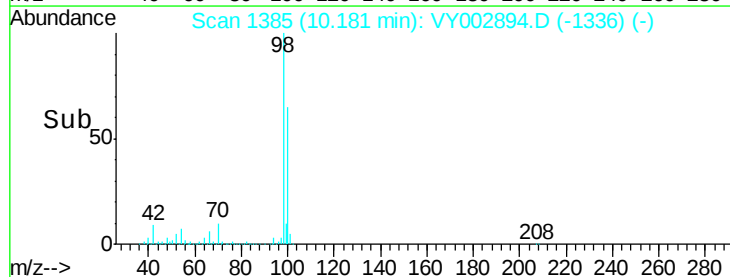
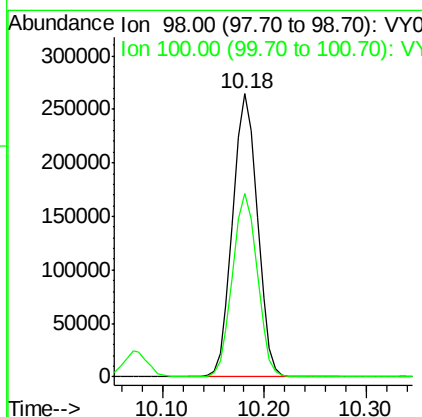
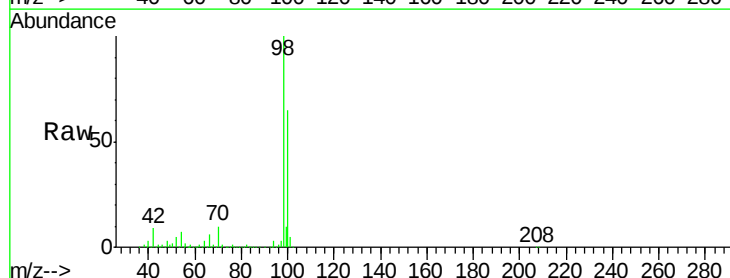
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

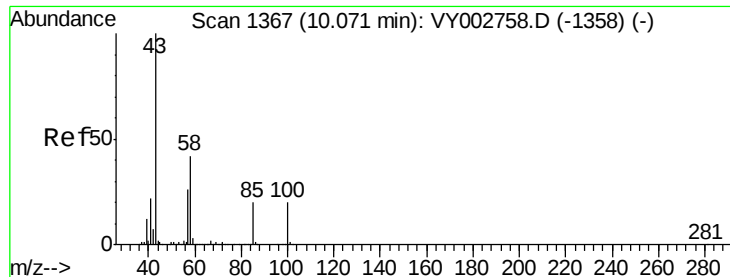
Tot Ion: 88 Resp: 9006
Ion Ratio Lower Upper
88 100
43 29.4 21.3 31.9
58 64.4 52.2 78.2



#50
Toluene-d8
Concen: 47.613 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion: 98 Resp: 445291
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 113.159 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

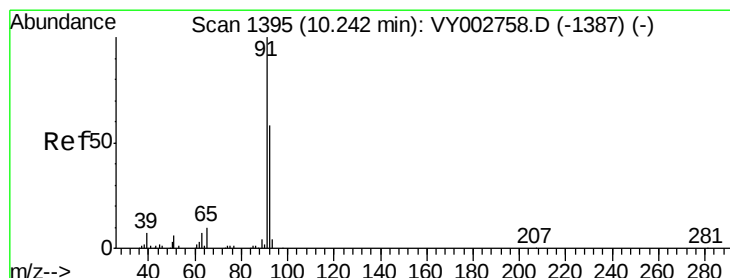
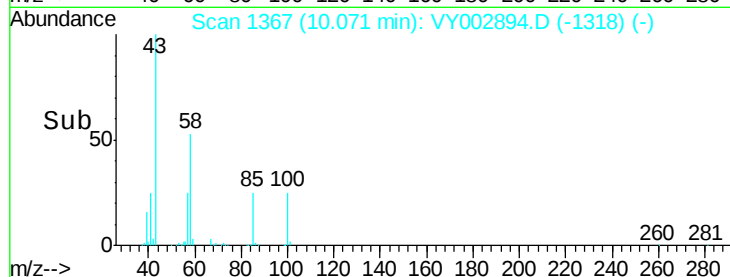
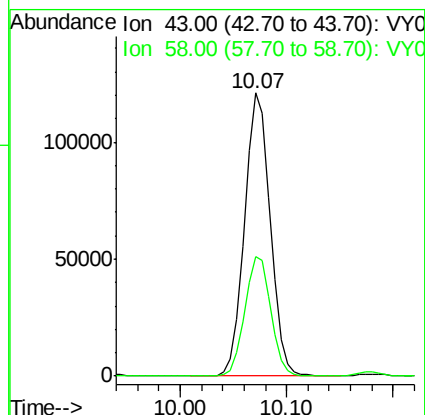
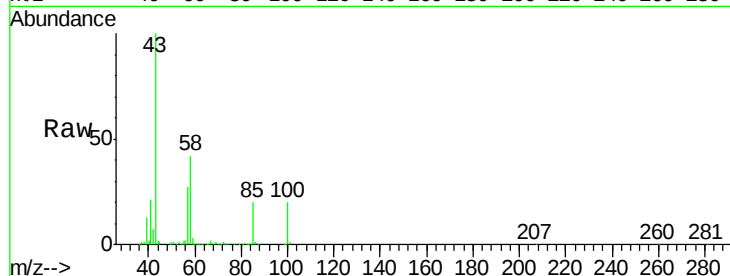
VY0615SBS01

Tot Ion: 43 Resp: 205403

Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.2



#52

Toluene

Concen: 22.004 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002894.D

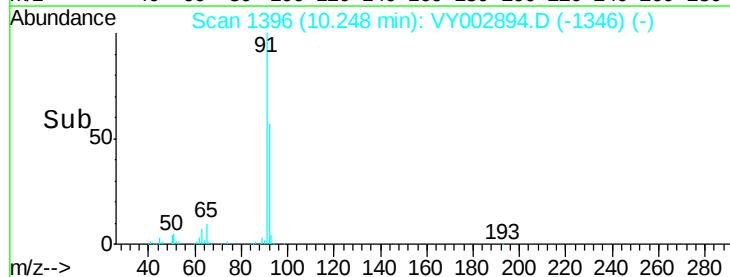
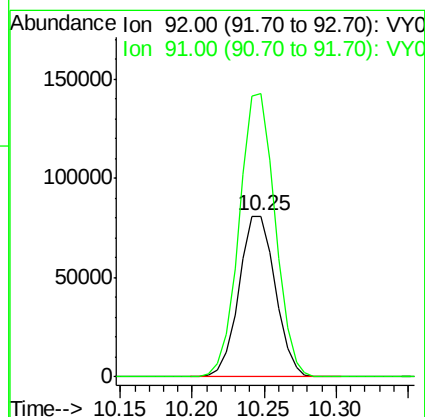
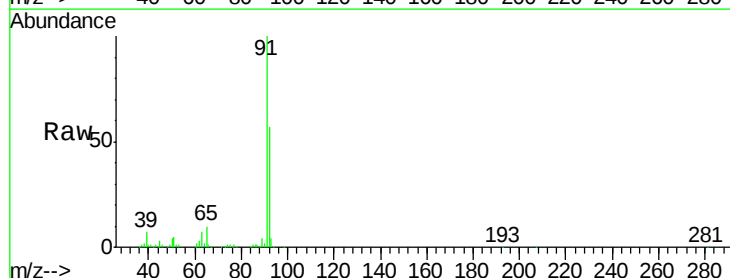
Acq: 15 Jun 2020 11:13

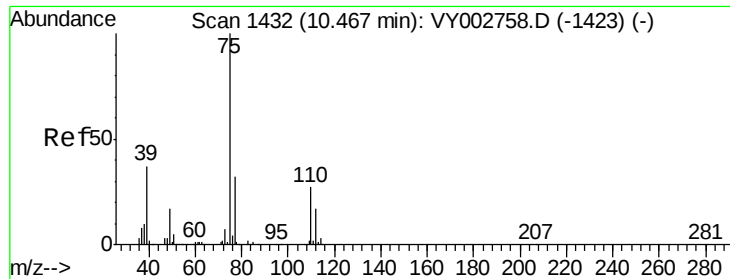
Tgt Ion: 92 Resp: 141413

Ion Ratio Lower Upper

92 100

91 174.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 22.277 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampled :

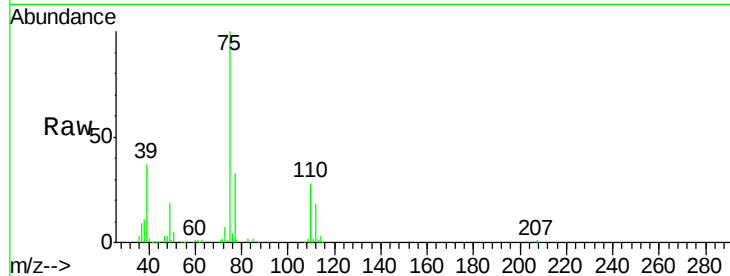
VY0615SBS01

Tot Ion: 75 Resp: 80258

Ion Ratio Lower Upper

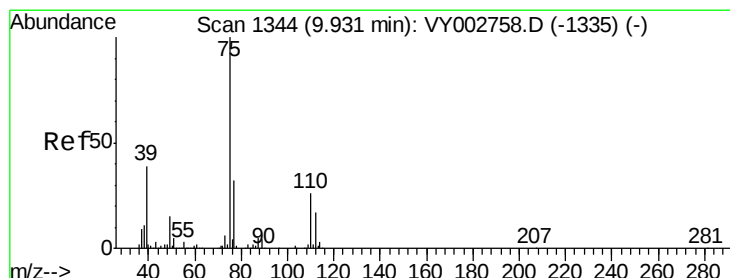
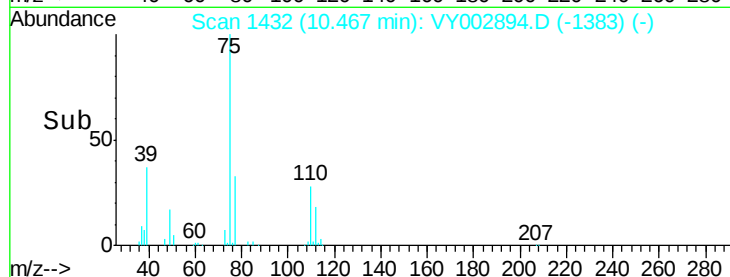
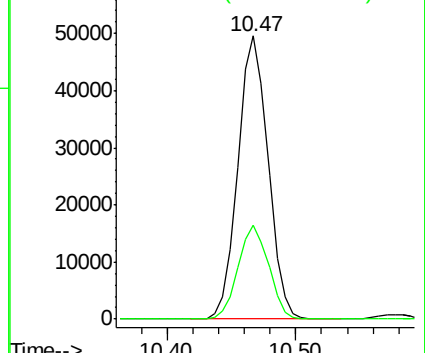
75 100

77 33.0 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 22.444 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

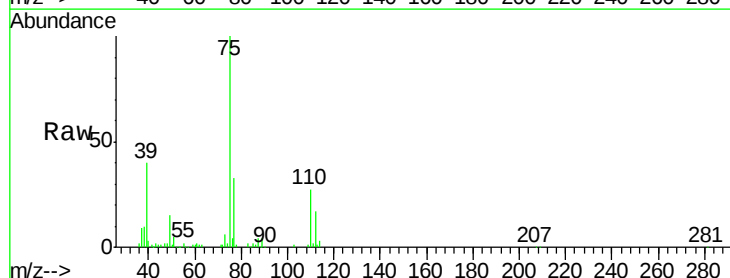
Tgt Ion: 75 Resp: 91623

Ion Ratio Lower Upper

75 100

77 32.8 25.6 38.4

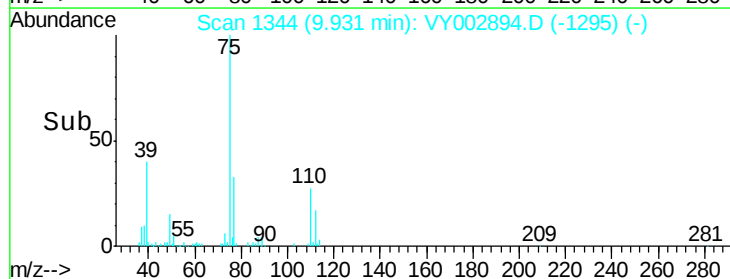
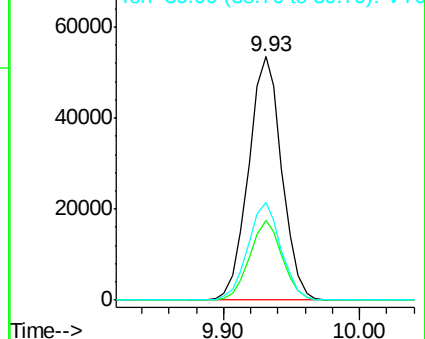
39 40.0 31.3 46.9

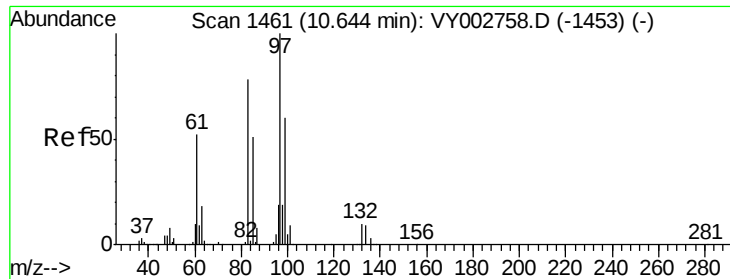


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

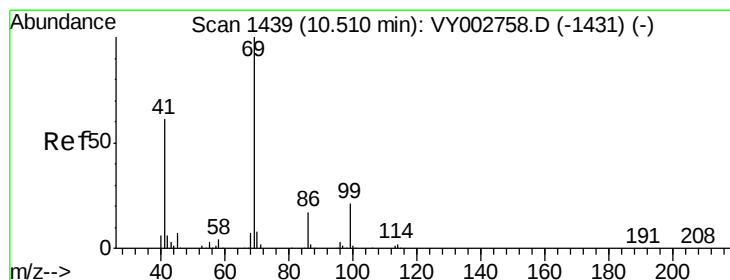
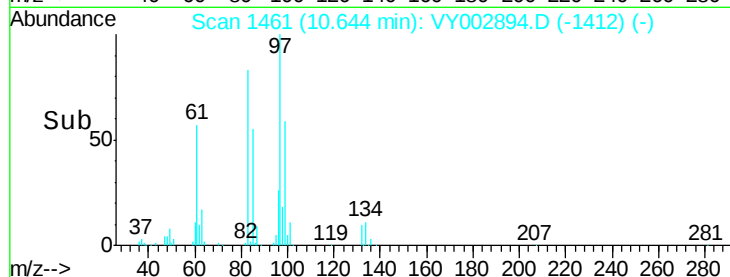
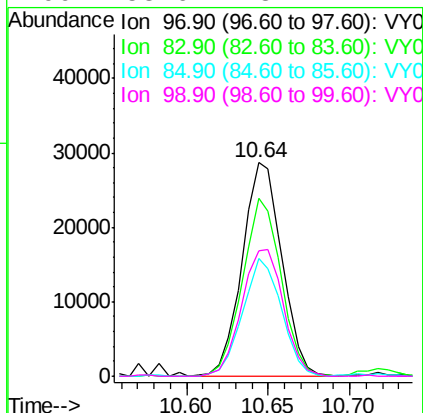
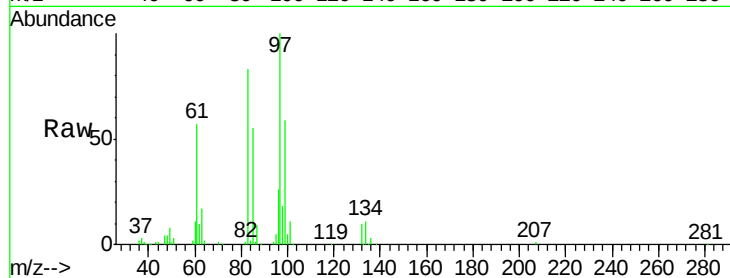




