

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002701.D
 Acq On : 18 May 2020 11:22
 Operator : SY/MD
 Sample : VY0518SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

Quant Time: May 19 00:20:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	334521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	494427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	453276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242665	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	133089	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.72	113	139444	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.18	98	565527	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.48	95	192447	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	50782	21.185	ug/l	97
3) Chloromethane	2.12	50	61954	22.568	ug/l	99
4) Vinyl Chloride	2.26	62	61939	21.652	ug/l	96
5) Bromomethane	2.65	94	45045	21.245	ug/l	100
6) Chloroethane	2.79	64	37486	20.492	ug/l	99
7) Trichlorofluoromethane	3.13	101	98167	20.363	ug/l	100
8) Diethyl Ether	3.54	74	32706	19.943	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	57624	19.719	ug/l	98
10) Methyl Iodide	4.10	142	76701	19.068	ug/l	98
11) Tert butyl alcohol	4.96	59	26431	99.463	ug/l	97
12) 1,1-Dichloroethene	3.88	96	59226	20.184	ug/l	97
13) Acrolein	3.74	56	29740	95.418	ug/l	98
14) Allyl chloride	4.49	41	83231	19.758	ug/l	100
15) Acrylonitrile	5.18	53	76145	102.542	ug/l	100
16) Acetone	3.96	43	53668	99.494	ug/l	96
17) Carbon Disulfide	4.20	76	184993	20.099	ug/l	98
18) Methyl Acetate	4.49	43	31233	20.308	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	148412	20.392	ug/l	96
20) Methylene Chloride	4.72	84	63013	19.325	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	66060	20.247	ug/l	94
22) Diisopropyl ether	6.12	45	168178	20.123	ug/l	93
23) Vinyl Acetate	6.07	43	540913	101.076	ug/l	99
24) 1,1-Dichloroethane	6.03	63	99429	19.910	ug/l	99
25) 2-Butanone	7.00	43	87220	97.728	ug/l	96
26) 2,2-Dichloropropane	6.99	77	95371	20.525	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	71292	20.222	ug/l	99
28) Bromochloromethane	7.34	49	40807	20.655	ug/l	98
29) Tetrahydrofuran	7.35	42	61496	101.272	ug/l	98
30) Chloroform	7.51	83	104432	20.148	ug/l	99
31) Cyclohexane	7.79	56	100002	19.743	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	98342	20.534	ug/l	100
36) 1,1-Dichloropropene	7.92	75	84181	20.112	ug/l	99
37) Ethyl Acetate	7.08	43	40837	19.837	ug/l	100
38) Carbon Tetrachloride	7.91	117	94155	20.930	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	112673	20.020	ug/l	96
40) Benzene	8.16	78	247502	20.266	ug/l	100
41) Methacrylonitrile	7.34	41	30175m	24.397	ug/l	
42) 1,2-Dichloroethane	8.24	62	66799	20.738	ug/l	98
43) Isopropyl Acetate	8.28	43	76985	20.122	ug/l	98
44) Trichloroethene	8.94	130	79129	20.327	ug/l	99
45) 1,2-Dichloropropane	9.22	63	57652	19.890	ug/l	98
46) Dibromomethane	9.31	93	33497	20.570	ug/l	99
47) Bromodichloromethane	9.50	83	81515	20.510	ug/l	99
48) Methyl methacrylate	9.30	41	35346	20.065	ug/l	98
49) 1,4-Dioxane	9.30	88	8979	404.844	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	203969	103.260	ug/l	100
52) Toluene	10.24	92	161950	20.491	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	87004	20.510	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	100869	20.512	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	50325	20.758	ug/l	98
56) Ethyl methacrylate	10.51	69	66466	20.593	ug/l	99
57) 1,3-Dichloropropane	10.79	76	84259	20.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	155223	97.419	ug/l	99
59) 2-Hexanone	10.83	43	140319	101.962	ug/l	99
60) Dibromochloromethane	10.99	129	64075	20.688	ug/l	98
61) 1,2-Dibromoethane	11.09	107	49045	20.533	ug/l	99
64) Tetrachloroethene	10.72	164	90033	20.922	ug/l	97
65) Chlorobenzene	11.52	112	180163	20.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	66929	20.589	ug/l	100
67) Ethyl Benzene	11.60	91	314261	20.434	ug/l	100
68) m/p-Xylenes	11.70	106	246718	41.235	ug/l	99
69) o-Xylene	12.03	106	115982	20.653	ug/l	98
70) Styrene	12.05	104	198828	20.622	ug/l	99
71) Bromoform	12.21	173	41912	20.858	ug/l #	99
73) Isopropylbenzene	12.33	105	318279	20.073	ug/l	100
74) N-amyl acetate	12.14	43	74475	20.016	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46569	19.944	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	41339m	20.738	ug/l	
77) Bromobenzene	12.61	156	80543	20.318	ug/l	99
78) n-propylbenzene	12.67	91	368801	19.994	ug/l	100
79) 2-Chlorotoluene	12.75	91	202288	19.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	266549	20.006	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21573	20.467	ug/l #	75
82) 4-Chlorotoluene	12.86	91	215197	20.081	ug/l	99
83) tert-Butylbenzene	13.08	119	231068	19.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	267656	20.102	ug/l	100
85) sec-Butylbenzene	13.25	105	325378	19.998	ug/l	100
86) p-Isopropyltoluene	13.37	119	307920	20.218	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	153607	20.097	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	151116	19.859	ug/l	98
89) n-Butylbenzene	13.70	91	280831	20.079	ug/l	99
90) Hexachloroethane	13.96	117	55836	19.794	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	136496	19.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9044	20.198	ug/l	97

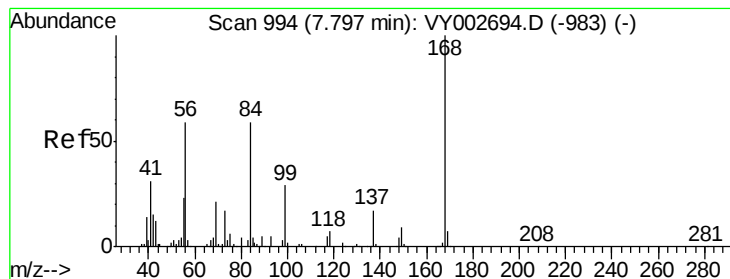
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
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QLast Update : Sat May 16 04:52:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	101250	18.483	ug/l	100
94) Hexachlorobutadiene	15.11	225	62006	18.731	ug/l	98
95) Naphthalene	15.23	128	175344	18.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	83617	17.692	ug/l	100

(#) = 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: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

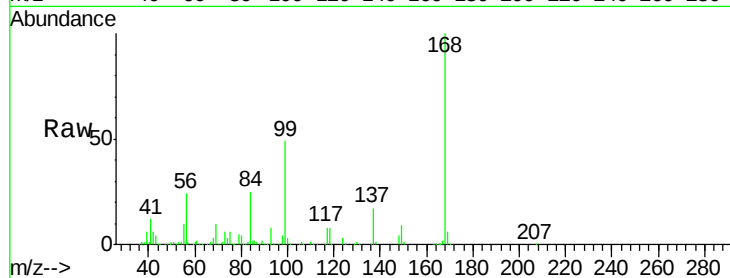
VY0518SBS01

Tot Ion:168 Resp: 334521

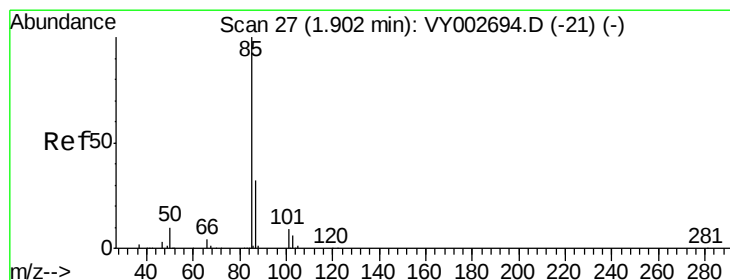
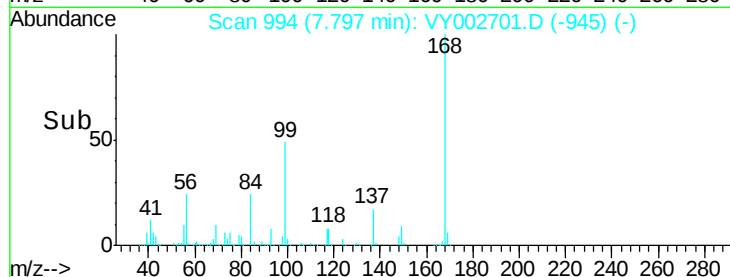
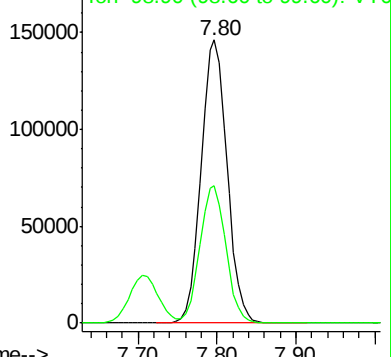
Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002701.D (-945) (-)



#2

Dichlorodifluoromethane

Concen: 21.185 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002701.D

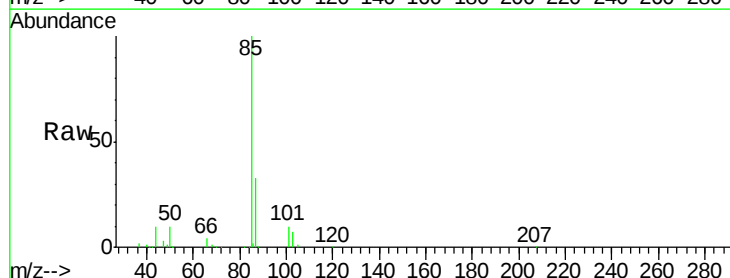
Acq: 18 May 2020 11:22

Tgt Ion: 85 Resp: 50782

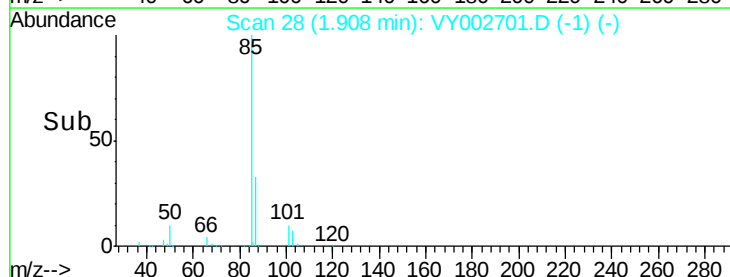
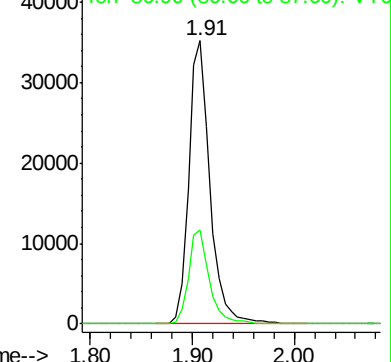
Ion Ratio Lower Upper

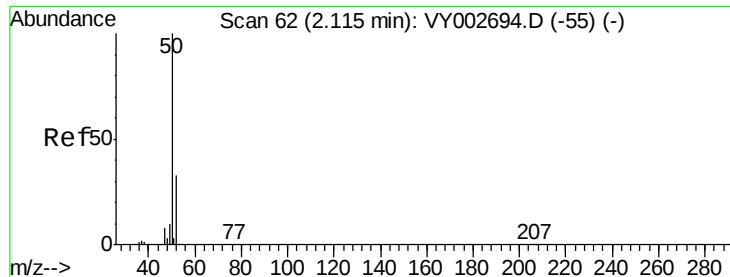
85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002701.D (-1) (-)





#3

Chloromethane

Concen: 22.568 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

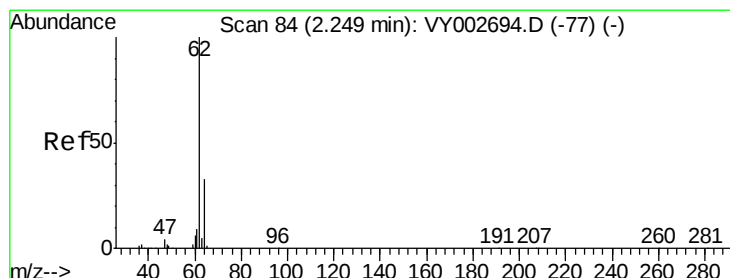
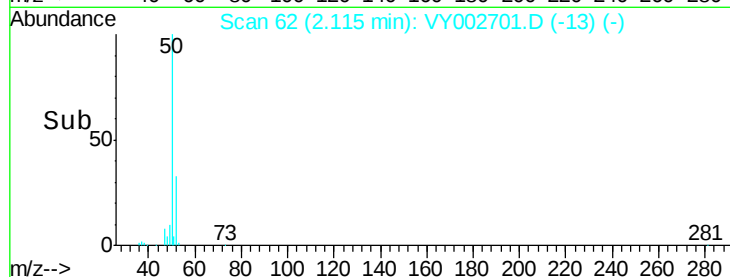
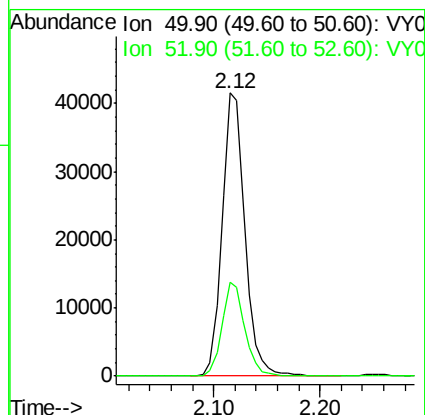
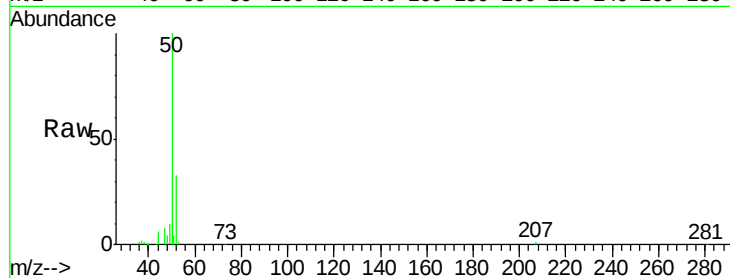
VY0518SBS01

Tot Ion: 50 Resp: 61954

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



#4

Vinyl Chloride

Concen: 21.652 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002701.D

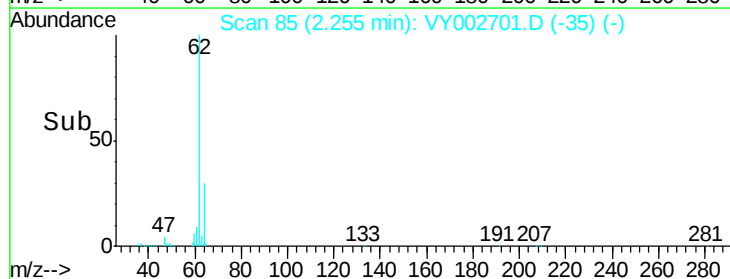
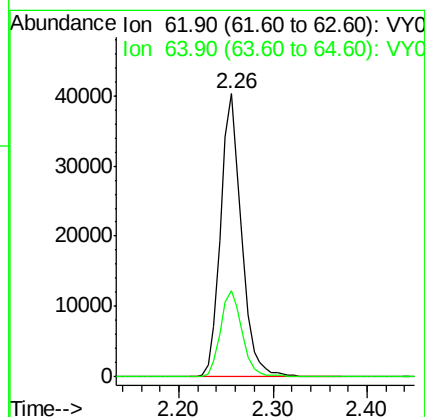
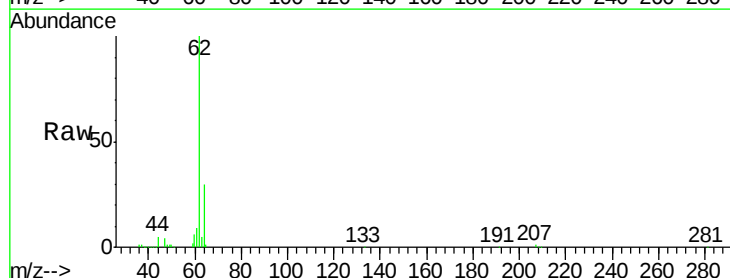
Acq: 18 May 2020 11:22

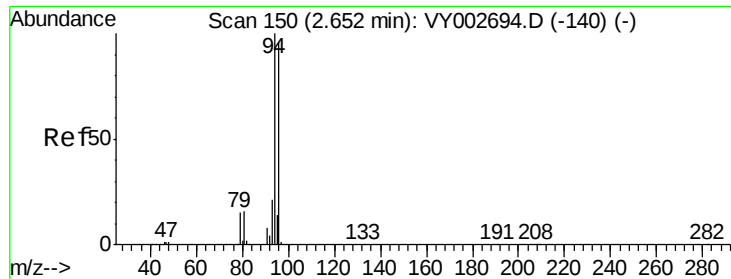
Tgt Ion: 62 Resp: 61939

Ion Ratio Lower Upper

62 100

64 30.3 26.2 39.4





#5

Bromomethane

Concen: 21.245 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

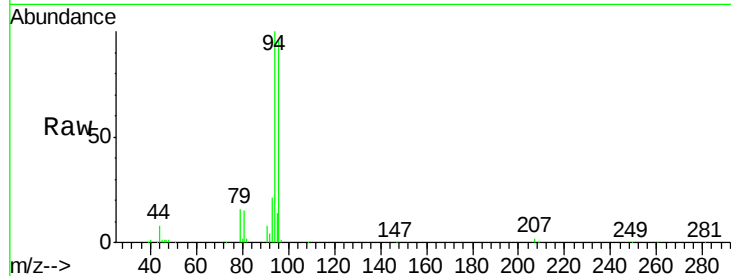
VY0518SBS01

Tot Ion: 94 Resp: 45045

Ion Ratio Lower Upper

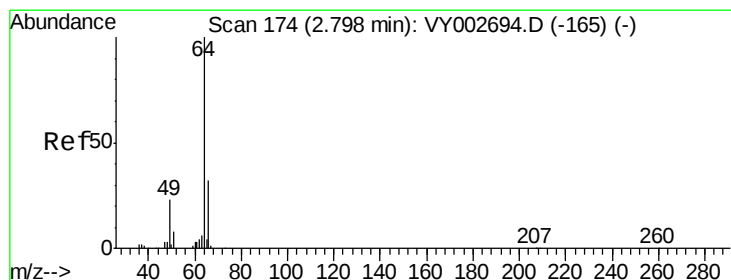
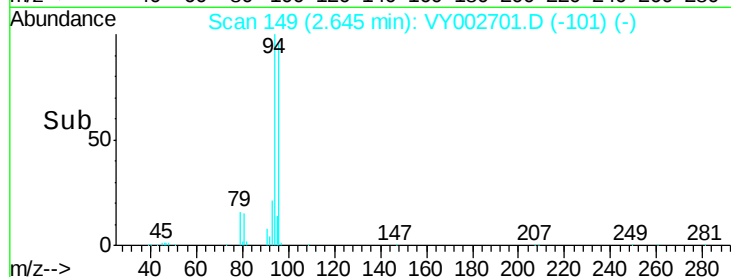
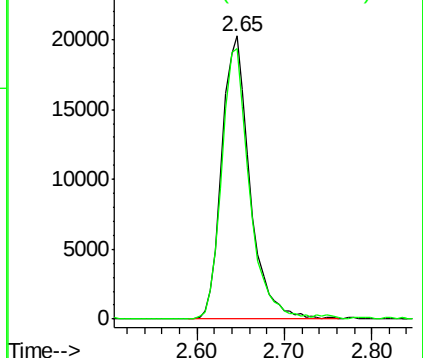
94 100

96 95.8 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.492 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002701.D

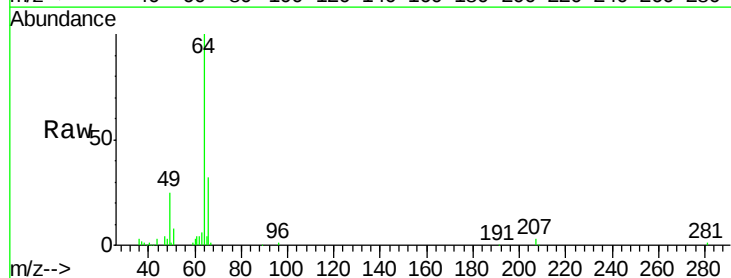
Acq: 18 May 2020 11:22

Tgt Ion: 64 Resp: 37486

Ion Ratio Lower Upper

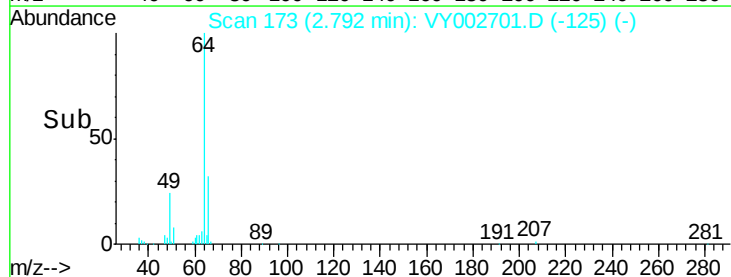
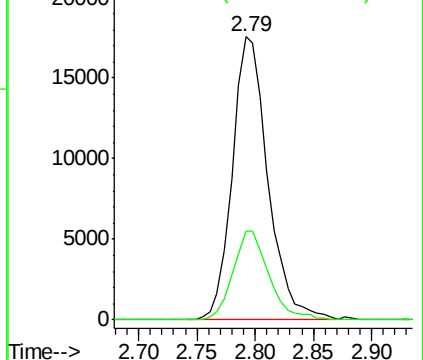
64 100

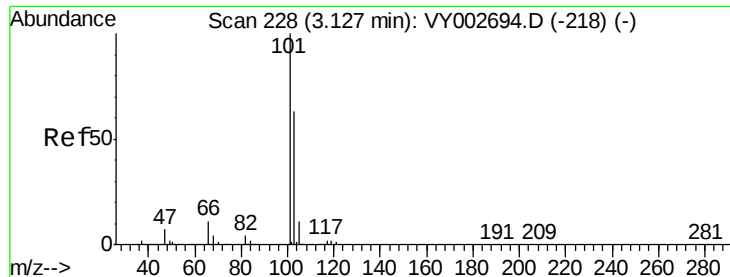
66 31.6 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



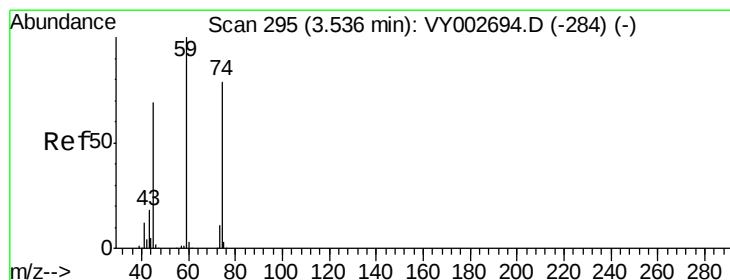
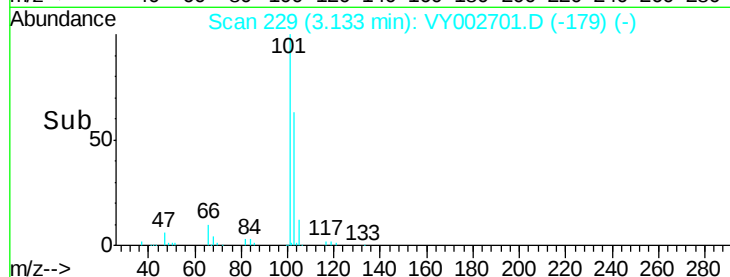
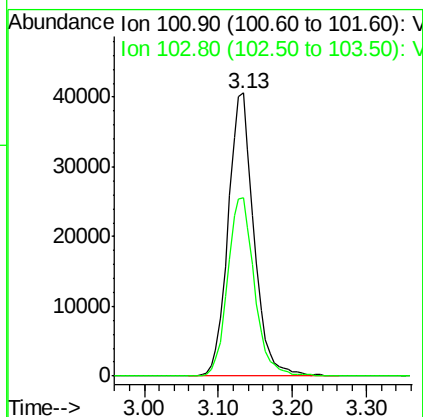
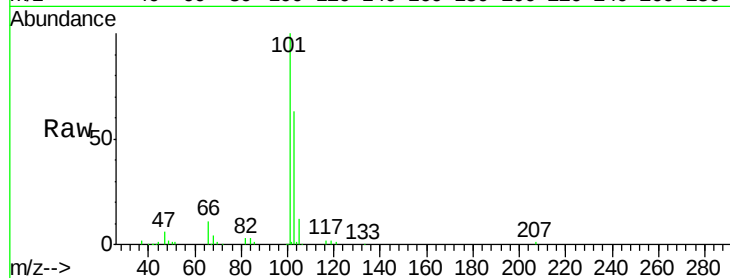


#7

Trichlorofluoromethane
 Concen: 20.363 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

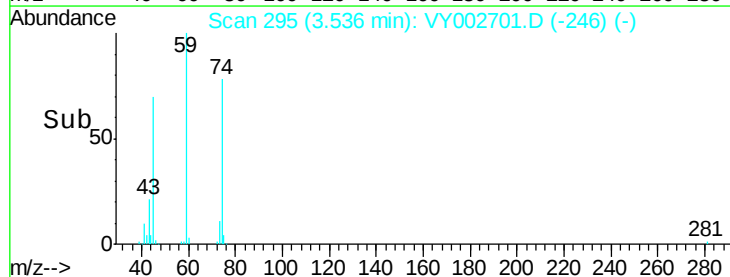
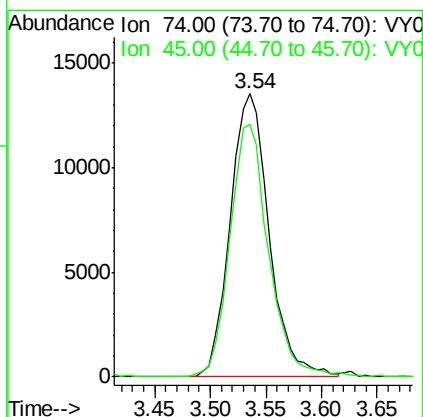
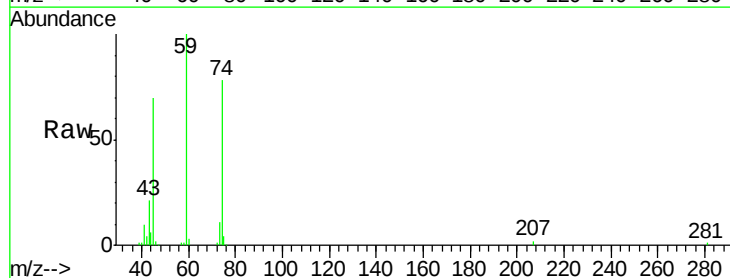
Tot Ion:101 Resp: 98167
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.6 75.8

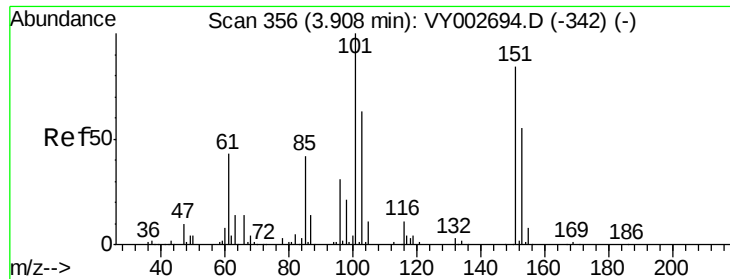


#8

Diethyl Ether
 Concen: 19.943 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Tgt Ion: 74 Resp: 32706
 Ion Ratio Lower Upper
 74 100
 45 88.9 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.719 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

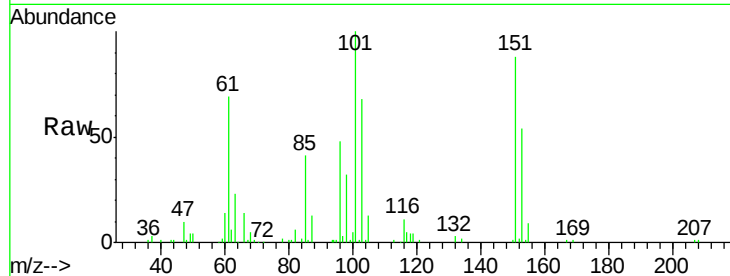
Tot Ion:101 Resp: 57624

Ion Ratio Lower Upper

101 100

85 42.7 33.5 50.3

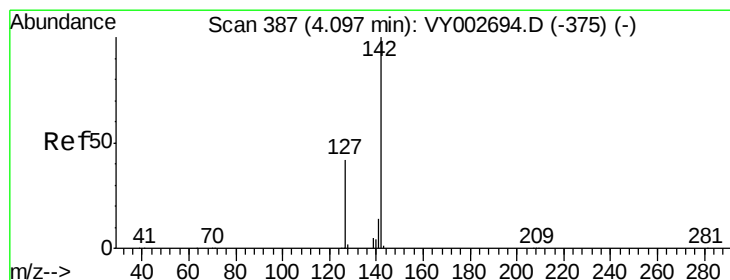
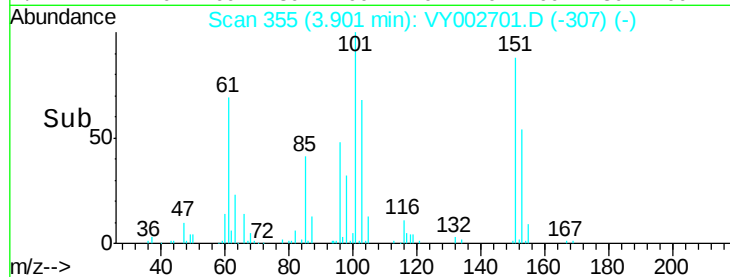
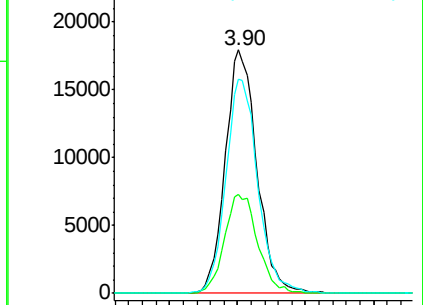
151 89.3 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.068 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

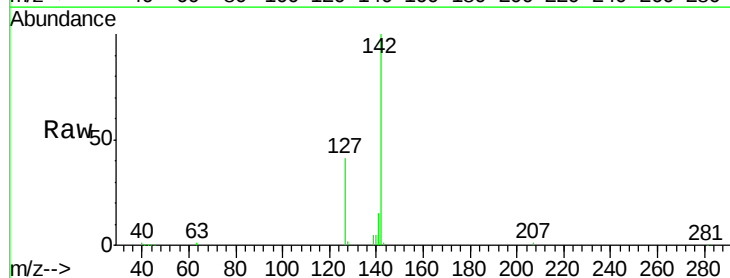
Tgt Ion:142 Resp: 76701

Ion Ratio Lower Upper

142 100

127 42.2 32.8 49.2

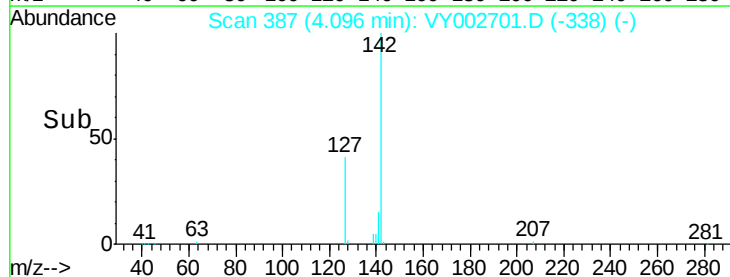
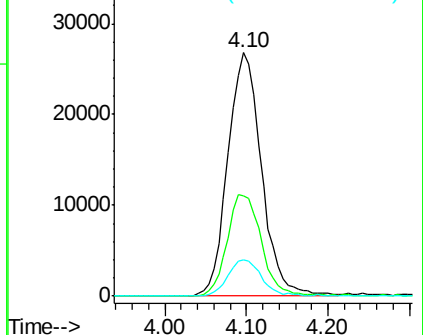
141 14.9 11.3 16.9

