

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003164.D
 Acq On : 10 Jul 2020 15:34
 Operator : SY/MD
 Sample : VY0710SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Quant Time: Jul 11 06:01:03 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	482255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	704335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	637846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	338513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	195316	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.72	113	194824	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	10.18	98	708541	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.48	95	257448	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	77648	22.465	ug/l	98
3) Chloromethane	2.12	50	100309	20.922	ug/l	99
4) Vinyl Chloride	2.26	62	104370	21.217	ug/l	100
5) Bromomethane	2.64	94	81102	22.197	ug/l	100
6) Chloroethane	2.79	64	68824	21.302	ug/l	96
7) Trichlorofluoromethane	3.13	101	147883	21.051	ug/l	99
8) Diethyl Ether	3.54	74	48305	20.520	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	89522	21.100	ug/l	99
10) Methyl Iodide	4.10	142	90908	19.722	ug/l	99
11) Tert butyl alcohol	4.96	59	42587	96.758	ug/l	99
12) 1,1-Dichloroethene	3.88	96	83625	20.839	ug/l	98
13) Acrolein	3.74	56	36719	96.116	ug/l	97
14) Allyl chloride	4.49	41	124484	20.905	ug/l	100
15) Acrylonitrile	5.18	53	115087	101.776	ug/l	99
16) Acetone	3.95	43	89105	98.003	ug/l	100
17) Carbon Disulfide	4.20	76	263476	21.396	ug/l	97
18) Methyl Acetate	4.49	43	51126	20.248	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	229187	20.379	ug/l	99
20) Methylene Chloride	4.72	84	105396	19.710	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	93352	20.567	ug/l	94
22) Diisopropyl ether	6.13	45	273679	20.709	ug/l	98
23) Vinyl Acetate	6.07	43	888804	100.903	ug/l	100
24) 1,1-Dichloroethane	6.02	63	160202	20.924	ug/l	99
25) 2-Butanone	6.99	43	146646	98.233	ug/l	94
26) 2,2-Dichloropropane	6.99	77	146490	21.245	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	104589	20.928	ug/l	100
28) Bromochloromethane	7.35	49	70813	21.362	ug/l	98
29) Tetrahydrofuran	7.36	42	101229	100.940	ug/l	99
30) Chloroform	7.52	83	164458	20.855	ug/l	96
31) Cyclohexane	7.79	56	152947	20.658	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	148664	20.941	ug/l	98
36) 1,1-Dichloropropene	7.93	75	131522	20.603	ug/l	99
37) Ethyl Acetate	7.08	43	69673	20.267	ug/l	99
38) Carbon Tetrachloride	7.91	117	135146	20.507	ug/l	97

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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)
39) Methylcyclohexane	9.19	83	161922	20.192	ug/l	98
40) Benzene	8.16	78	361026	20.540	ug/l	98
41) Methacrylonitrile	7.35	41	94373	45.581	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	109155	20.172	ug/l	99
43) Isopropyl Acetate	8.28	43	129603	19.477	ug/l	99
44) Trichloroethene	8.94	130	108935	20.217	ug/l	98
45) 1,2-Dichloropropane	9.22	63	92907	20.427	ug/l	97
46) Dibromomethane	9.31	93	53804	20.254	ug/l	99
47) Bromodichloromethane	9.50	83	129426	20.486	ug/l	100
48) Methyl methacrylate	9.30	41	57830	19.440	ug/l	99
49) 1,4-Dioxane	9.30	88	14098	418.161	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	337447	97.565	ug/l	100
52) Toluene	10.24	92	229555	20.433	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	131328	20.063	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	149866	19.871	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	74971	19.917	ug/l	97
56) Ethyl methacrylate	10.51	69	103407	20.206	ug/l	99
57) 1,3-Dichloropropane	10.79	76	128142	20.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	260561	99.832	ug/l	99
59) 2-Hexanone	10.83	43	237274	98.274	ug/l	99
60) Dibromochloromethane	10.99	129	94775	20.018	ug/l	98
61) 1,2-Dibromoethane	11.09	107	73840	19.875	ug/l	98
64) Tetrachloroethene	10.72	164	117220	20.611	ug/l	99
65) Chlorobenzene	11.52	112	255431	20.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	96105	20.137	ug/l	99
67) Ethyl Benzene	11.59	91	452136	20.608	ug/l	100
68) m/p-Xylenes	11.70	106	341713	41.049	ug/l	99
69) o-Xylene	12.03	106	160381	20.623	ug/l	100
70) Styrene	12.04	104	275451	20.705	ug/l	99
71) Bromoform	12.20	173	61928	19.771	ug/l #	98
73) Isopropylbenzene	12.33	105	442942	20.533	ug/l	100
74) N-amyl acetate	12.14	43	123161	20.347	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	83153	19.958	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	115120	38.419	ug/l #	100
77) Bromobenzene	12.61	156	112577	20.473	ug/l	99
78) n-propylbenzene	12.67	91	526811	20.717	ug/l	100
79) 2-Chlorotoluene	12.75	91	293162	20.664	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	376063	20.916	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30411	19.752	ug/l	96
82) 4-Chlorotoluene	12.85	91	307218	20.746	ug/l	100
83) tert-Butylbenzene	13.08	119	330374	20.825	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	376215	20.796	ug/l	98
85) sec-Butylbenzene	13.25	105	453709	20.808	ug/l	99
86) p-Isopropyltoluene	13.37	119	423096	20.781	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	212077	20.395	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	211410	20.535	ug/l	98
89) n-Butylbenzene	13.70	91	400859	20.932	ug/l	100
90) Hexachloroethane	13.96	117	74426	20.074	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	190147	20.837	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13191	19.529	ug/l	98

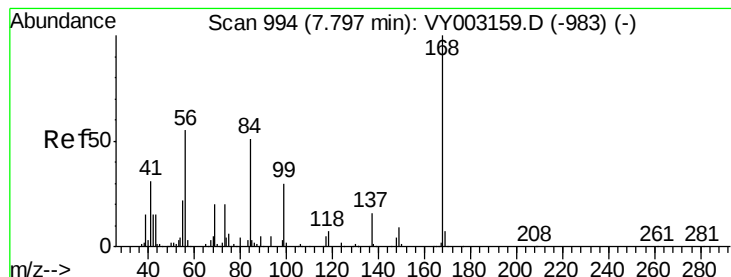
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	132608	20.427	ug/l	99
94) Hexachlorobutadiene	15.11	225	93386	20.993	ug/l	99
95) Naphthalene	15.23	128	212984	19.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	101504	19.779	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

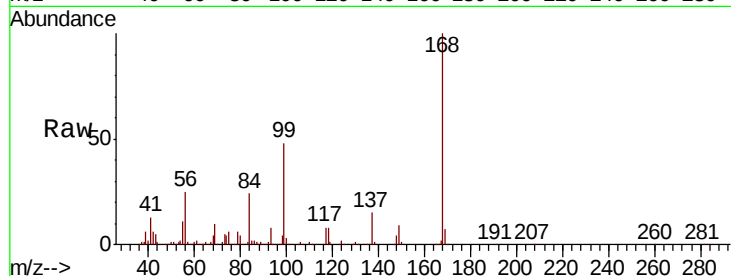
VY0710SBS01

Tot Ion:168 Resp: 482255

Ion Ratio Lower Upper

168 100

99 48.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

250000

200000

150000

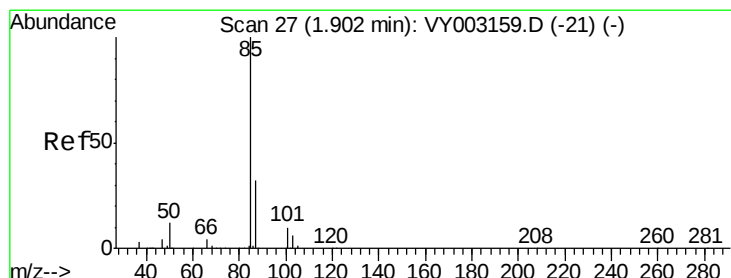
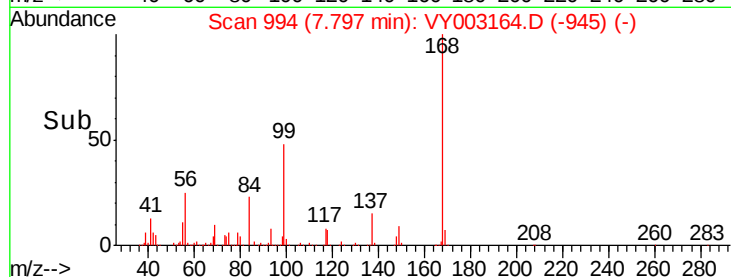
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.465 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003164.D

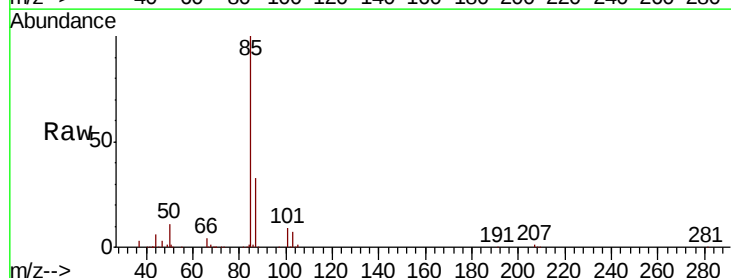
Acq: 10 Jul 2020 15:34

Tgt Ion: 85 Resp: 77648

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

50000

40000

30000

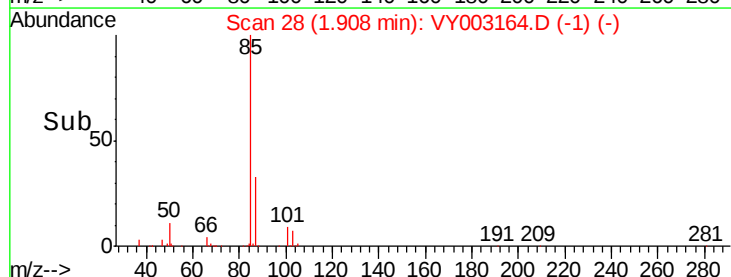
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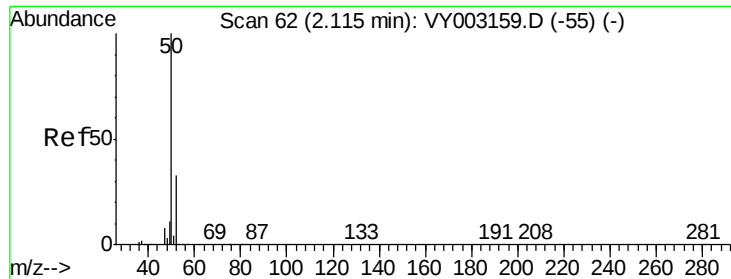
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.922 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

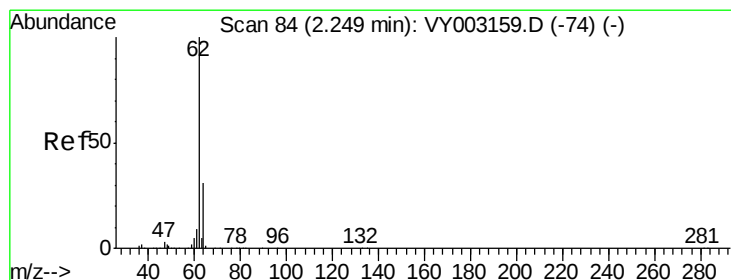
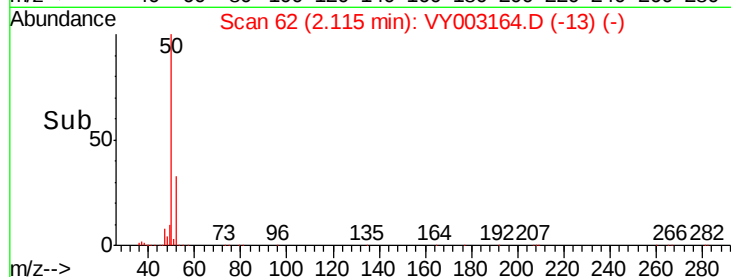
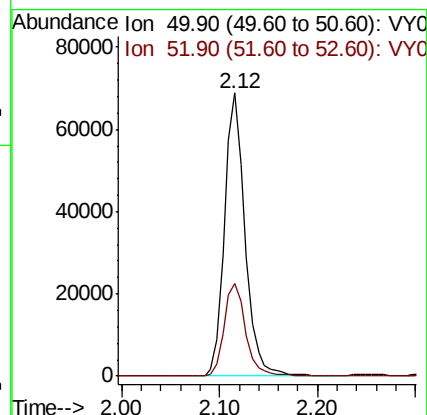
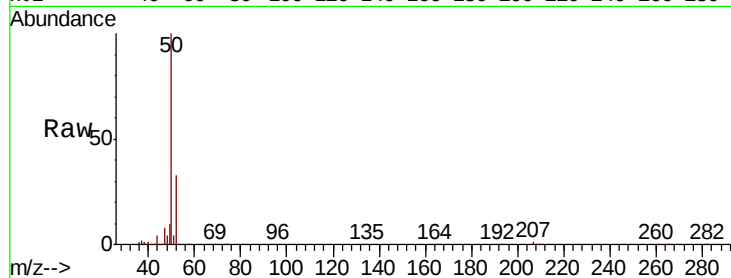
VY0710SBS01

Tot Ion: 50 Resp: 100309

Ion Ratio Lower Upper

50 100

52 32.7 26.6 39.8



#4

Vinyl Chloride

Concen: 21.217 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003164.D

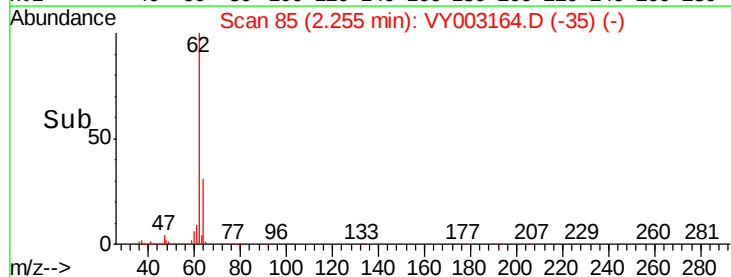
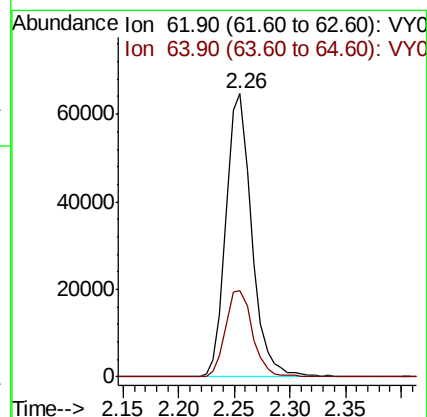
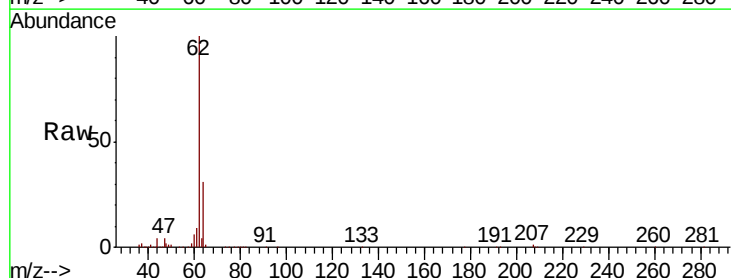
Acq: 10 Jul 2020 15:34

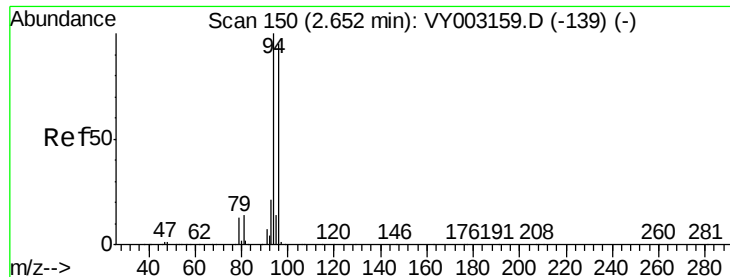
Tgt Ion: 62 Resp: 104370

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 22.197 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

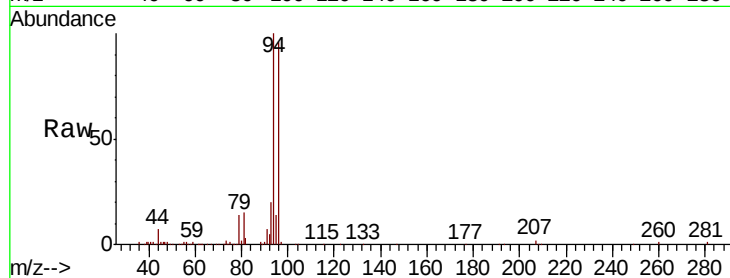
VY0710SBS01

Tot Ion: 94 Resp: 81102

Ion Ratio Lower Upper

94 100

96 95.4 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

40000

30000

20000

10000

0

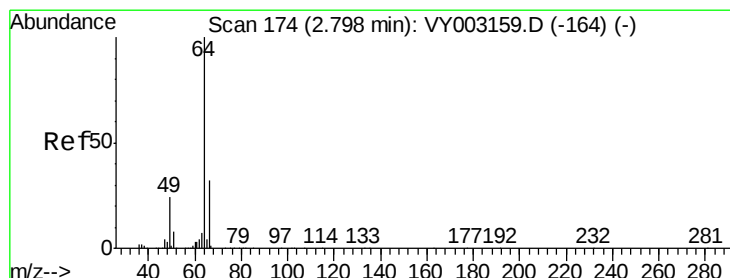
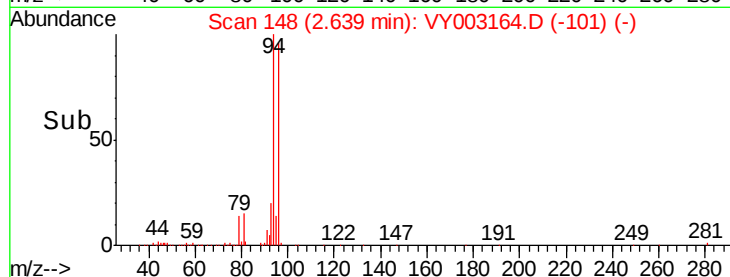
Time-->

2.50

2.60

2.70

2.80



#6

Chloroethane

Concen: 21.302 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003164.D

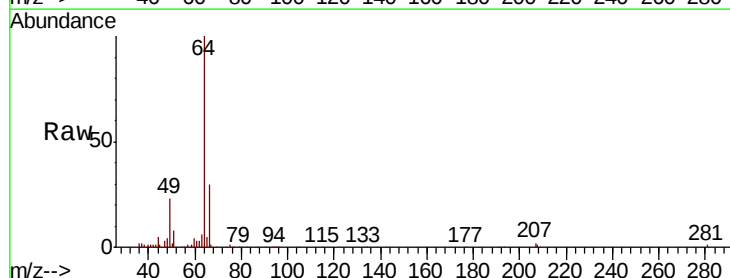
Acq: 10 Jul 2020 15:34

Tgt Ion: 64 Resp: 68824

Ion Ratio Lower Upper

64 100

66 30.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

20000

10000

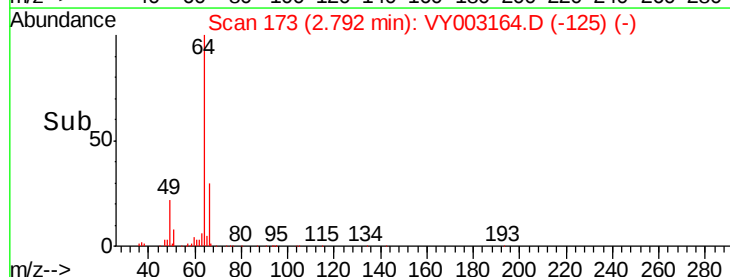
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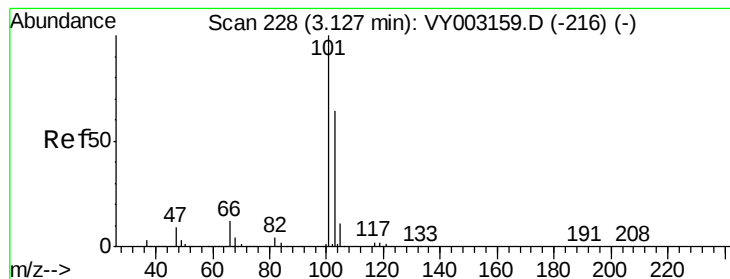
Time-->

2.70

2.80

2.90



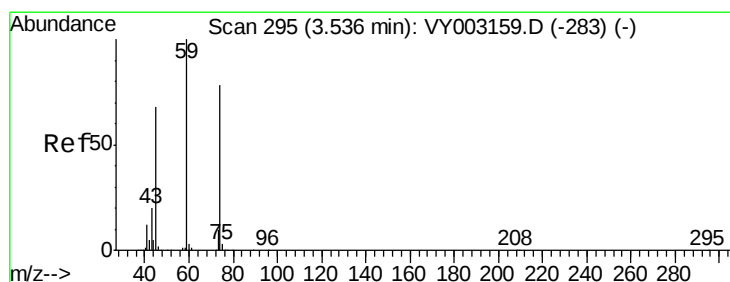
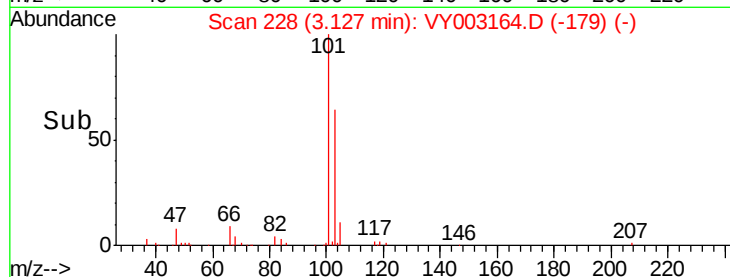
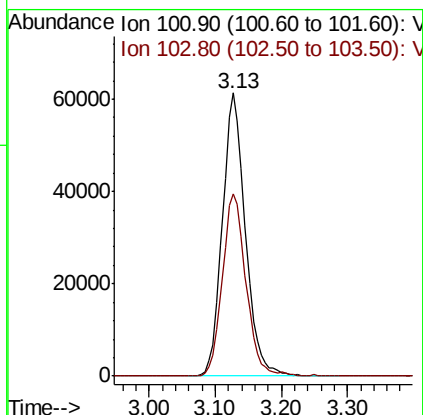
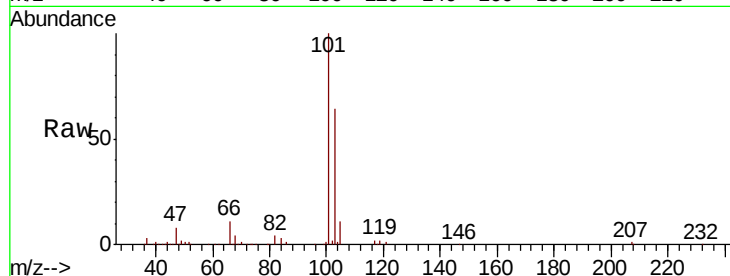


#7

Trichlorofluoromethane
 Concen: 21.051 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

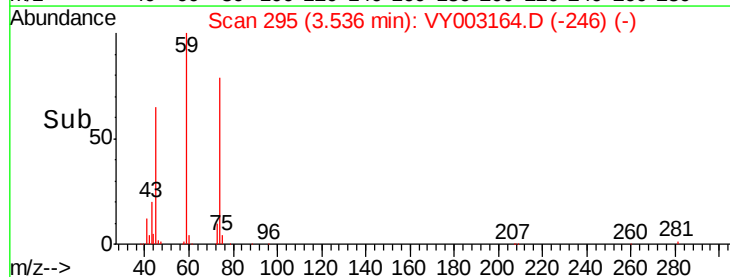
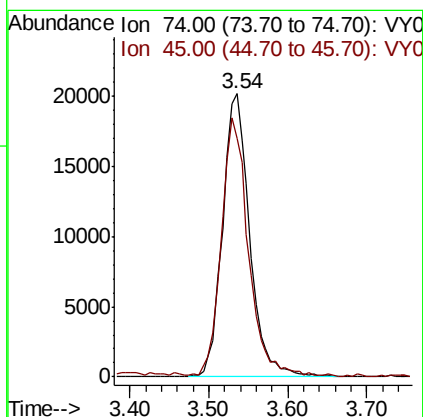
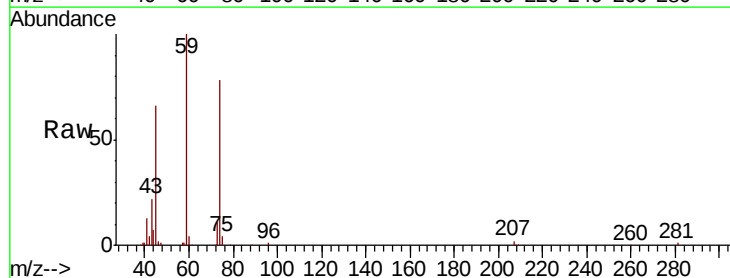
Tot Ion:101 Resp: 147883
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.3 76.9

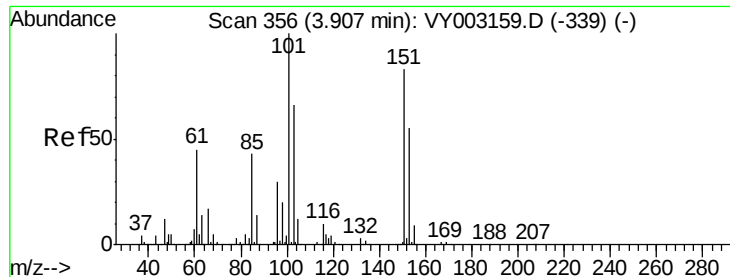


#8

Diethyl Ether
 Concen: 20.520 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion: 74 Resp: 48305
 Ion Ratio Lower Upper
 74 100
 45 89.8 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.100 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

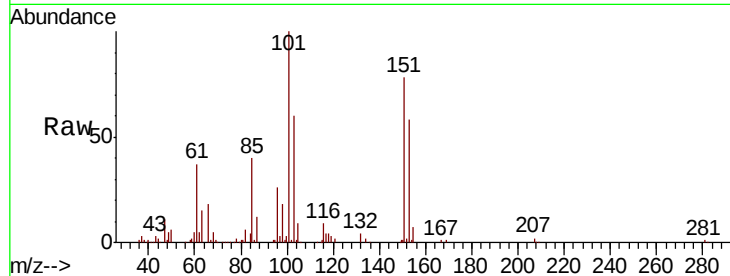
Tot Ion:101 Resp: 89522

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

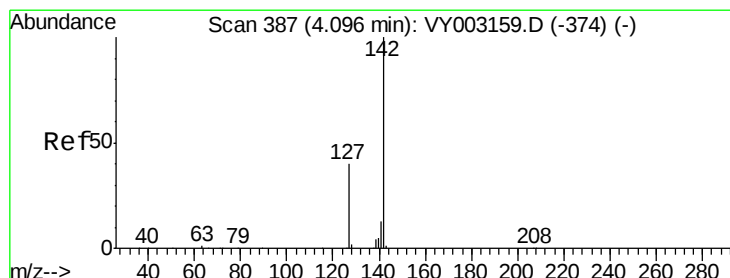
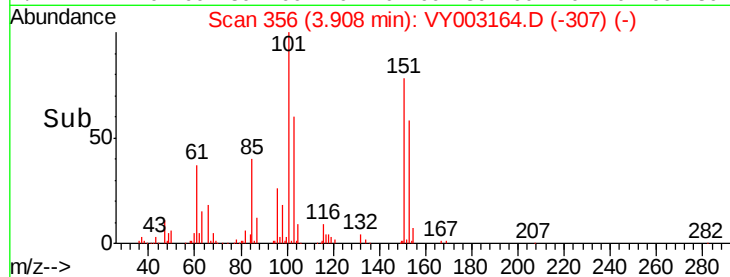
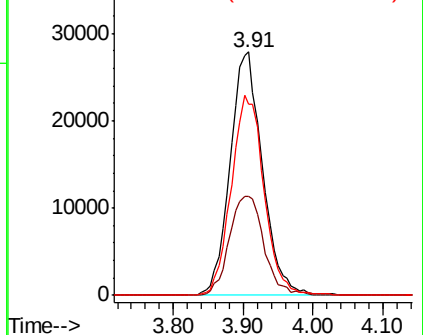
151 83.1 67.0 100.6



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: 19.722 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

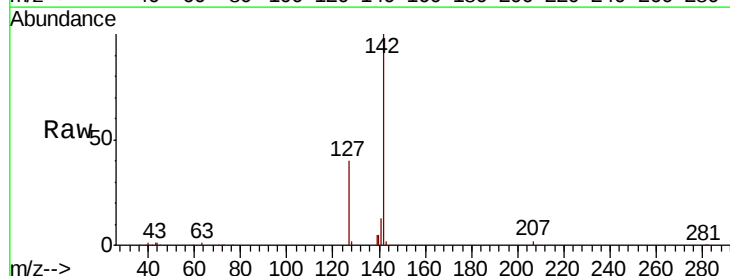
Tgt Ion:142 Resp: 90908

Ion Ratio Lower Upper

142 100

127 41.1 33.5 50.3

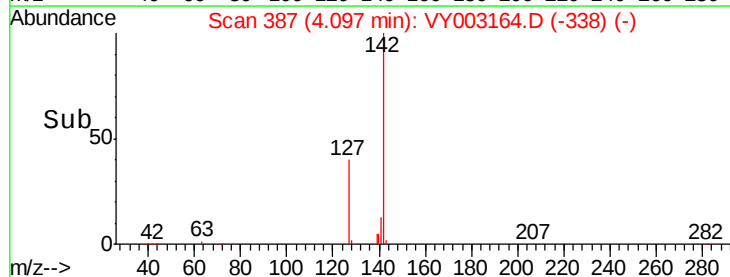
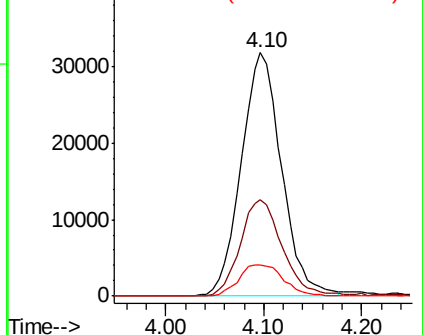
141 14.5 11.2 16.8