#55
 1,1,2-Trichloroethane
 Concen: 22.688 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

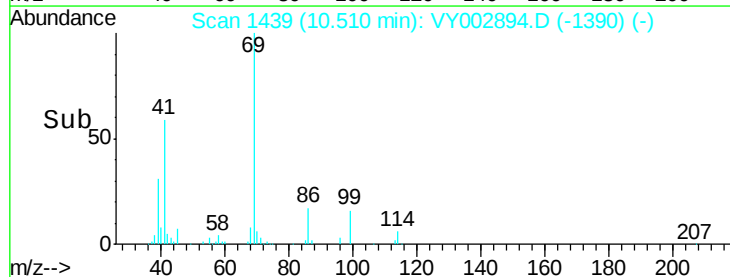
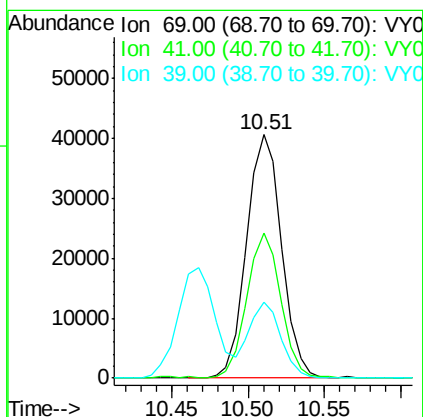
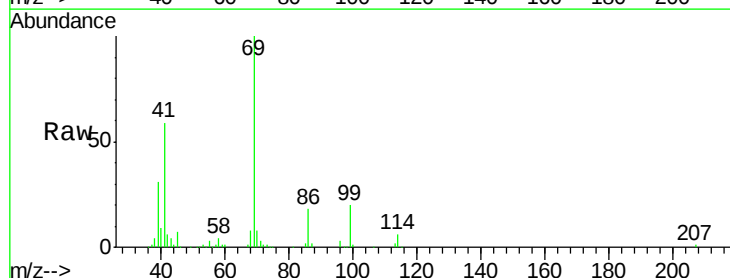
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

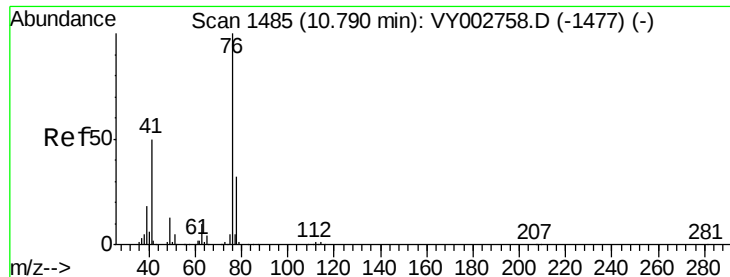
Tot Ion:	97	Resp:	48598
Ion	Ratio	Lower	Upper
97	100		
83	83.3	62.7	94.1
85	54.9	40.6	60.8
99	58.6	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 22.499 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion:	69	Resp:	64550
Ion	Ratio	Lower	Upper
69	100		
41	57.6	47.0	70.4
39	28.5	22.0	33.0





#57

1,3-Dichloropropane

Concen: 22.307 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

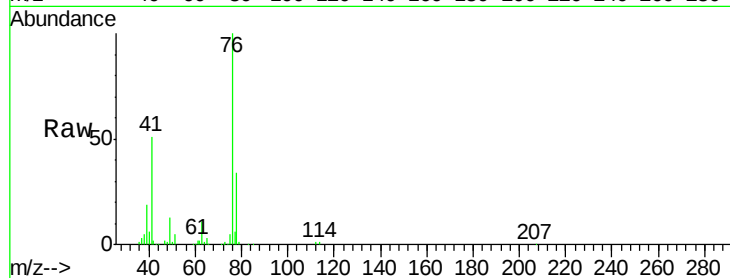
VY0615SBS01

Tot Ion: 76 Resp: 78593

Ion Ratio Lower Upper

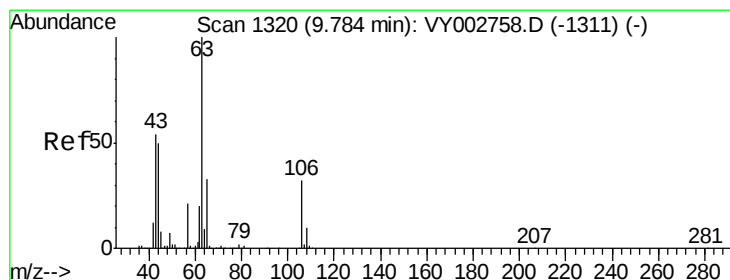
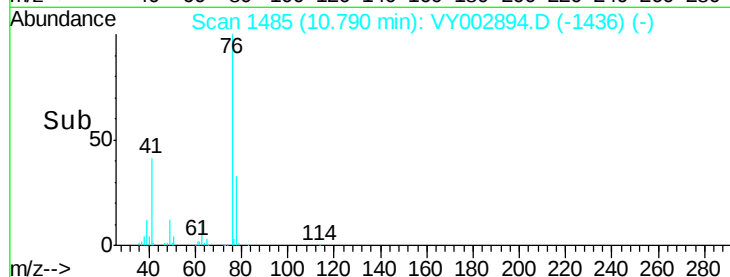
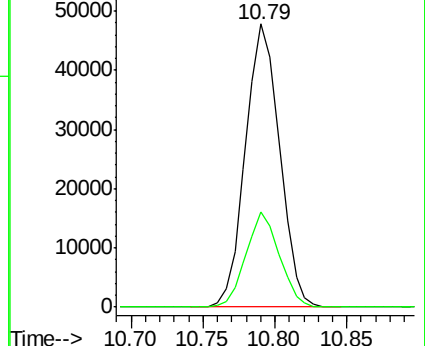
76 100

78 32.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 108.646 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002894.D

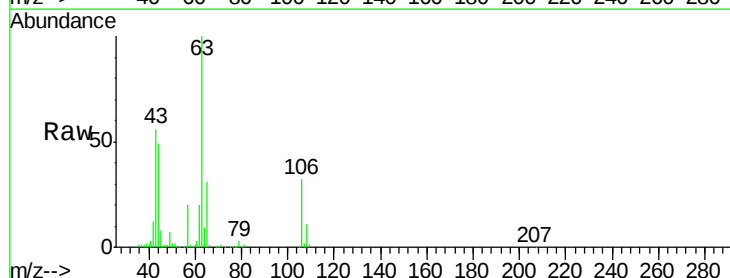
Acq: 15 Jun 2020 11:13

Tgt Ion: 63 Resp: 152311

Ion Ratio Lower Upper

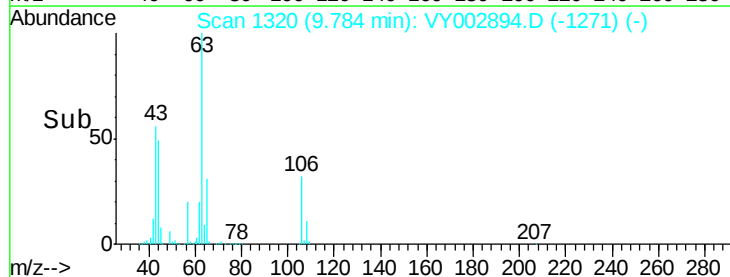
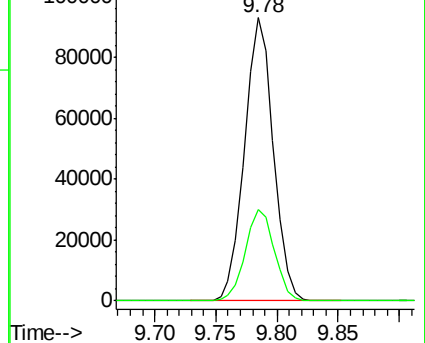
63 100

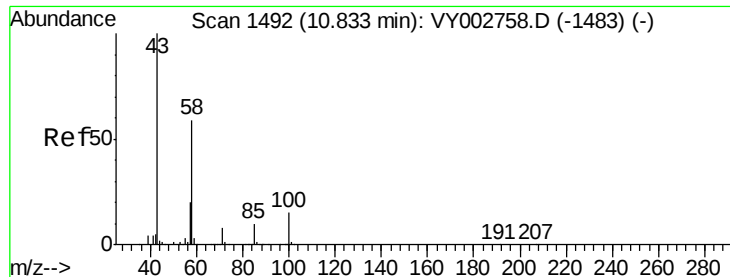
106 32.6 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

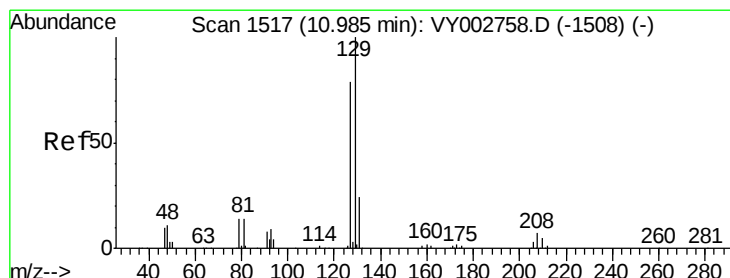
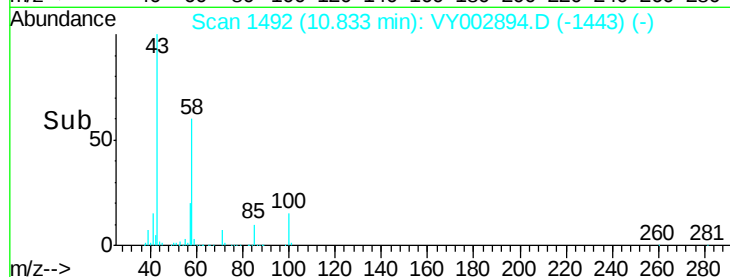
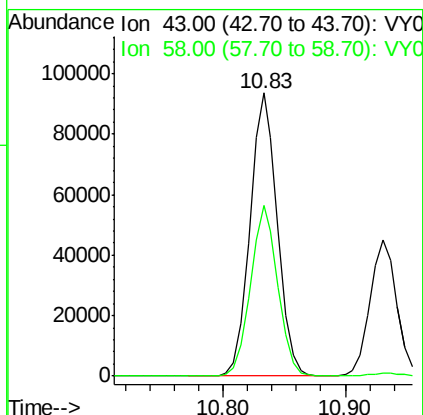
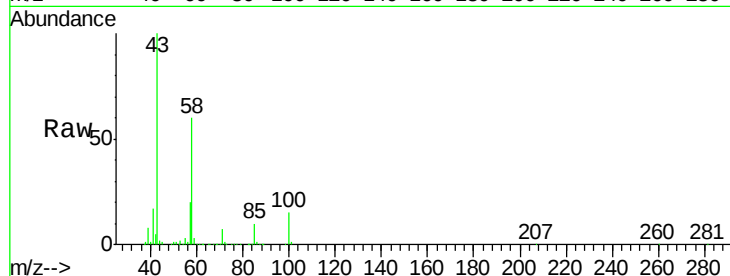




#59
2-Hexanone
Concen: 112.781 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

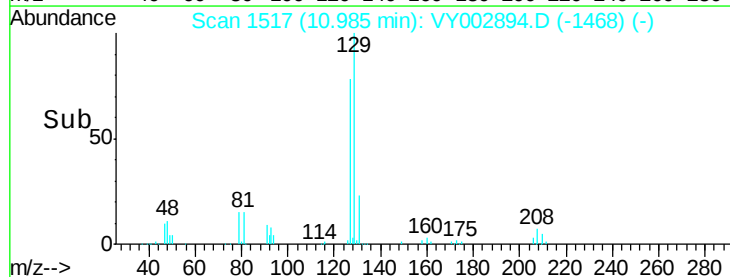
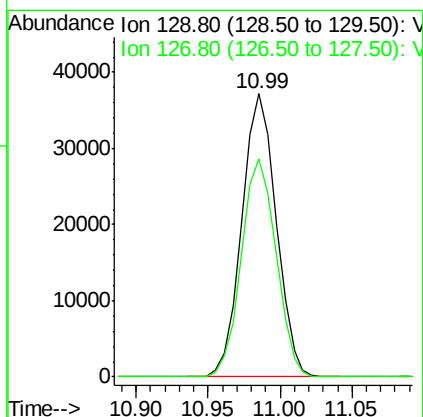
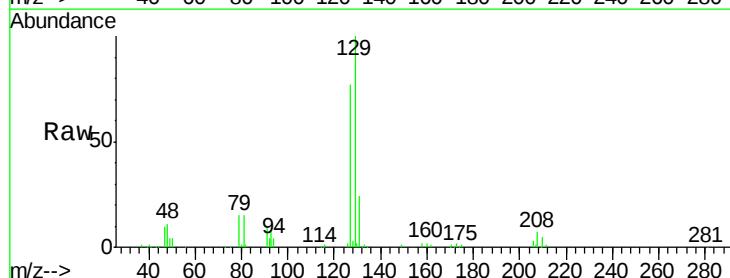
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

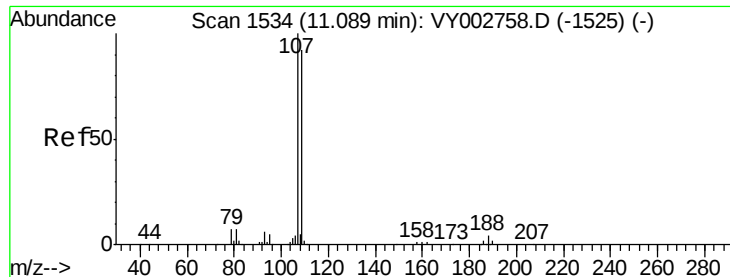
Tot Ion: 43 Resp: 145252
Ion Ratio Lower Upper
43 100
58 59.9 29.5 88.5



