

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003310.D
 Acq On : 23 Jul 2020 12:33
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Quant Time: Jul 24 04:34:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	444881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	654645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	599371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	324873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	180196	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	7.72	113	171323	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
50) Toluene-d8	10.18	98	632776	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.48	95	228206	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	76590	24.020	ug/l 99
3) Chloromethane	2.12	50	98130	22.187	ug/l 100
4) Vinyl Chloride	2.26	62	101977	22.472	ug/l 95
5) Bromomethane	2.64	94	78166	23.191	ug/l 98
6) Chloroethane	2.79	64	66653	22.363	ug/l 99
7) Trichlorofluoromethane	3.13	101	149907	23.132	ug/l 99
8) Diethyl Ether	3.53	74	48953	22.542	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	85209	21.771	ug/l 99
10) Methyl Iodide	4.10	142	86558	20.356	ug/l 97
11) Tert butyl alcohol	4.96	59	45109	111.098	ug/l 97
12) 1,1-Dichloroethene	3.87	96	82071	22.169	ug/l 96
13) Acrolein	3.74	56	26979	76.553	ug/l 95
14) Allyl chloride	4.48	41	134382	24.463	ug/l 94
15) Acrylonitrile	5.17	53	122790	117.710	ug/l 100
16) Acetone	3.95	43	97952	116.784	ug/l 92
17) Carbon Disulfide	4.19	76	253573	22.322	ug/l 97
18) Methyl Acetate	4.48	43	58892	25.283	ug/l 96
19) Methyl tert-butyl Ether	5.22	73	230442	22.213	ug/l 96
20) Methylene Chloride	4.72	84	122139	26.342	ug/l 97
21) trans-1,2-Dichloroethene	5.22	96	92461	22.082	ug/l 94
22) Diisopropyl ether	6.13	45	296291	24.303	ug/l 96
23) Vinyl Acetate	6.07	43	937031	115.315	ug/l 98
24) 1,1-Dichloroethane	6.02	63	163370	23.130	ug/l 98
25) 2-Butanone	6.99	43	157769	114.563	ug/l 96
26) 2,2-Dichloropropane	6.99	77	149206	23.457	ug/l 98
27) cis-1,2-Dichloroethene	6.99	96	102798	22.298	ug/l 98
28) Bromochloromethane	7.34	49	69616	22.766	ug/l 97
29) Tetrahydrofuran	7.35	42	105810	114.372	ug/l 97
30) Chloroform	7.51	83	166636	22.907	ug/l 93
31) Cyclohexane	7.79	56	155703	22.797	ug/l 95
32) 1,1,1-Trichloroethane	7.71	97	148459	22.669	ug/l 98
36) 1,1-Dichloropropene	7.92	75	130526	21.999	ug/l 99
37) Ethyl Acetate	7.08	43	73091	22.875	ug/l 97
38) Carbon Tetrachloride	7.90	117	135688	22.152	ug/l 99

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VY0723SBS01

Quant Time: Jul 24 04:34:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	159213	21.361	ug/l	98
40) Benzene	8.16	78	361826	22.148	ug/l	96
41) Methacrylonitrile	7.35	41	99767	51.843	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	110669	22.004	ug/l	100
43) Isopropyl Acetate	8.28	43	135851	21.965	ug/l	99
44) Trichloroethene	8.94	130	102727	20.512	ug/l	96
45) 1,2-Dichloropropane	9.22	63	96715	22.879	ug/l	96
46) Dibromomethane	9.30	93	52505	21.266	ug/l	98
47) Bromodichloromethane	9.50	83	132274	22.526	ug/l	99
48) Methyl methacrylate	9.29	41	61370	22.196	ug/l	93
49) 1,4-Dioxane	9.30	88	12687	404.872	ug/l #	79
51) 4-Methyl-2-Pentanone	10.07	43	356904	111.023	ug/l	98
52) Toluene	10.24	92	226859	21.725	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	134378	22.087	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	155692	22.210	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	76338	21.819	ug/l	98
56) Ethyl methacrylate	10.51	69	102482	21.545	ug/l	96
57) 1,3-Dichloropropane	10.79	76	130718	22.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	267562	110.296	ug/l	99
59) 2-Hexanone	10.83	43	251000	111.850	ug/l	98
60) Dibromochloromethane	10.99	129	95768	21.763	ug/l	99
61) 1,2-Dibromoethane	11.09	107	73033	21.150	ug/l	97
64) Tetrachloroethene	10.72	164	106581	19.943	ug/l	96
65) Chlorobenzene	11.52	112	250085	21.659	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.59	131	97723	21.791	ug/l	98
67) Ethyl Benzene	11.59	91	453642	22.004	ug/l	98
68) m/p-Xylenes	11.70	106	340273	43.500	ug/l	98
69) o-Xylene	12.03	106	159775	21.863	ug/l	98
70) Styrene	12.04	104	276708	22.134	ug/l	99
71) Bromoform	12.20	173	61444	20.875	ug/l #	99
73) Isopropylbenzene	12.33	105	441323	21.317	ug/l	100
74) N-amyl acetate	12.14	43	127235	21.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	86552	21.646	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	119303	41.487	ug/l #	100
77) Bromobenzene	12.61	156	112127	21.247	ug/l	98
78) n-propylbenzene	12.67	91	527485	21.615	ug/l	99
79) 2-Chlorotoluene	12.75	91	290889	21.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	375008	21.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	32408	21.933	ug/l	96
82) 4-Chlorotoluene	12.85	91	306935	21.598	ug/l	100
83) tert-Butylbenzene	13.08	119	330892	21.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	380190	21.898	ug/l	98
85) sec-Butylbenzene	13.25	105	456114	21.796	ug/l	100
86) p-Isopropyltoluene	13.37	119	422818	21.640	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	214320	21.476	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	215624	21.824	ug/l	99
89) n-Butylbenzene	13.69	91	406586	22.123	ug/l	99
90) Hexachloroethane	13.96	117	80925	22.743	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	193430	22.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13984	21.572	ug/l	96

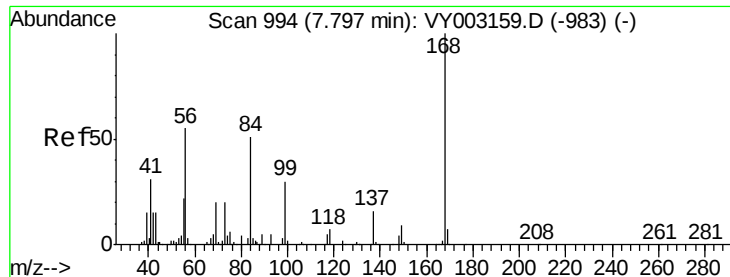
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
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Quant Time: Jul 24 04:34:10 2020
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	134491	21.586	ug/l	98
94) Hexachlorobutadiene	15.11	225	91005	21.317	ug/l	99
95) Naphthalene	15.23	128	217776	21.150	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	107507	21.829	ug/l	98

(#) = 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: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

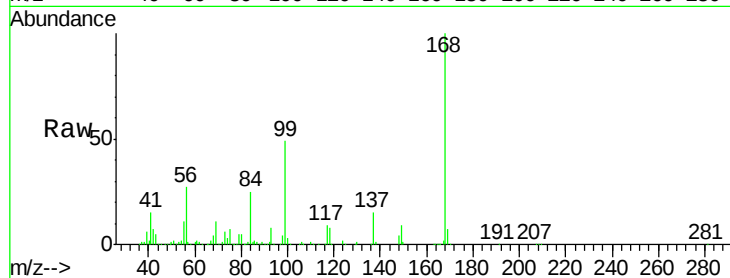
VY0723SBS01

Tot Ion:168 Resp: 444881

Ion Ratio Lower Upper

168 100

99 49.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003310.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003310.D (-945) (-)

7.80

200000

150000

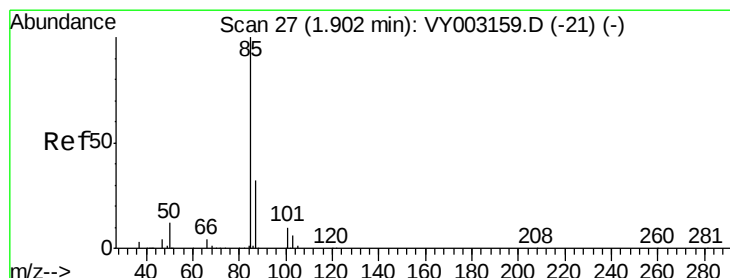
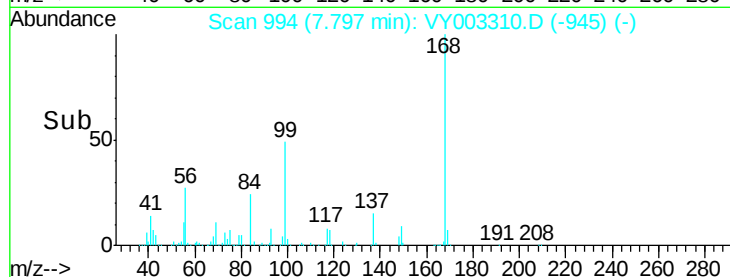
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 24.020 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003310.D

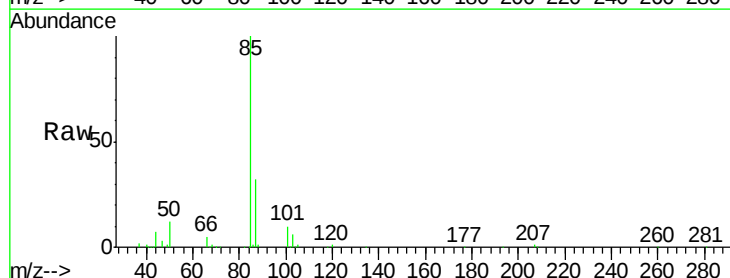
Acq: 23 Jul 2020 12:33

Tgt Ion: 85 Resp: 76590

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003310.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003310.D (-1) (-)

1.91

50000

40000

30000

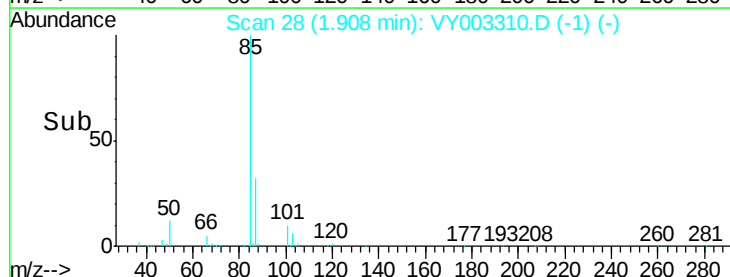
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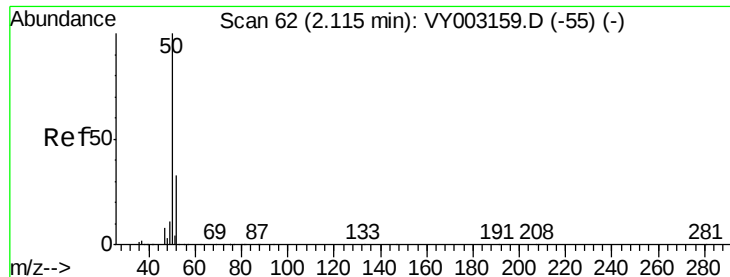
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.187 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

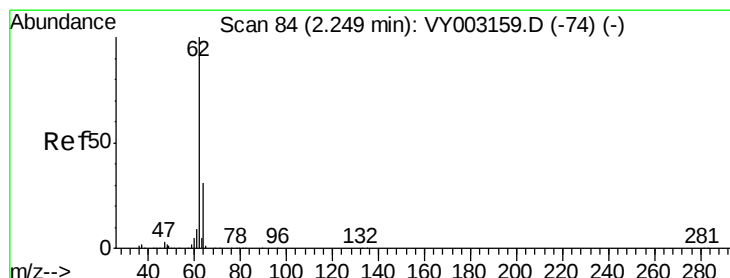
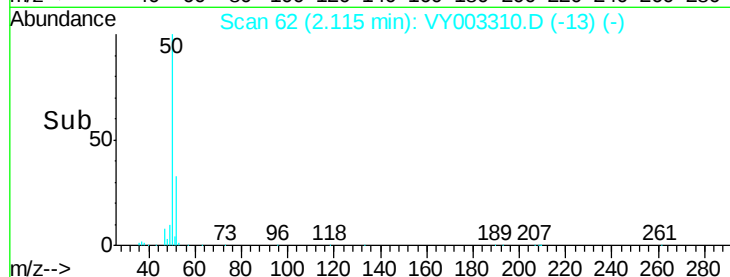
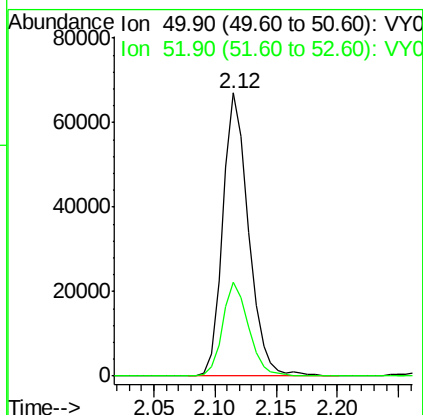
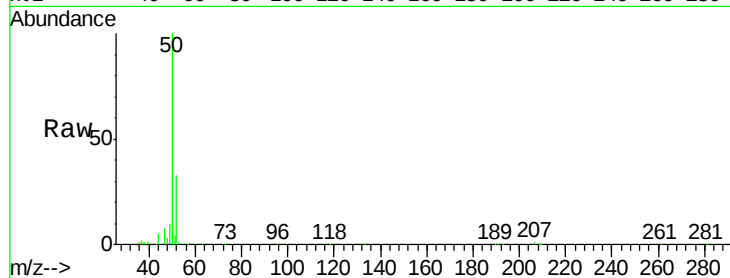
VY0723SBS01

Tot Ion: 50 Resp: 98130

Ion Ratio Lower Upper

50 100

52 33.3 26.6 39.8



#4

Vinyl Chloride

Concen: 22.472 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003310.D

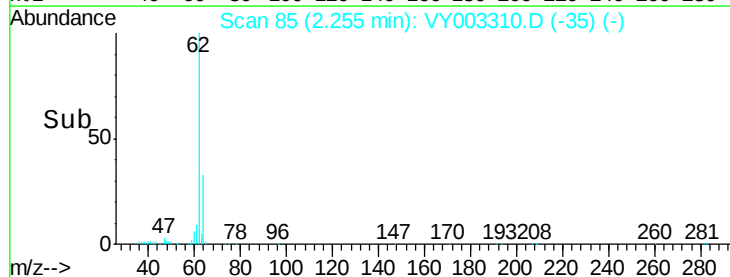
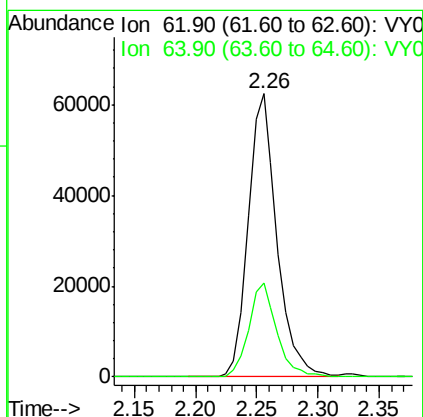
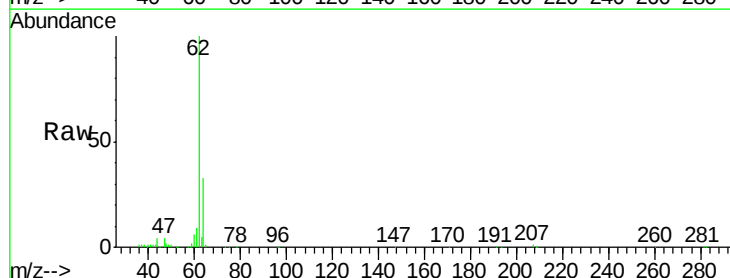
Acq: 23 Jul 2020 12:33

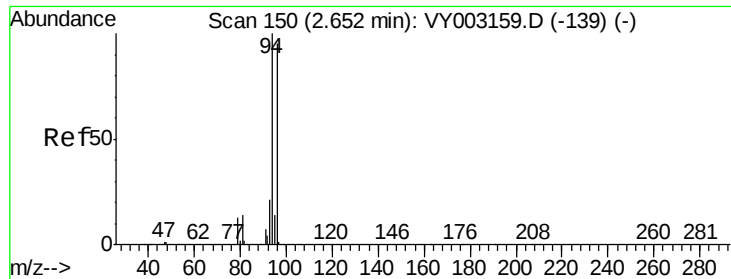
Tgt Ion: 62 Resp: 101977

Ion Ratio Lower Upper

62 100

64 33.3 24.6 37.0





#5

Bromomethane

Concen: 23.191 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

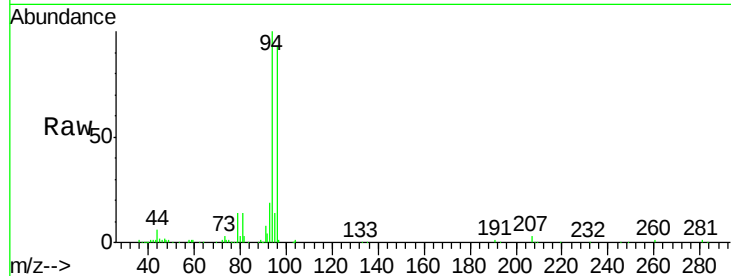
VY0723SBS01

Tot Ion: 94 Resp: 78166

Ion Ratio Lower Upper

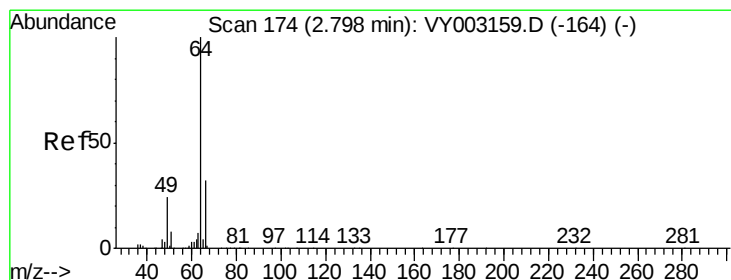
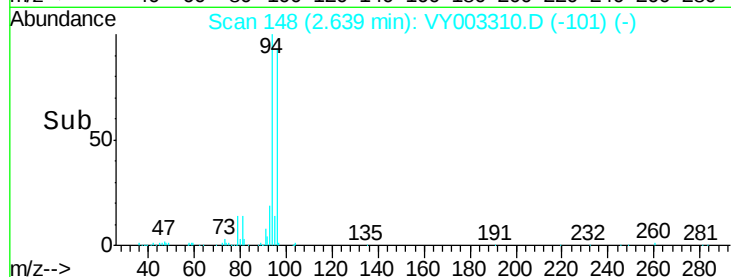
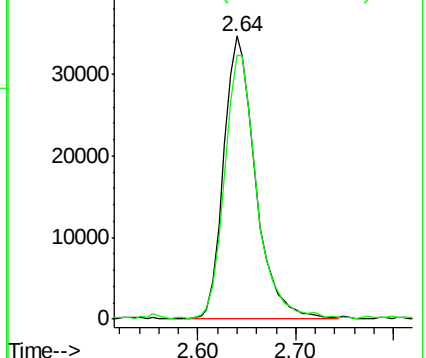
94 100

96 93.1 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.363 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003310.D

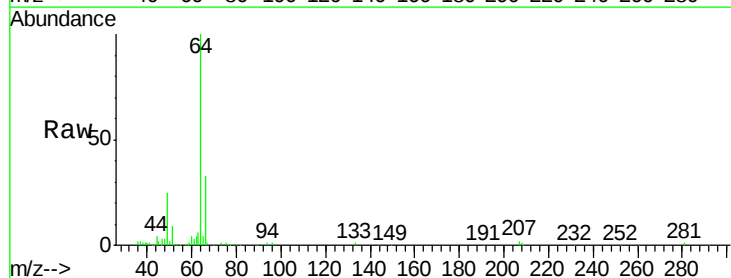
Acq: 23 Jul 2020 12:33

Tgt Ion: 64 Resp: 66653

Ion Ratio Lower Upper

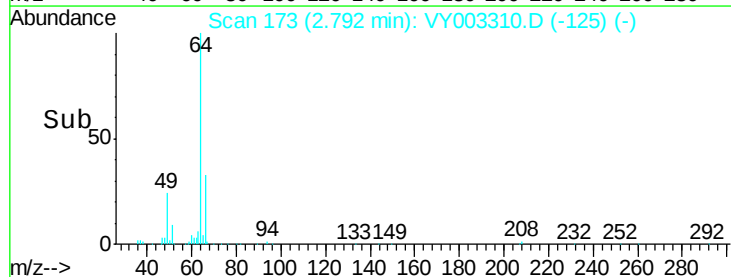
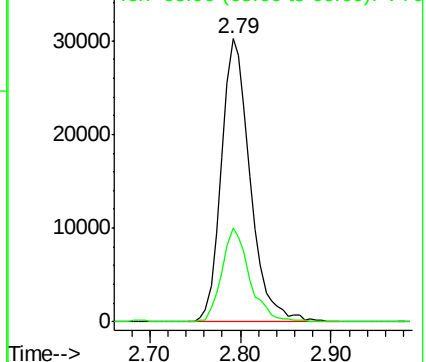
64 100

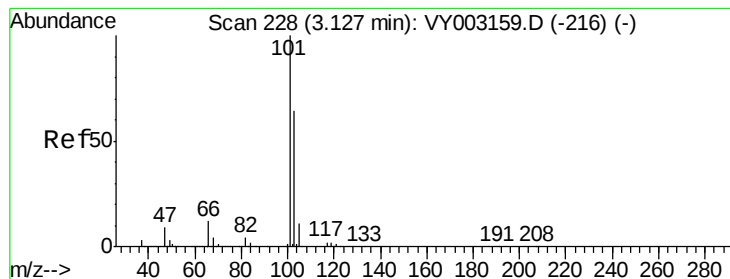
66 33.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



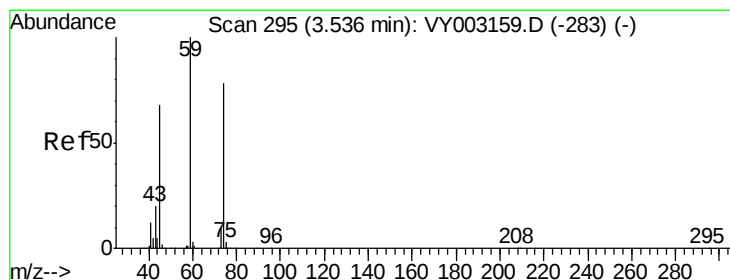
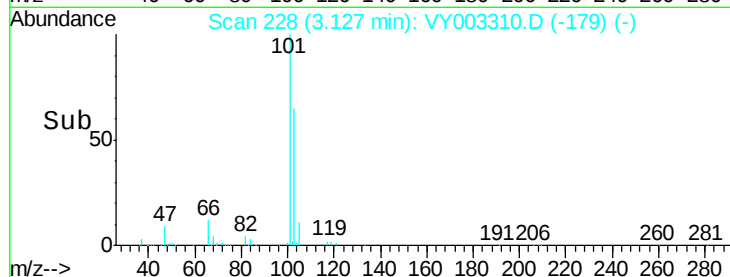
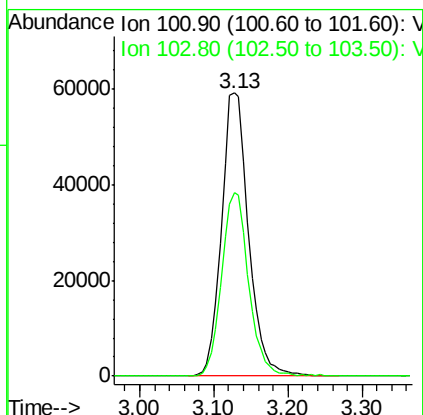
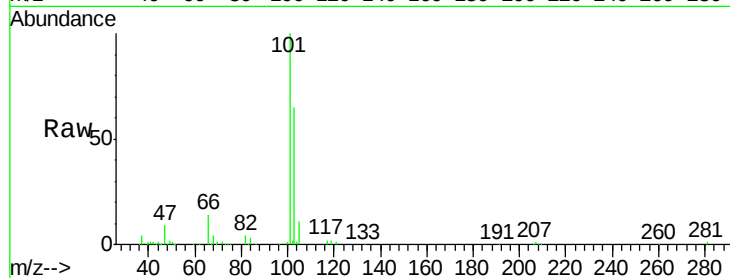


#7

Trichlorofluoromethane
 Concen: 23.132 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

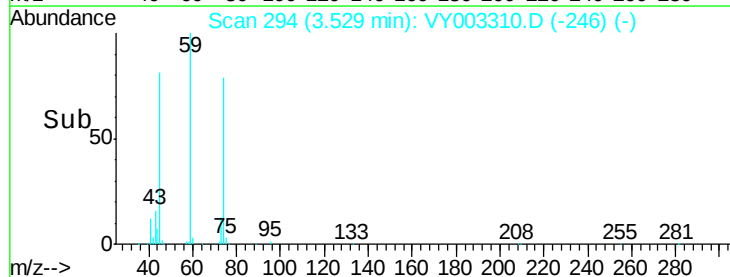
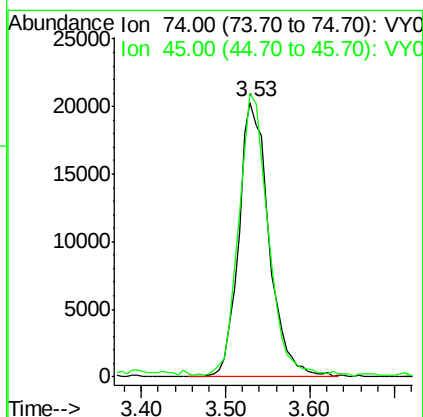
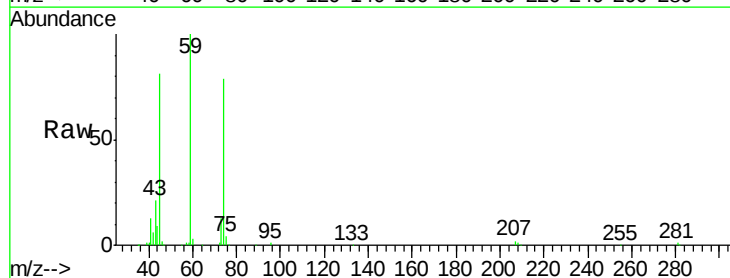
Tot Ion:101 Resp: 149907
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.3 76.9

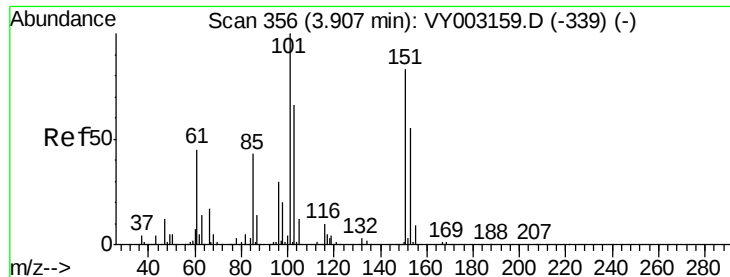


#8

Diethyl Ether
 Concen: 22.542 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion: 74 Resp: 48953
 Ion Ratio Lower Upper
 74 100
 45 98.7 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.771 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

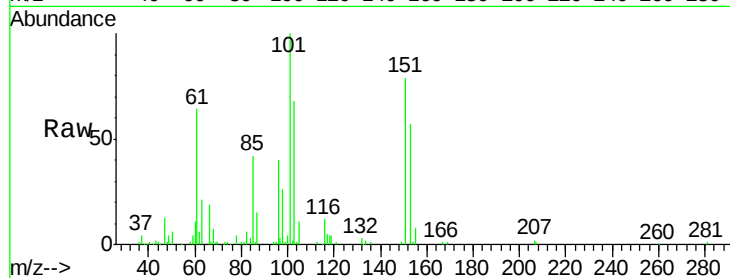
Tot Ion:101 Resp: 85209

Ion Ratio Lower Upper

101 100

85 44.6 34.9 52.3

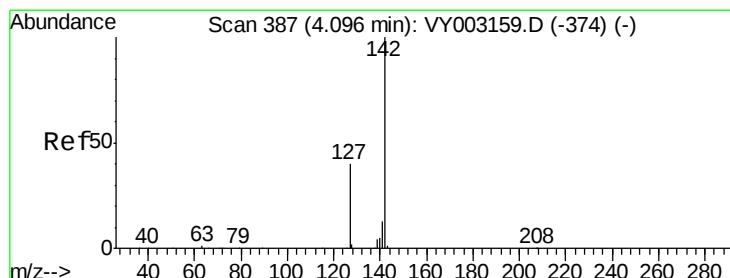
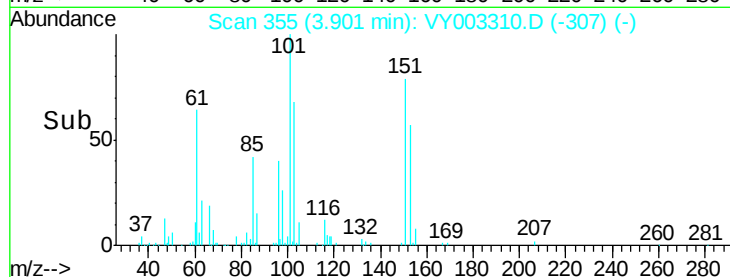
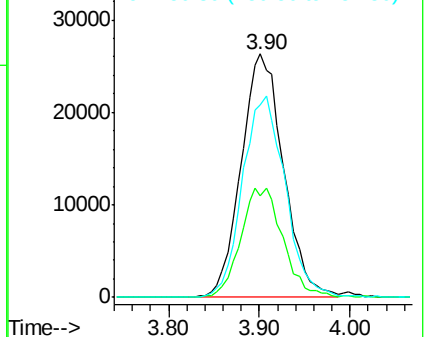
151 83.8 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.356 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

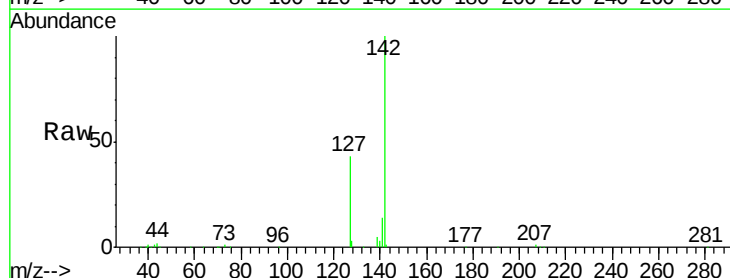
Tgt Ion:142 Resp: 86558

Ion Ratio Lower Upper

142 100

127 44.1 33.5 50.3

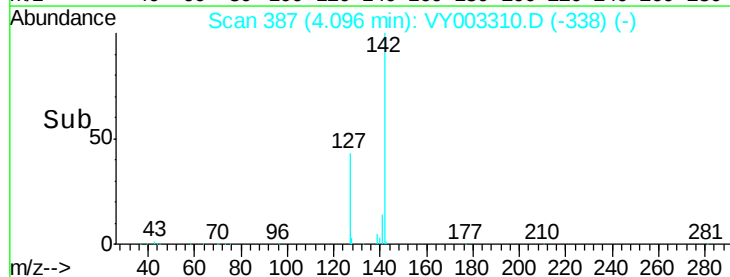
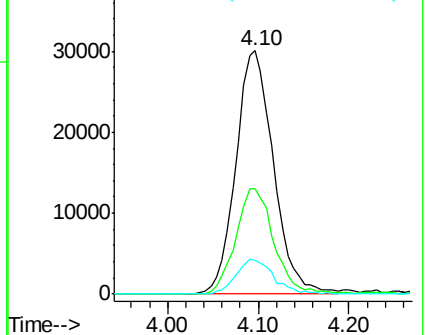
141 14.3 11.2 16.8