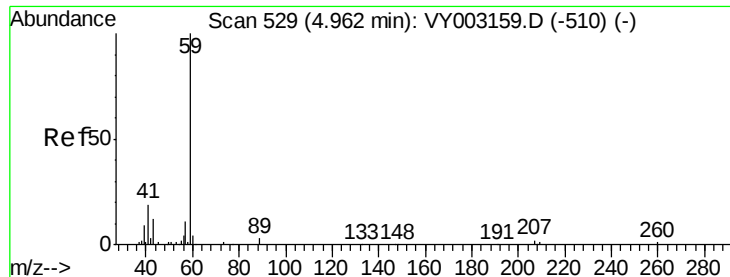


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

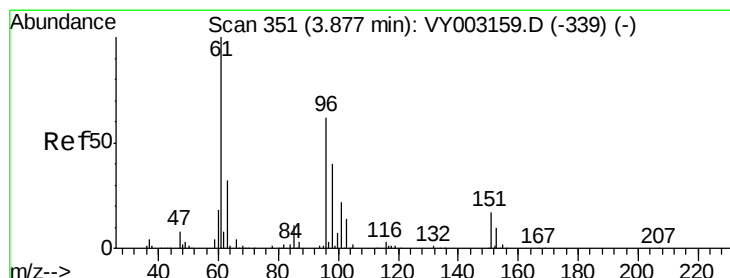
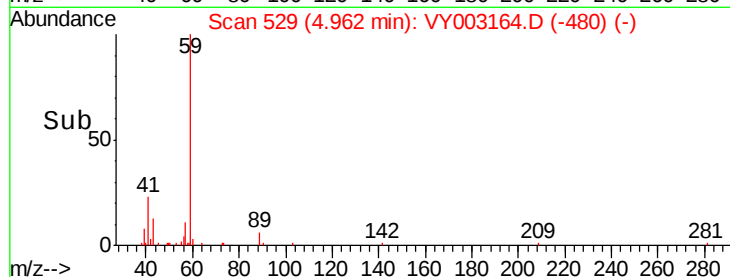
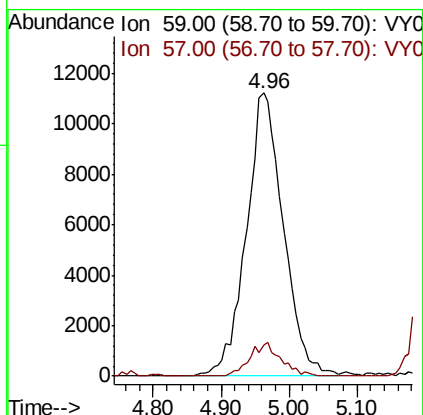
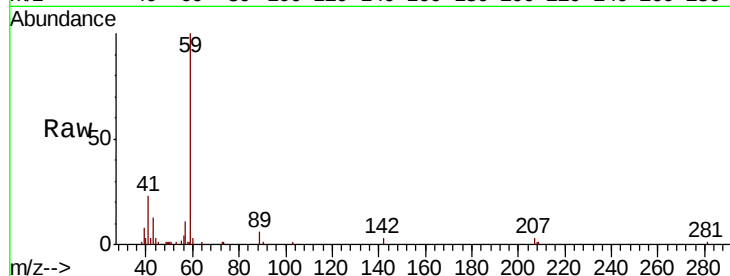




#11
Tert butyl alcohol
Concen: 96.758 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

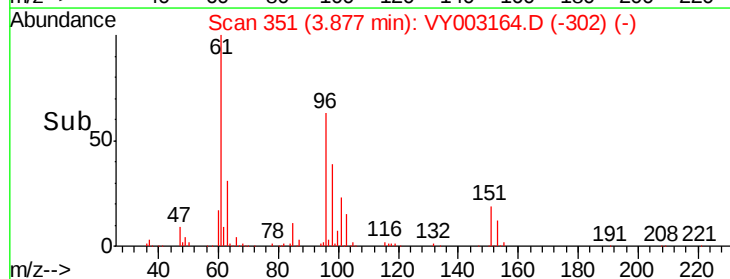
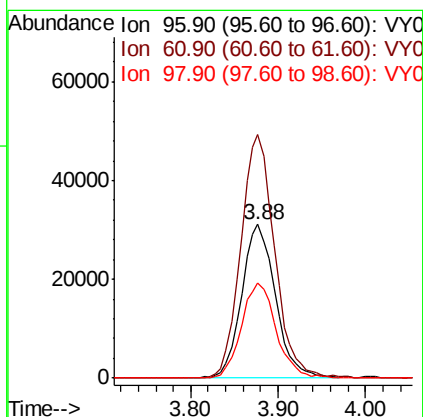
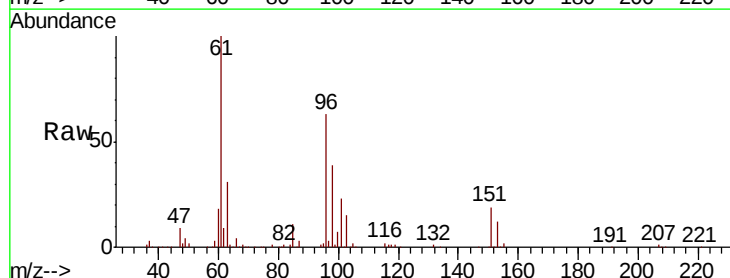
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

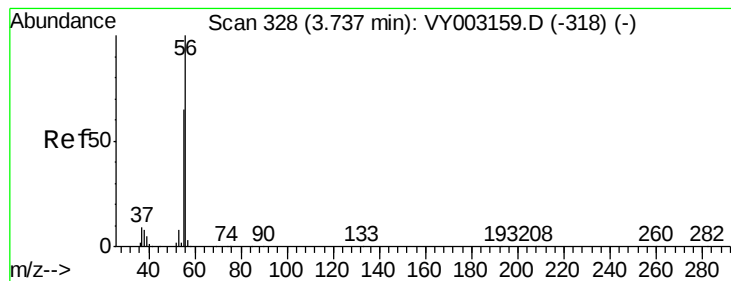
Tot Ion: 59 Resp: 42587
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.839 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion: 96 Resp: 83625
Ion Ratio Lower Upper
96 100
61 158.3 128.6 193.0
98 62.0 51.6 77.4





#13

Acrolein

Concen: 96.116 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

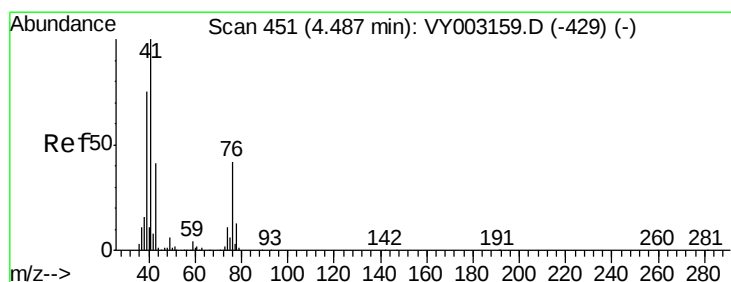
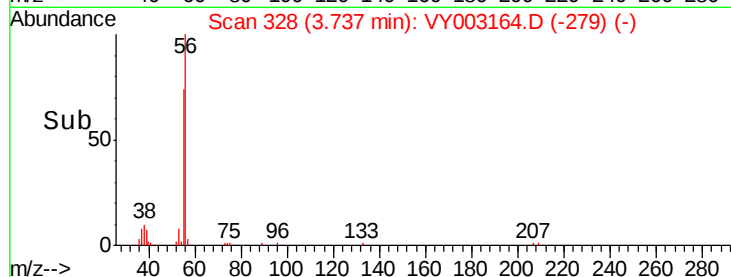
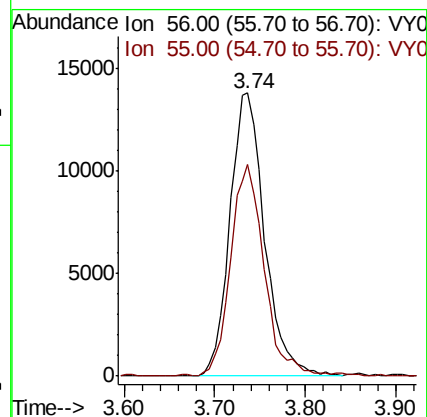
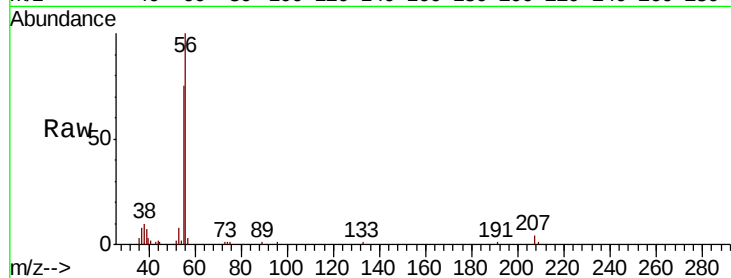
VY0710SBS01

Tot Ion: 56 Resp: 36719

Ion Ratio Lower Upper

56 100

55 72.2 56.0 84.0



#14

Allyl chloride

Concen: 20.905 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

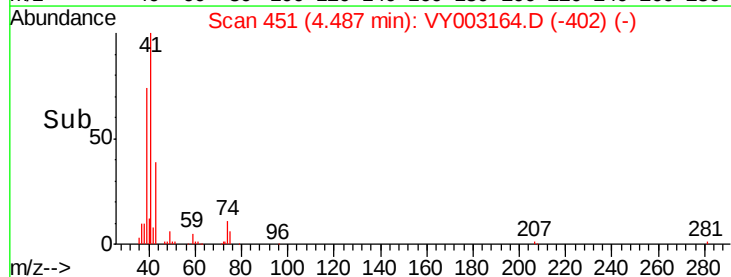
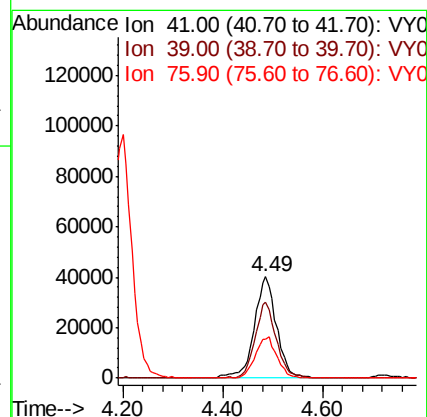
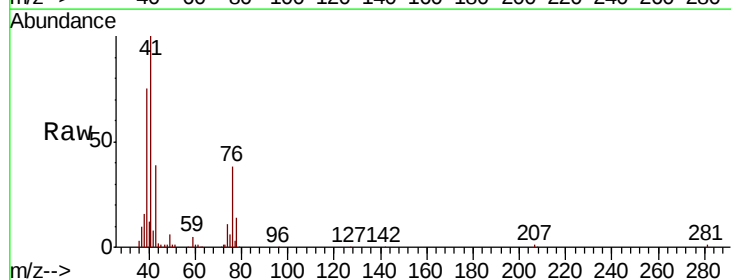
Tgt Ion: 41 Resp: 124484

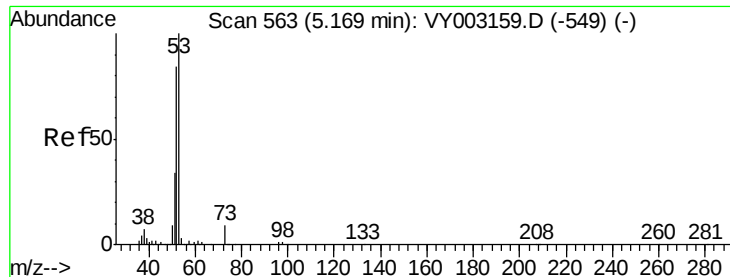
Ion Ratio Lower Upper

41 100

39 71.4 56.6 85.0

76 39.5 31.6 47.4





#15

Acrylonitrile

Concen: 101.776 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

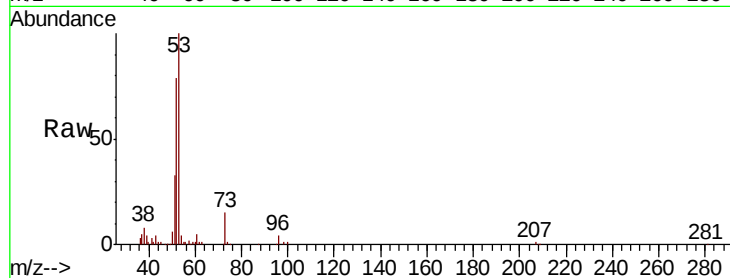
MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 53 Resp: 115087

Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.8	98.6
51	36.0	29.0	43.4

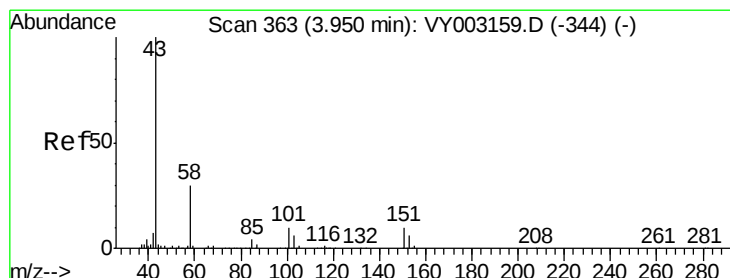
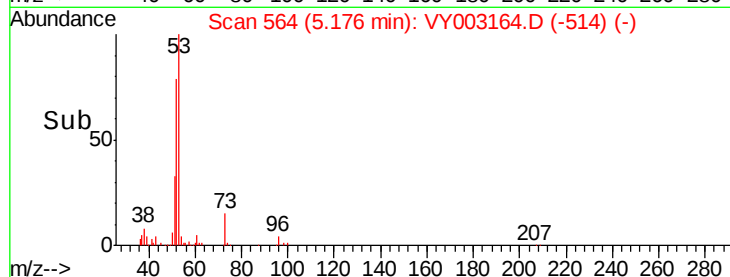
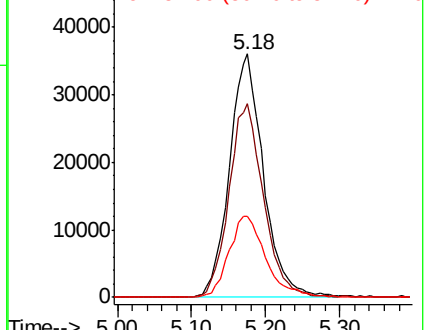


Abundance

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: 98.003 ug/l

RT: 3.95 min Scan# 363

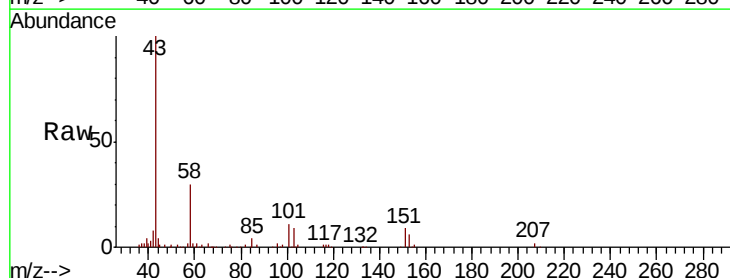
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion: 43 Resp: 89105

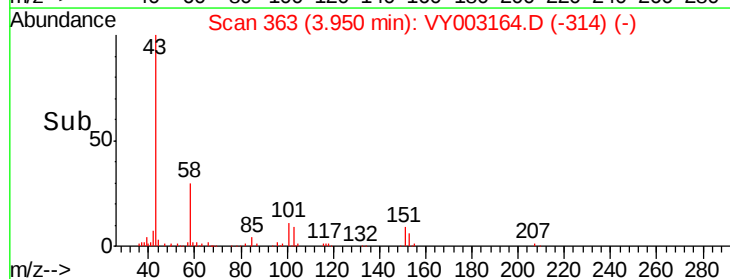
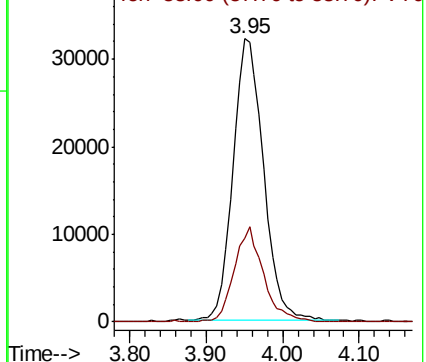
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.6

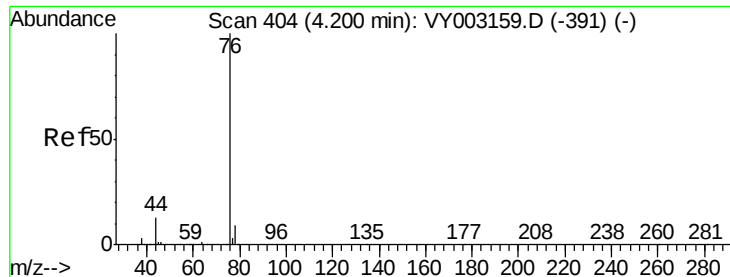


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

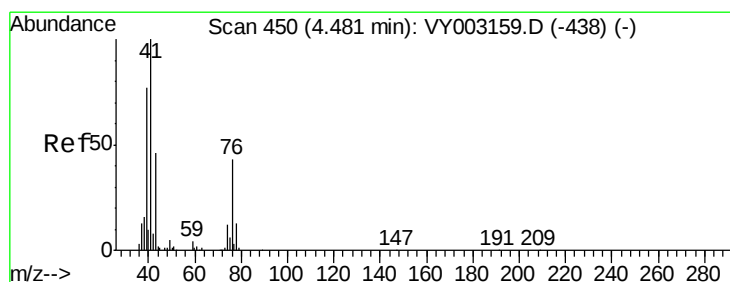
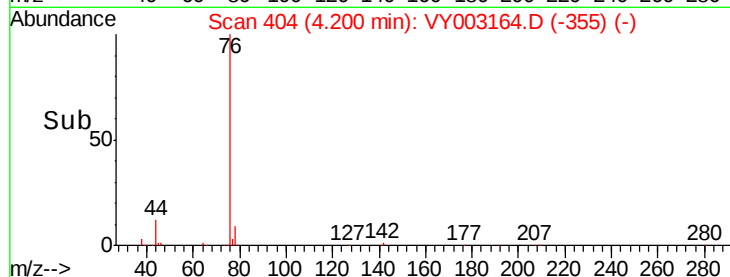
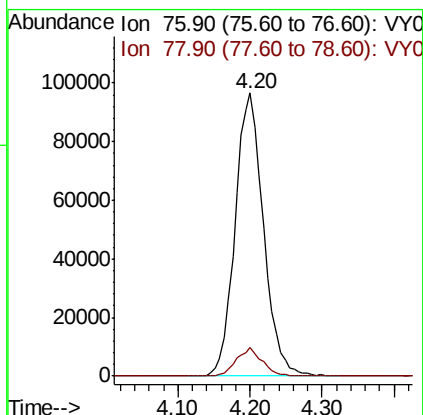
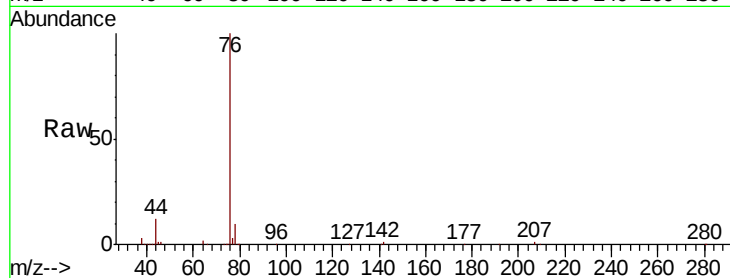




#17
Carbon Disulfide
Concen: 21.396 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

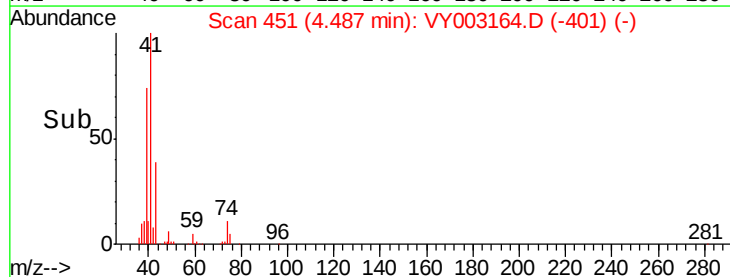
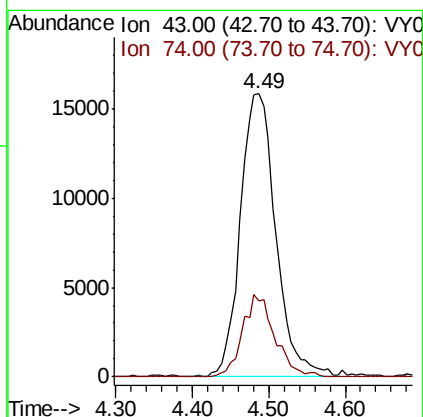
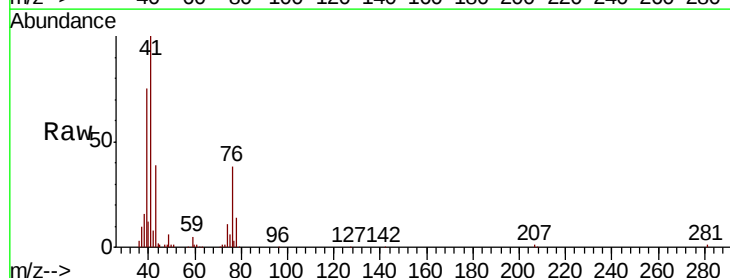
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

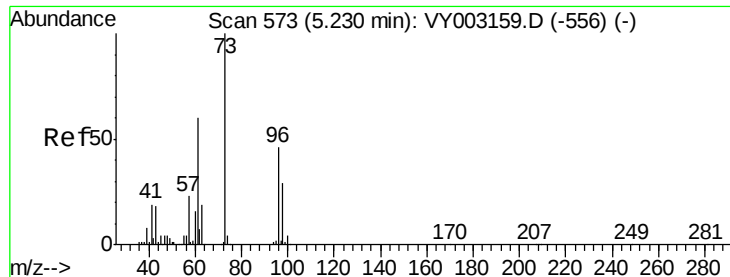
Tot Ion: 76 Resp: 263476
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 20.248 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion: 43 Resp: 51126
Ion Ratio Lower Upper
43 100
74 26.4 20.8 31.2

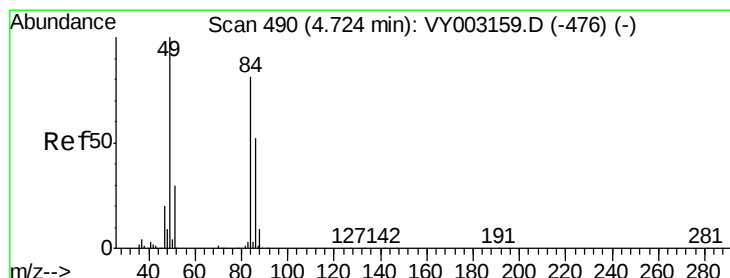
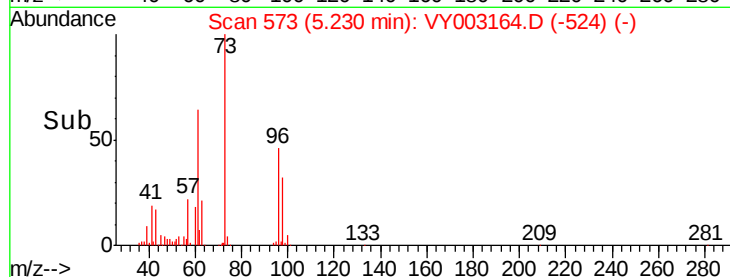
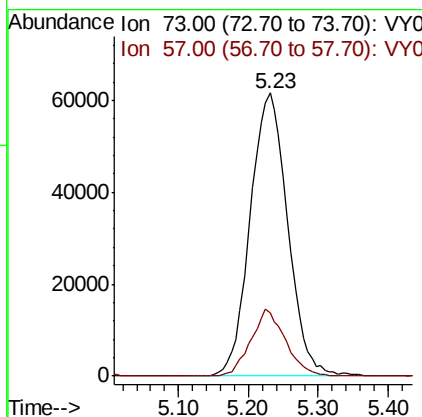
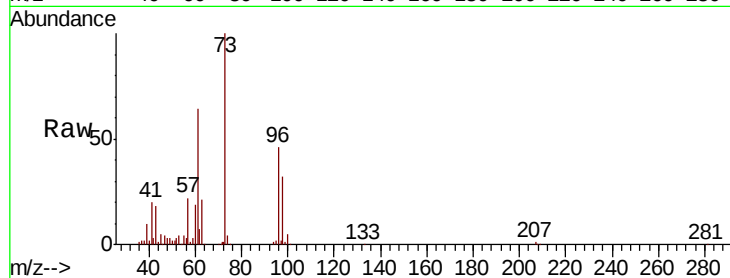




#19
Methvl tert-butvl Ether
Concen: 20.379 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

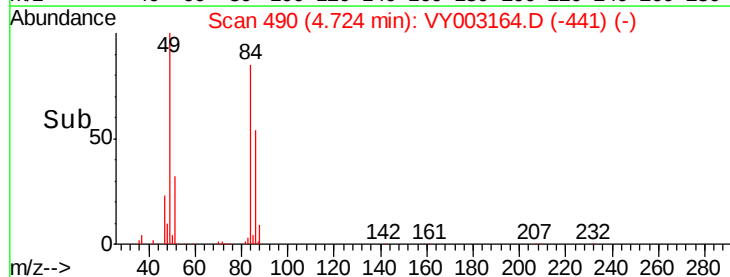
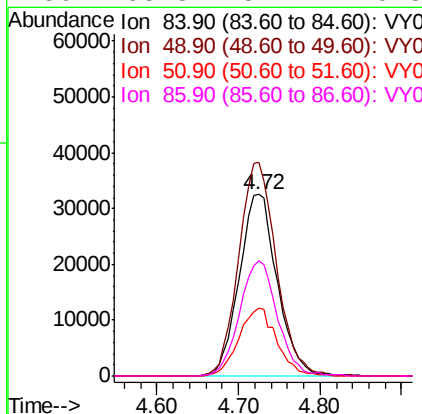
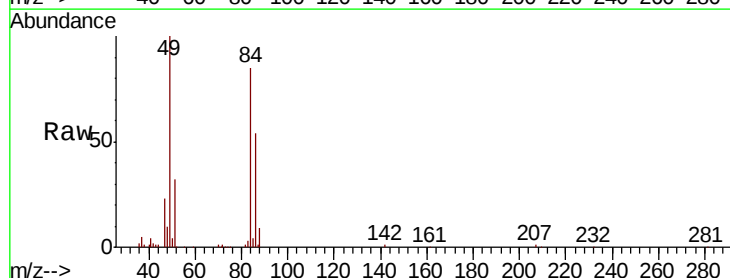
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

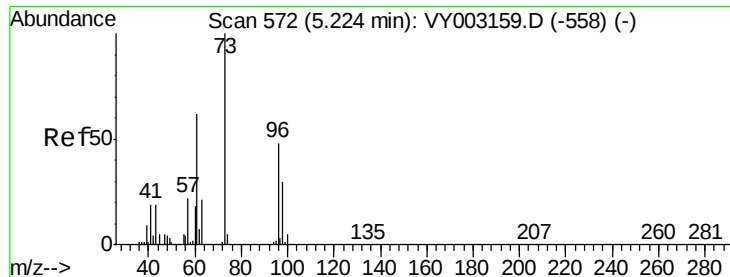
Tot Ion: 73 Resp: 229187
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1



#20
Methylene Chloride
Concen: 19.710 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion: 84 Resp: 105396
Ion Ratio Lower Upper
84 100
49 117.7 98.2 147.4
51 37.1 29.8 44.6
86 63.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.567 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

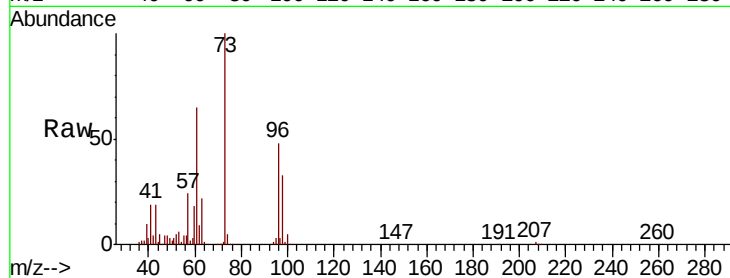
Tot Ion: 96 Resp: 93352

Ion Ratio Lower Upper

96 100

61 134.9 102.5 153.7

98 67.4 49.8 74.8

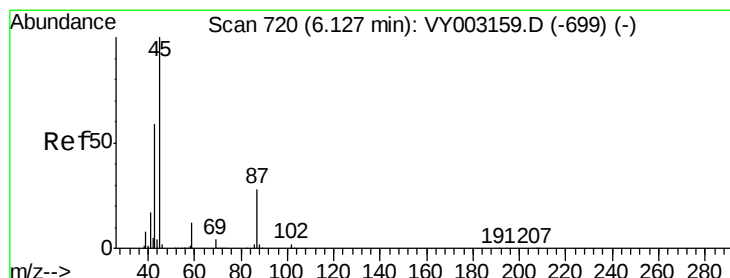
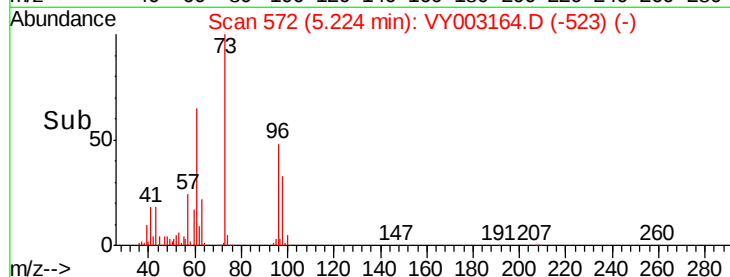
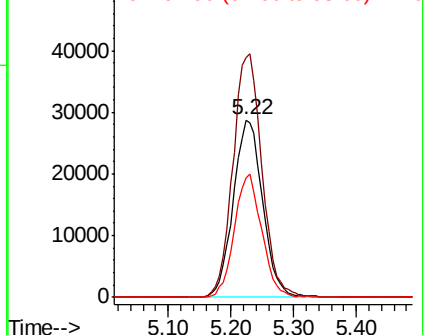


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.709 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion: 45 Resp: 273679