#60
Dibromochloromethane
Concen: 22.639 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion: 129 Resp: 61480
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

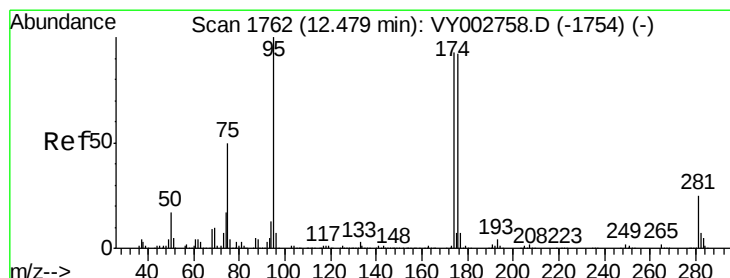
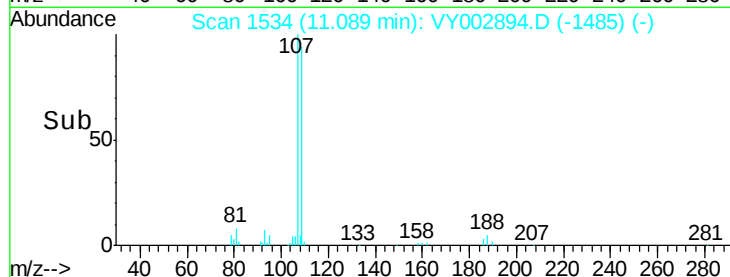
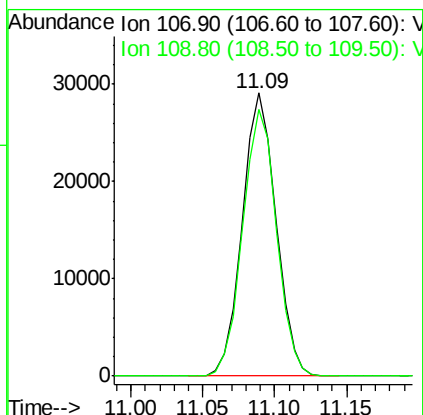
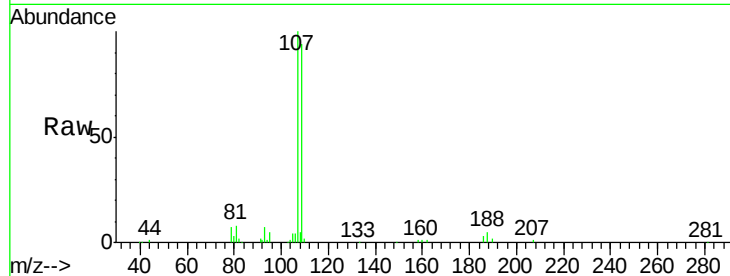




#61
 1,2-Dibromoethane
 Concen: 22.312 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

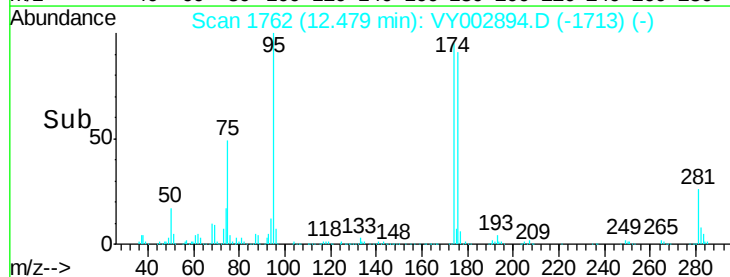
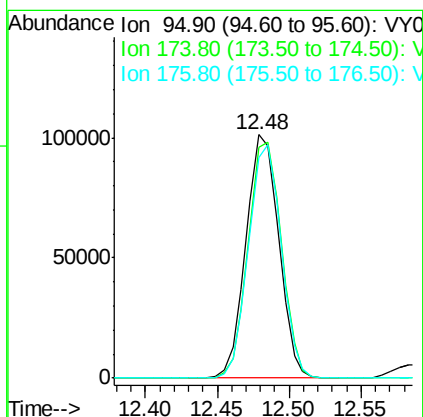
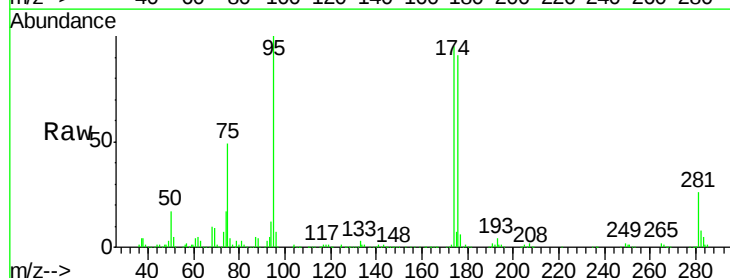
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

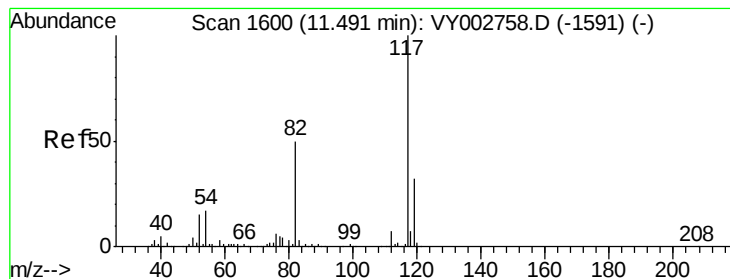
Tot Ion:107 Resp: 47145
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.881 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion: 95 Resp: 159428
 Ion Ratio Lower Upper
 95 100
 174 98.3 0.0 191.2
 176 95.7 0.0 188.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

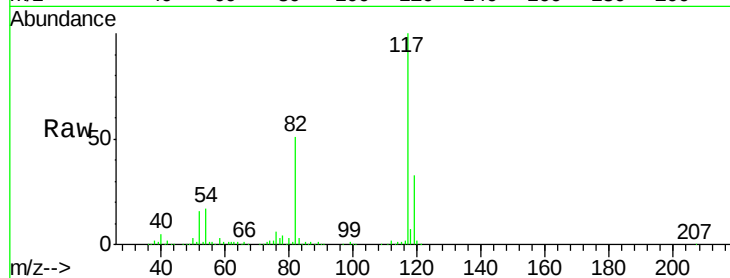
Tot Ion:117 Resp: 365961

Ion Ratio Lower Upper

117 100

82 50.6 40.2 60.4

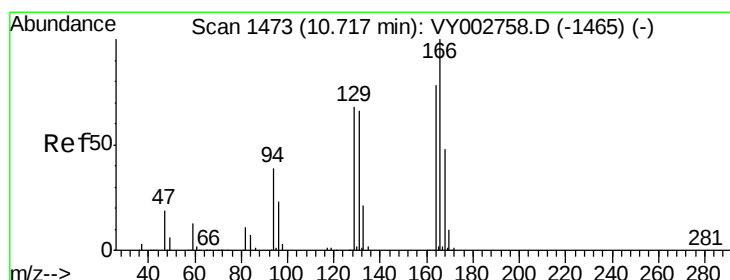
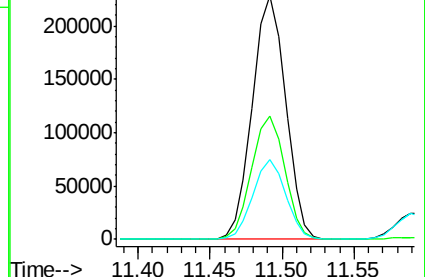
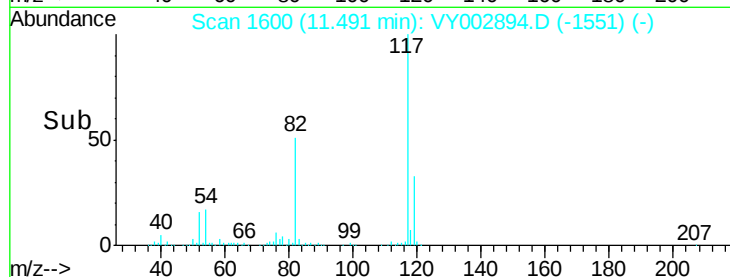
119 33.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.794 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion:164 Resp: 72489

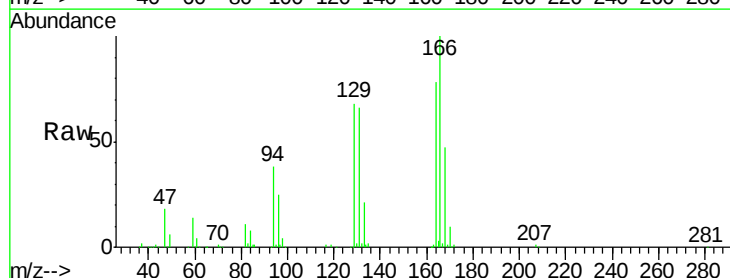
Ion Ratio Lower Upper

164 100

166 128.3 102.3 153.5

129 87.0 69.4 104.2

131 84.8 67.8 101.6

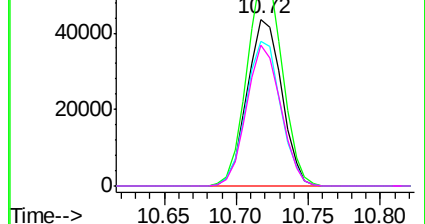
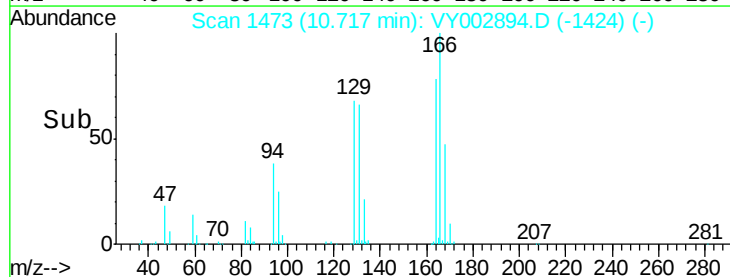


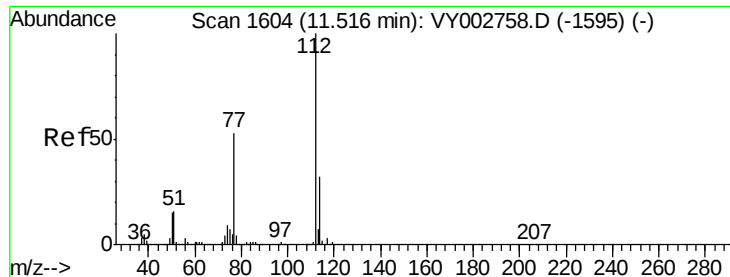
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

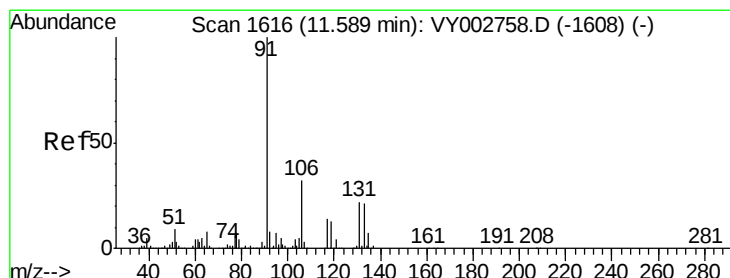
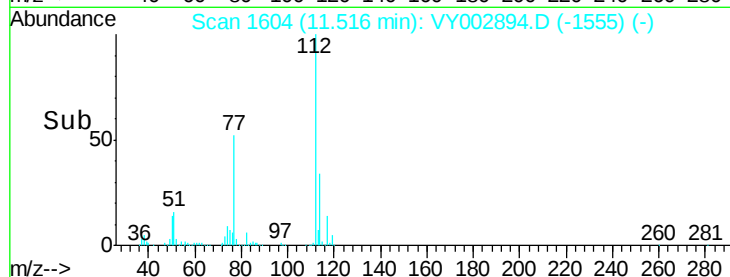
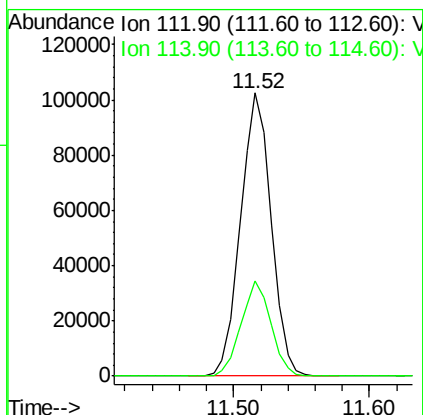
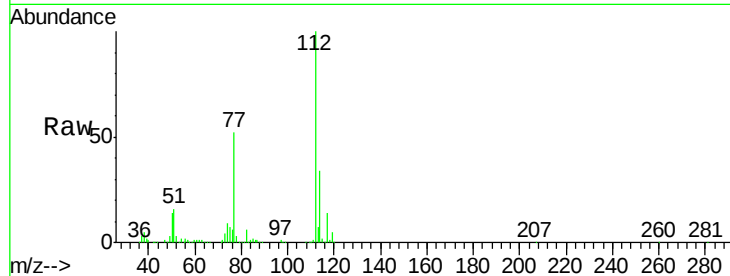




#65
Chlorobenzene
Concen: 22.245 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

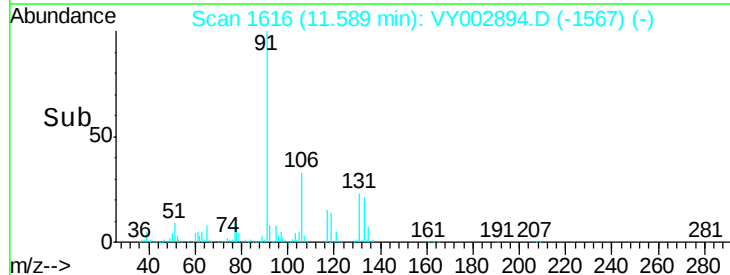
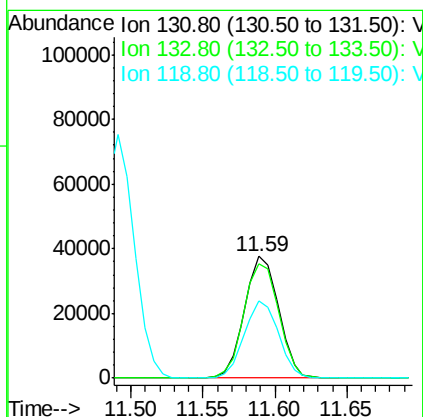
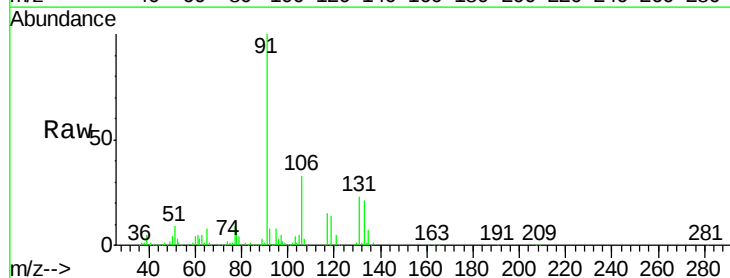
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion:112 Resp: 160905
Ion Ratio Lower Upper
112 100
114 33.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.777 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion:131 Resp: 62050
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 63.7 31.7 95.1