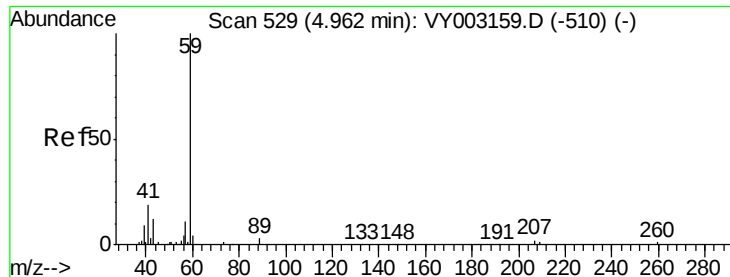


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



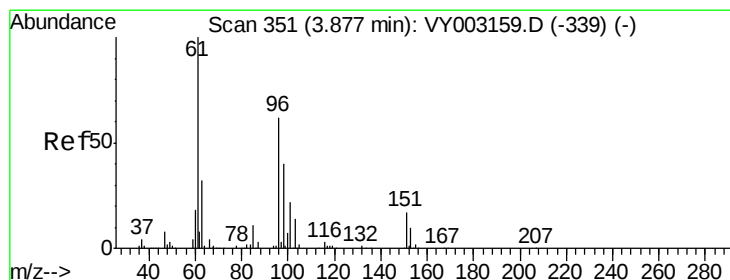
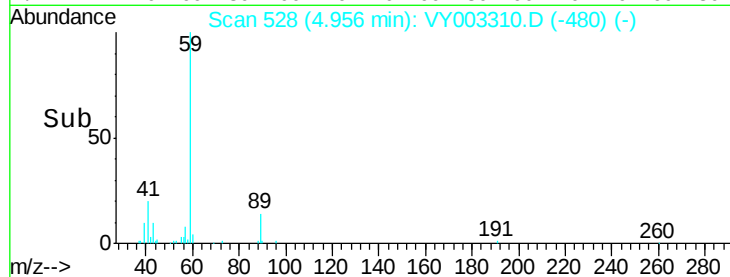
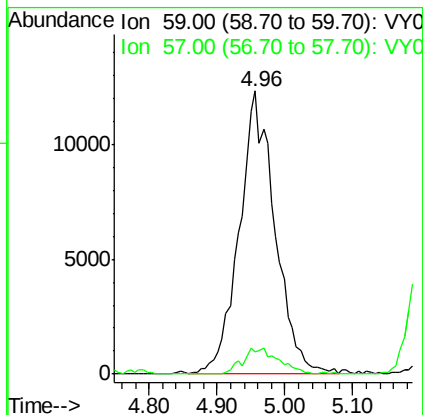
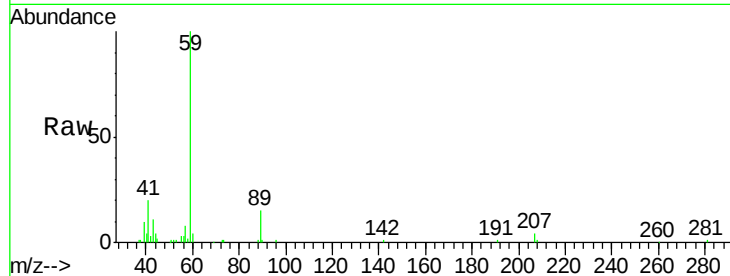


#11

Tert butyl alcohol
 Concen: 111.098 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

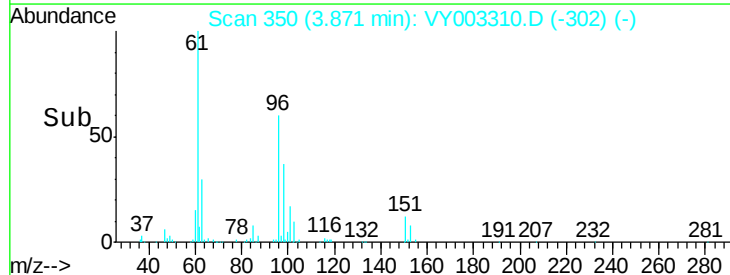
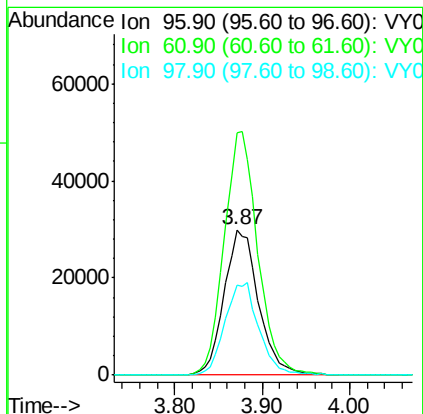
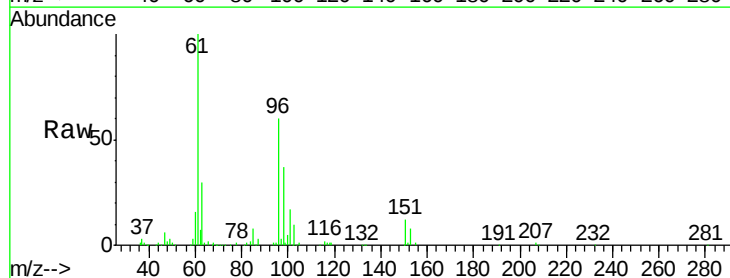
Tot Ion: 59 Resp: 45109
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.4 12.6

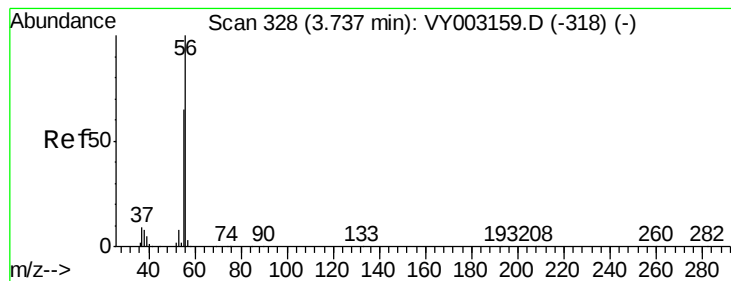


#12

1,1-Dichloroethene
 Concen: 22.169 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion: 96 Resp: 82071
 Ion Ratio Lower Upper
 96 100
 61 166.7 128.6 193.0
 98 61.9 51.6 77.4





#13

Acrolein

Concen: 76.553 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

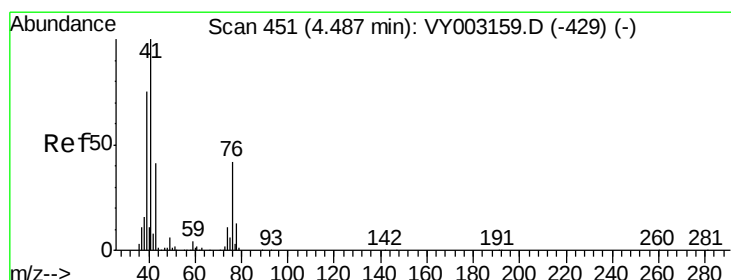
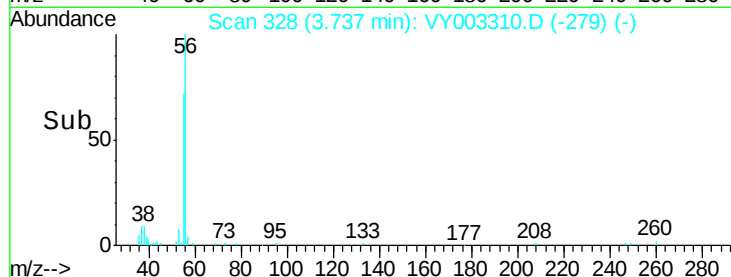
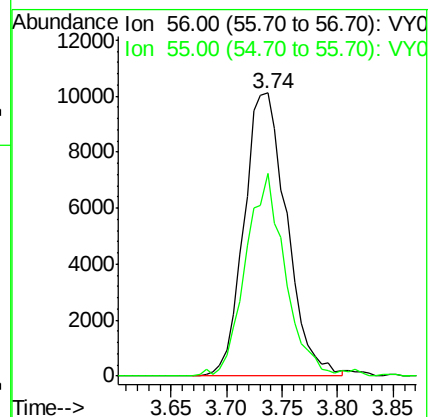
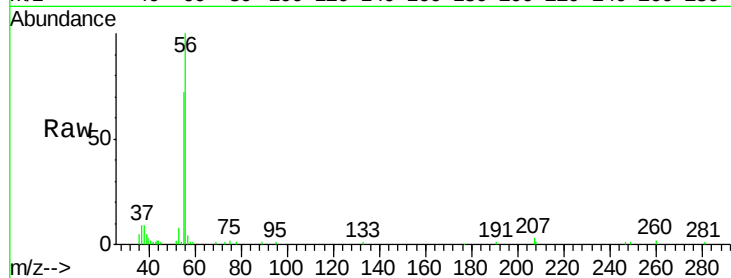
VY0723SBS01

Tot Ion: 56 Resp: 26979

Ion Ratio Lower Upper

56 100

55 65.8 56.0 84.0



#14

Allyl chloride

Concen: 24.463 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

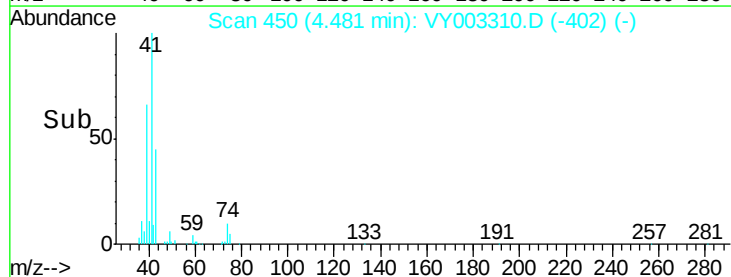
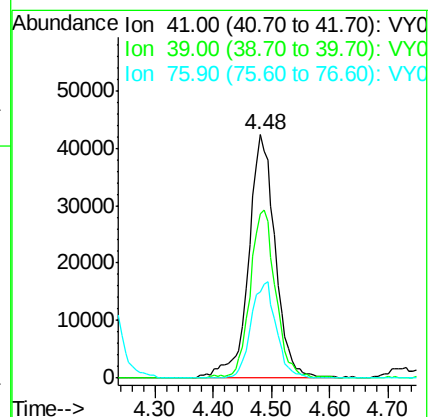
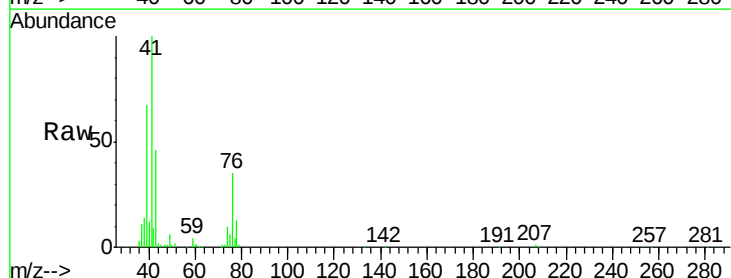
Tgt Ion: 41 Resp: 134382

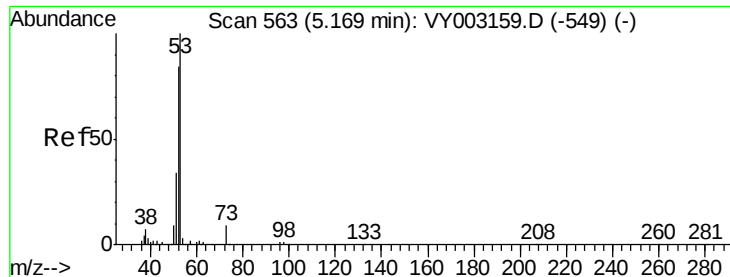
Ion Ratio Lower Upper

41 100

39 65.1 56.6 85.0

76 37.5 31.6 47.4





#15

Acrylonitrile

Concen: 117.710 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

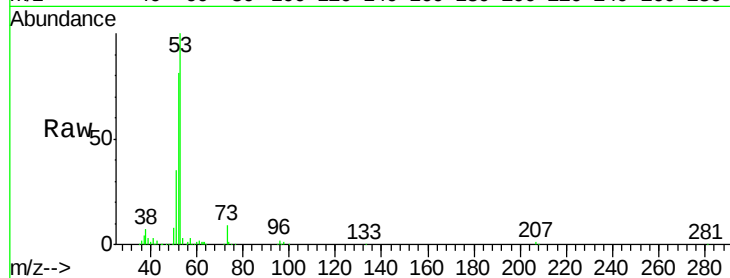
MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 53 Resp: 122790

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.8	98.6
51	36.3	29.0	43.4

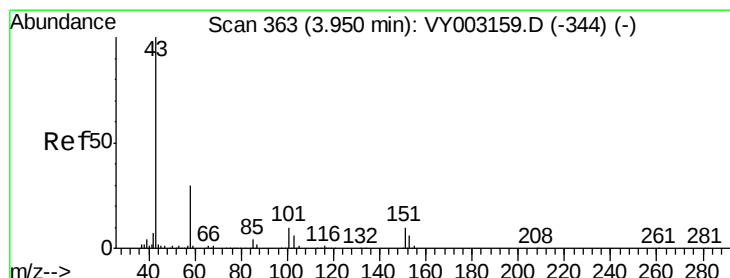
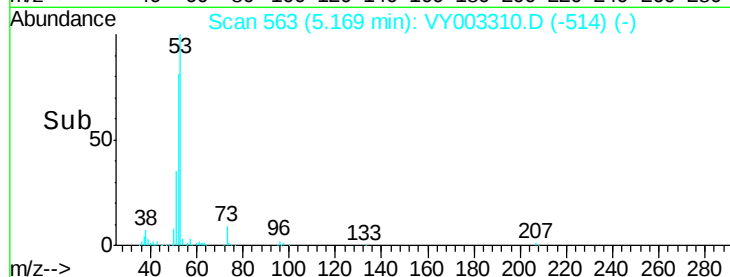
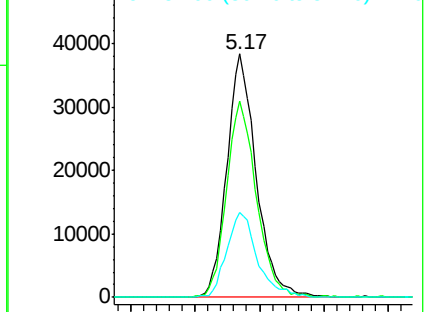


Abundance

Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 116.784 ug/l

RT: 3.95 min Scan# 363

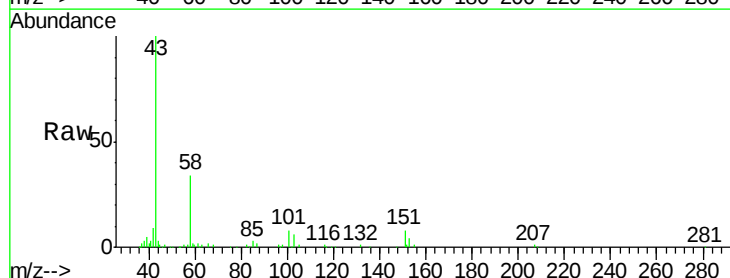
Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion: 43 Resp: 97952

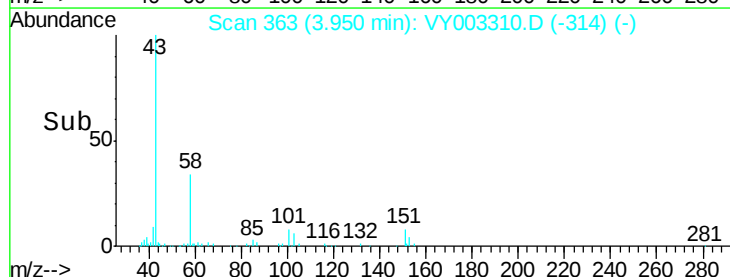
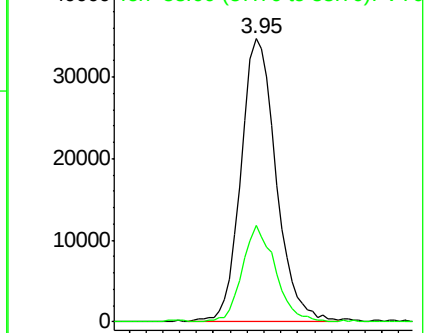
Ion	Ratio	Lower	Upper
43	100		
58	33.9	23.8	35.6

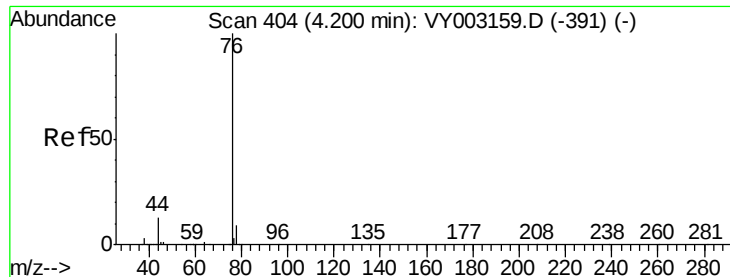


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 22.322 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

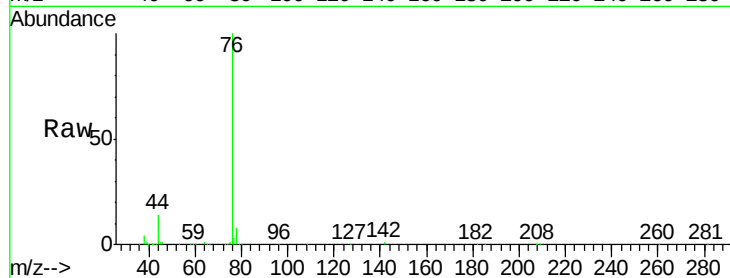
VY0723SBS01

Tot Ion: 76 Resp: 253573

Ion Ratio Lower Upper

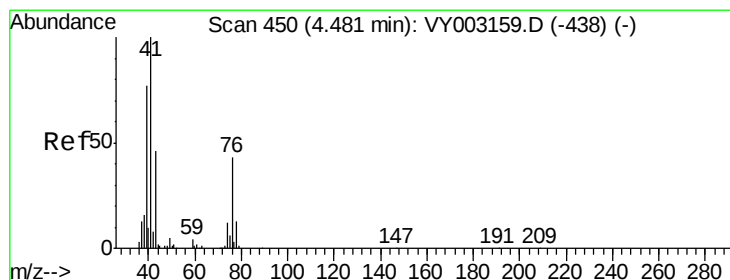
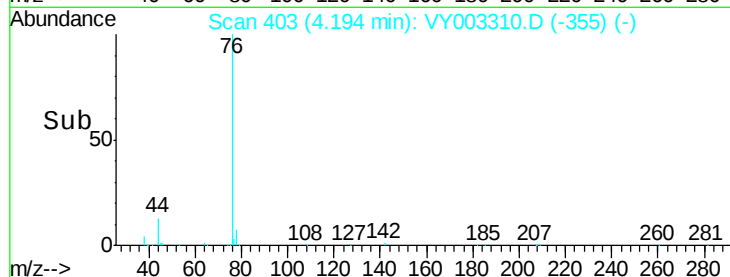
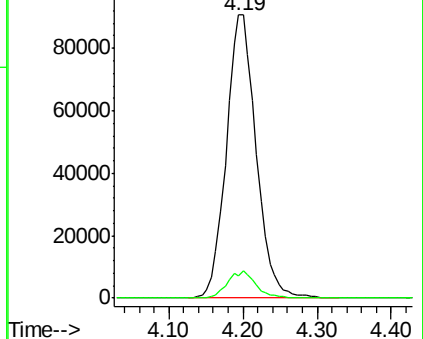
76 100

78 8.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.283 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003310.D

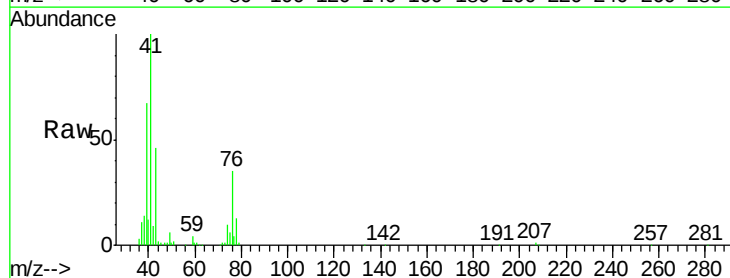
Acq: 23 Jul 2020 12:33

Tgt Ion: 43 Resp: 58892

Ion Ratio Lower Upper

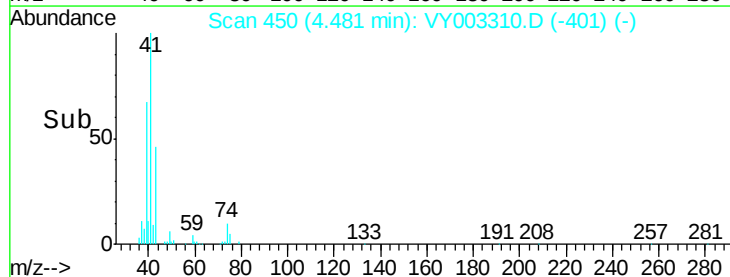
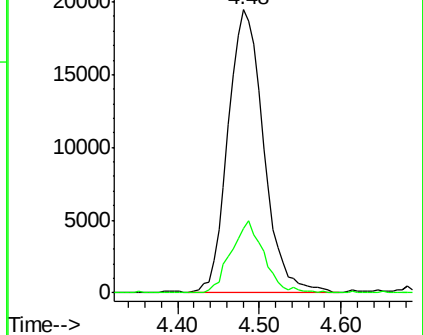
43 100

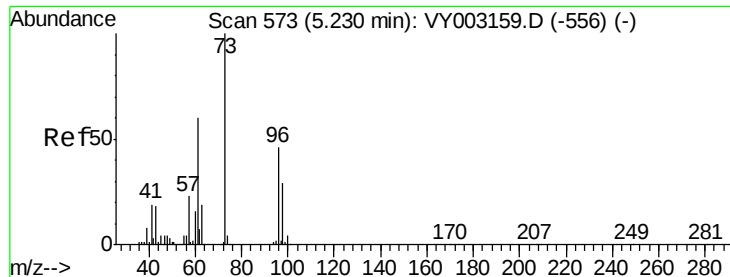
74 23.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



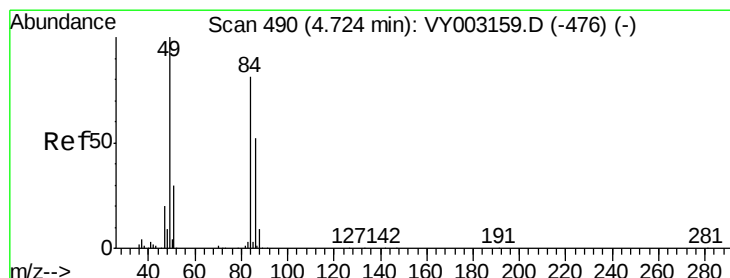
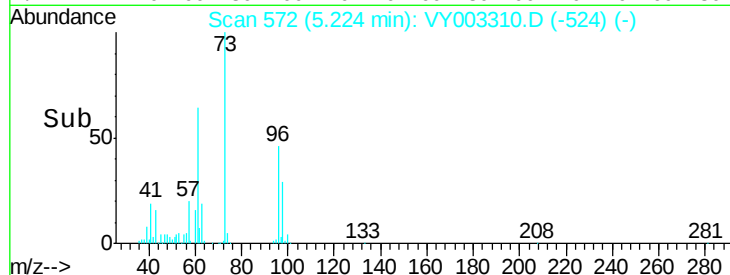
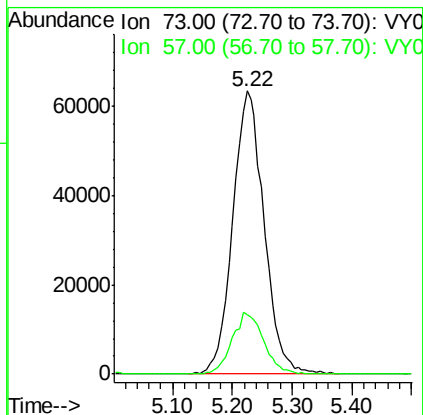
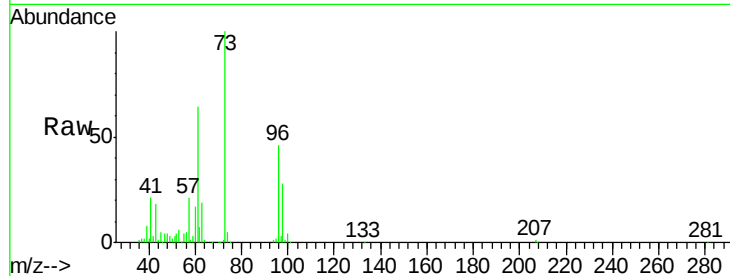


#19

Methvl tert-butvl Ether
 Concen: 22.213 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

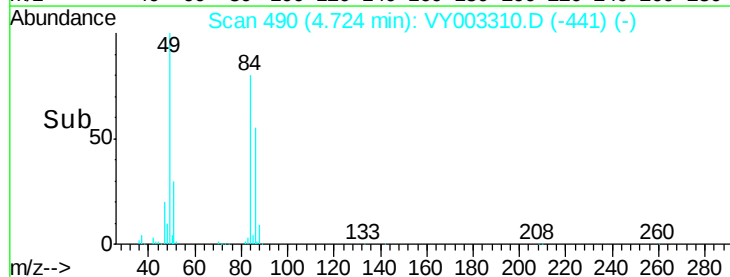
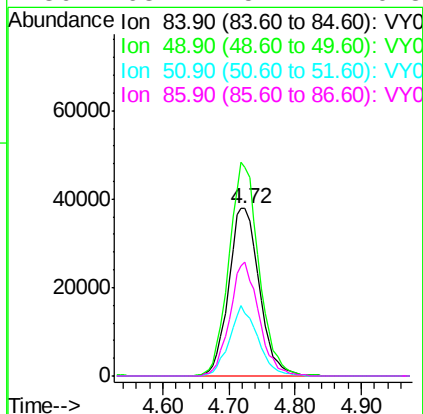
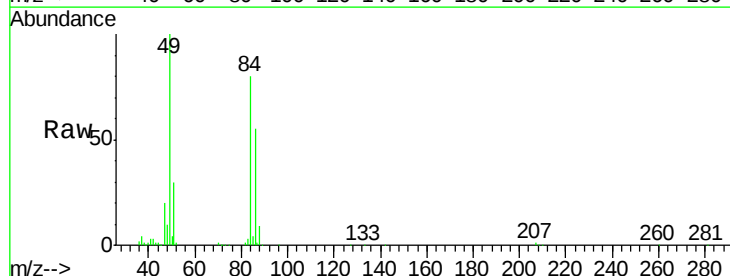
Tot Ion: 73 Resp: 230442
 Ion Ratio Lower Upper
 73 100
 57 20.8 18.1 27.1

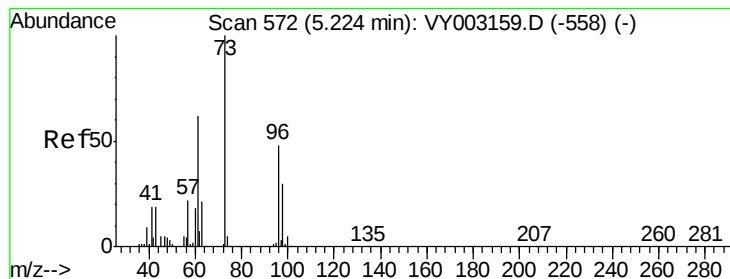


#20

Methylene Chloride
 Concen: 26.342 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion: 84 Resp: 122139
 Ion Ratio Lower Upper
 84 100
 49 124.7 98.2 147.4
 51 37.3 29.8 44.6
 86 68.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 22.082 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

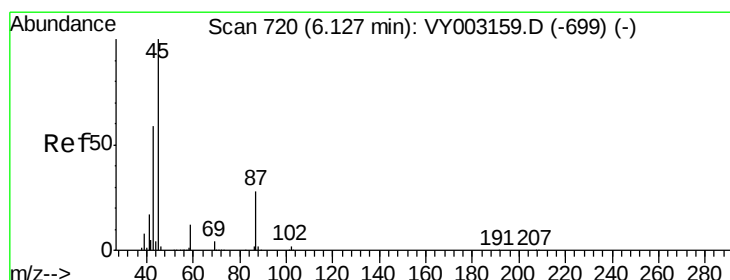
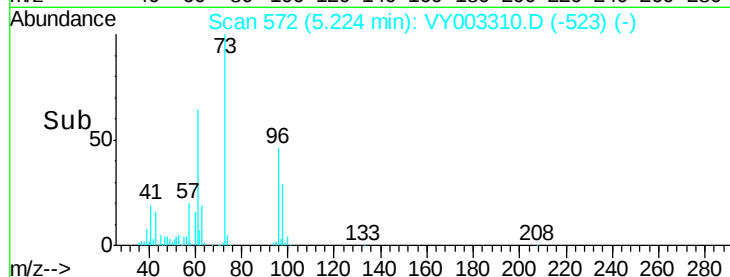
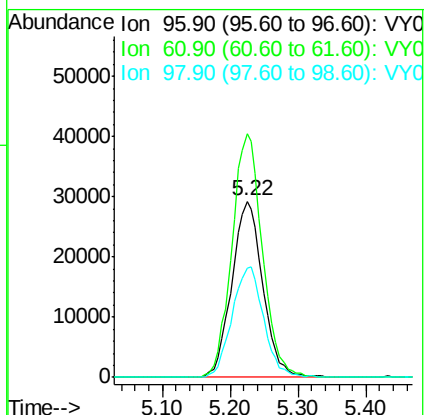
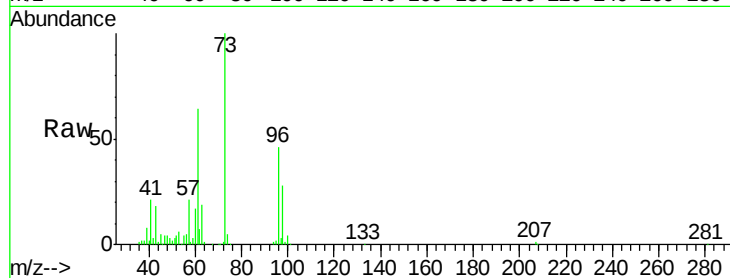
Tot Ion: 96 Resp: 92461

Ion Ratio Lower Upper

96 100

61 138.4 102.5 153.7

98 61.8 49.8 74.8



#22

Diisopropyl ether

Concen: 24.303 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion: 45 Resp: 296291

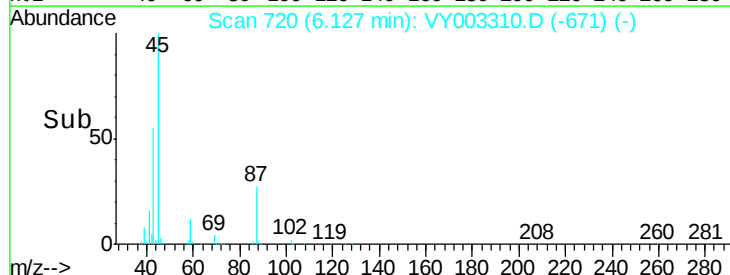
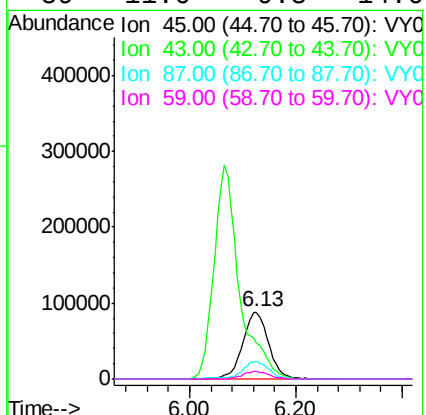
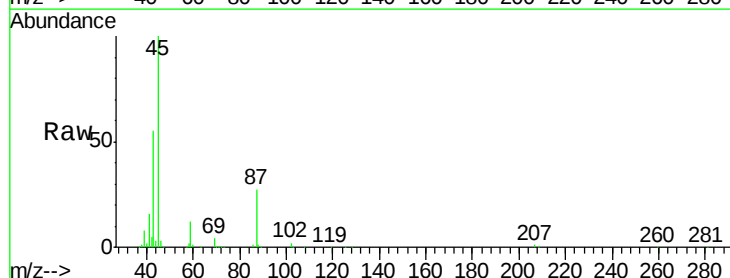
Ion Ratio Lower Upper