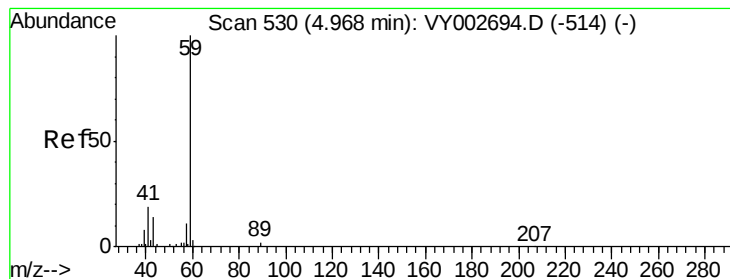


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



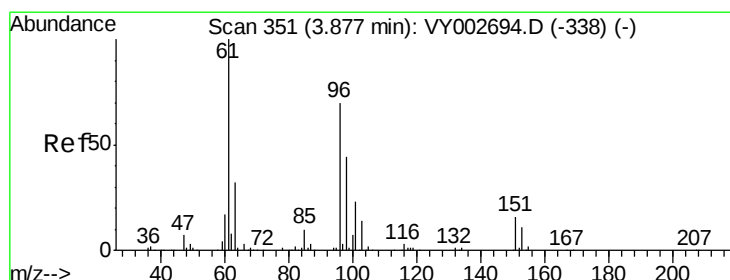
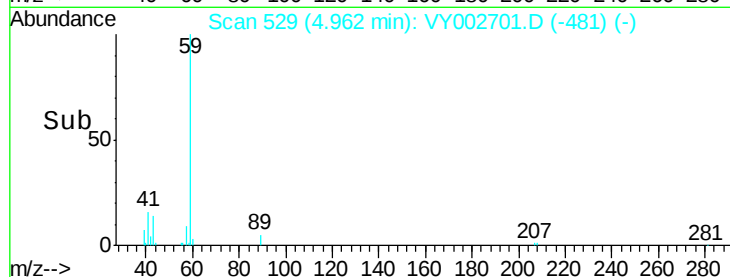
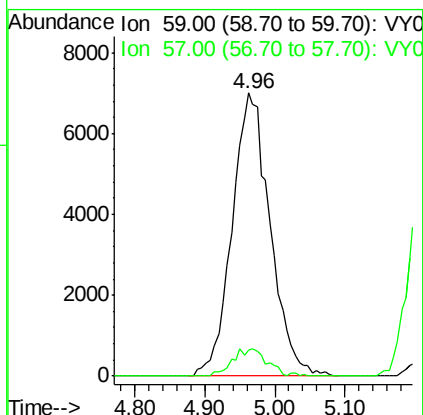
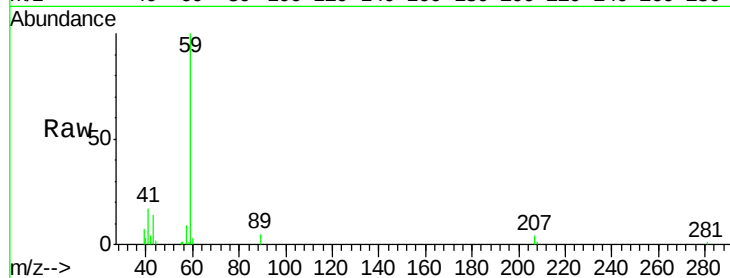


#11

Tert butyl alcohol
 Concen: 99.463 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

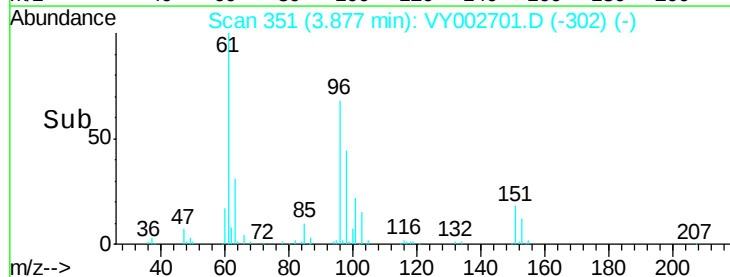
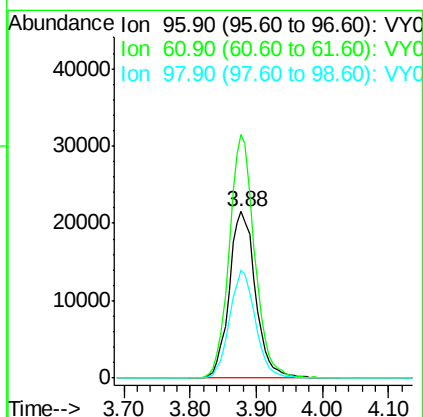
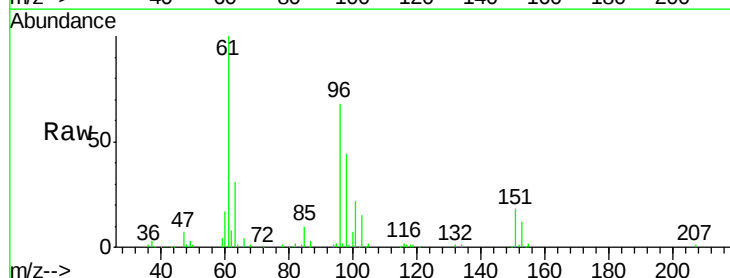
Tot Ion: 59 Resp: 26431
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.7 11.5

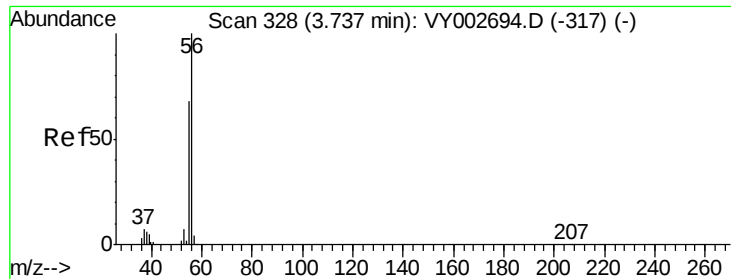


#12

1,1-Dichloroethene
 Concen: 20.184 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Tgt Ion: 96 Resp: 59226
 Ion Ratio Lower Upper
 96 100
 61 146.3 113.8 170.8
 98 64.8 50.4 75.6





#13

Acrolein

Concen: 95.418 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

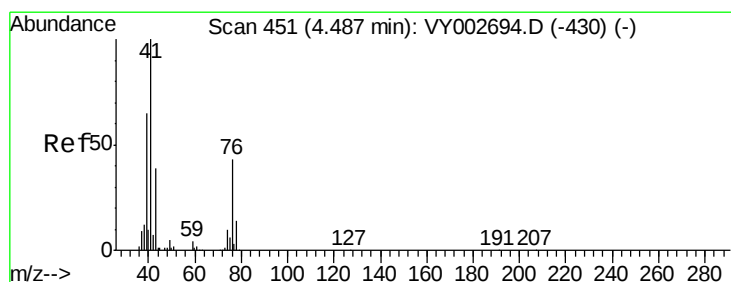
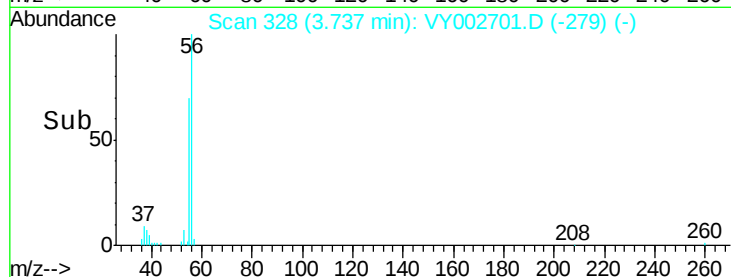
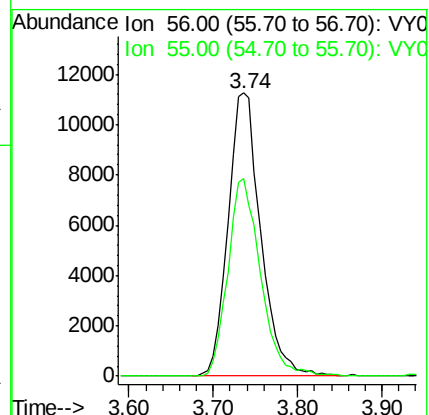
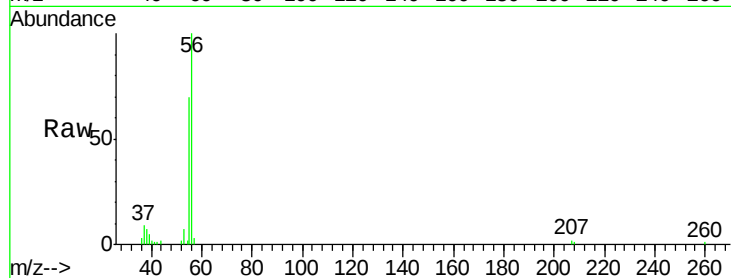
VY0518SBS01

Tot Ion: 56 Resp: 29740

Ion Ratio Lower Upper

56 100

55 69.7 54.8 82.2



#14

Allyl chloride

Concen: 19.758 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

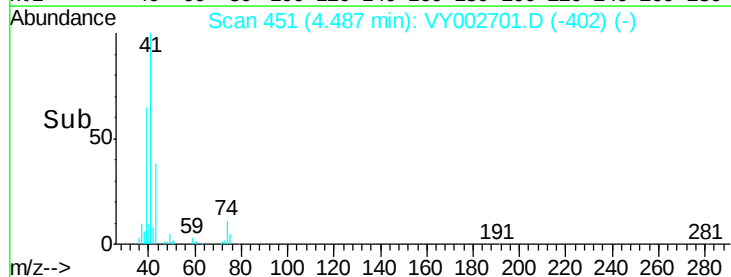
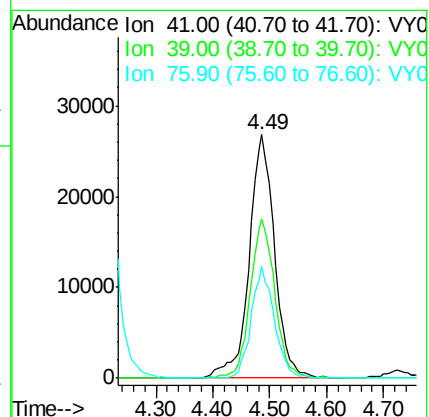
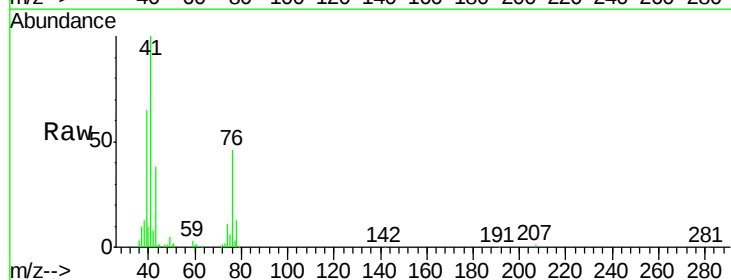
Tgt Ion: 41 Resp: 83231

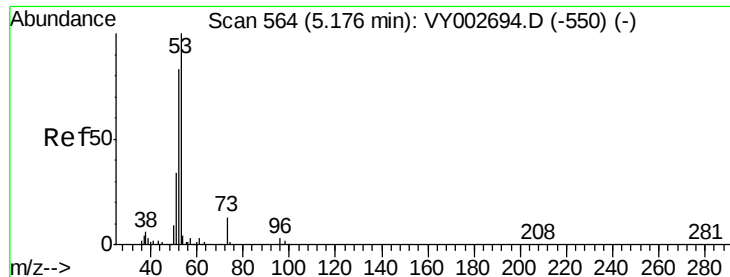
Ion Ratio Lower Upper

41 100

39 63.3 50.3 75.5

76 41.5 33.2 49.8





#15

Acrylonitrile

Concen: 102.542 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

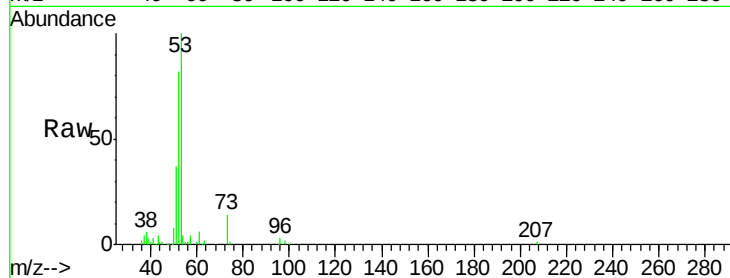
Tot Ion: 53 Resp: 76145

Ion Ratio Lower Upper

53 100

52 81.6 65.0 97.6

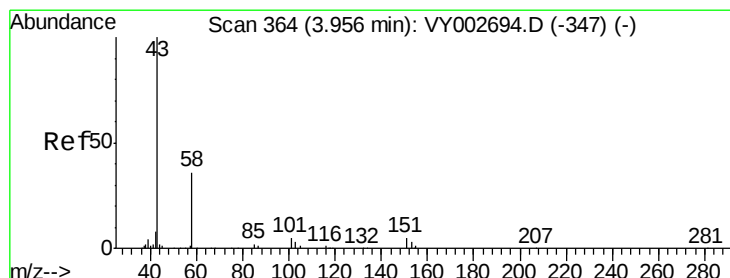
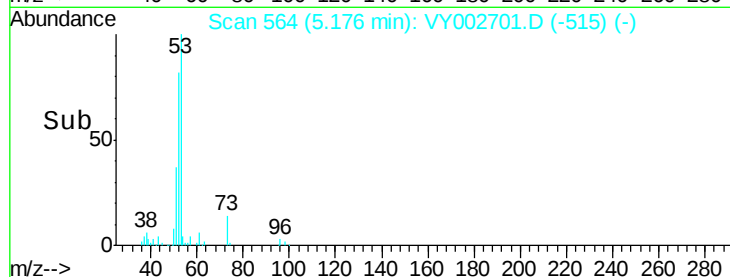
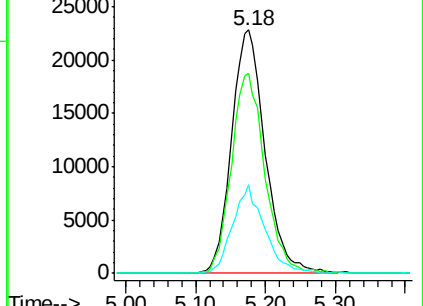
51 34.5 27.9 41.9



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: 99.494 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002701.D

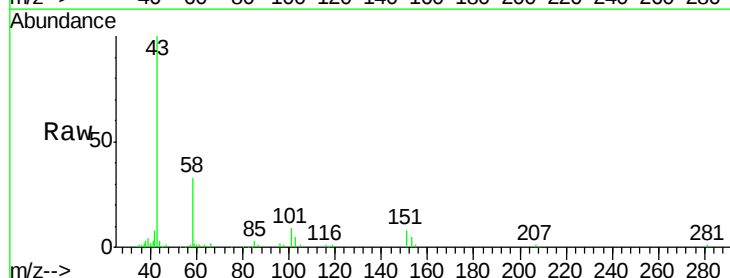
Acq: 18 May 2020 11:22

Tgt Ion: 43 Resp: 53668

Ion Ratio Lower Upper

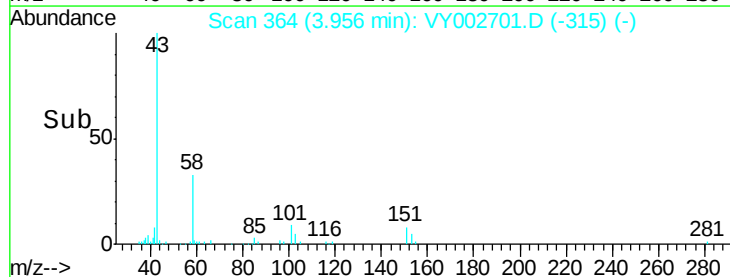
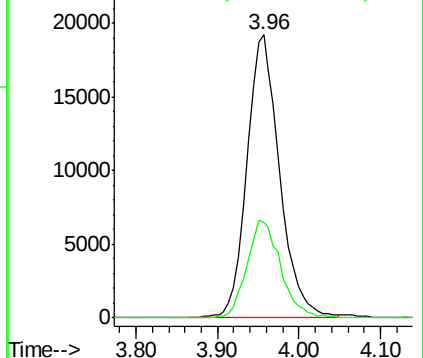
43 100

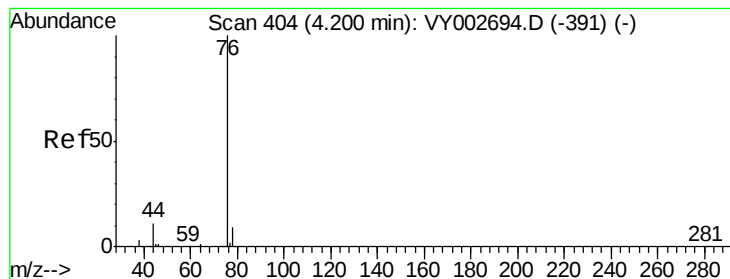
58 33.5 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.099 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

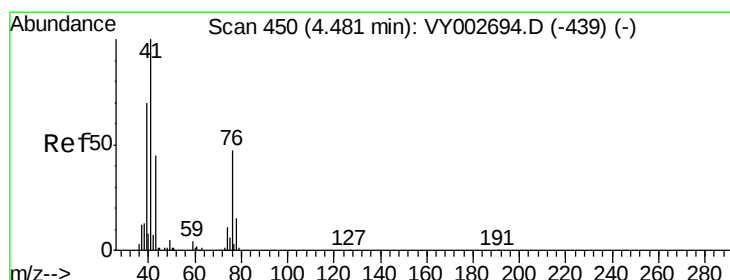
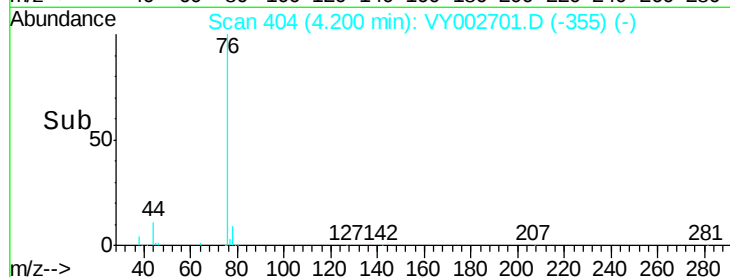
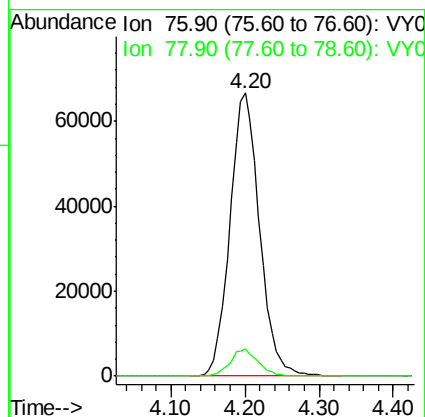
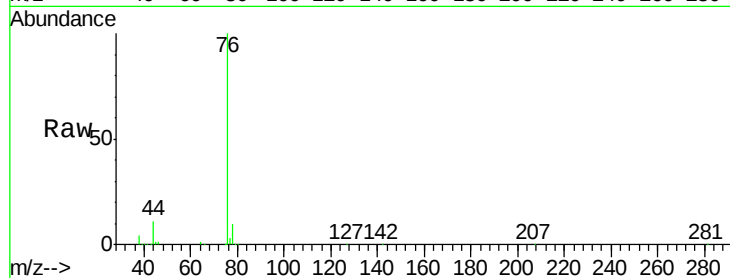
VY0518SBS01

Tot Ion: 76 Resp: 184993

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



#18

Methyl Acetate

Concen: 20.308 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002701.D

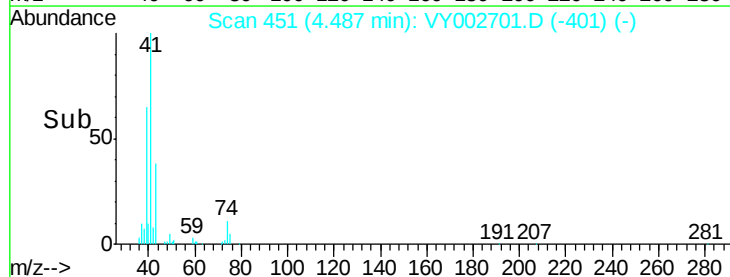
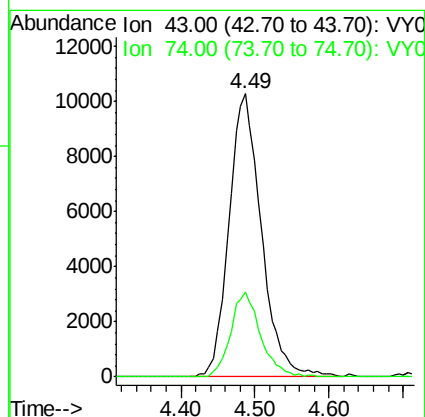
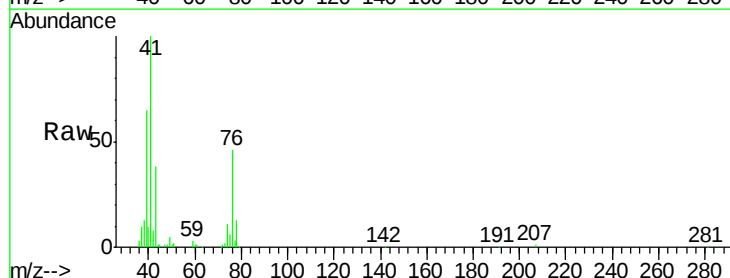
Acq: 18 May 2020 11:22

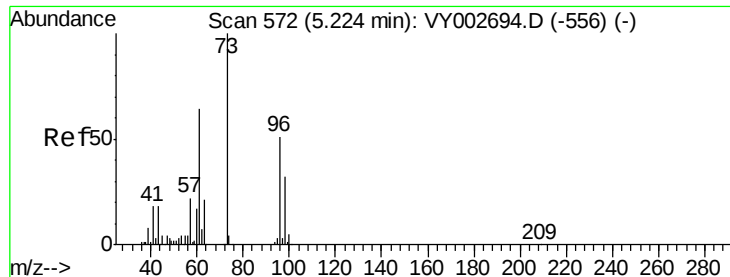
Tgt Ion: 43 Resp: 31233

Ion Ratio Lower Upper

43 100

74 27.4 21.1 31.7



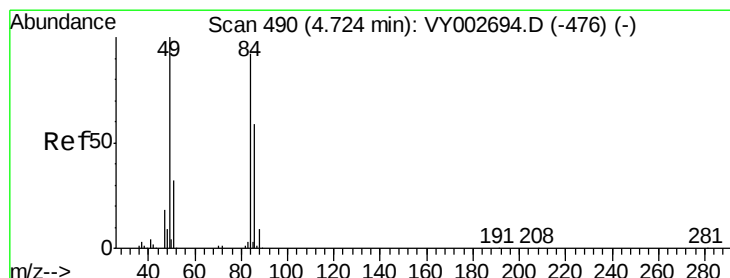
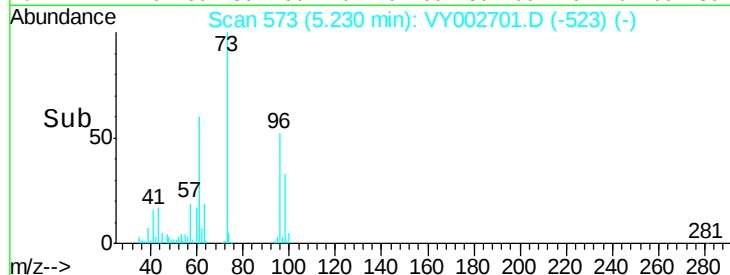
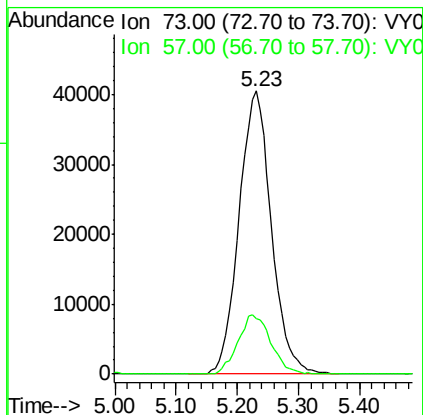
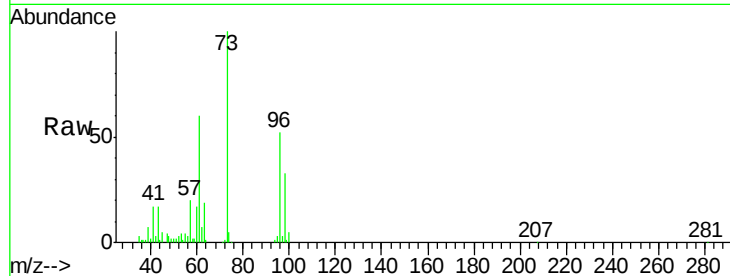


#19

Methyl tert-butyl Ether
 Concen: 20.392 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

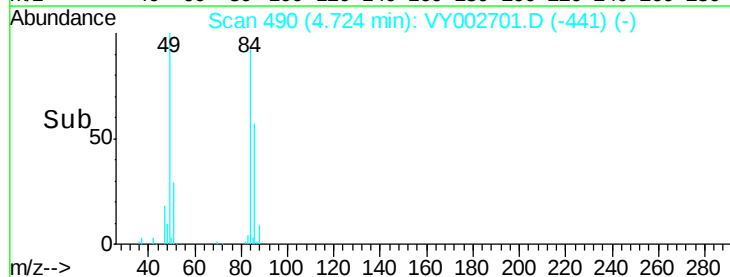
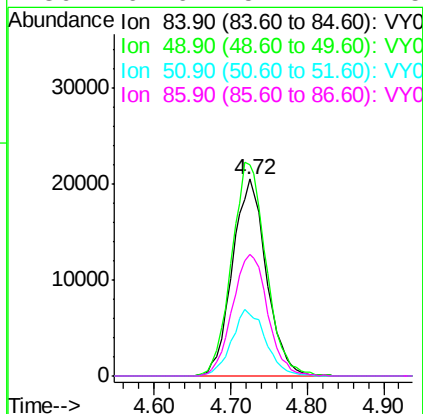
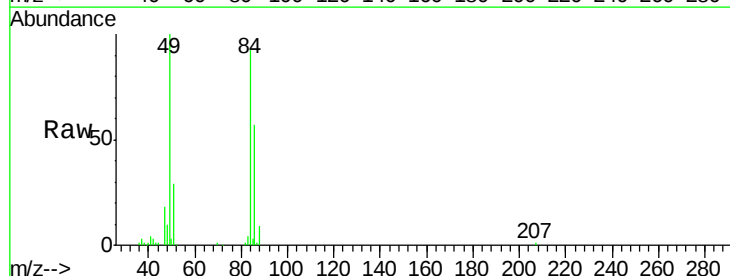
Tot Ion: 73 Resp: 148412
 Ion Ratio Lower Upper
 73 100
 57 19.8 17.3 25.9

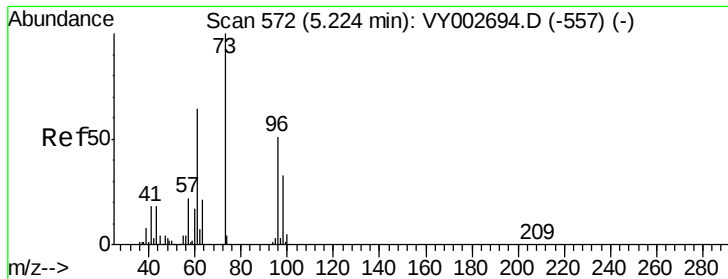


#20

Methylene Chloride
 Concen: 19.325 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Tgt Ion: 84 Resp: 63013
 Ion Ratio Lower Upper
 84 100
 49 107.1 87.4 131.0
 51 31.0 27.9 41.9
 86 61.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.247 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

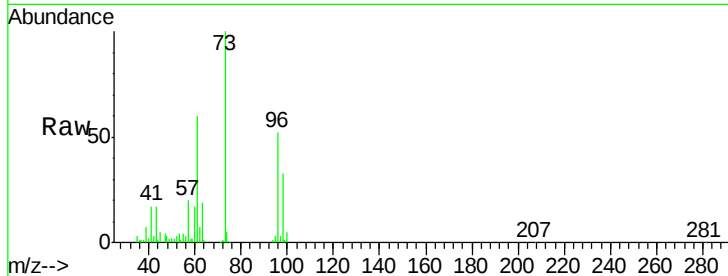
Tot Ion: 96 Resp: 66060

Ion Ratio Lower Upper

96 100

61 115.0 99.6 149.4

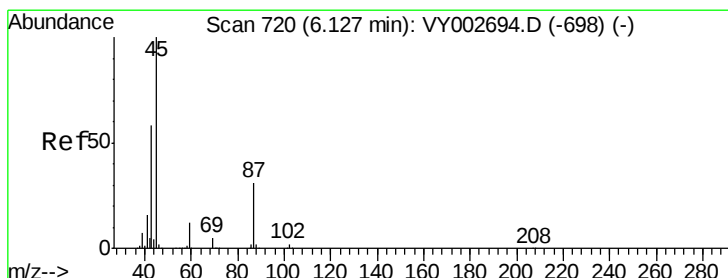
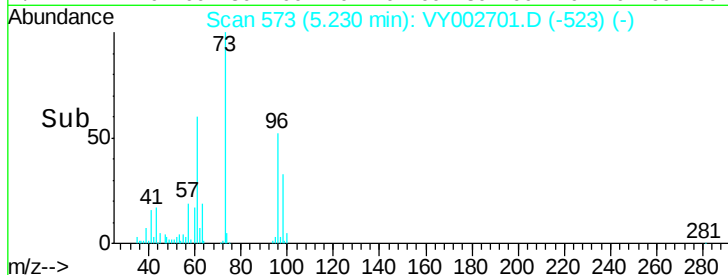
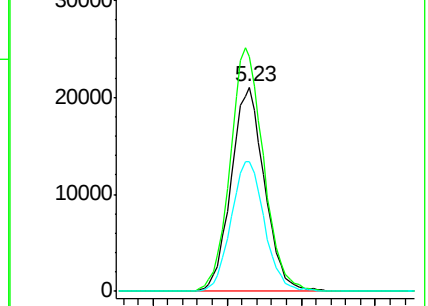
98 63.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.123 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Tgt Ion: 45 Resp: 168178

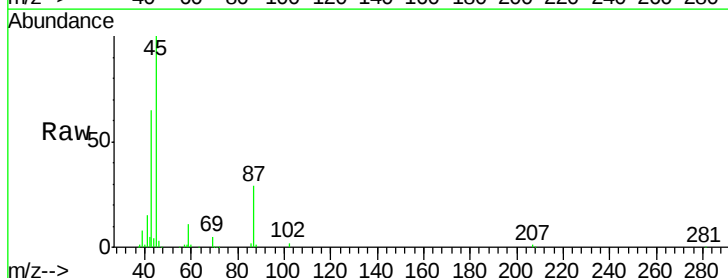
Ion Ratio Lower Upper

45 100

43 64.4 46.1 69.1

87 29.3 24.9 37.3

59 11.4 9.8 14.8

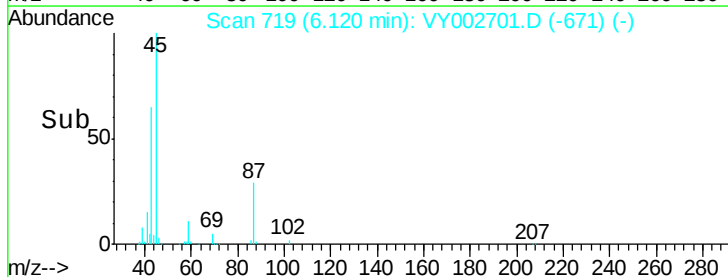
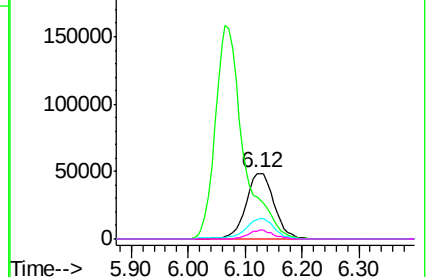