#67

Ethyl Benzene

Concen: 22.244 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

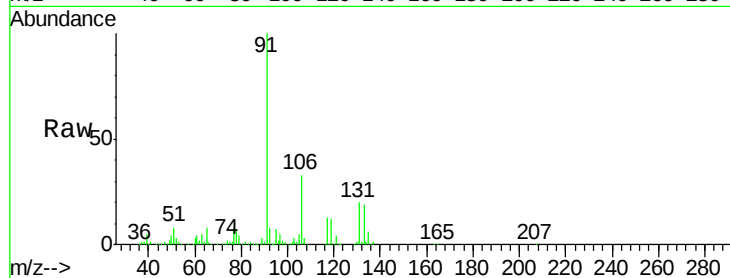
VY0615SBS01

Tot Ion: 91 Resp: 278929

Ion Ratio Lower Upper

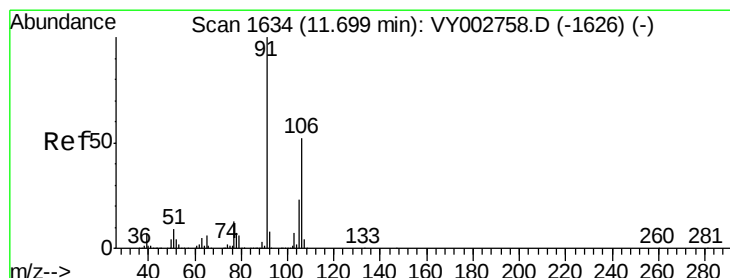
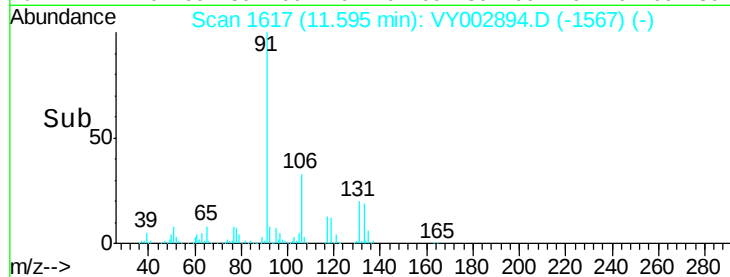
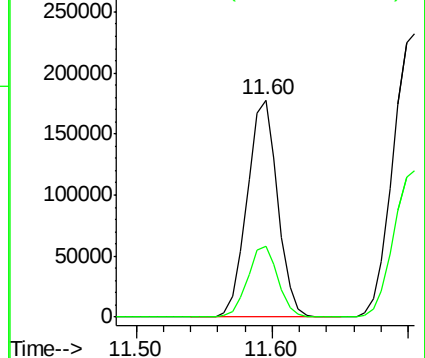
91 100

106 32.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 45.051 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002894.D

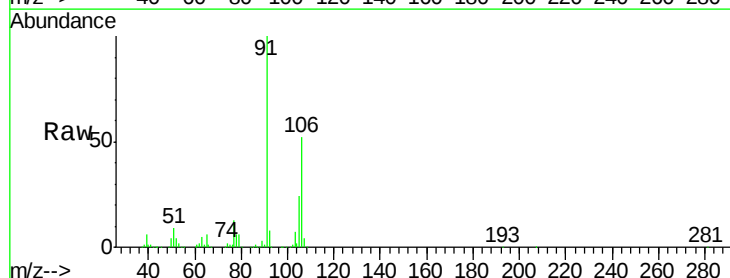
Acq: 15 Jun 2020 11:13

Tgt Ion: 106 Resp: 219030

Ion Ratio Lower Upper

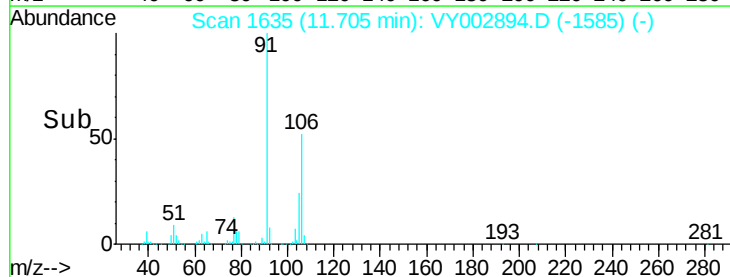
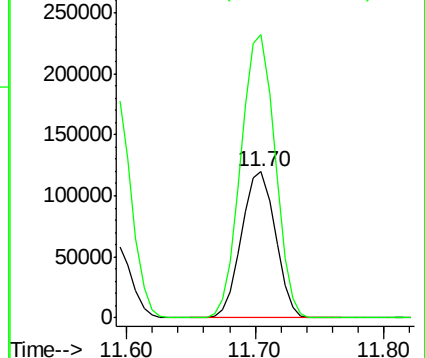
106 100

91 195.1 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

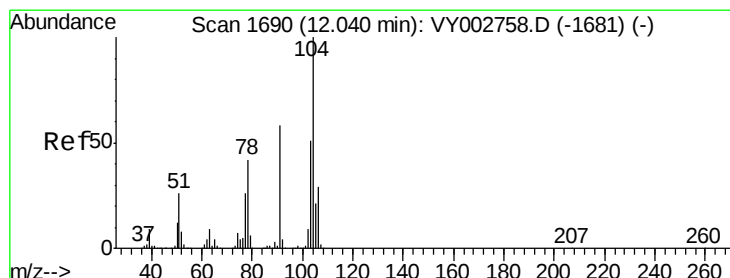
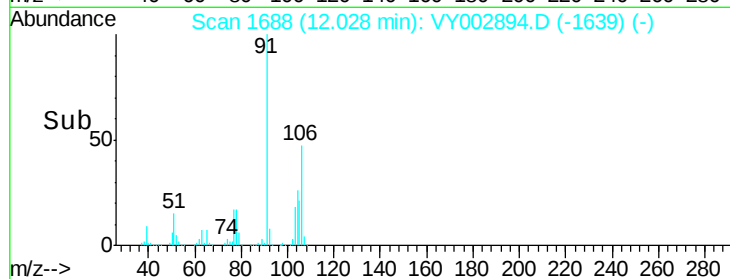
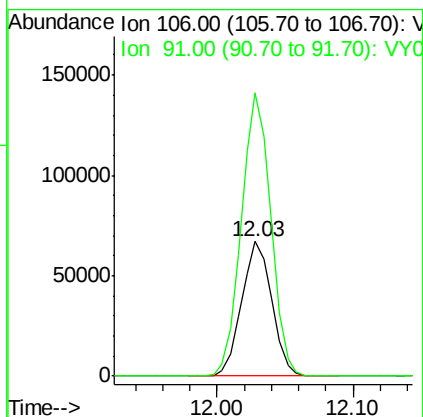
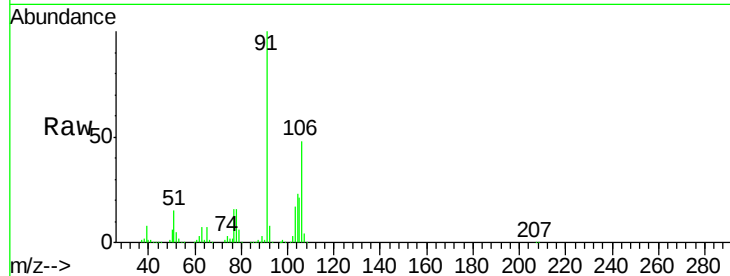




#69
o-Xylene
Concen: 22.598 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

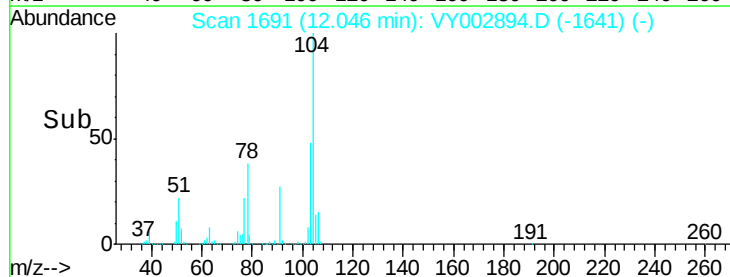
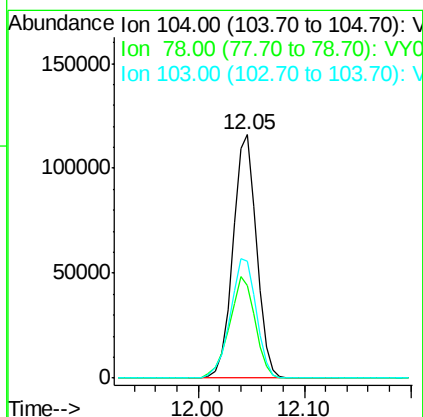
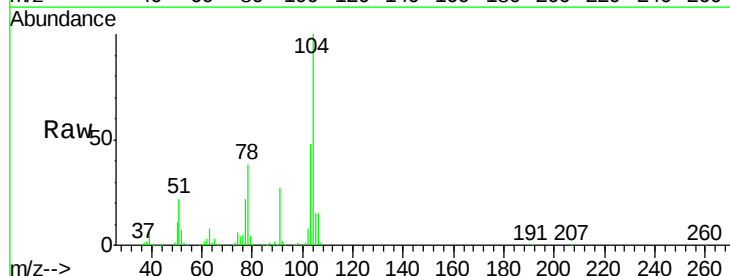
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

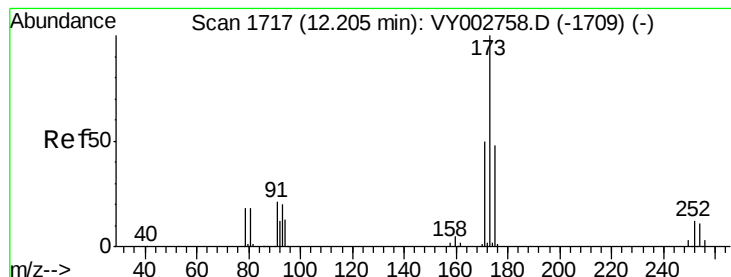
Tot Ion:106 Resp: 103718
Ion Ratio Lower Upper
106 100
91 205.5 102.4 307.1



#70
Styrene
Concen: 22.674 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion:104 Resp: 180404
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.4
103 54.1 43.6 65.4





#71

Bromoform

Concen: 23.256 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

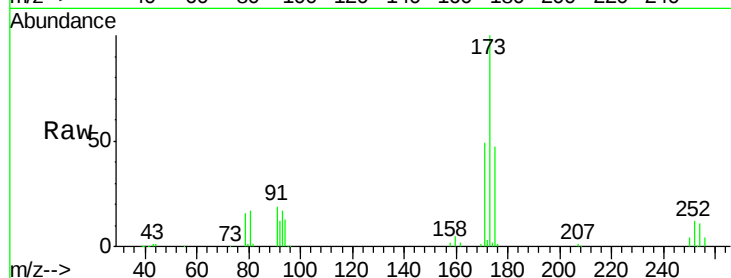
Tot Ion:173 Resp: 42391

Ion Ratio Lower Upper

173 100

175 49.7 24.3 72.8

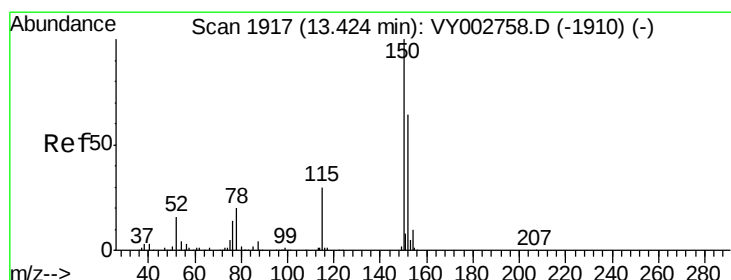
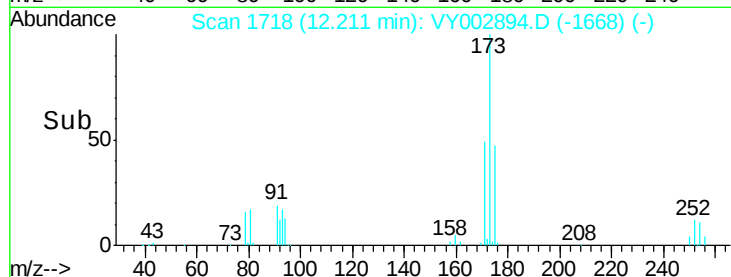
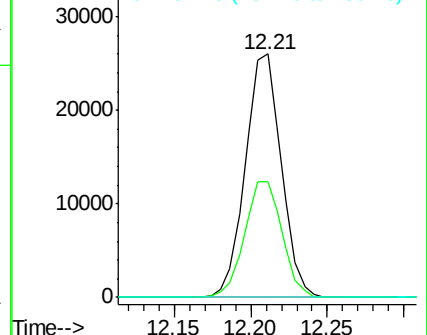
254 0.0 0.1 0.1#



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: VY002894.D

Acq: 15 Jun 2020 11:13

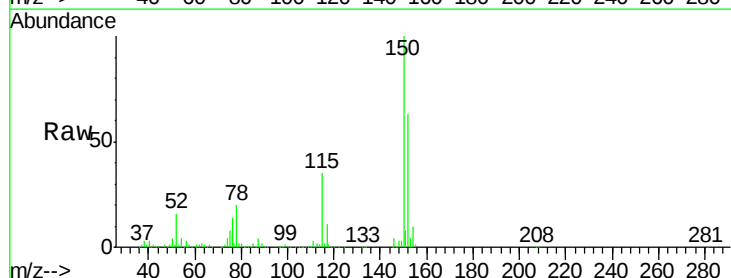
Tgt Ion:152 Resp: 204673

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

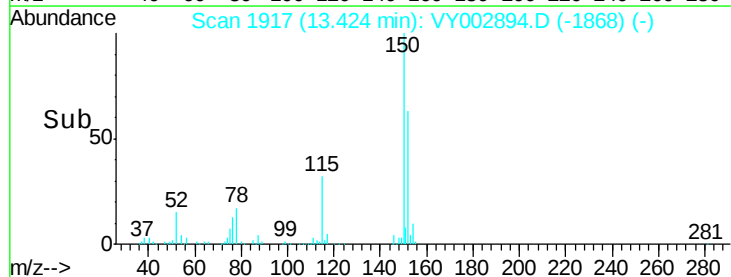
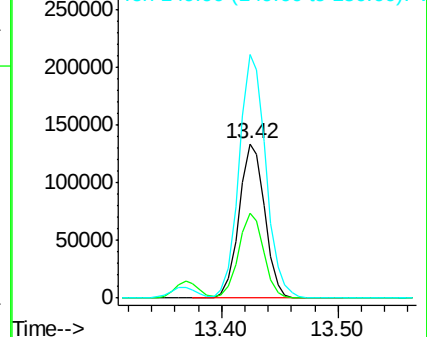
150 165.0 0.0 344.8