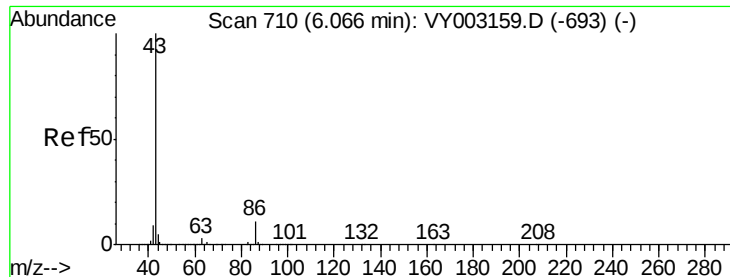
45 100

43 54.5 47.0 70.4

87 26.7 22.6 33.8

59 11.6 9.8 14.6





#23

Vinyl Acetate

Concen: 115.315 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

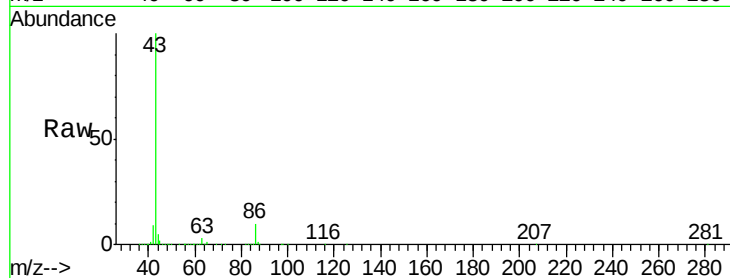
VY0723SBS01

Tot Ion: 43 Resp: 937031

Ion Ratio Lower Upper

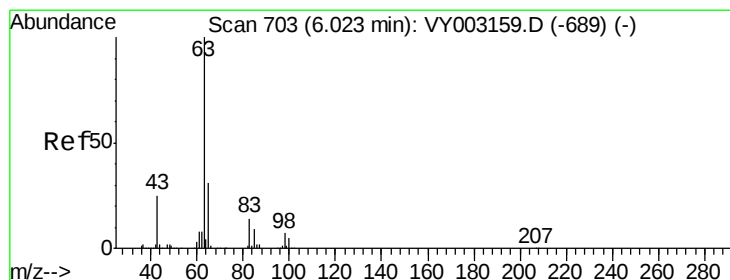
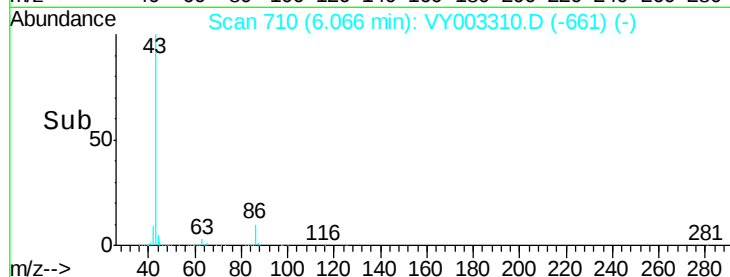
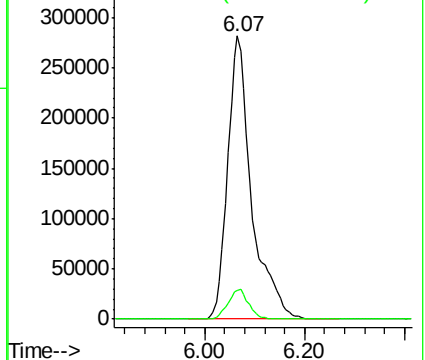
43 100

86 10.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 23.130 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

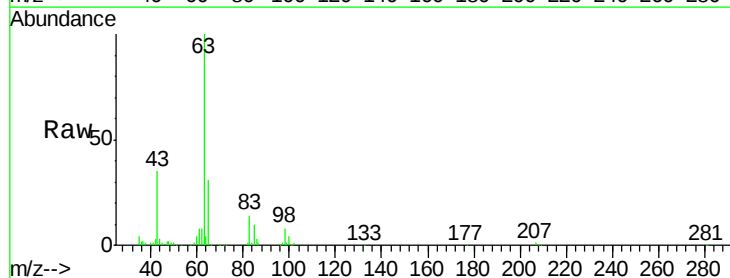
Tgt Ion: 63 Resp: 163370

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

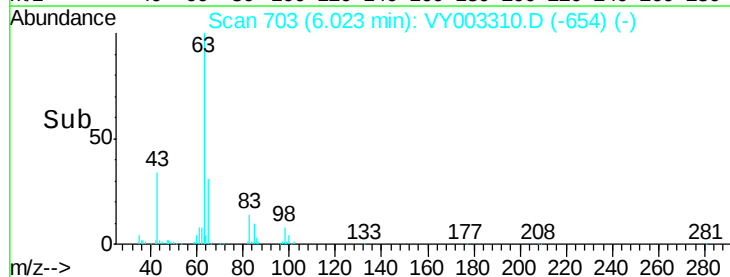
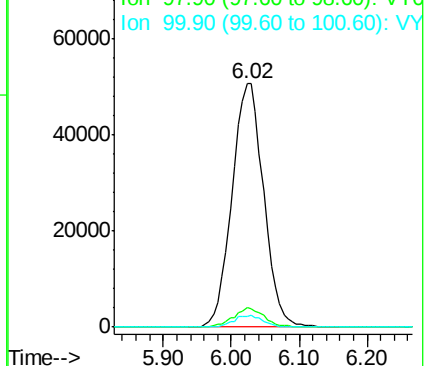
100 4.4 2.4 7.2

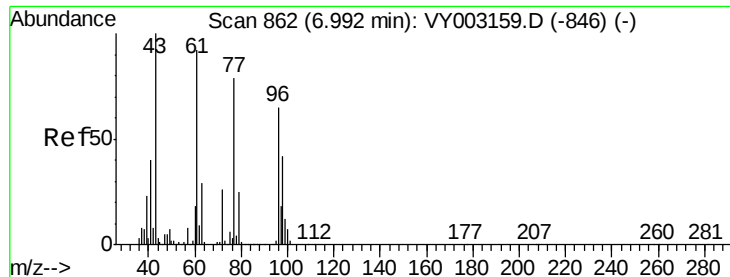


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 114.563 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

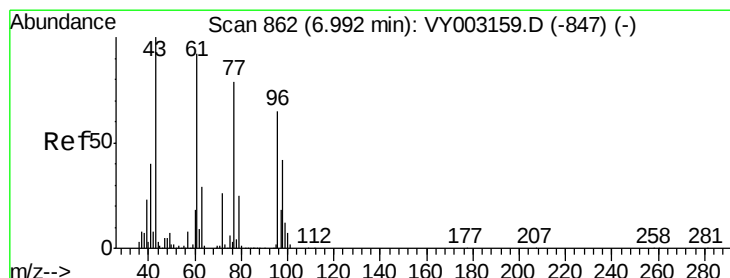
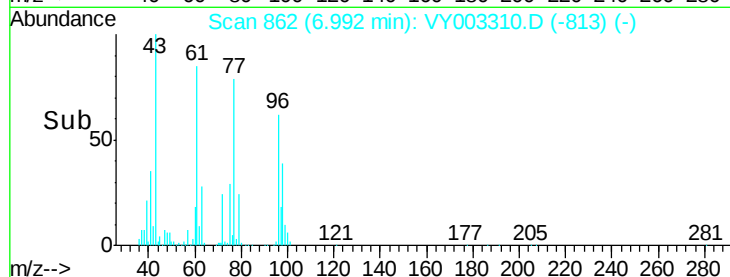
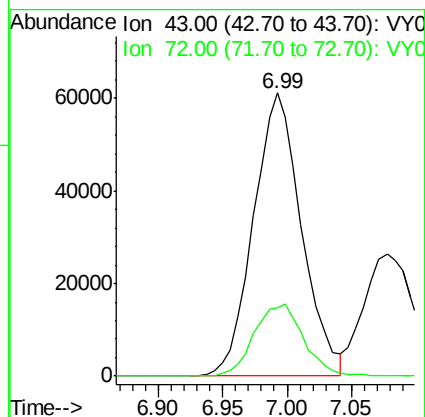
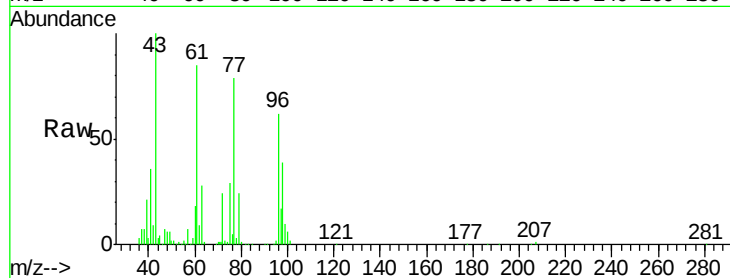
VY0723SBS01

Tot Ion: 43 Resp: 157769

Ion Ratio Lower Upper

43 100

72 24.2 20.9 31.3



#26

2,2-Dichloropropane

Concen: 23.457 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003310.D

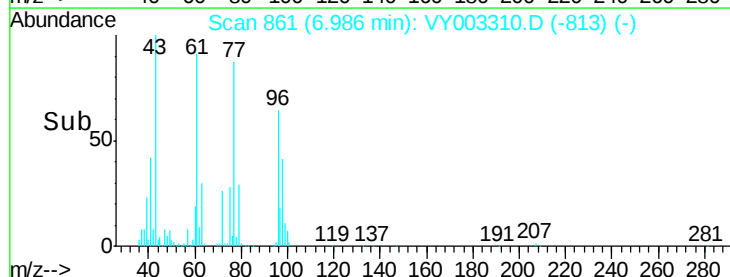
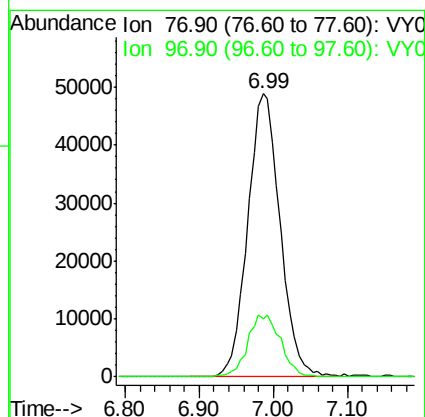
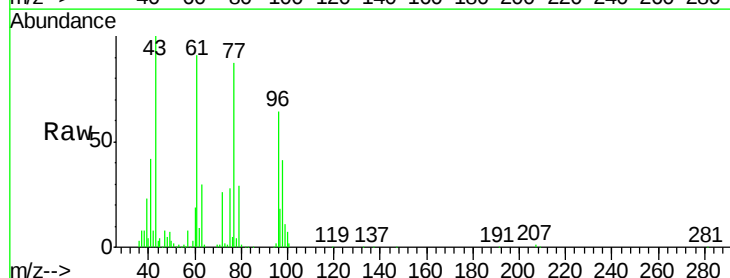
Acq: 23 Jul 2020 12:33

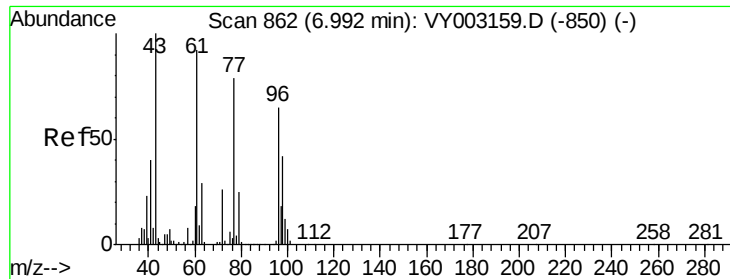
Tgt Ion: 77 Resp: 149206

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.7



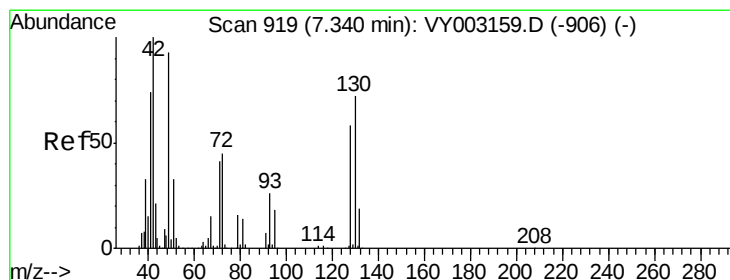
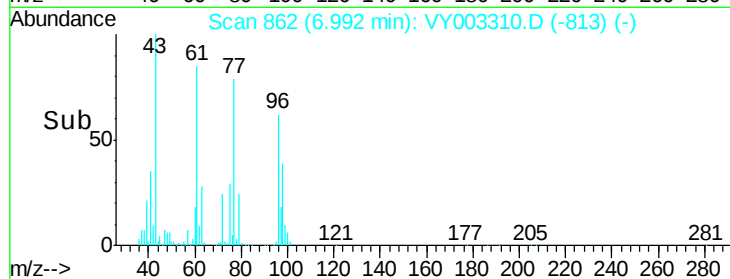
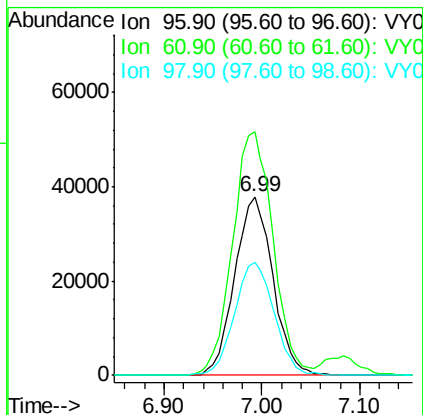
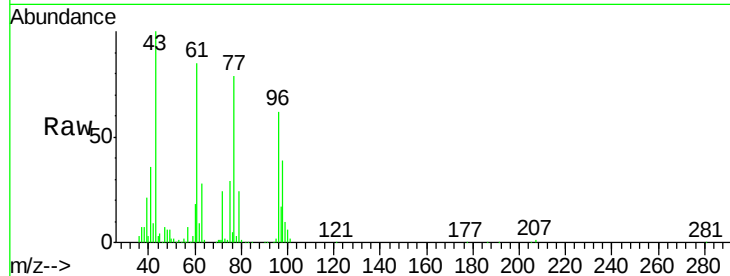


#27

cis-1,2-Dichloroethene
 Concen: 22.298 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

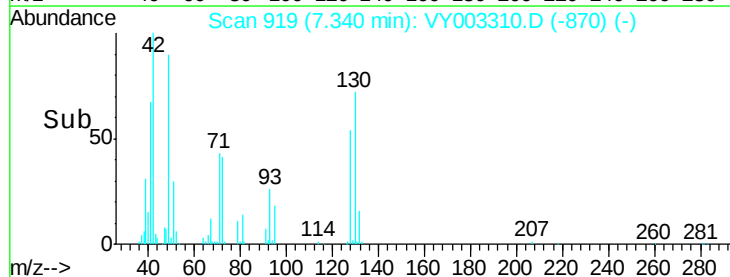
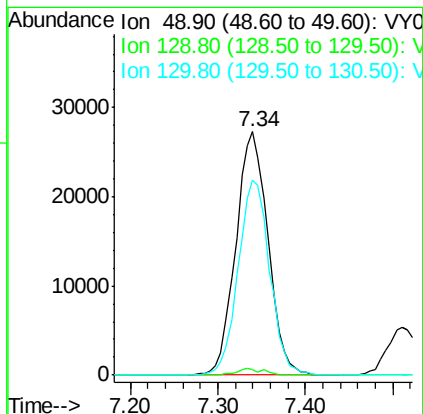
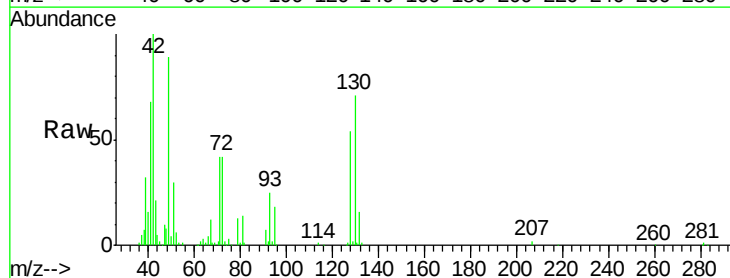
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	281.2
98	65.4	0.0	129.8

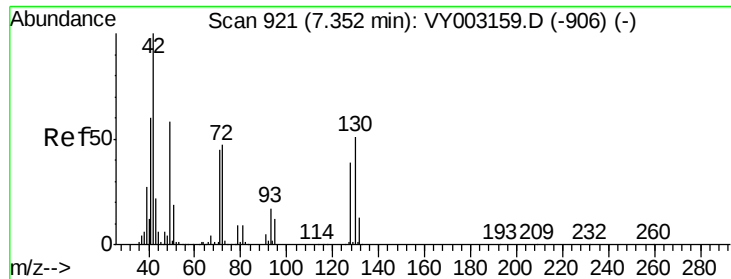


#28

Bromochloromethane
 Concen: 22.766 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	78.6	64.9	97.3

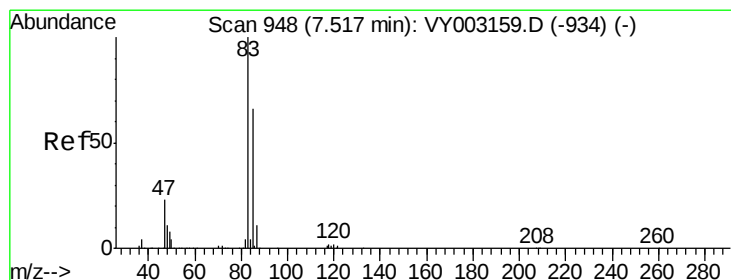
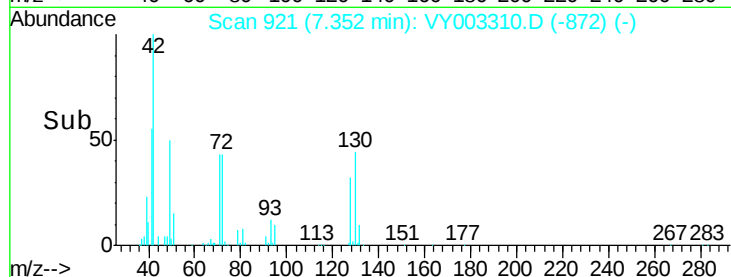
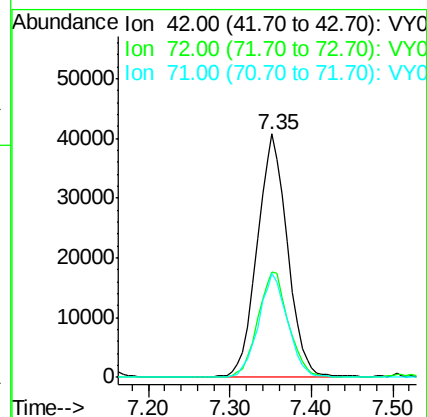
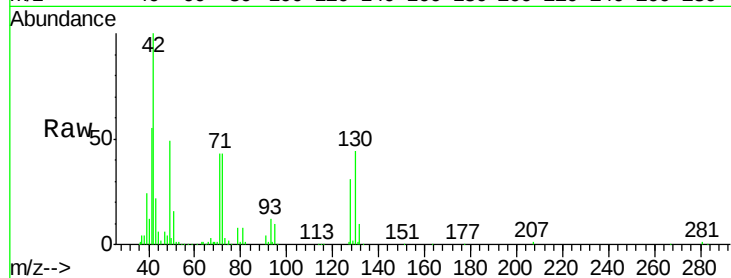




#29
Tetrahydrofuran
Concen: 114.372 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

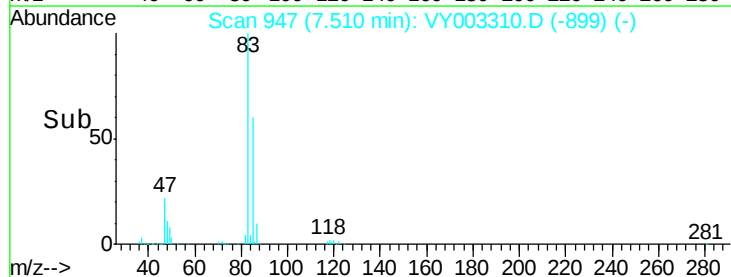
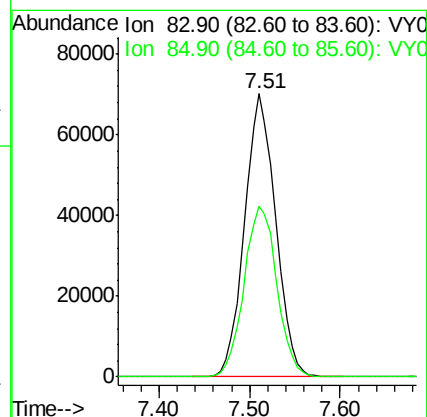
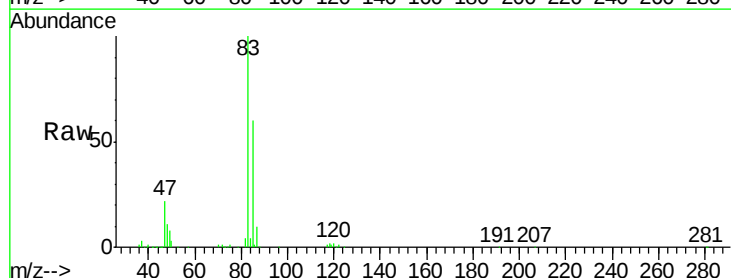
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

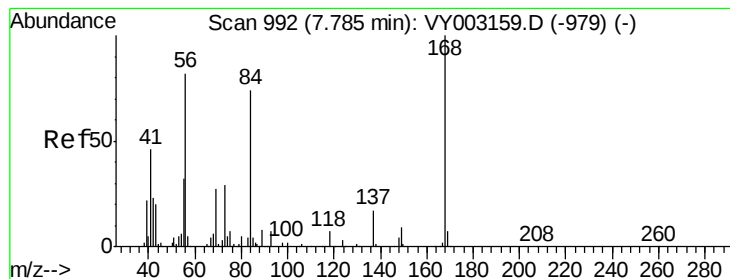
Tot Ion: 42 Resp: 105810
Ion Ratio Lower Upper
42 100
72 43.6 36.7 55.1
71 40.8 34.2 51.4



#30
Chloroform
Concen: 22.907 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 83 Resp: 166636
Ion Ratio Lower Upper
83 100
85 60.3 52.6 78.8





#31

Cyclohexane

Concen: 22.797 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

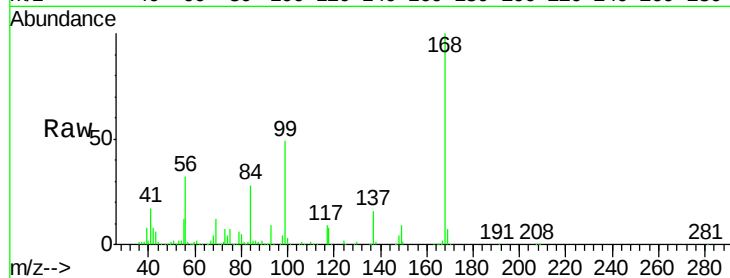
Tot Ion: 56 Resp: 155703

Ion Ratio Lower Upper

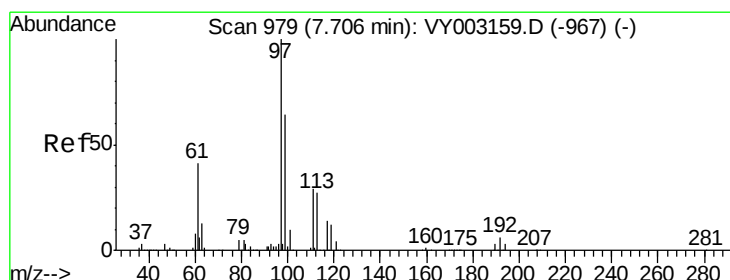
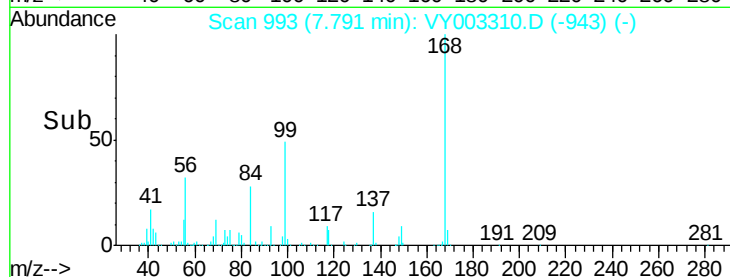
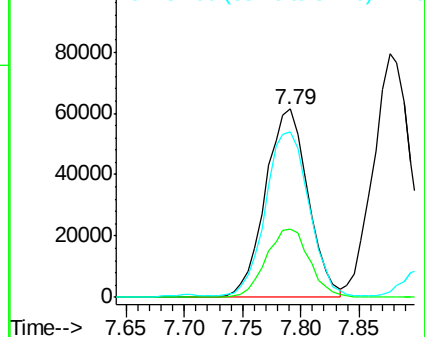
56 100

69 36.5 26.7 40.1

84 86.3 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 22.669 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

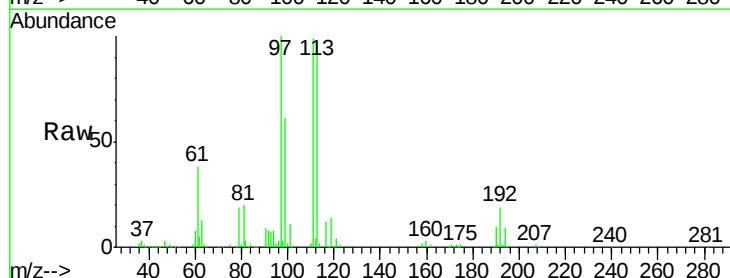
Tgt Ion: 97 Resp: 148459

Ion Ratio Lower Upper

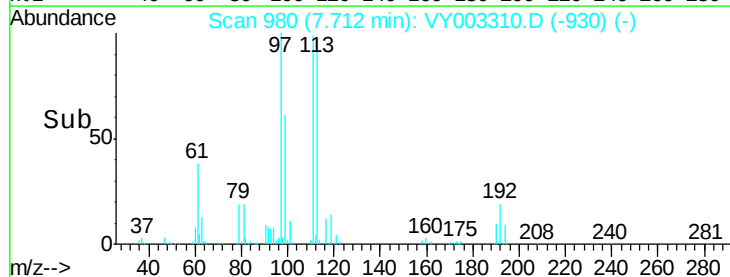
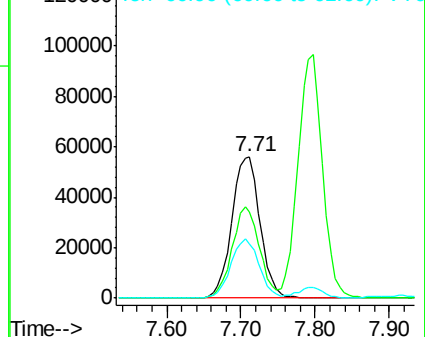
97 100

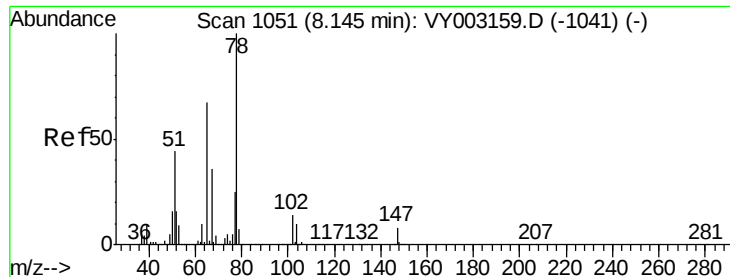
99 62.5 52.1 78.1

61 42.0 33.9 50.9



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: 47.989 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

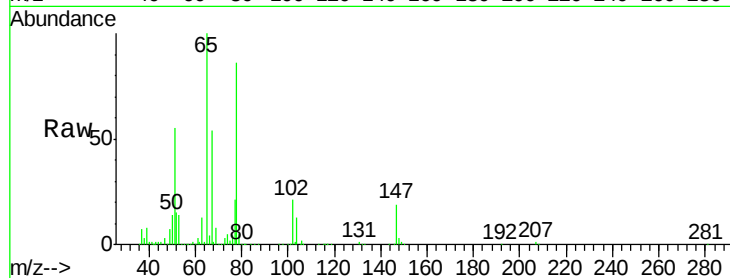
VY0723SBS01

Tot Ion: 65 Resp: 180196

Ion Ratio Lower Upper

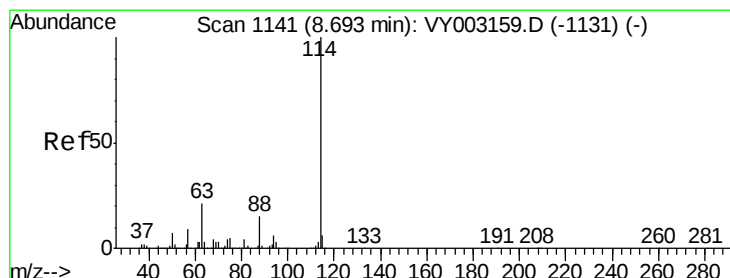
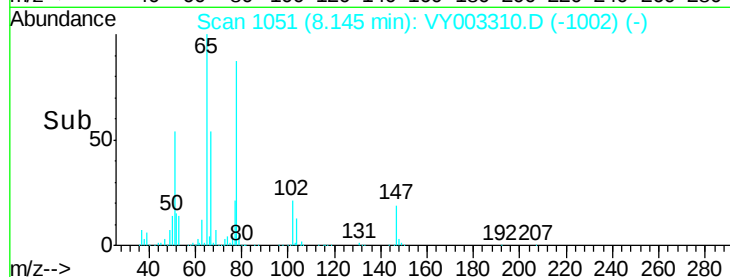
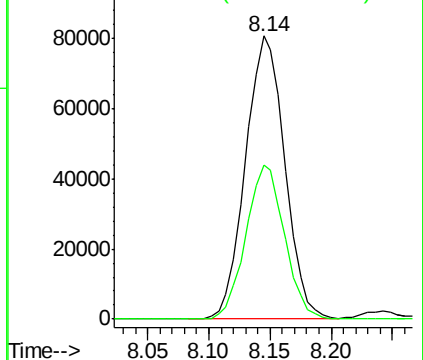
65 100

67 53.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

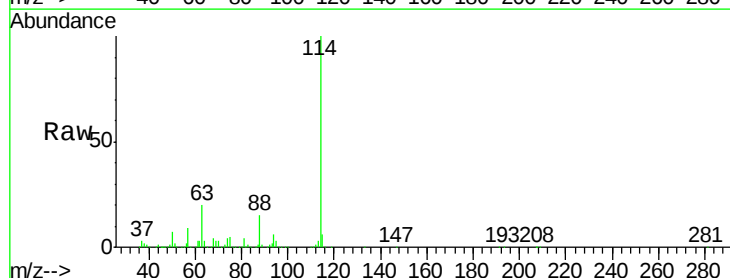
Tgt Ion: 114 Resp: 654645

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.2

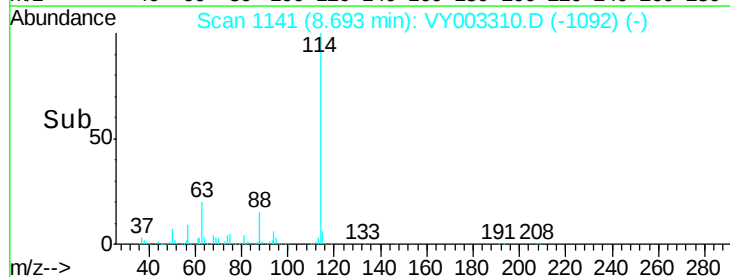
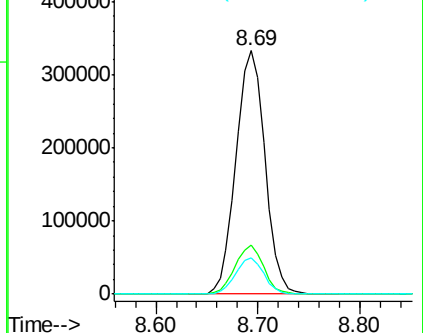
88 15.0 0.0 30.2