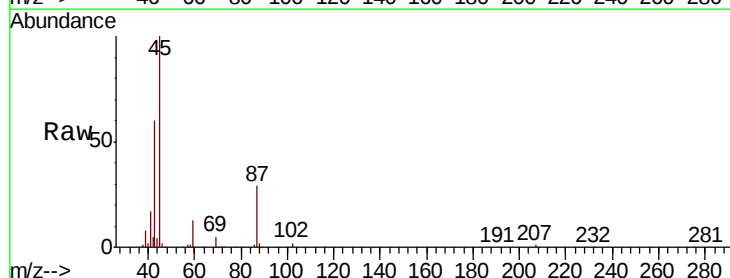
Ion Ratio Lower Upper

45 100

43 59.8 47.0 70.4

87 29.0 22.6 33.8

59 12.8 9.8 14.6



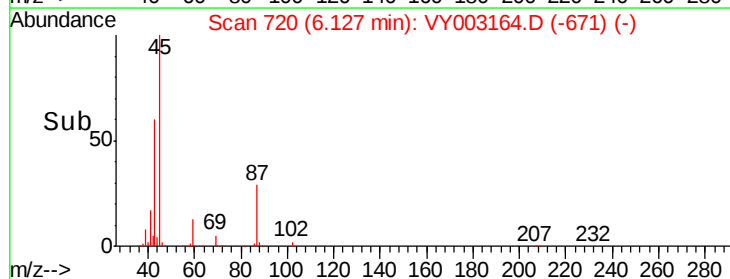
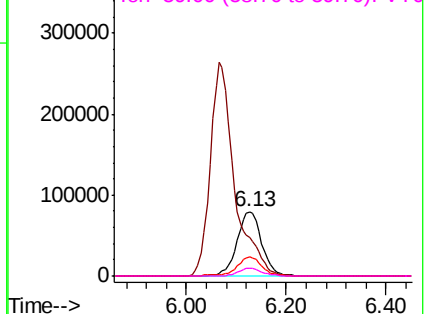
Abundance

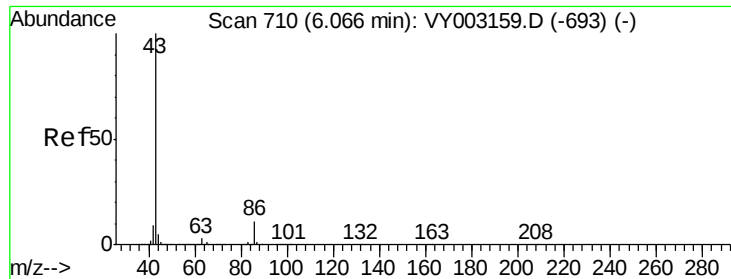
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 100.903 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

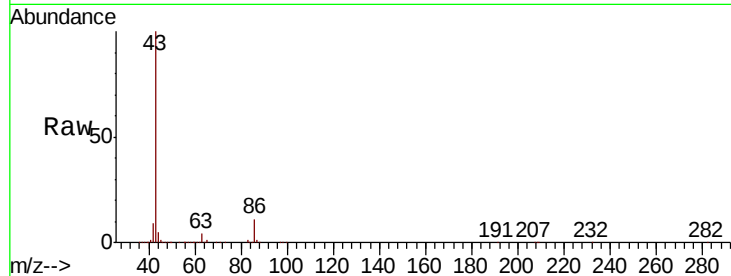
VY0710SBS01

Tot Ion: 43 Resp: 888804

Ion Ratio Lower Upper

43 100

86 11.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

250000

200000

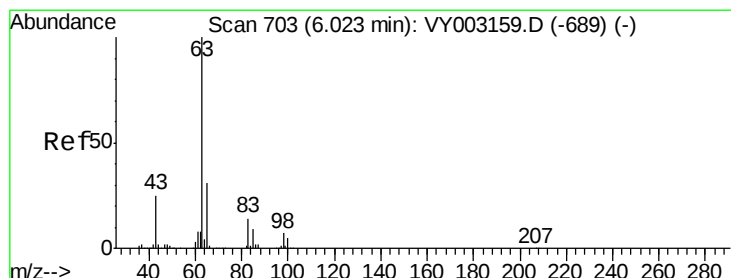
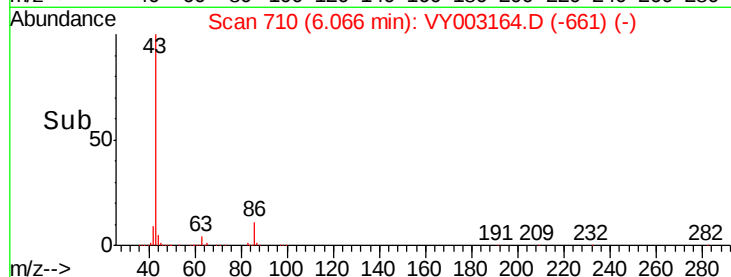
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.924 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

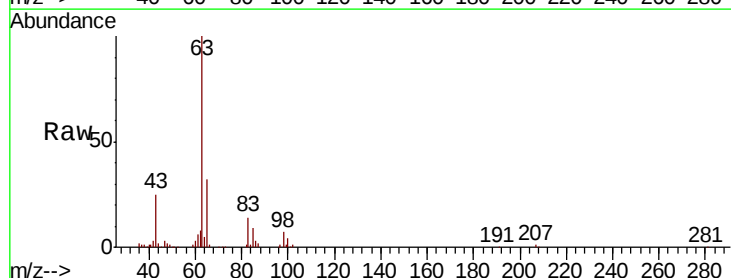
Tgt Ion: 63 Resp: 160202

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.0 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

6.02

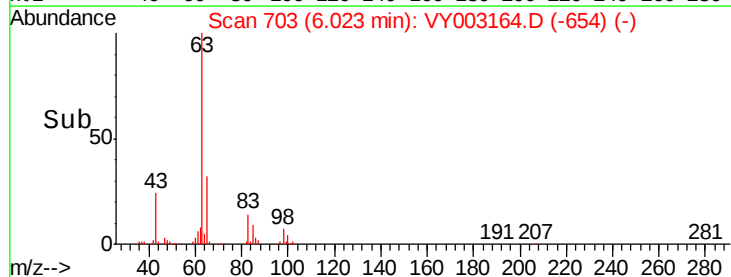
60000

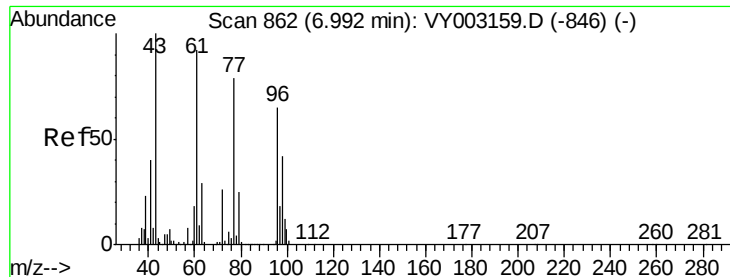
40000

20000

0

Time-->





#25

2-Butanone

Concen: 98.233 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

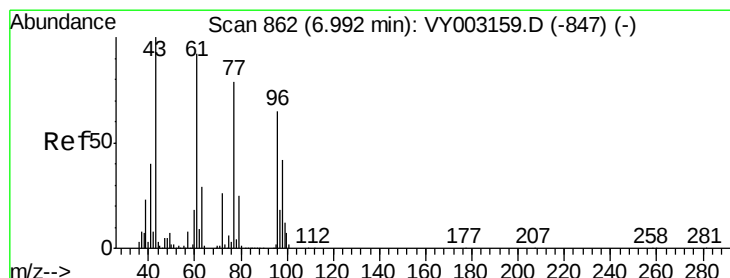
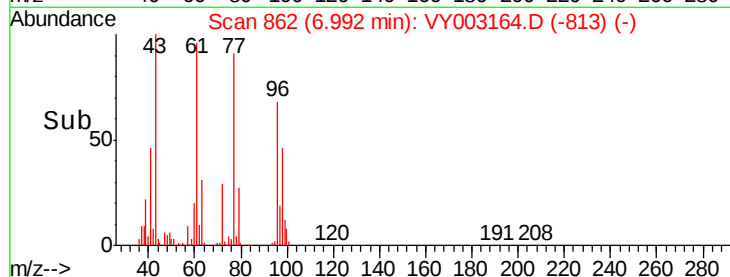
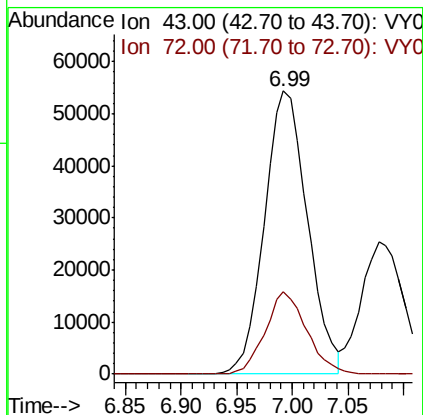
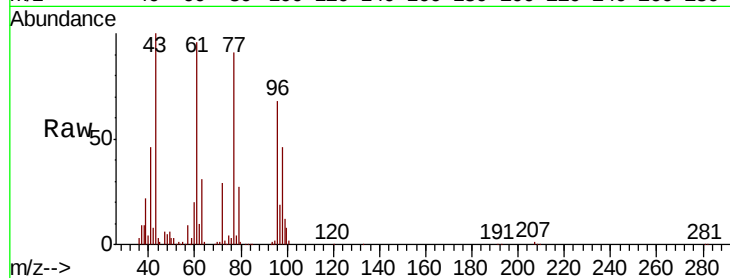
VY0710SBS01

Tot Ion: 43 Resp: 146646

Ion Ratio Lower Upper

43 100

72 29.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.245 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003164.D

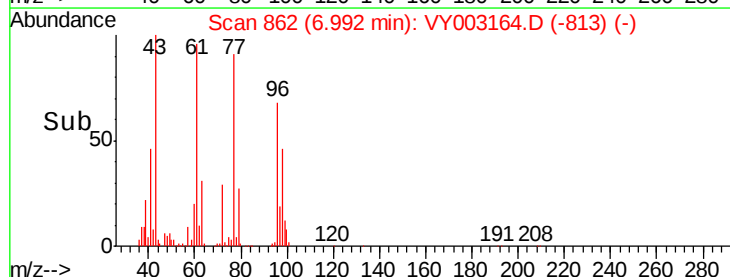
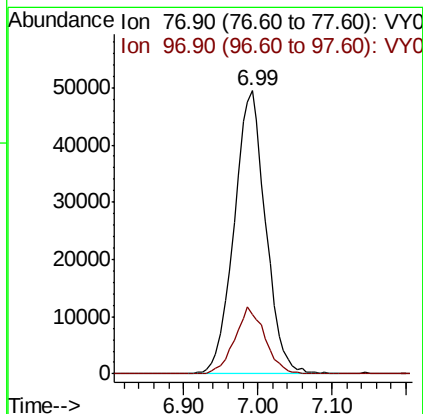
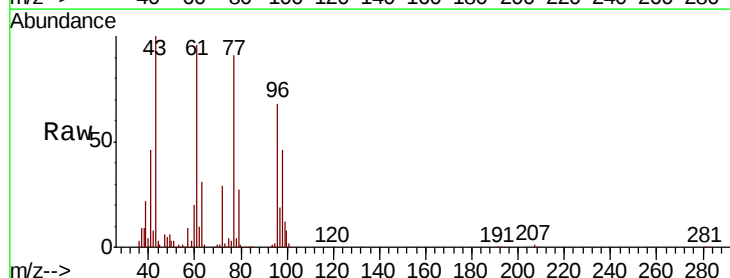
Acq: 10 Jul 2020 15:34

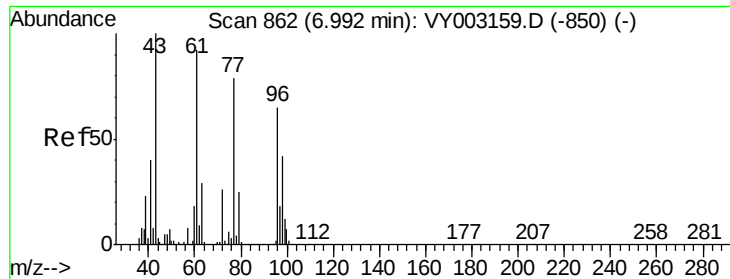
Tgt Ion: 77 Resp: 146490

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7



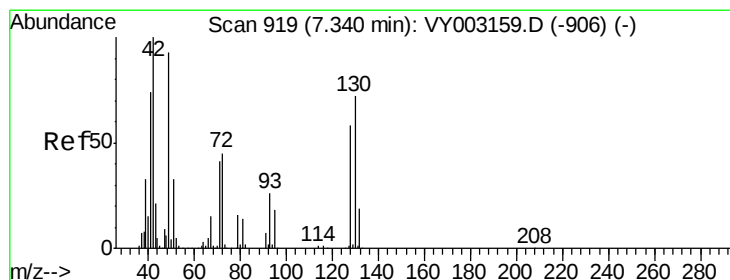
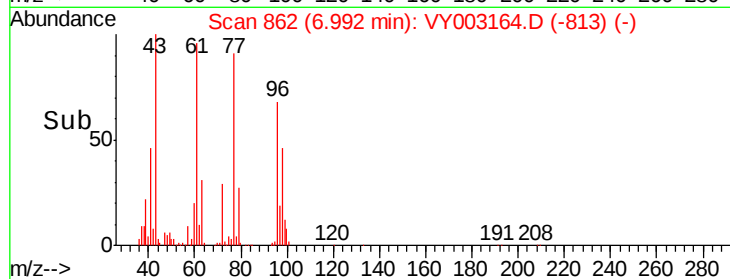
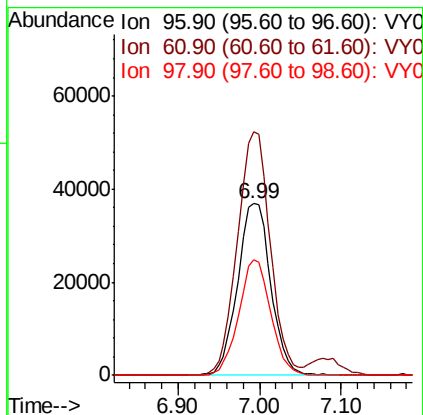
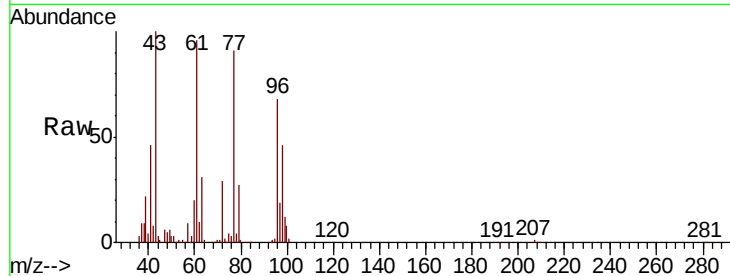


#27

cis-1,2-Dichloroethene
 Concen: 20.928 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

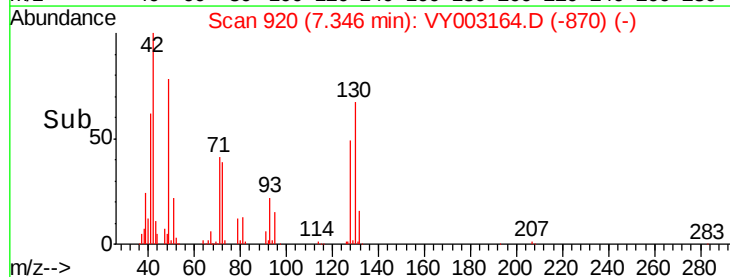
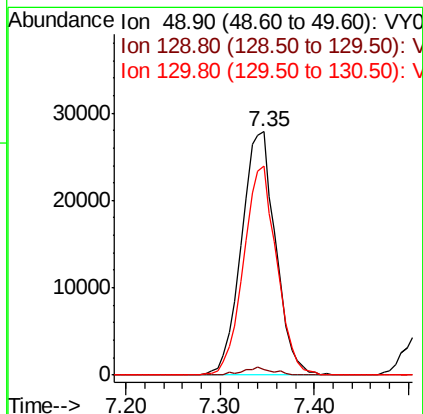
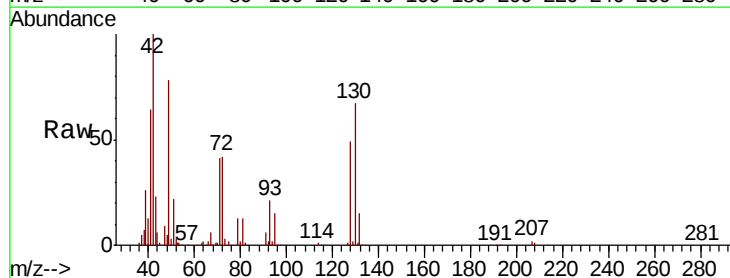
Tot Ion	96	Resp	104589
Ion Ratio	Lower	Upper	
96	100		
61	140.3	0.0	281.2
98	64.8	0.0	129.8

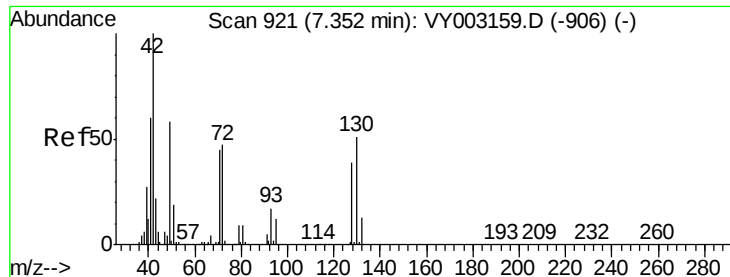


#28

Bromochloromethane
 Concen: 21.362 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	49	Resp	70813
Ion Ratio	Lower	Upper	
49	100		
129	2.8	0.0	5.0
130	83.3	64.9	97.3





#29

Tetrahydrofuran

Concen: 100.940 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

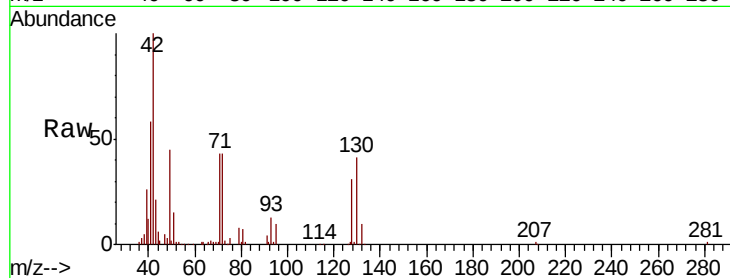
Tot Ion: 42 Resp: 101229

Ion Ratio Lower Upper

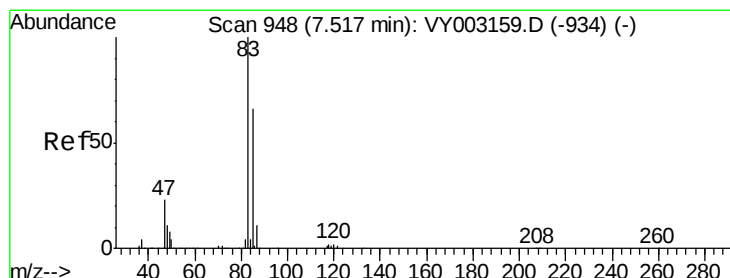
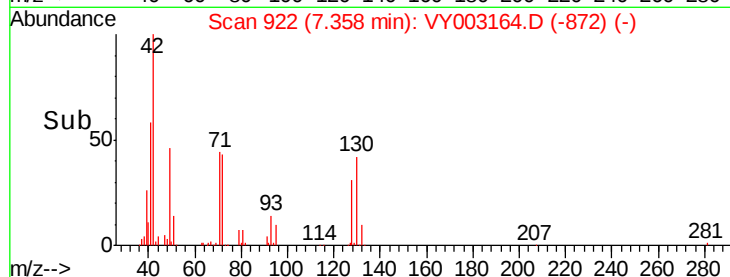
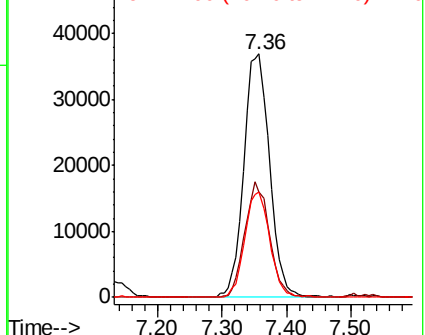
42 100

72 45.1 36.7 55.1

71 41.7 34.2 51.4



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



#30

Chloroform

Concen: 20.855 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003164.D

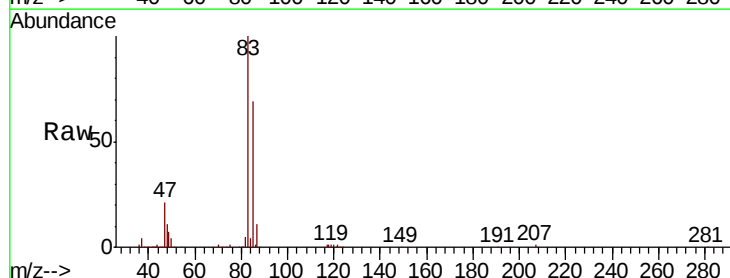
Acq: 10 Jul 2020 15:34

Tgt Ion: 83 Resp: 164458

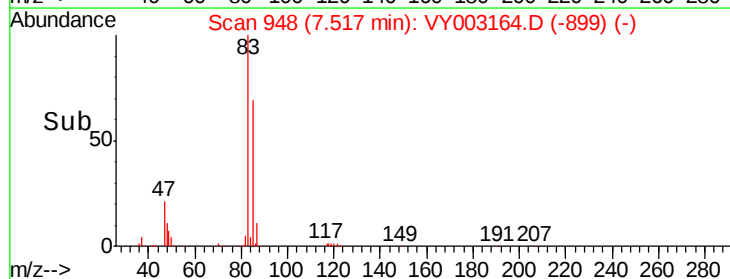
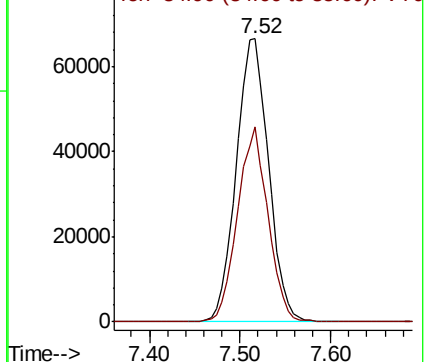
Ion Ratio Lower Upper

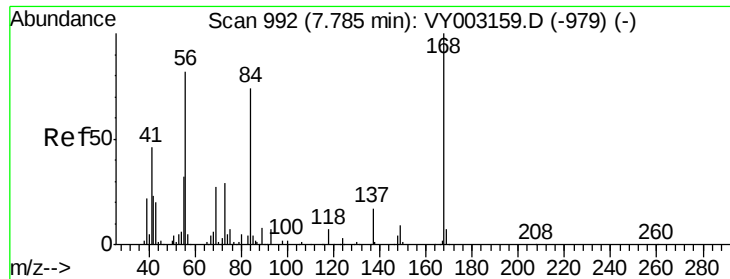
83 100

85 69.1 52.6 78.8



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





#31

Cyclohexane

Concen: 20.658 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

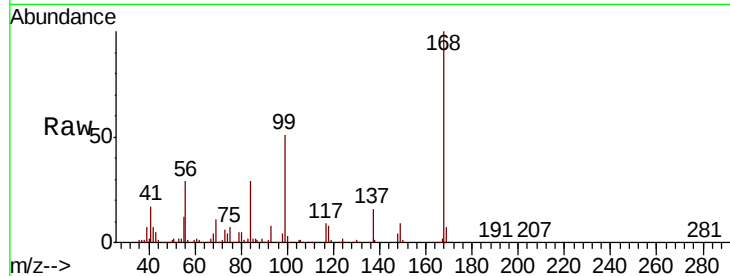
Tot Ion: 56 Resp: 152947

Ion Ratio Lower Upper

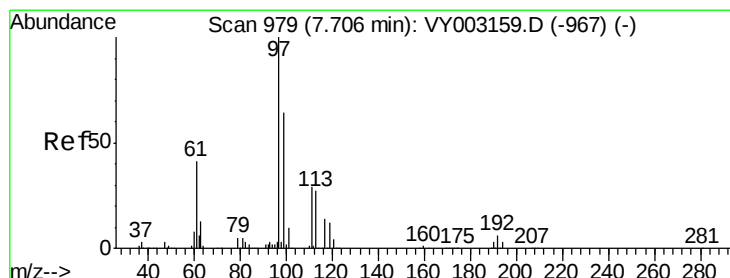
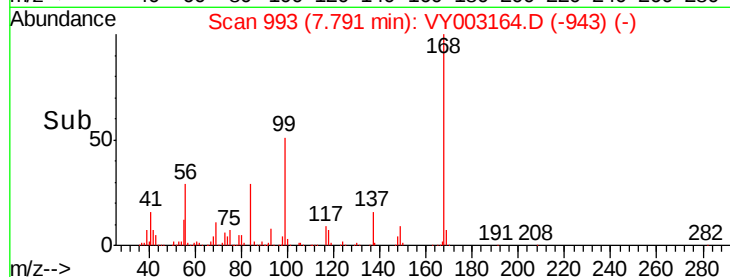
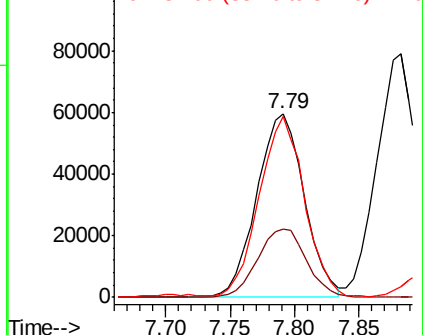
56 100

69 37.4 26.7 40.1

84 97.3 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: 20.941 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

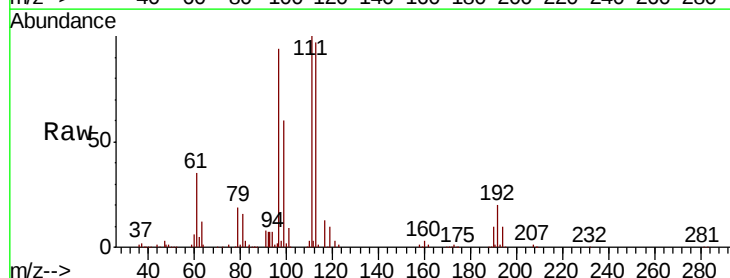
Tgt Ion: 97 Resp: 148664

Ion Ratio Lower Upper

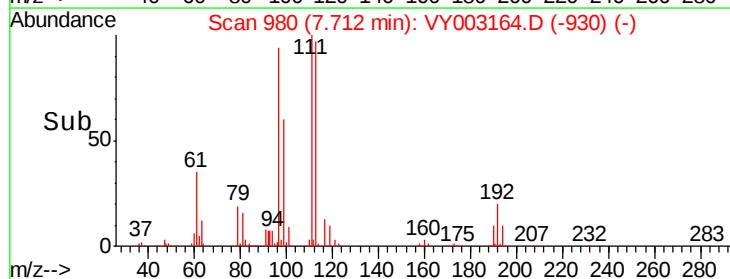
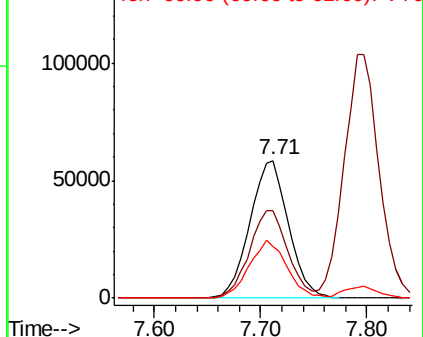
97 100

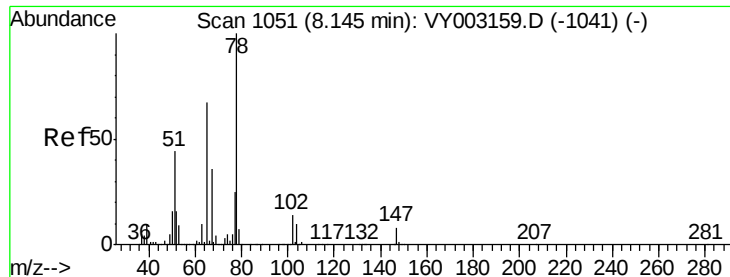
99 63.5 52.1 78.1

61 41.1 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

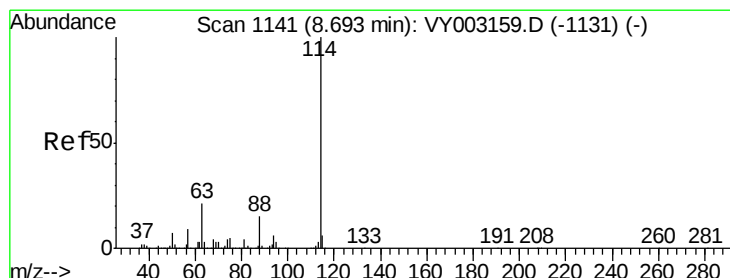
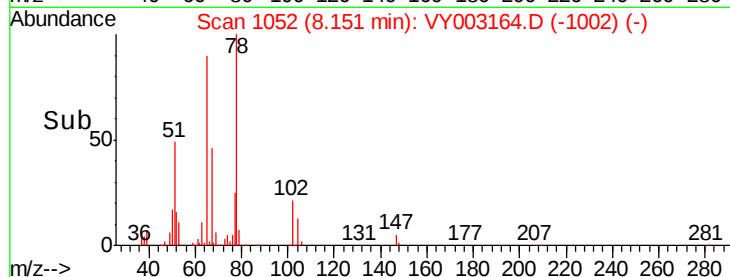
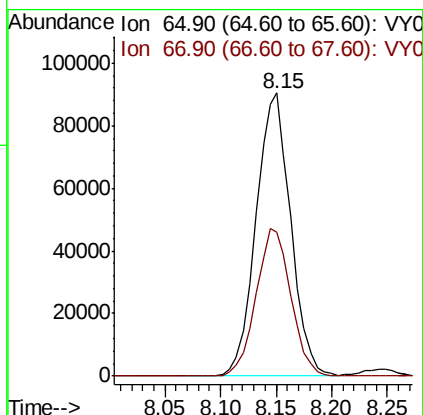
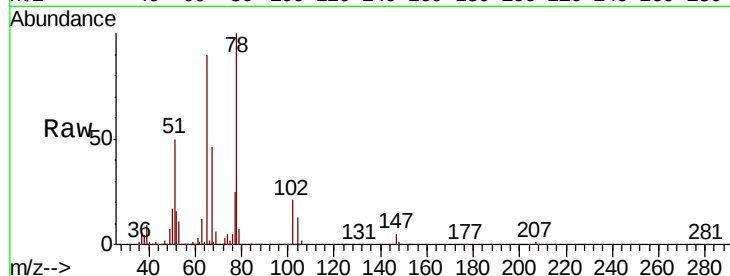




#33
 1,2-Dichloroethane-d4
 Concen: 47.985 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