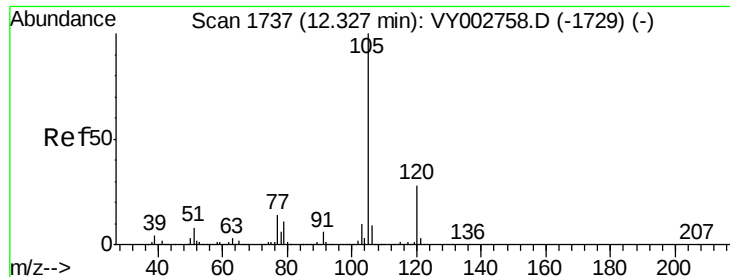


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.871 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

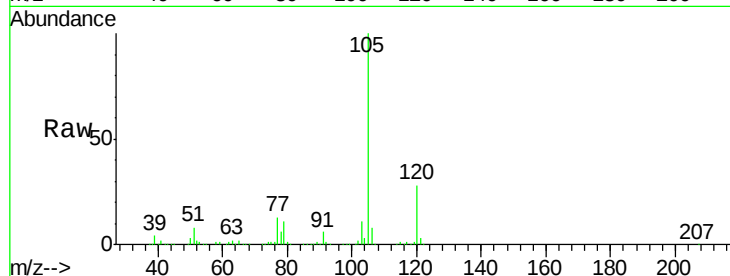
VY0615SBS01

Tot Ion:105 Resp: 286870

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

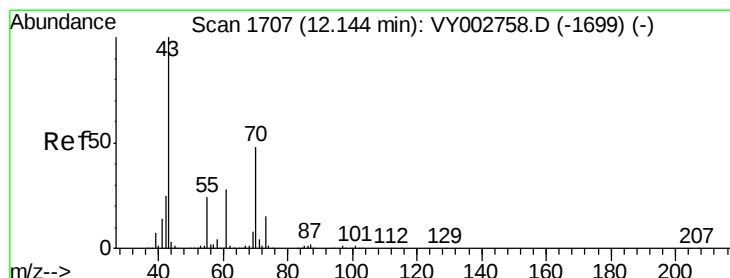
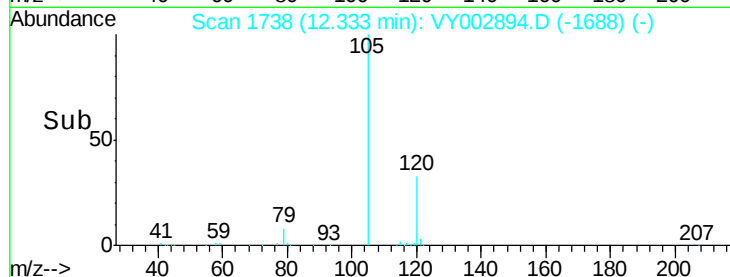
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.493 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Tgt Ion: 43 Resp: 72331

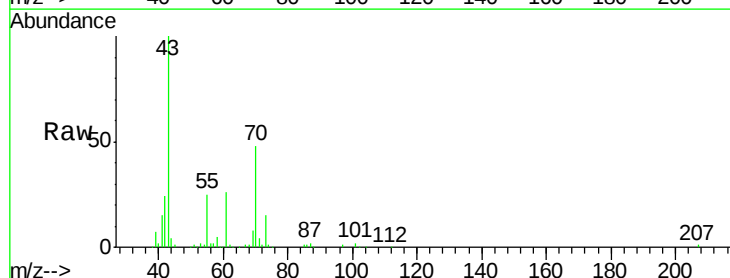
Ion Ratio Lower Upper

43 100

70 48.4 37.7 56.5

55 25.1 19.8 29.6

61 26.6 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

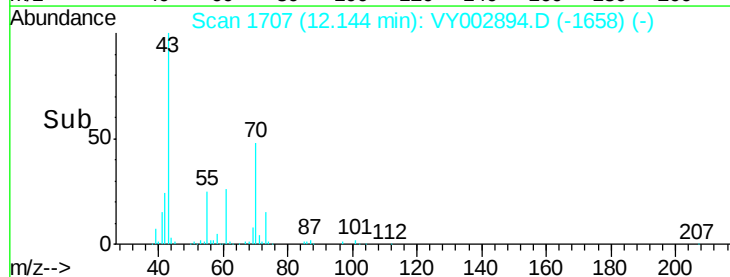
60000

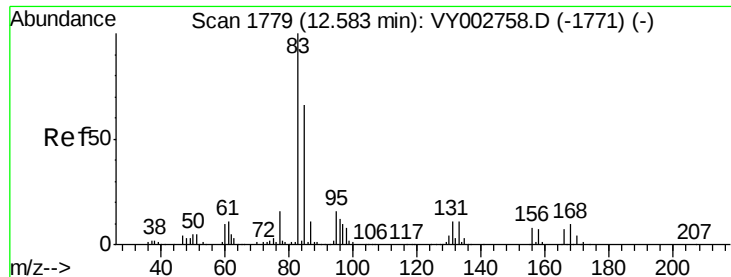
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.701 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

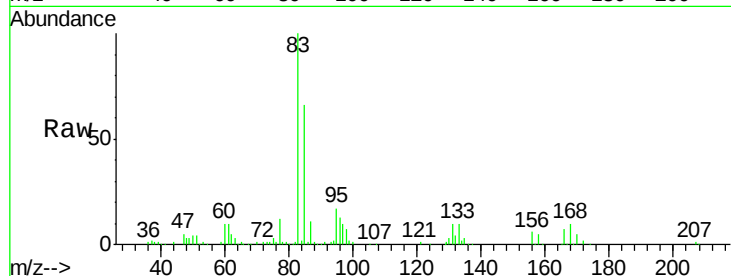
Tot Ion: 83 Resp: 52243

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.4

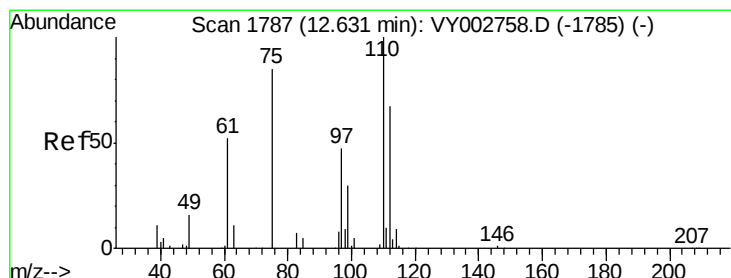
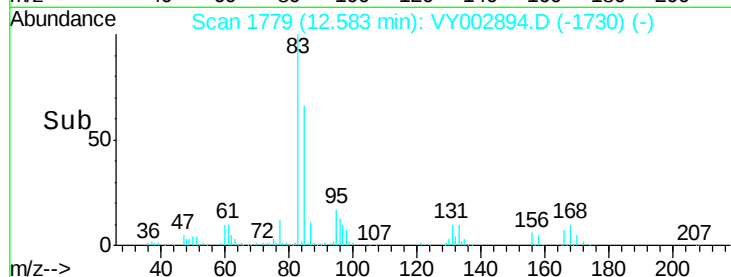
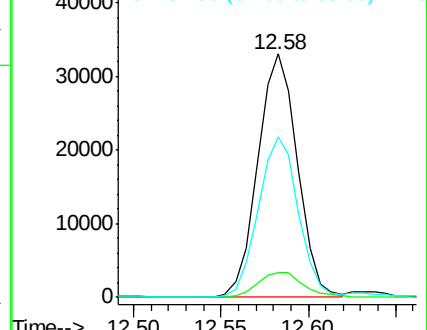
85 66.6 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 41.413 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002894.D

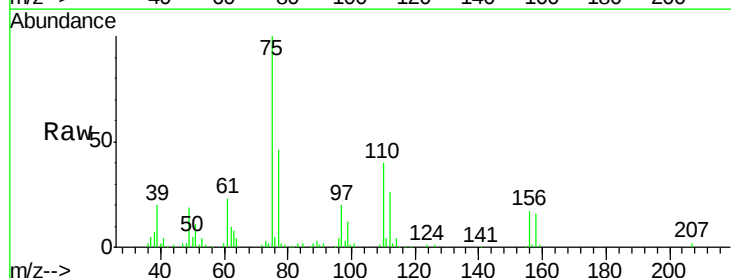
Acq: 15 Jun 2020 11:13

Tgt Ion: 75 Resp: 76375

Ion Ratio Lower Upper

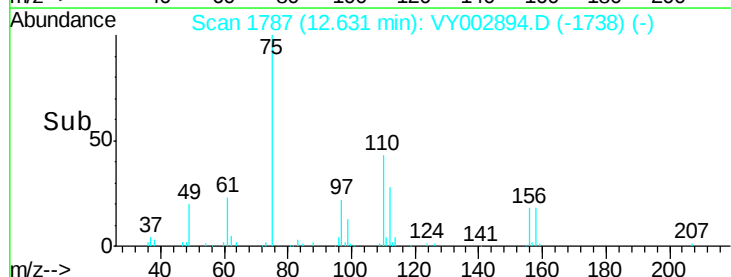
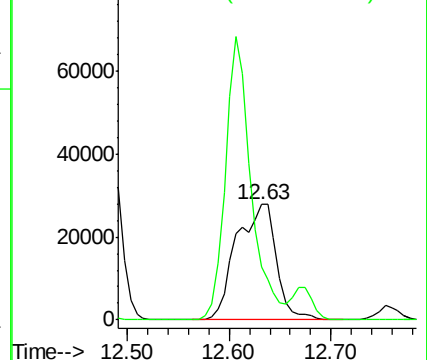
75 100

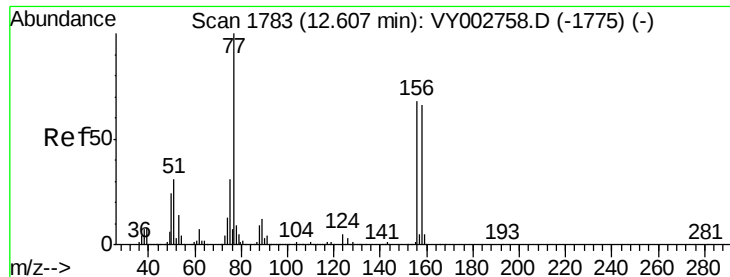
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.583 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

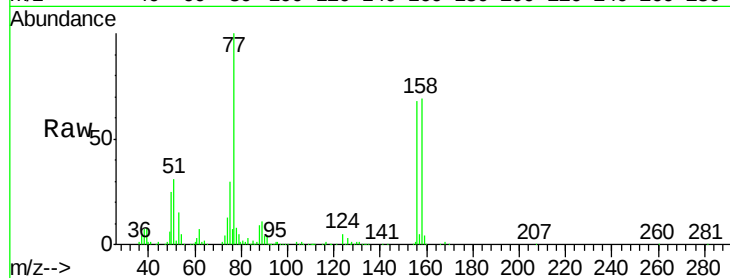
Tot Ion:156 Resp: 73712

Ion Ratio Lower Upper

156 100

77 162.5 81.4 244.2

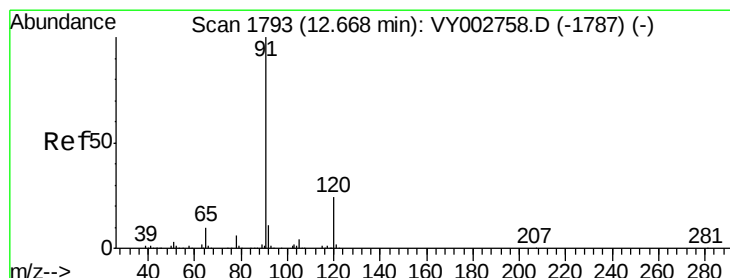
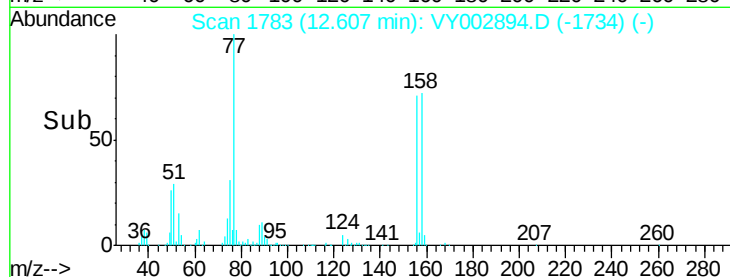
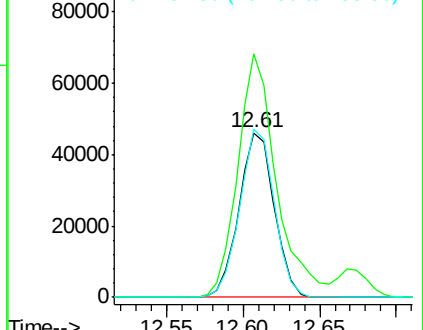
158 100.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.744 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002894.D

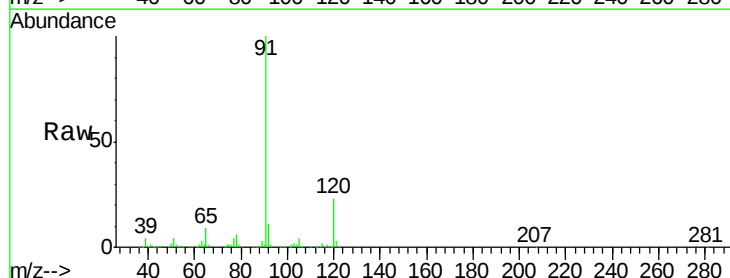
Acq: 15 Jun 2020 11:13

Tgt Ion: 91 Resp: 329442

Ion Ratio Lower Upper

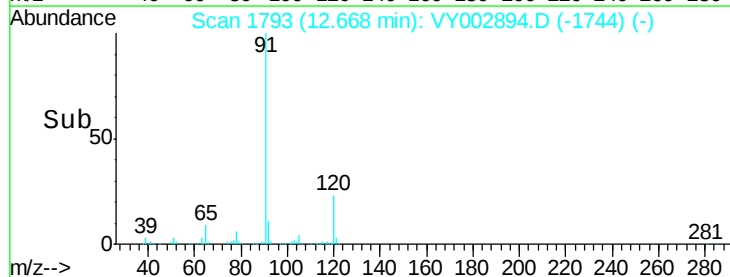
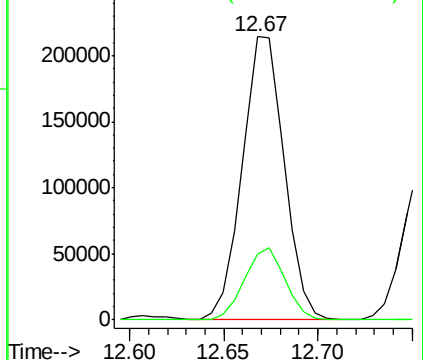
91 100