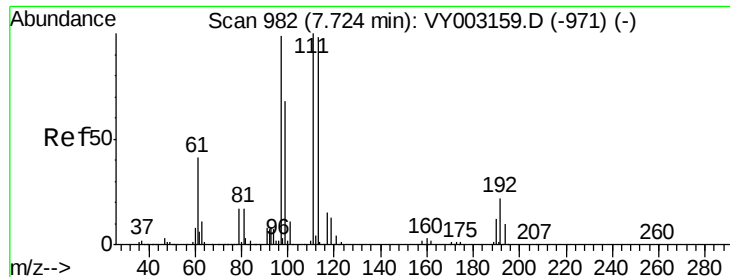


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

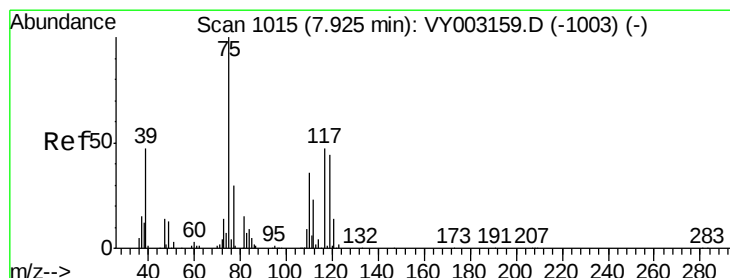
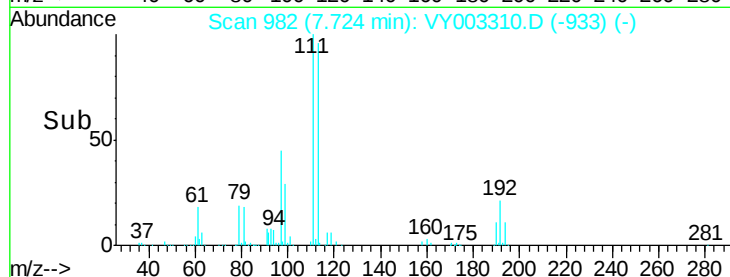
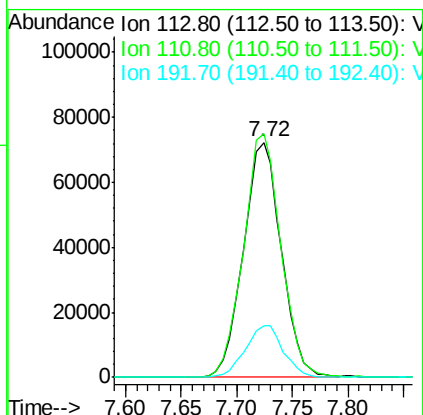
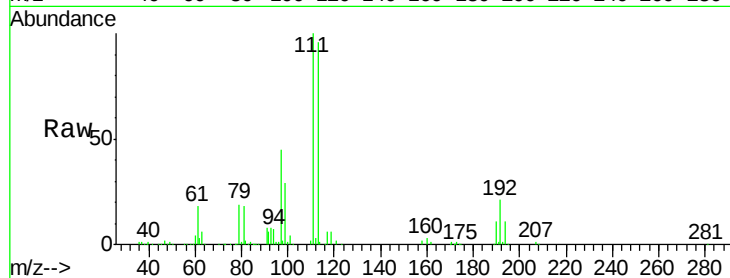




#35
Dibromofluoromethane
Concen: 45.476 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

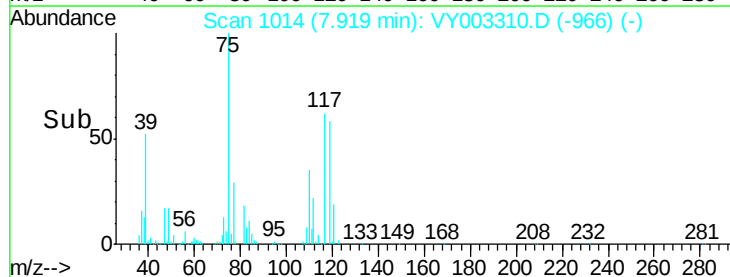
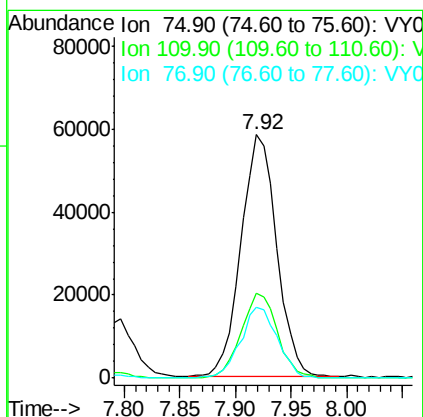
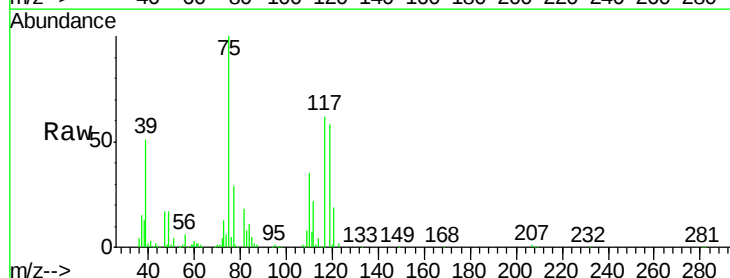
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

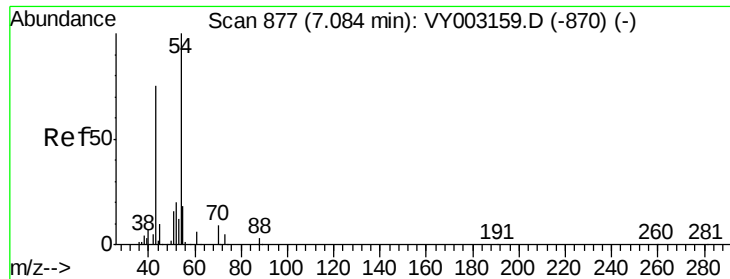
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	22.1	18.8	28.2



#36
1,1-Dichloropropene
Concen: 21.999 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	18.1	54.1
77	30.4	24.8	37.2

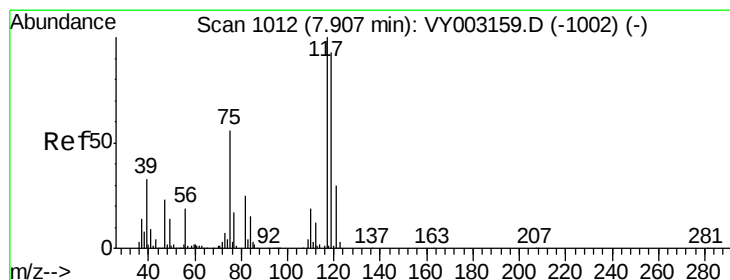
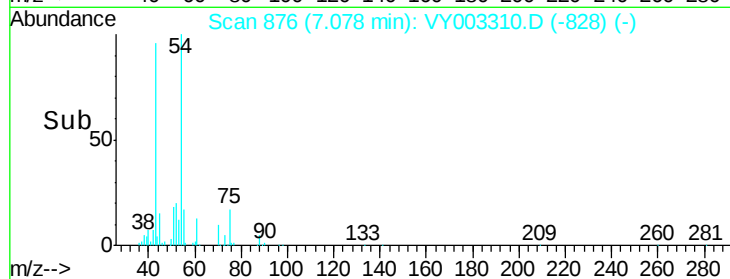
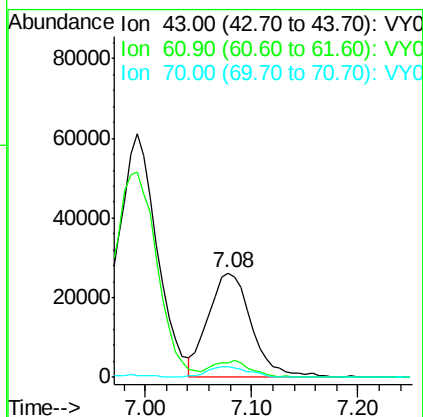
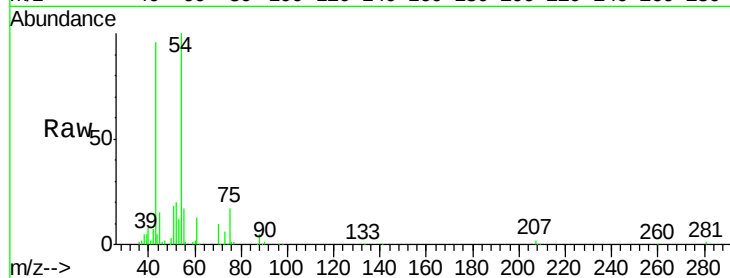




#37
Ethyl Acetate
Concen: 22.875 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

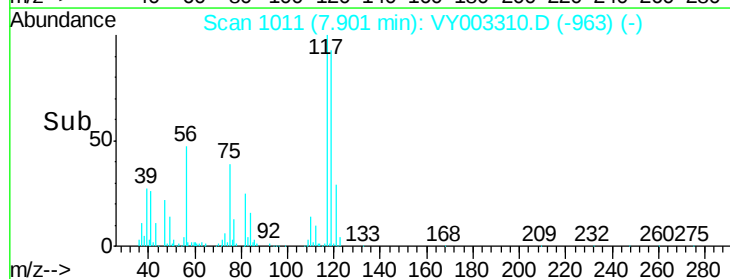
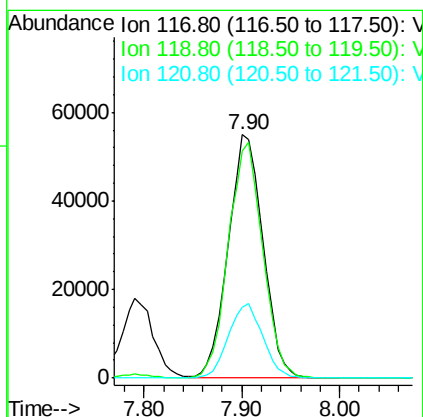
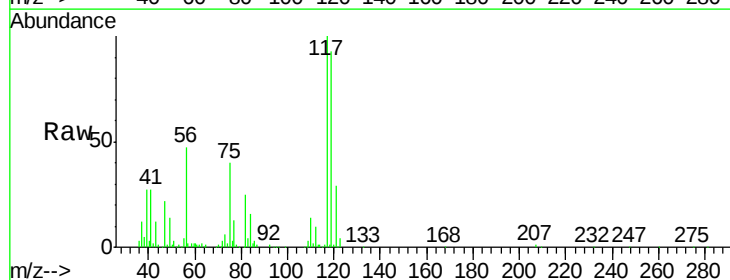
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

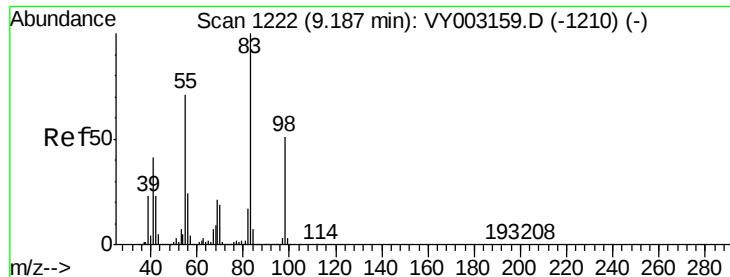
Tot Ion: 43 Resp: 73091
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 10.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 22.152 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 117 Resp: 135688
Ion Ratio Lower Upper
117 100
119 93.0 74.5 111.7
121 29.1 24.2 36.2

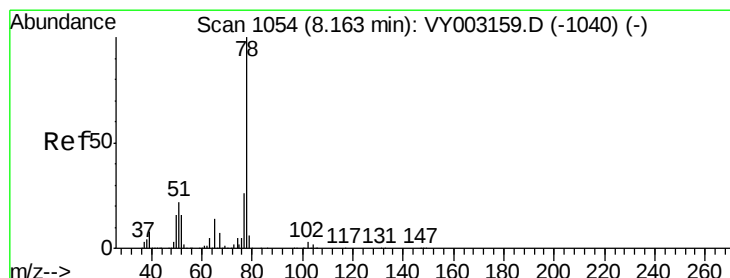
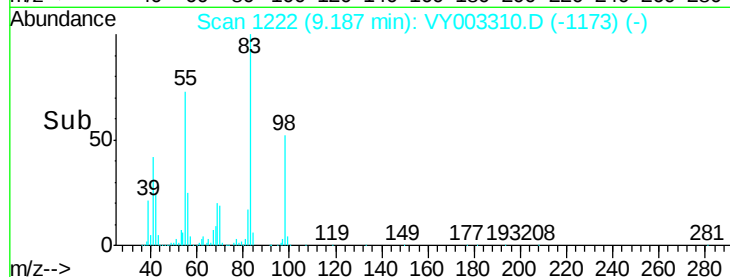
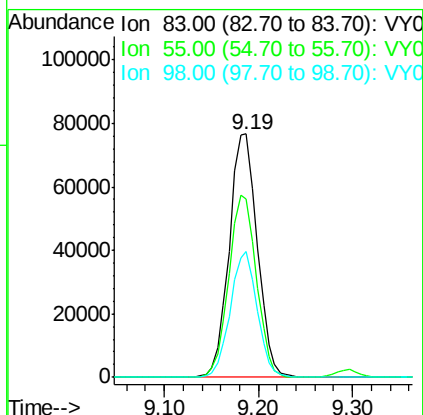
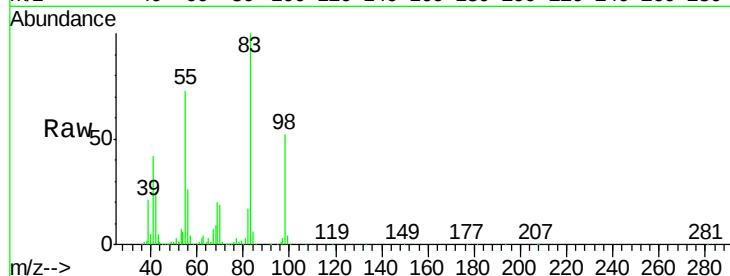




#39
Methvlcvclohexane
Concen: 21.361 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

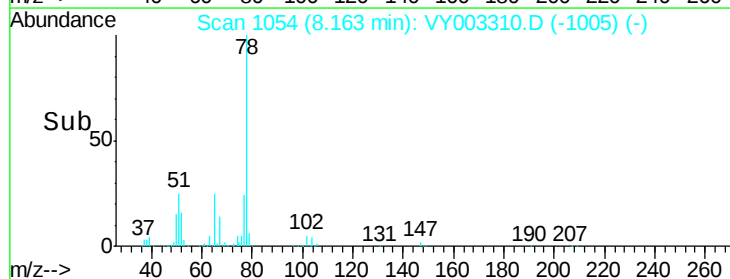
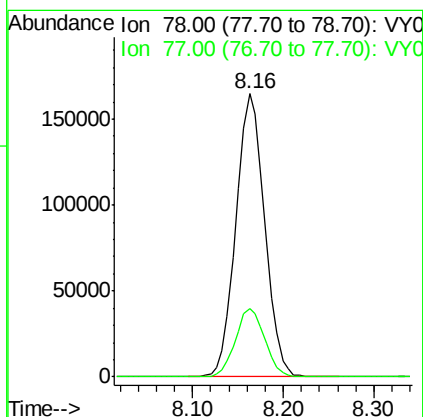
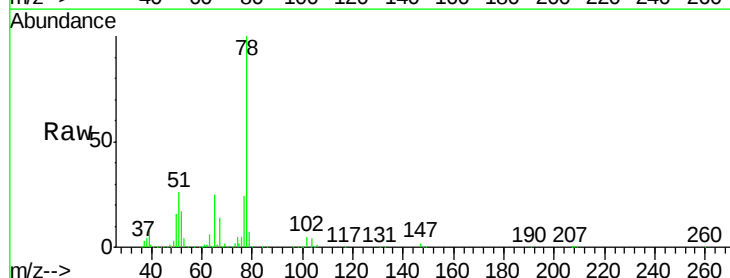
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

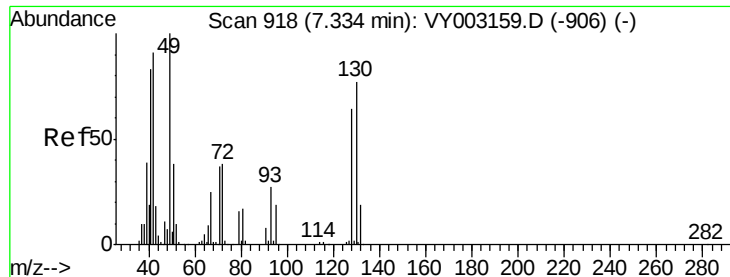
Tot Ion: 83 Resp: 159213
Ion Ratio Lower Upper
83 100
55 73.3 57.2 85.8
98 51.9 41.0 61.6



#40
Benzene
Concen: 22.148 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 78 Resp: 361826
Ion Ratio Lower Upper
78 100
77 24.0 20.7 31.1

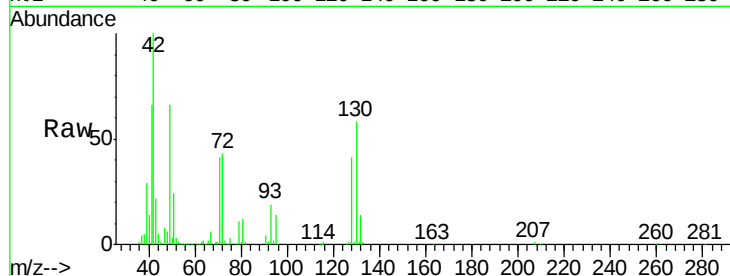




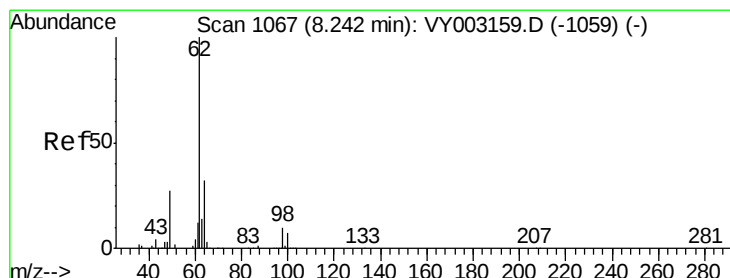
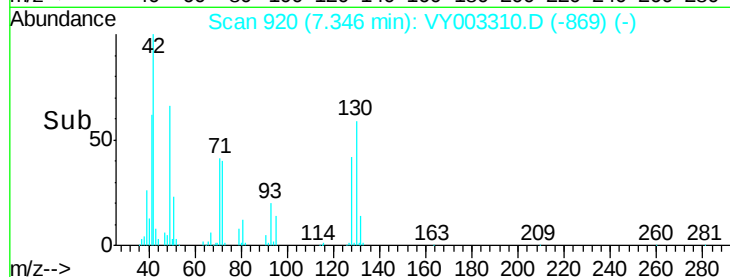
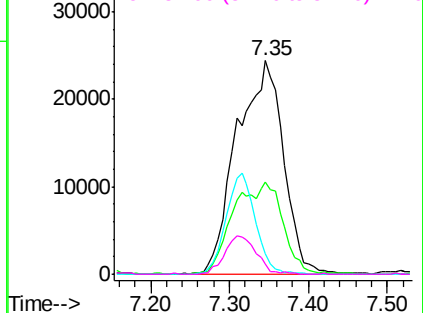
#41
Methacrylonitrile
Concen: 51.843 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion:	41	Resp:	99767
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

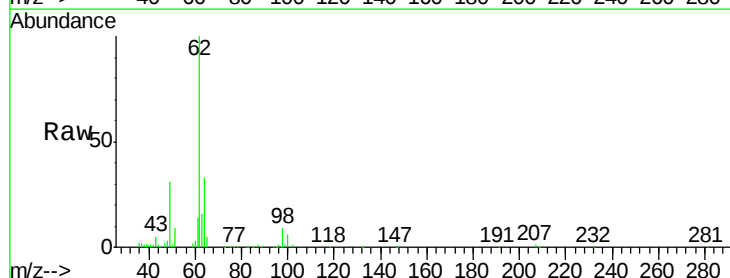


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

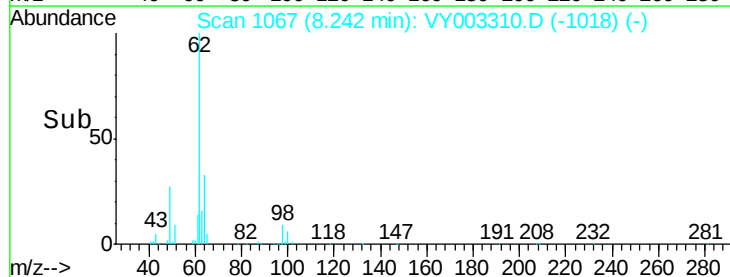
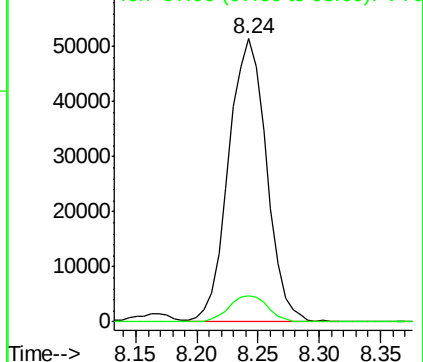


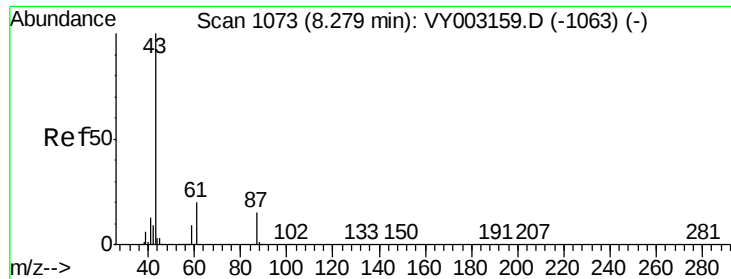
#42
1,2-Dichloroethane
Concen: 22.004 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion:	62	Resp:	110669
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0



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



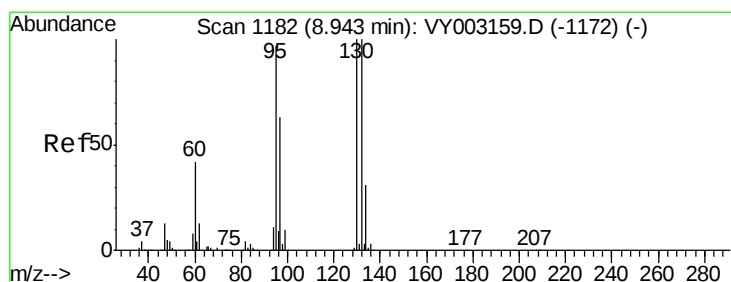
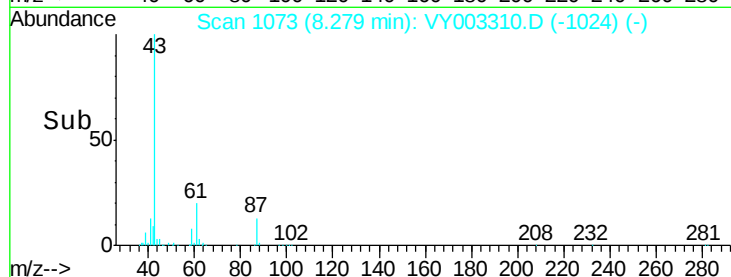
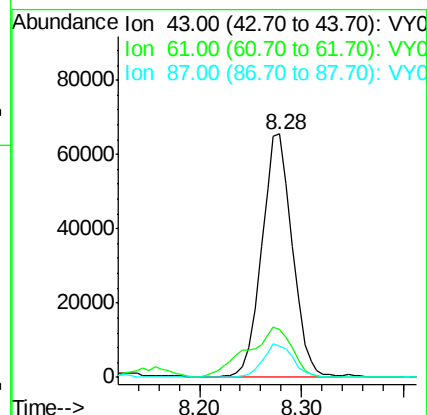
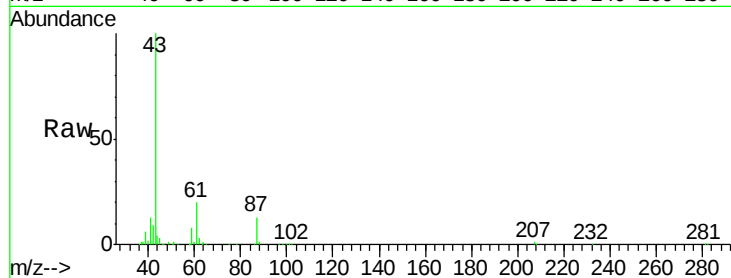


#43

Isopropyl Acetate
 Concen: 21.965 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

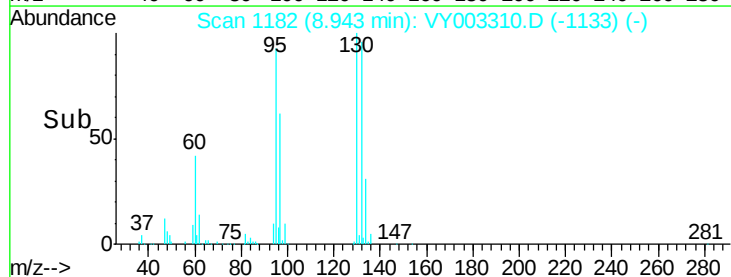
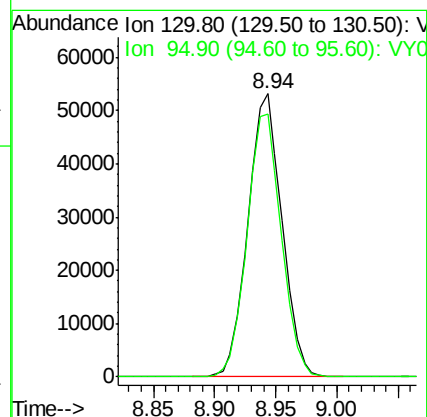
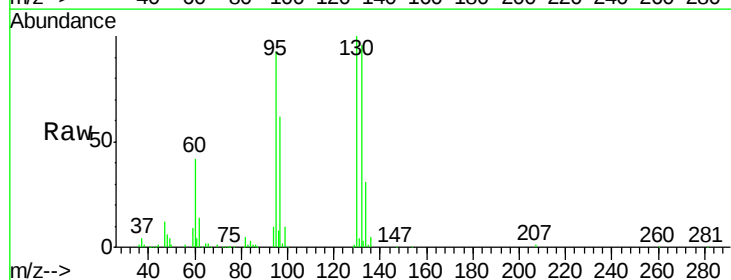
Tot Ion	Ratio	Lower	Upper
43	100		
61	30.3	23.7	35.5
87	13.6	11.4	17.0

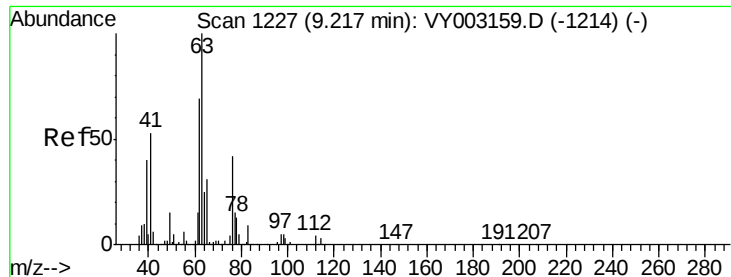


#44

Trichloroethene
 Concen: 20.512 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	193.8

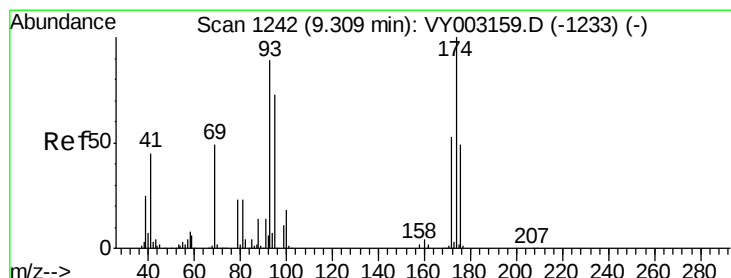
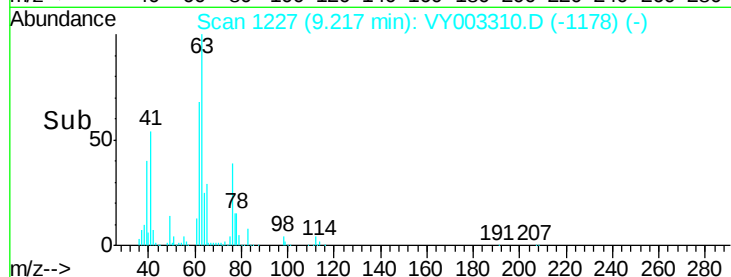
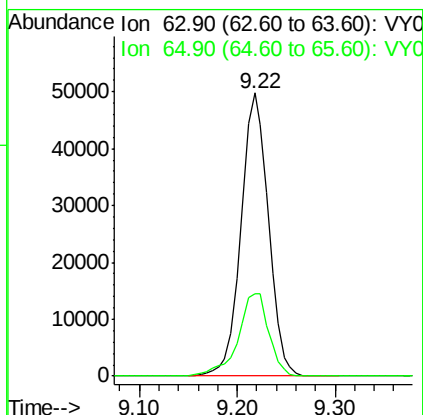
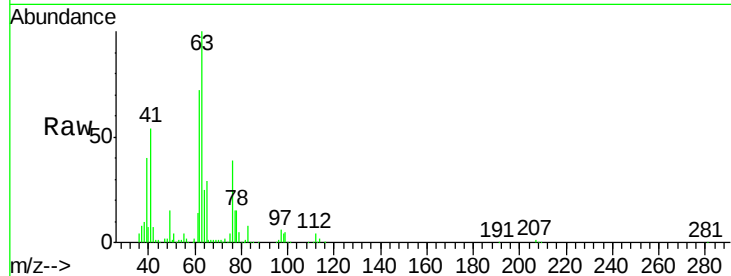




#45
 1,2-Dichloropropane
 Concen: 22.879 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

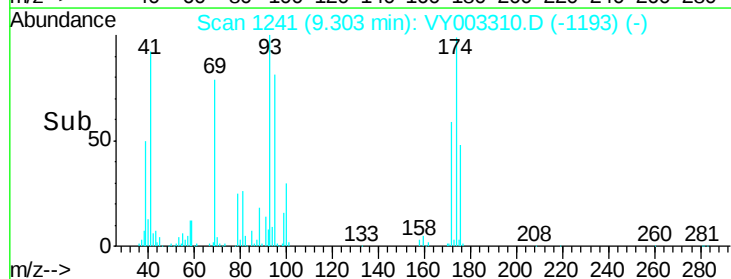
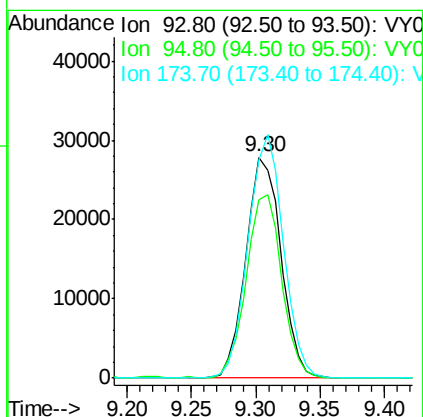
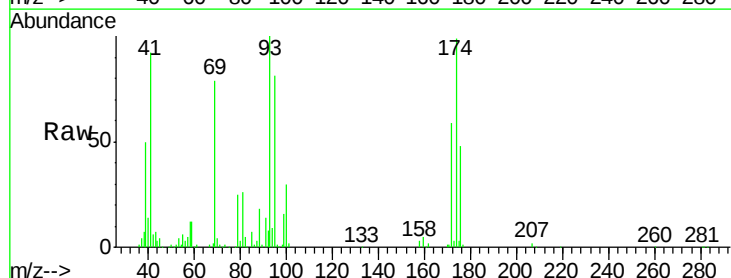
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

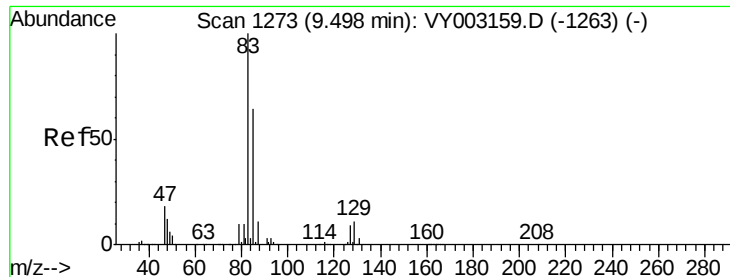
Tot Ion: 63 Resp: 96715
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.0 37.4



#46
 Dibromomethane
 Concen: 21.266 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion: 93 Resp: 52505
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 99.8
 174 110.4 90.2 135.4