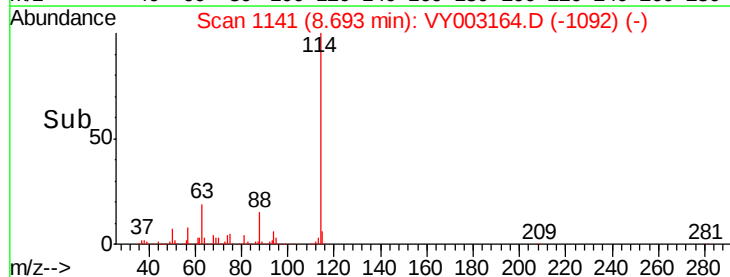
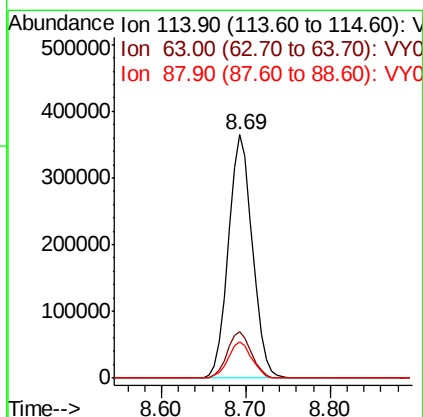
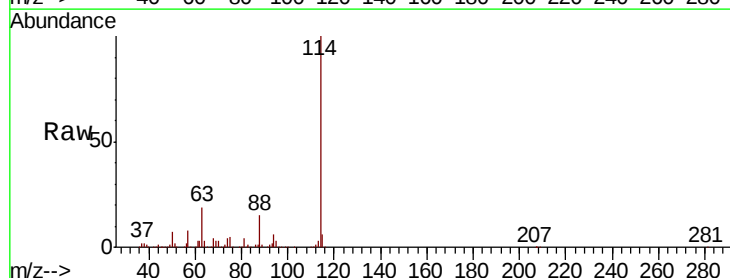
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

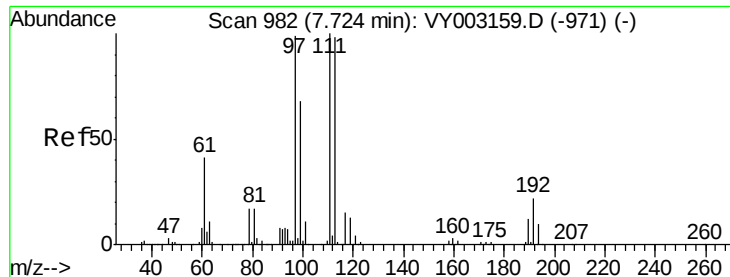
Tot Ion: 65 Resp: 195316
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion: 114 Resp: 704335
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.2
 88 14.8 0.0 30.2

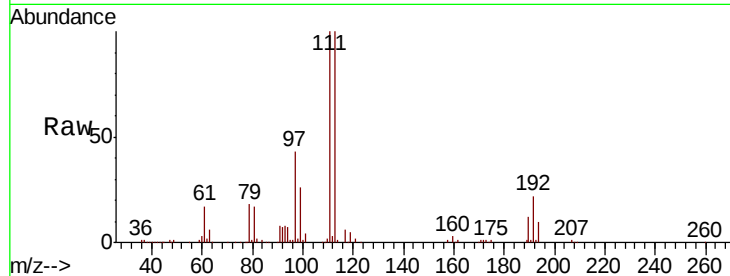




#35
 Dibromofluoromethane
 Concen: 48.066 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	23.2	18.8	28.2

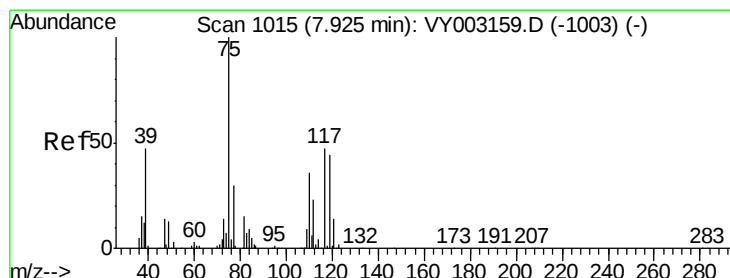
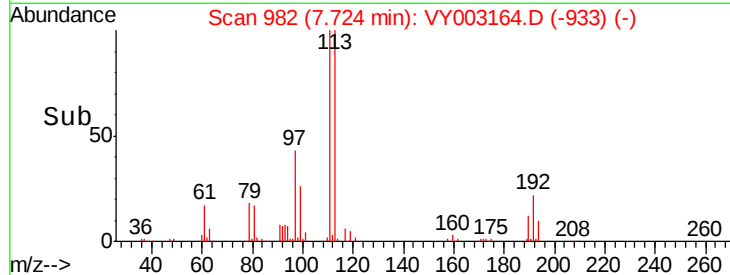
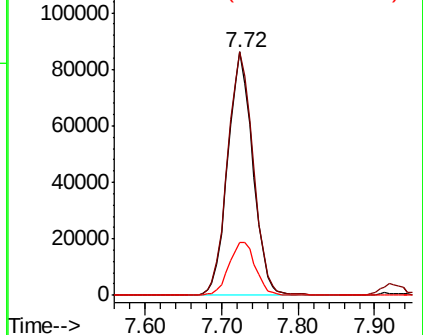


Abundance

Ion 112.80 (112.50 to 113.50): V

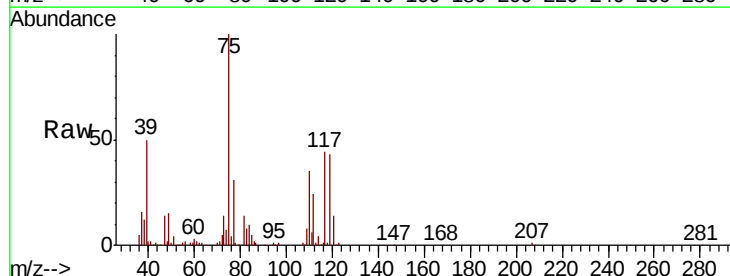
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.603 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.1	54.1
77	31.2	24.8	37.2

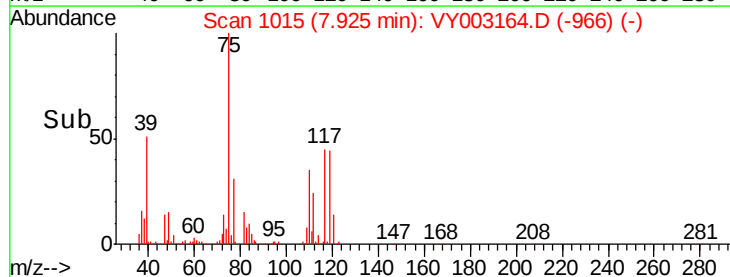
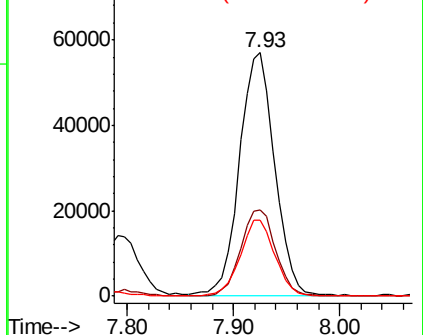


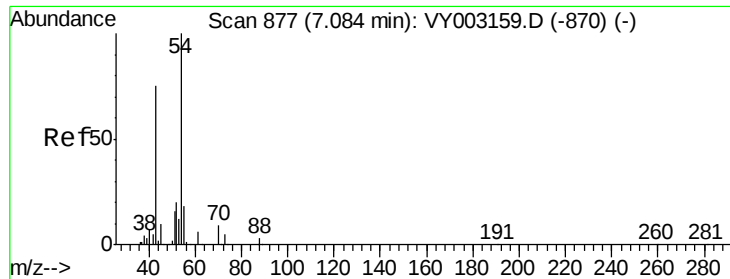
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

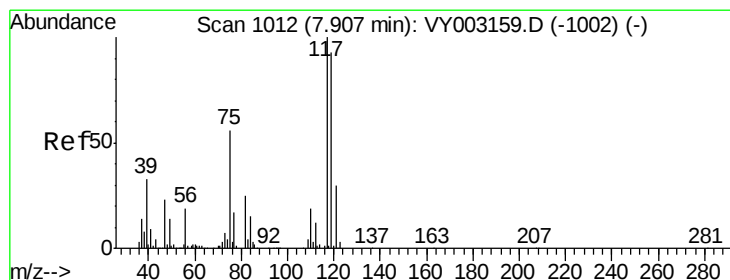
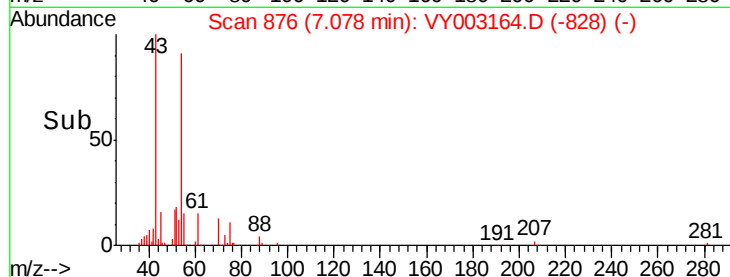
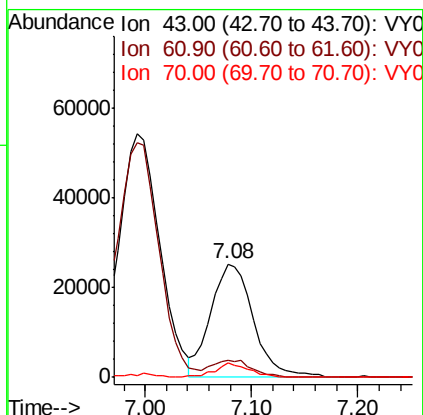
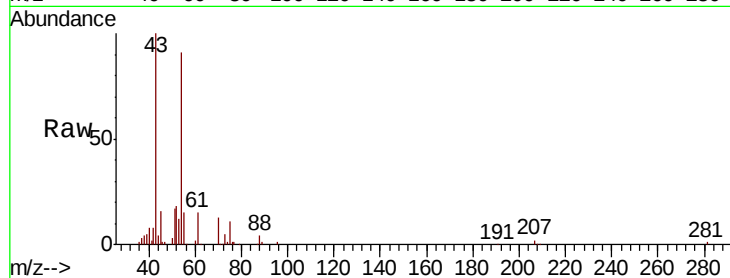




#37
Ethyl Acetate
Concen: 20.267 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

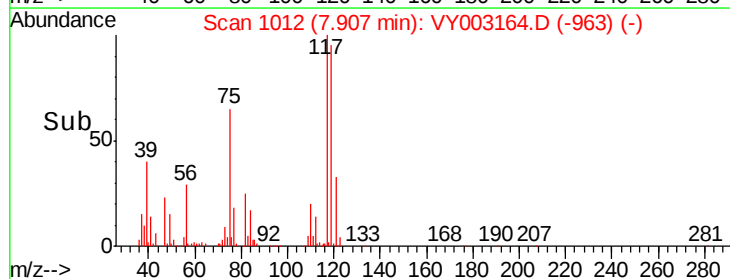
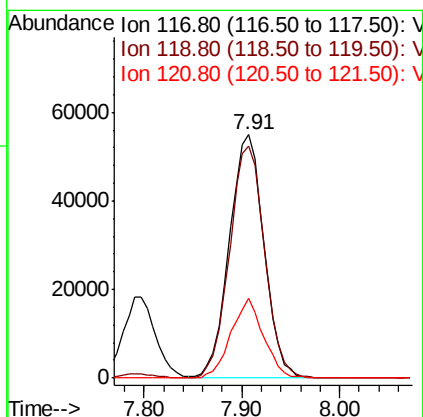
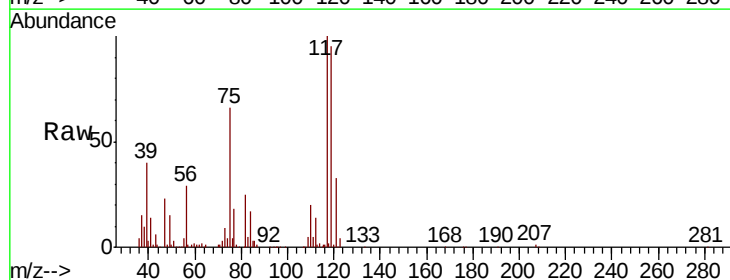
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

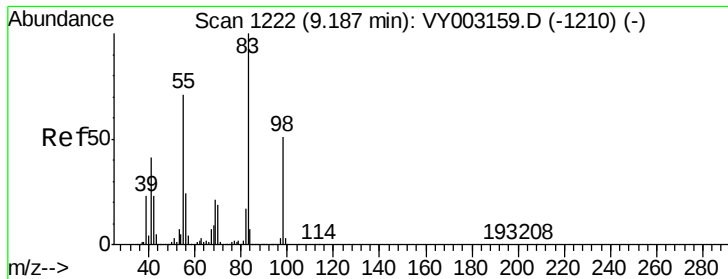
Tot Ion: 43 Resp: 69673
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.6
70 10.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.507 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion: 117 Resp: 135146
Ion Ratio Lower Upper
117 100
119 95.2 74.5 111.7
121 32.6 24.2 36.2

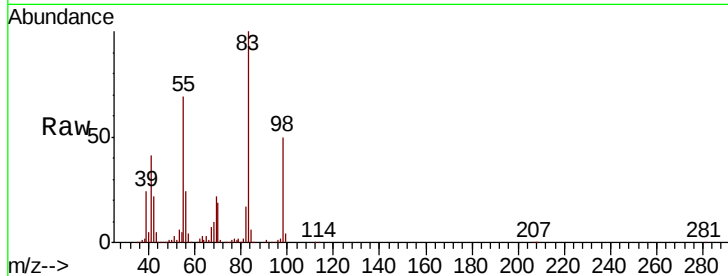




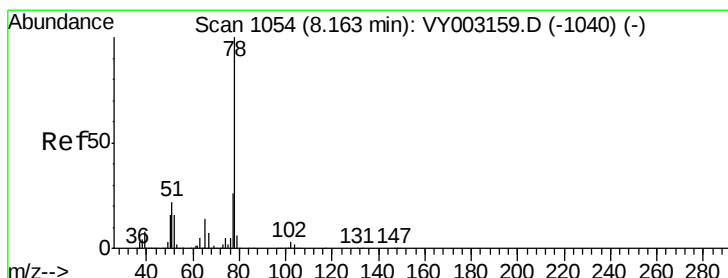
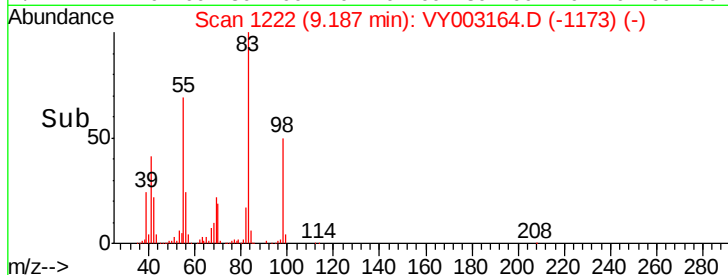
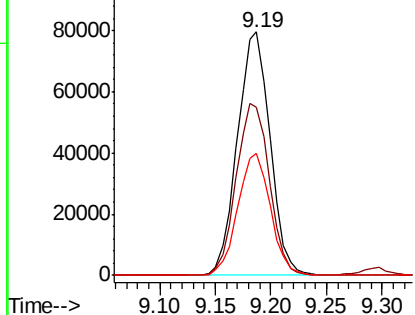
#39
Methvlcvclohexane
Concen: 20.192 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion: 83 Resp: 161922
Ion Ratio Lower Upper
83 100
55 69.2 57.2 85.8
98 50.4 41.0 61.6

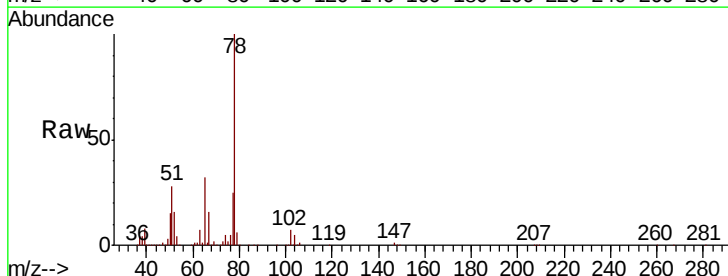


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

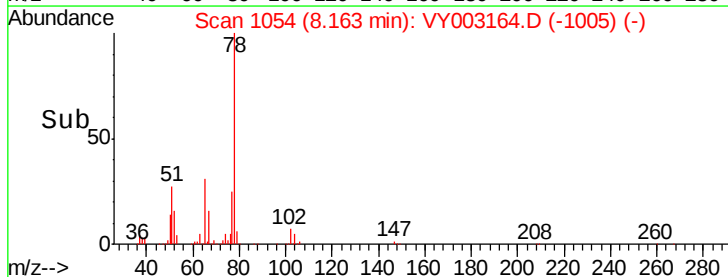
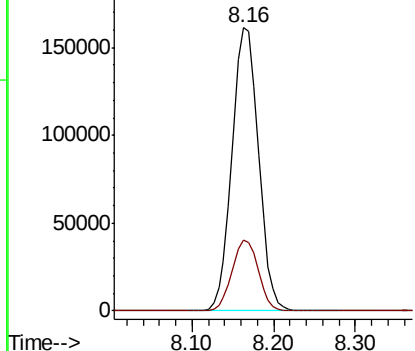


#40
Benzene
Concen: 20.540 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion: 78 Resp: 361026
Ion Ratio Lower Upper
78 100
77 25.1 20.7 31.1



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

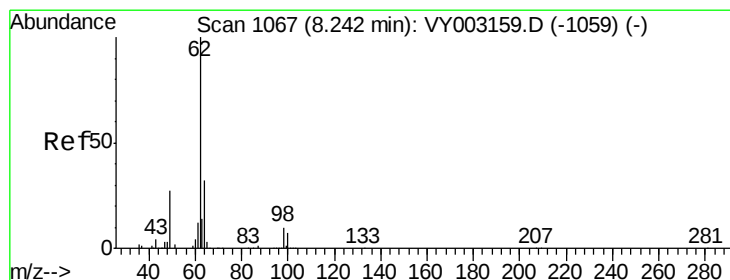
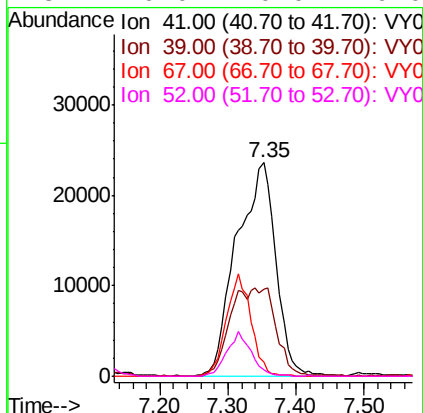
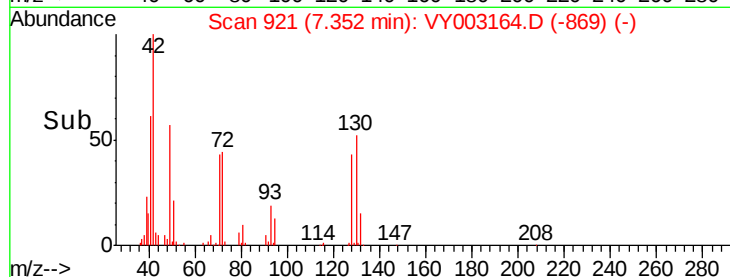
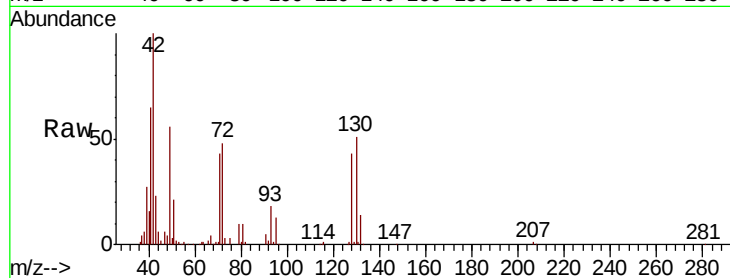




#41
Methacrylonitrile
Concen: 45.581 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

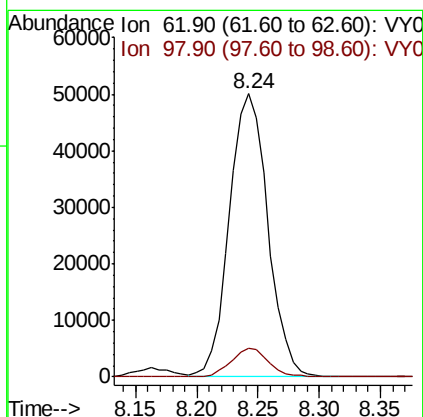
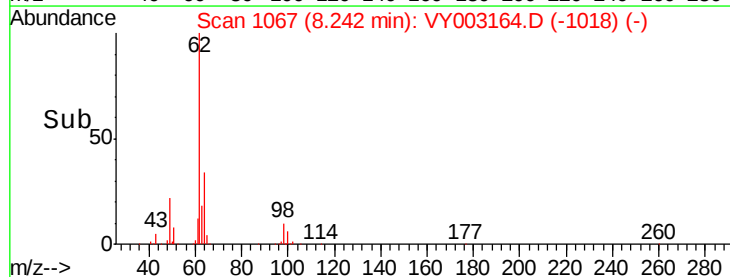
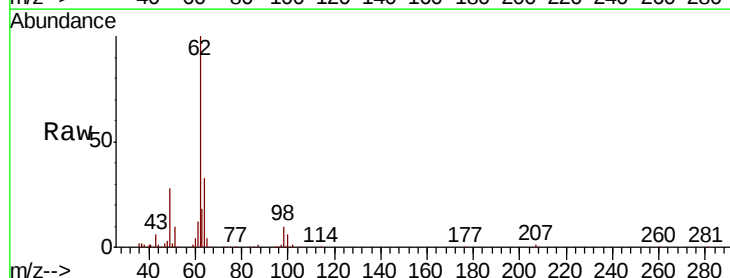
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

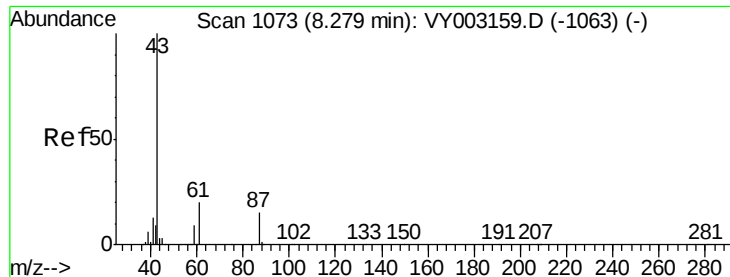
Tot Ion: 41 Resp: 94373
Ion Ratio Lower Upper
41 100
39 0.0 83.3 124.9#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.172 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion: 62 Resp: 109155
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.0



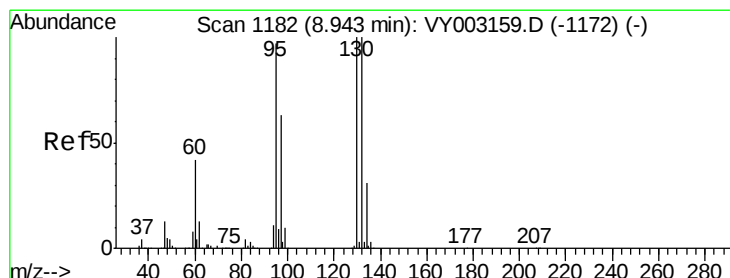
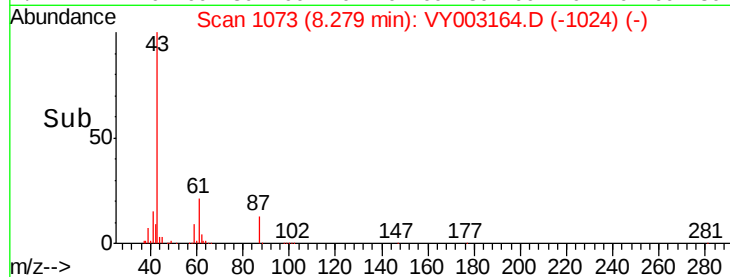
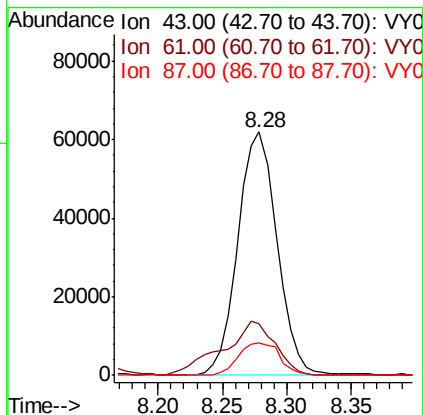
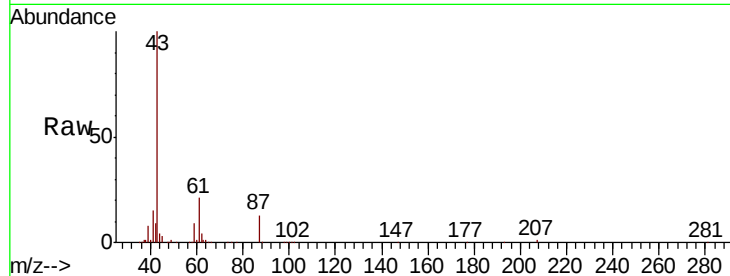


#43

Isopropyl Acetate
 Concen: 19.477 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

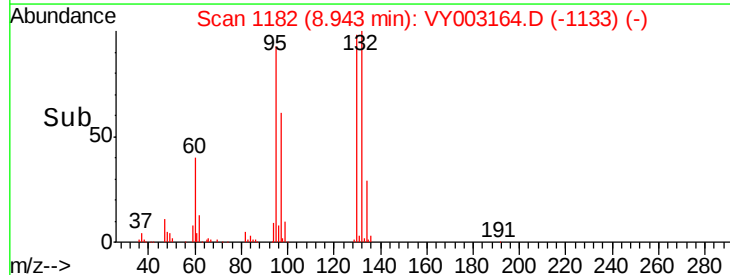
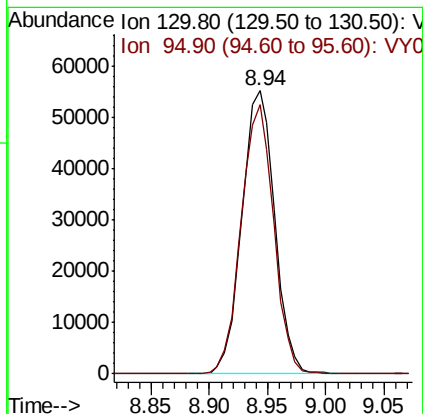
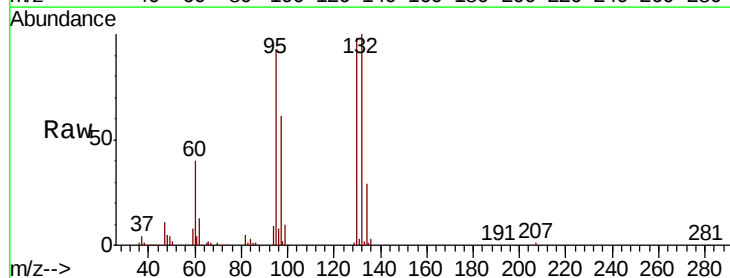
Tot Ion	43	Resp	129603
Ion Ratio	Lower	Upper	
43	100		
61	30.0	23.7	35.5
87	14.3	11.4	17.0

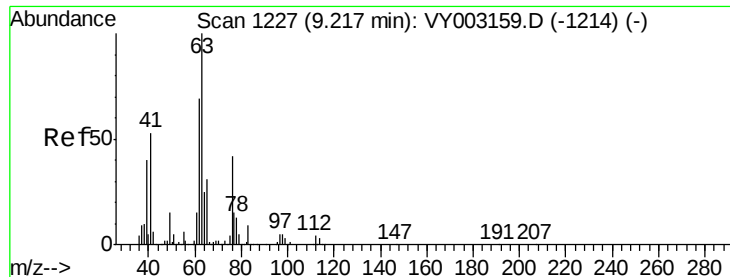


#44

Trichloroethene
 Concen: 20.217 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	130	Resp	108935
Ion Ratio	Lower	Upper	
130	100		
95	94.9	0.0	193.8

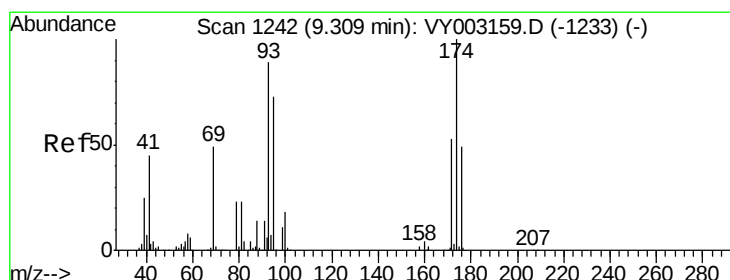
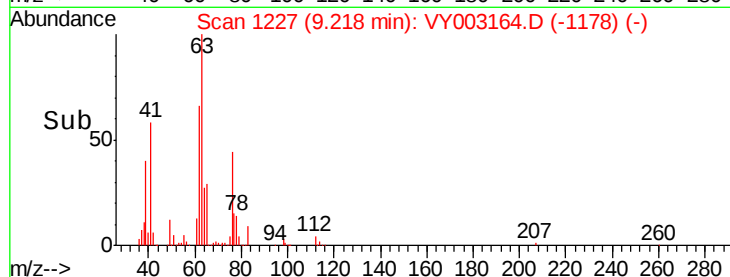
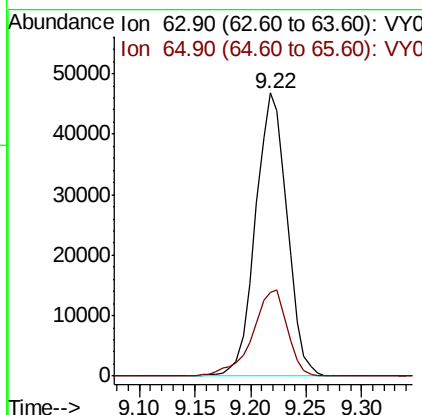
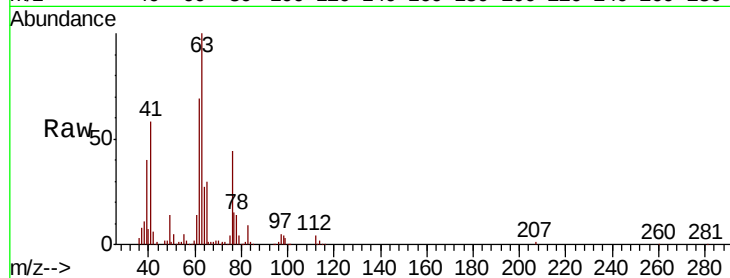