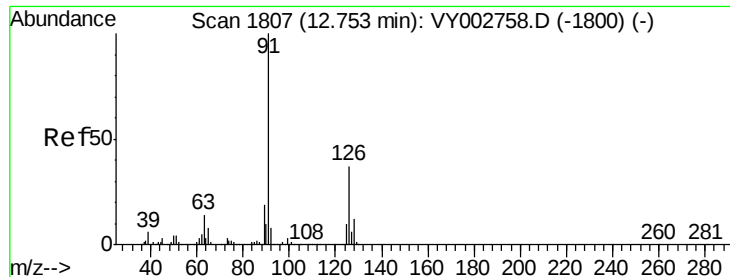
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

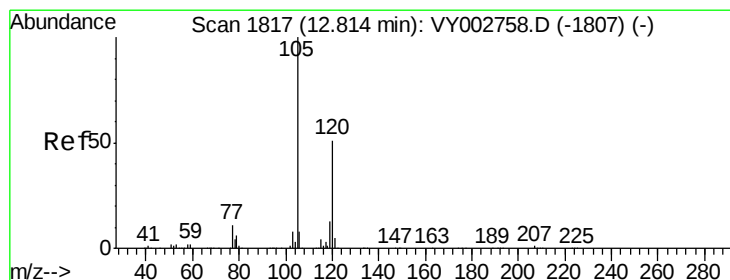
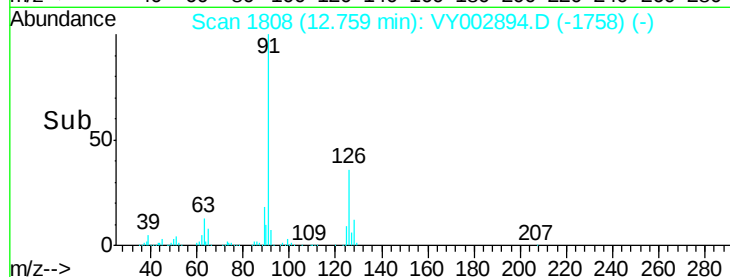
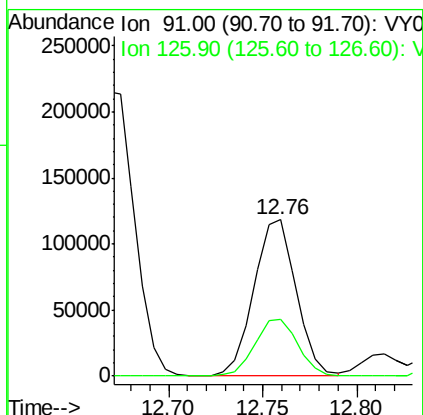
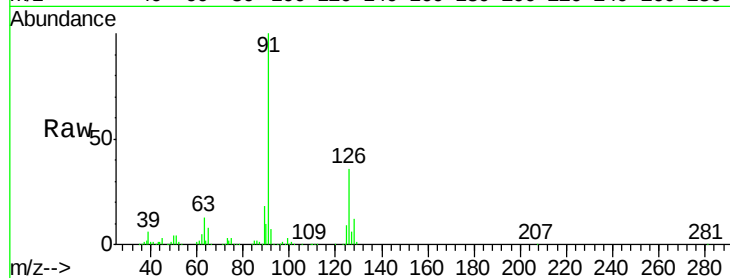




#79
 2-Chlorotoluene
 Concen: 21.666 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

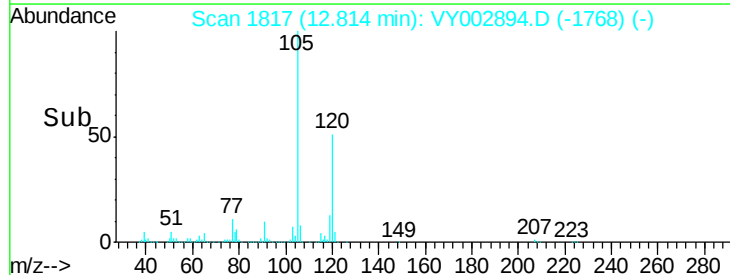
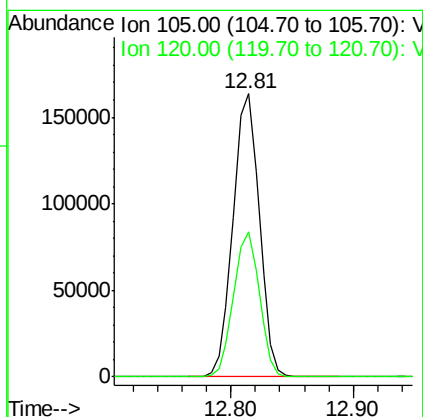
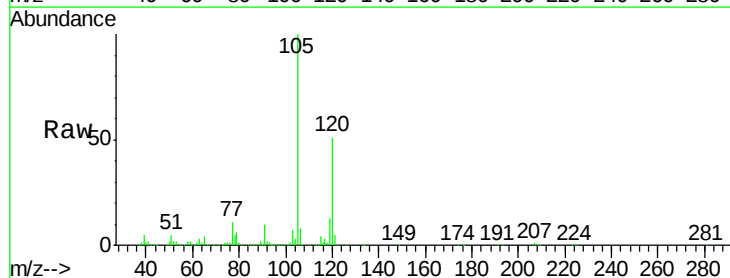
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

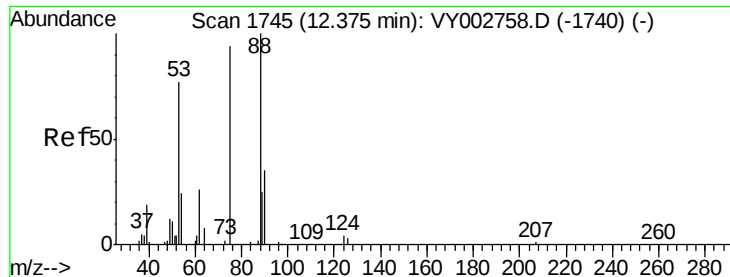
Tot Ion: 91 Resp: 184138
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 22.115 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion: 105 Resp: 242191
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.378 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

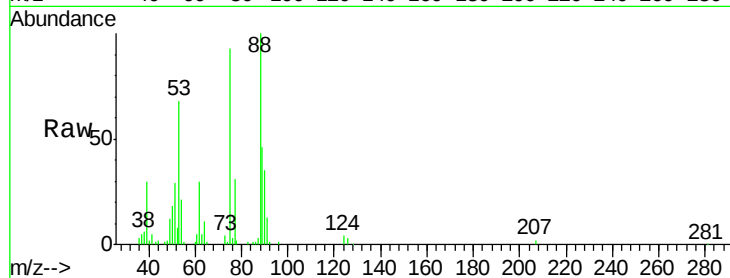
MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 75 Resp: 21906

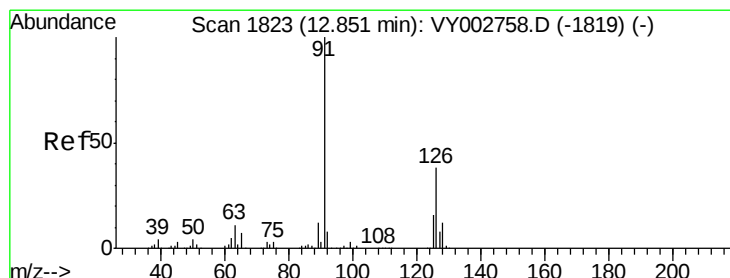
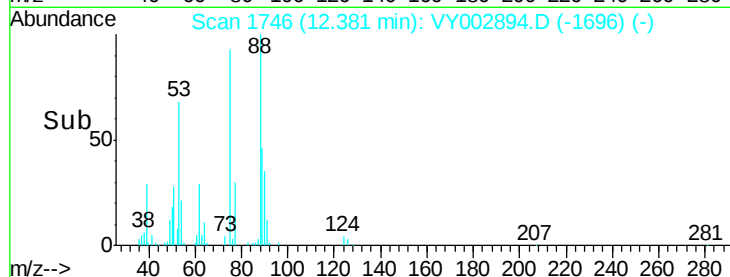
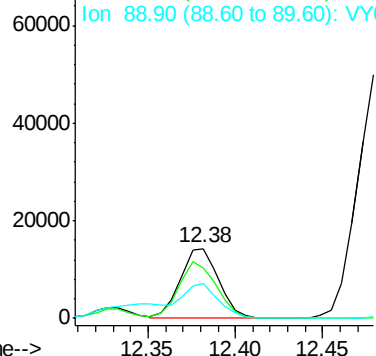
Ion	Ratio	Lower	Upper
75	100		
53	79.1	64.0	96.0
89	44.5	37.4	56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.959 ug/l

RT: 12.86 min Scan# 1824

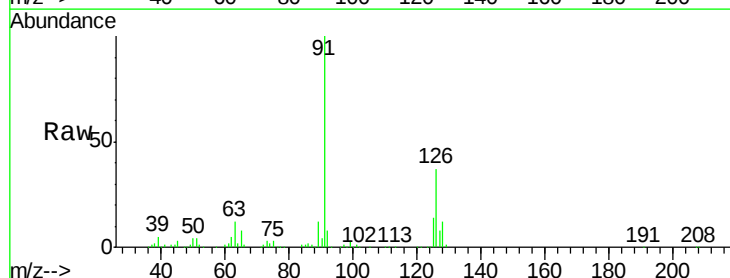
Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

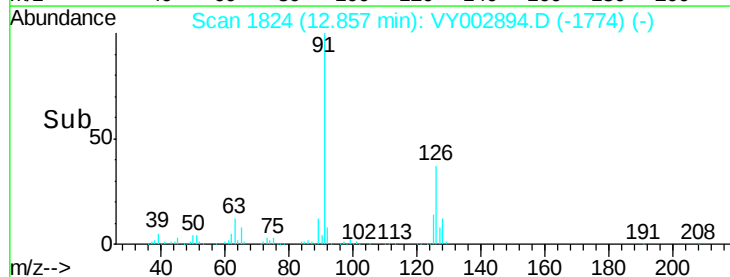
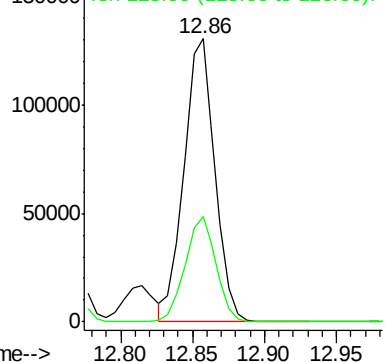
Tgt Ion: 91 Resp: 195528

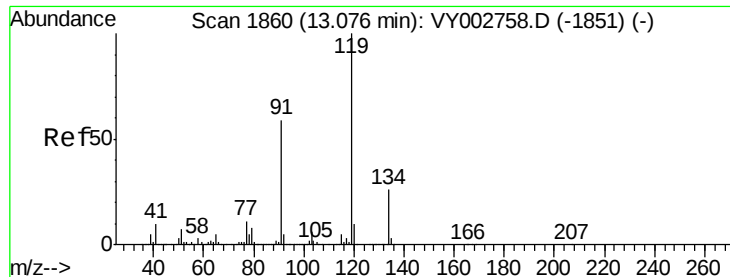
Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.5	55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

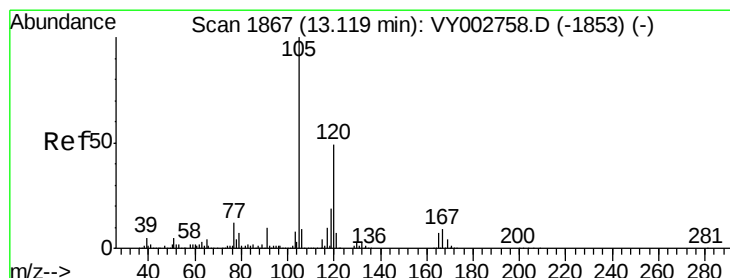
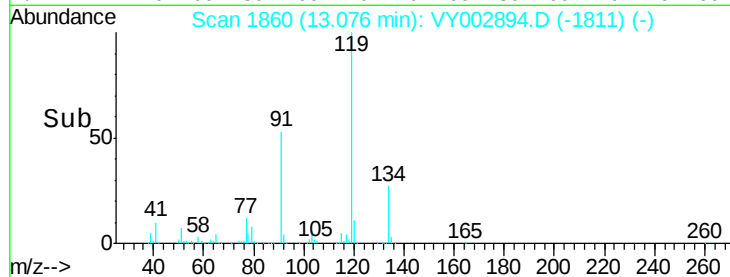
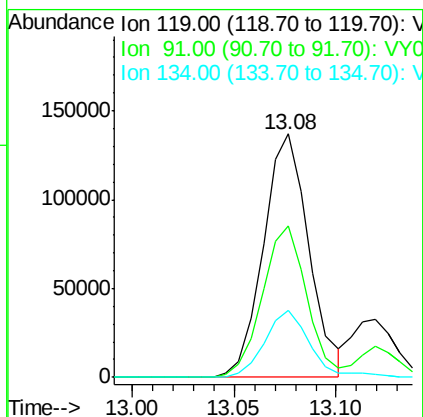
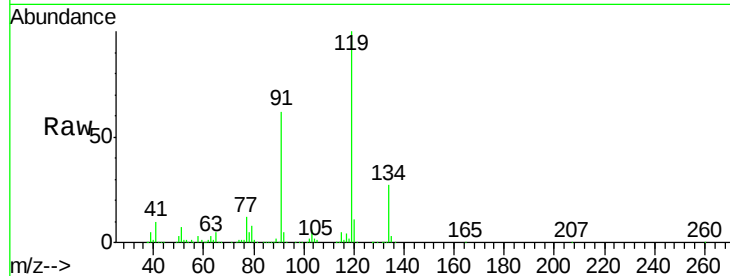




#83
 tert-Butylbenzene
 Concen: 21.836 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

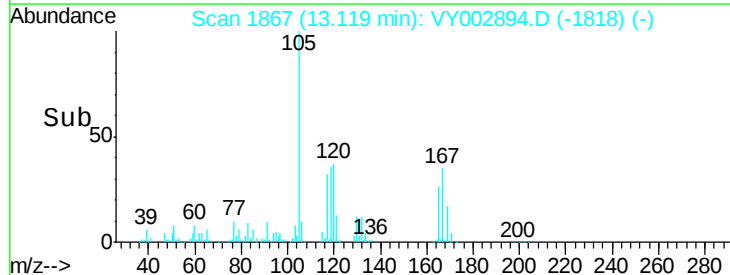
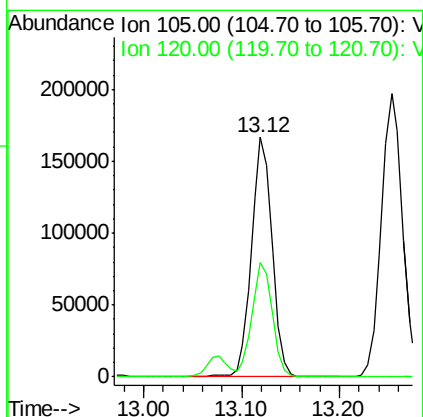
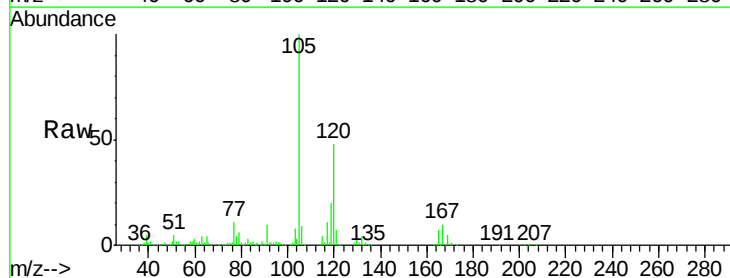
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