#47

Bromodichloromethane

Concen: 22.526 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

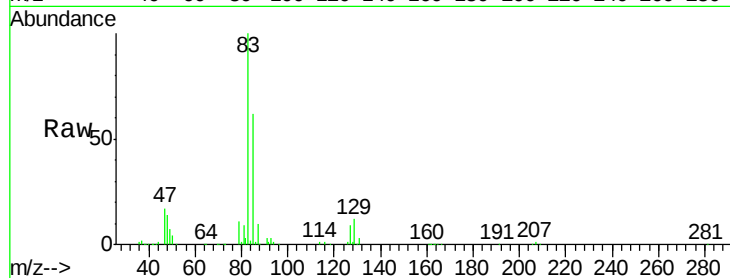
Tot Ion: 83 Resp: 132274

Ion Ratio Lower Upper

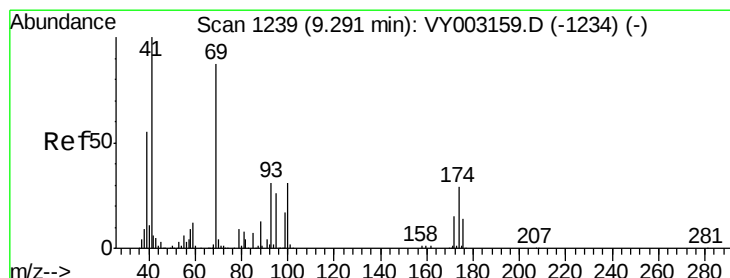
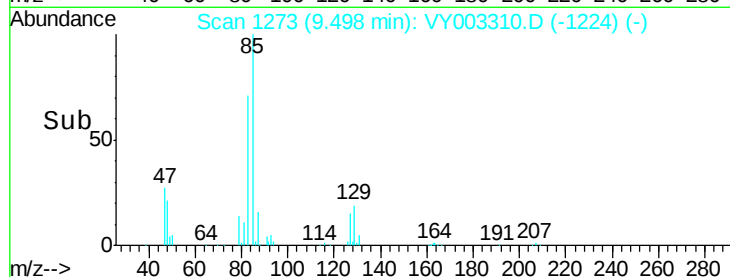
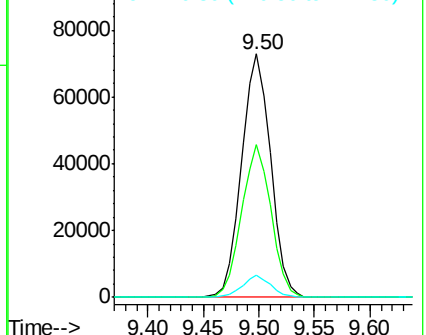
83 100

85 62.5 50.9 76.3

127 9.3 7.0 10.4



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): V



#48

Methyl methacrylate

Concen: 22.196 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

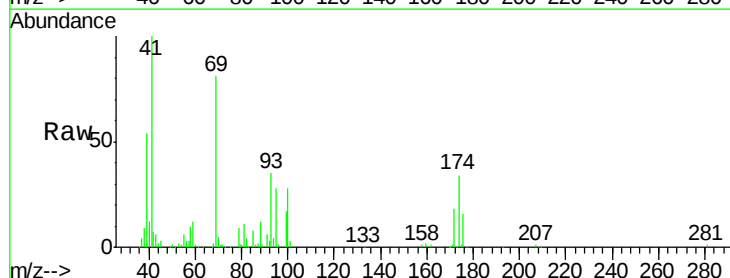
Tgt Ion: 41 Resp: 61370

Ion Ratio Lower Upper

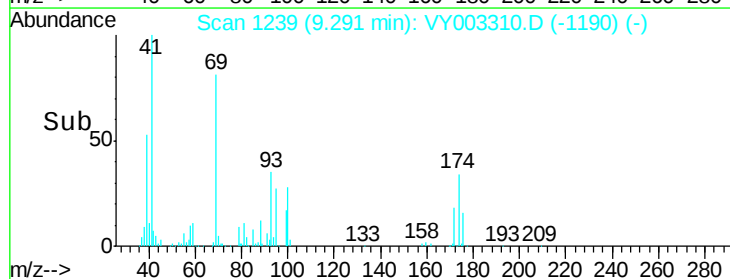
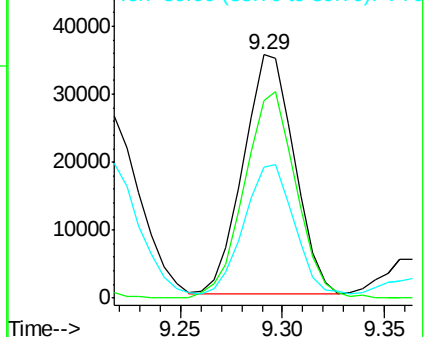
41 100

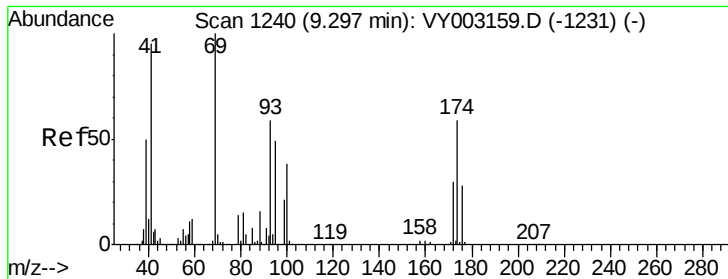
69 87.5 74.5 111.7

39 53.3 47.5 71.3



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

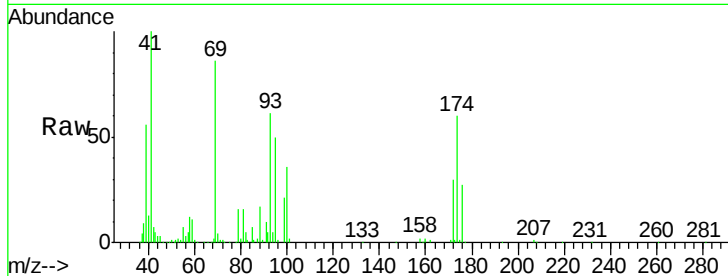




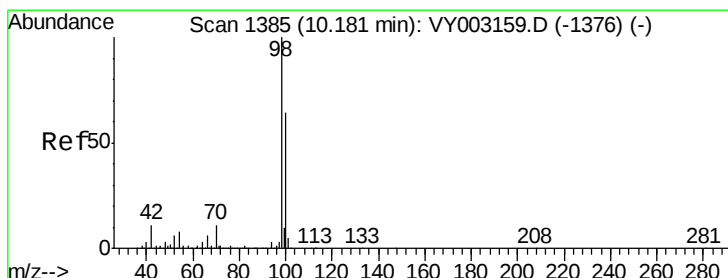
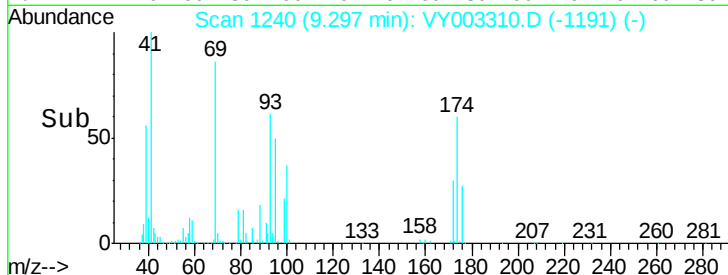
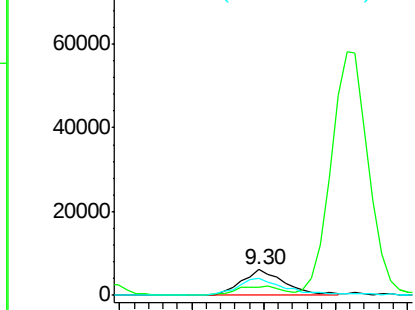
#49
1,4-Dioxane
Concen: 404.872 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 88 Resp: 12687
Ion Ratio Lower Upper
88 100
43 36.0 25.6 38.4
58 81.3 47.8 71.6#

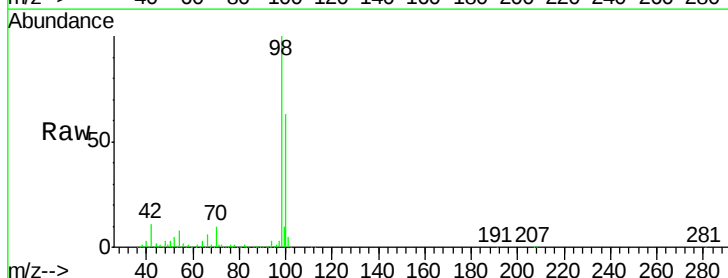


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

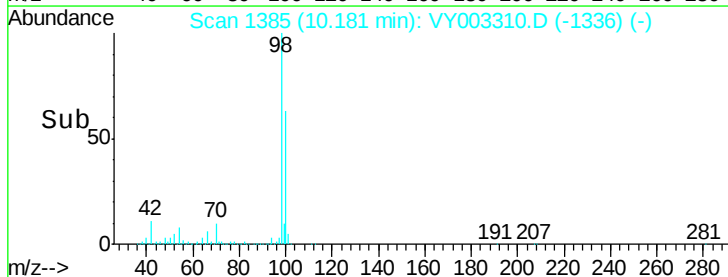
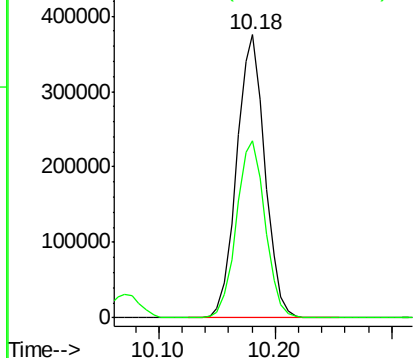


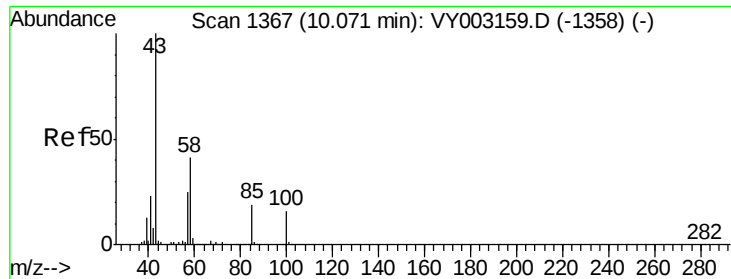
#50
Toluene-d8
Concen: 45.178 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 98 Resp: 632776
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



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

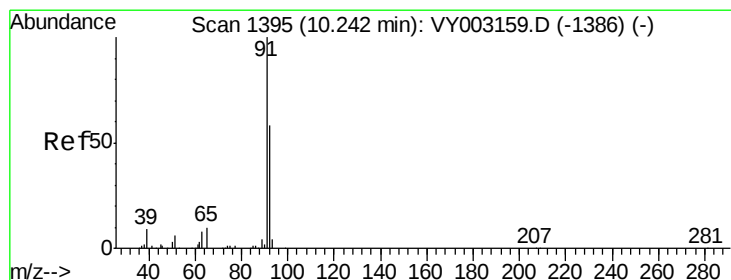
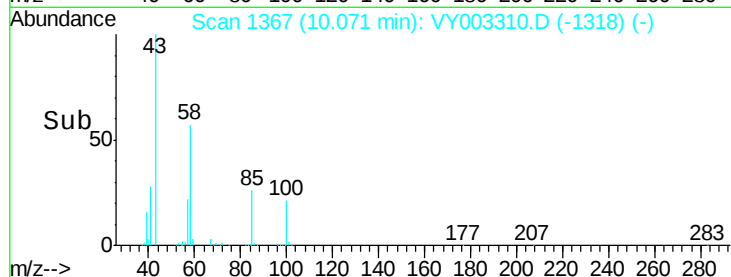
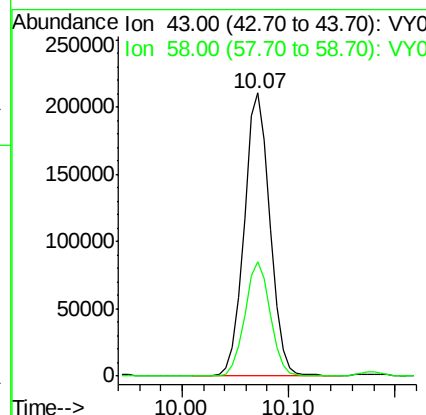
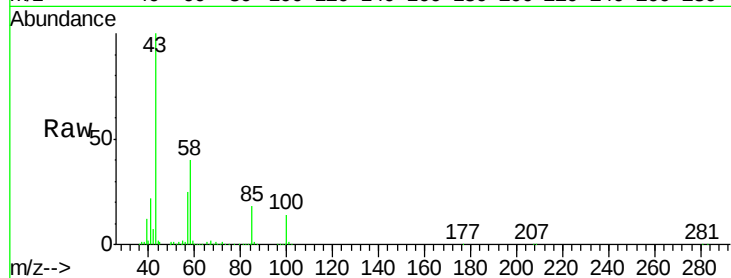




#51
4-Methyl-2-Pentanone
Concen: 111.023 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

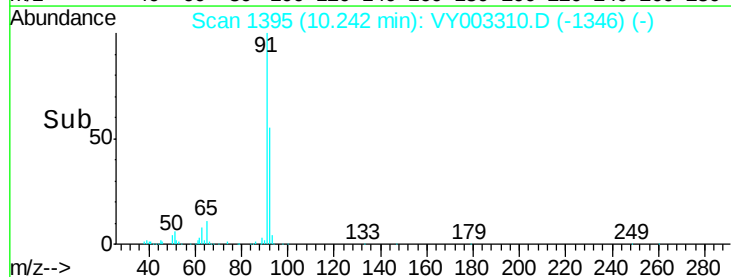
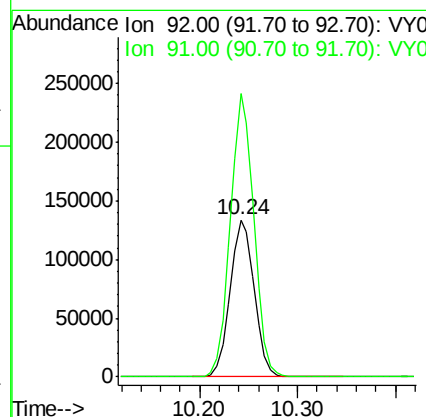
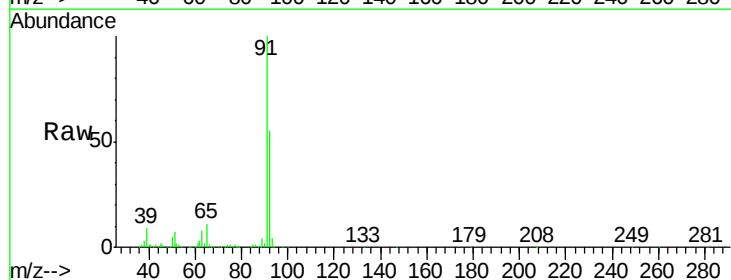
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

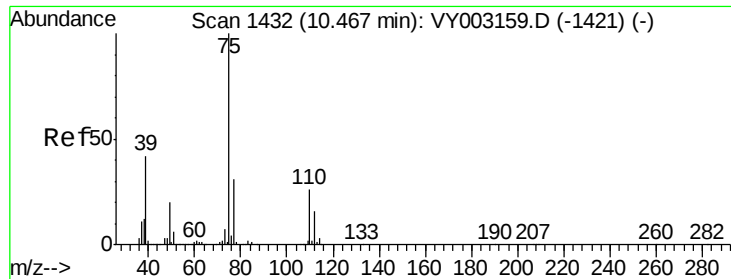
Tot Ion: 43 Resp: 356904
Ion Ratio Lower Upper
43 100
58 39.9 32.7 49.1



#52
Toluene
Concen: 21.725 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 92 Resp: 226859
Ion Ratio Lower Upper
92 100
91 176.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 22.087 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

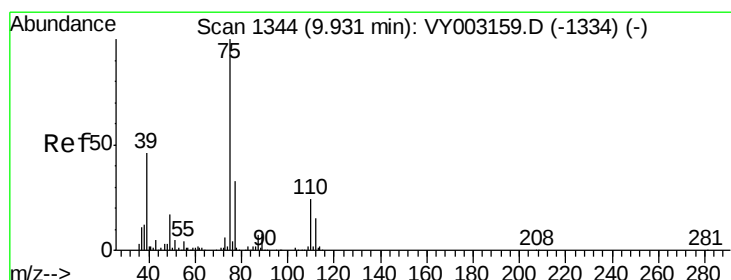
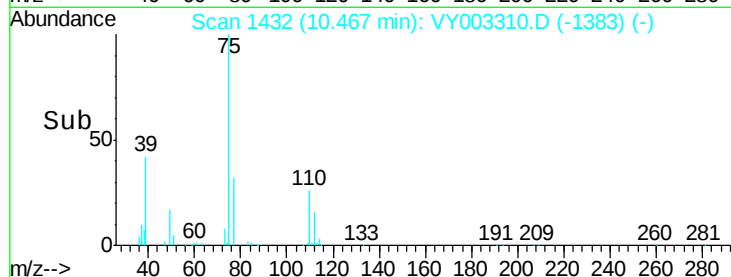
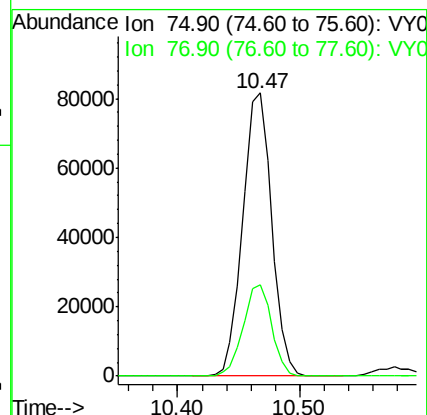
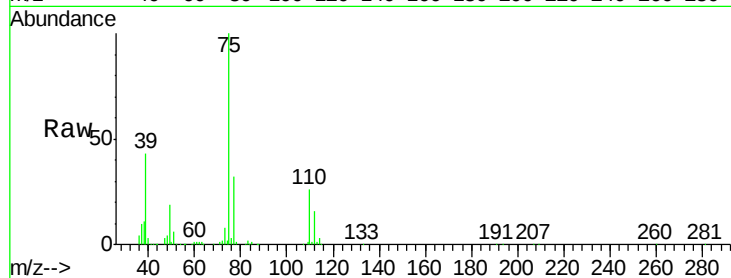
VY0723SBS01

Tot Ion: 75 Resp: 134378

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 22.210 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

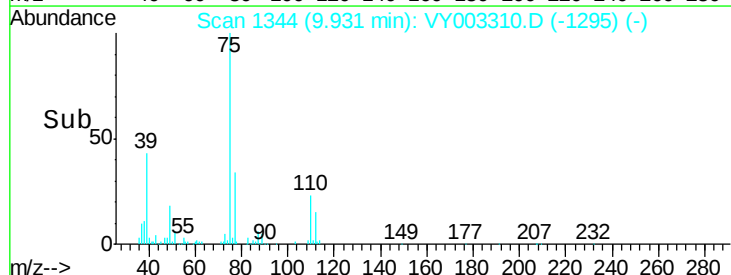
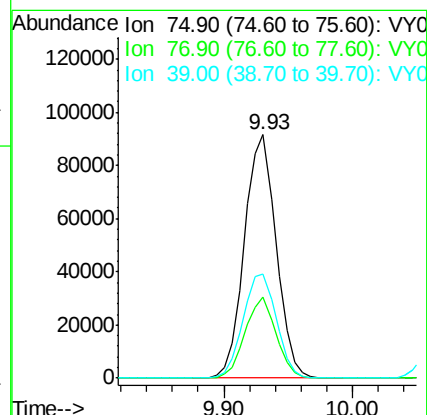
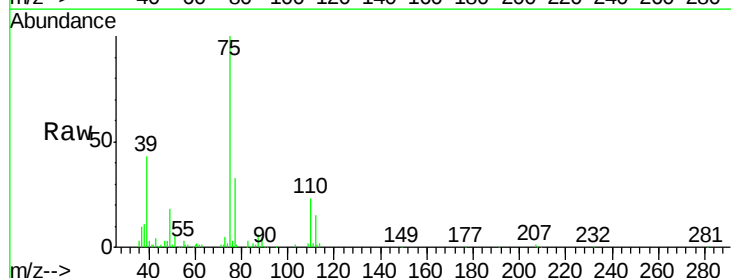
Tgt Ion: 75 Resp: 155692

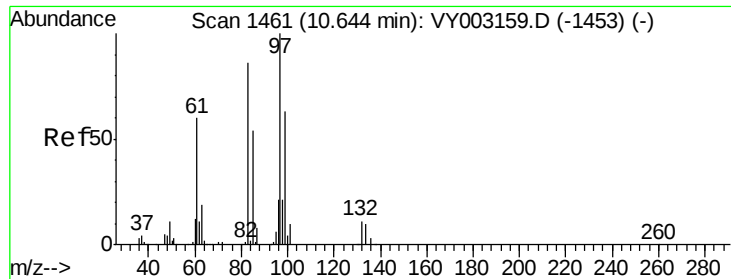
Ion Ratio Lower Upper

75 100

77 33.5 26.7 40.1

39 42.7 37.0 55.6

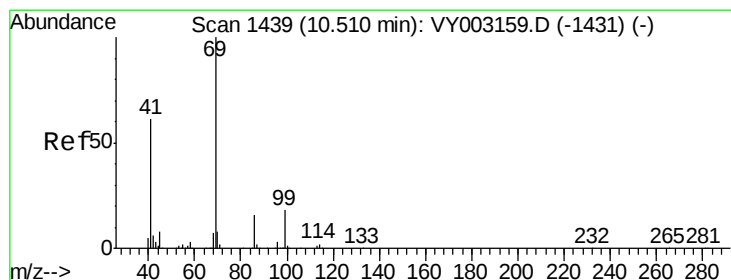
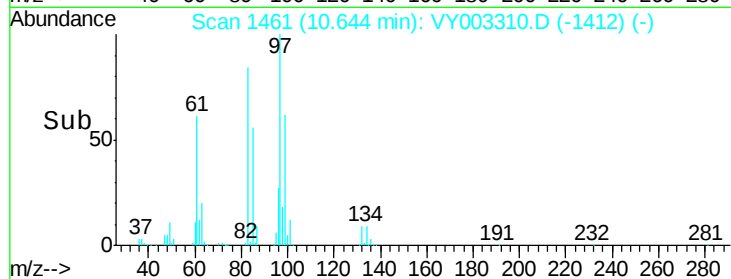
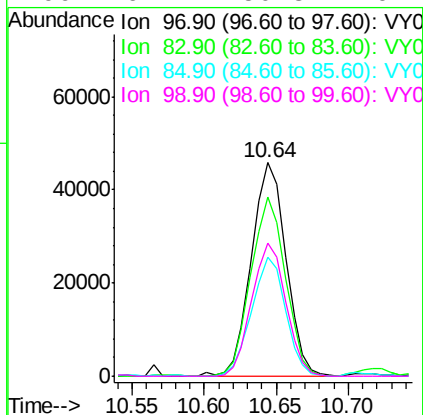
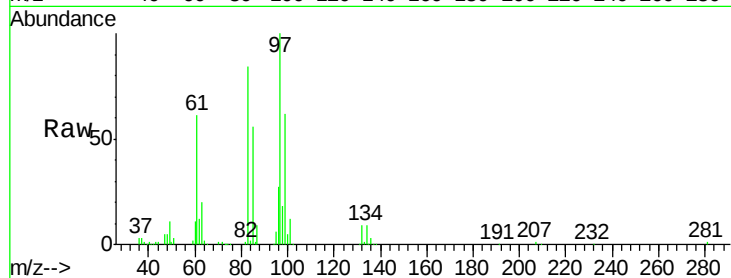




#55
 1,1,2-Trichloroethane
 Concen: 21.819 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

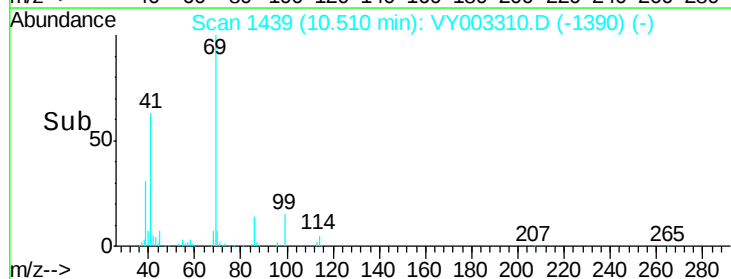
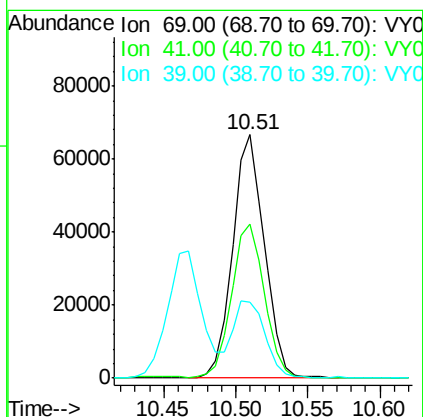
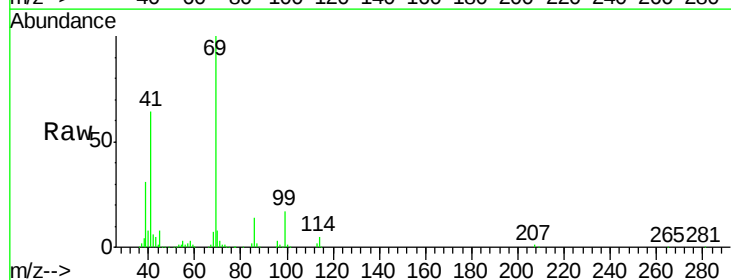
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

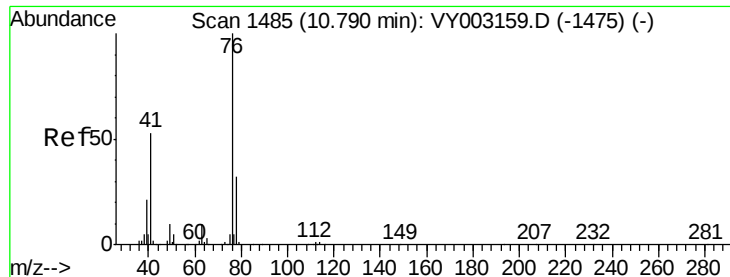
Tot Ion:	97	Resp:	76338
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.8	103.2
85	55.9	43.1	64.7
99	62.4	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 21.545 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion:	69	Resp:	102482
Ion	Ratio	Lower	Upper
69	100		
41	64.6	50.0	75.0
39	31.2	27.6	41.4





#57

1,3-Dichloropropane

Concen: 22.035 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

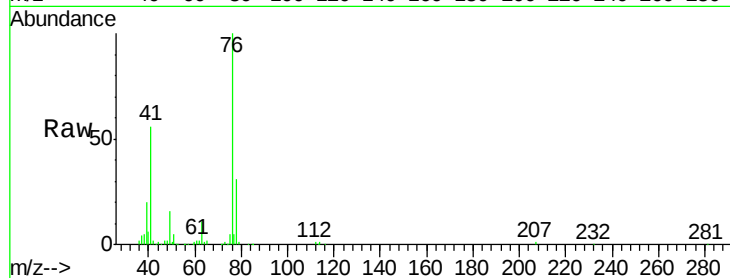
VY0723SBS01

Tot Ion: 76 Resp: 130718

Ion Ratio Lower Upper

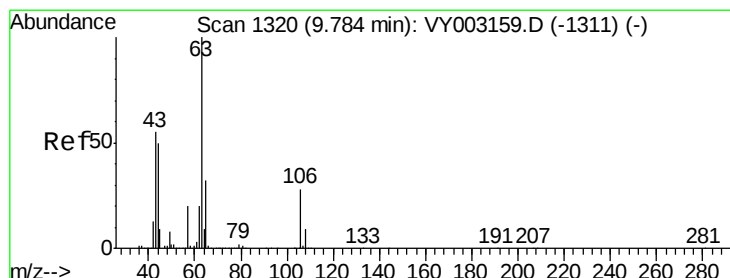
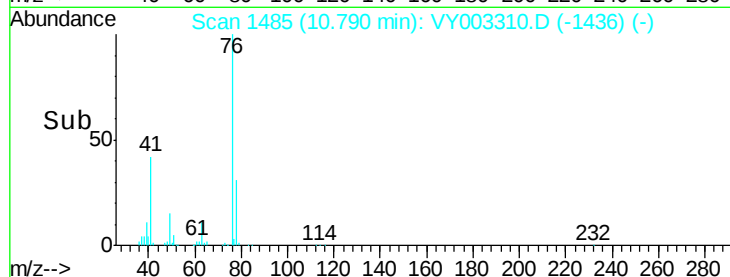
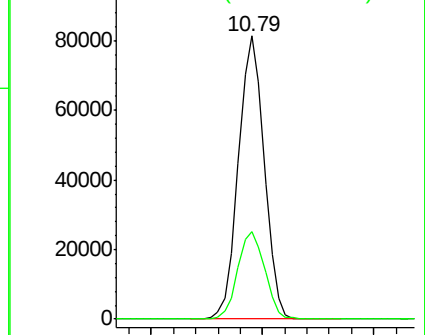
76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 110.296 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003310.D

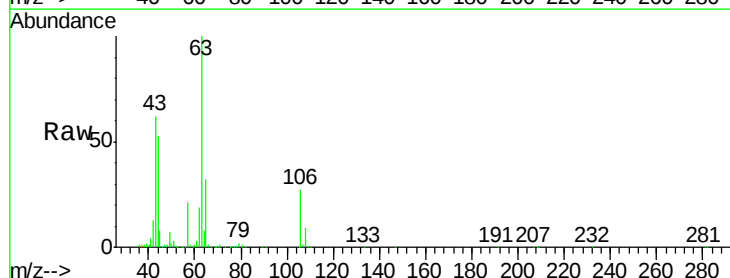
Acq: 23 Jul 2020 12:33

Tgt Ion: 63 Resp: 267562

Ion Ratio Lower Upper

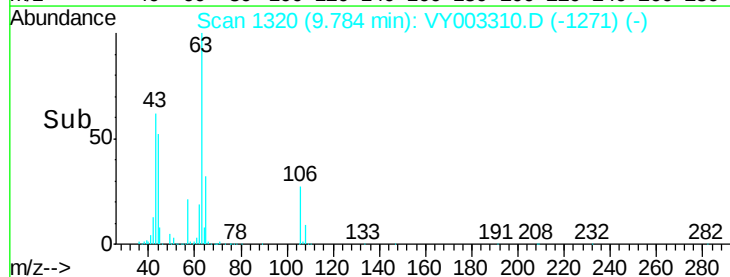
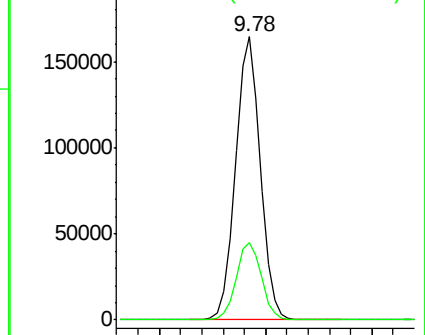
63 100

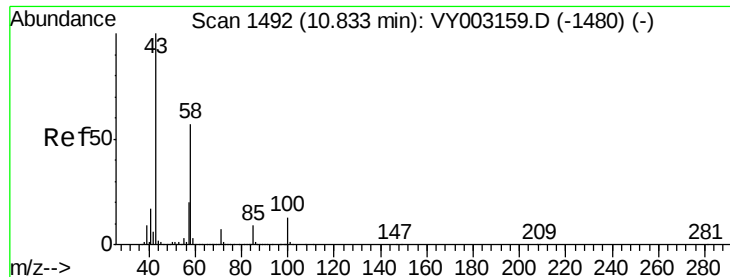
106 27.8 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