#45
 1,2-Dichloropropane
 Concen: 20.427 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

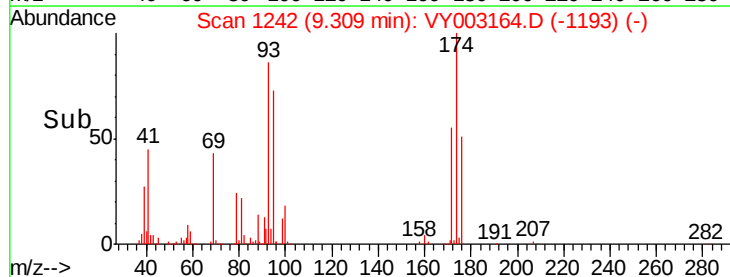
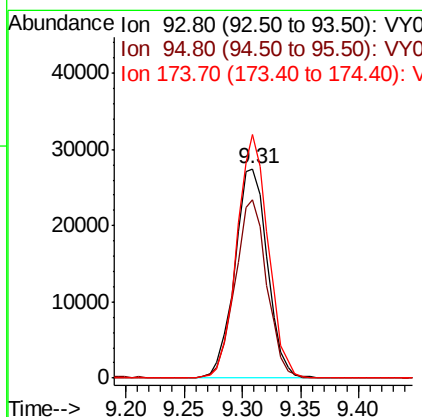
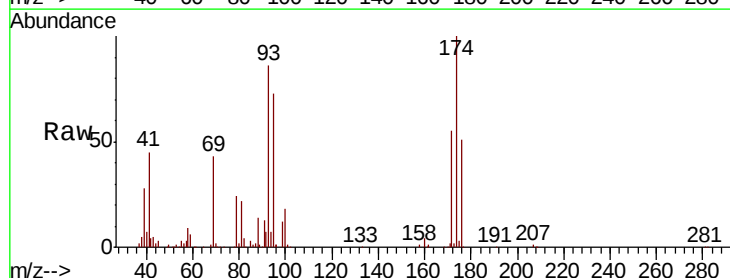
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

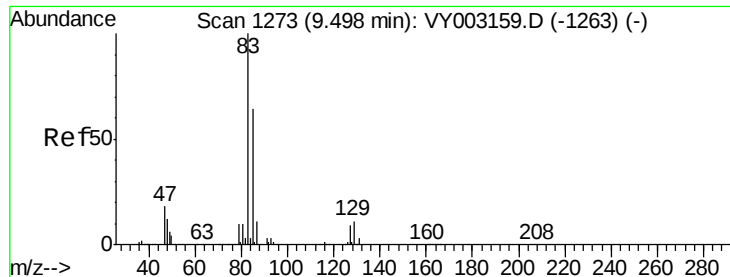
Tot Ion: 63 Resp: 92907
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.4



#46
 Dibromomethane
 Concen: 20.254 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion: 93 Resp: 53804
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 99.8
 174 111.1 90.2 135.4





#47

Bromodichloromethane

Concen: 20.486 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

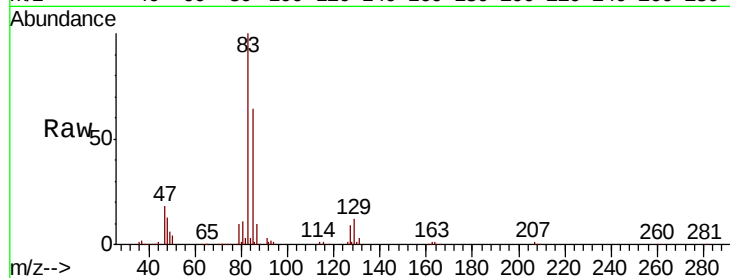
Tot Ion: 83 Resp: 129426

Ion Ratio Lower Upper

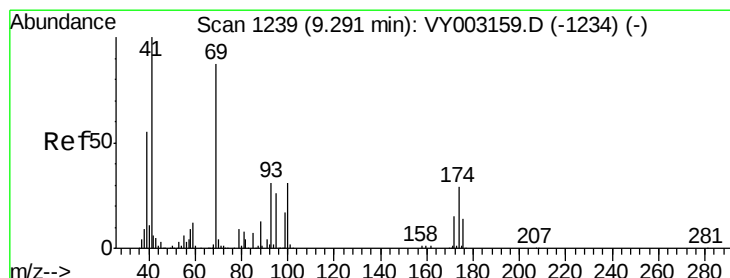
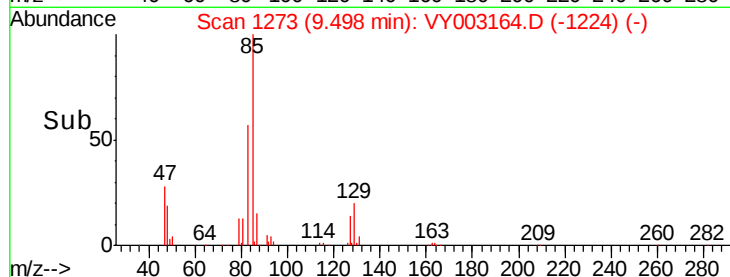
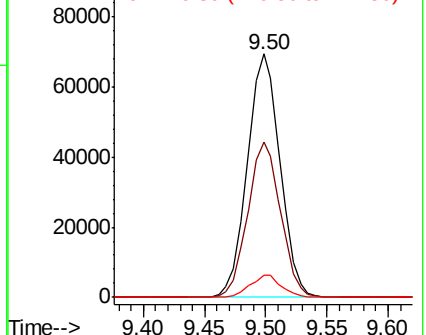
83 100

85 63.9 50.9 76.3

127 9.1 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): VY0



#48

Methyl methacrylate

Concen: 19.440 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

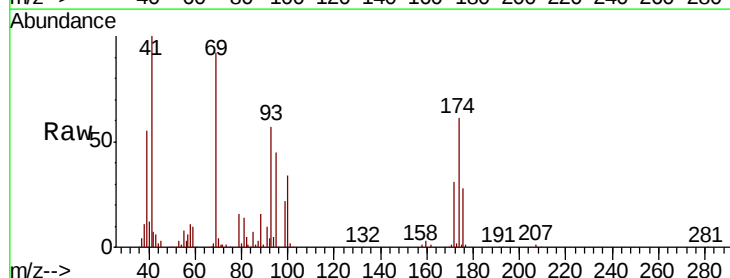
Tgt Ion: 41 Resp: 57830

Ion Ratio Lower Upper

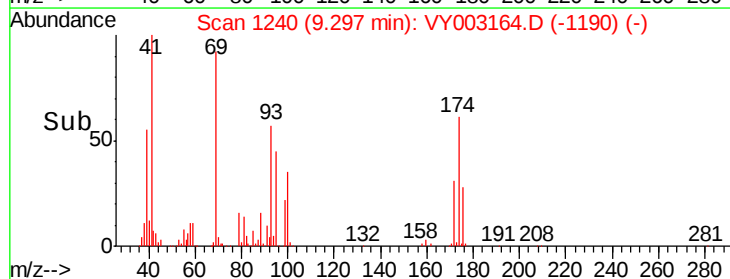
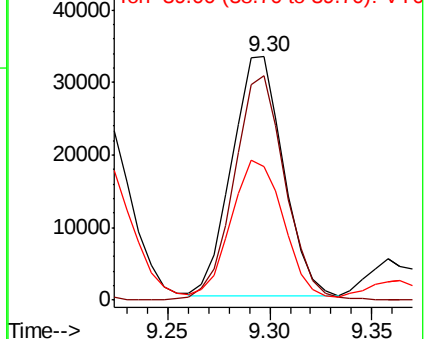
41 100

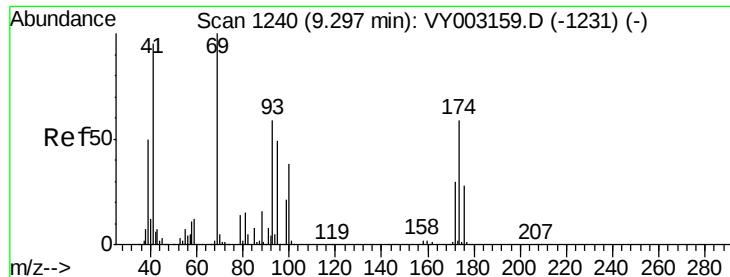
69 93.3 74.5 111.7

39 57.9 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: 418.161 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

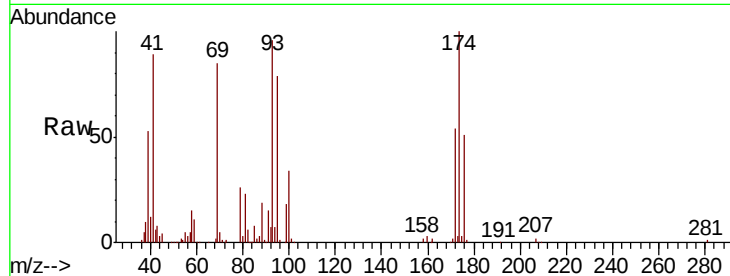
Tot Ion: 88 Resp: 14098

Ion Ratio Lower Upper

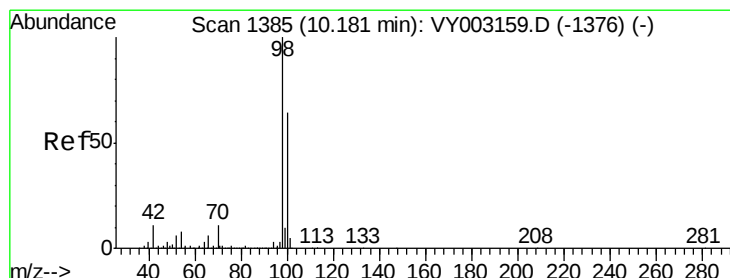
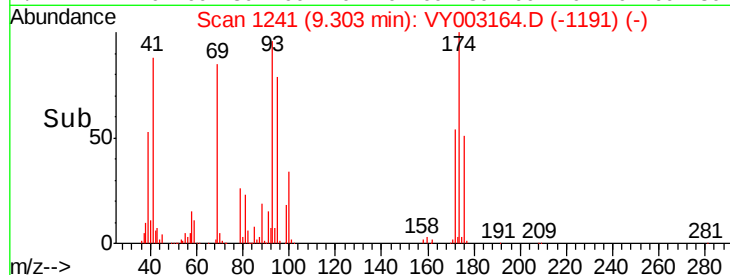
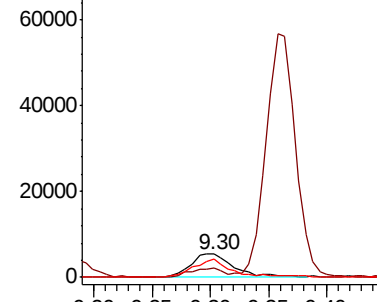
88 100

43 29.9 25.6 38.4

58 63.6 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: 47.018 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003164.D

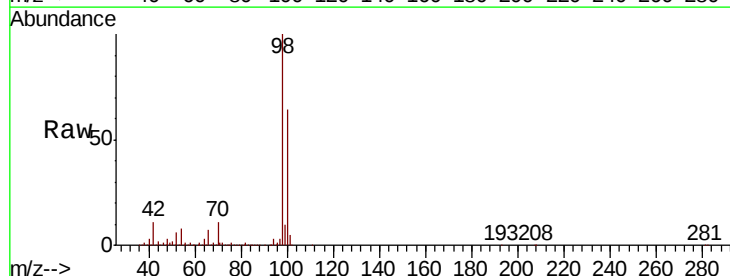
Acq: 10 Jul 2020 15:34

Tgt Ion: 98 Resp: 708541

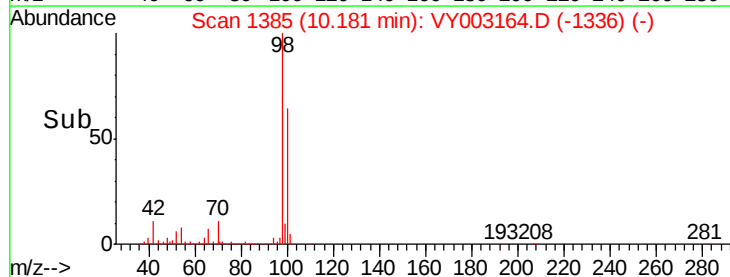
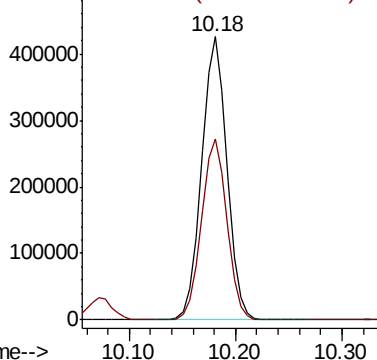
Ion Ratio Lower Upper

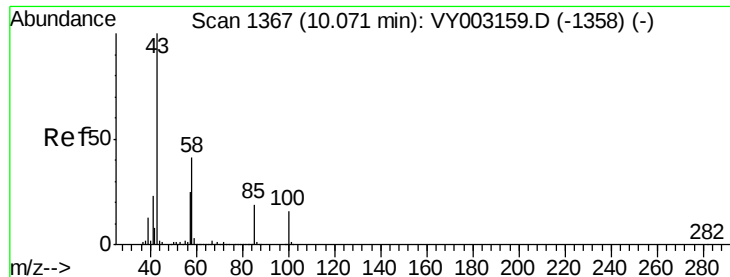
98 100

100 64.5 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: 97.565 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

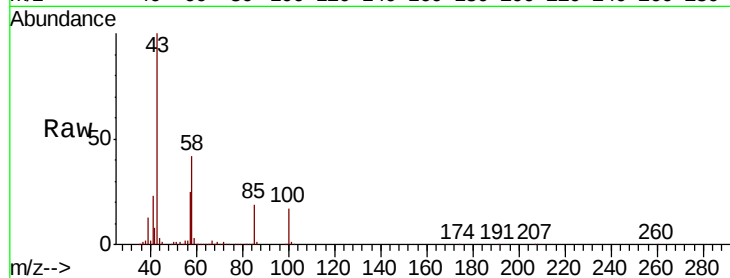
VY0710SBS01

Tot Ion: 43 Resp: 337447

Ion Ratio Lower Upper

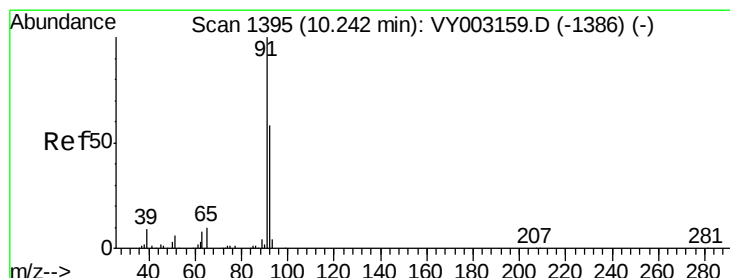
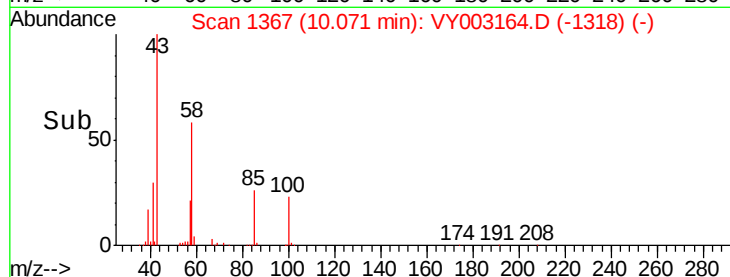
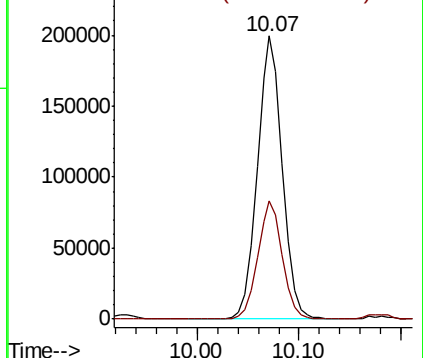
43 100

58 41.1 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.433 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003164.D

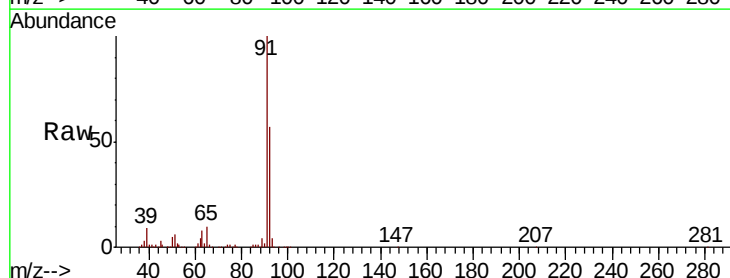
Acq: 10 Jul 2020 15:34

Tgt Ion: 92 Resp: 229555

Ion Ratio Lower Upper

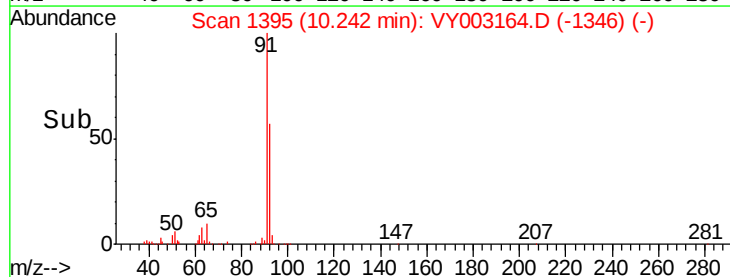
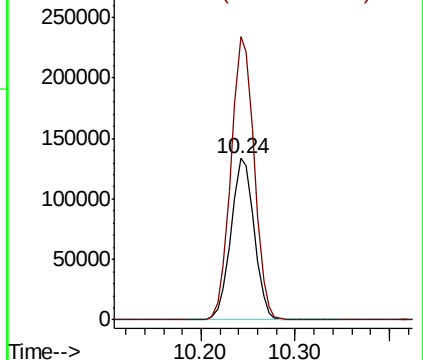
92 100

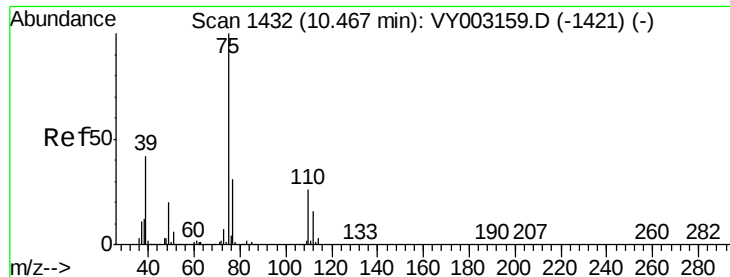
91 174.8 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.063 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

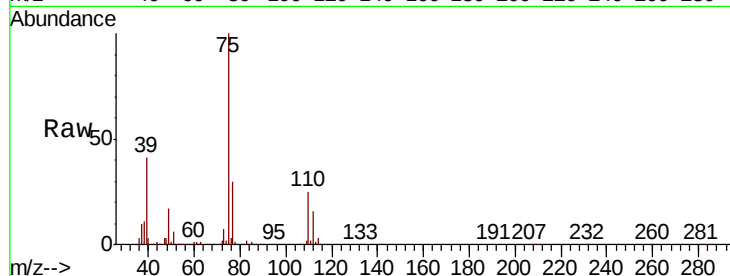
VY0710SBS01

Tot Ion: 75 Resp: 131328

Ion Ratio Lower Upper

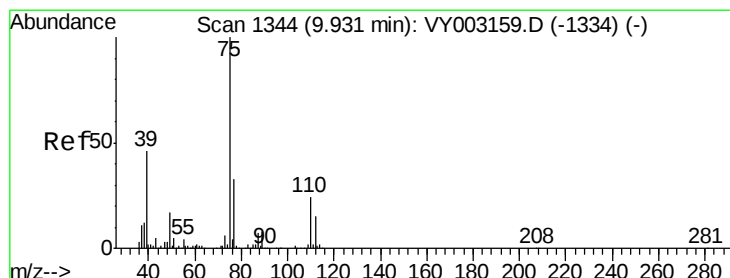
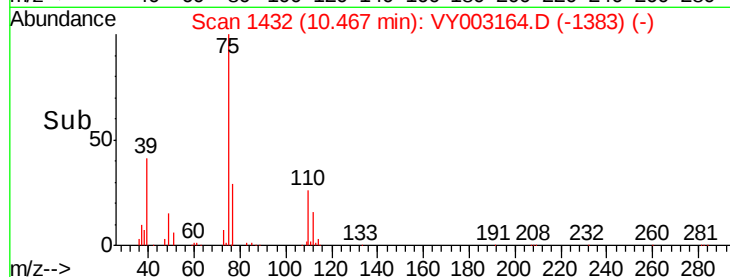
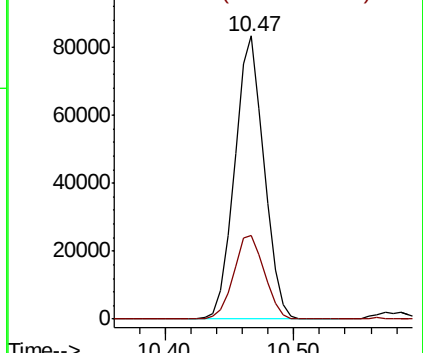
75 100

77 29.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.871 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

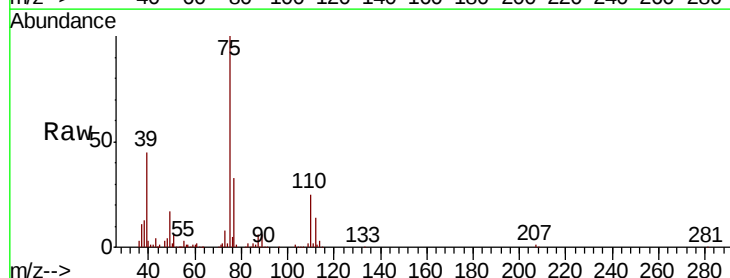
Tgt Ion: 75 Resp: 149866

Ion Ratio Lower Upper

75 100

77 32.6 26.7 40.1

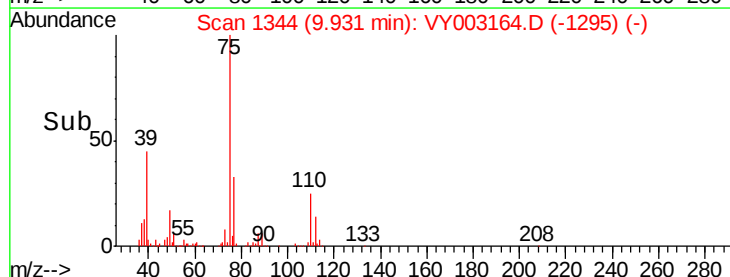
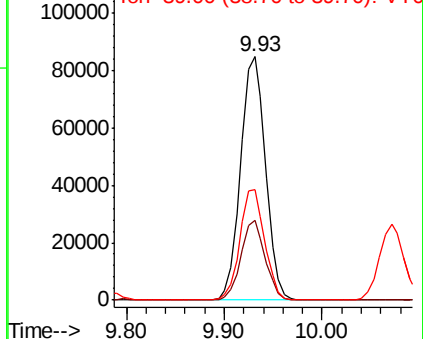
39 45.2 37.0 55.6

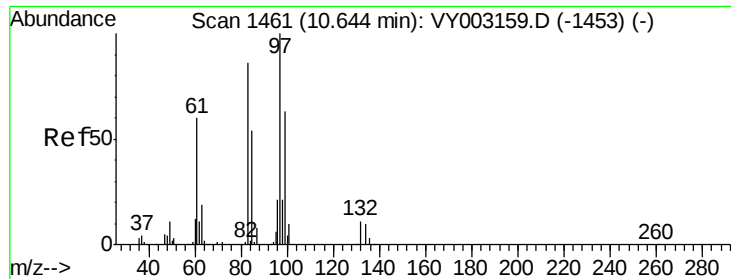


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

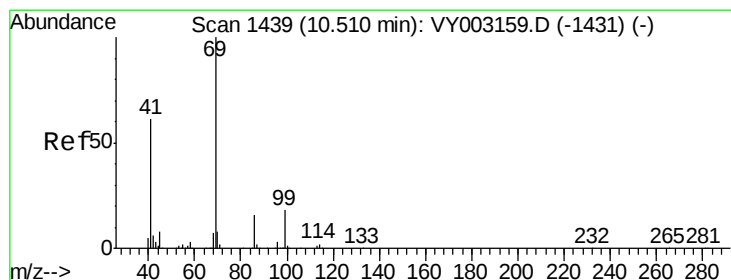
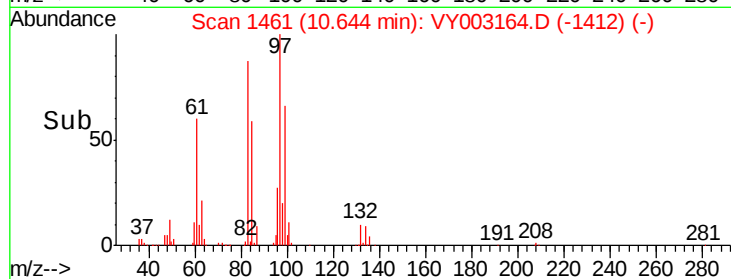
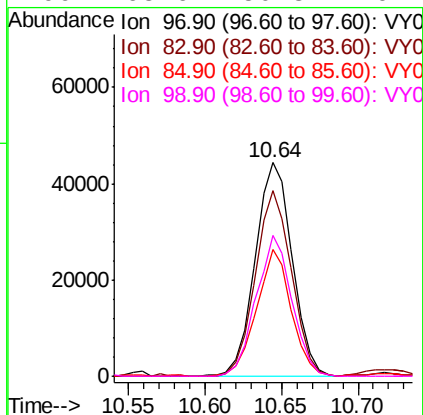
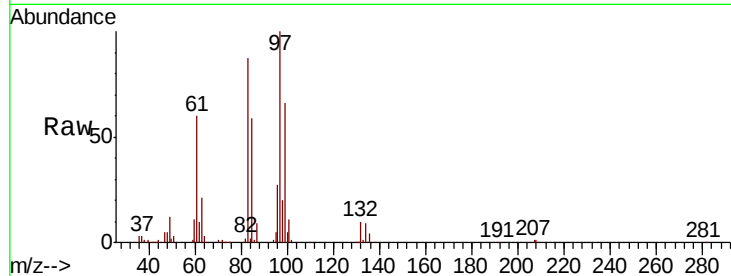




#55
 1,1,2-Trichloroethane
 Concen: 19.917 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

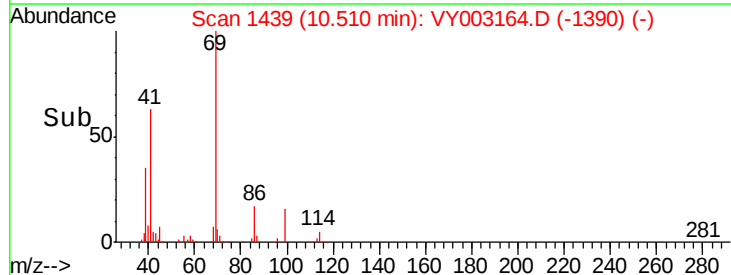
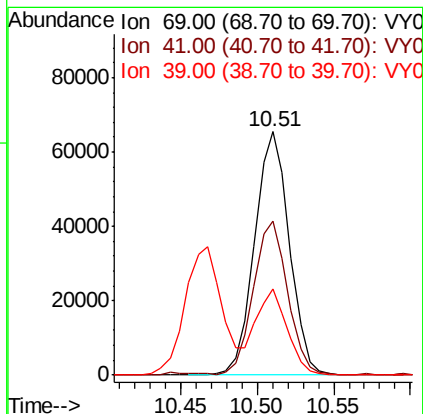
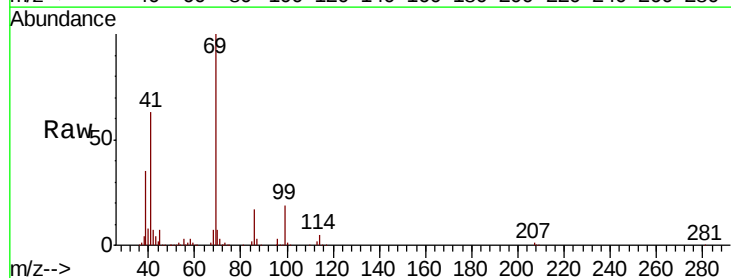
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

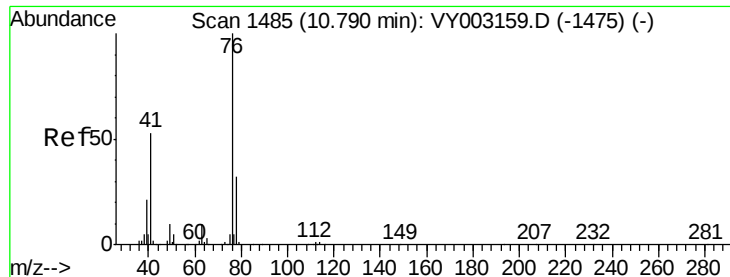
Tot Ion: 97 Resp: 74971
 Ion Ratio Lower Upper
 97 100
 83 86.6 68.8 103.2
 85 59.4 43.1 64.7
 99 65.6 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 20.206 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion: 69 Resp: 103407
 Ion Ratio Lower Upper
 69 100
 41 62.1 50.0 75.0
 39 33.8 27.6 41.4