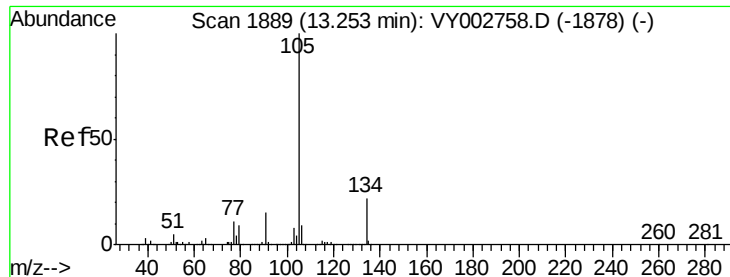
Tot Ion:119 Resp: 213317
 Ion Ratio Lower Upper
 119 100
 91 60.2 29.8 89.4
 134 27.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.114 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion:105 Resp: 243516
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.6 70.8





#85

sec-Butylbenzene

Concen: 22.014 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

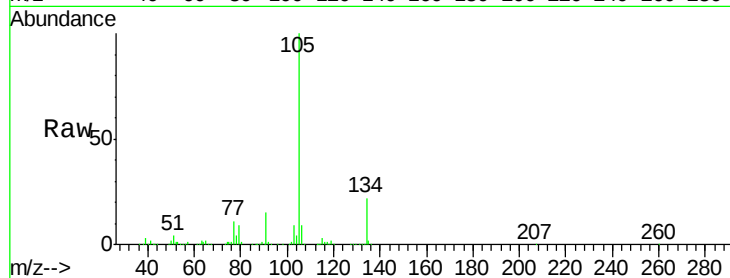
VY0615SBS01

Tot Ion:105 Resp: 294040

Ion Ratio Lower Upper

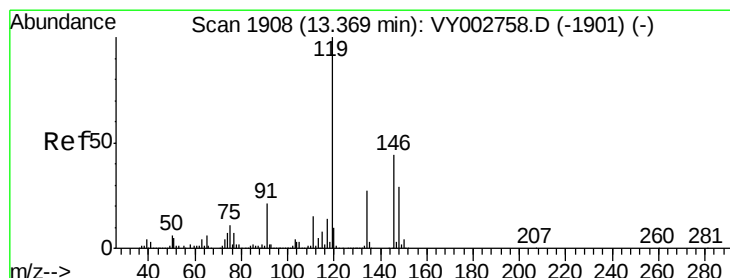
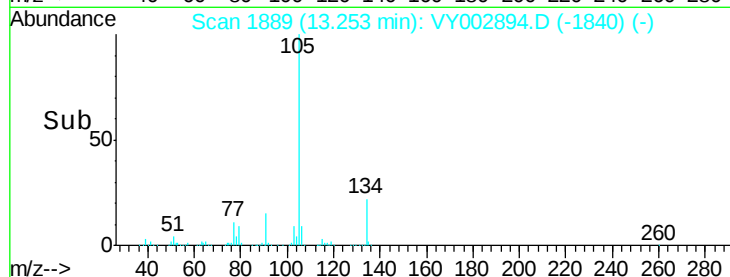
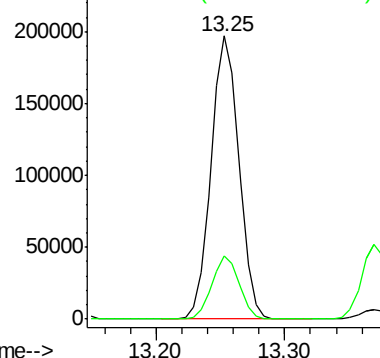
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.071 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

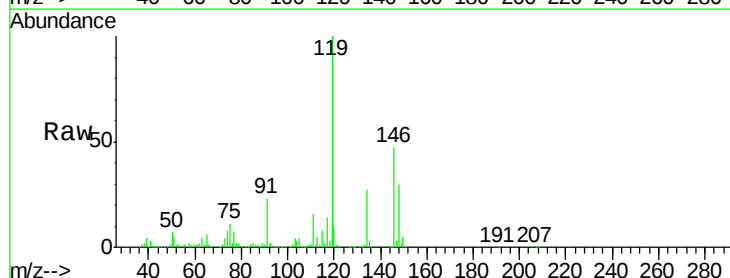
Tgt Ion:119 Resp: 274308

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

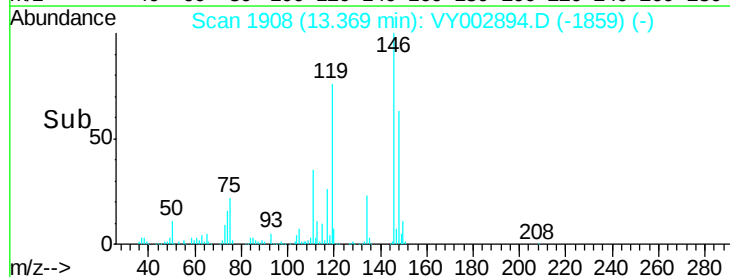
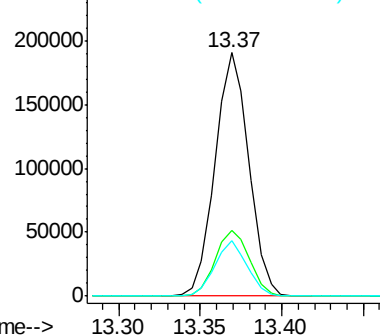
91 21.8 10.8 32.4

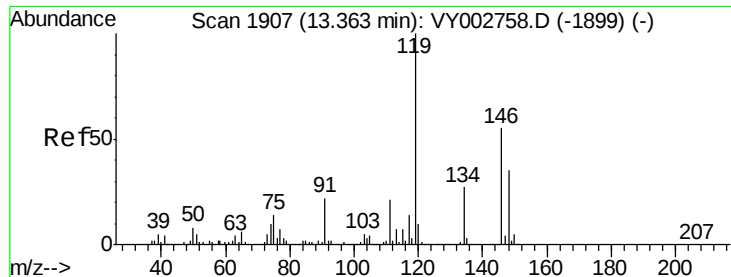


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

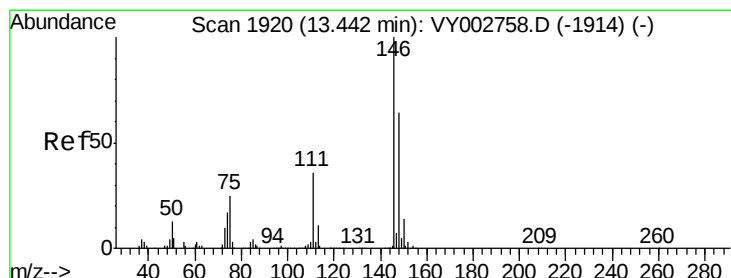
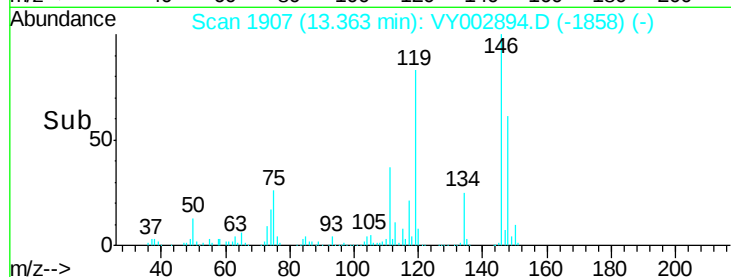
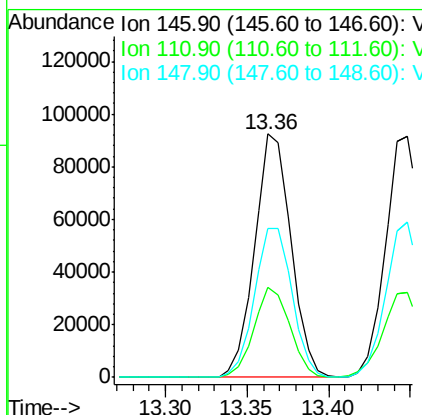
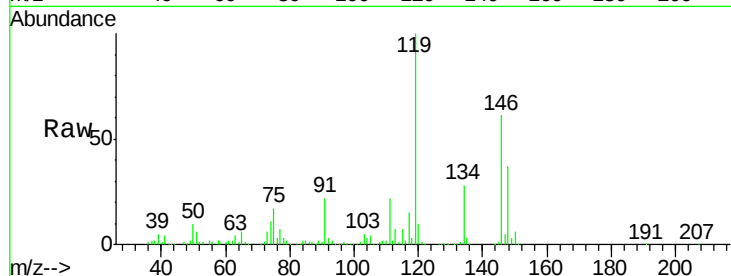




#87
 1,3-Dichlorobenzene
 Concen: 22.086 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

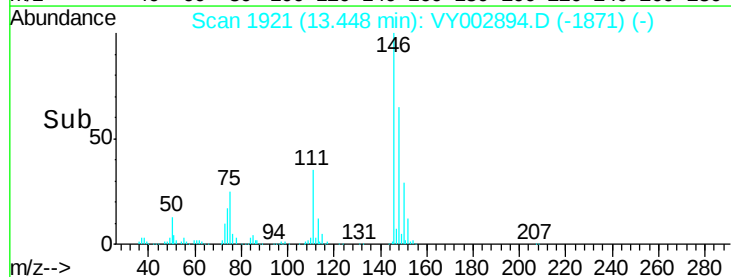
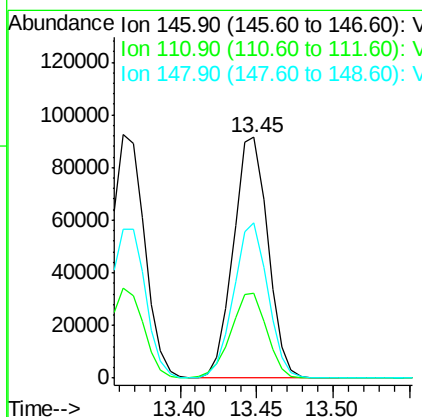
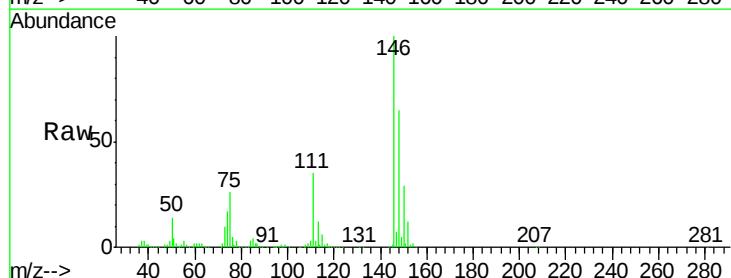
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion:146 Resp: 142880
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.0
 148 63.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 22.203 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion:146 Resp: 143683
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 63.7 32.1 96.3





#89

n-Butylbenzene

Concen: 22.020 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002894.D

Acq: 15 Jun 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

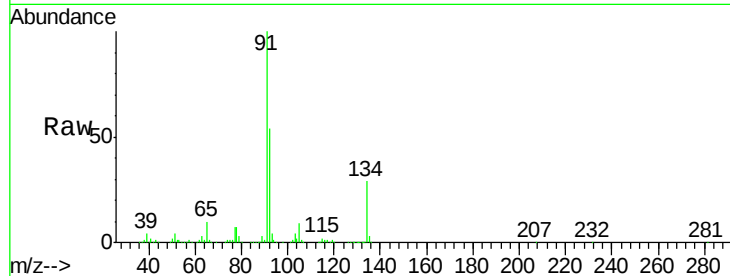
Tot Ion: 91 Resp: 248476

Ion Ratio Lower Upper

91 100

92 54.0 27.1 81.2

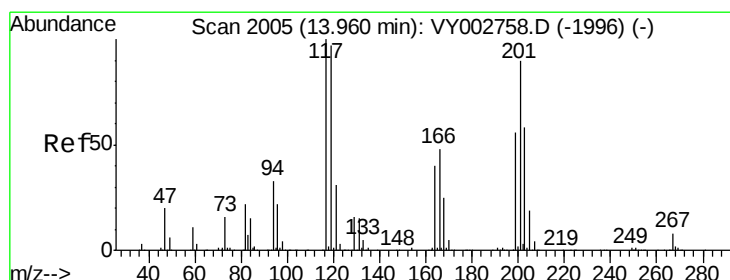
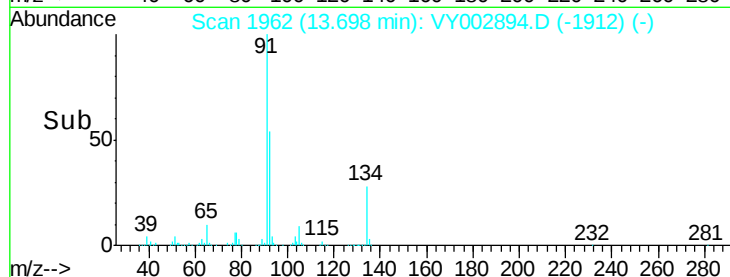
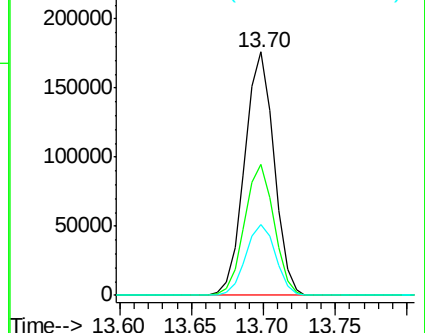
134 29.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002894.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002894.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002894.D (-1912) (-)