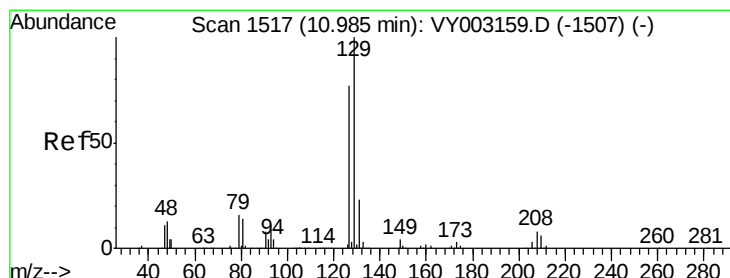
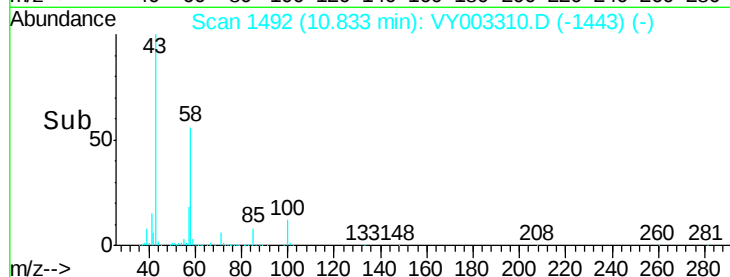
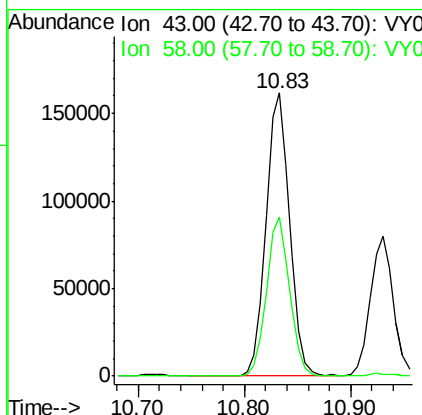
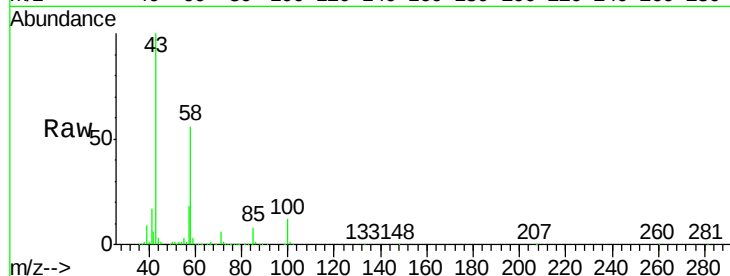




#59
2-Hexanone
Concen: 111.850 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

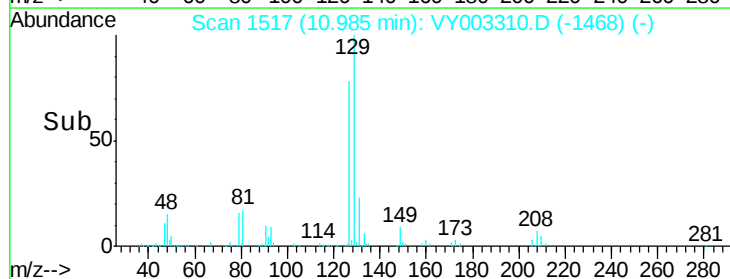
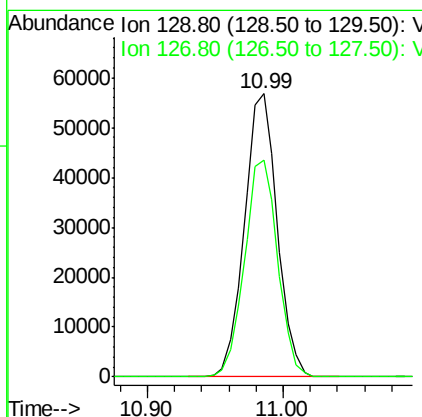
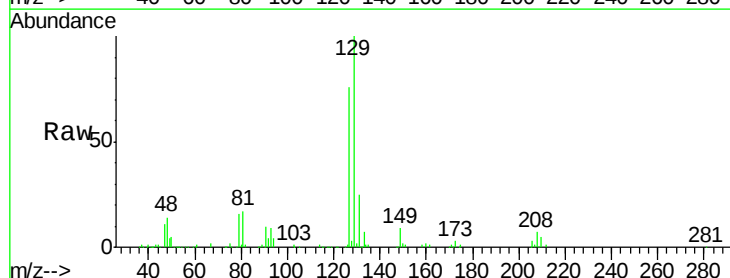
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

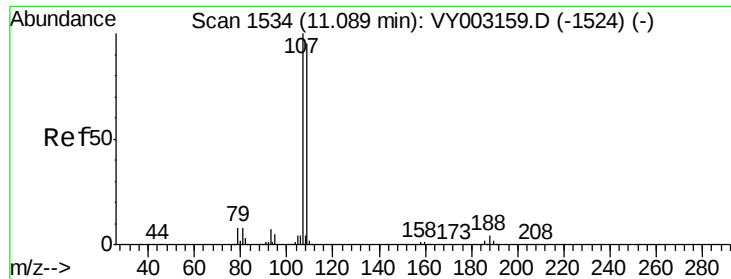
Tot Ion: 43 Resp: 251000
Ion Ratio Lower Upper
43 100
58 55.2 28.3 85.0



#60
Dibromochloromethane
Concen: 21.763 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 129 Resp: 95768
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.150 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

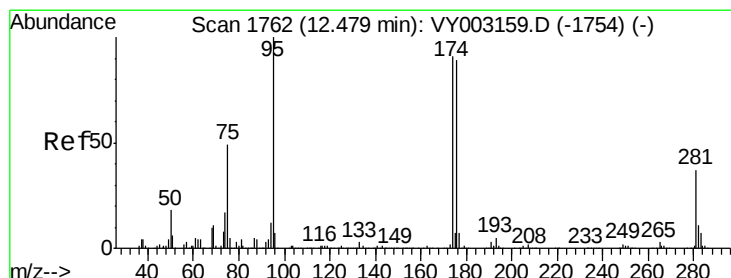
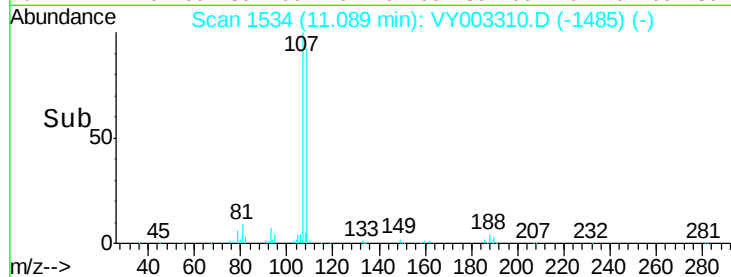
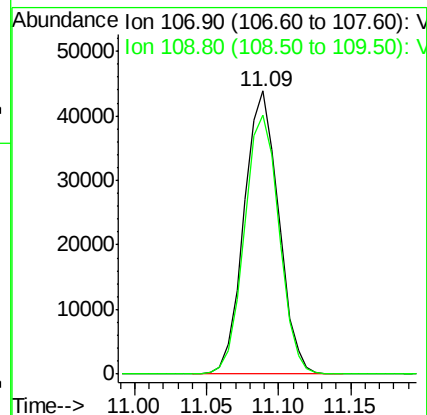
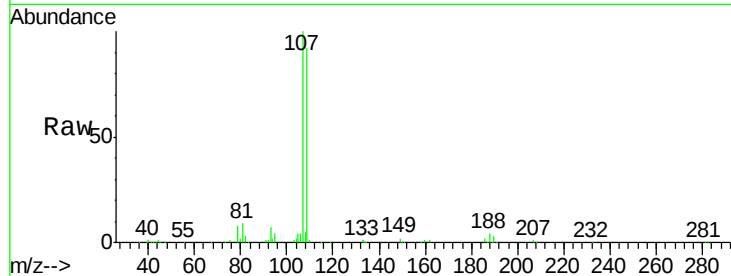
VY0723SBS01

Tot Ion: 107 Resp: 73033

Ion Ratio Lower Upper

107 100

109 91.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 45.101 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

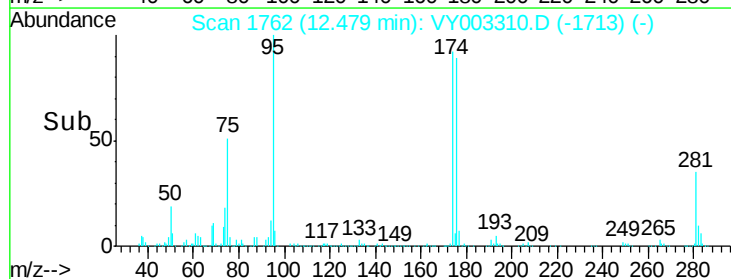
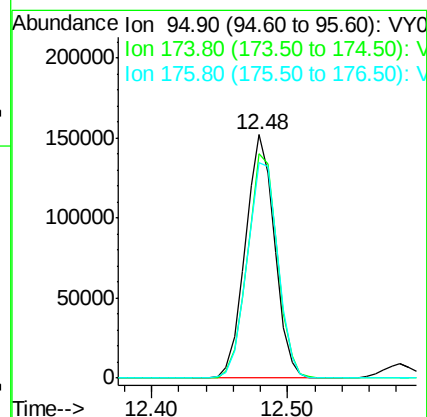
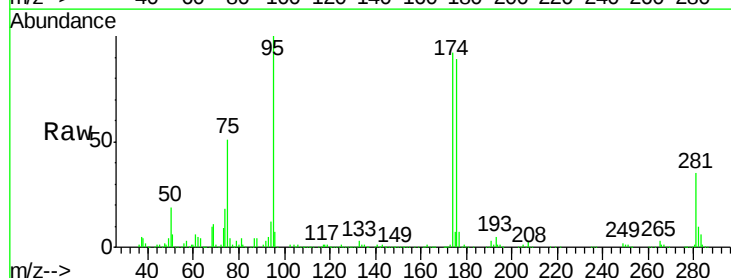
Tgt Ion: 95 Resp: 228206

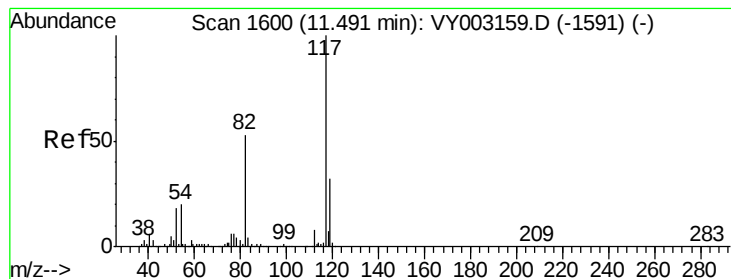
Ion Ratio Lower Upper

95 100

174 94.4 0.0 190.6

176 93.2 0.0 186.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

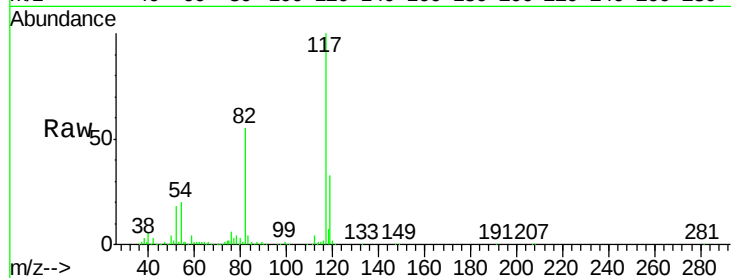
Tot Ion:117 Resp: 599371

Ion Ratio Lower Upper

117 100

82 54.6 42.0 63.0

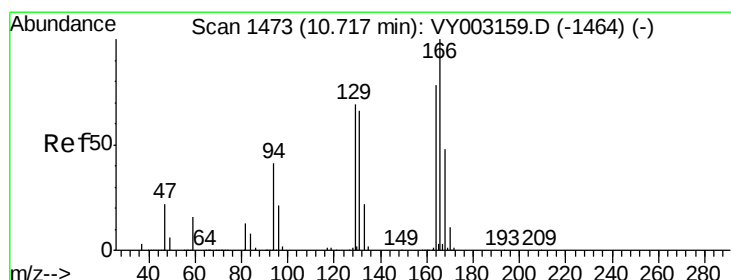
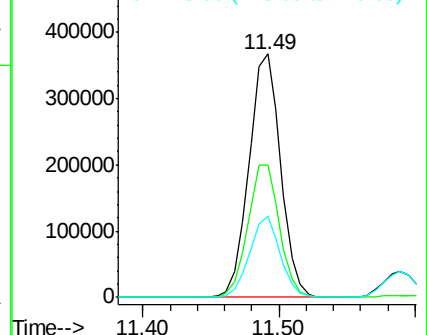
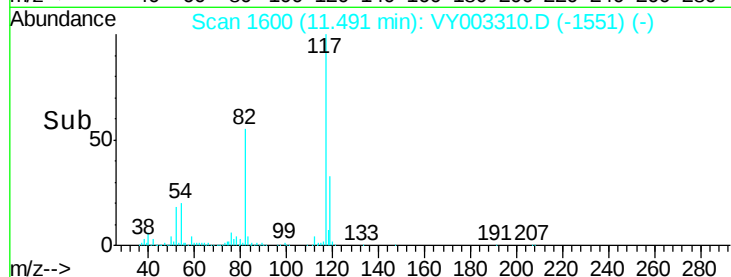
119 33.3 25.5 38.3



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: 19.943 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion:164 Resp: 106581

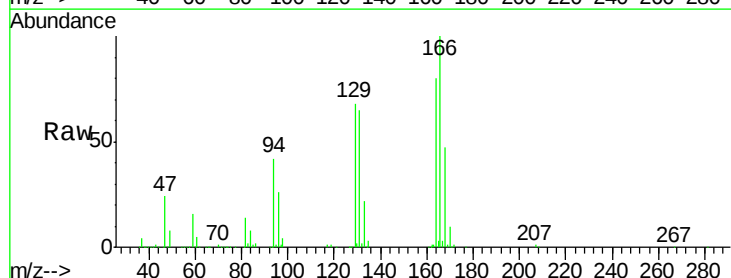
Ion Ratio Lower Upper

164 100

166 125.0 102.9 154.3

129 85.4 71.4 107.2

131 81.1 68.1 102.1

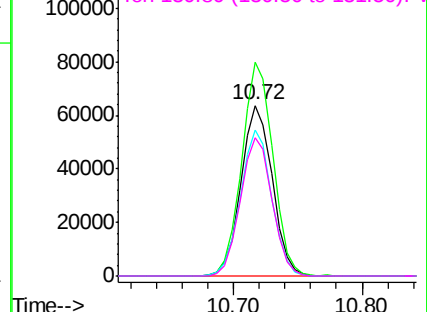
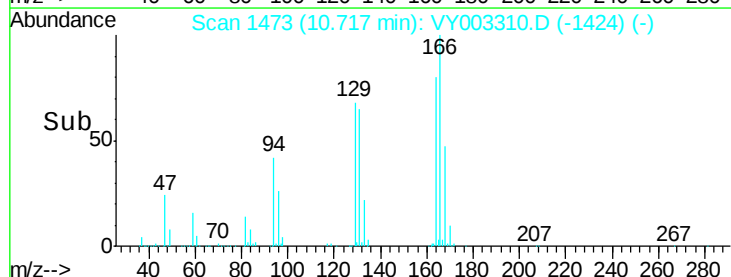


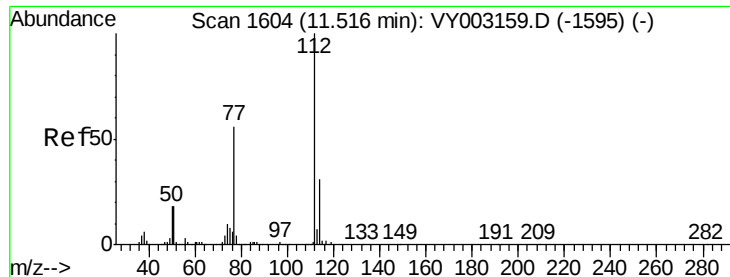
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

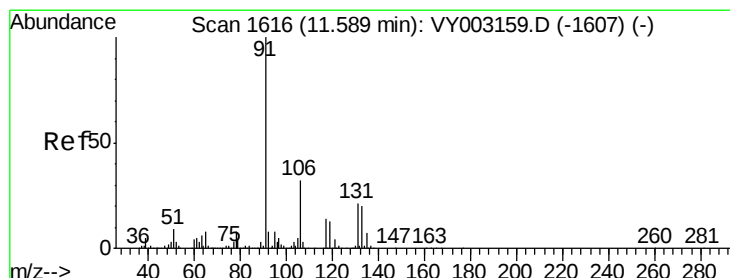
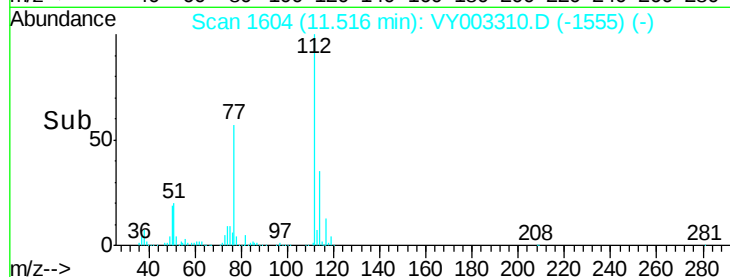
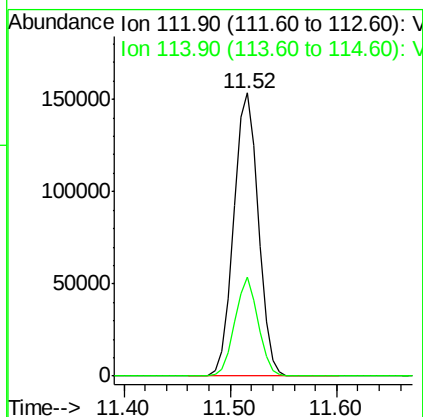
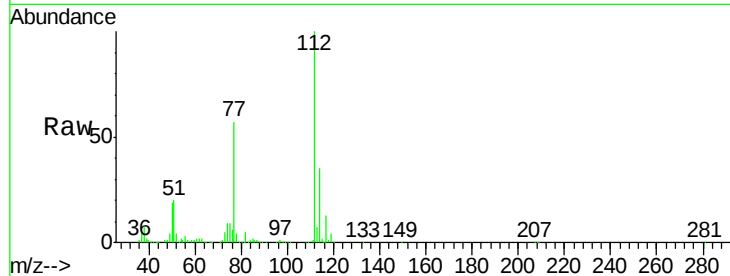




#65
Chlorobenzene
Concen: 21.659 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

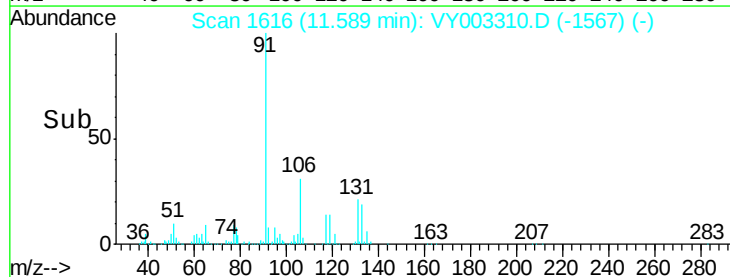
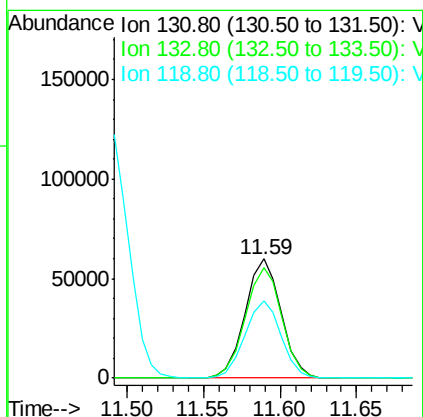
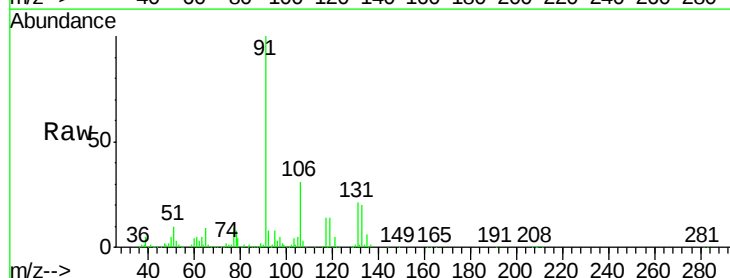
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

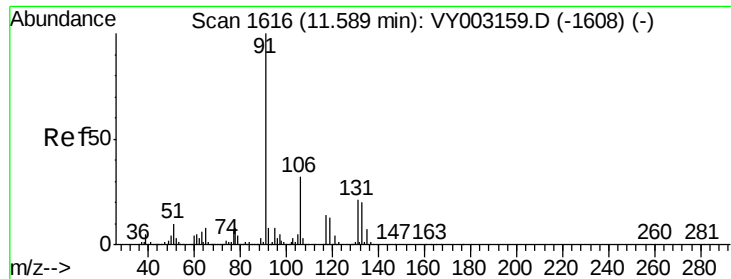
Tot Ion:112 Resp: 250085
Ion Ratio Lower Upper
112 100
114 35.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.791 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion:131 Resp: 97723
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.0
119 65.1 32.4 97.0

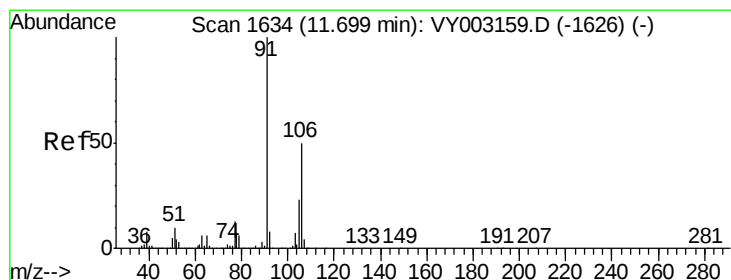
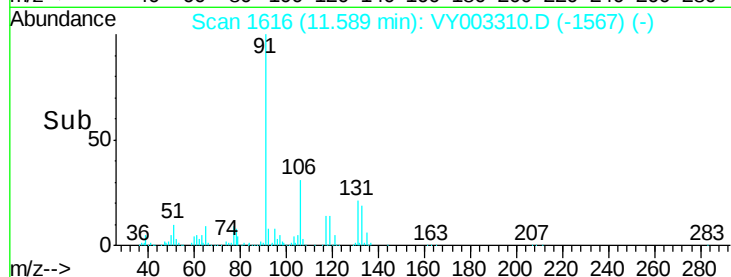
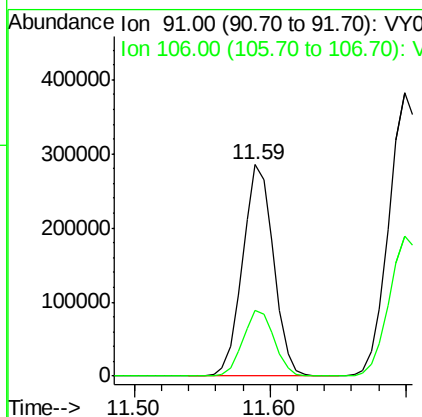
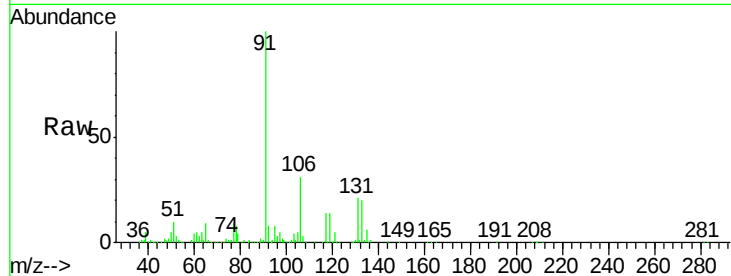




#67
Ethyl Benzene
Concen: 22.004 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

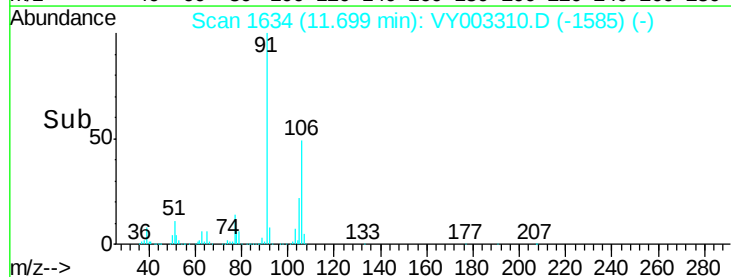
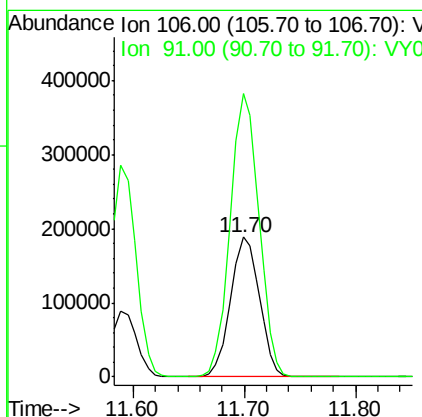
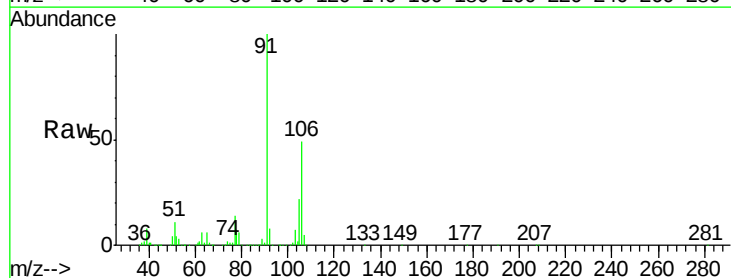
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

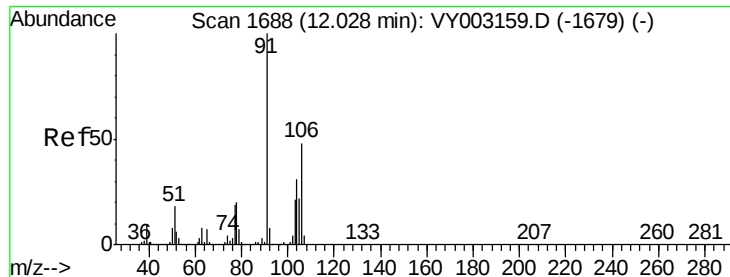
Tot Ion: 91 Resp: 453642
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 43.500 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion: 106 Resp: 340273
Ion Ratio Lower Upper
106 100
91 201.3 159.0 238.6

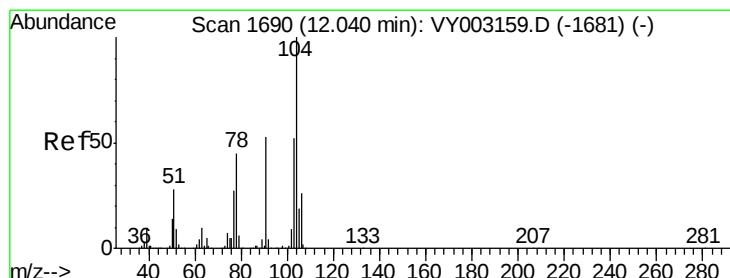
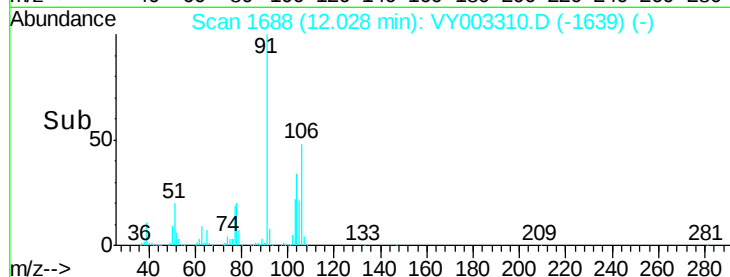
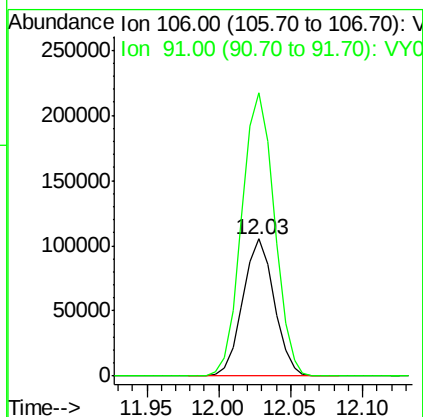
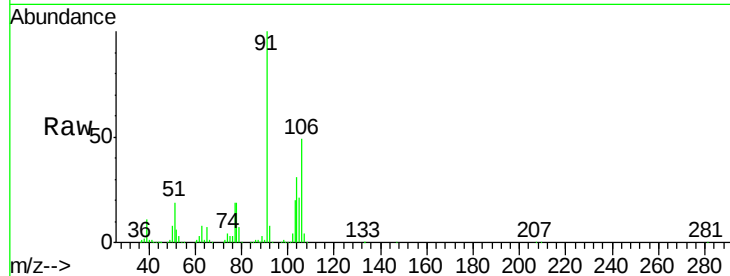




#69
o-Xylene
Concen: 21.863 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

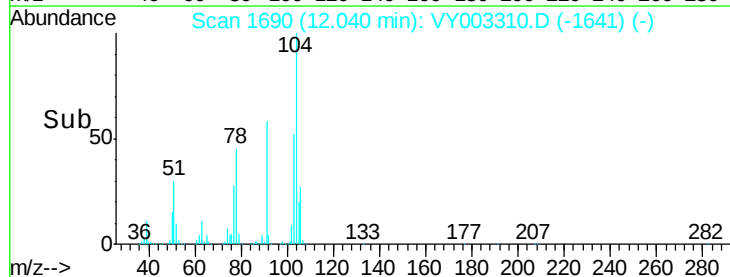
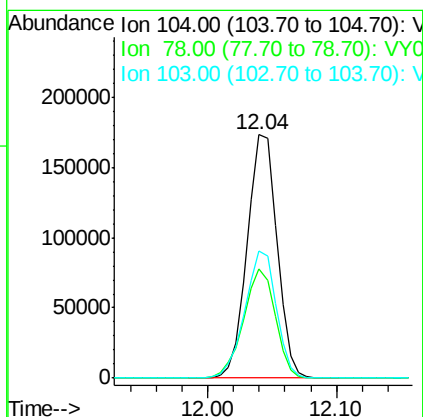
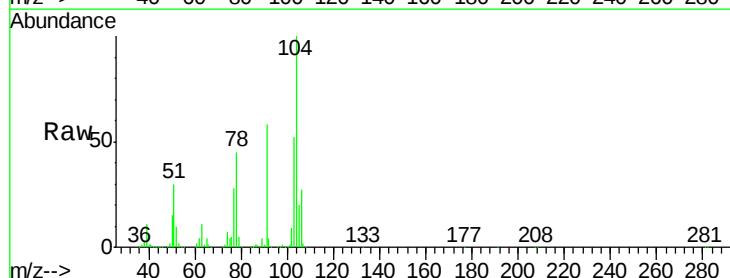
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

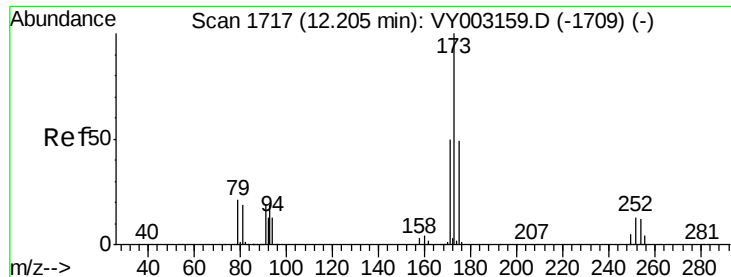
Tot Ion:106 Resp: 159775
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.1



#70
Styrene
Concen: 22.134 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion:104 Resp: 276708
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 55.4 43.9 65.9





#71

Bromoform

Concen: 20.875 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

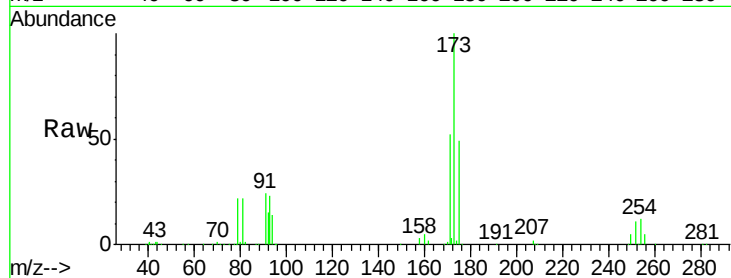
Tot Ion:173 Resp: 61444

Ion Ratio Lower Upper

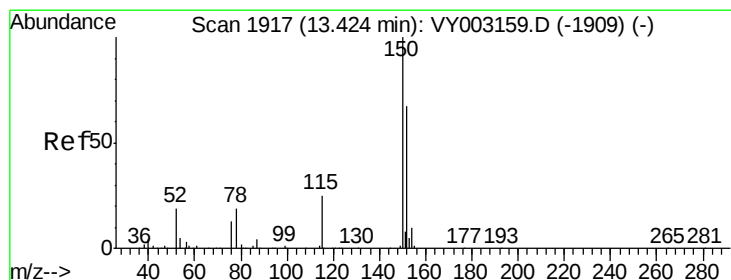
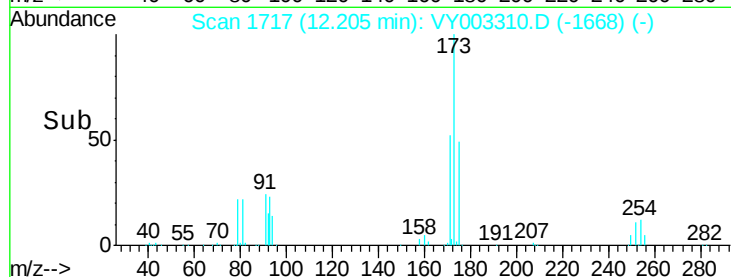
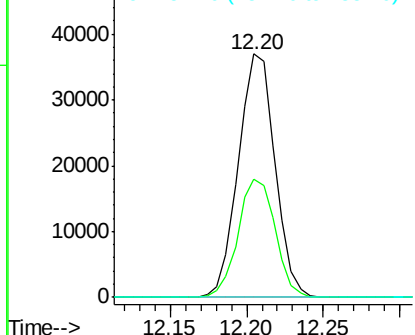
173 100