#57

1,3-Dichloropropane

Concen: 20.077 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

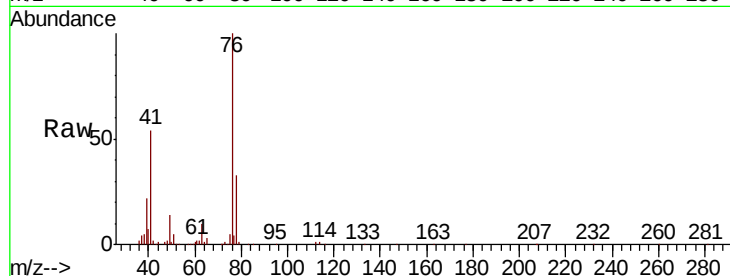
VY0710SBS01

Tot Ion: 76 Resp: 128142

Ion Ratio Lower Upper

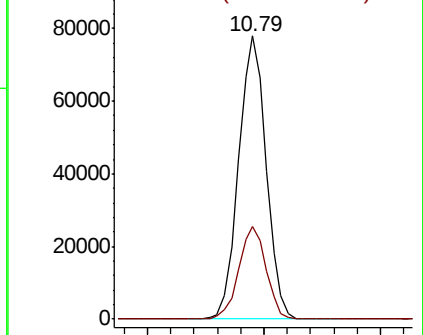
76 100

78 32.5 26.0 39.0

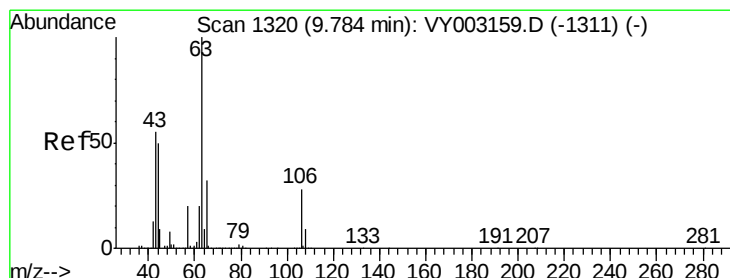
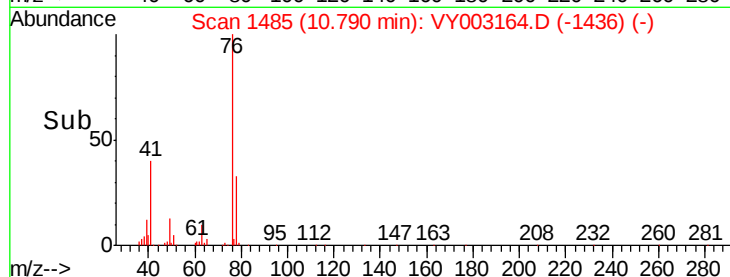


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 99.832 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003164.D

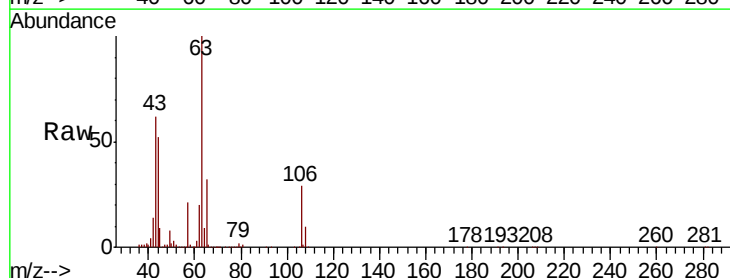
Acq: 10 Jul 2020 15:34

Tgt Ion: 63 Resp: 260561

Ion Ratio Lower Upper

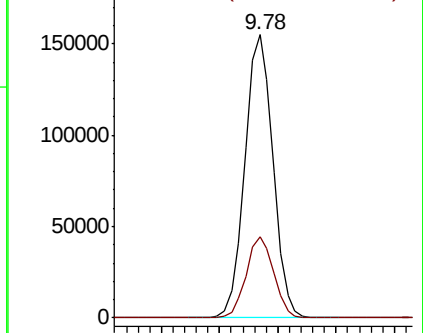
63 100

106 28.2 22.9 34.3

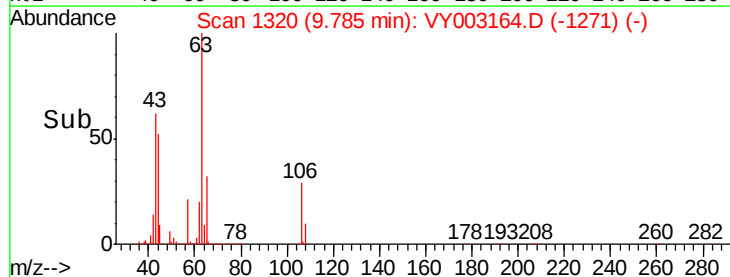


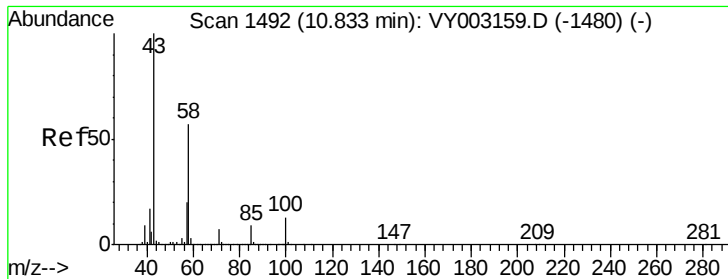
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

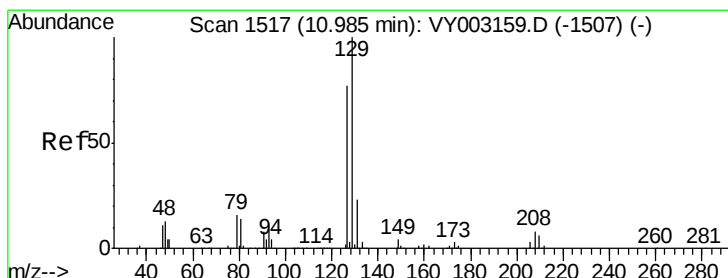
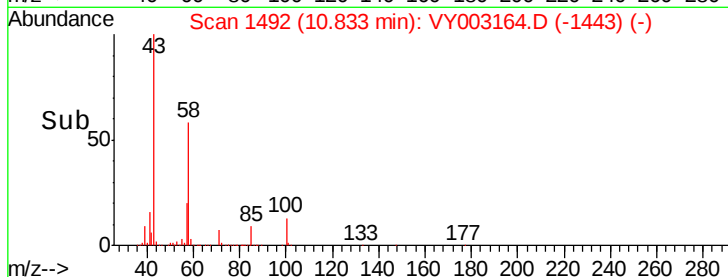
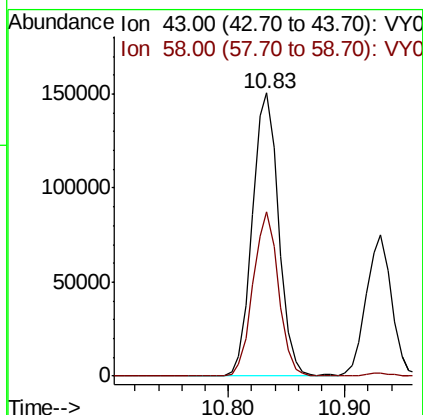
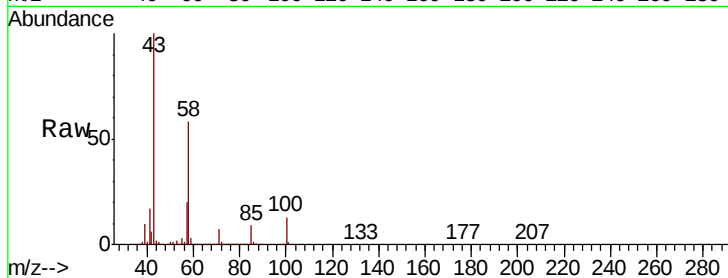




#59
2-Hexanone
Concen: 98.274 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

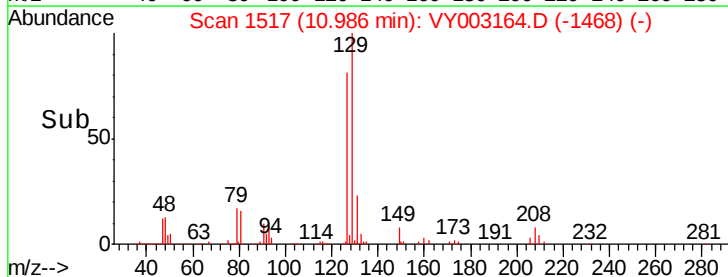
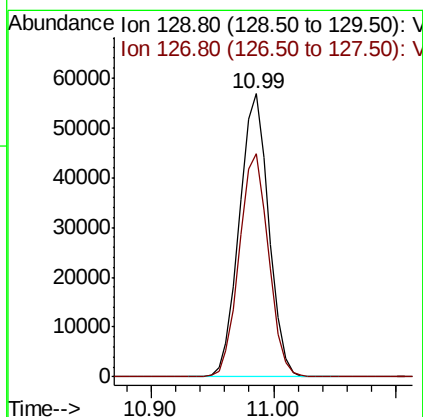
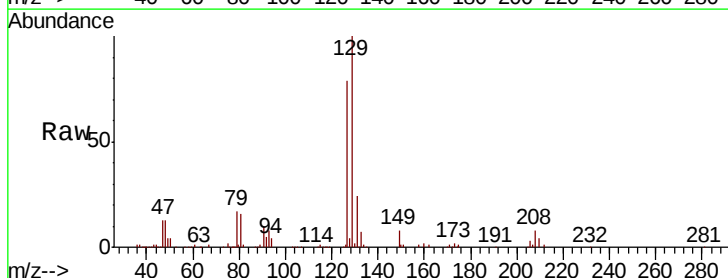
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

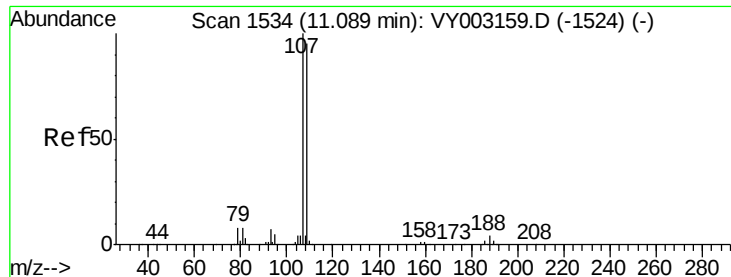
Tot Ion: 43 Resp: 237274
Ion Ratio Lower Upper
43 100
58 56.2 28.3 85.0



#60
Dibromochloromethane
Concen: 20.018 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion: 129 Resp: 94775
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

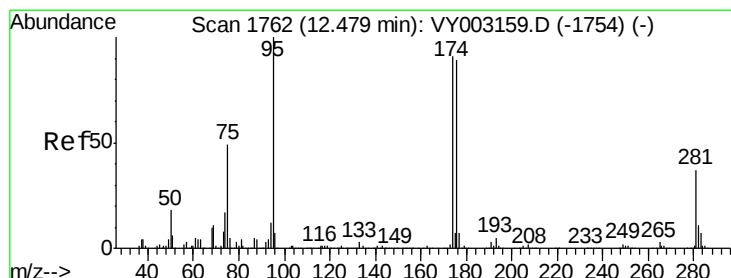
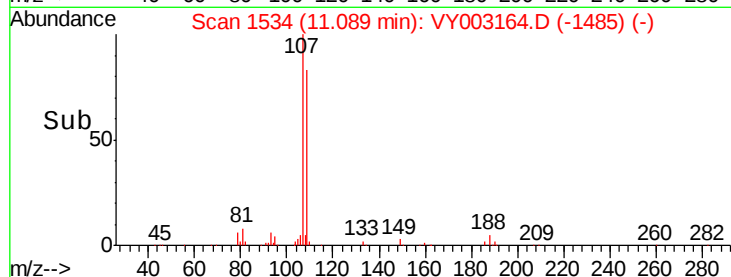
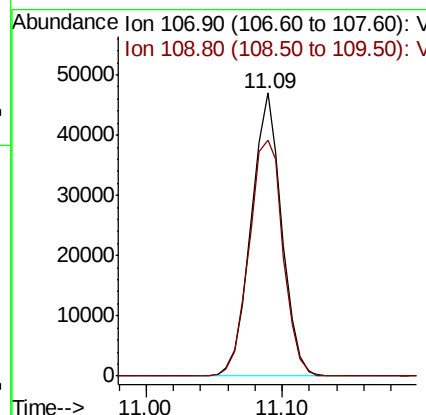
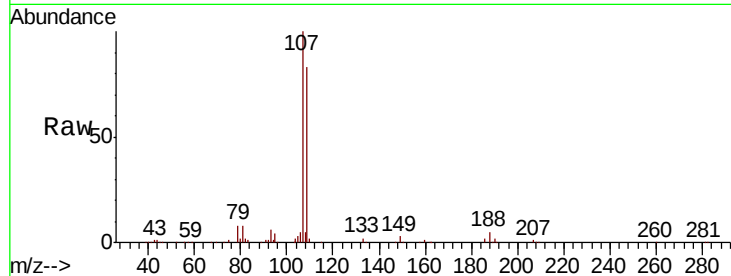




#61
 1,2-Dibromoethane
 Concen: 19.875 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

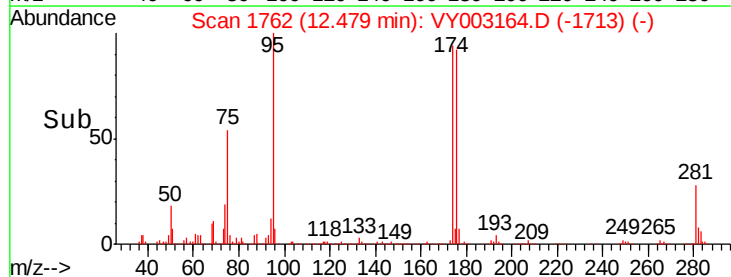
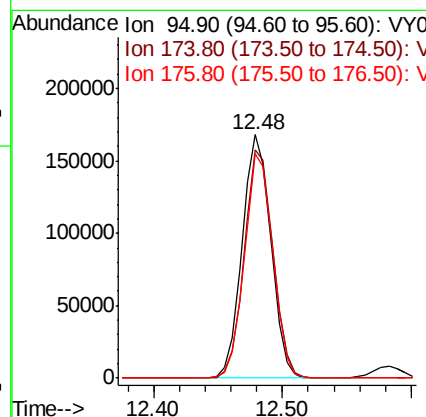
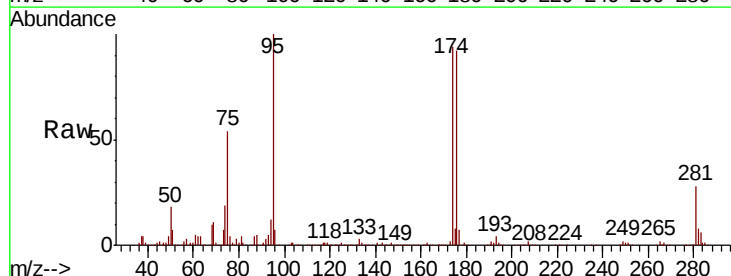
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion: 107 Resp: 73840
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.290 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion: 95 Resp: 257448
 Ion Ratio Lower Upper
 95 100
 174 93.9 0.0 190.6
 176 91.4 0.0 186.4

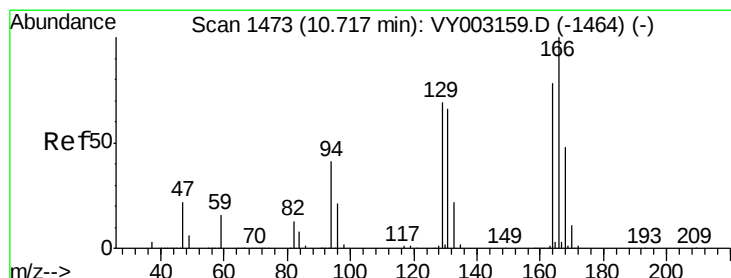
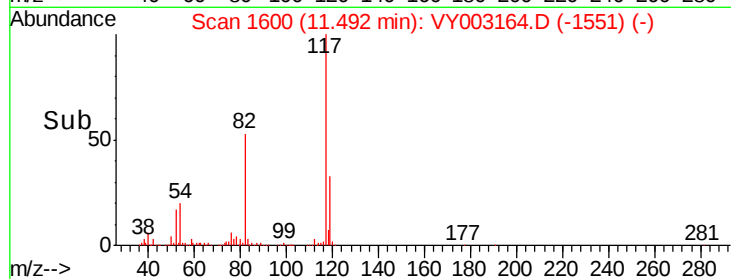
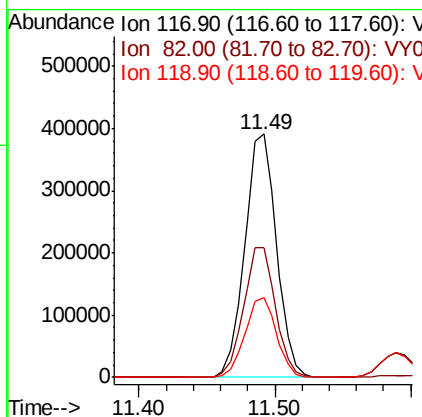
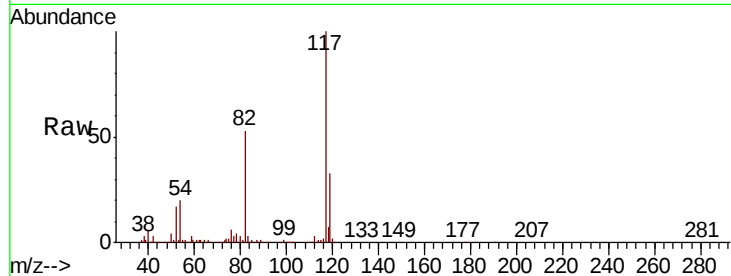




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

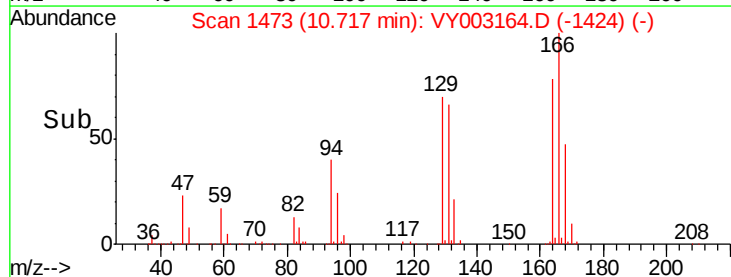
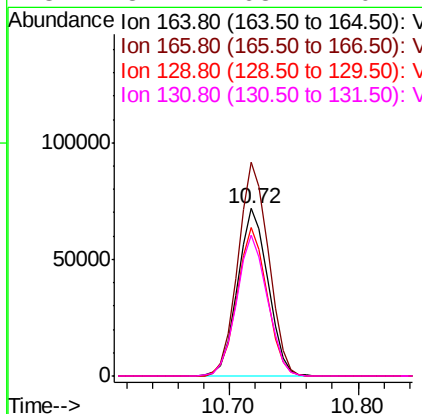
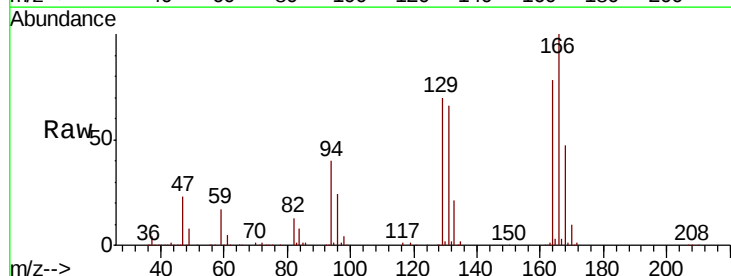
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion:117 Resp: 637846
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 20.611 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion:164 Resp: 117220
Ion Ratio Lower Upper
164 100
166 127.5 102.9 154.3
129 88.7 71.4 107.2
131 84.2 68.1 102.1

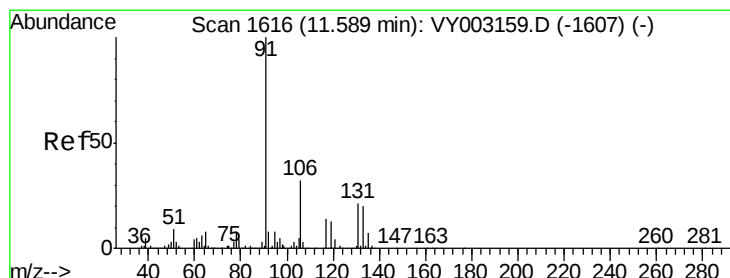
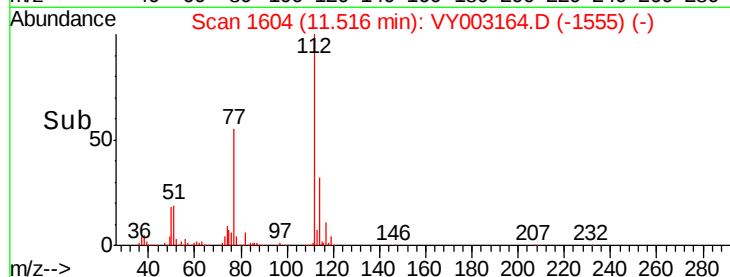
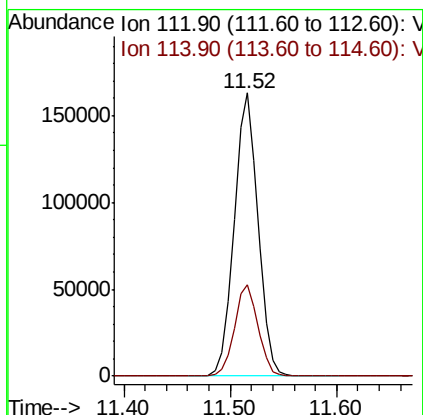
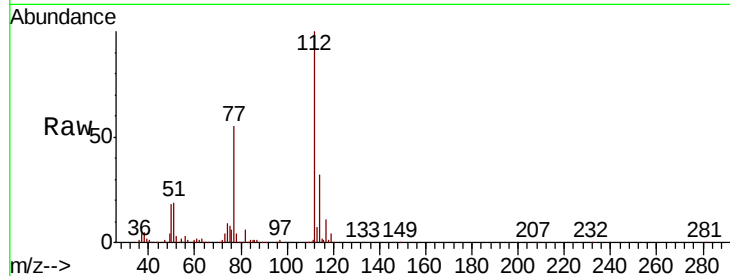




#65
Chlorobenzene
Concen: 20.787 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

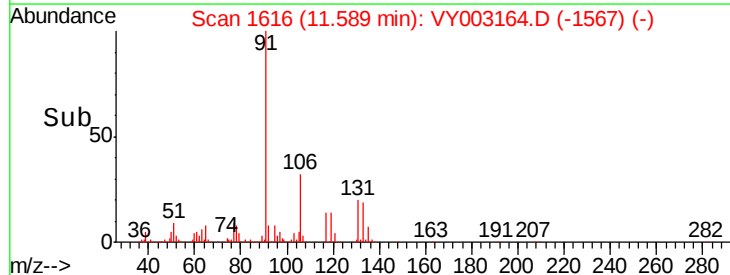
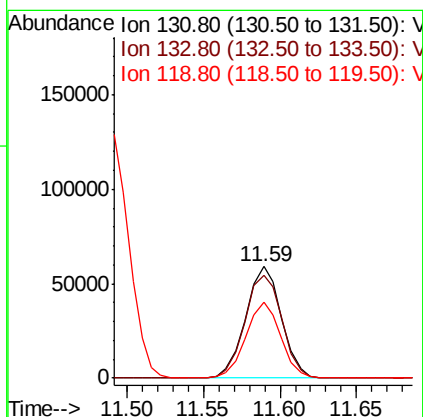
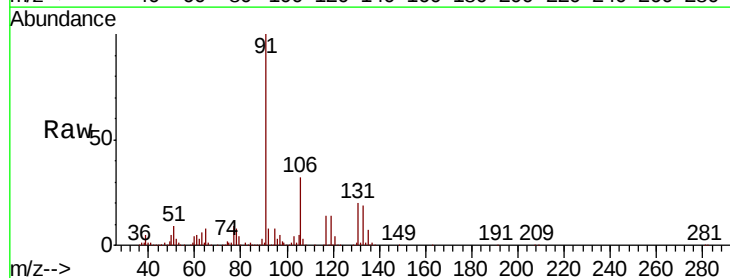
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

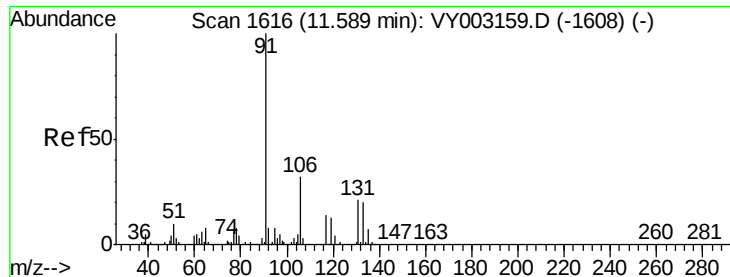
Tot Ion:112 Resp: 255431
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.137 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion:131 Resp: 96105
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 66.3 32.4 97.0





#67

Ethyl Benzene

Concen: 20.608 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

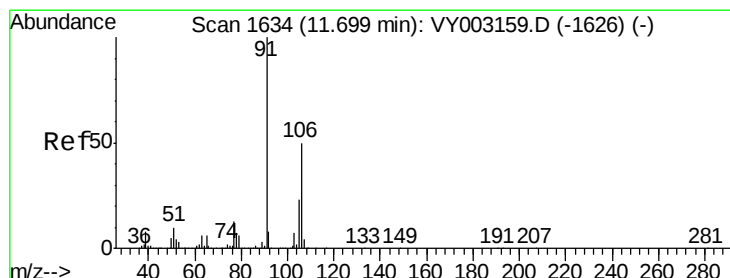
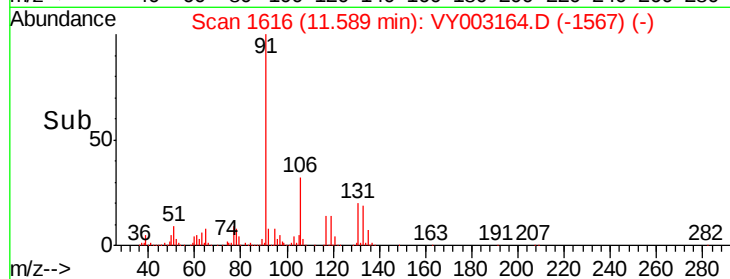
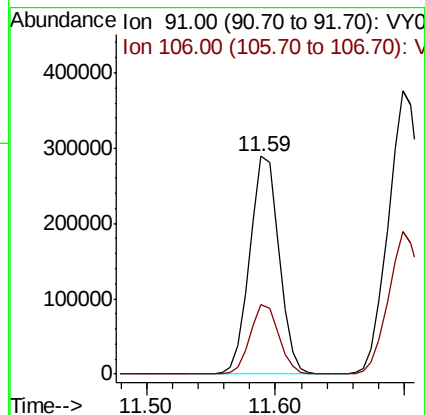
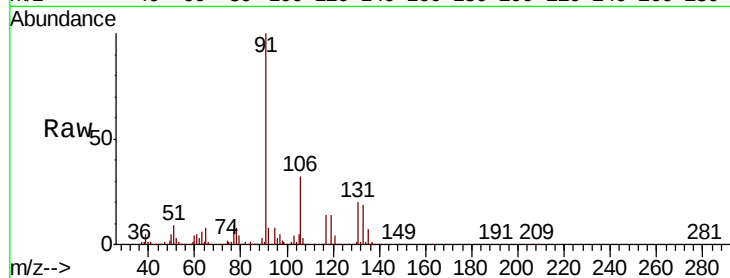
VY0710SBS01

Tot Ion: 91 Resp: 452136

Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3



#68

m/p-Xylenes

Concen: 41.049 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003164.D

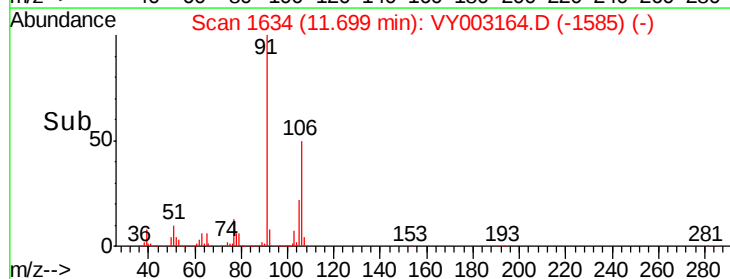
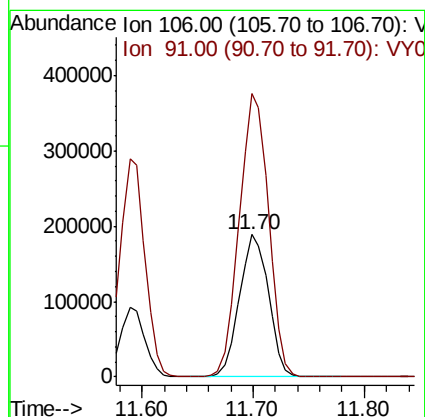
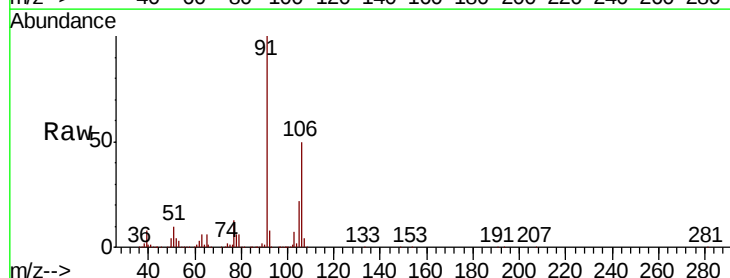
Acq: 10 Jul 2020 15:34

Tgt Ion: 106 Resp: 341713

Ion Ratio Lower Upper

106 100

91 200.4 159.0 238.6

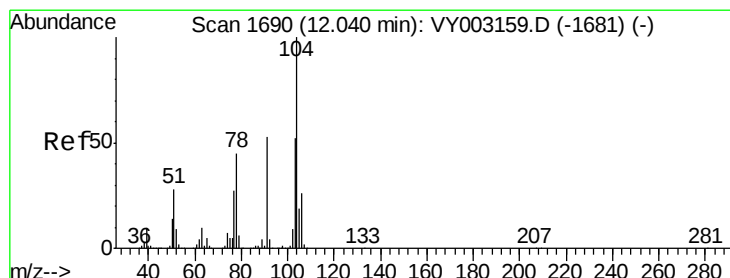
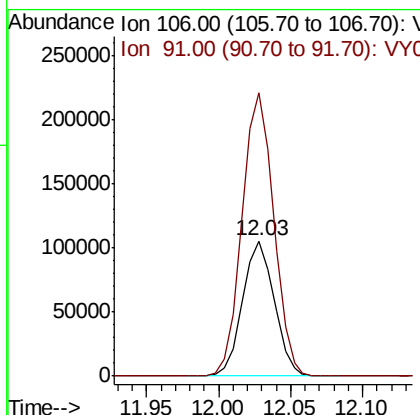
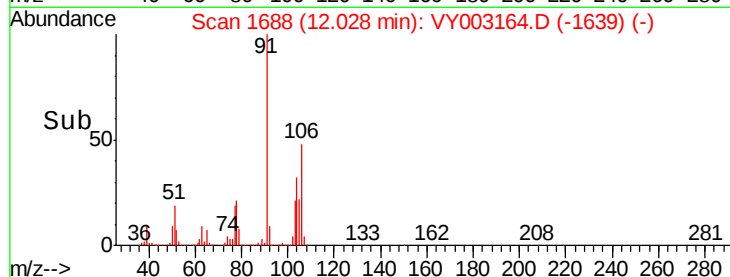
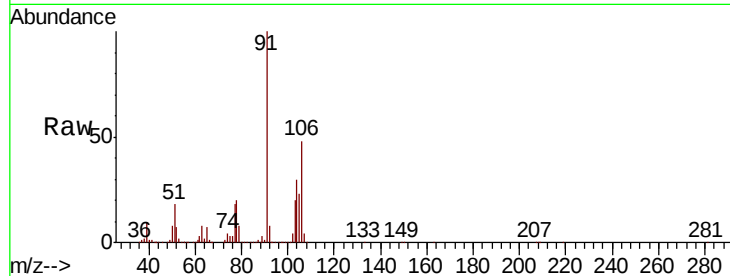