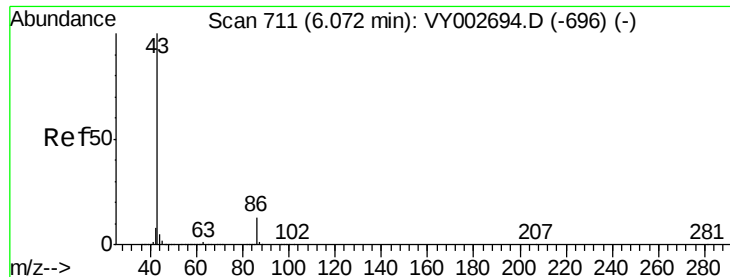
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 101.076 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

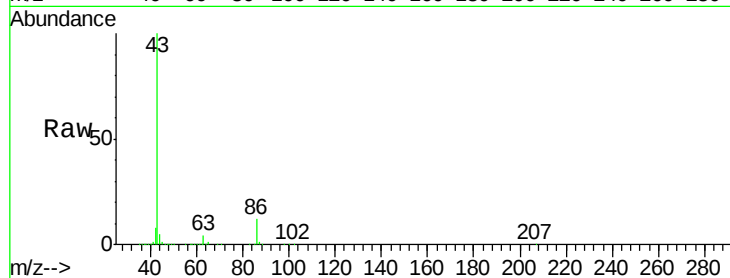
VY0518SBS01

Tot Ion: 43 Resp: 540913

Ion Ratio Lower Upper

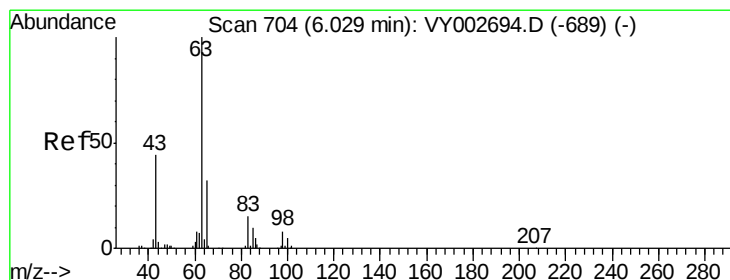
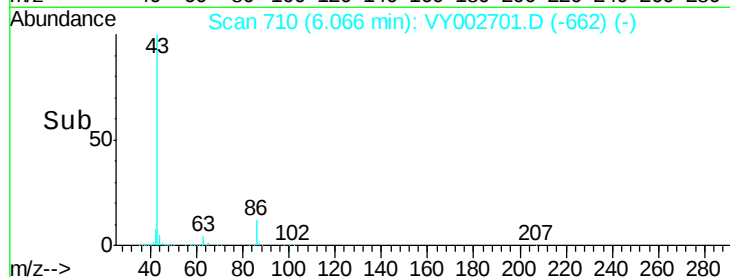
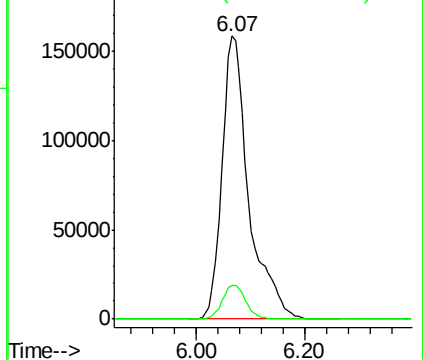
43 100

86 12.1 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.910 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

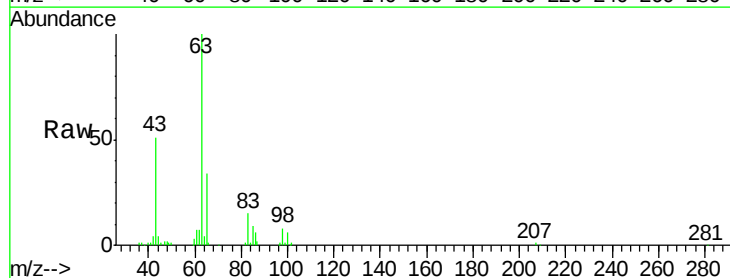
Tgt Ion: 63 Resp: 99429

Ion Ratio Lower Upper

63 100

98 8.0 4.0 11.9

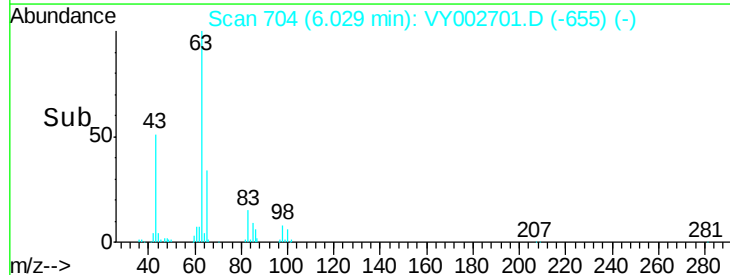
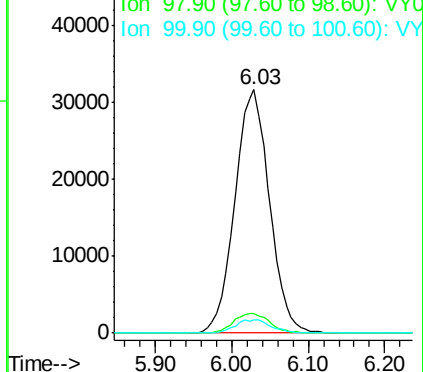
100 5.7 2.5 7.6

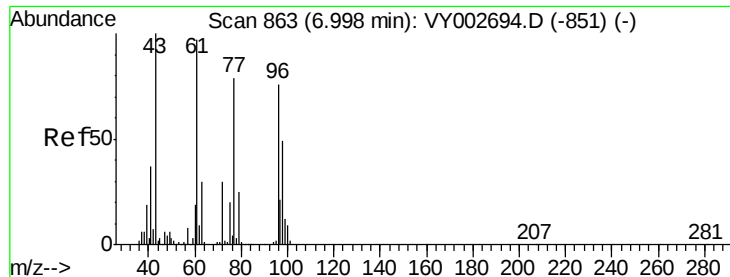


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 97.728 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

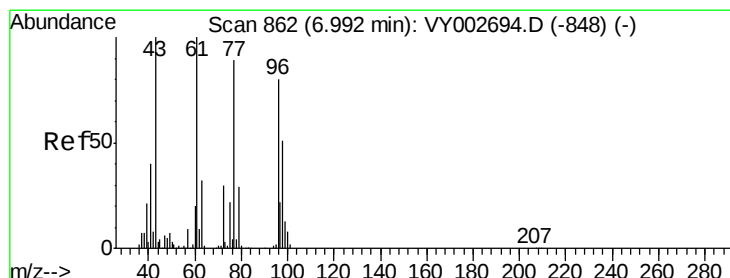
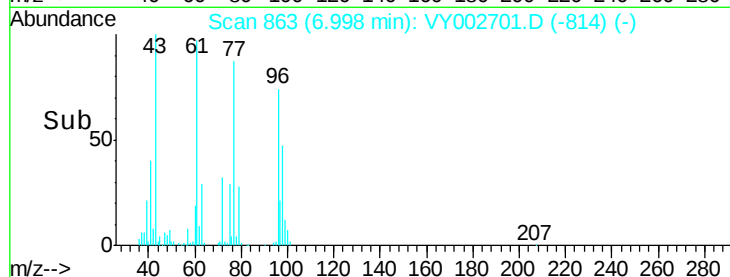
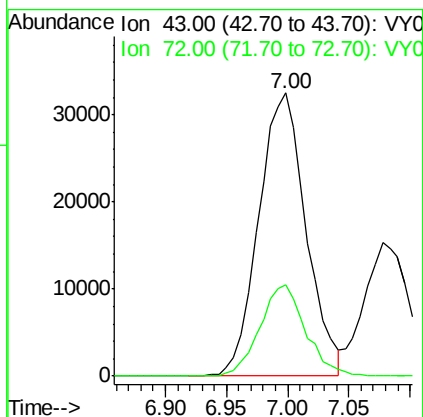
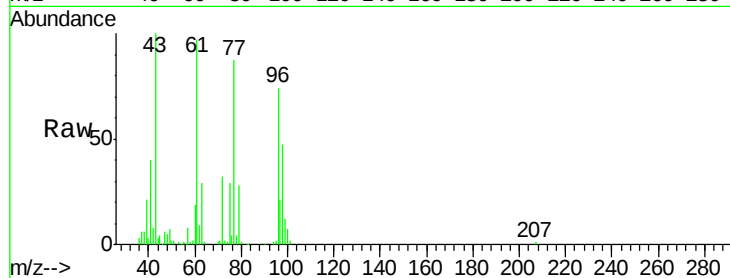
VY0518SBS01

Tot Ion: 43 Resp: 87220

Ion Ratio Lower Upper

43 100

72 32.3 24.1 36.1



#26

2,2-Dichloropropane

Concen: 20.525 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002701.D

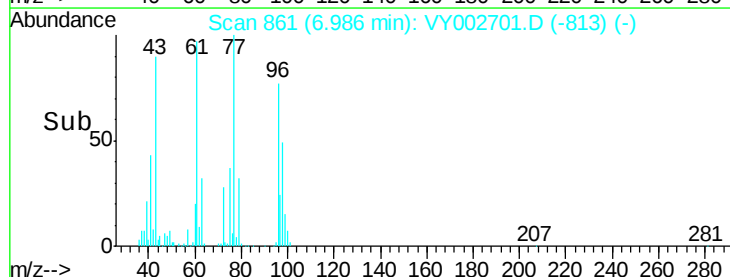
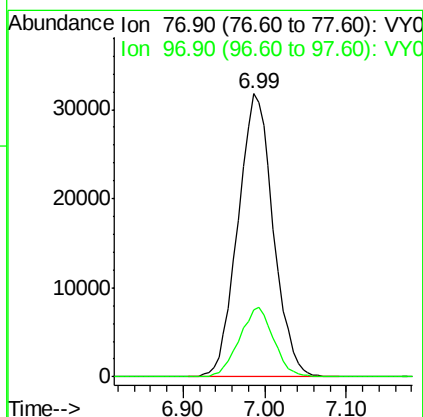
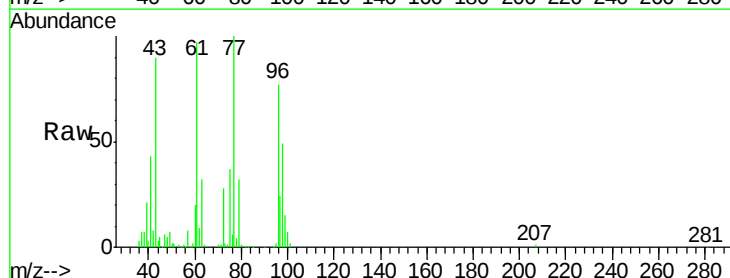
Acq: 18 May 2020 11:22

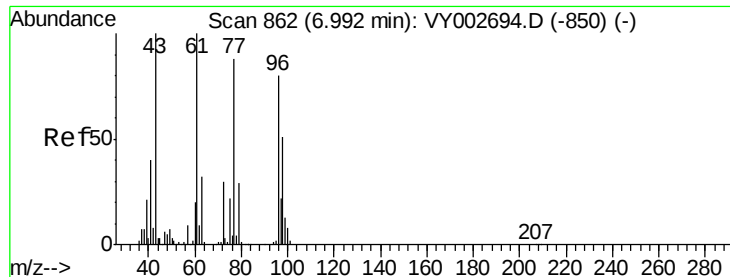
Tgt Ion: 77 Resp: 95371

Ion Ratio Lower Upper

77 100

97 24.0 12.3 36.9



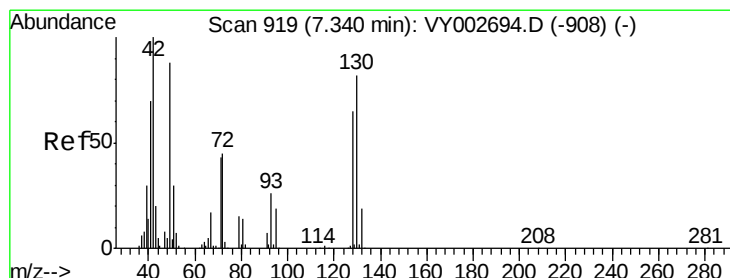
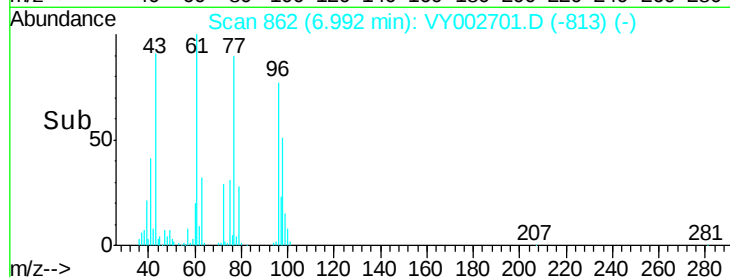
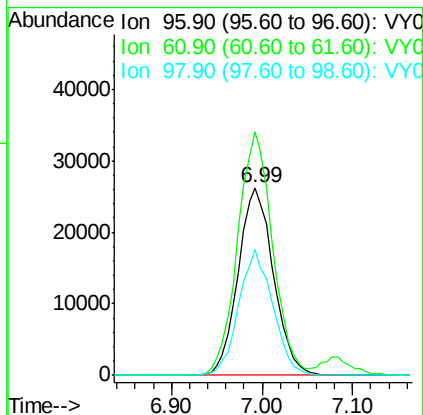
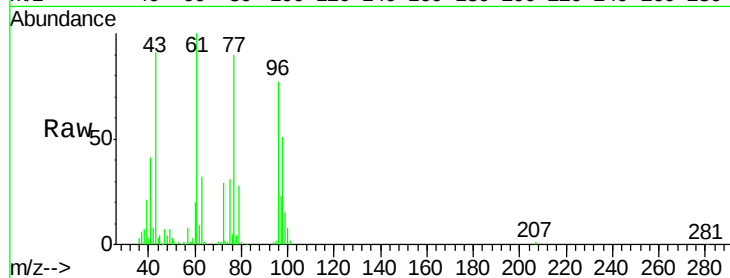


#27

cis-1,2-Dichloroethene
 Concen: 20.222 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

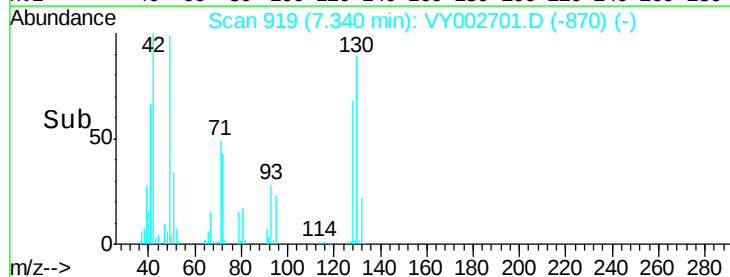
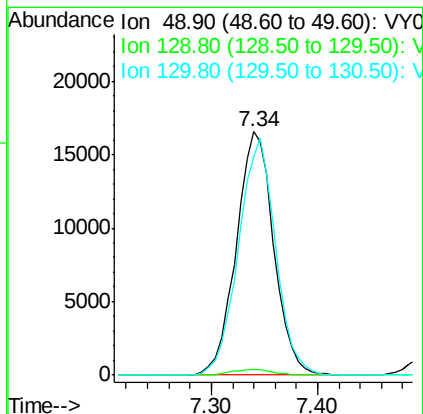
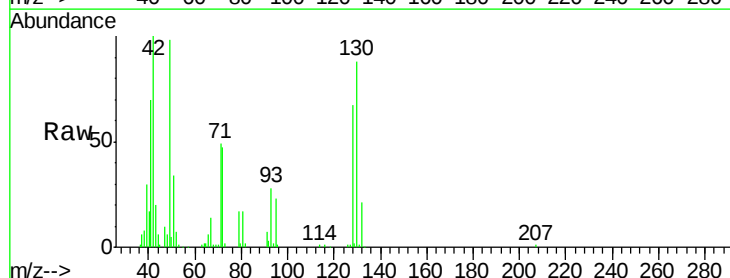
Tot Ion: 96 Resp: 71292
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 258.0
 98 64.5 0.0 128.4

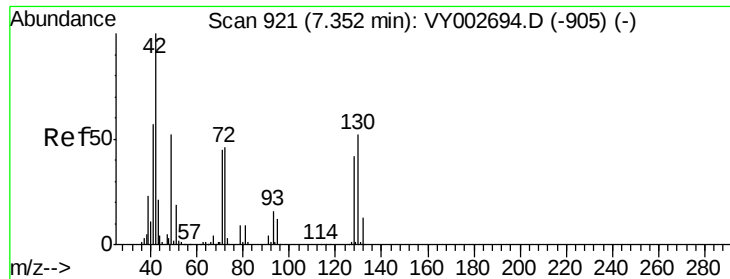


#28

Bromochloromethane
 Concen: 20.655 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Tgt Ion: 49 Resp: 40807
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 96.6 75.3 112.9

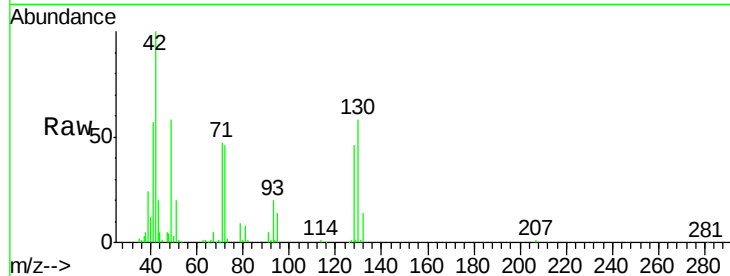




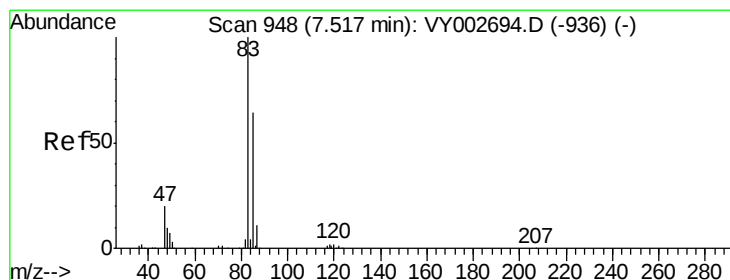
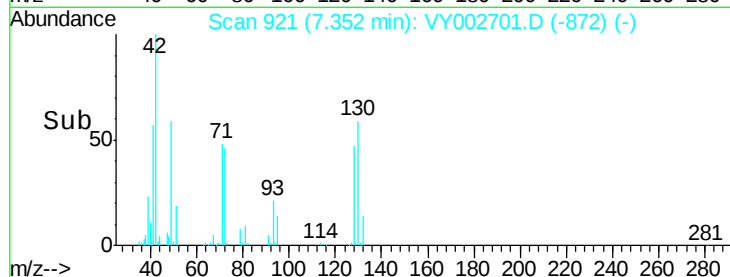
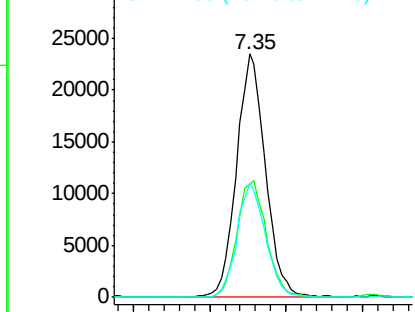
#29
Tetrahydrofuran
Concen: 101.272 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

Tot Ion: 42 Resp: 61496
Ion Ratio Lower Upper
42 100
72 48.8 38.2 57.2
71 46.2 35.8 53.8

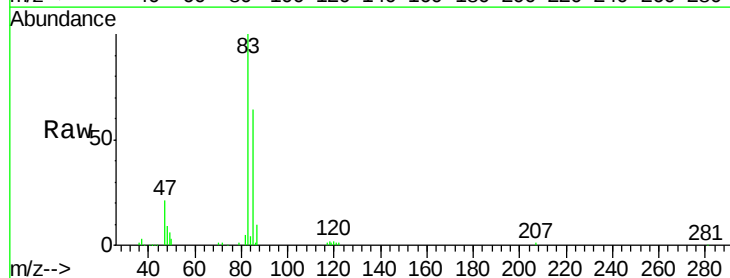


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

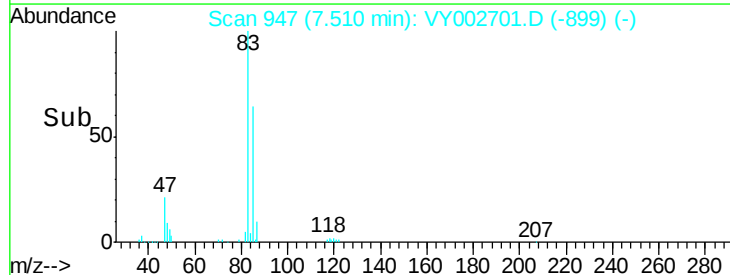
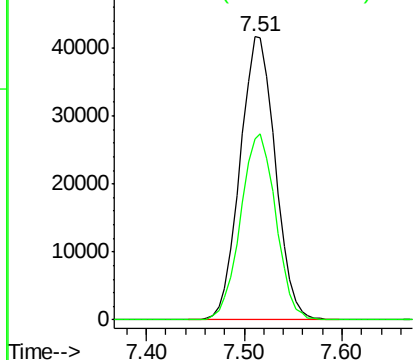


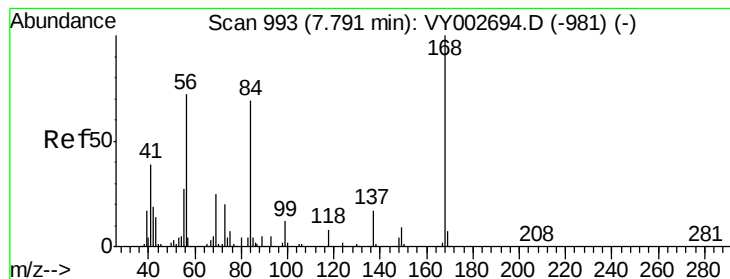
#30
Chloroform
Concen: 20.148 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion: 83 Resp: 104432
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.743 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

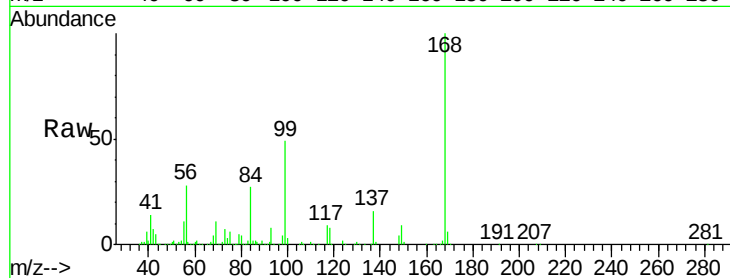
Tot Ion: 56 Resp: 100002

Ion Ratio Lower Upper

56 100

69 40.1 27.7 41.5

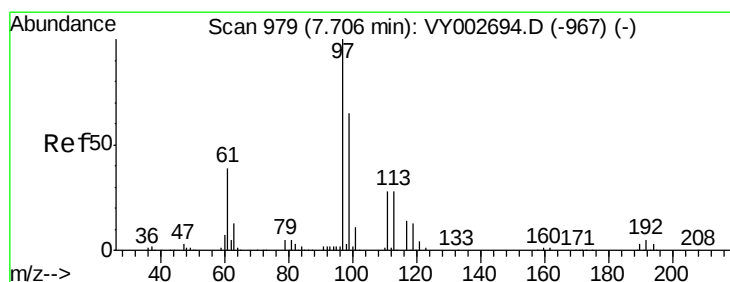
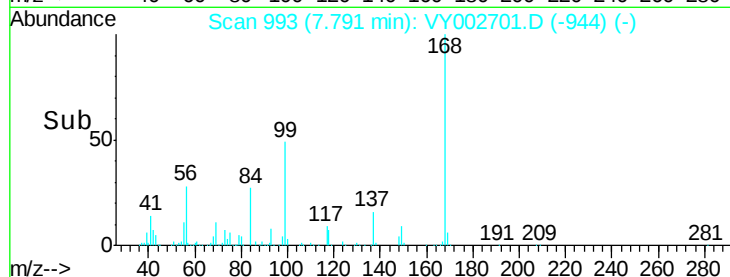
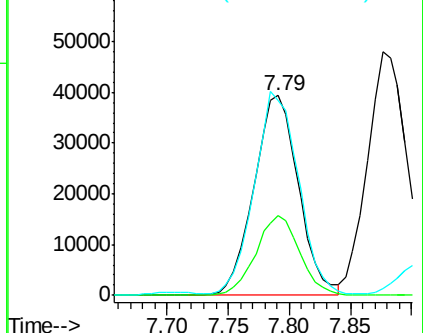
84 95.9 77.0 115.4



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: 20.534 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

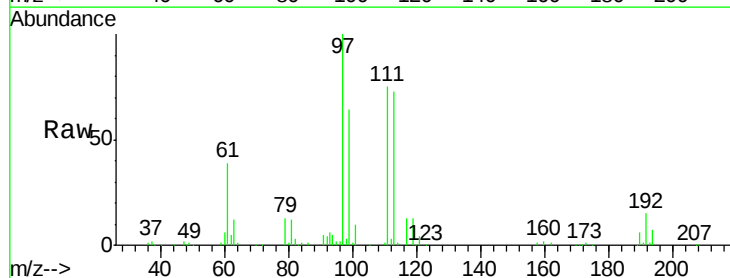
Tgt Ion: 97 Resp: 98342

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

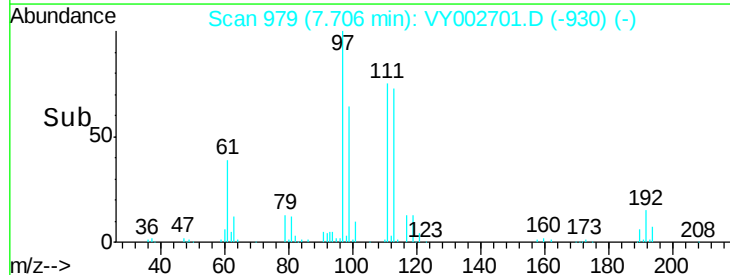
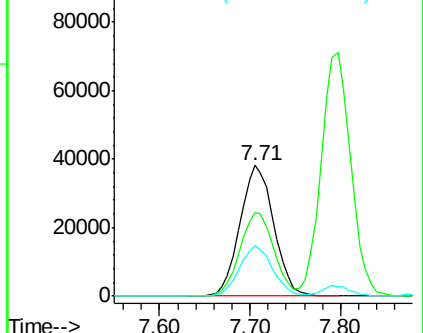
61 37.9 30.6 45.8

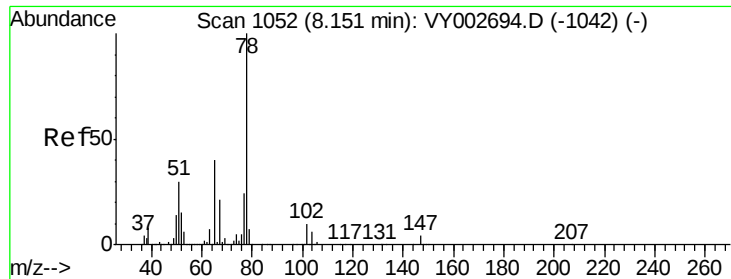


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

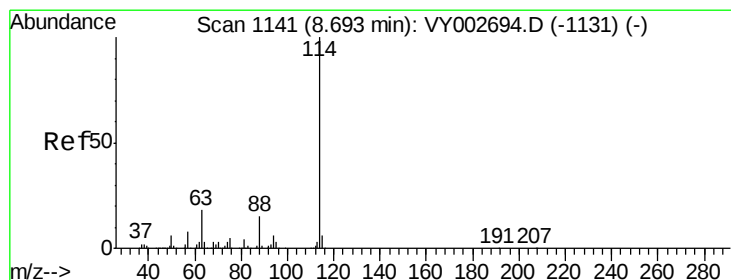
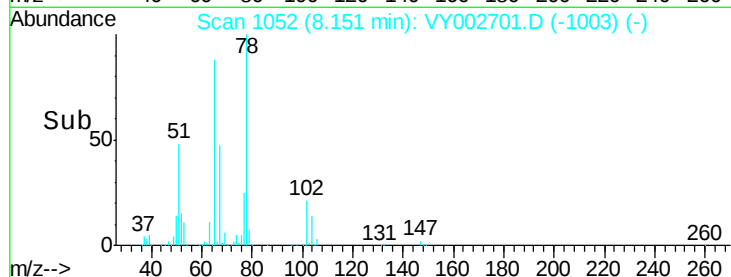
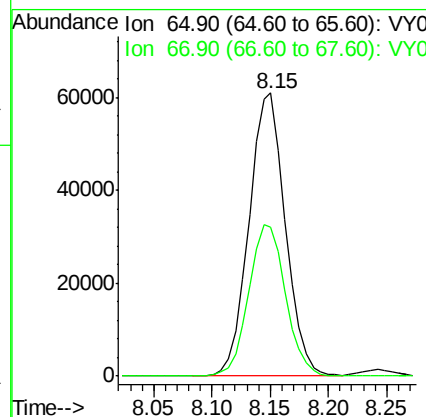
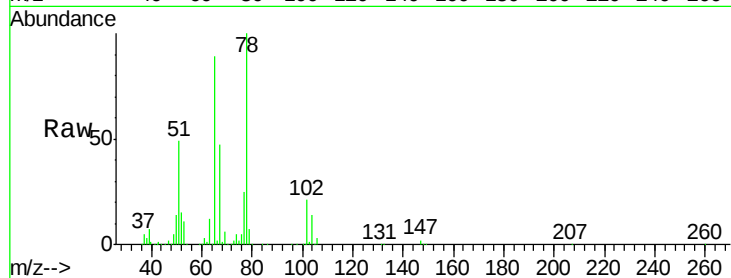




#33
 1,2-Dichloroethane-d4
 Concen: 50.862 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

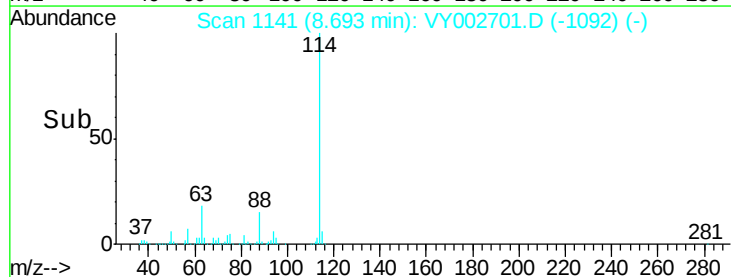
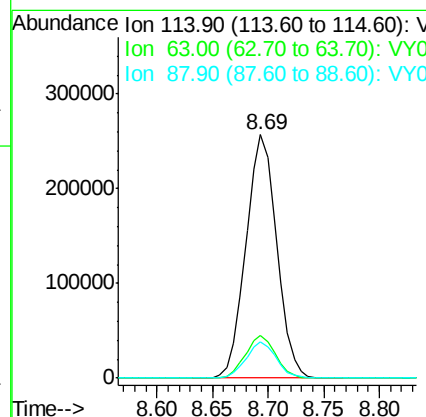
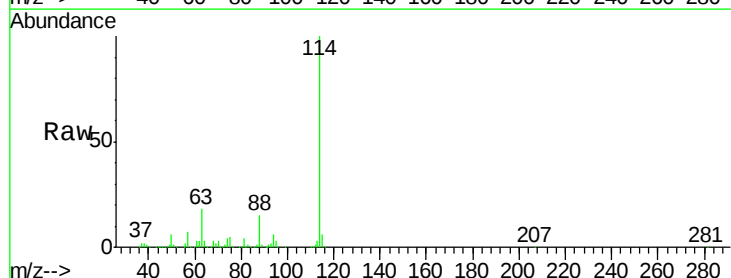
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

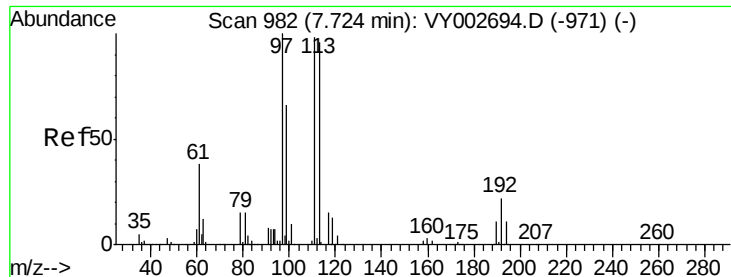
Tot Ion: 65 Resp: 133089
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Tgt Ion: 114 Resp: 494427
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.4
 88 14.9 0.0 29.4