175 49.2 24.3 73.0

254 0.0 0.2 0.2#



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: VY003310.D

Acq: 23 Jul 2020 12:33

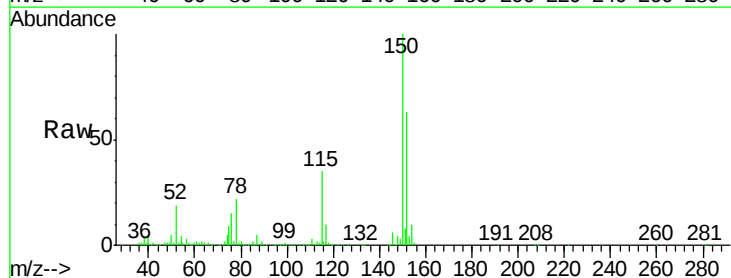
Tgt Ion:152 Resp: 324873

Ion Ratio Lower Upper

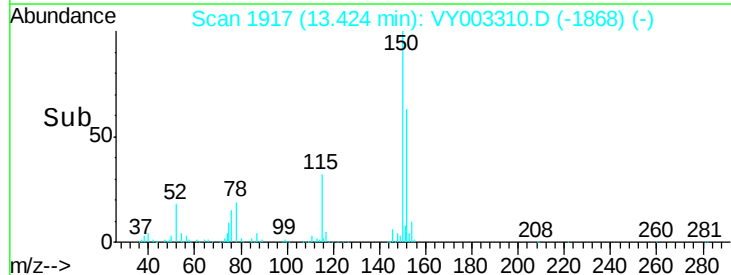
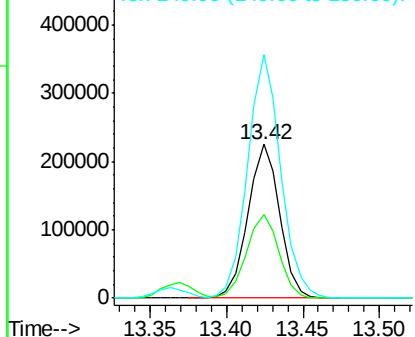
152 100

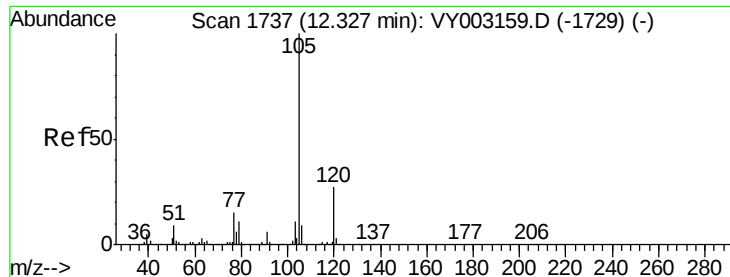
115 55.1 26.9 80.7

150 165.1 0.0 338.0



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





#73

Isopropylbenzene

Concen: 21.317 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

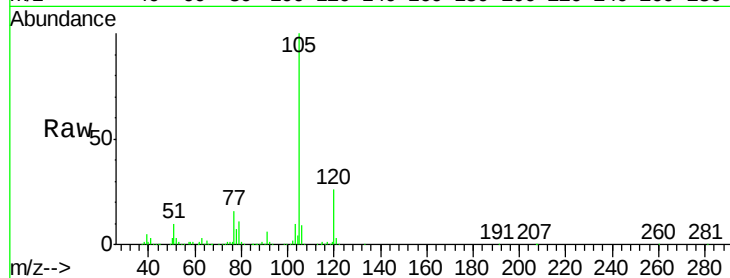
VY0723SBS01

Tot Ion:105 Resp: 441323

Ion Ratio Lower Upper

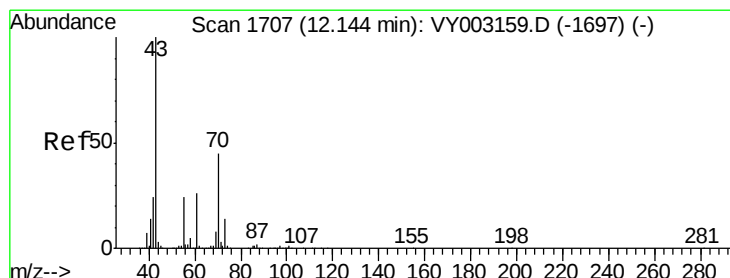
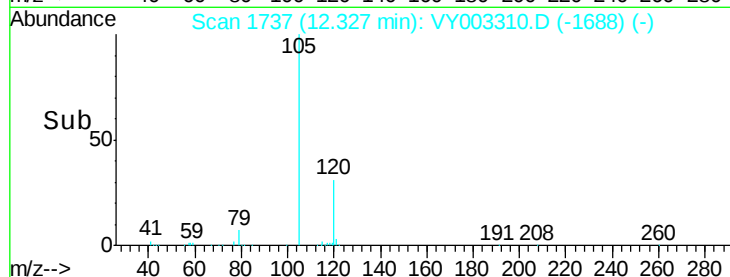
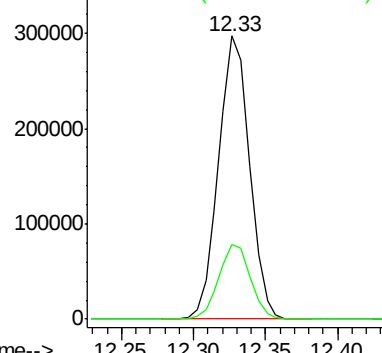
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.903 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Tgt Ion: 43 Resp: 127235

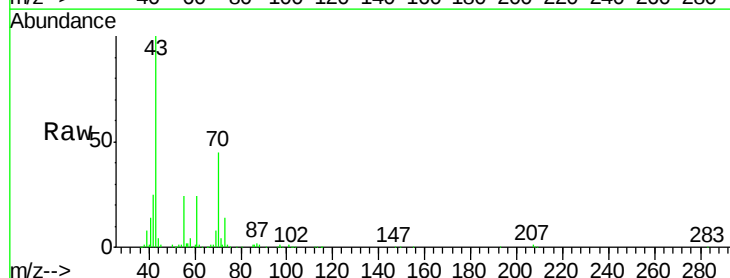
Ion Ratio Lower Upper

43 100

70 43.6 35.6 53.4

55 24.1 19.4 29.2

61 25.3 20.8 31.2

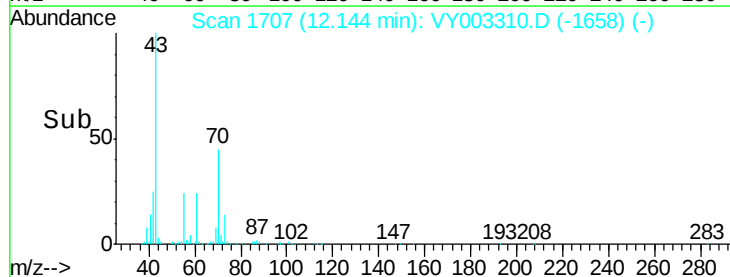
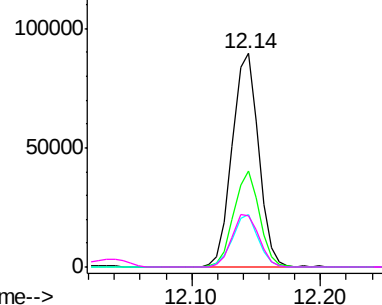


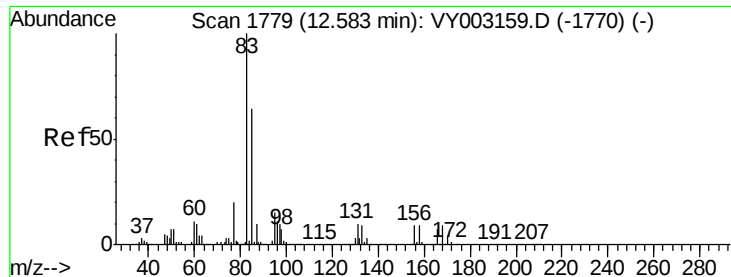
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 21.646 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

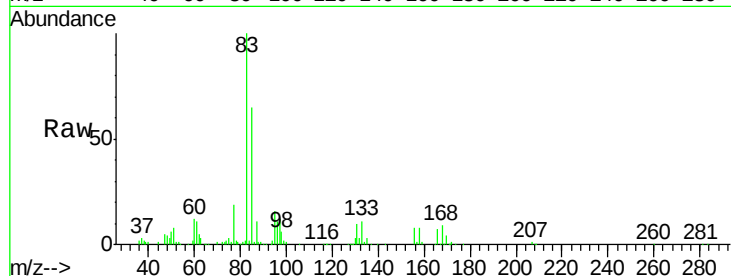
Tot Ion: 83 Resp: 86552

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

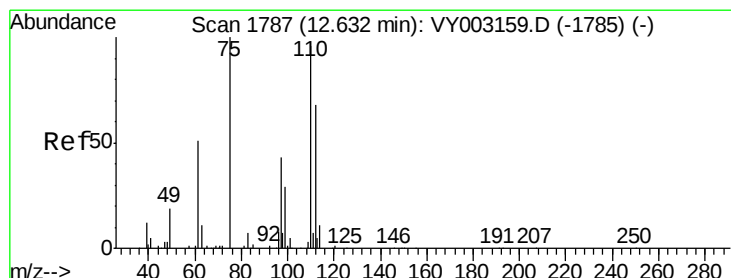
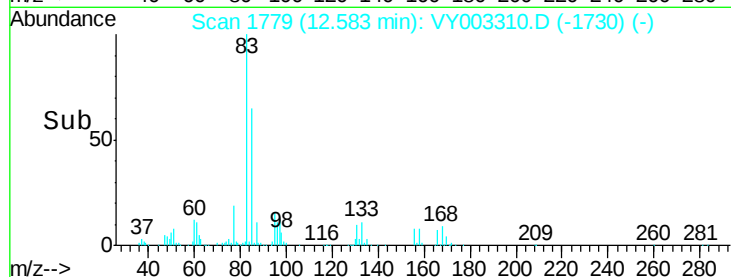
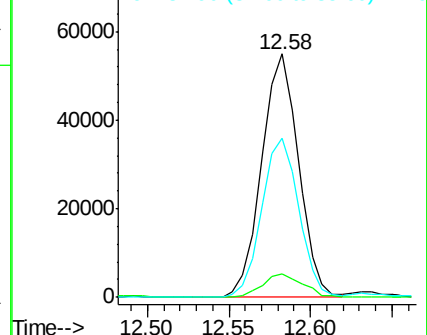
85 65.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 41.487 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003310.D

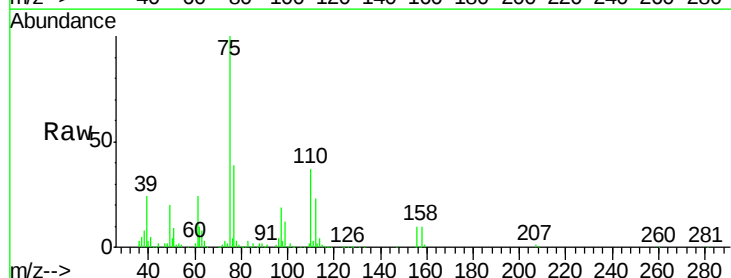
Acq: 23 Jul 2020 12:33

Tgt Ion: 75 Resp: 119303

Ion Ratio Lower Upper

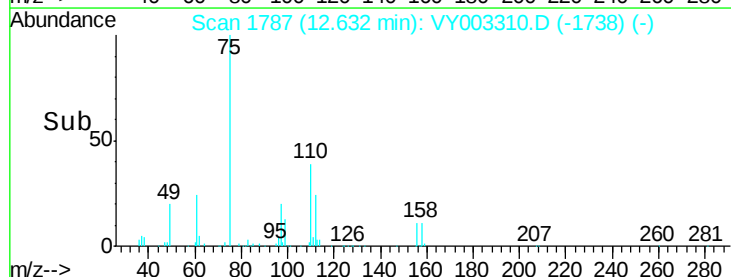
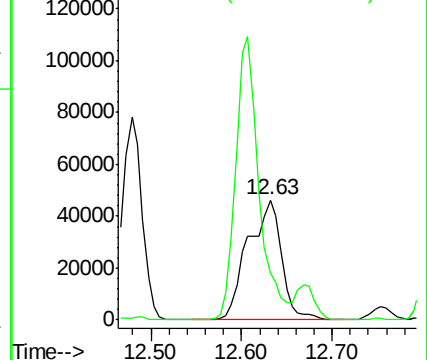
75 100

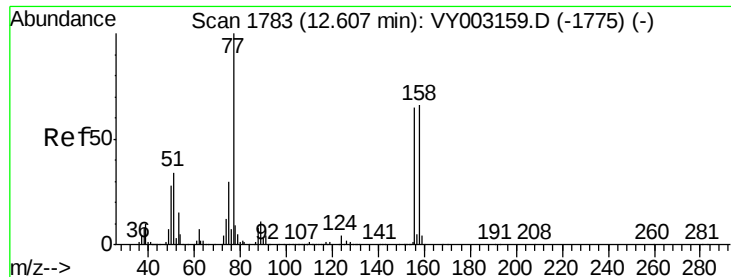
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.247 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

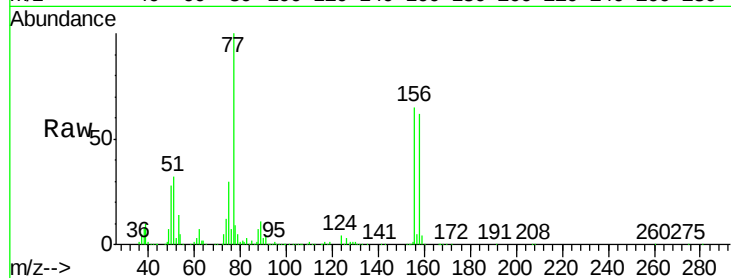
Tot Ion:156 Resp: 112127

Ion Ratio Lower Upper

156 100

77 174.8 86.6 259.7

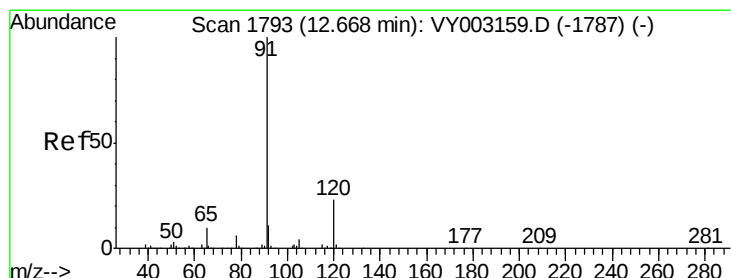
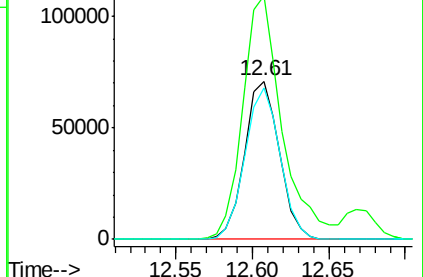
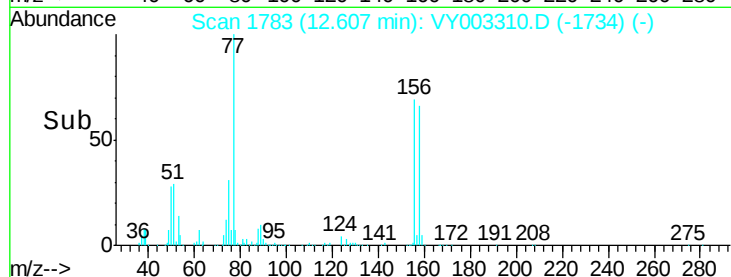
158 96.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.615 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003310.D

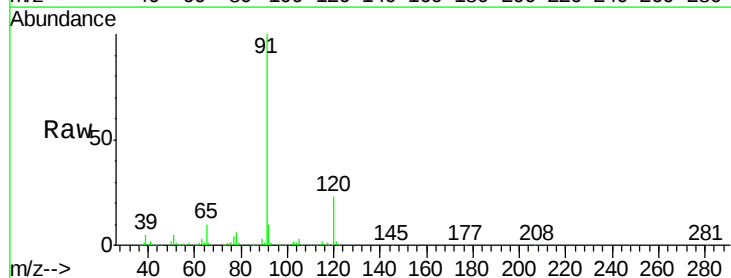
Acq: 23 Jul 2020 12:33

Tgt Ion: 91 Resp: 527485

Ion Ratio Lower Upper

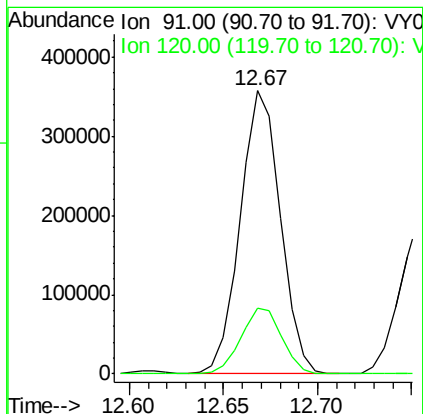
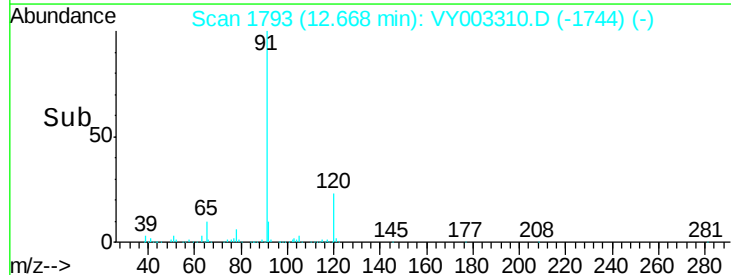
91 100

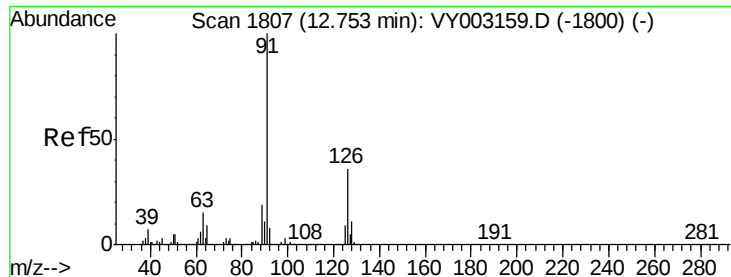
120 23.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

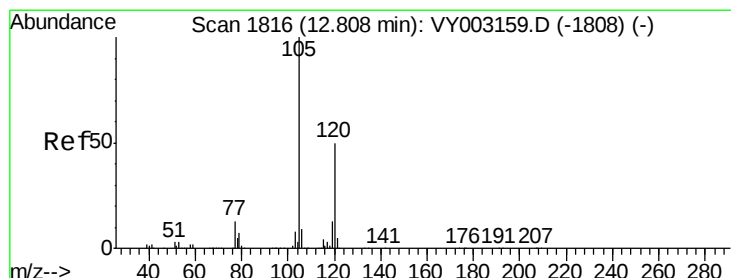
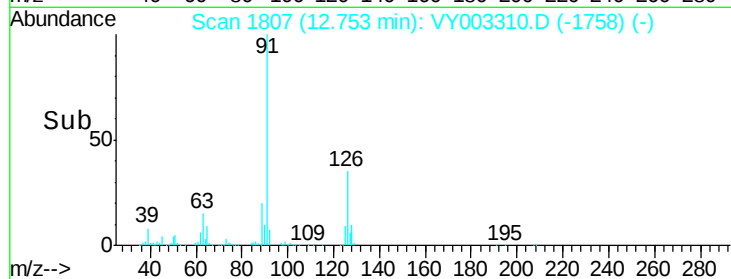
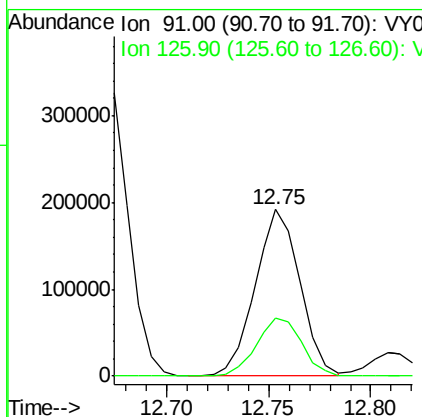
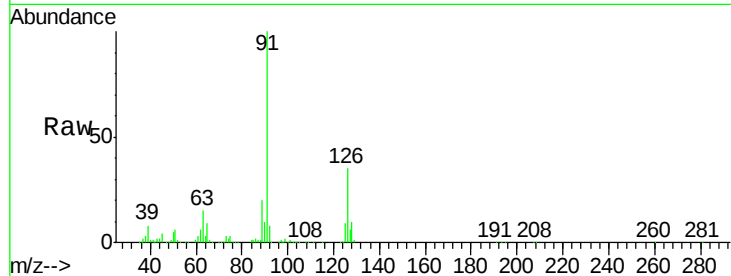




#79
 2-Chlorotoluene
 Concen: 21.364 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

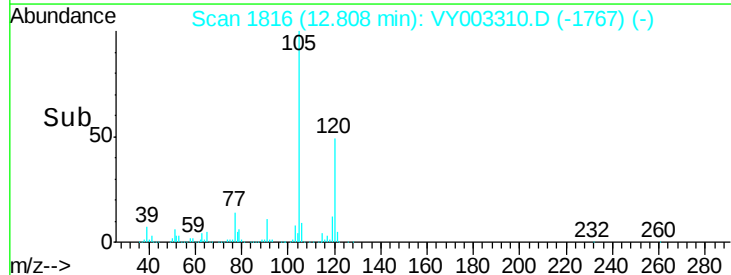
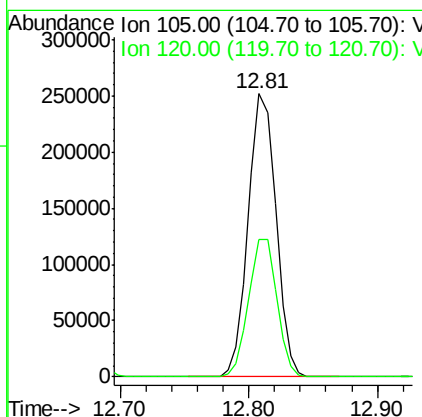
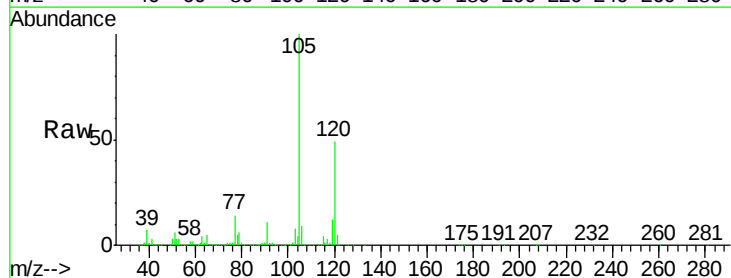
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

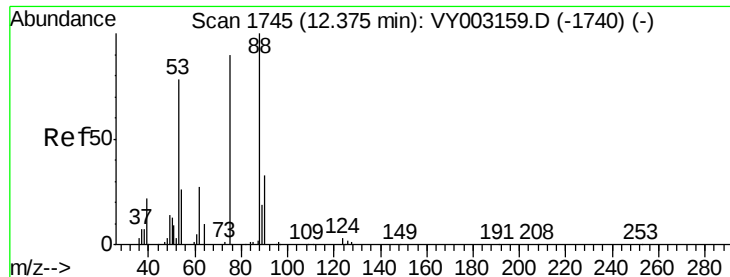
Tot Ion: 91 Resp: 290889
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.733 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion: 105 Resp: 375008
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.933 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

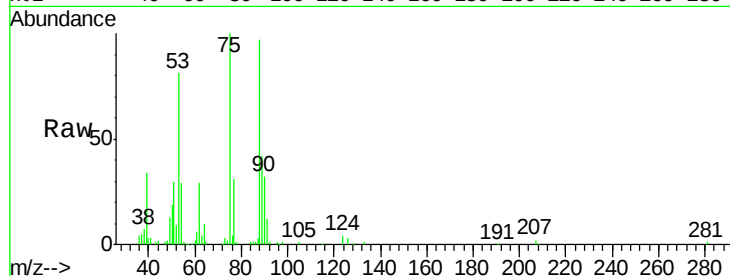
Tot Ion: 75 Resp: 32408

Ion Ratio Lower Upper

75 100

53 86.4 72.0 108.0

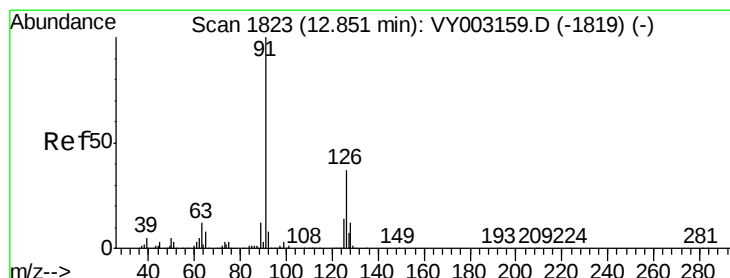
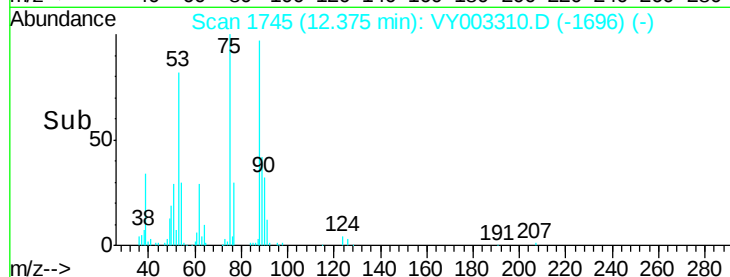
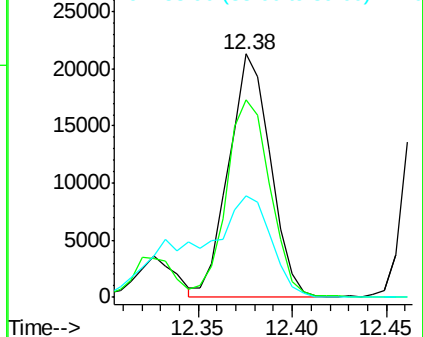
89 50.2 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.598 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003310.D

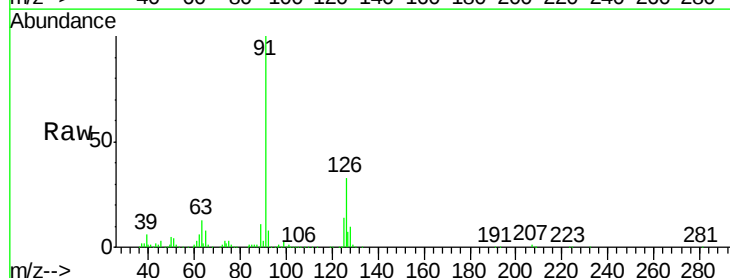
Acq: 23 Jul 2020 12:33

Tgt Ion: 91 Resp: 306935

Ion Ratio Lower Upper

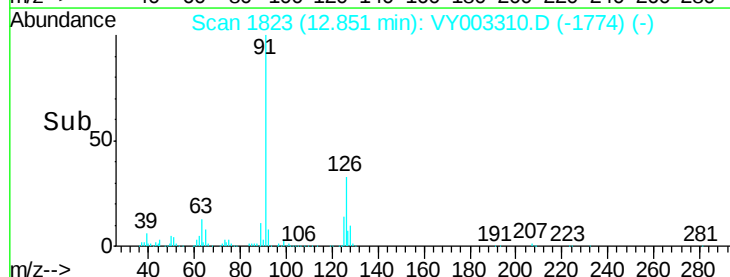
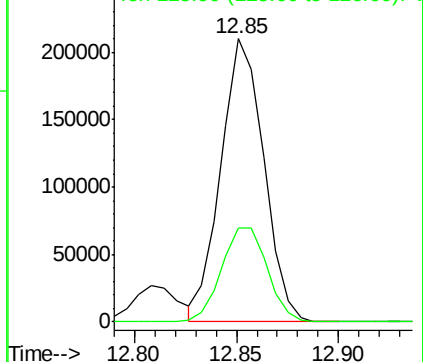
91 100

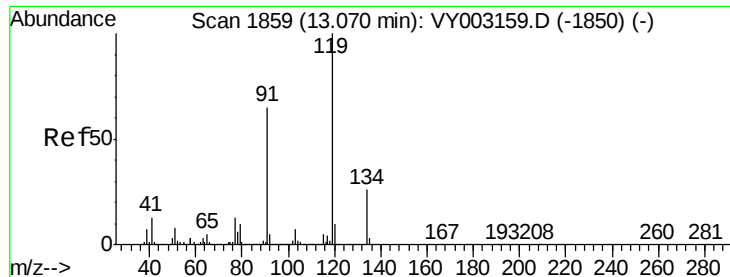
126 35.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

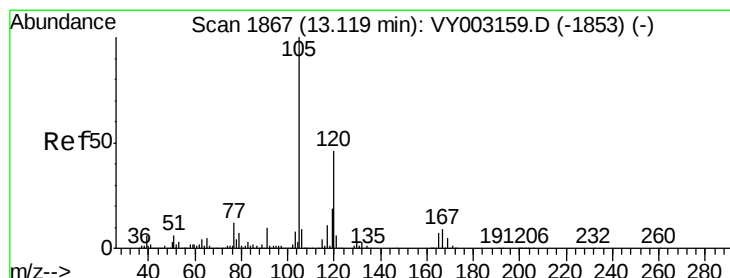
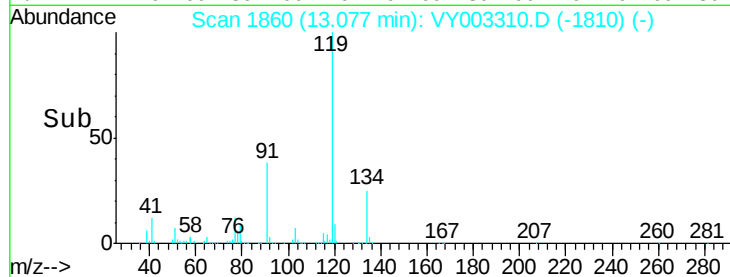
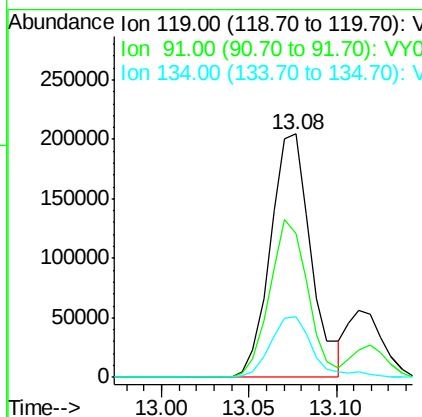
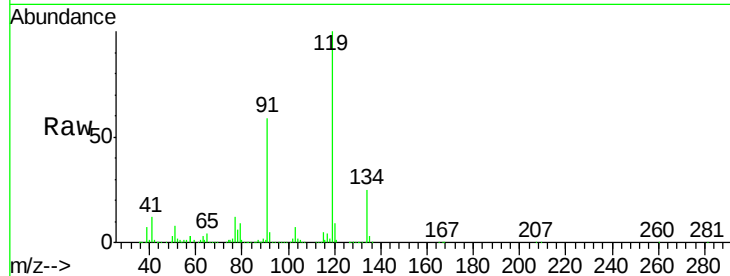