#69
o-Xylene
Concen: 20.623 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

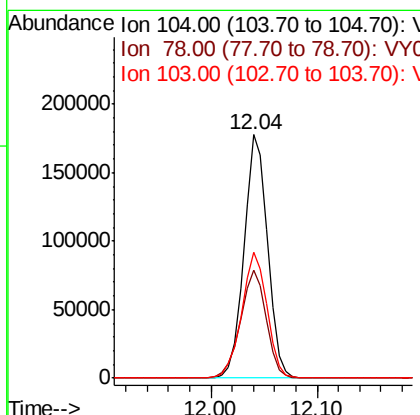
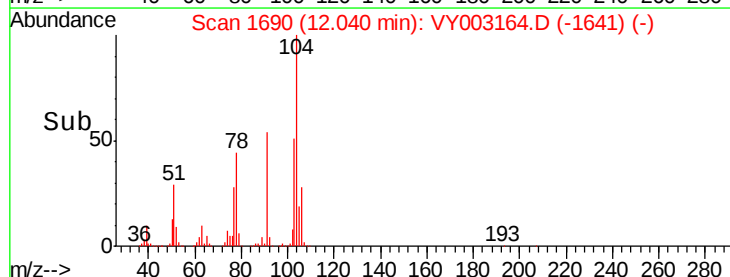
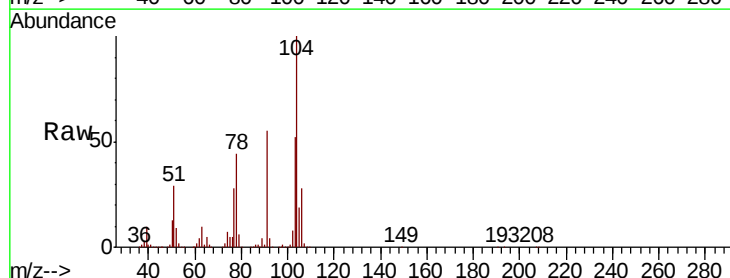
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

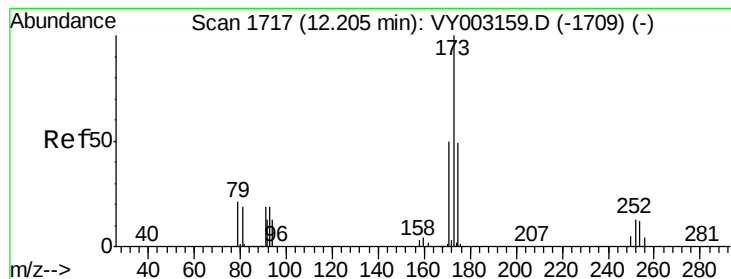
Tot Ion:106 Resp: 160381
Ion Ratio Lower Upper
106 100
91 209.8 105.1 315.1



#70
Styrene
Concen: 20.705 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion:104 Resp: 275451
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 56.0 43.9 65.9





#71

Bromoform

Concen: 19.771 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

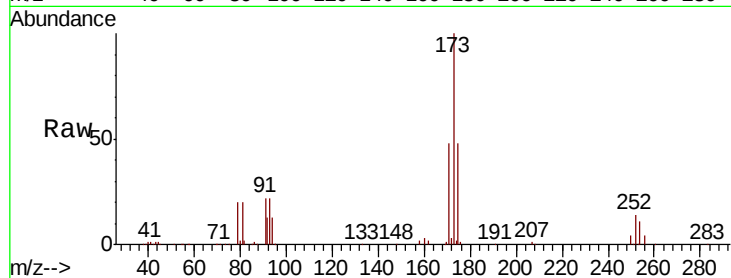
Tot Ion:173 Resp: 61928

Ion Ratio Lower Upper

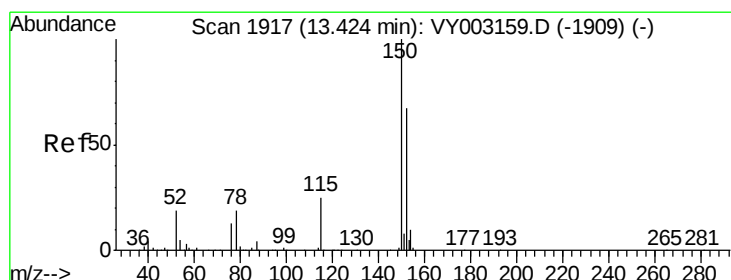
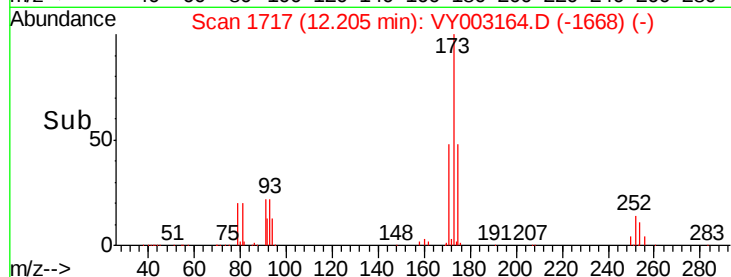
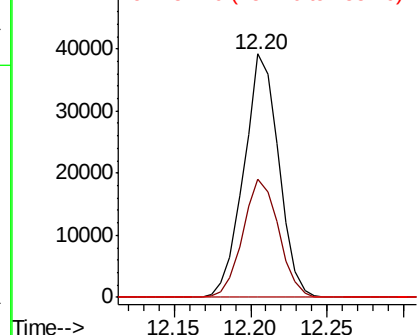
173 100

175 49.9 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: VY003164.D

Acq: 10 Jul 2020 15:34

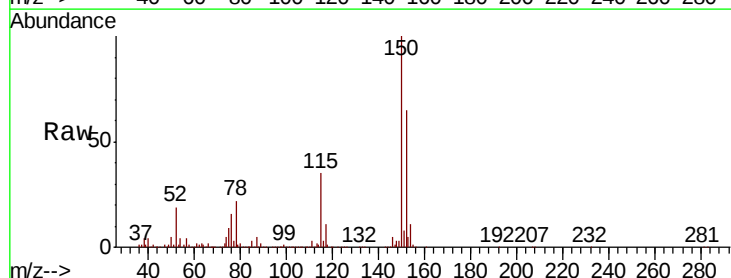
Tgt Ion:152 Resp: 338513

Ion Ratio Lower Upper

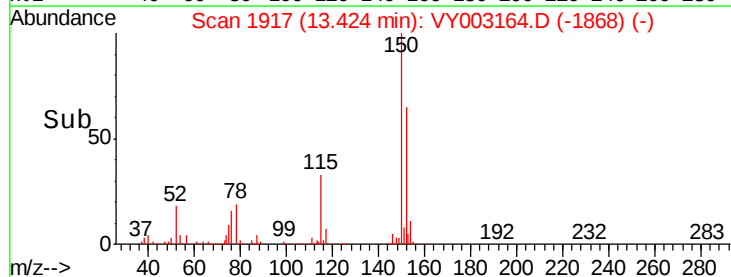
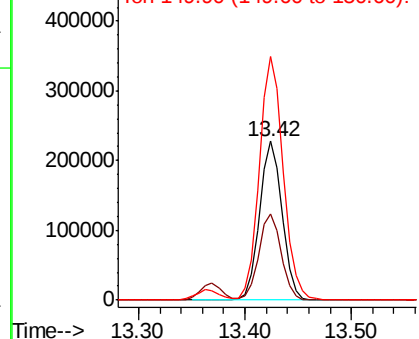
152 100

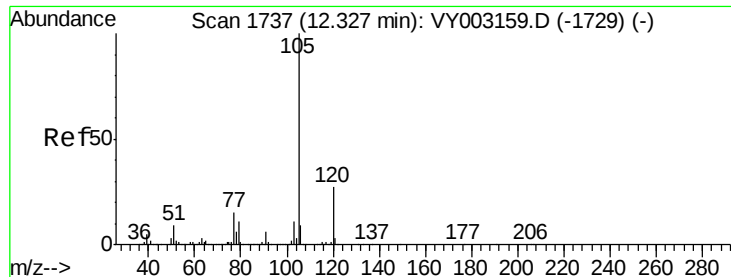
115 54.3 26.9 80.7

150 161.7 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: 20.533 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

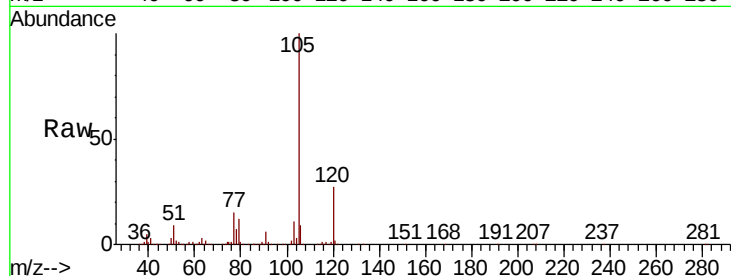
VY0710SBS01

Tot Ion:105 Resp: 442942

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

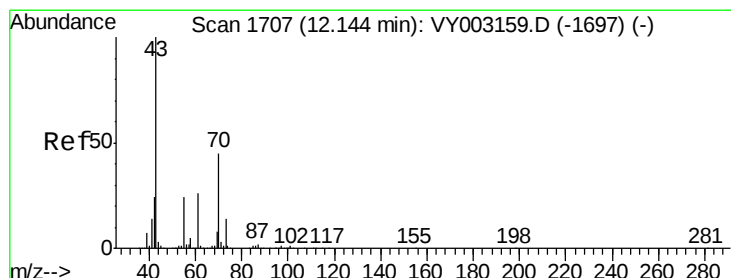
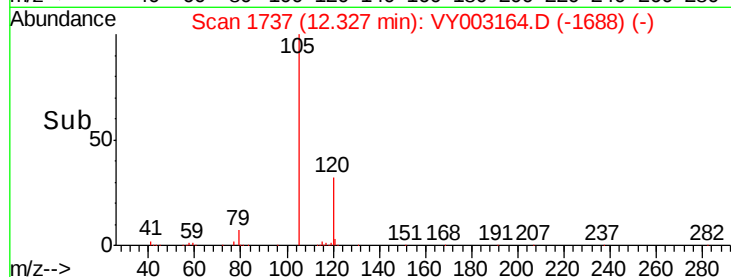
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.347 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion: 43 Resp: 123161

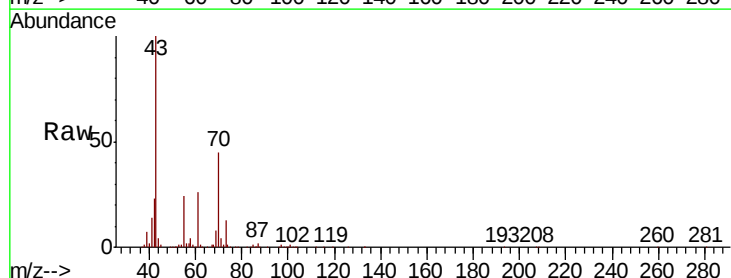
Ion Ratio Lower Upper

43 100

70 45.5 35.6 53.4

55 24.3 19.4 29.2

61 25.4 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

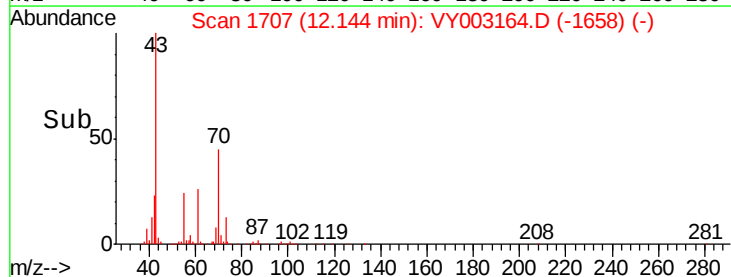
Ion 61.00 (60.70 to 61.70): VY0

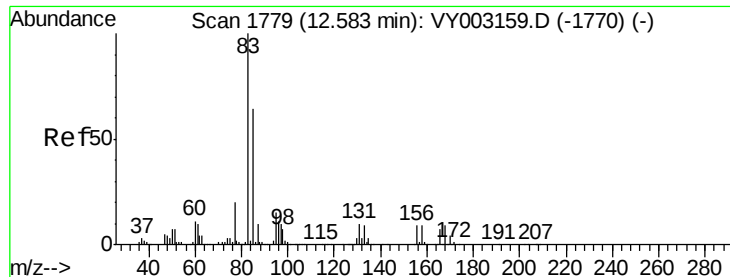
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.958 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

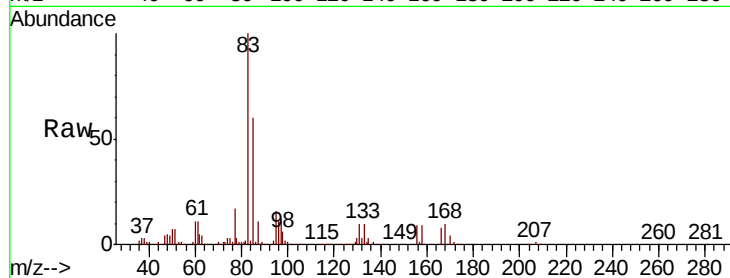
Tot Ion: 83 Resp: 83153

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

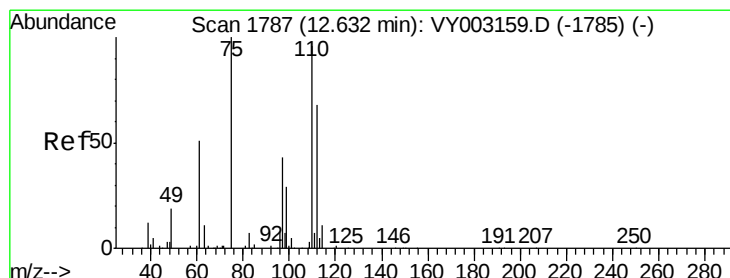
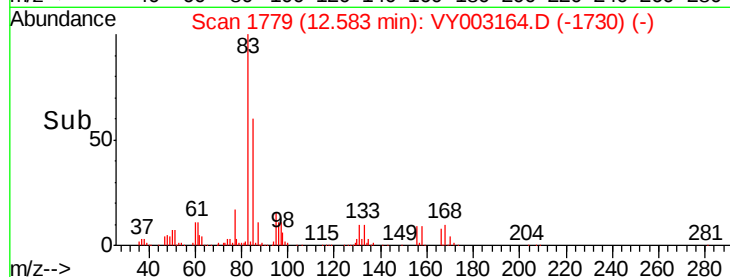
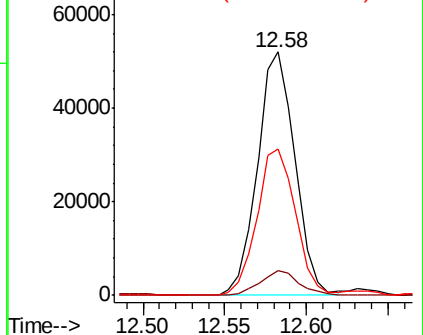
85 61.8 32.0 96.0



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: 38.419 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003164.D

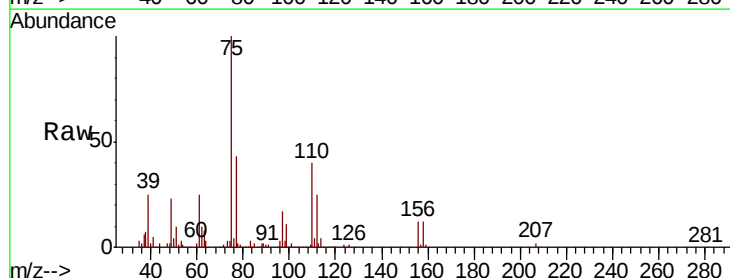
Acq: 10 Jul 2020 15:34

Tgt Ion: 75 Resp: 115120

Ion Ratio Lower Upper

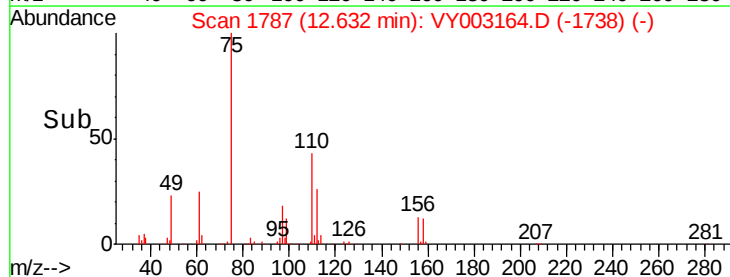
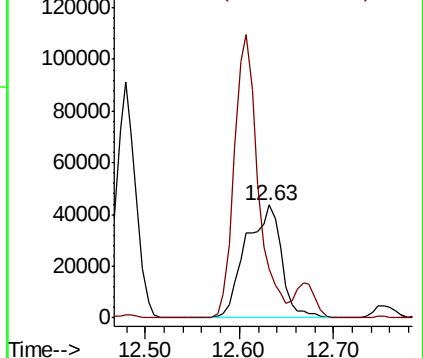
75 100

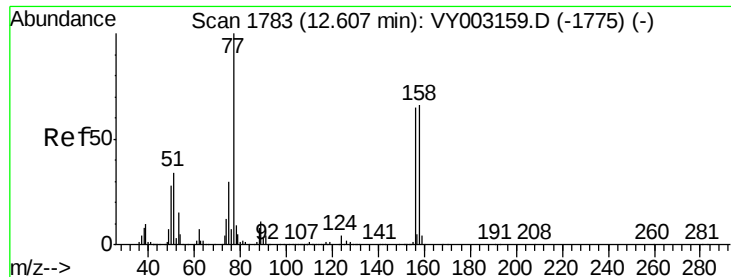
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.473 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

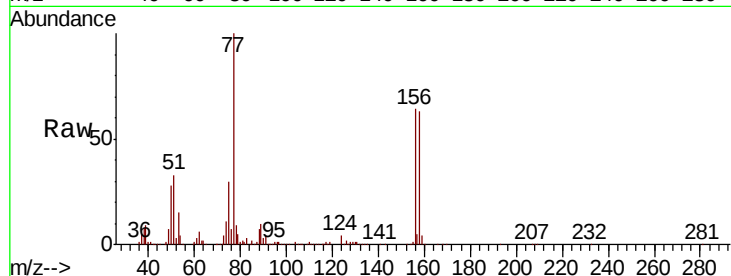
Tot Ion:156 Resp: 112577

Ion Ratio Lower Upper

156 100

77 171.7 86.6 259.7

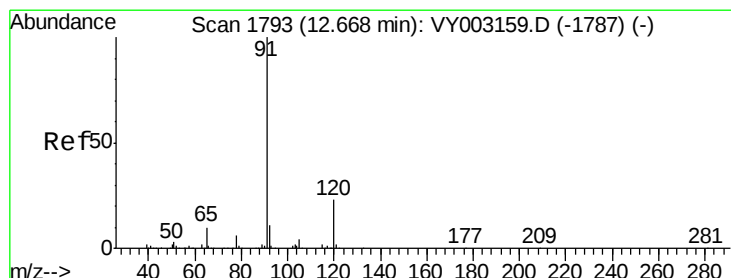
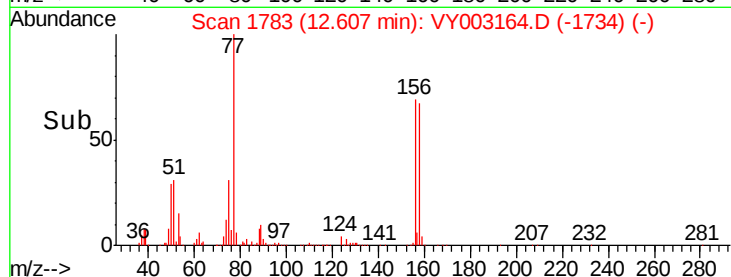
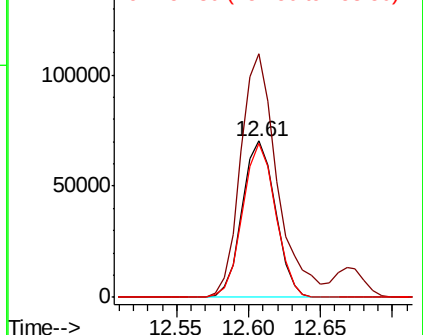
158 97.3 49.4 148.0



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: 20.717 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003164.D

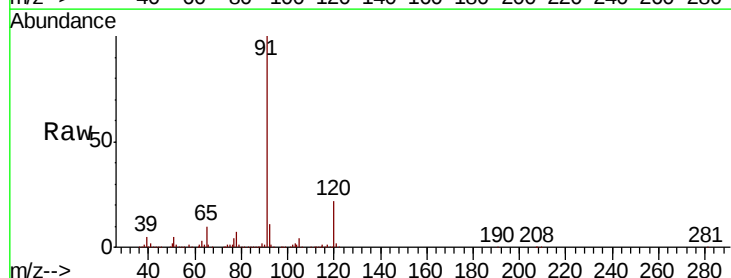
Acq: 10 Jul 2020 15:34

Tgt Ion: 91 Resp: 526811

Ion Ratio Lower Upper

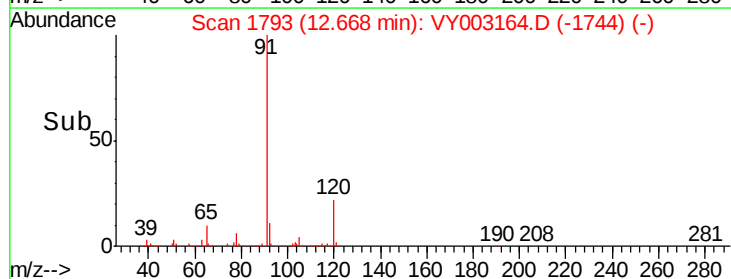
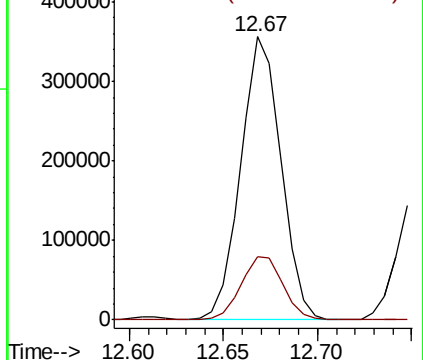
91 100

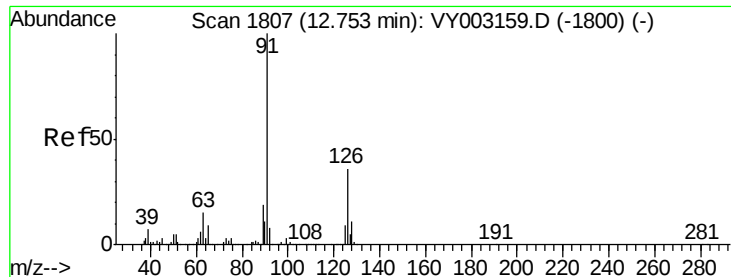
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

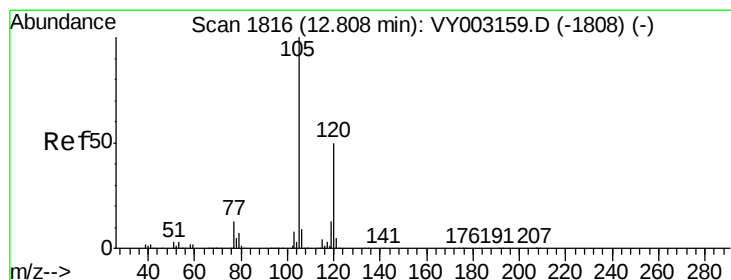
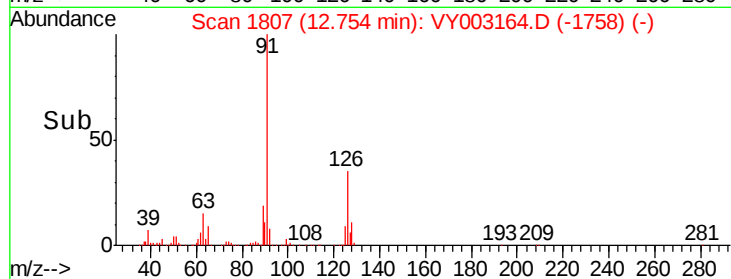
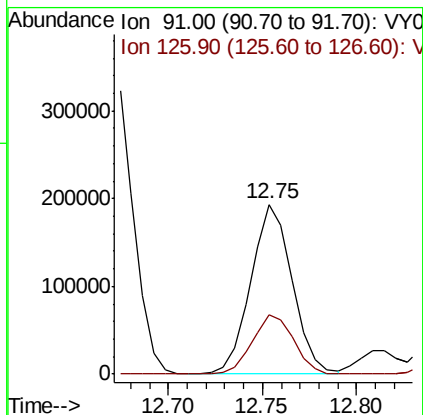
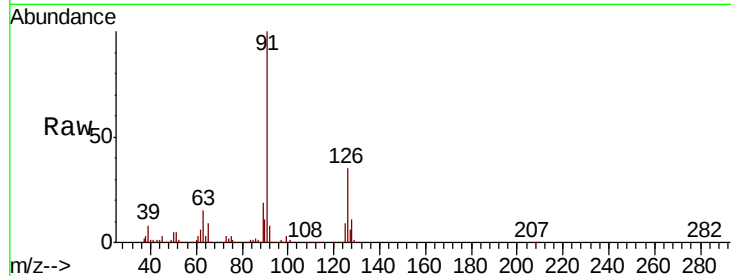




#79
 2-Chlorotoluene
 Concen: 20.664 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

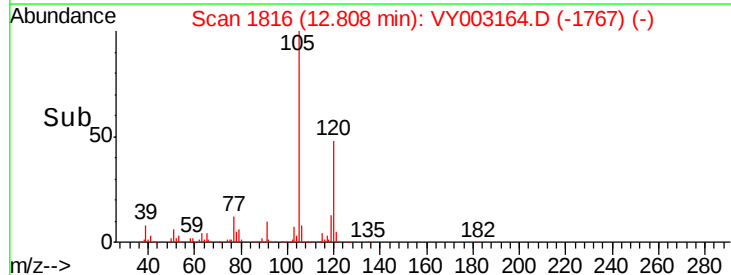
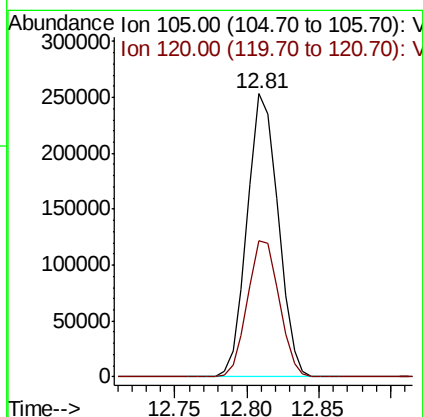
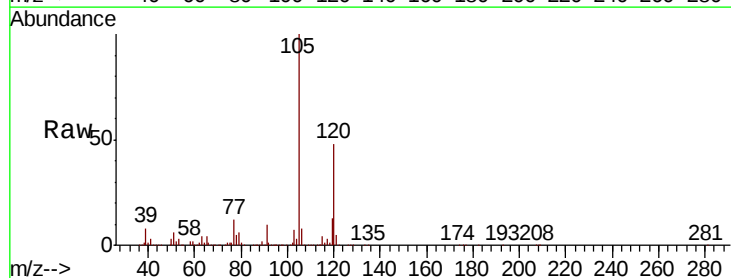
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

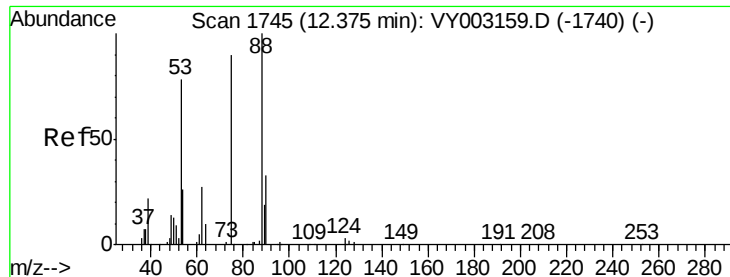
Tot Ion: 91 Resp: 293162
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.916 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion: 105 Resp: 376063
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.752 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

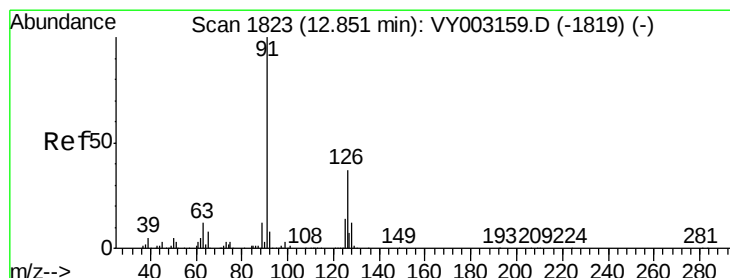
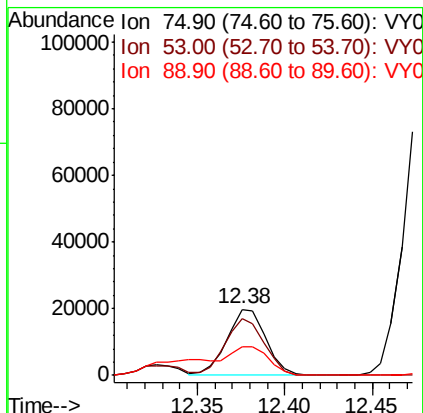
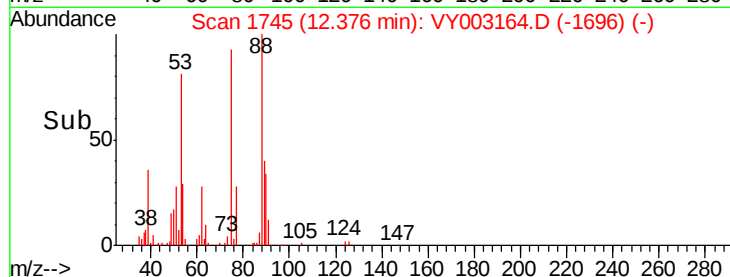
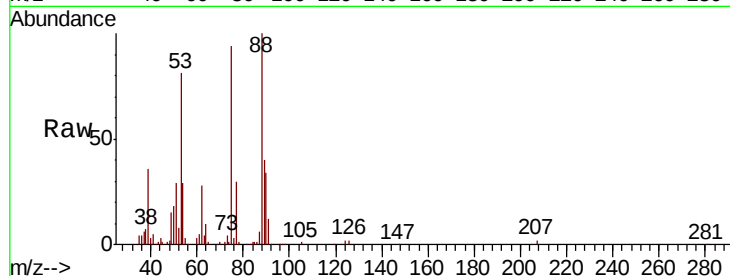
Tot Ion: 75 Resp: 30411