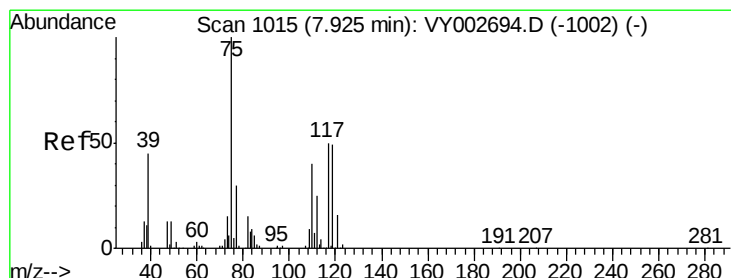
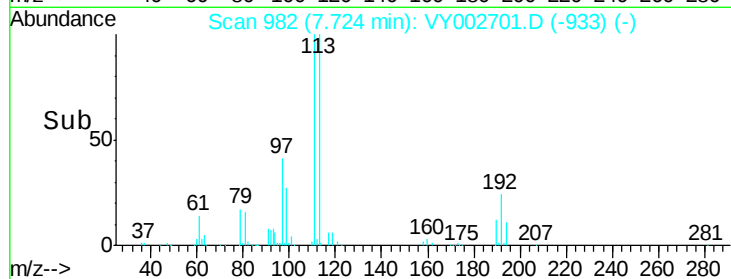
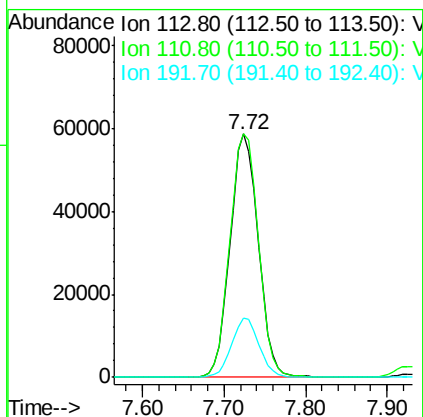
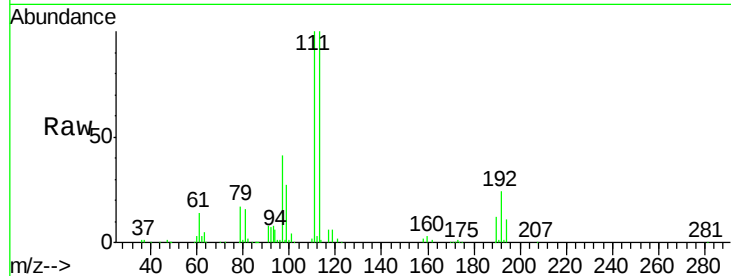




#35
 Dibromofluoromethane
 Concen: 51.104 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

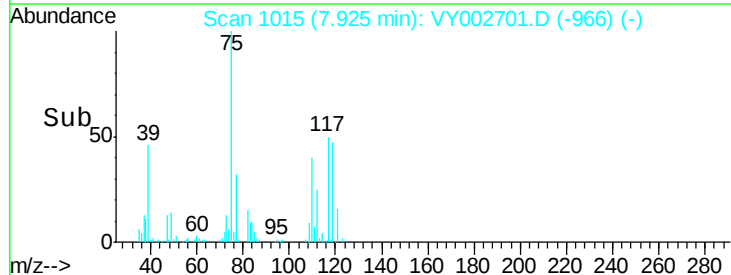
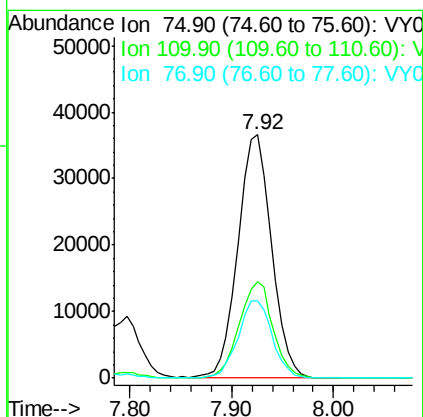
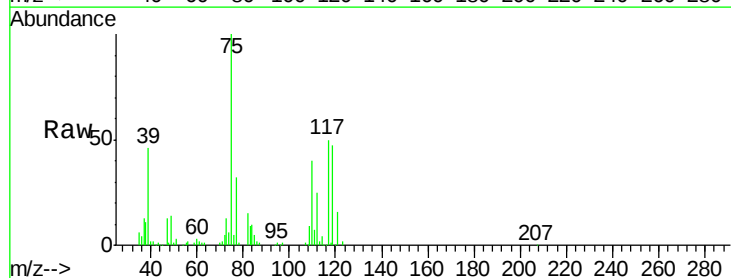
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

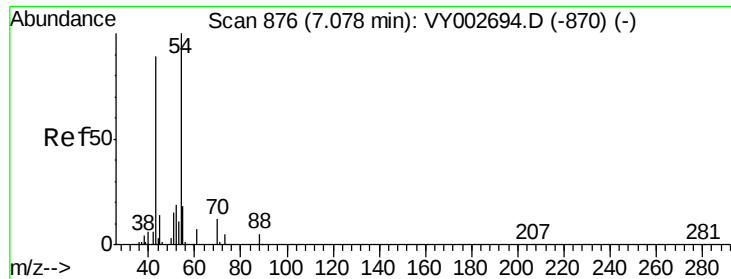
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	23.6	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 20.112 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.4	58.4
77	32.3	25.0	37.4

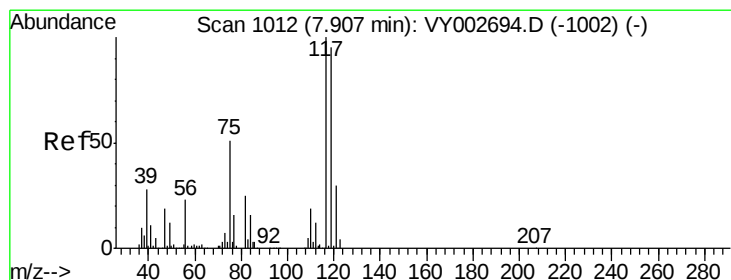
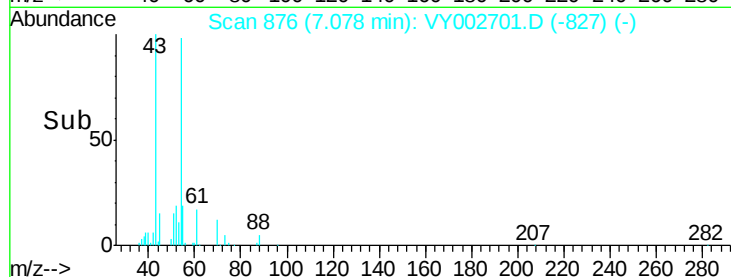
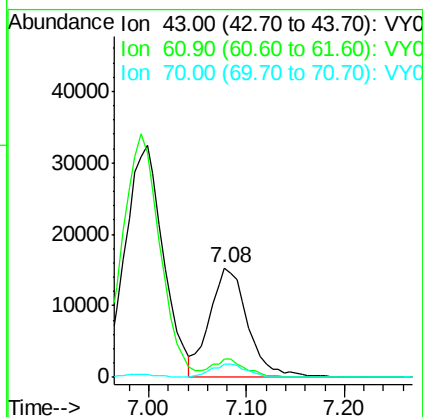
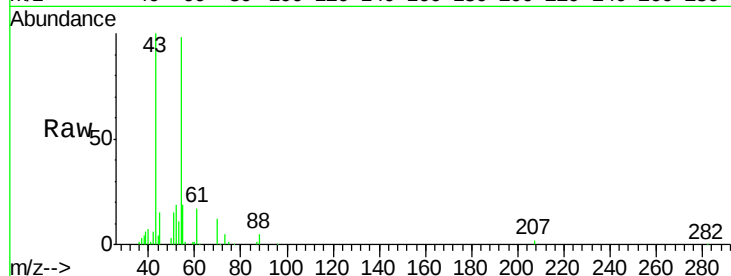




#37
Ethyl Acetate
Concen: 19.837 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

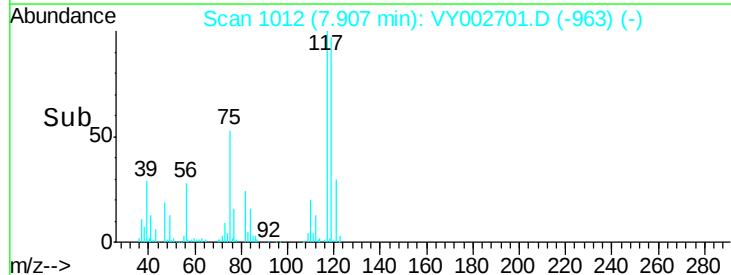
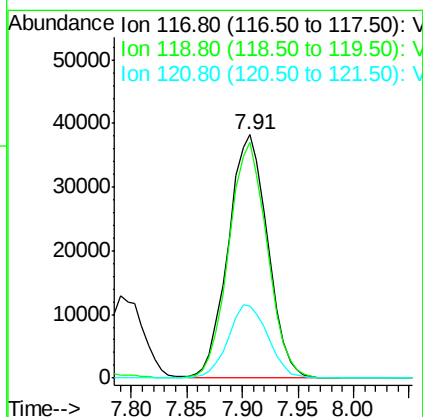
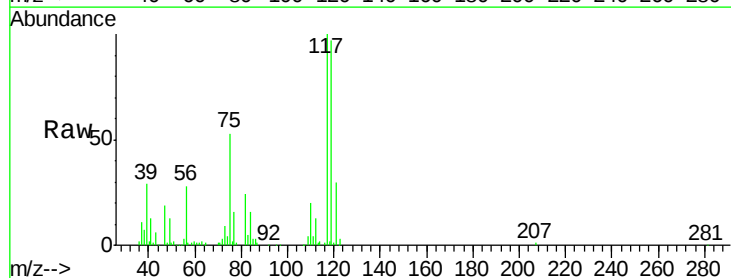
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

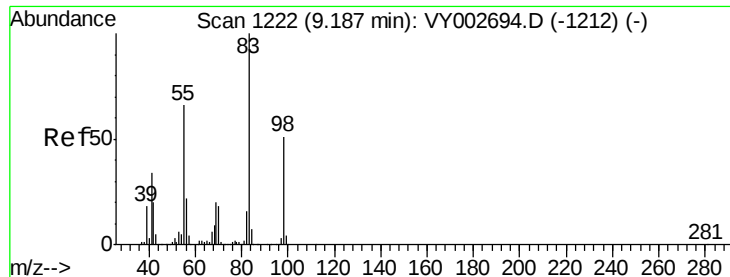
Tot Ion: 43 Resp: 40837
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 11.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.930 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion: 117 Resp: 94155
Ion Ratio Lower Upper
117 100
119 96.8 76.3 114.5
121 29.8 24.2 36.2

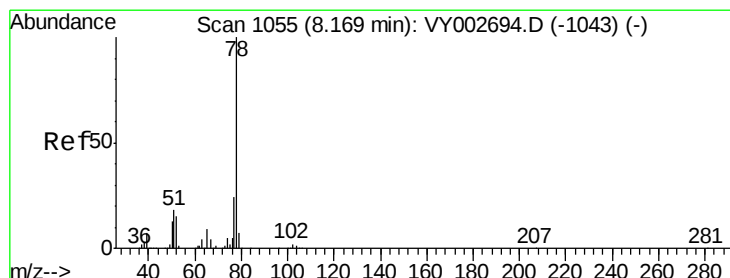
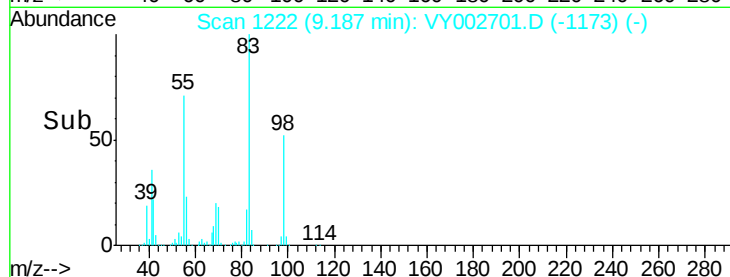
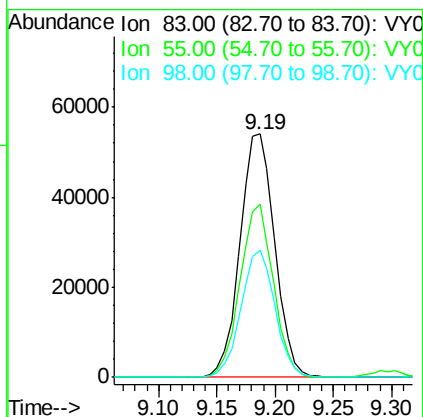
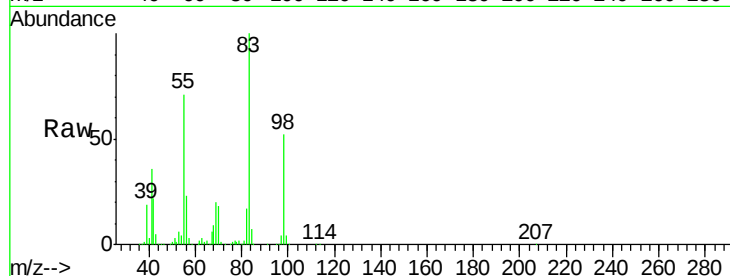




#39
Methvlcvclohexane
Concen: 20.020 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

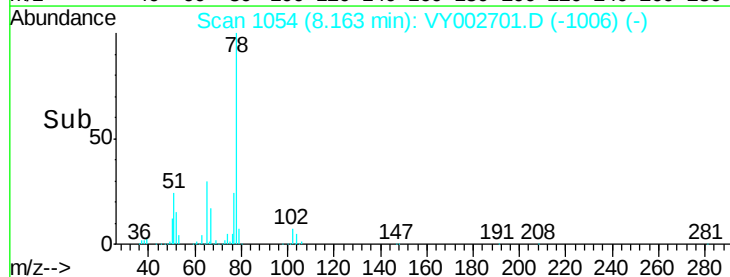
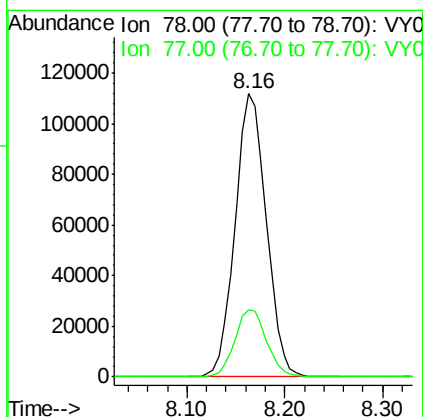
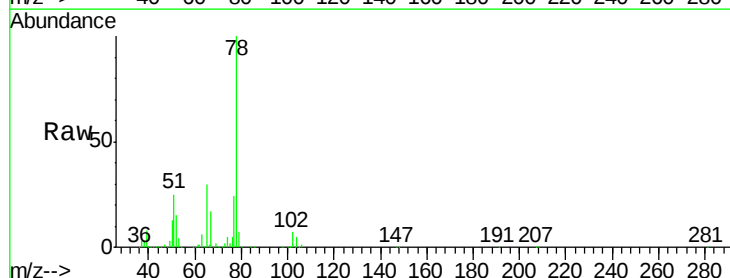
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

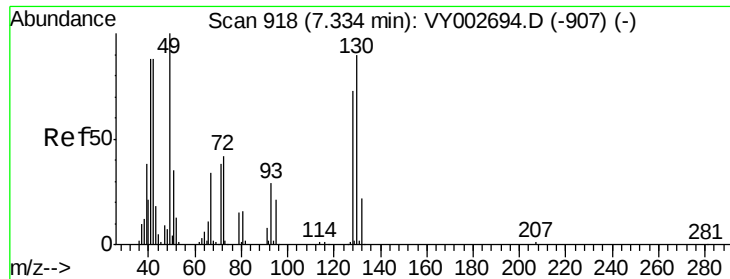
Tot Ion: 83 Resp: 112673
Ion Ratio Lower Upper
83 100
55 71.1 53.0 79.6
98 52.1 40.8 61.2



#40
Benzene
Concen: 20.266 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion: 78 Resp: 247502
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8

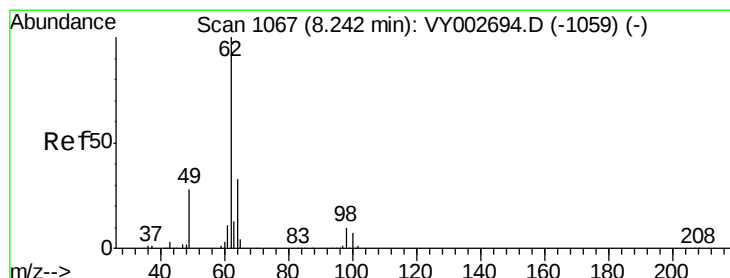
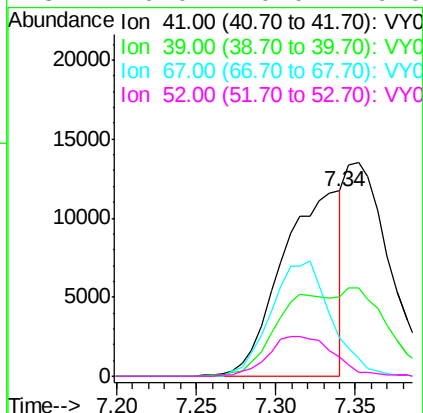
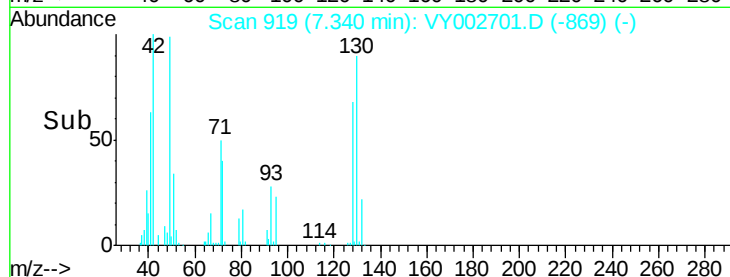
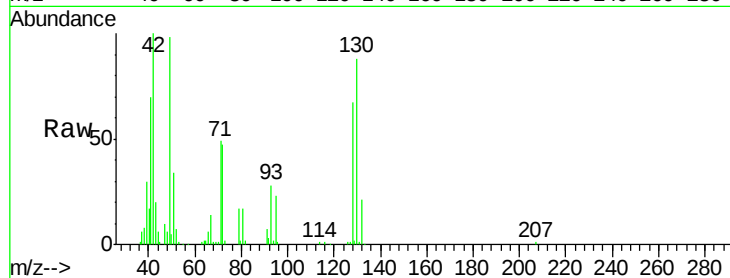




#41
Methacrylonitrile
Concen: 24.397 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. 0.01 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

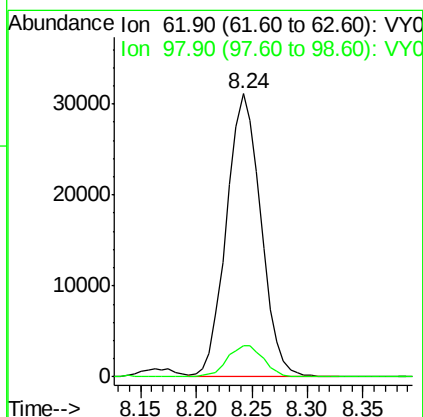
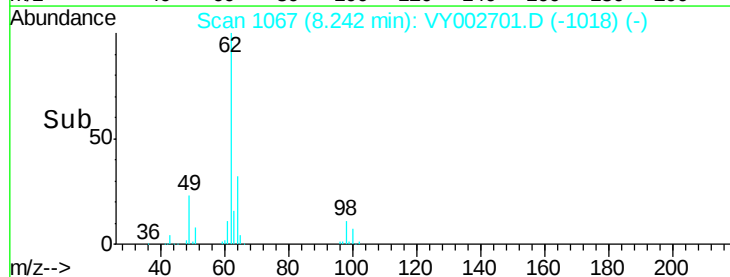
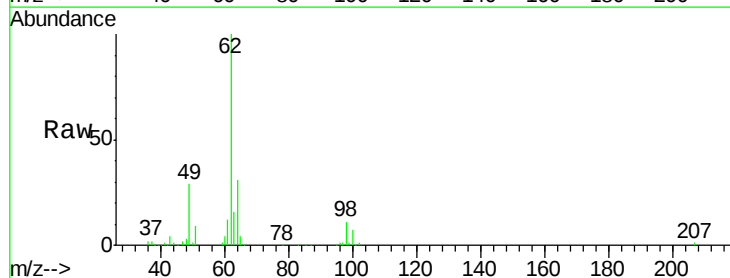
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

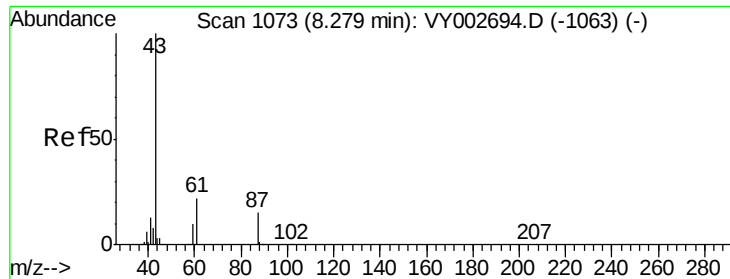
Tot Ion:	41	Resp:	30175
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.738 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion:	62	Resp:	66799
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	21.8





#43

Isopropyl Acetate

Concen: 20.122 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

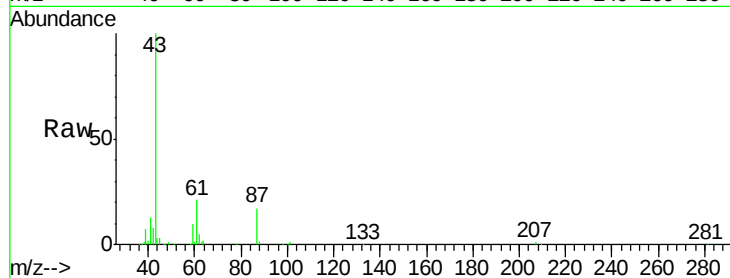
Tot Ion: 43 Resp: 76985

Ion Ratio Lower Upper

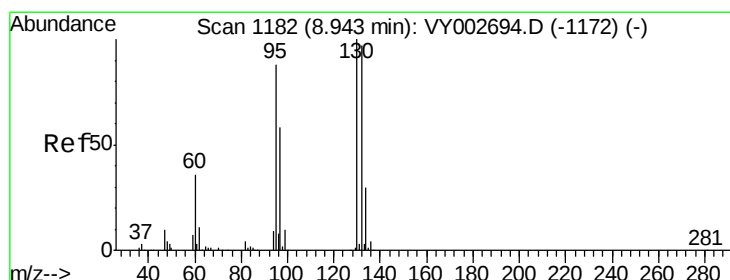
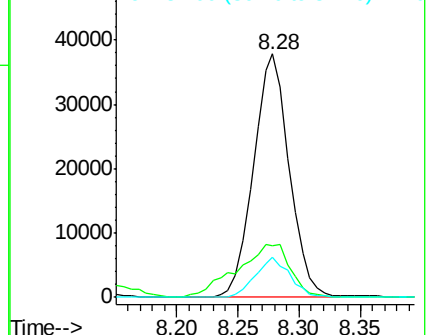
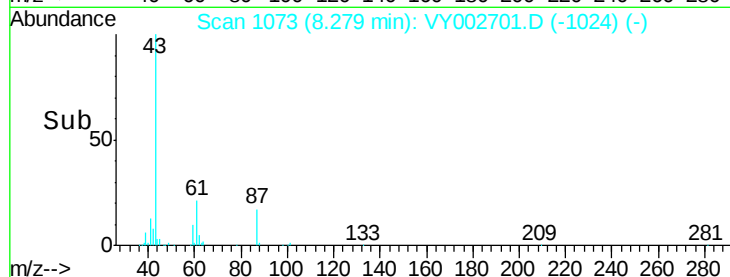
43 100

61 32.5 24.9 37.3

87 15.9 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY002701.D (-1024) (-)



#44

Trichloroethene

Concen: 20.327 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002701.D

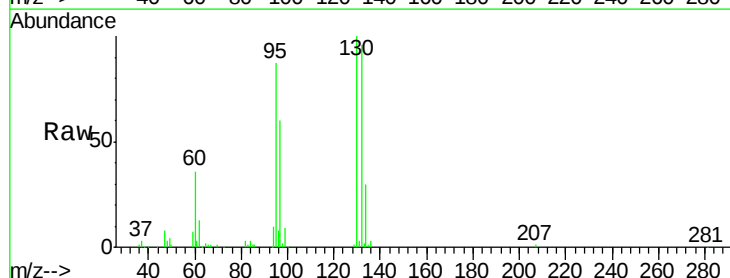
Acq: 18 May 2020 11:22

Tgt Ion: 130 Resp: 79129

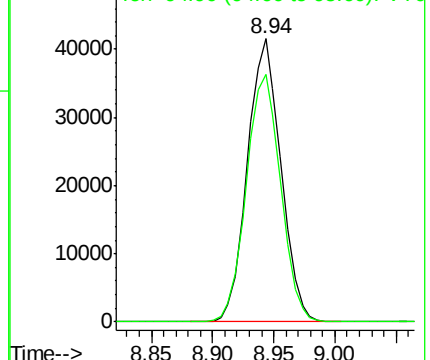
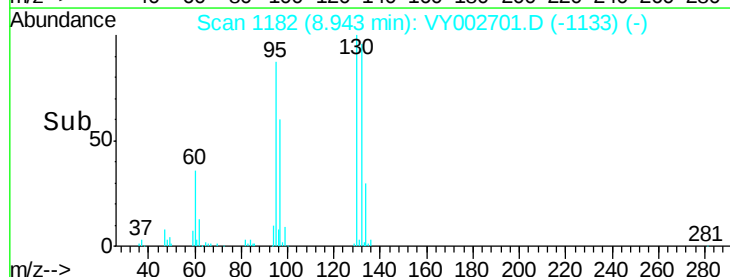
Ion Ratio Lower Upper

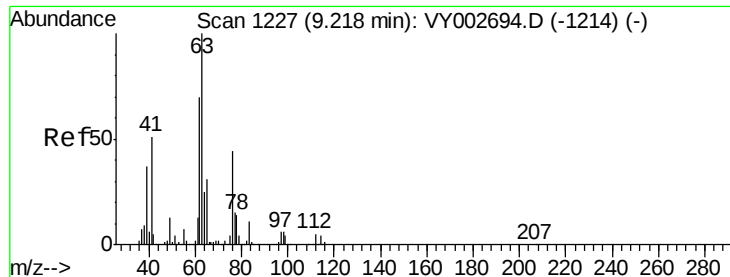
130 100

95 87.4 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002701.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 19.890 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

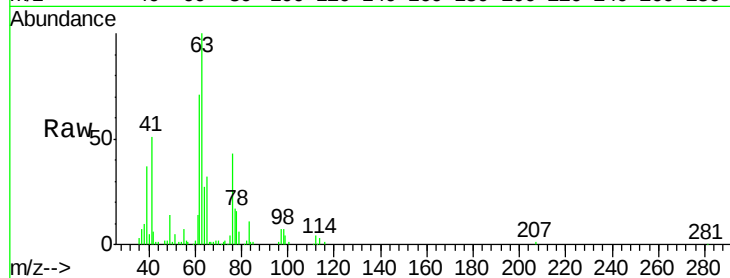
VY0518SBS01

Tot Ion: 63 Resp: 57652

Ion Ratio Lower Upper

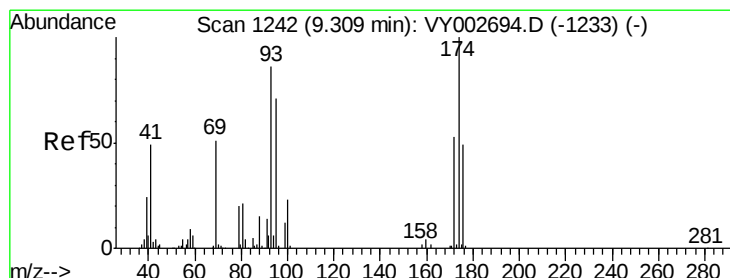
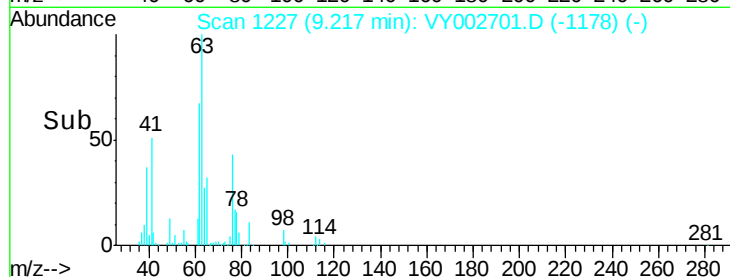
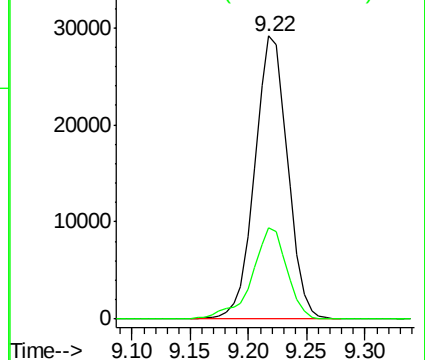
63 100

65 32.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.570 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

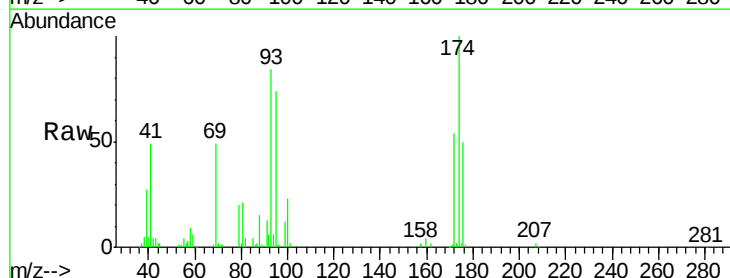
Tgt Ion: 93 Resp: 33497

Ion Ratio Lower Upper

93 100

95 84.4 66.5 99.7

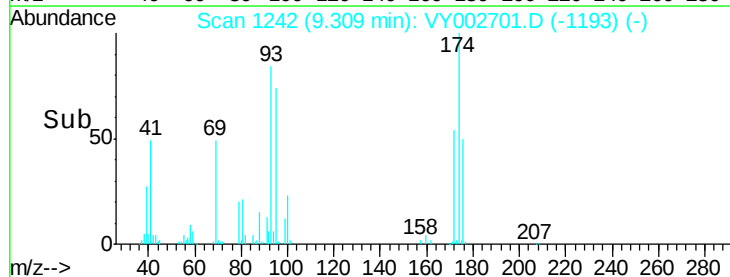
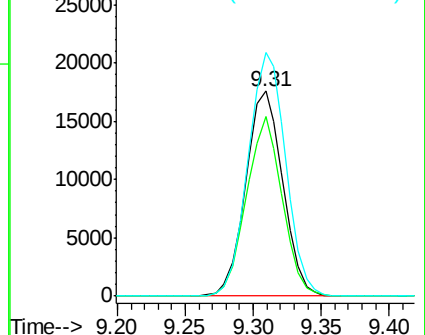
174 120.7 95.6 143.4

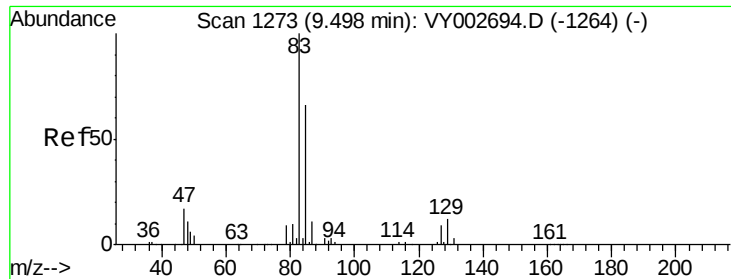


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.510 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