#90

Hexachloroethane

Concen: 22.280 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002894.D

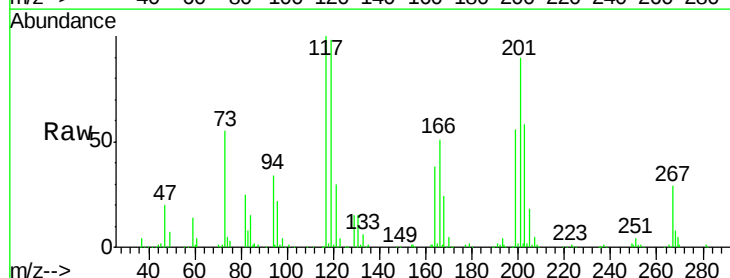
Acq: 15 Jun 2020 11:13

Tgt Ion: 117 Resp: 51840

Ion Ratio Lower Upper

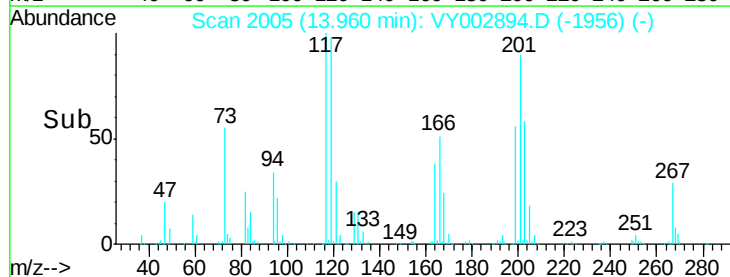
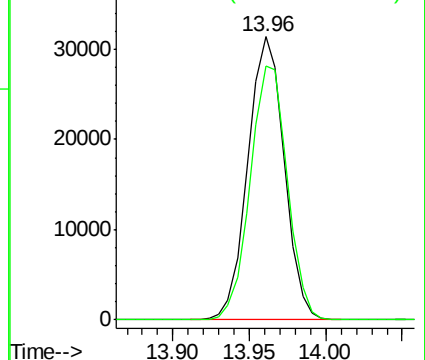
117 100

201 91.6 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002894.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002894.D (-1956) (-)

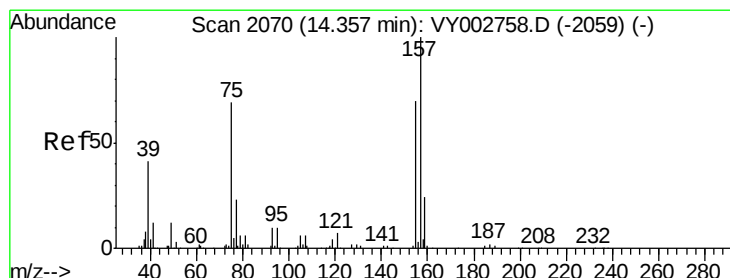
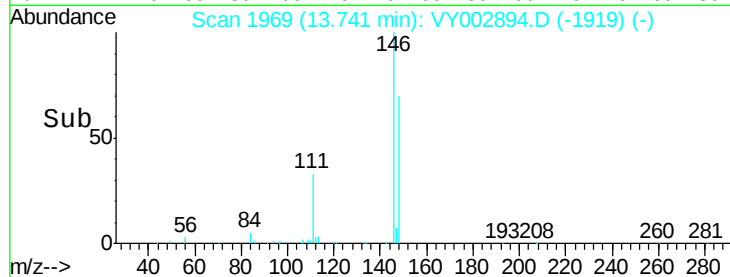
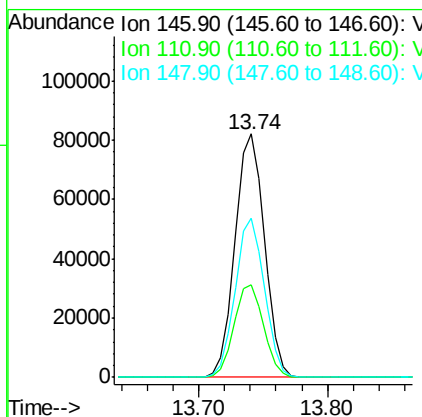
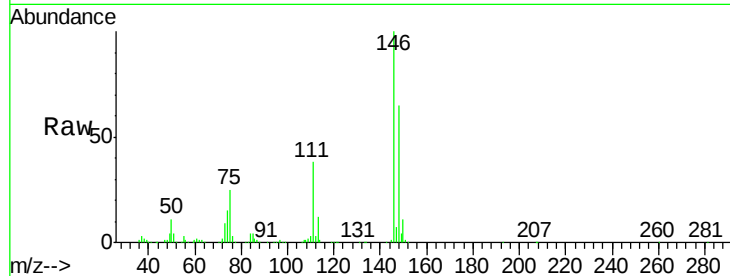




#91
 1,2-Dichlorobenzene
 Concen: 22.238 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

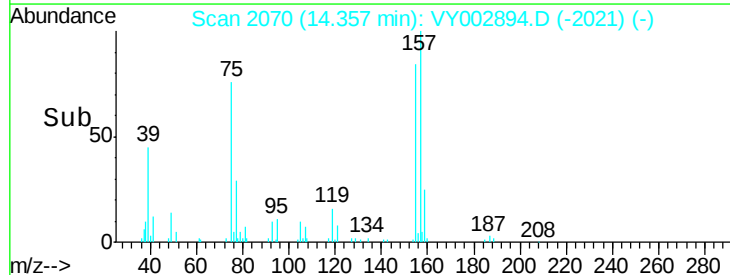
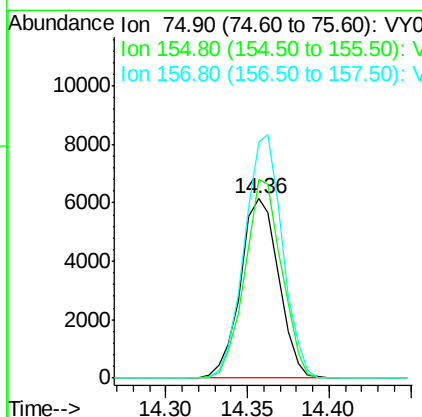
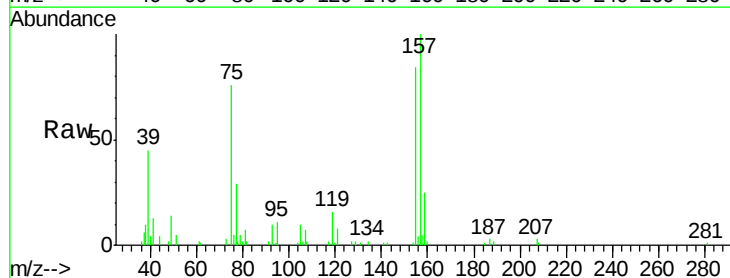
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

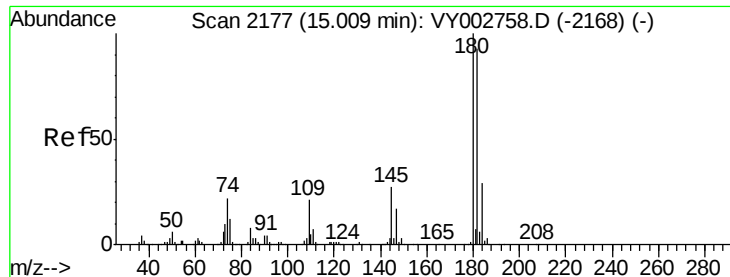
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.748 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.1	53.5	160.5
157	133.5	69.9	209.7

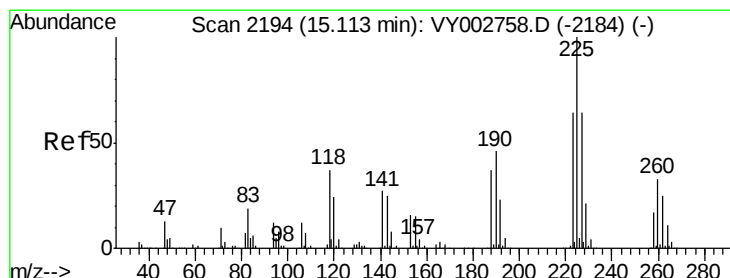
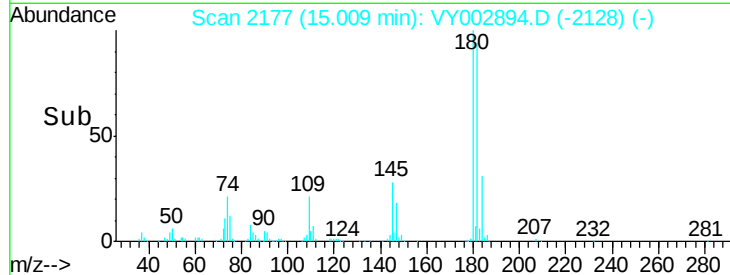
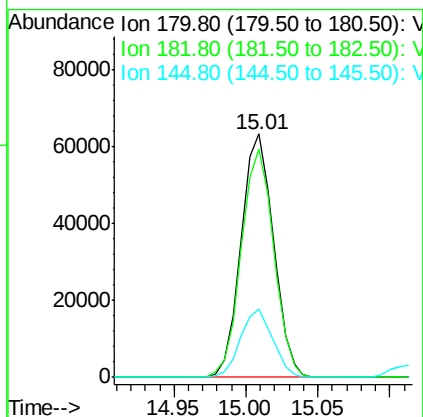
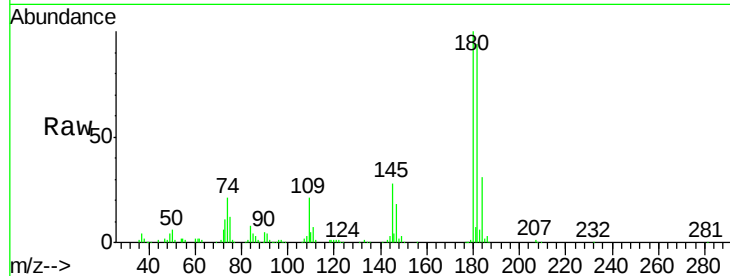




#93
 1,2,4-Trichlorobenzene
 Concen: 22.309 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

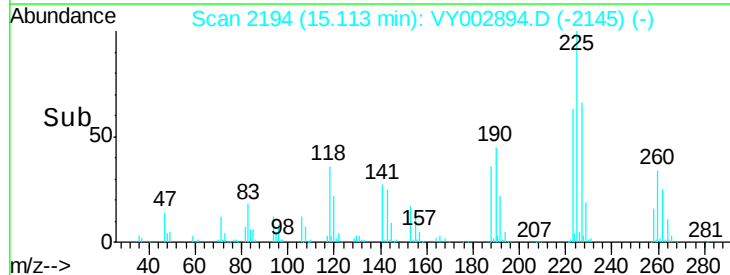
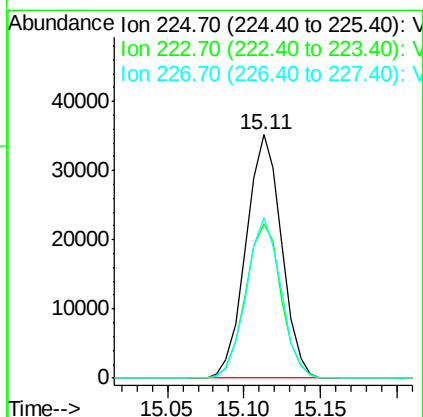
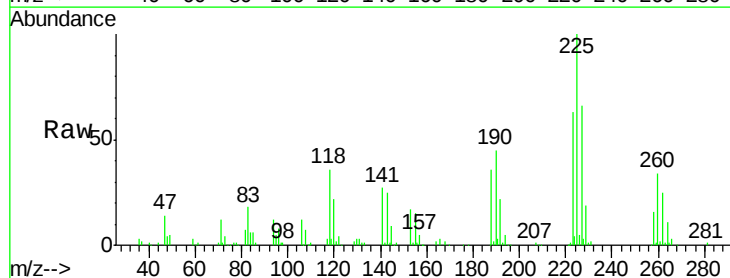
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

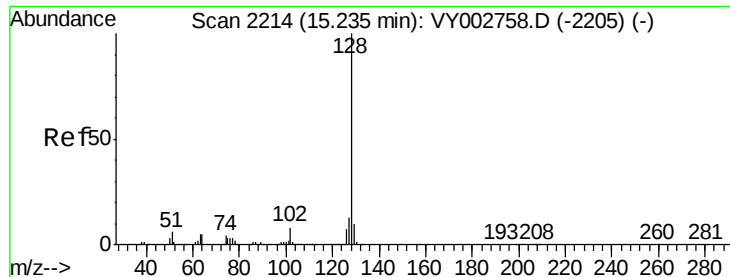
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.9
145	28.0	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 22.662 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002894.D
 Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	95.0
227	64.2	32.3	96.9

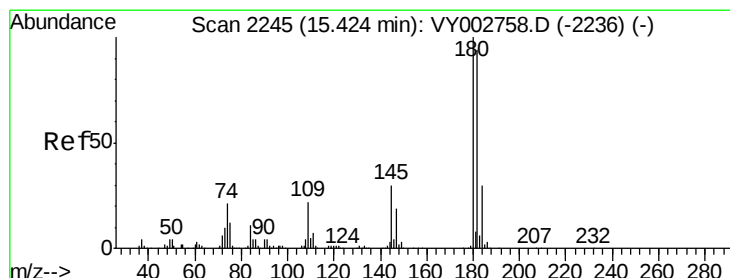
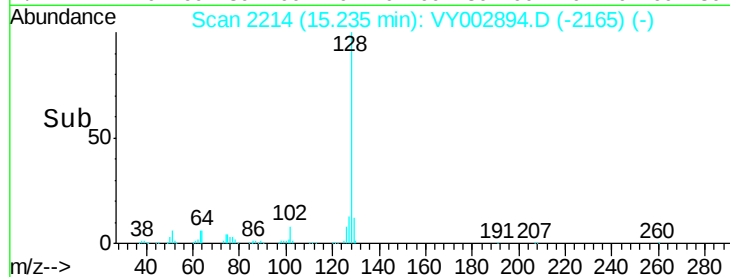
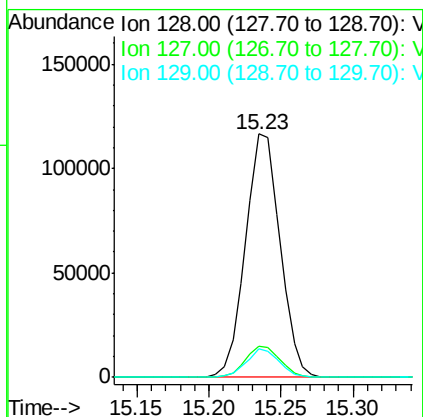
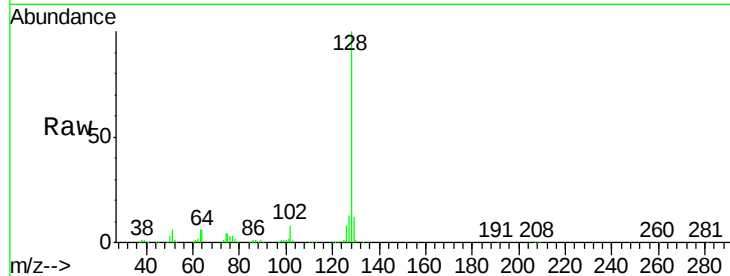




#95
Naphthalene
Concen: 21.814 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.288 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002894.D
Acq: 15 Jun 2020 11:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.4
145	30.4	15.1	45.3