#83
 tert-Butylbenzene
 Concen: 21.733 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

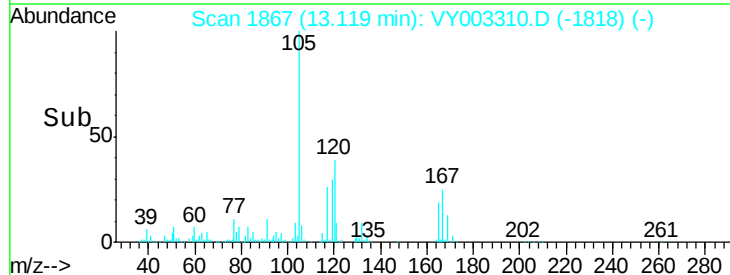
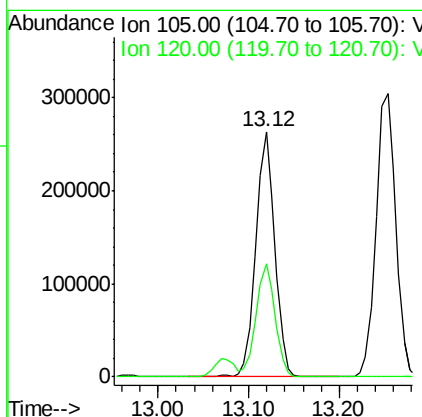
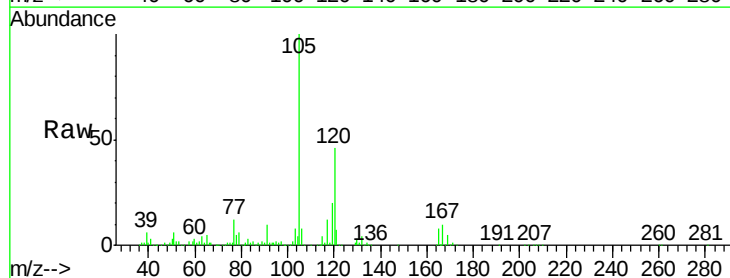
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

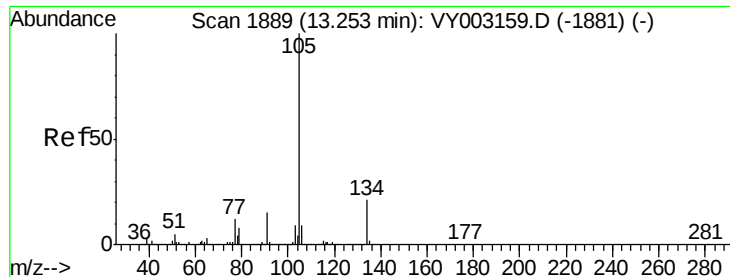
Tot Ion:119 Resp: 330892
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.8 92.4
 134 26.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.898 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion:105 Resp: 380190
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.5 67.5





#85

sec-Butylbenzene

Concen: 21.796 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

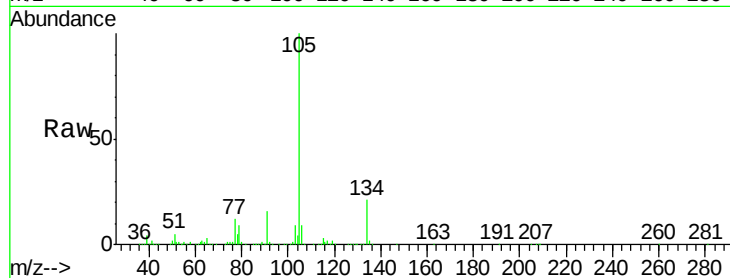
VY0723SBS01

Tot Ion:105 Resp: 456114

Ion Ratio Lower Upper

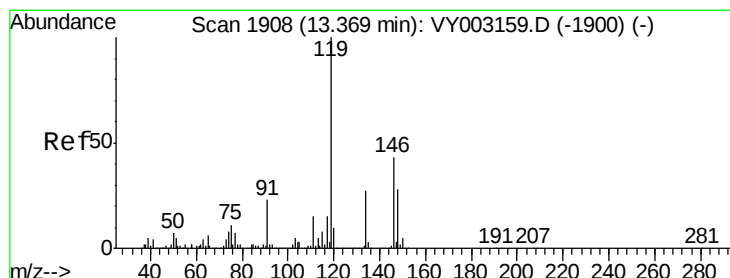
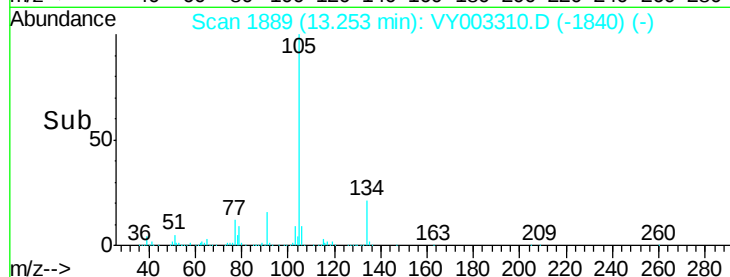
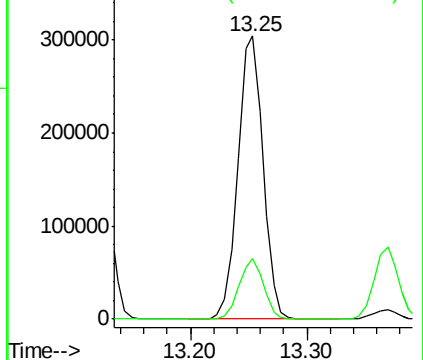
105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.640 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003310.D

Acq: 23 Jul 2020 12:33

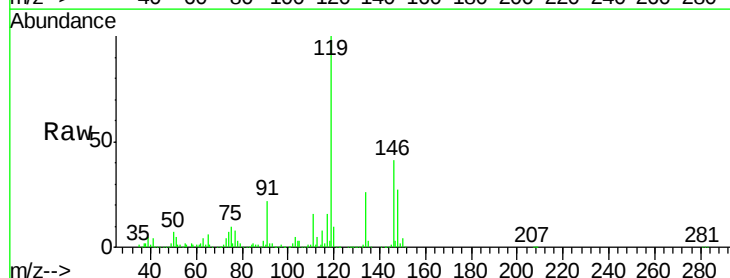
Tgt Ion:119 Resp: 422818

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

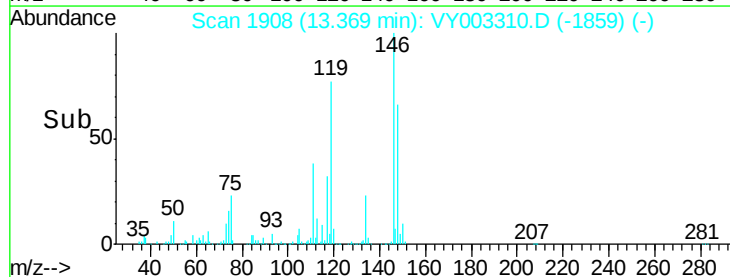
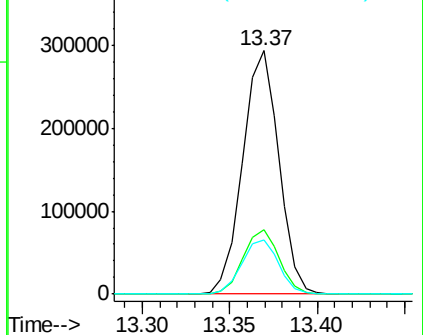
91 22.8 11.2 33.6

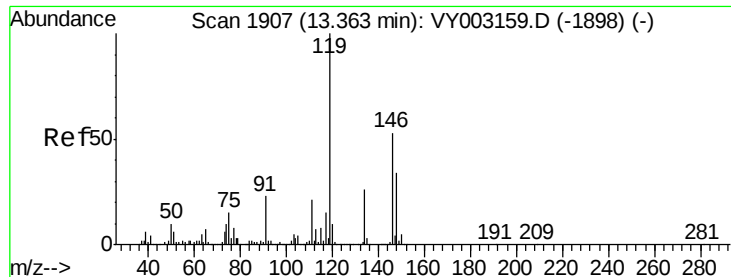


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

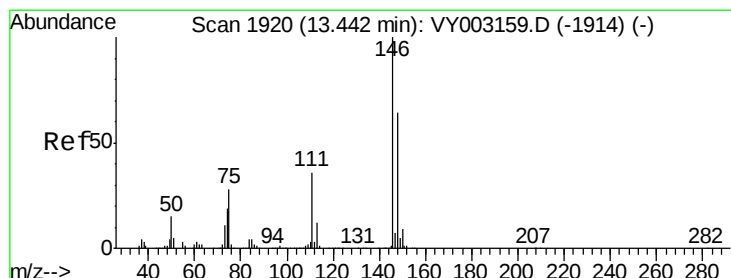
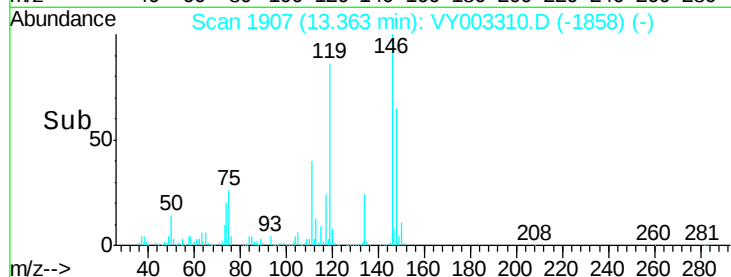
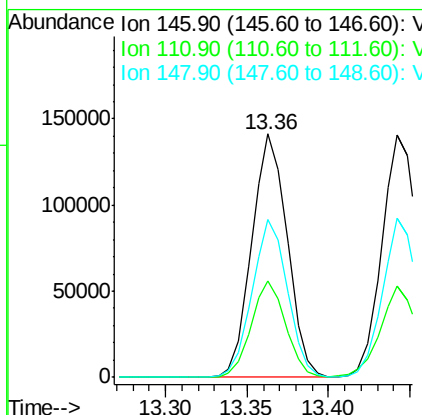
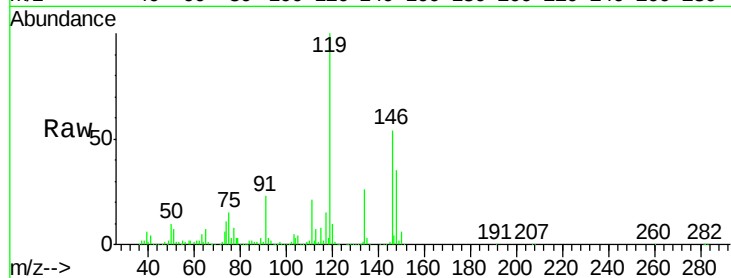




#87
 1,3-Dichlorobenzene
 Concen: 21.476 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

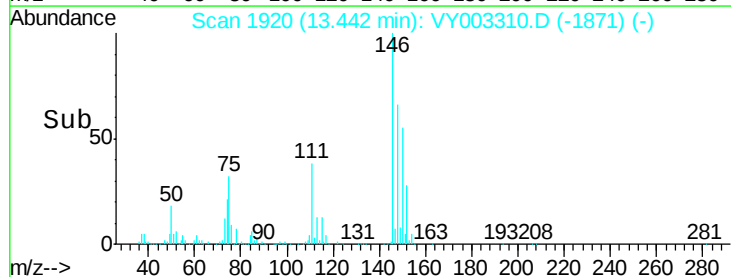
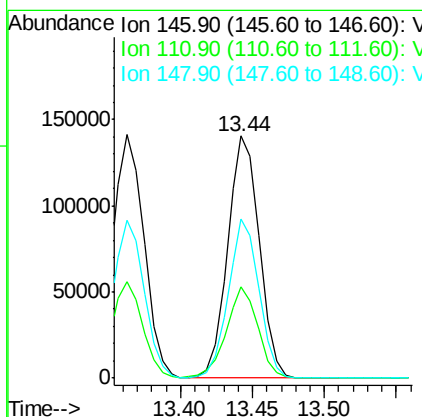
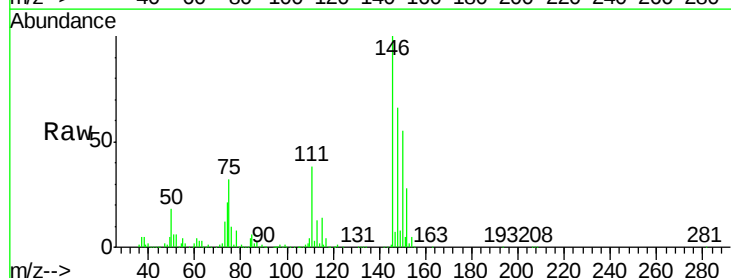
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

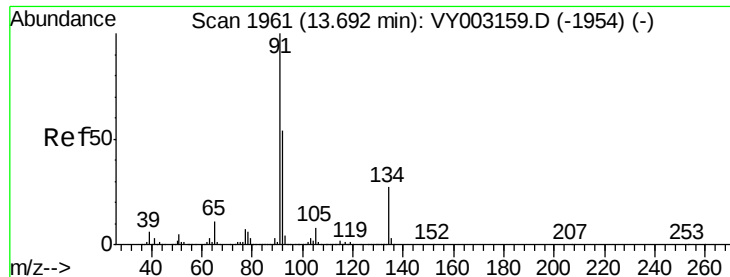
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.8	56.3
148	64.6	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 21.824 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	63.9	32.0	96.0

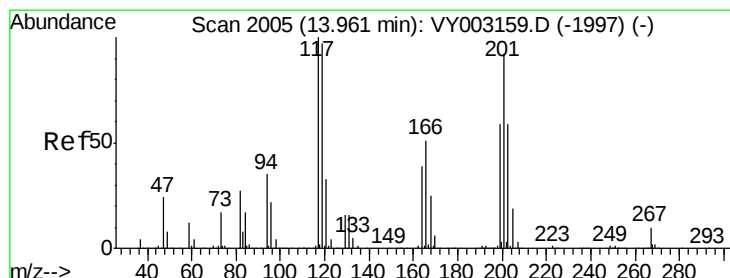
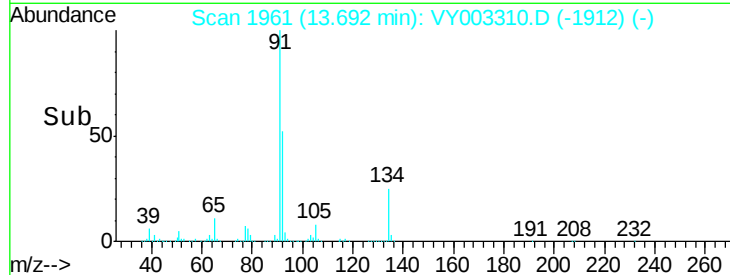
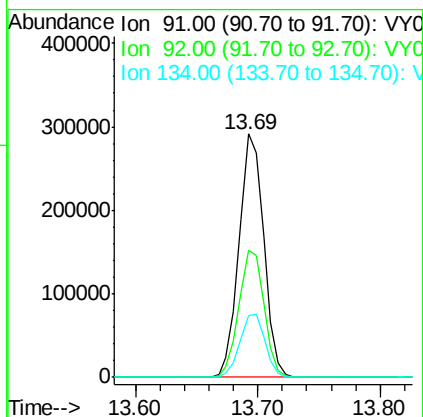
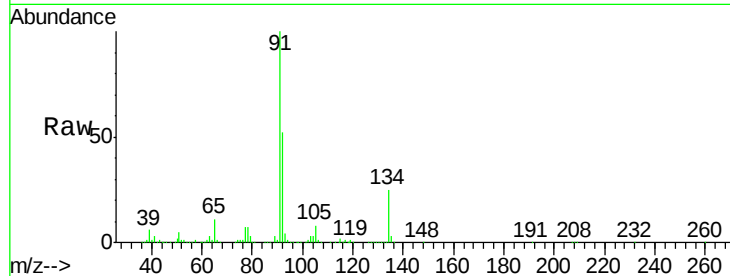




#89
n-Butylbenzene
Concen: 22.123 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

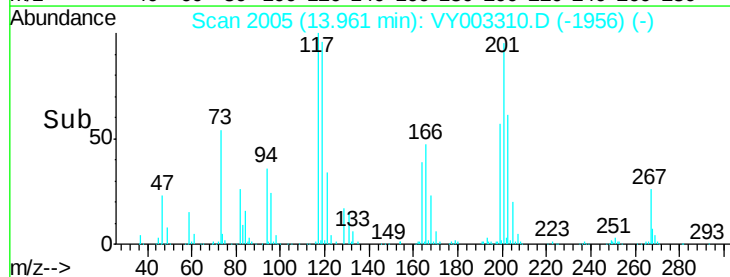
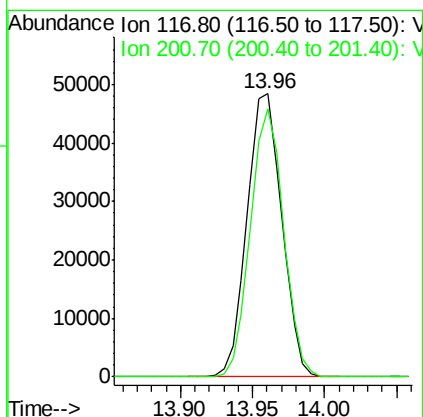
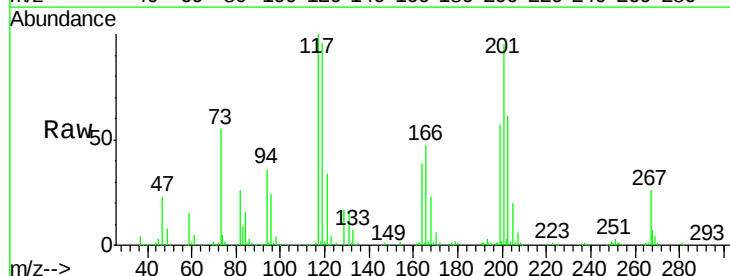
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

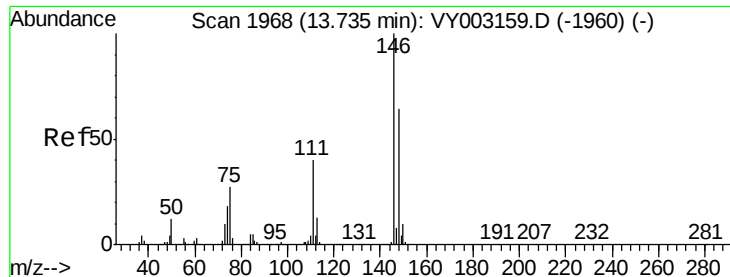
Tot Ion:	91	Resp:	406586
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	26.5	13.6	40.7



#90
Hexachloroethane
Concen: 22.743 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion:	117	Resp:	80925
Ion	Ratio	Lower	Upper
117	100		
201	89.8	45.1	135.3

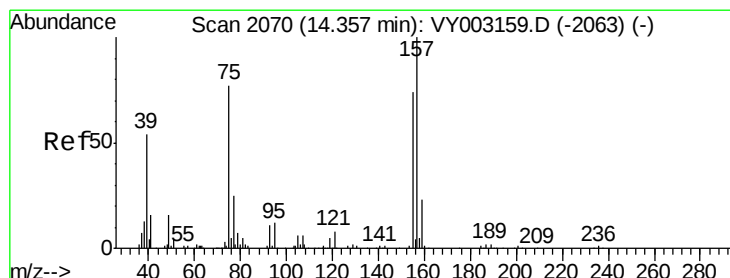
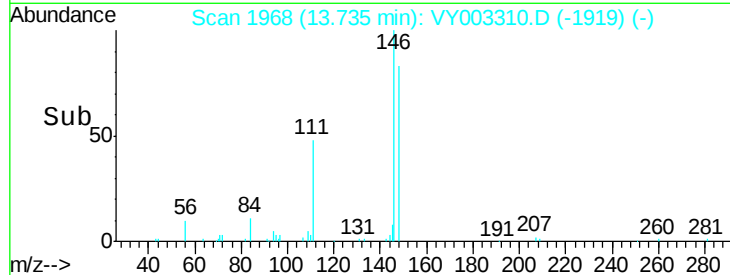
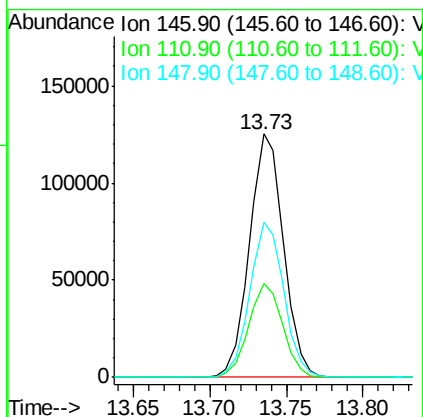
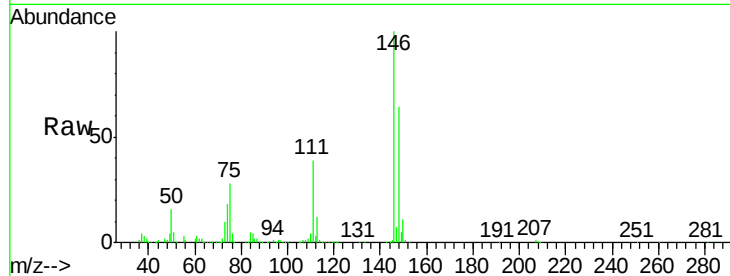




#91
 1,2-Dichlorobenzene
 Concen: 22.087 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

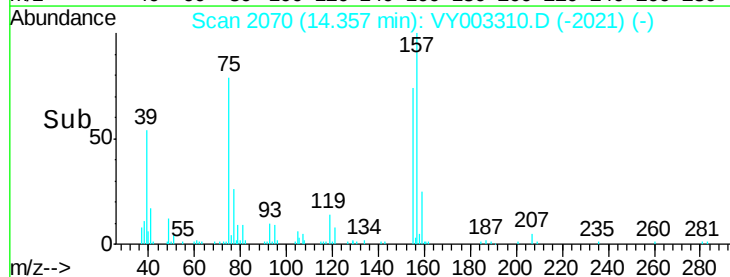
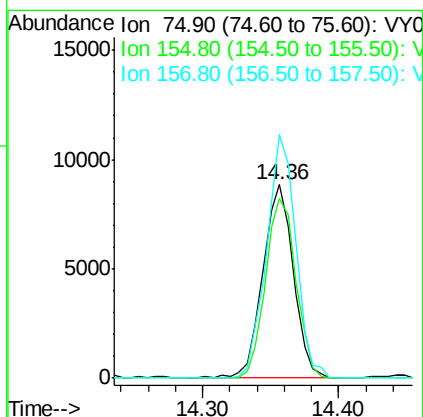
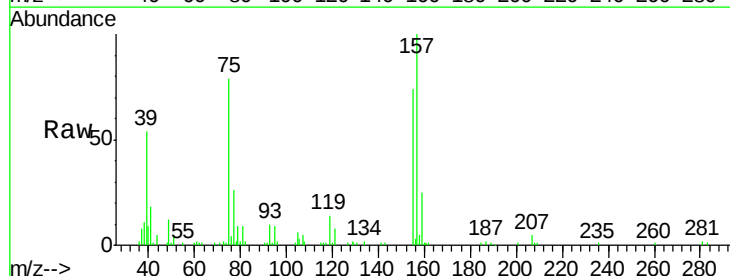
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

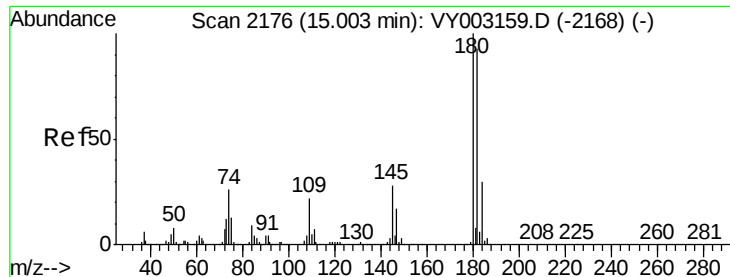
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	63.9	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.572 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	48.1	144.3
157	120.3	61.9	185.6

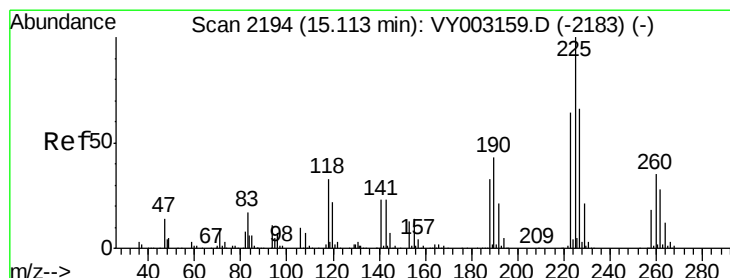
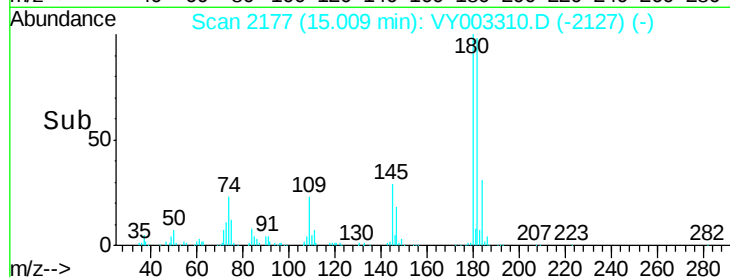
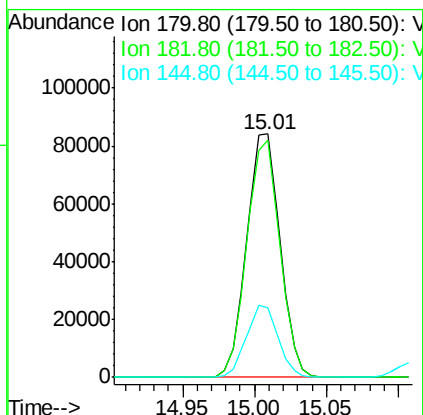
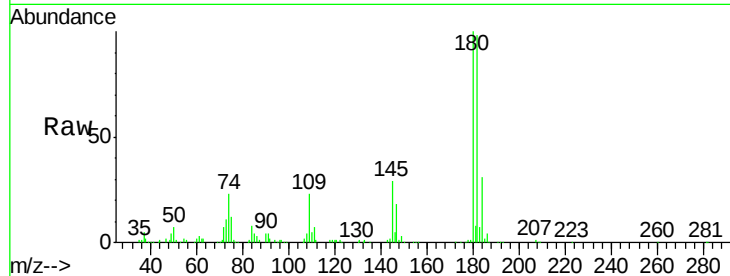




#93
 1,2,4-Trichlorobenzene
 Concen: 21.586 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

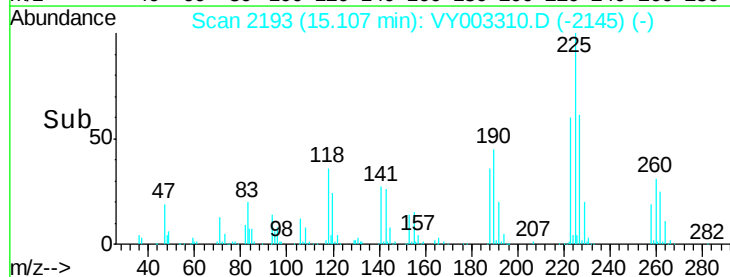
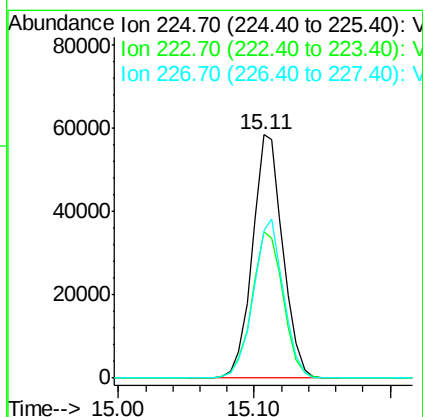
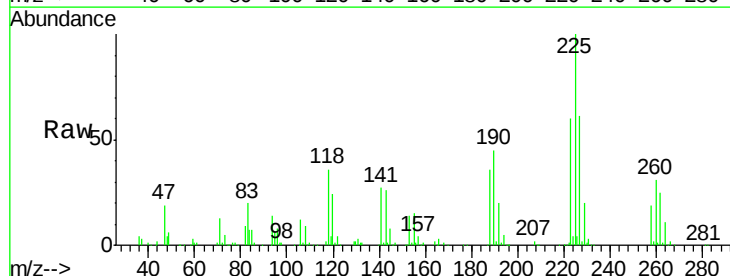
Instrument :
 MSVOA_Y
 ClientSampled :
 VY0723SBS01

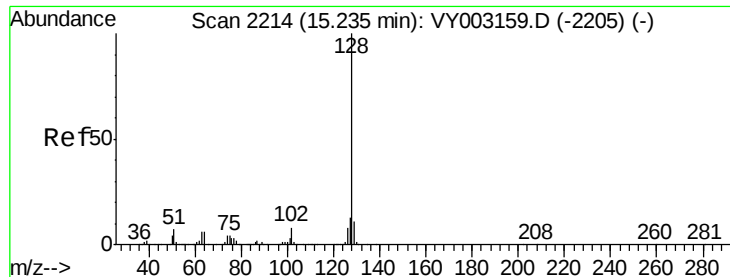
Tot Ion:180 Resp: 134491
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 142.0
 145 28.4 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 21.317 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003310.D
 Acq: 23 Jul 2020 12:33

Tgt Ion:225 Resp: 91005
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 94.7
 227 64.4 32.3 96.8

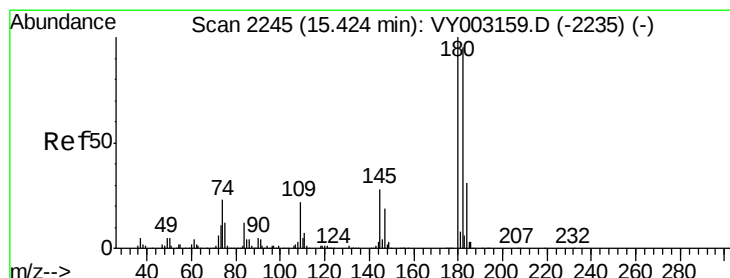
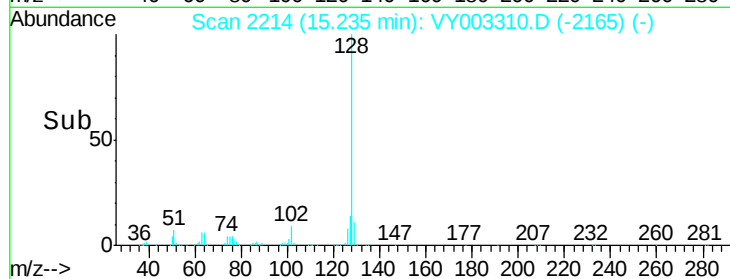
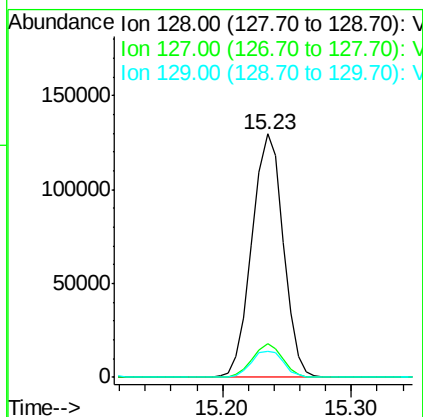
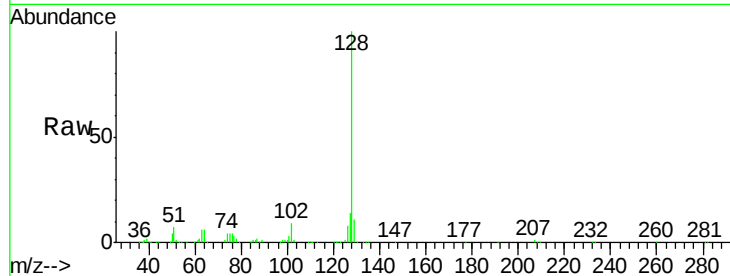




#95
Naphthalene
Concen: 21.150 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion:128 Resp: 217776
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 11.2 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 21.829 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003310.D
Acq: 23 Jul 2020 12:33

Tgt Ion:180 Resp: 107507
Ion Ratio Lower Upper
180 100
182 95.4 48.8 146.3
145 29.3 14.9 44.5