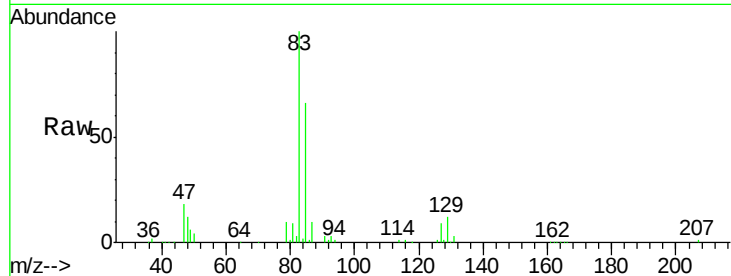
Tot Ion: 83 Resp: 81515

Ion Ratio Lower Upper

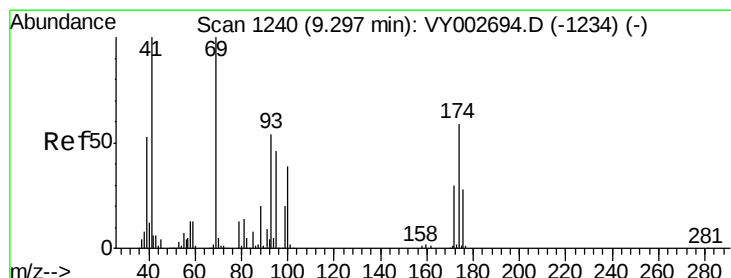
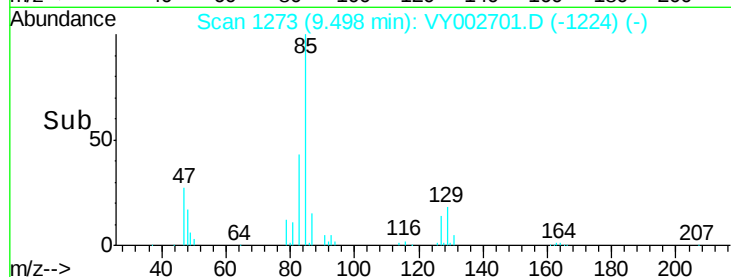
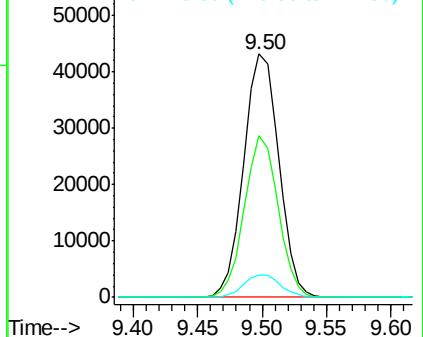
83 100

85 66.2 52.4 78.6

127 9.0 7.6 11.4



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: 20.065 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

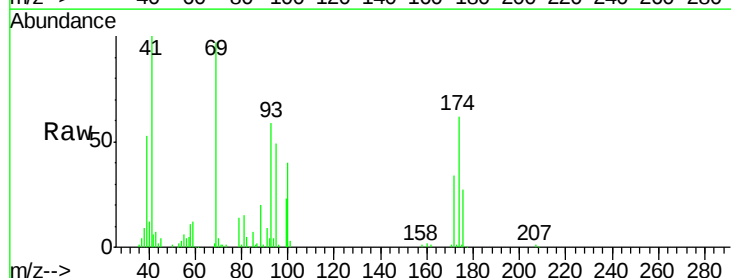
Tgt Ion: 41 Resp: 35346

Ion Ratio Lower Upper

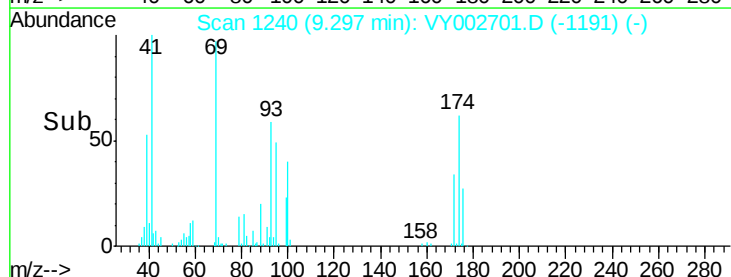
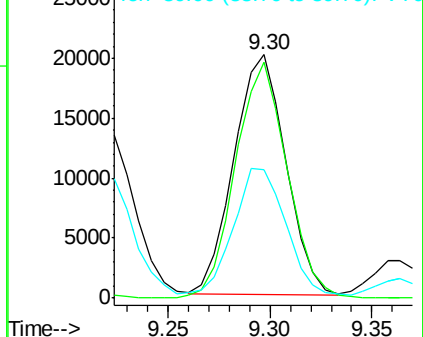
41 100

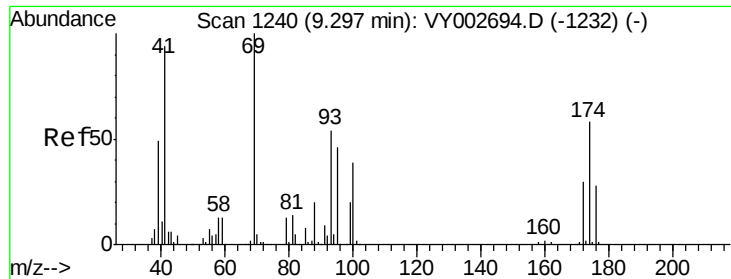
69 97.8 78.7 118.1

39 56.3 42.9 64.3



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

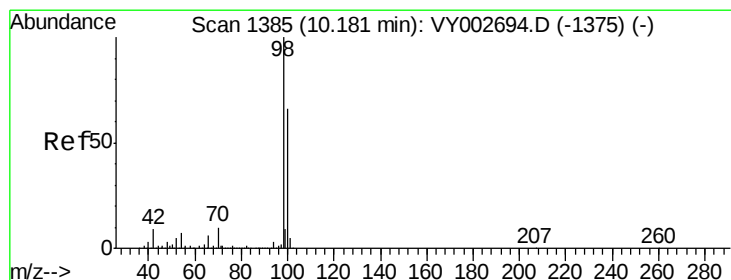
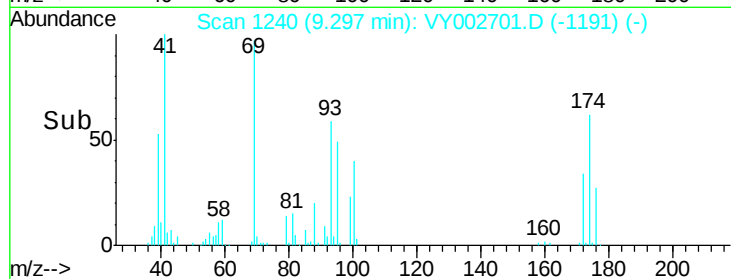
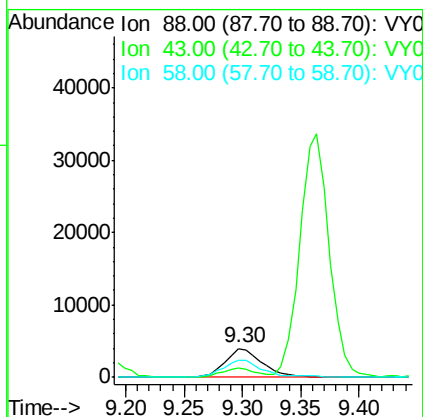
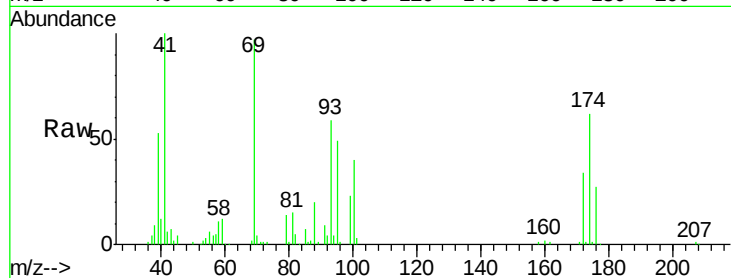




#49
1,4-Dioxane
Concen: 404.844 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

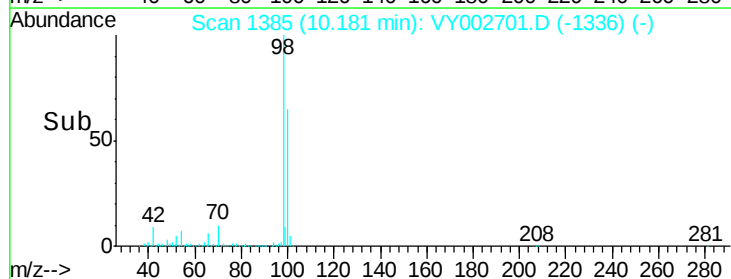
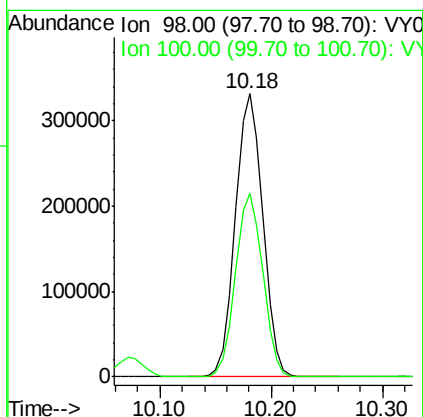
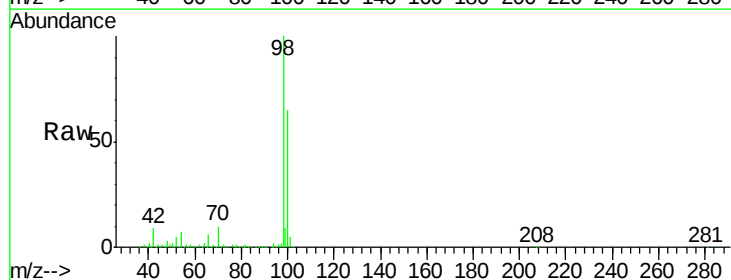
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

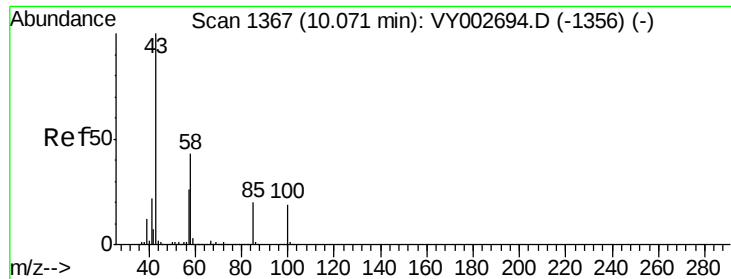
Tot Ion: 88 Resp: 8979
Ion Ratio Lower Upper
88 100
43 28.1 23.4 35.0
58 61.3 54.5 81.7



#50
Toluene-d8
Concen: 51.479 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion: 98 Resp: 565527
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 103.260 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

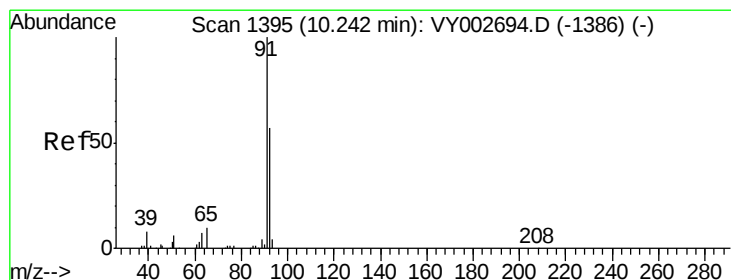
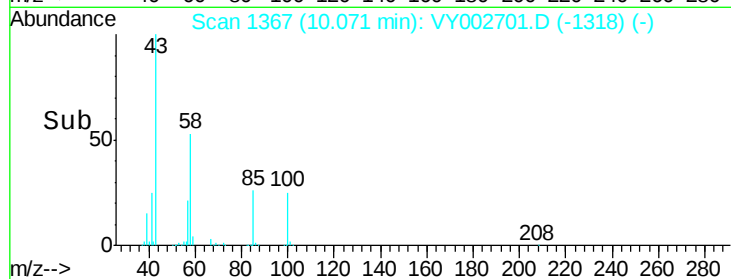
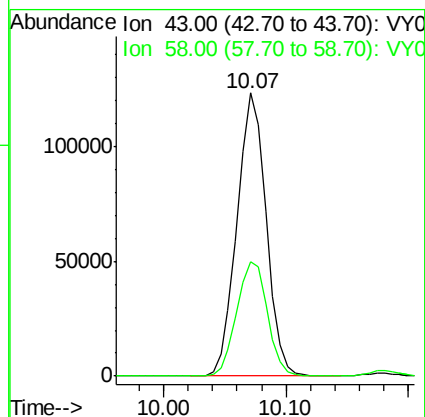
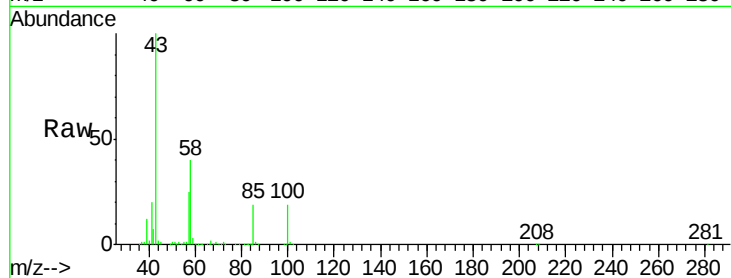
VY0518SBS01

Tot Ion: 43 Resp: 203969

Ion Ratio Lower Upper

43 100

58 42.3 34.1 51.1



#52

Toluene

Concen: 20.491 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002701.D

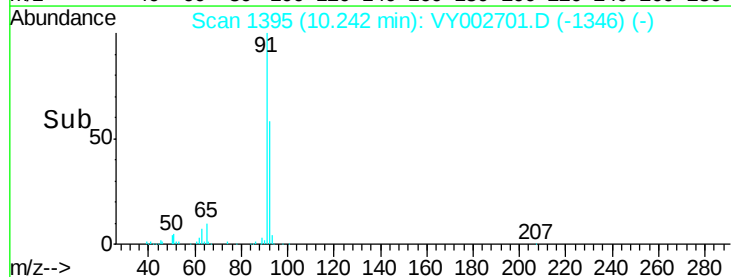
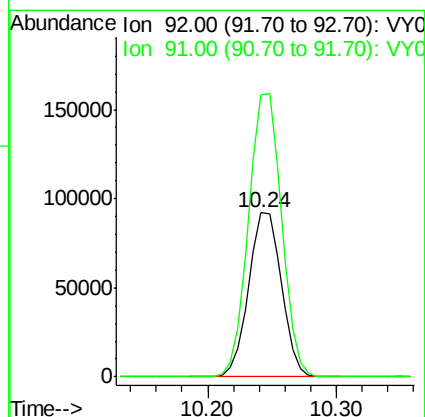
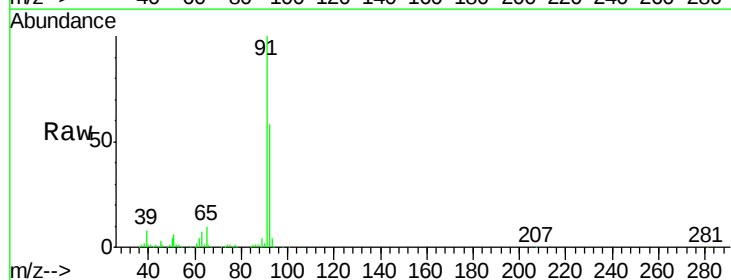
Acq: 18 May 2020 11:22

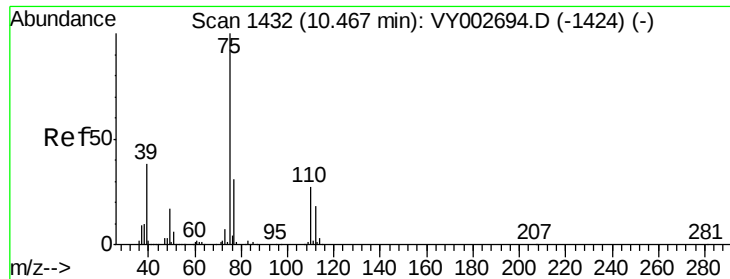
Tgt Ion: 92 Resp: 161950

Ion Ratio Lower Upper

92 100

91 173.2 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 20.510 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

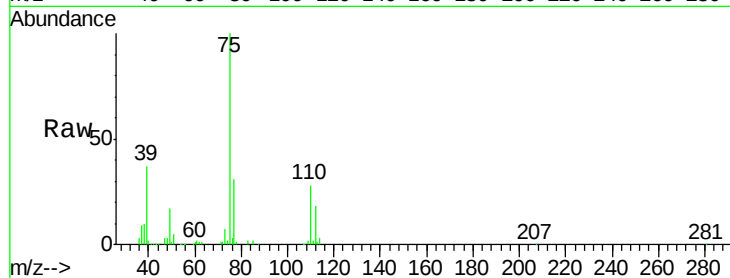
VY0518SBS01

Tot Ion: 75 Resp: 87004

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

60000

50000

40000

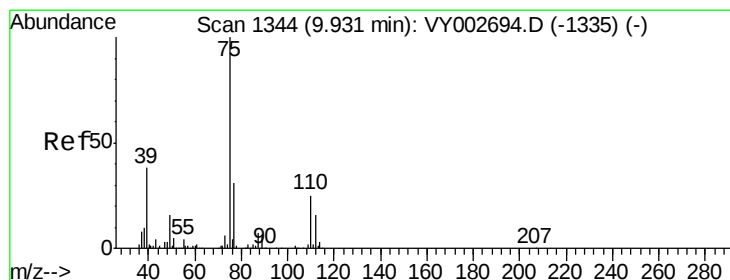
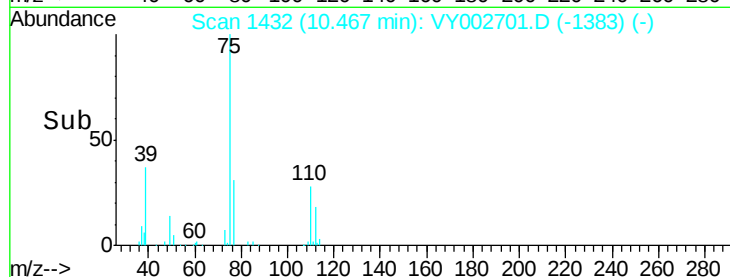
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.512 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

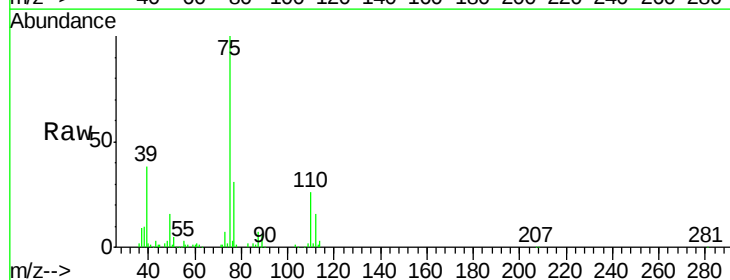
Tgt Ion: 75 Resp: 100869

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 38.3 30.7 46.1



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

9.93

80000

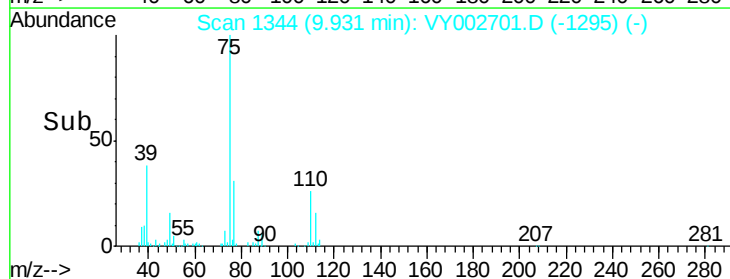
60000

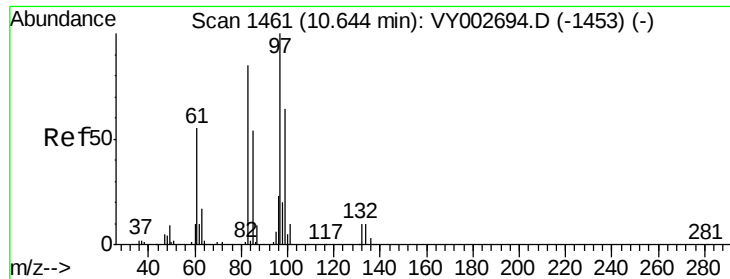
40000

20000

0

Time-->

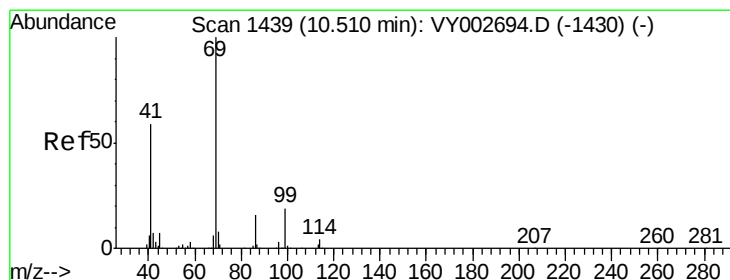
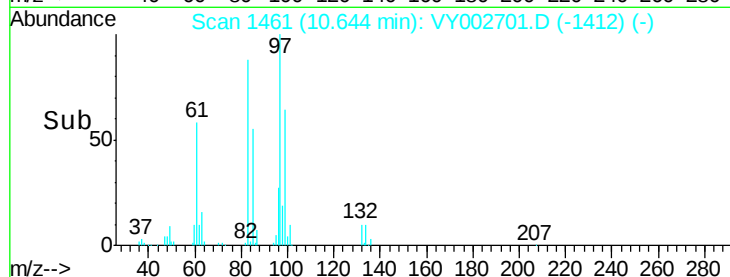
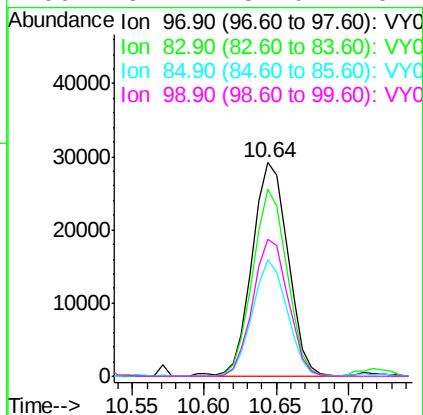
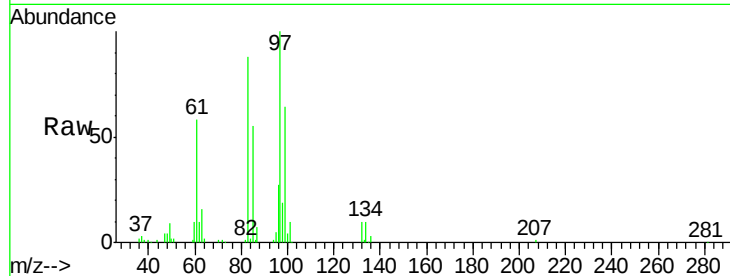




#55
 1,1,2-Trichloroethane
 Concen: 20.758 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

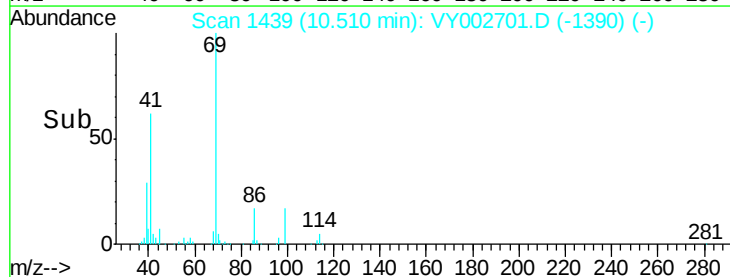
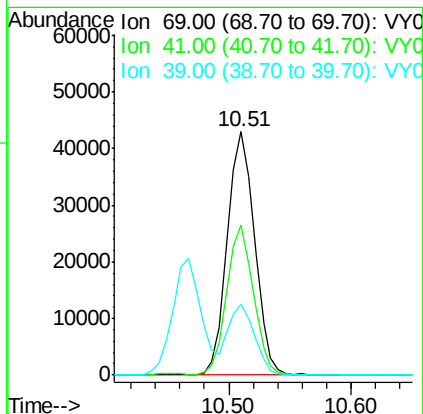
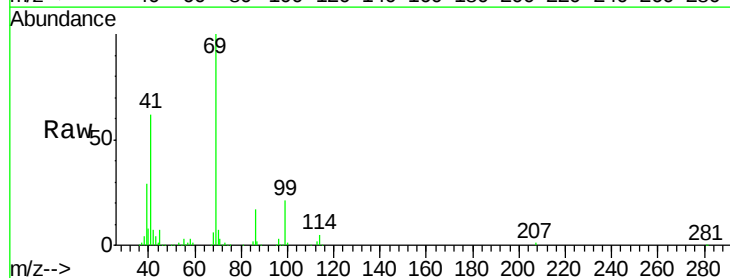
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

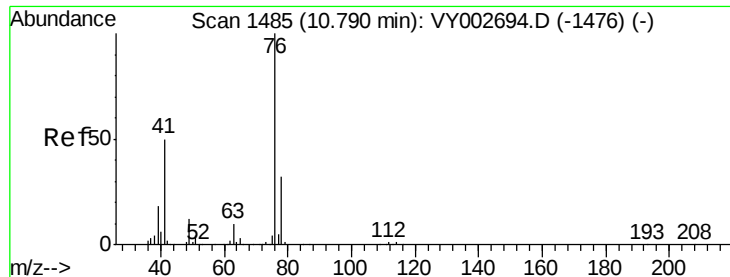
Tot Ion:	97	Resp:	50325
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.1	102.1
85	54.5	43.1	64.7
99	64.4	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 20.593 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Tgt Ion:	69	Resp:	66466
Ion	Ratio	Lower	Upper
69	100		
41	60.2	48.0	72.0
39	28.1	22.1	33.1





#57

1,3-Dichloropropane

Concen: 20.739 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

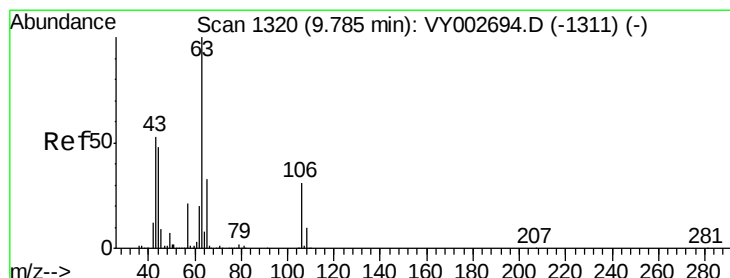
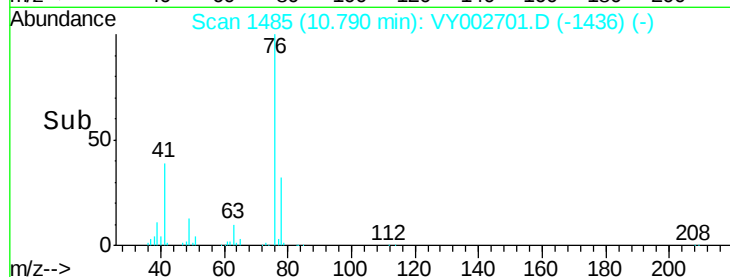
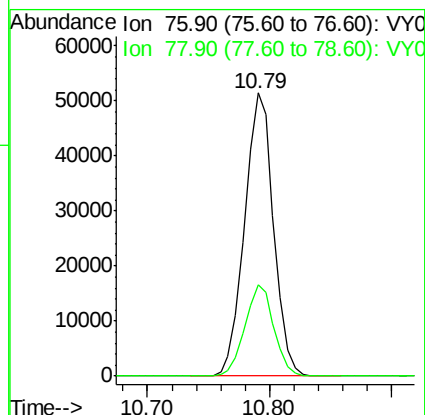
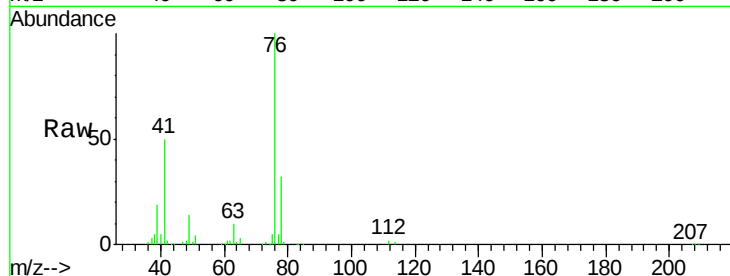
VY0518SBS01

Tot Ion: 76 Resp: 84259

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.419 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002701.D

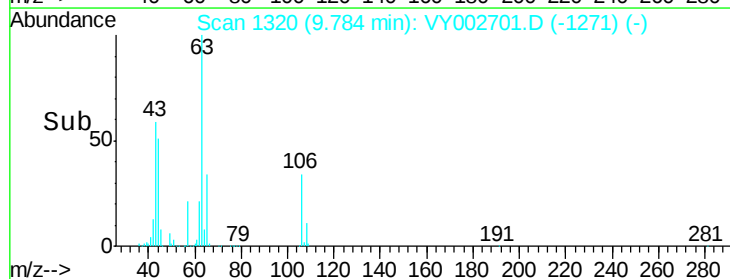
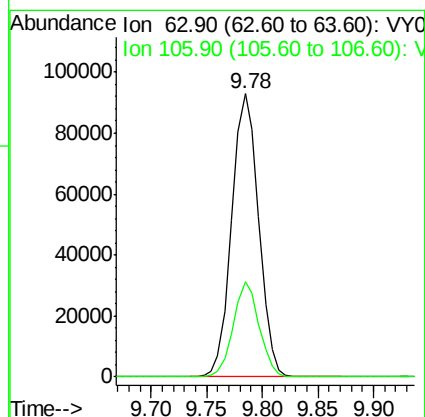
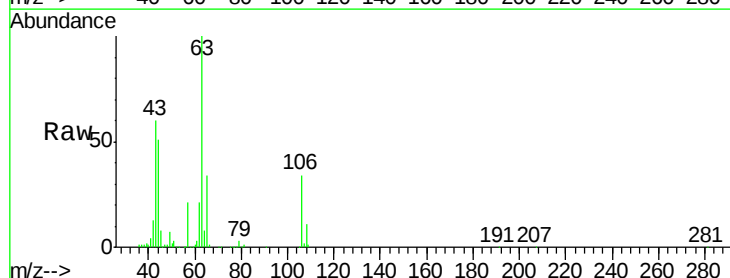
Acq: 18 May 2020 11:22

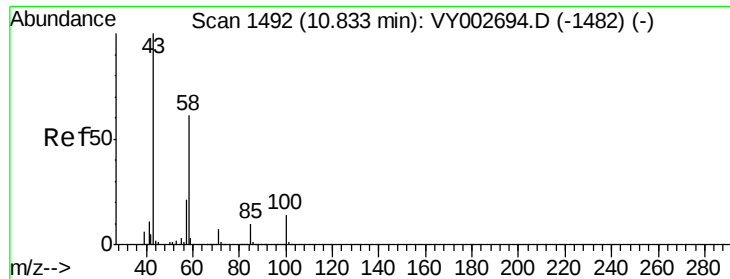
Tgt Ion: 63 Resp: 155223

Ion Ratio Lower Upper

63 100

106 32.2 25.1 37.7

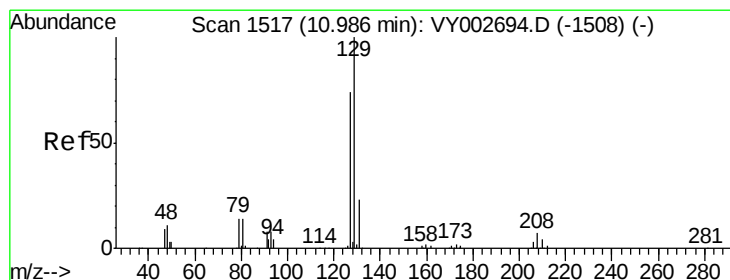
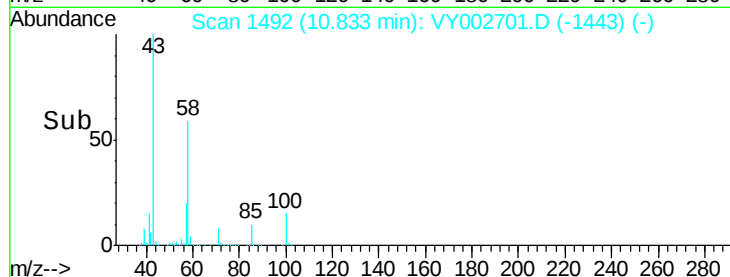
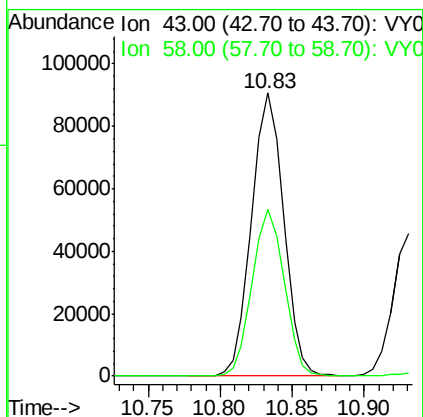
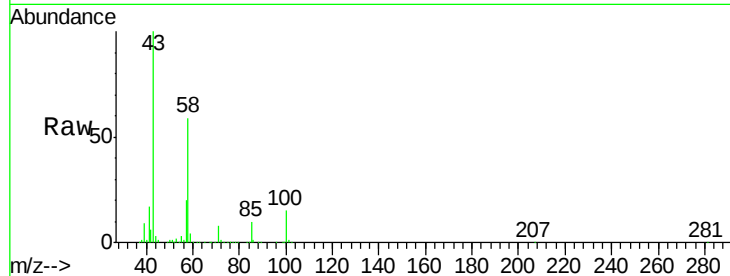




#59
2-Hexanone
Concen: 101.962 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

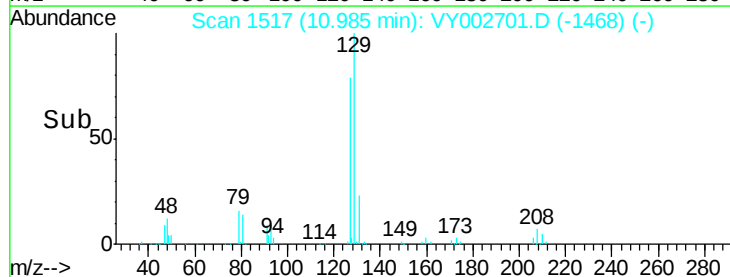
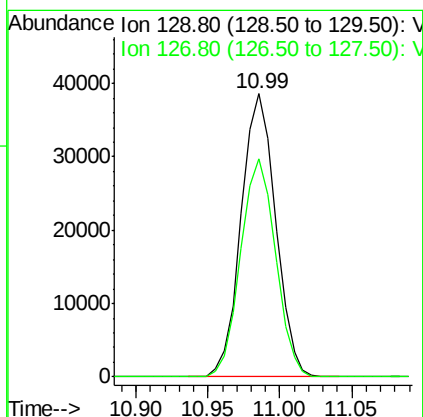
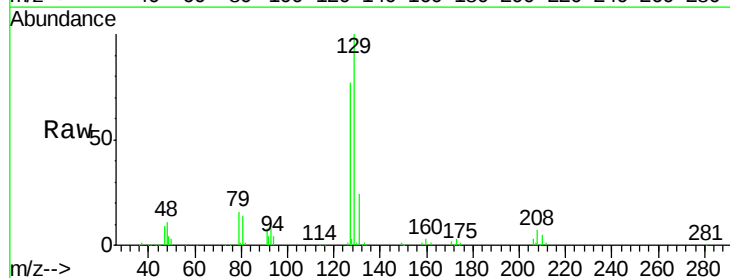
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

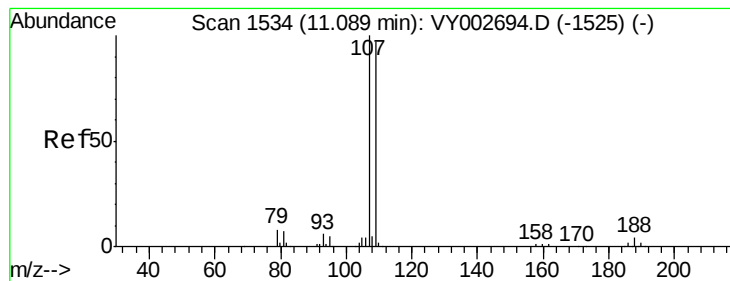
Tot Ion: 43 Resp: 140319
Ion Ratio Lower Upper
43 100
58 58.9 29.8 89.4



#60
Dibromochloromethane
Concen: 20.688 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion: 129 Resp: 64075
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.533 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

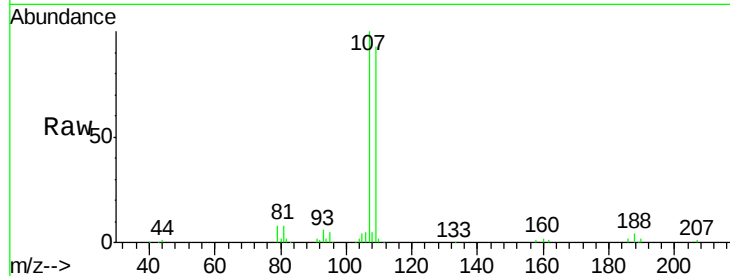
VY0518SBS01

Tot Ion:107 Resp: 49045

Ion Ratio Lower Upper

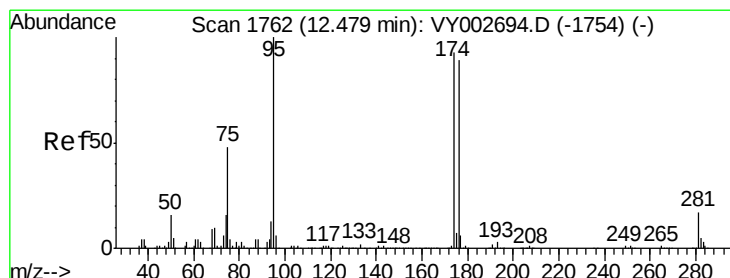
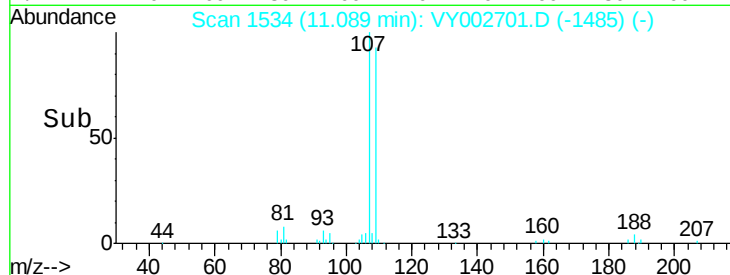
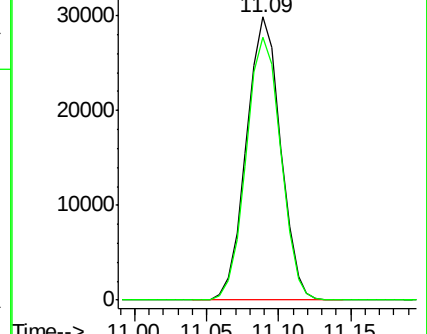
107 100

109 94.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.968 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

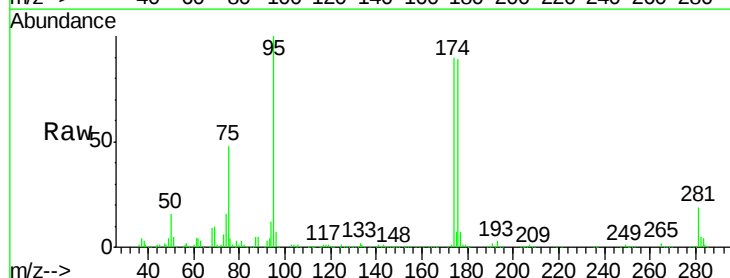
Tgt Ion: 95 Resp: 192447

Ion Ratio Lower Upper

95 100

174 95.7 0.0 191.4

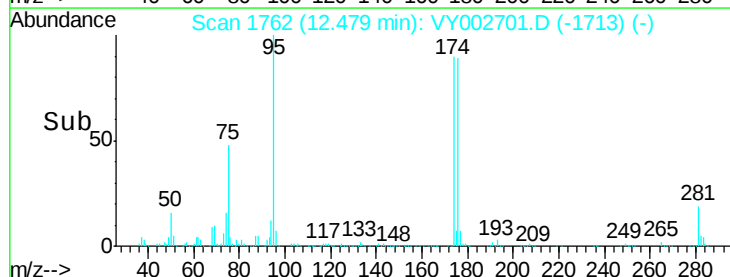
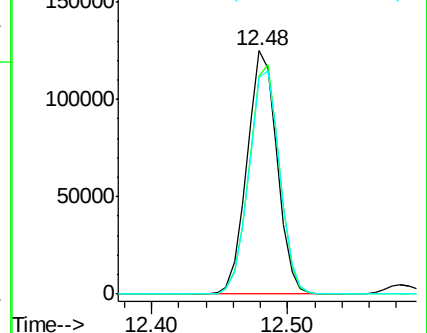
176 94.5 0.0 186.0

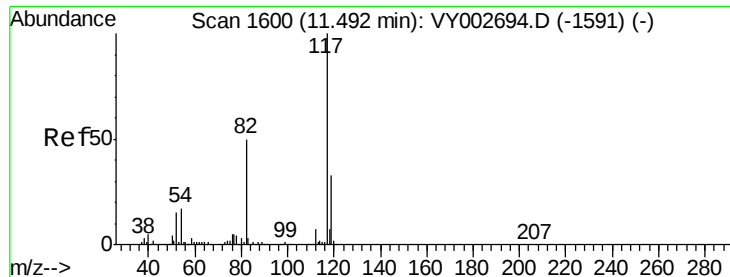


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

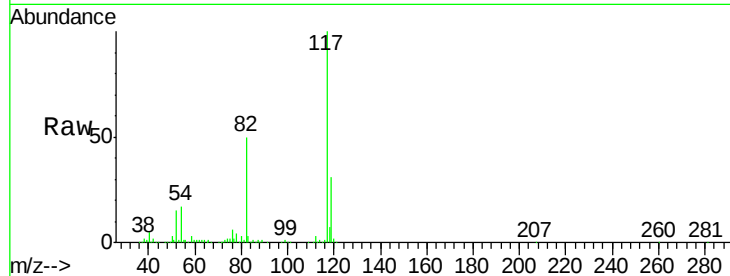




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	40.3	60.5
119	31.5	26.2	39.4

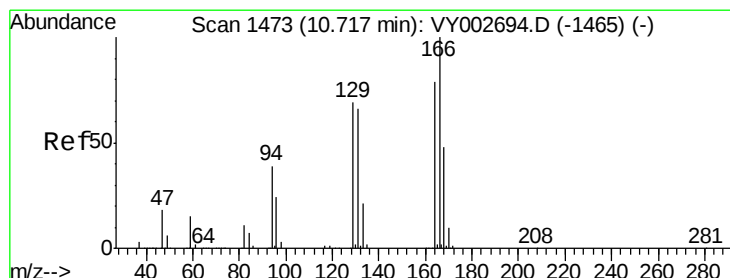
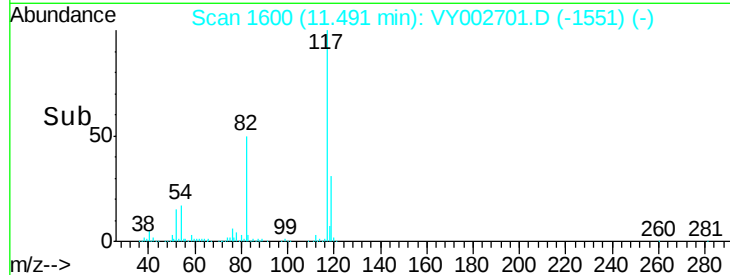
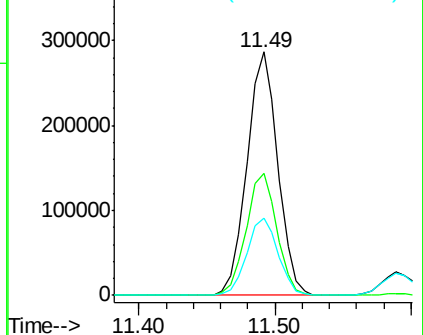


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.922 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	101.6	152.4
129	89.4	70.2	105.4
131	88.1	67.4	101.0

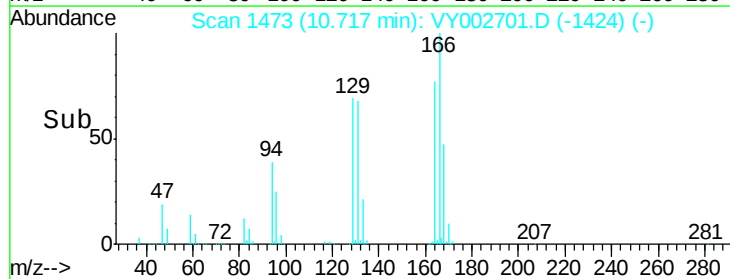
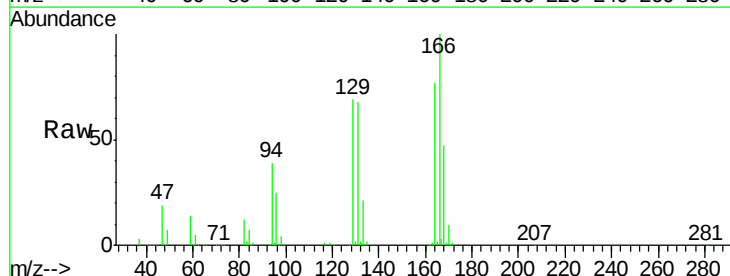
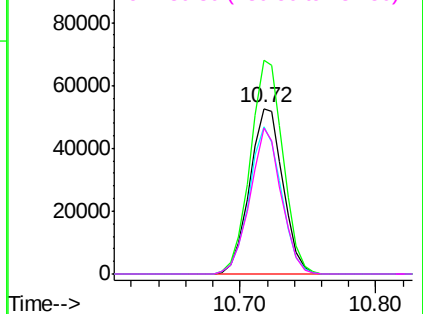
Abundance

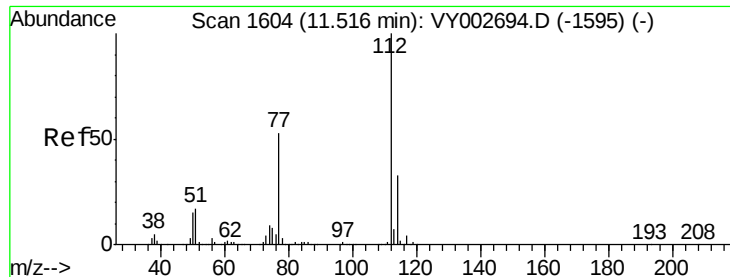
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

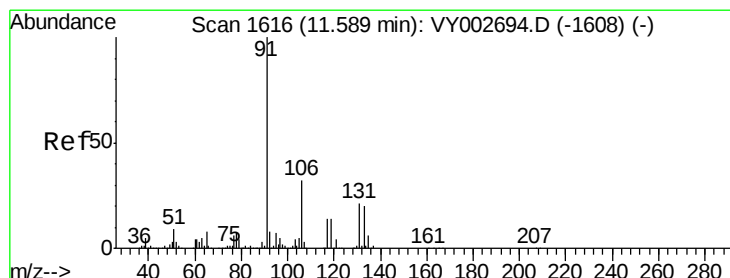
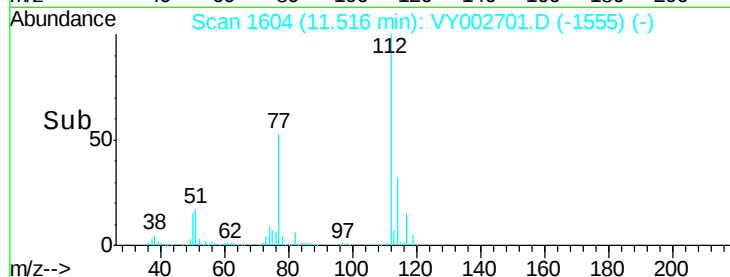
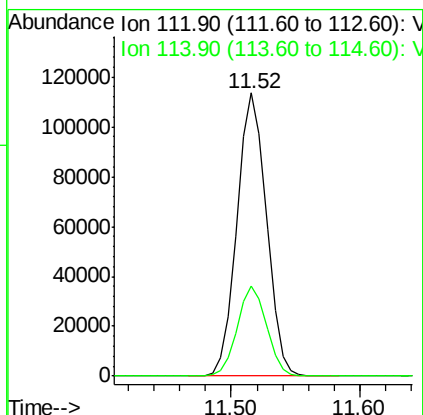
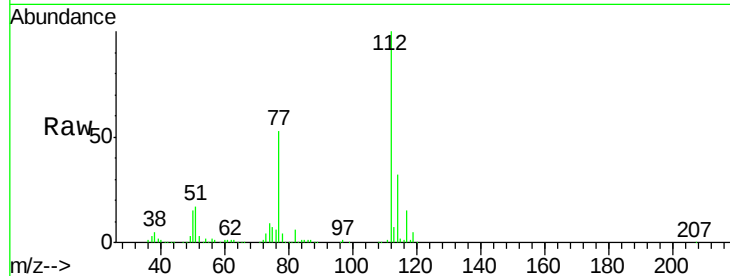




#65
Chlorobenzene
Concen: 20.569 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

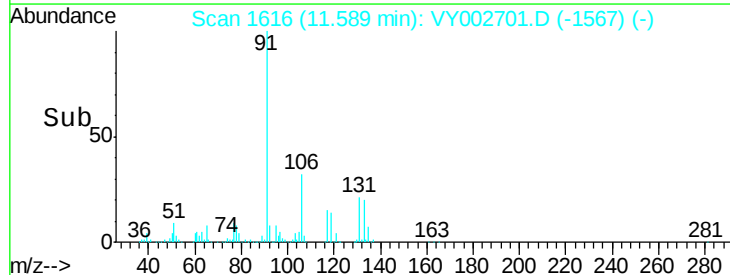
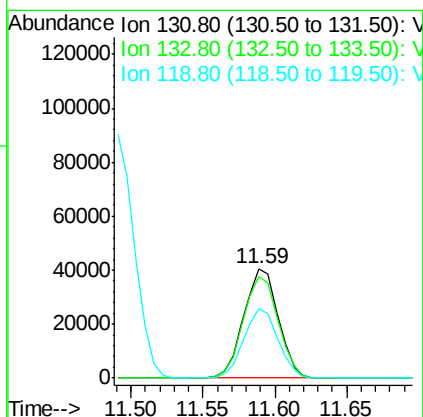
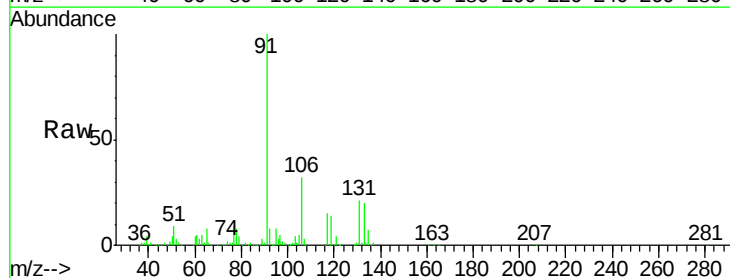
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

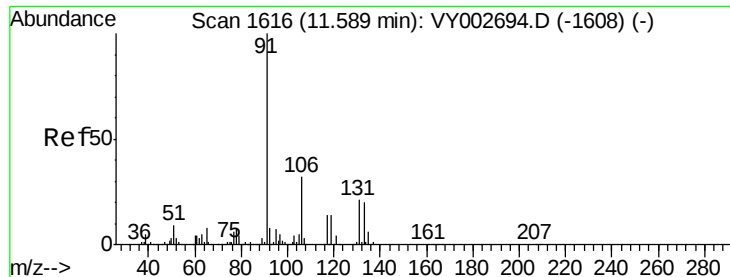
Tot Ion:112 Resp: 180163
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.589 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion:131 Resp: 66929
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.3
119 62.9 31.6 94.8

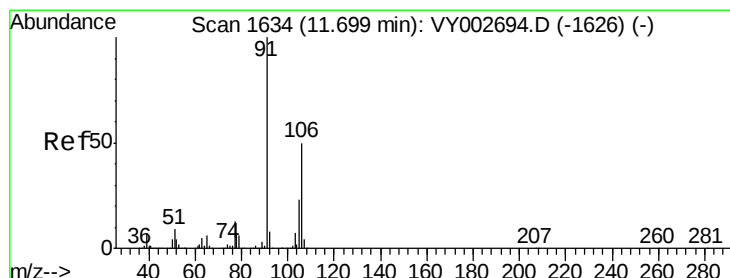
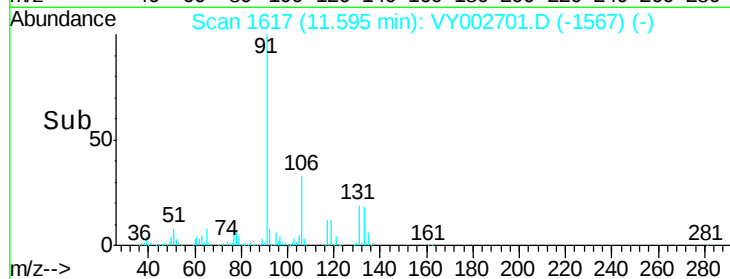
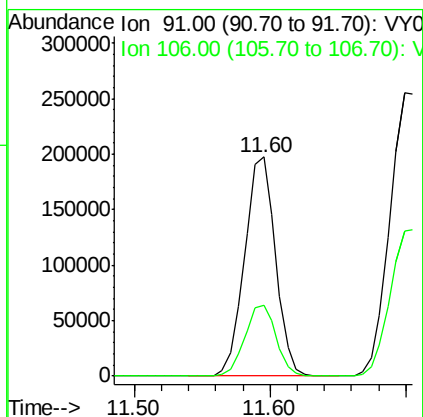
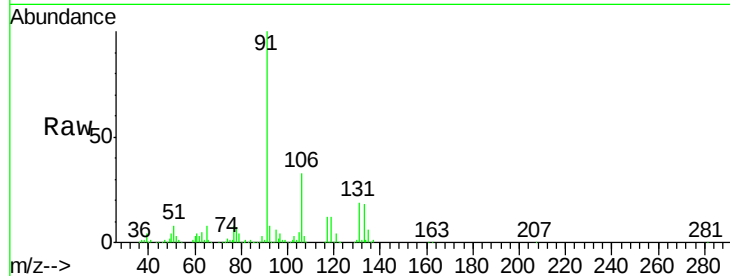




#67
Ethyl Benzene
Concen: 20.434 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

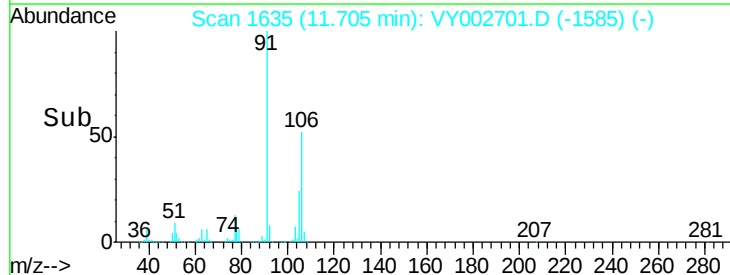
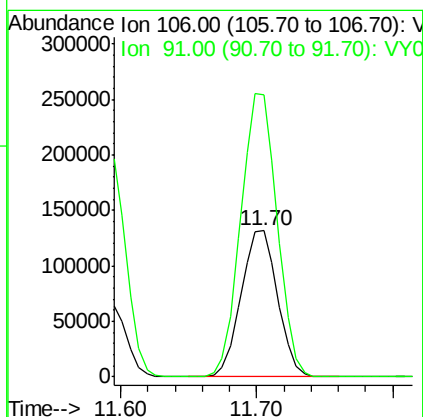
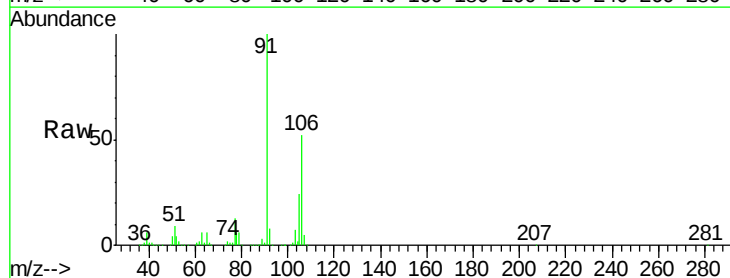
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

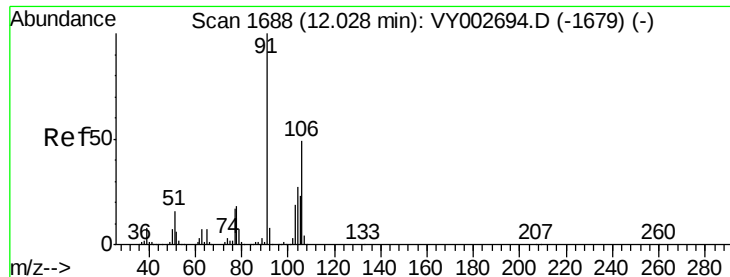
Tot Ion: 91 Resp: 314261
Ion Ratio Lower Upper
91 100
106 32.5 26.0 39.0



#68
m/p-Xylenes
Concen: 41.235 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion: 106 Resp: 246718
Ion Ratio Lower Upper
106 100
91 193.2 156.2 234.4

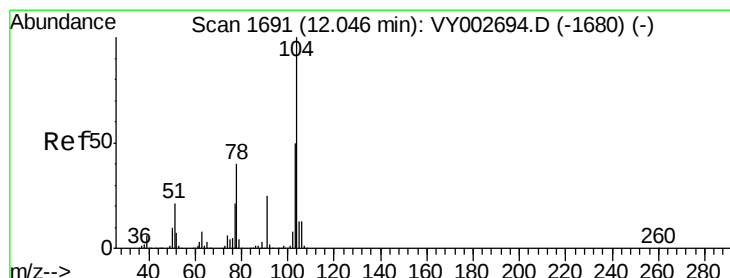
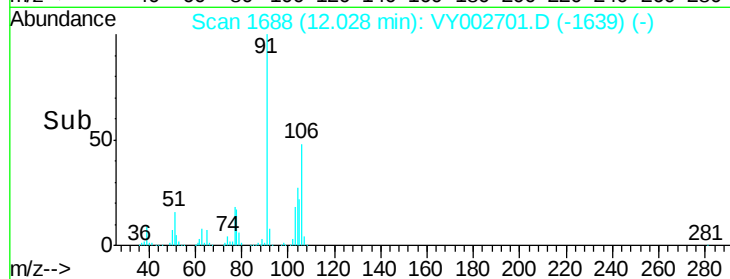
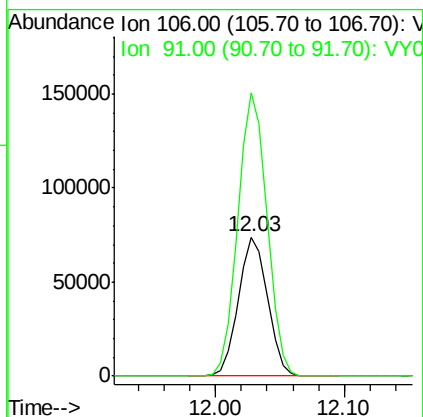
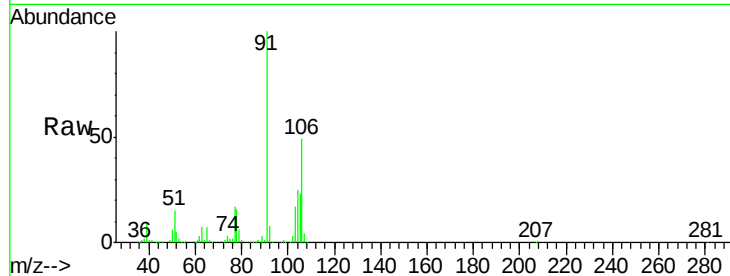




#69
o-Xylene
Concen: 20.653 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

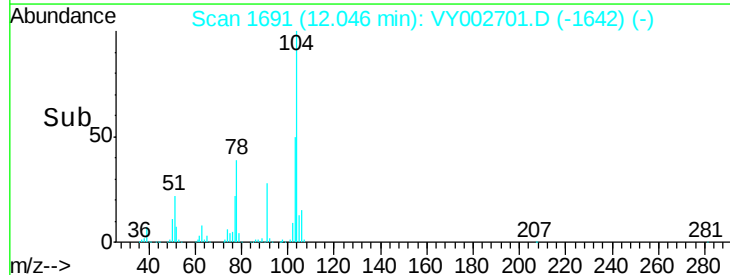
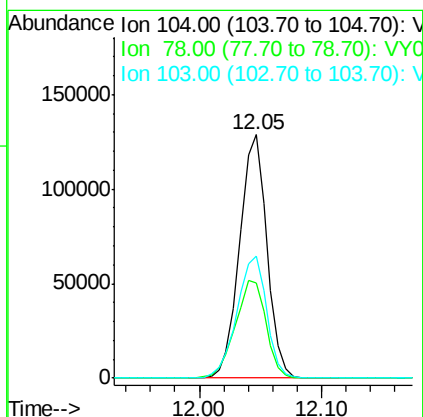
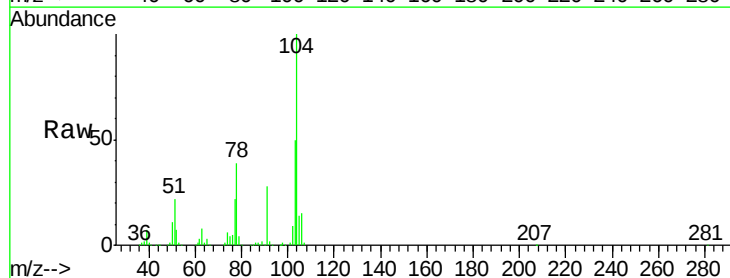
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

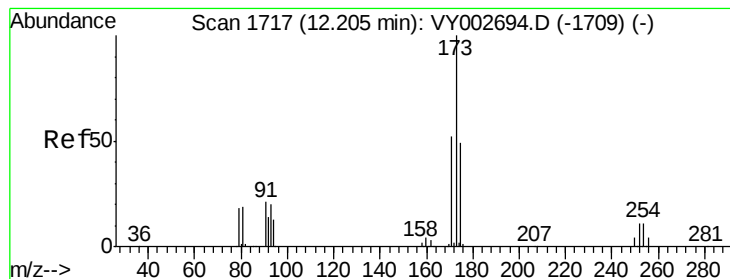
Tot Ion:106 Resp: 115982
Ion Ratio Lower Upper
106 100
91 203.1 103.5 310.3



#70
Styrene
Concen: 20.622 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002701.D
Acq: 18 May 2020 11:22

Tgt Ion:104 Resp: 198828
Ion Ratio Lower Upper
104 100
78 45.1 36.6 54.8
103 54.6 44.1 66.1





#71

Bromoform

Concen: 20.858 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

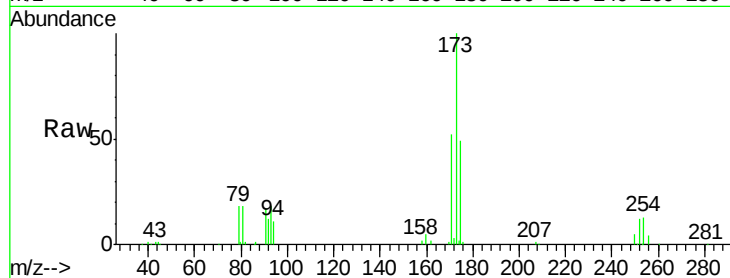
Tot Ion:173 Resp: 41912

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

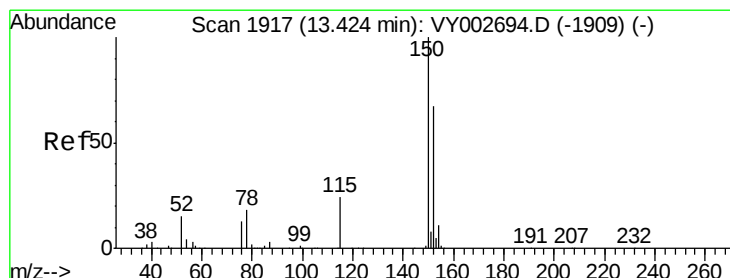
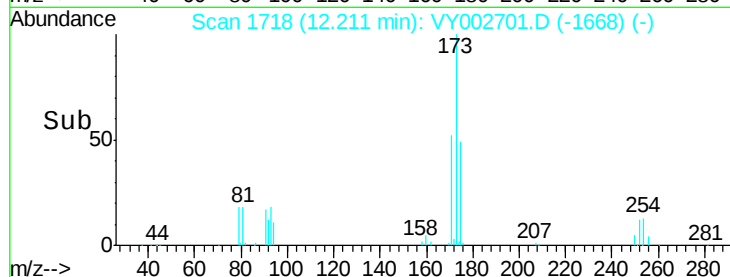
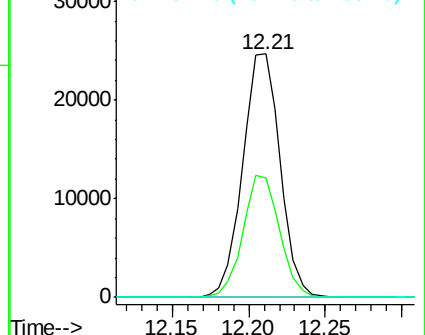
254 0.0 0.1 0.1#



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: VY002701.D

Acq: 18 May 2020 11:22

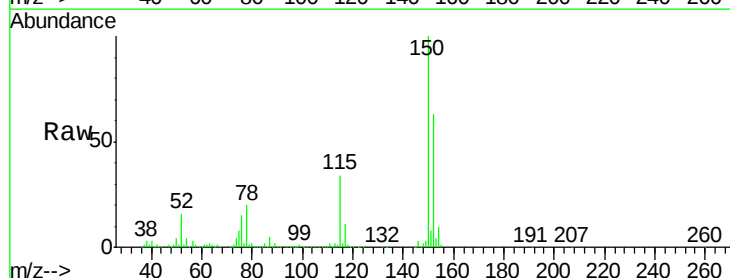
Tgt Ion:152 Resp: 242665

Ion Ratio Lower Upper

152 100

115 53.2 27.2 81.6

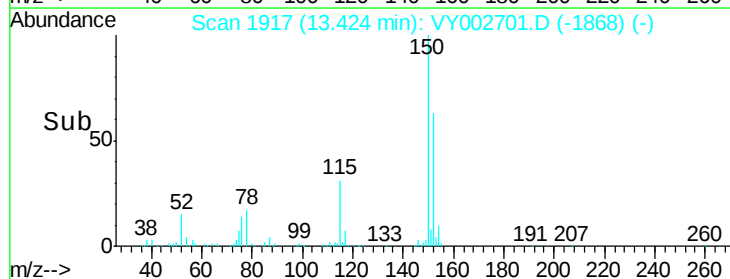
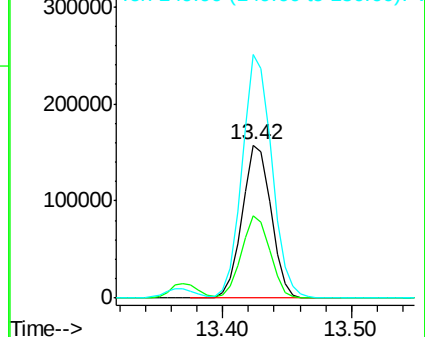
150 163.6 0.0 343.8

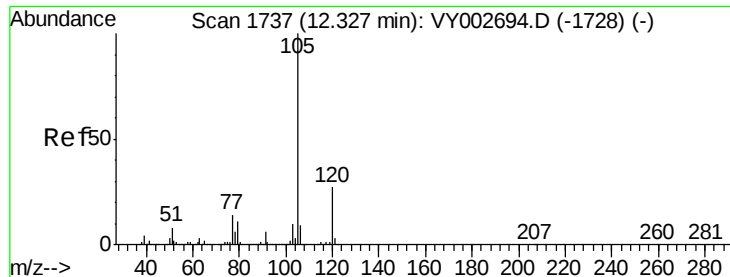


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.073 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

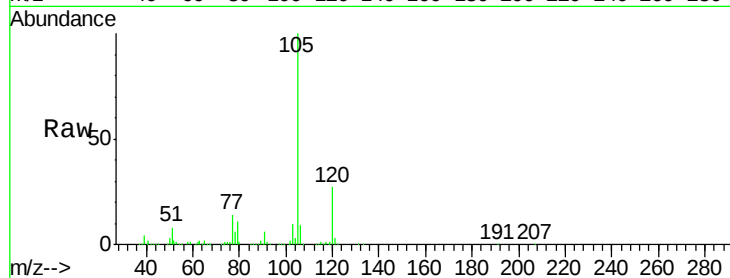
VY0518SBS01

Tot Ion:105 Resp: 318279

Ion Ratio Lower Upper

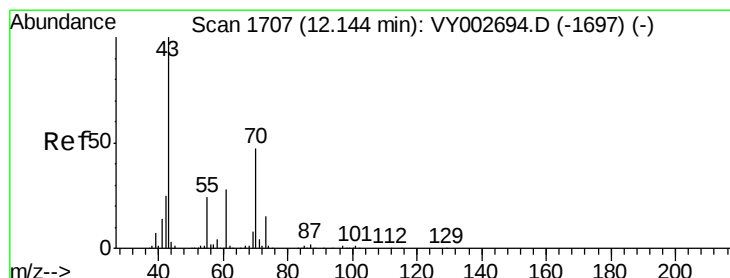
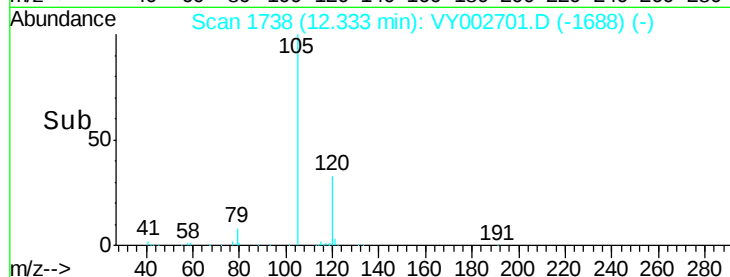
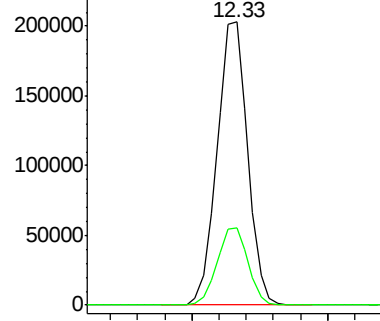
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.016 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Tgt Ion: 43 Resp: 74475

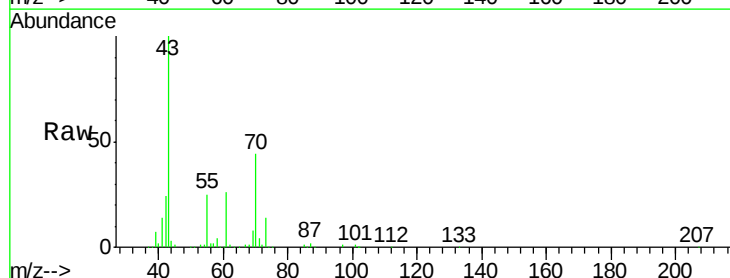
Ion Ratio Lower Upper

43 100

70 46.4 37.7 56.5

55 24.8 19.4 29.0

61 26.6 21.3 31.9

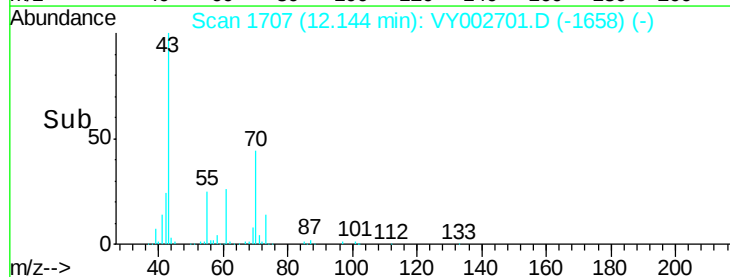
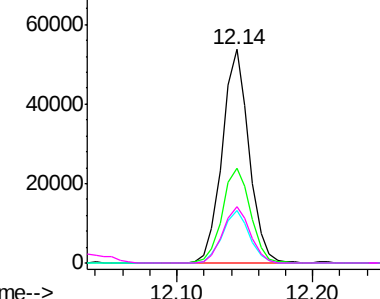


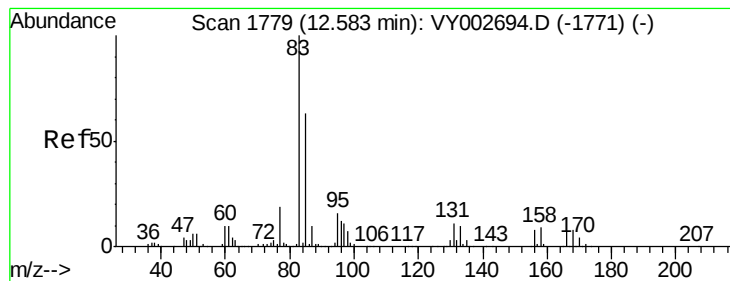
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.944 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

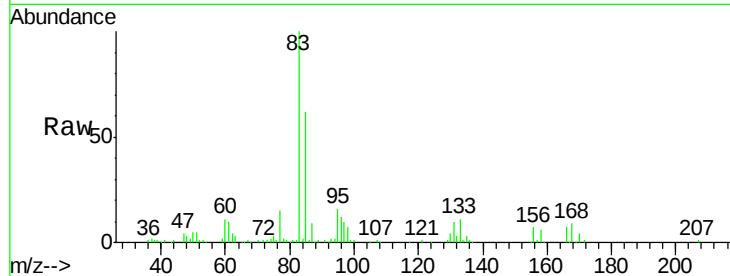
Tot Ion: 83 Resp: 46569

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.3

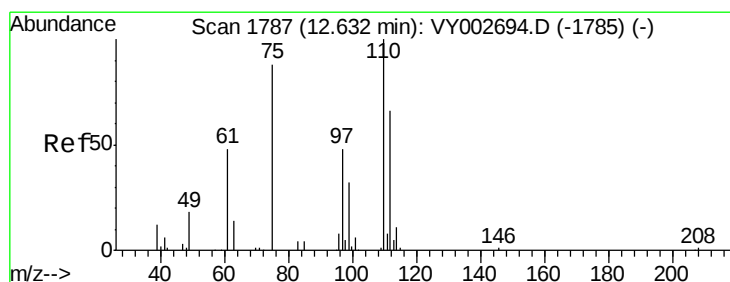
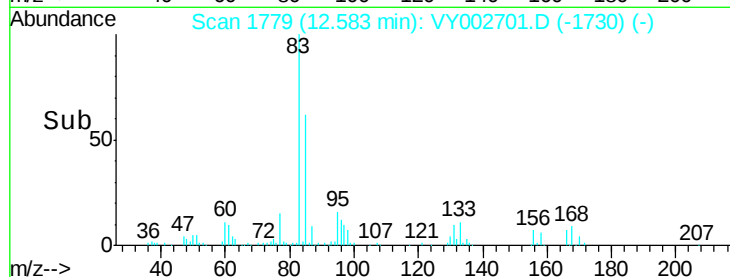
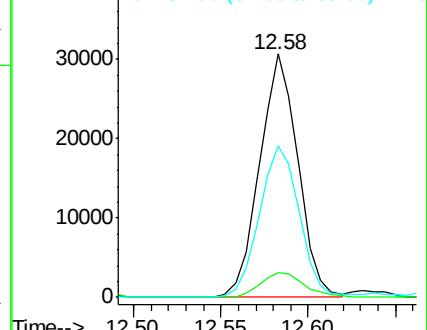
85 65.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 20.738 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002701.D

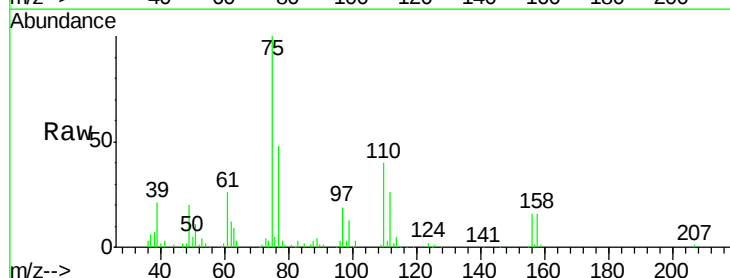
Acq: 18 May 2020 11:22

Tgt Ion: 75 Resp: 41339

Ion Ratio Lower Upper

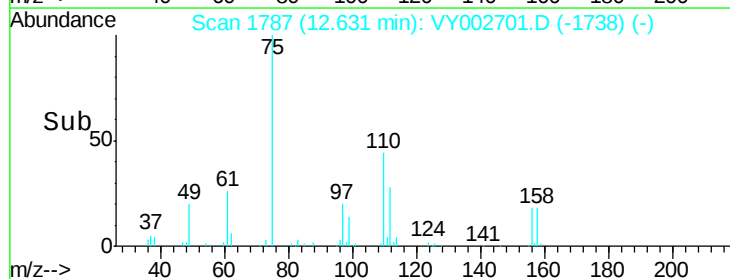
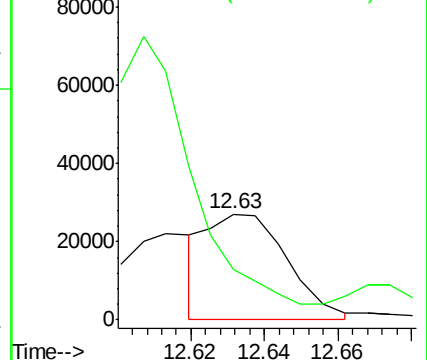
75 100

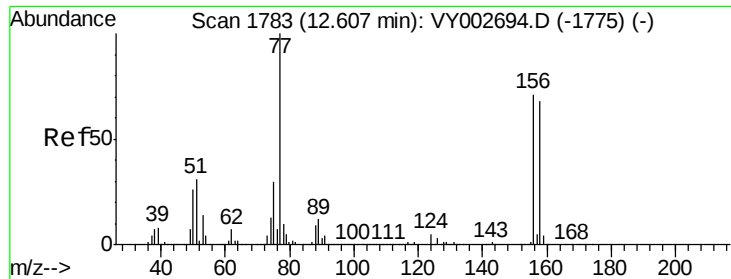
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.318 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

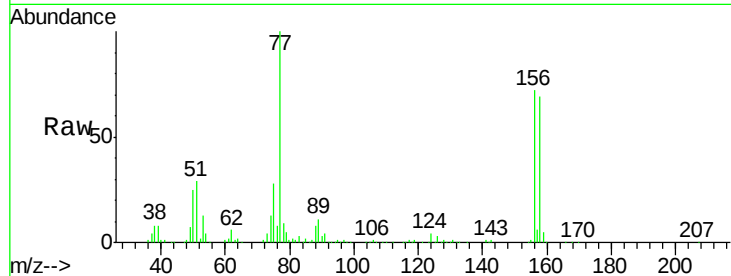
Tot Ion:156 Resp: 80543

Ion Ratio Lower Upper

156 100

77 159.7 80.8 242.3

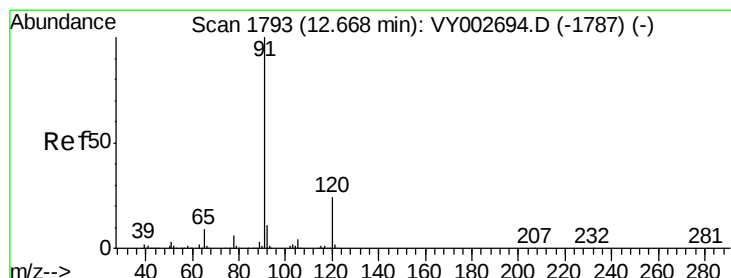
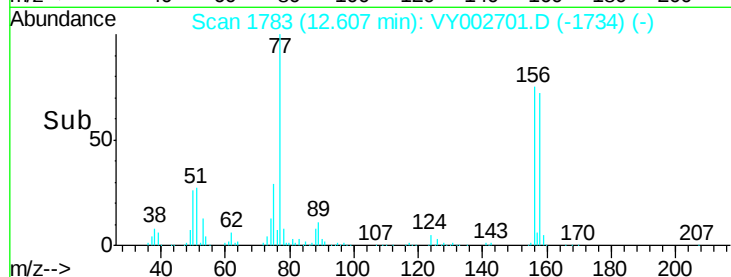
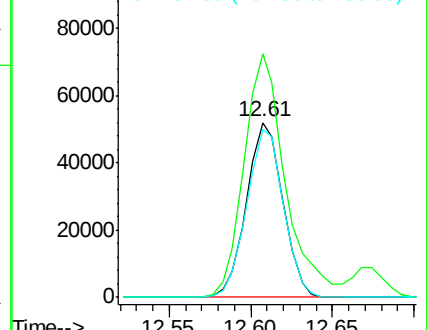
158 97.4 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.994 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002701.D

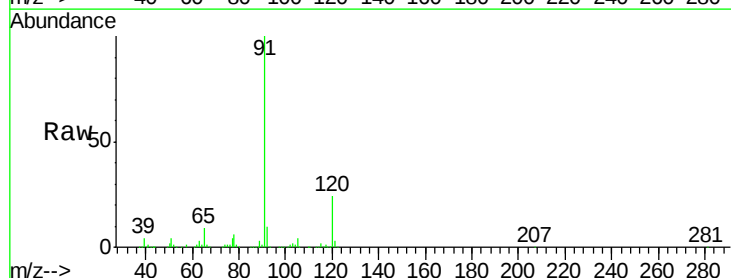
Acq: 18 May 2020 11:22

Tgt Ion: 91 Resp: 368801

Ion Ratio Lower Upper

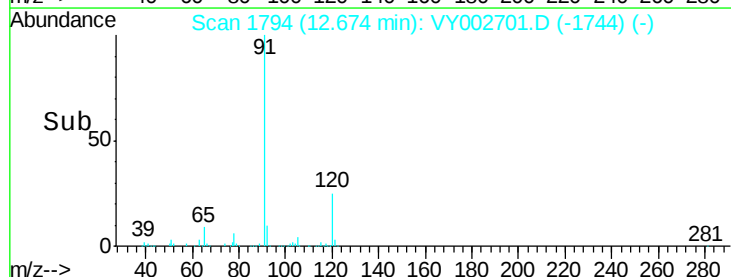
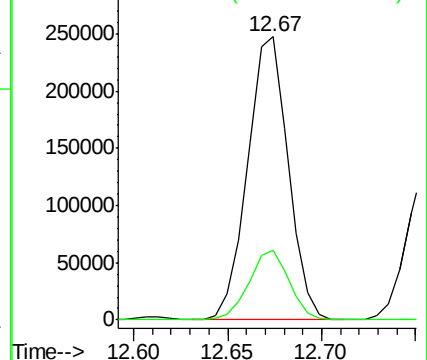
91 100

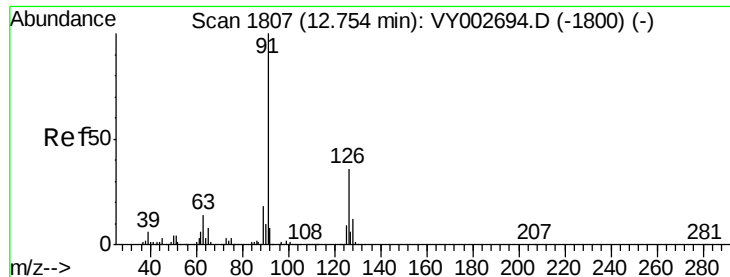
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

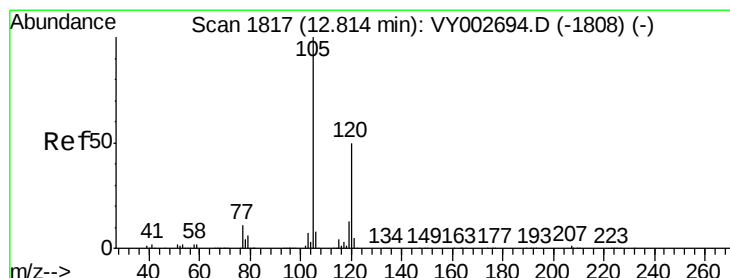
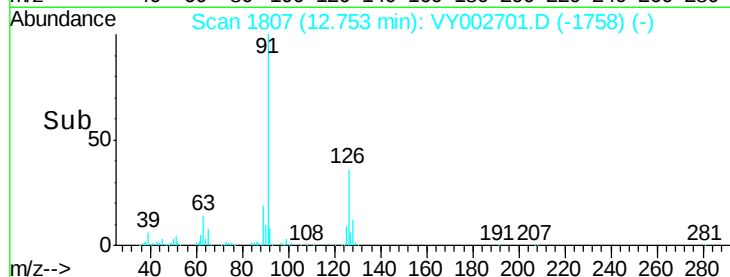
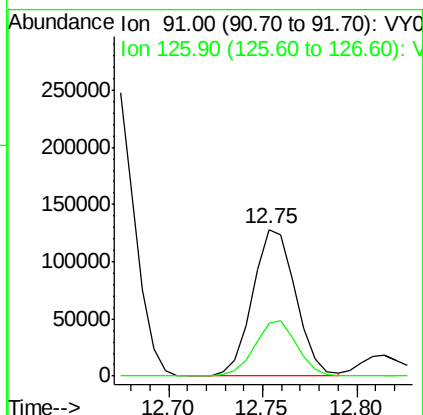
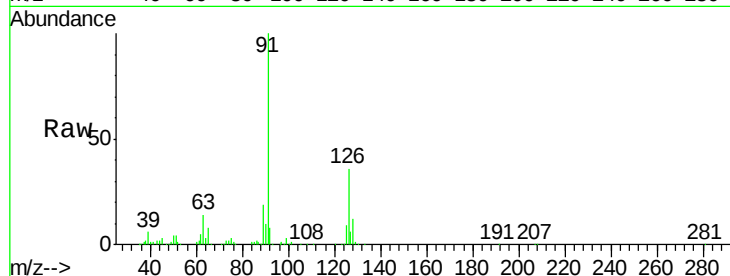




#79
 2-Chlorotoluene
 Concen: 19.773 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

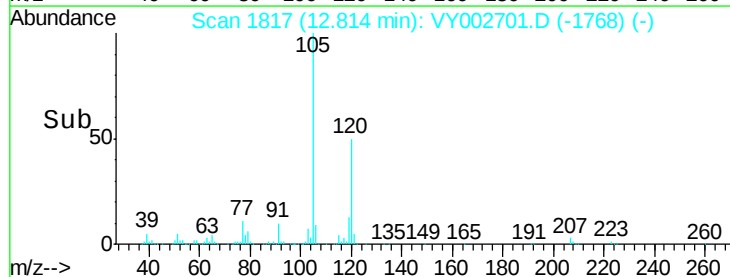
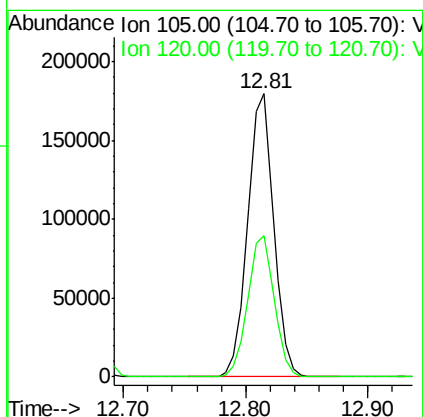
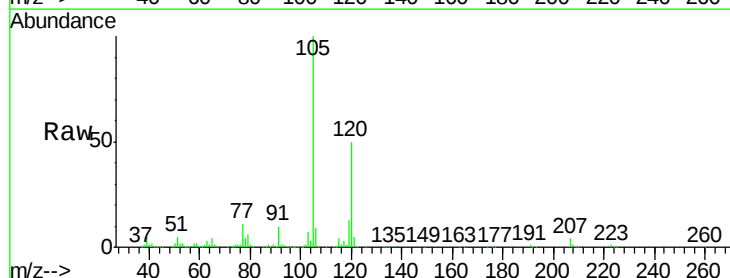
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

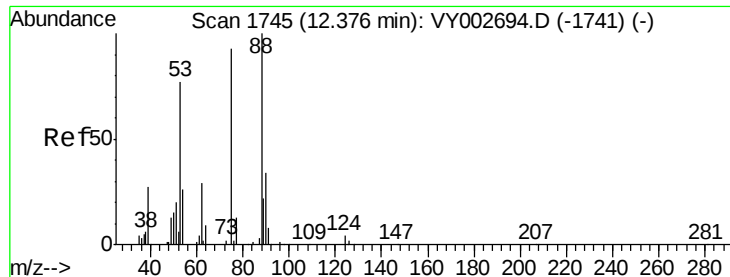
Tot Ion: 91 Resp: 202288
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.006 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Tgt Ion: 105 Resp: 266549
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.467 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

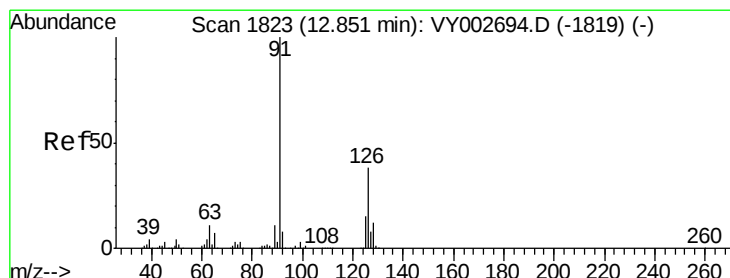
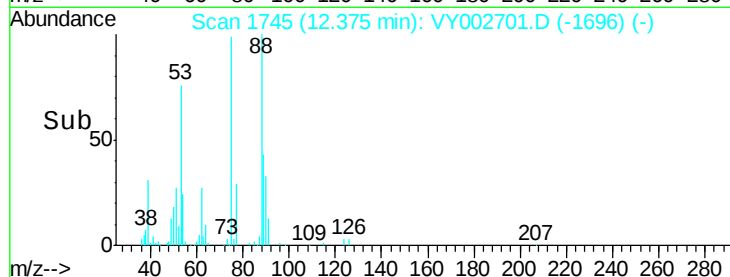
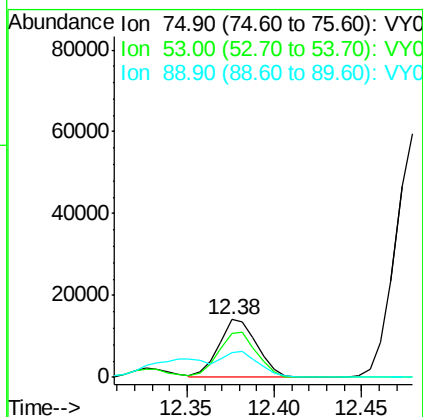
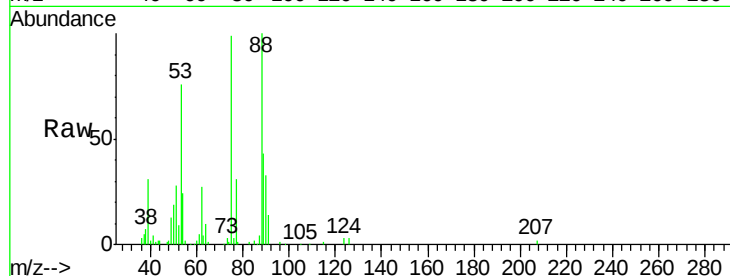
Tot Ion: 75 Resp: 21573

Ion Ratio Lower Upper

75 100

53 77.5 65.0 97.6

89 42.7 66.6 99.8#



#82

4-Chlorotoluene

Concen: 20.081 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002701.D

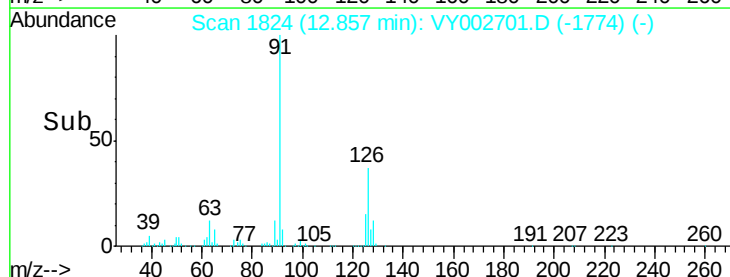
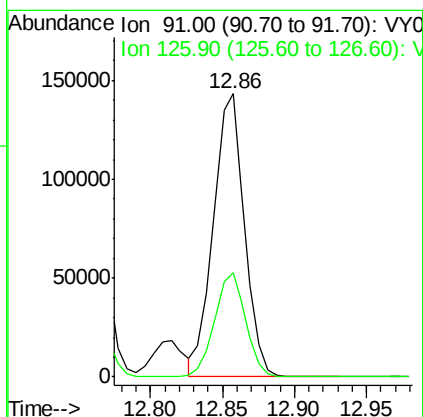
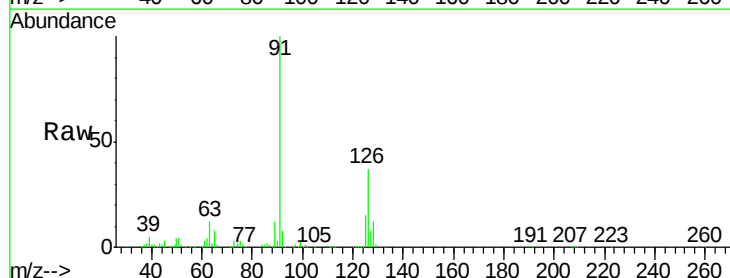
Acq: 18 May 2020 11:22

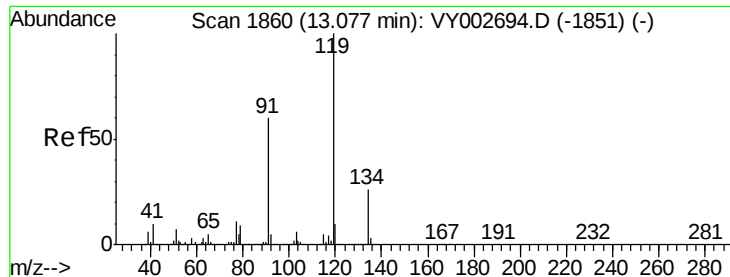
Tgt Ion: 91 Resp: 215197

Ion Ratio Lower Upper

91 100

126 36.9 18.6 56.0





#83

tert-Butylbenzene

Concen: 19.597 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

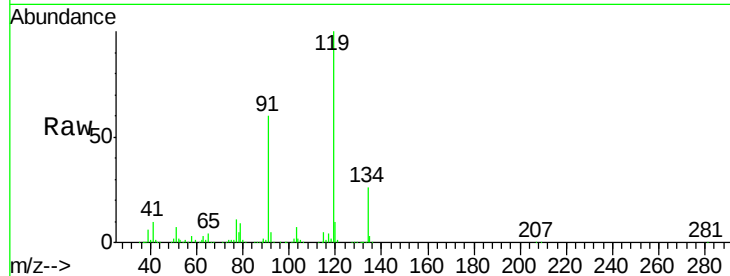
Tot Ion:119 Resp: 231068

Ion Ratio Lower Upper

119 100

91 61.4 30.4 91.2

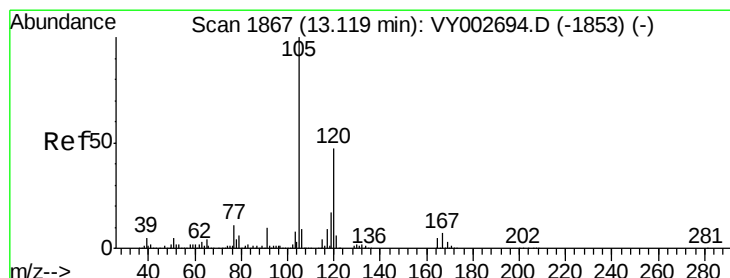
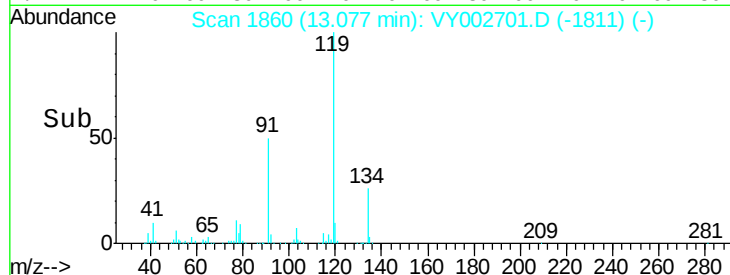
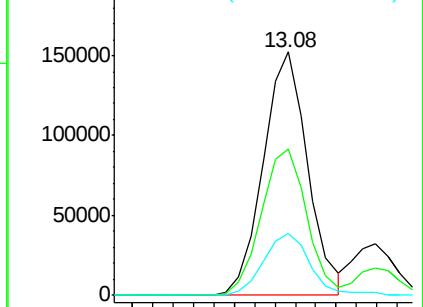
134 26.8 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.102 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002701.D

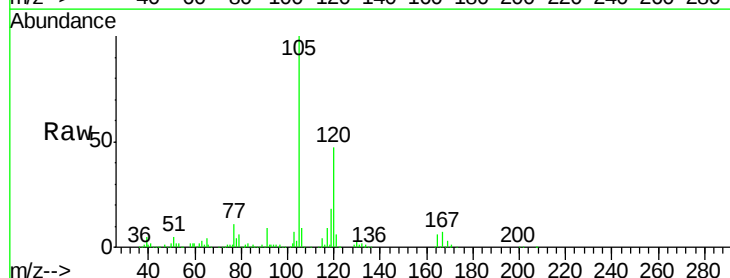
Acq: 18 May 2020 11:22

Tgt Ion:105 Resp: 267656

Ion Ratio Lower Upper

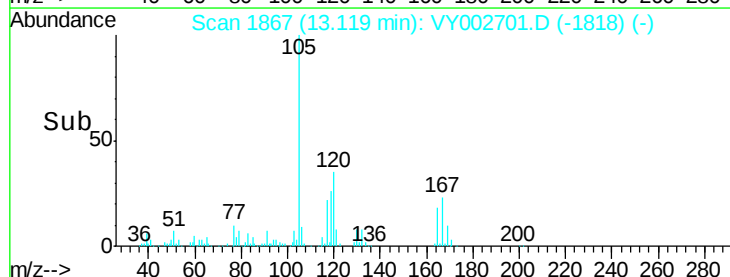
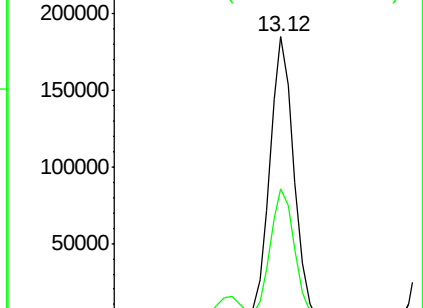
105 100

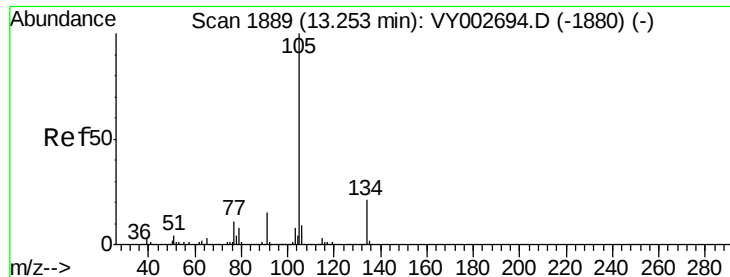
120 46.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.998 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

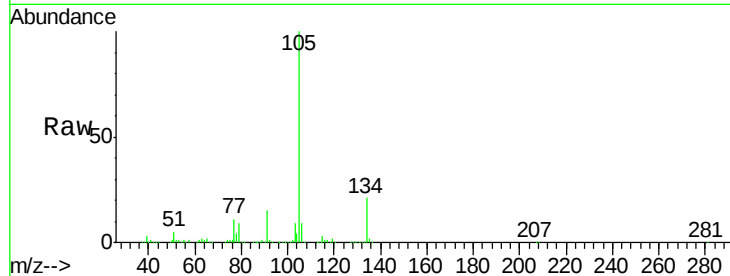
VY0518SBS01

Tot Ion:105 Resp: 325378

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

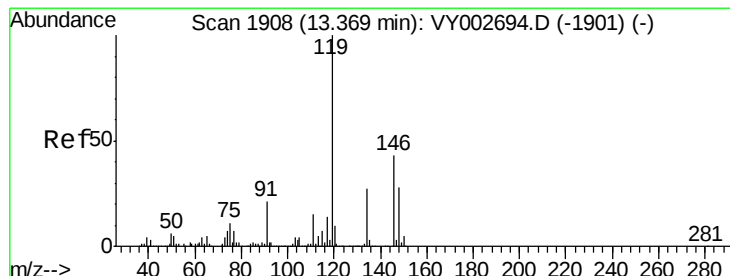
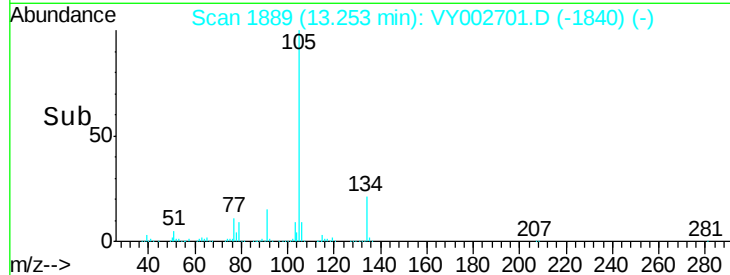
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.218 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

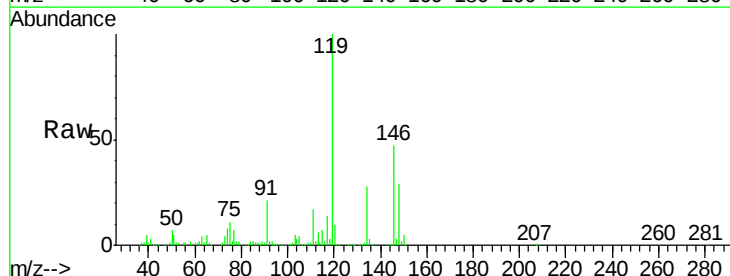
Tgt Ion:119 Resp: 307920

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 21.3 10.8 32.3



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

250000

200000

150000

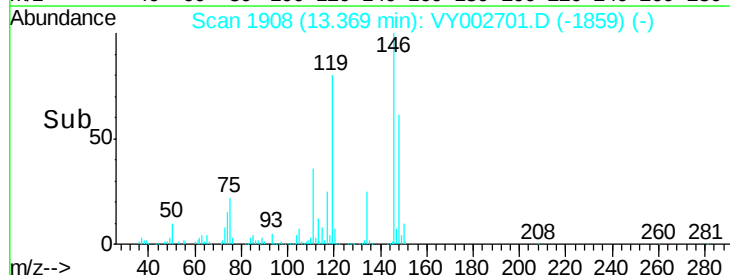
100000

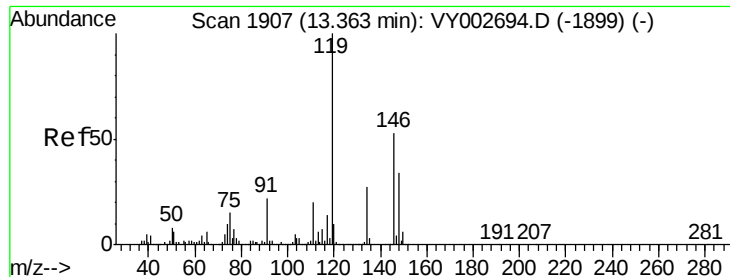
50000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.097 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY002701.D

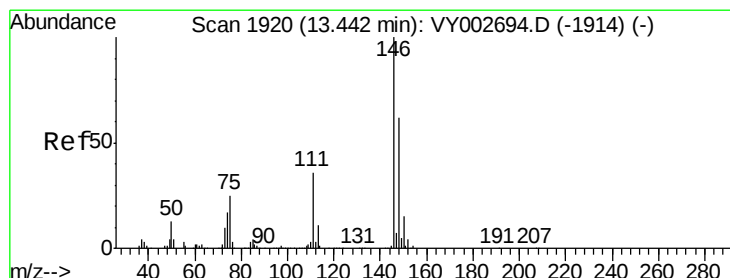
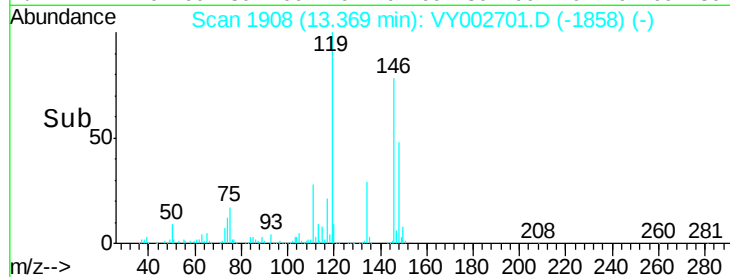
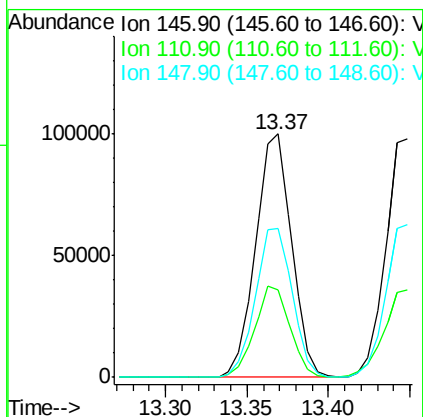
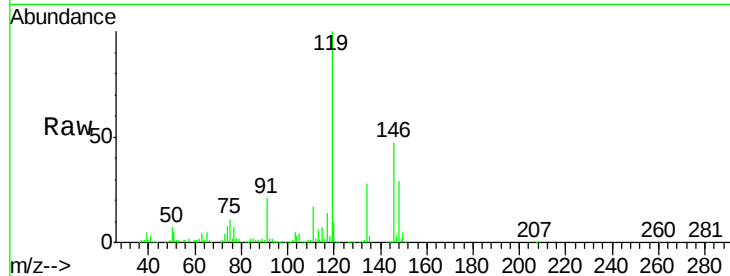
Acq: 18 May 2020 11:22

Instrument :
MSVOA_Y

ClientSampleId :
VY0518SBS01

Tot Ion:146 Resp: 153607

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.5	55.5
148	62.8	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 19.859 ug/l

RT: 13.45 min Scan# 1921

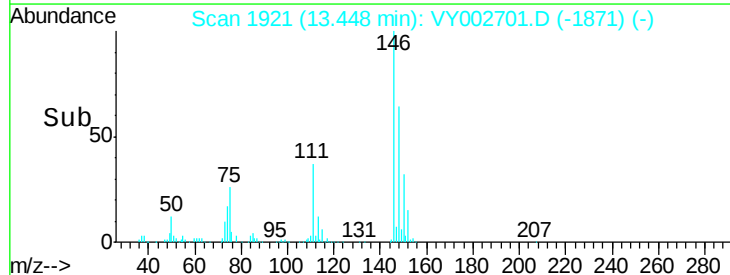
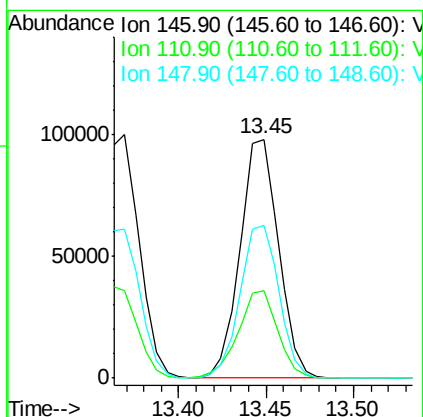
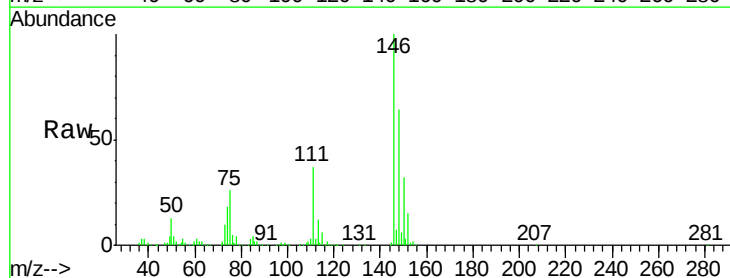
Delta R.T. 0.01 min

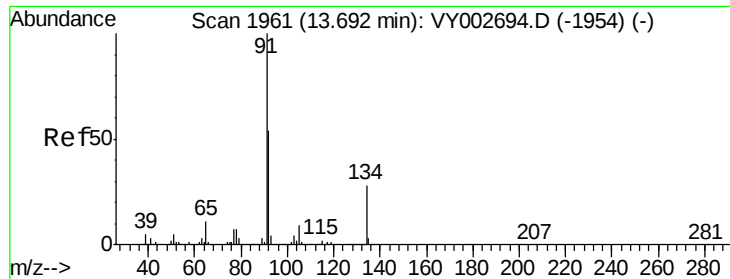
Lab File: VY002701.D

Acq: 18 May 2020 11:22

Tgt Ion:146 Resp: 151116

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.4
148	64.8	31.8	95.3





#89

n-Butylbenzene

Concen: 20.079 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

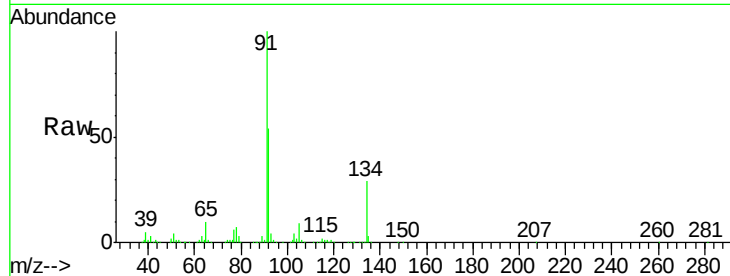
Tot Ion: 91 Resp: 280831

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

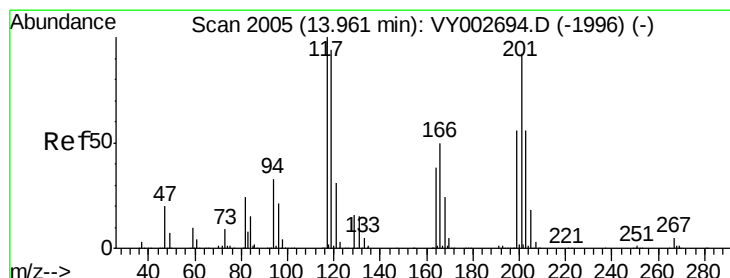
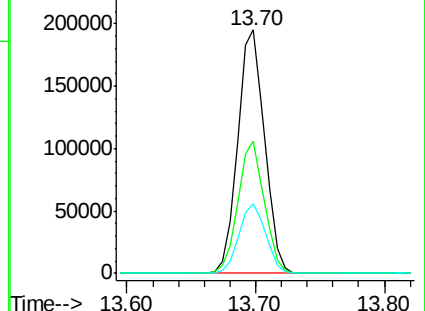
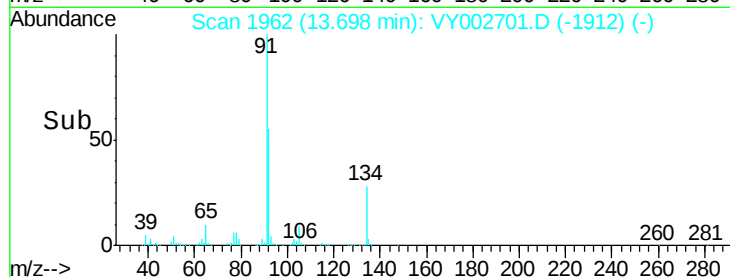
134 28.4 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VY002701.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002701.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002701.D (-1912) (-)



#90

Hexachloroethane

Concen: 19.794 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002701.D

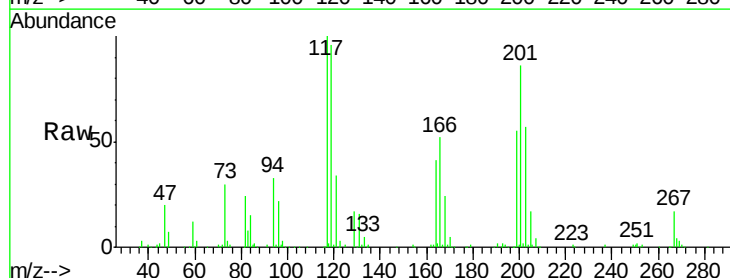
Acq: 18 May 2020 11:22

Tgt Ion: 117 Resp: 55836

Ion Ratio Lower Upper

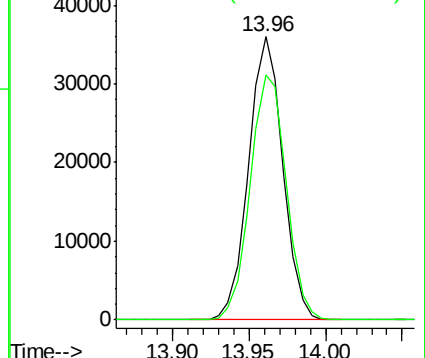
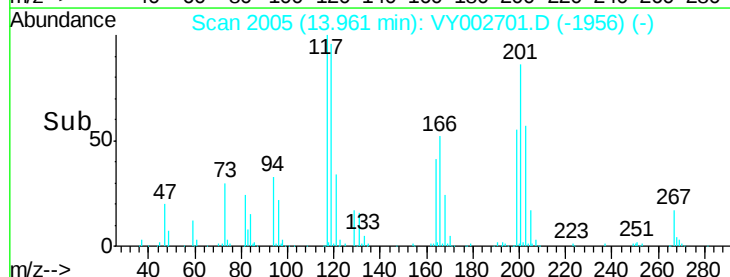
117 100

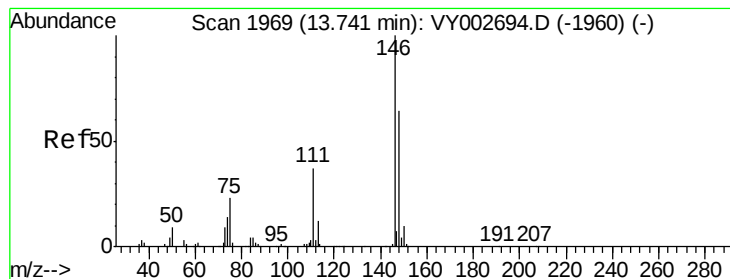
201 91.1 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): VY002701.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002701.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 19.913 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

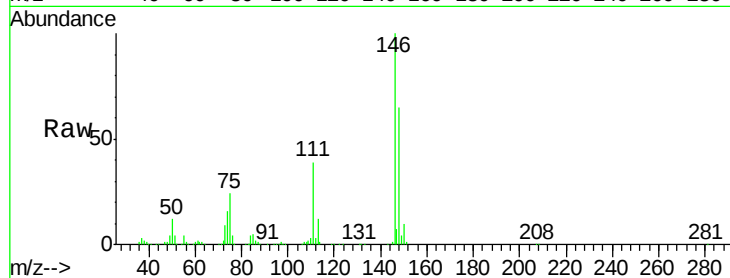
Tot Ion:146 Resp: 136496

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

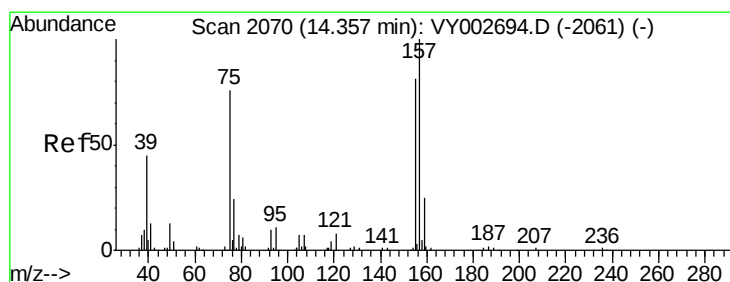
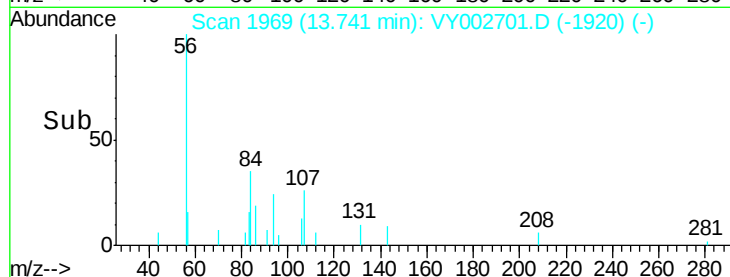
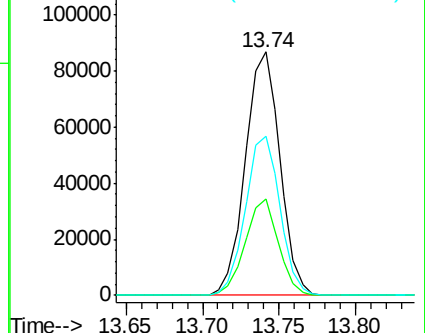
148 65.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.198 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

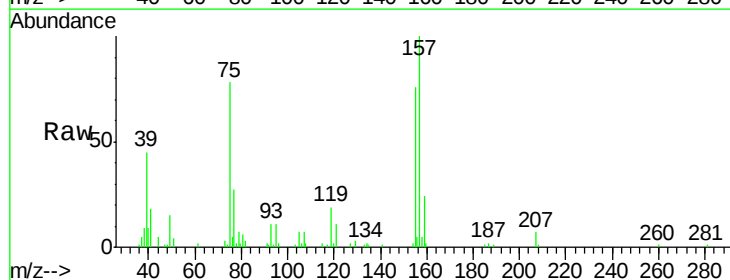
Tgt Ion: 75 Resp: 9044

Ion Ratio Lower Upper

75 100

155 104.1 53.5 160.7

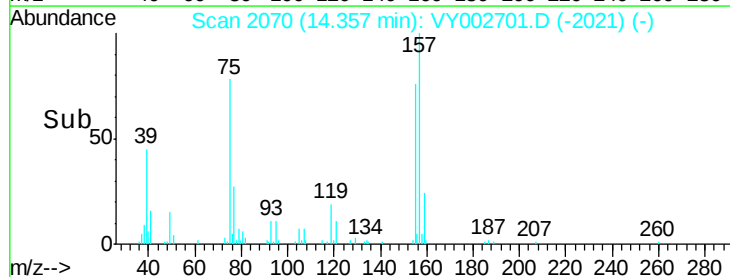
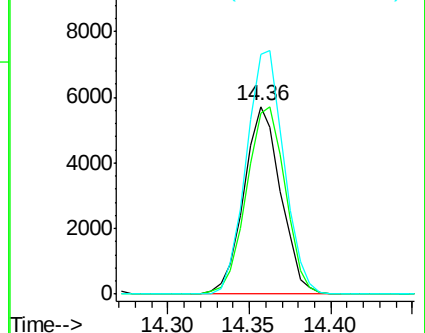
157 132.2 67.9 203.7

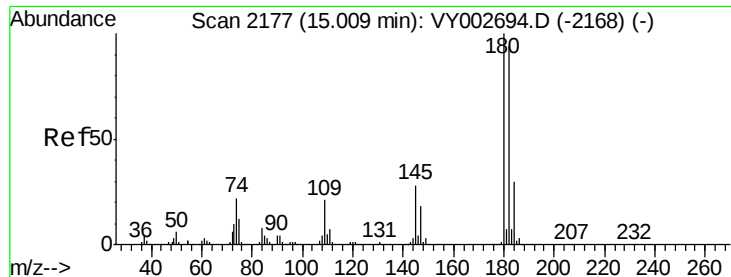


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

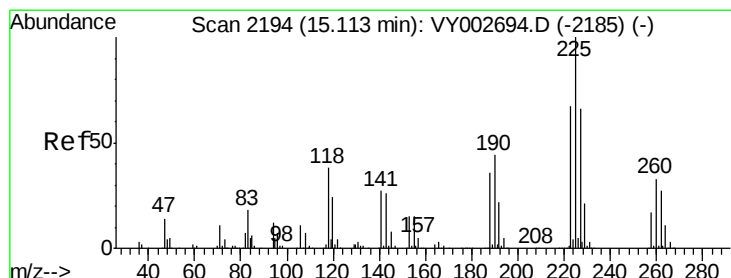
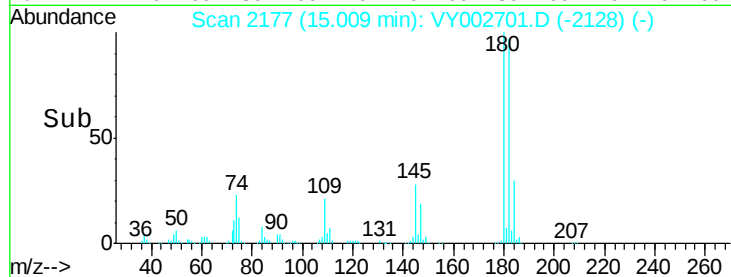
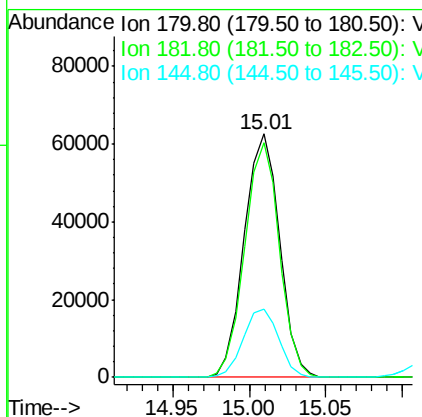
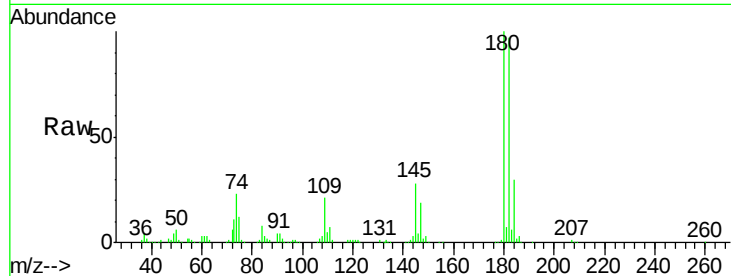




#93
 1,2,4-Trichlorobenzene
 Concen: 18.483 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

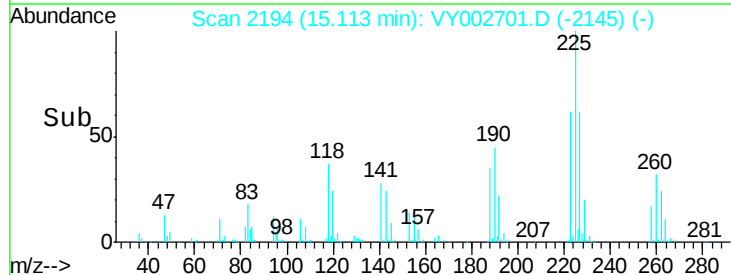
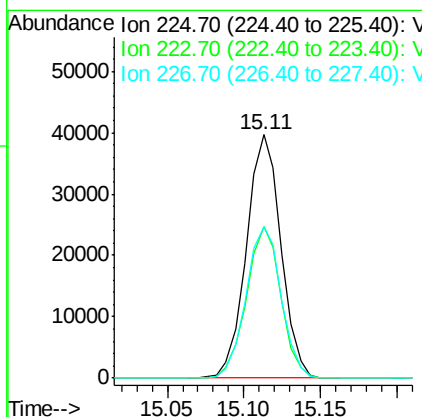
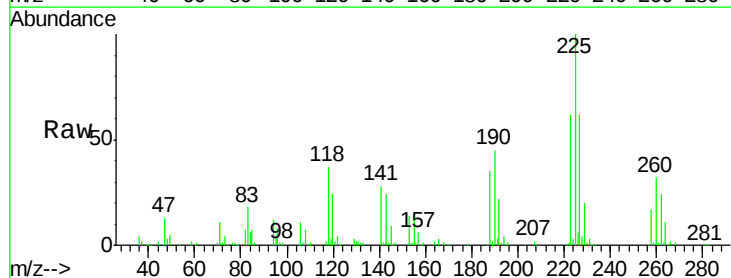
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

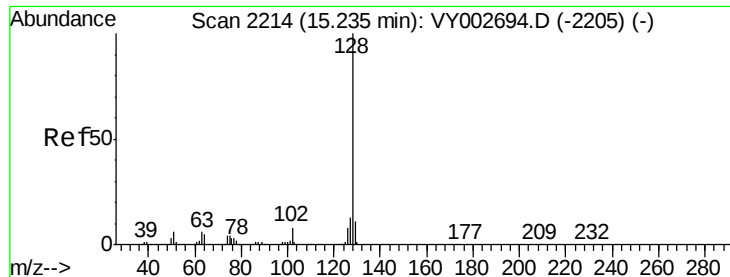
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	142.0
145	28.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.731 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002701.D
 Acq: 18 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.6	94.8
227	63.3	32.2	96.6





#95

Naphthalene

Concen: 18.574 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

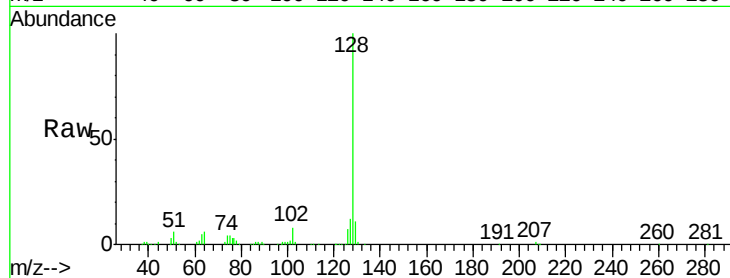
Tot Ion:128 Resp: 175344

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

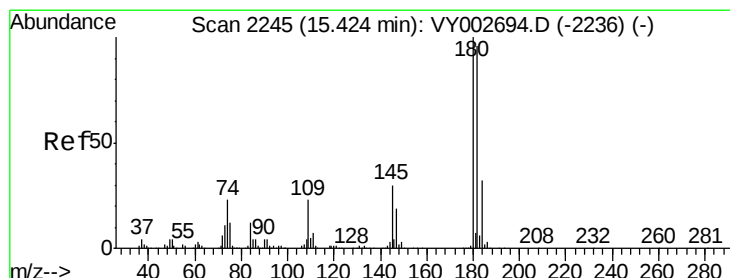
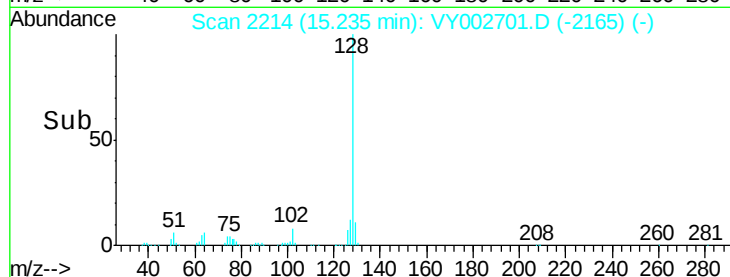
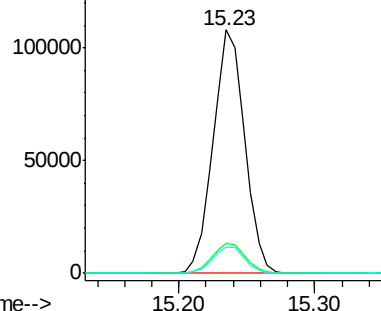
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.692 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002701.D

Acq: 18 May 2020 11:22

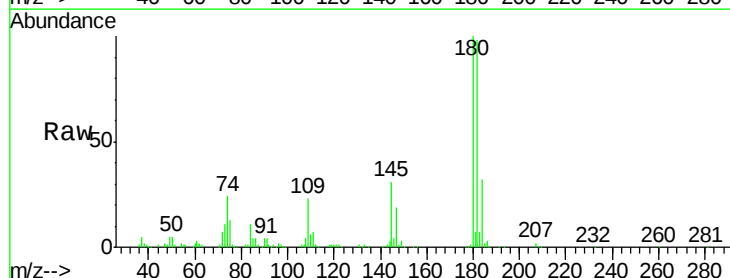
Tgt Ion:180 Resp: 83617

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.9

145 30.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