Ion Ratio Lower Upper

75 100

53 88.0 72.0 108.0

89 41.9 37.3 55.9



#82

4-Chlorotoluene

Concen: 20.746 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003164.D

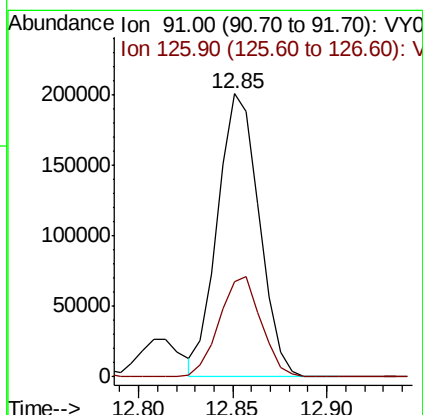
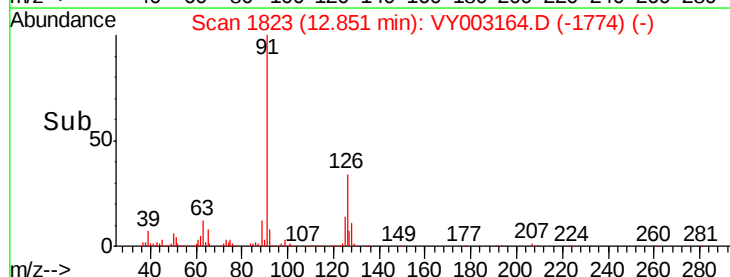
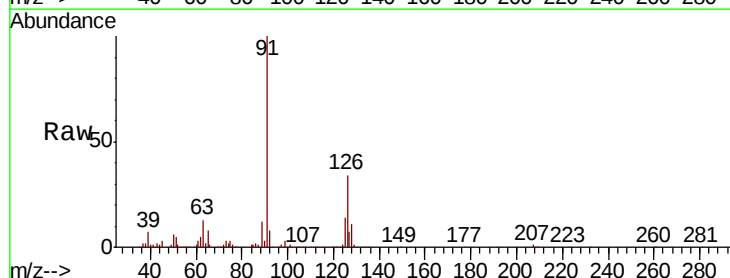
Acq: 10 Jul 2020 15:34

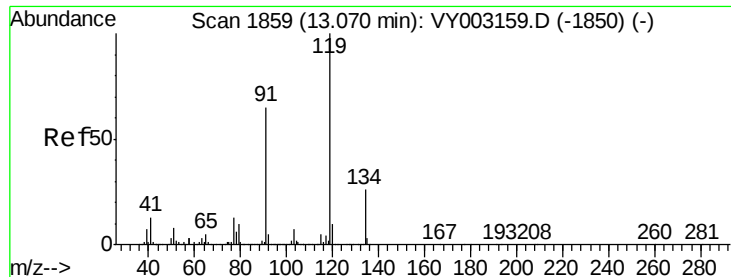
Tgt Ion: 91 Resp: 307218

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7





#83

tert-Butylbenzene

Concen: 20.825 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

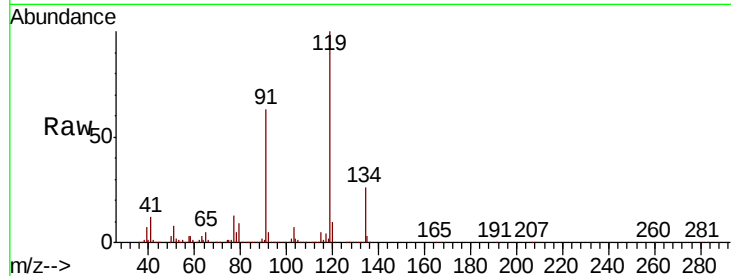
Tot Ion:119 Resp: 330374

Ion Ratio Lower Upper

119 100

91 62.6 30.8 92.4

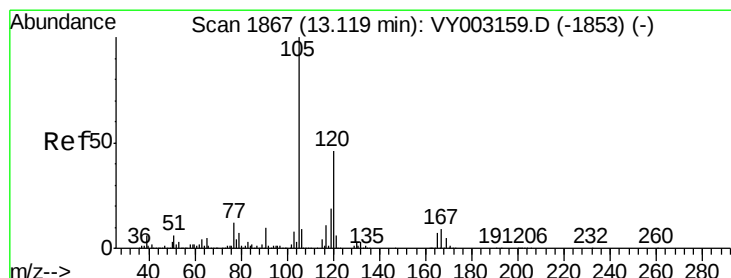
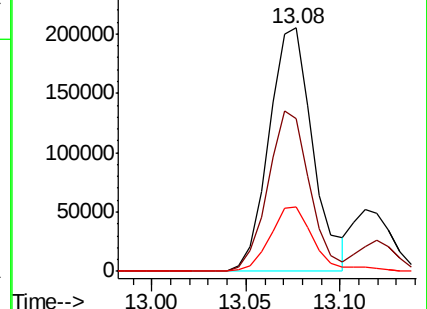
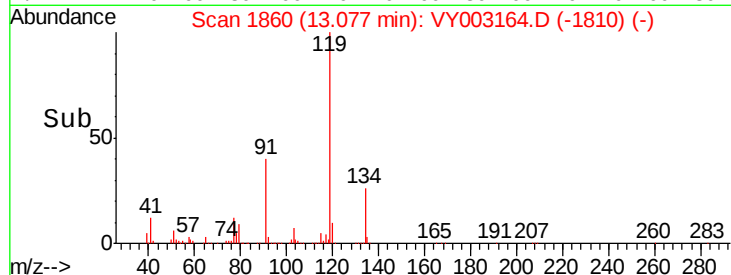
134 26.6 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.796 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003164.D

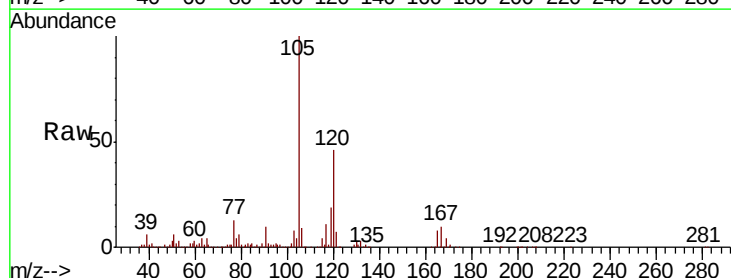
Acq: 10 Jul 2020 15:34

Tgt Ion:105 Resp: 376215

Ion Ratio Lower Upper

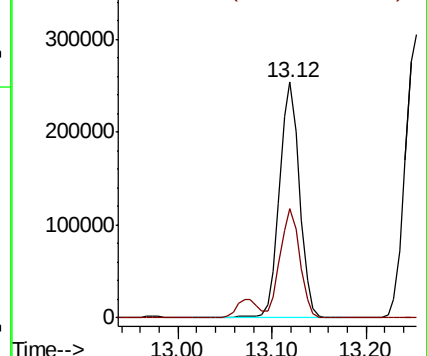
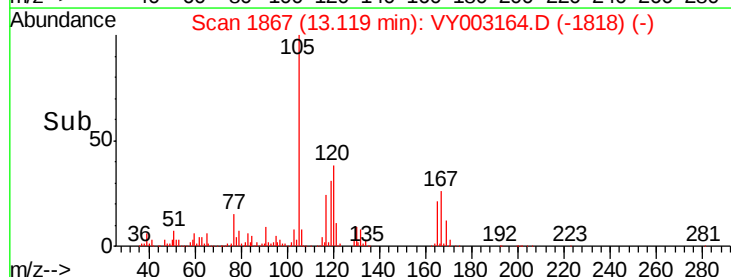
105 100

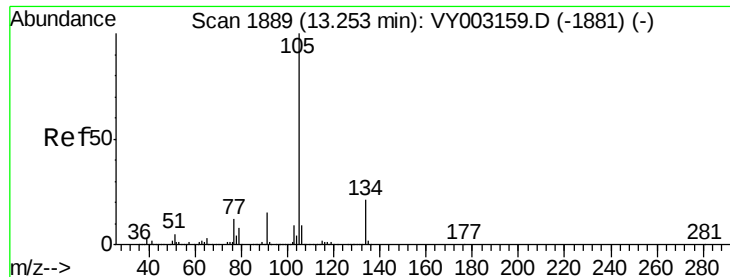
120 46.1 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.808 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

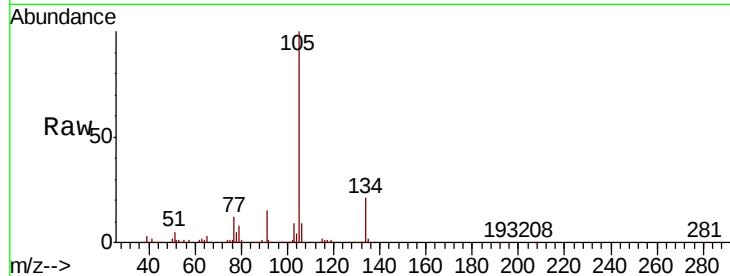
VY0710SBS01

Tot Ion:105 Resp: 453709

Ion Ratio Lower Upper

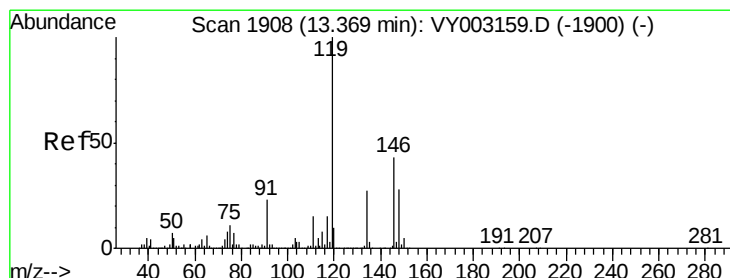
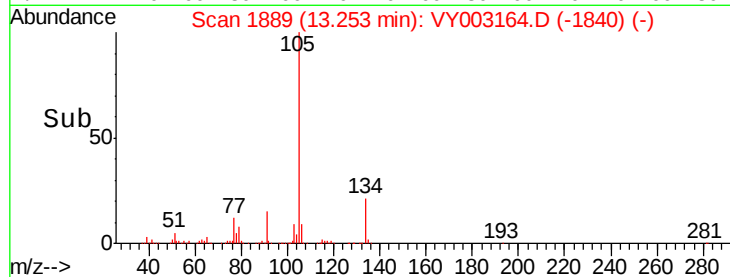
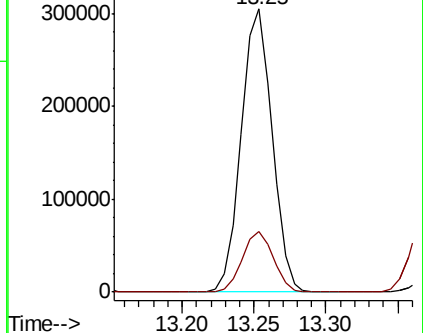
105 100

134 21.3 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: 20.781 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

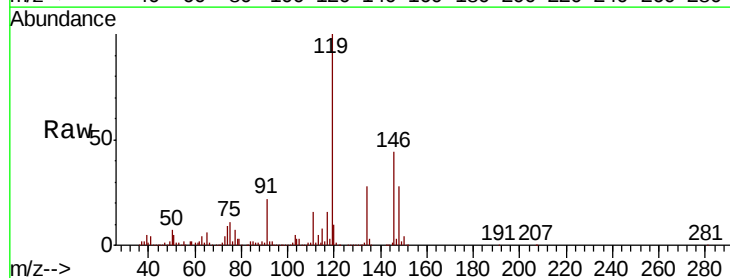
Tgt Ion:119 Resp: 423096

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

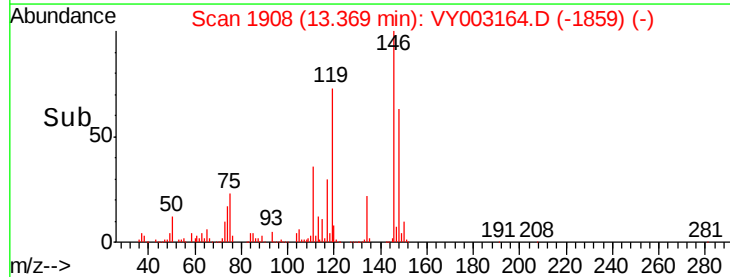
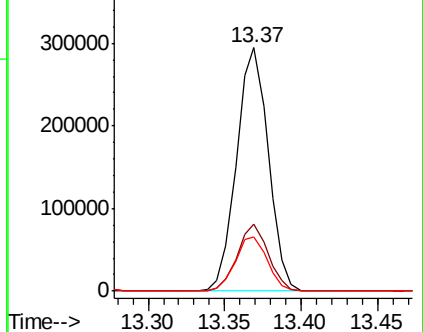
91 22.3 11.2 33.6

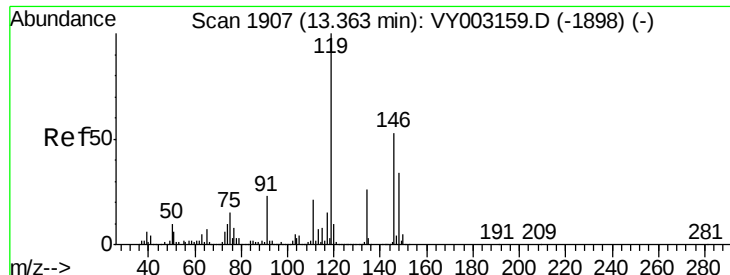


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.395 ug/l

RT: 13.36 min Scan# 1907

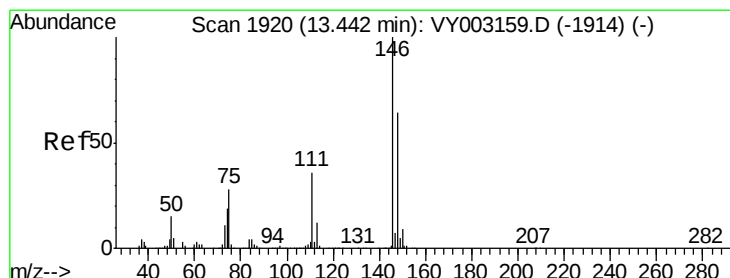
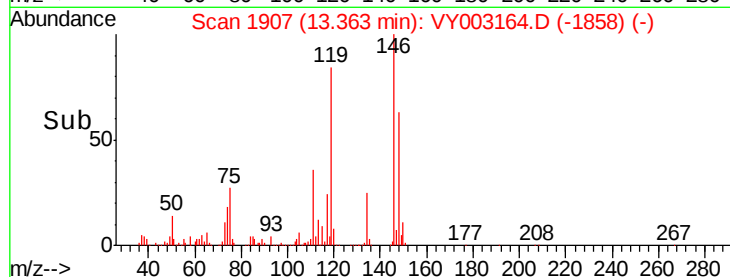
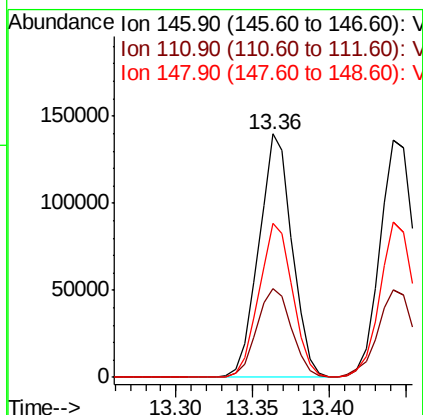
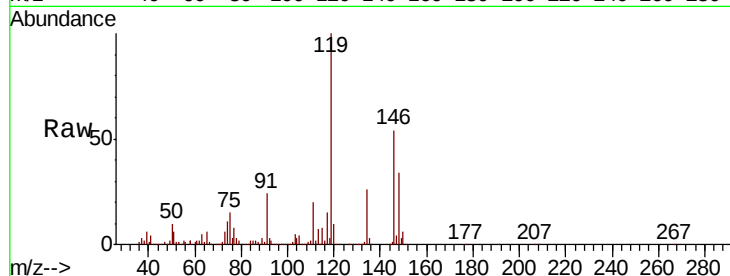
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	63.9	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 20.535 ug/l

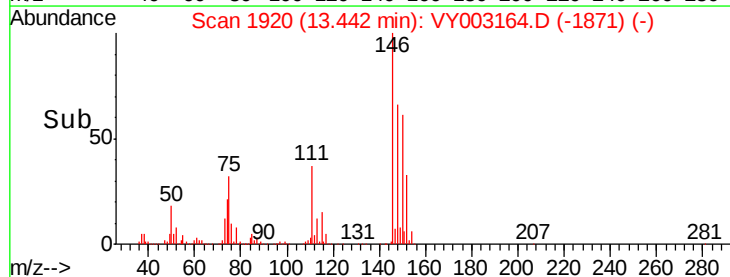
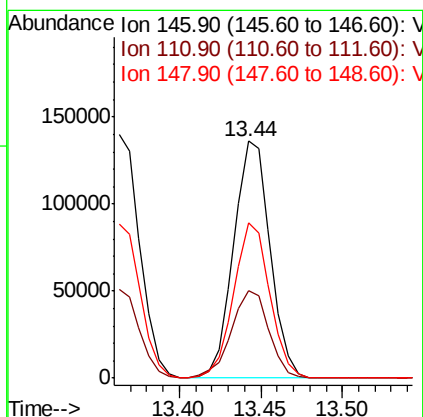
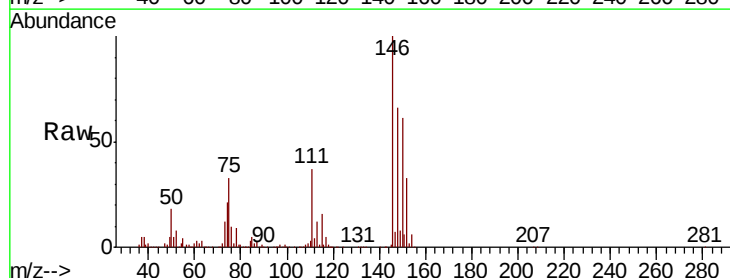
RT: 13.44 min Scan# 1920

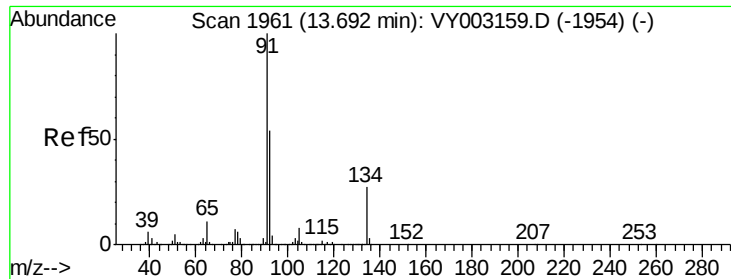
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.4	55.0
148	65.2	32.0	96.0





#89

n-Butylbenzene

Concen: 20.932 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

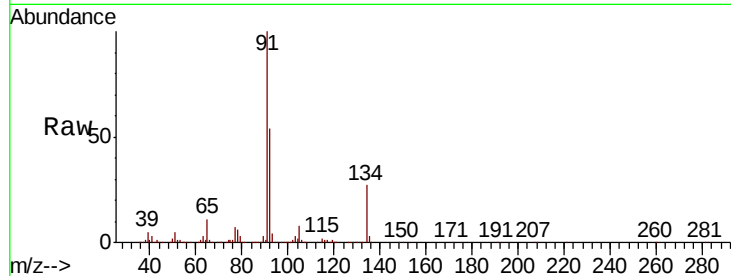
Tot Ion: 91 Resp: 400859

Ion Ratio Lower Upper

91 100

92 54.0 26.9 80.7

134 26.9 13.6 40.7

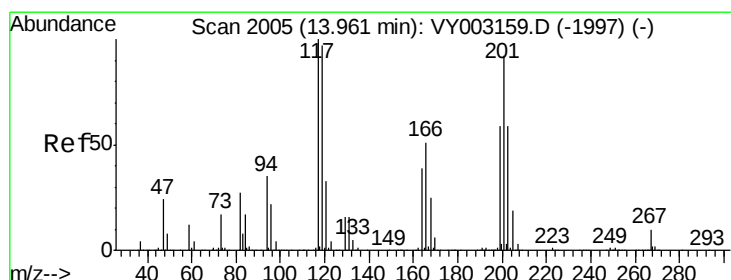
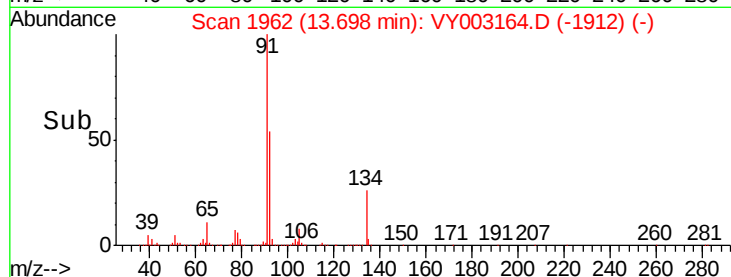


Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY003159.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY003159.D (-1954) (-)

Time-->



#90

Hexachloroethane

Concen: 20.074 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003164.D

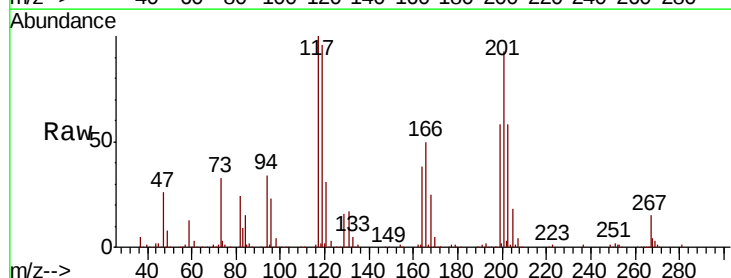
Acq: 10 Jul 2020 15:34

Tgt Ion: 117 Resp: 74426

Ion Ratio Lower Upper

117 100

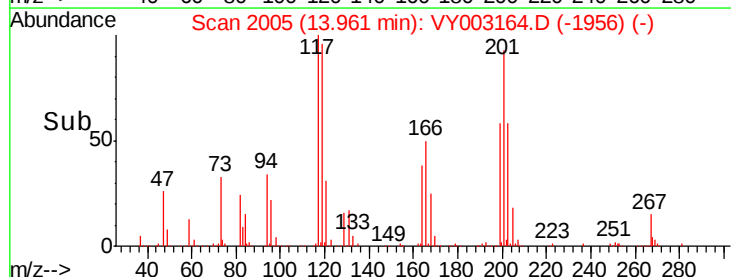
201 92.5 45.1 135.3

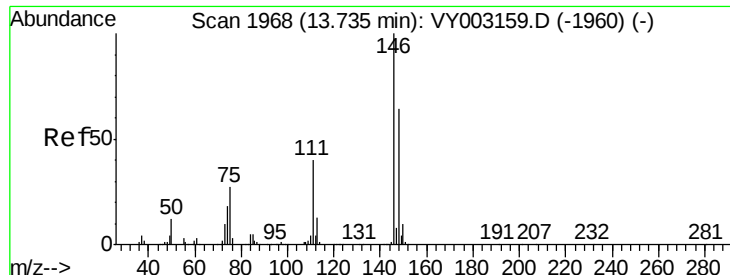


Abundance Ion 116.80 (116.50 to 117.50): VY003159.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY003159.D (-1997) (-)

Time-->

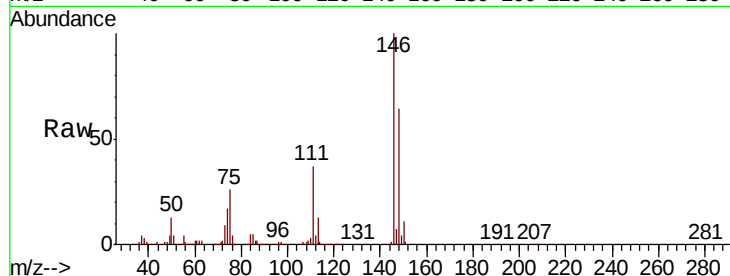




#91
 1,2-Dichlorobenzene
 Concen: 20.837 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.6	58.8
148	64.0	32.4	97.0

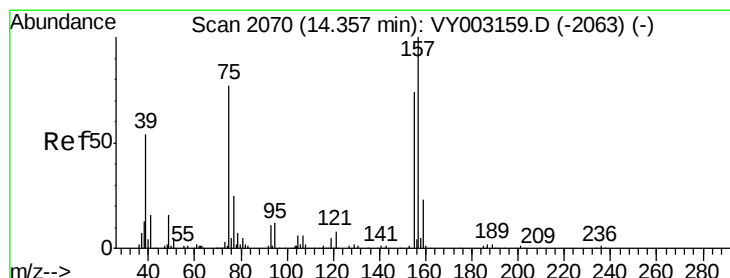
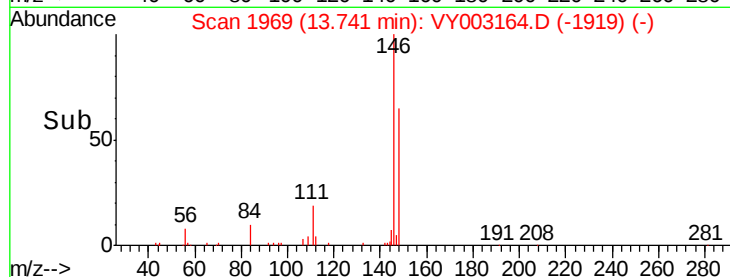
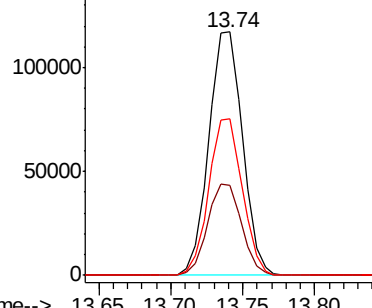


Abundance

Ion 145.90 (145.60 to 146.60): V

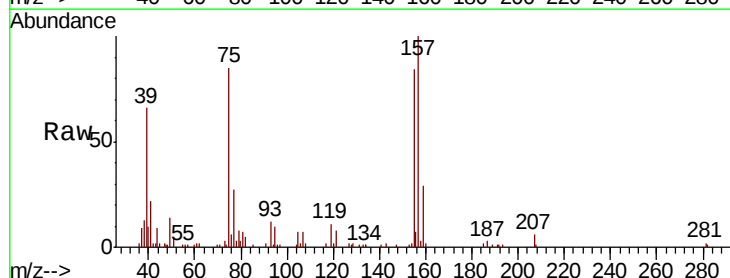
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.529 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	48.1	144.3
157	119.1	61.9	185.6

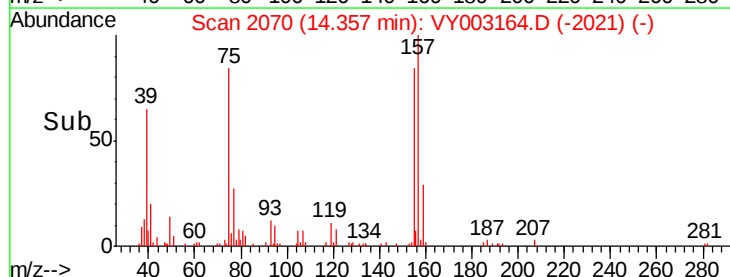
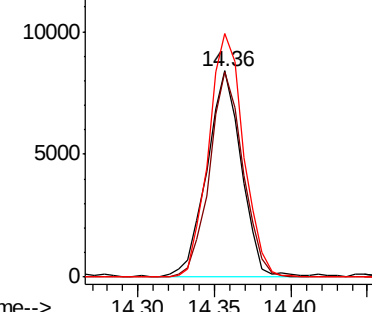


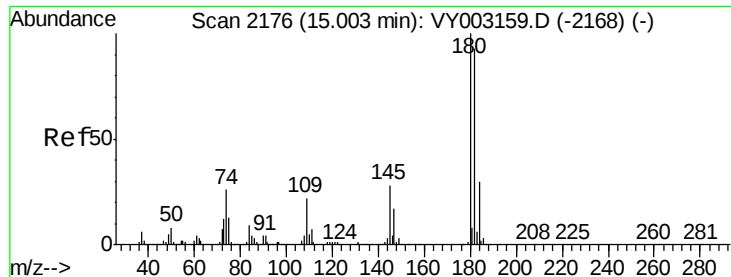
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

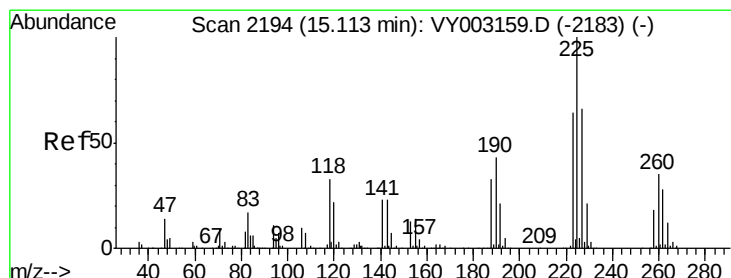
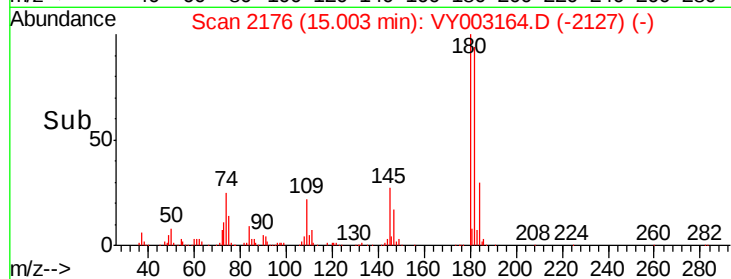
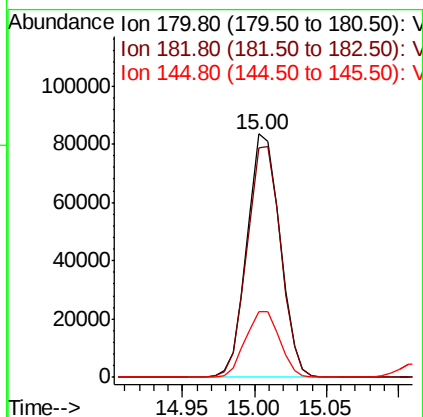
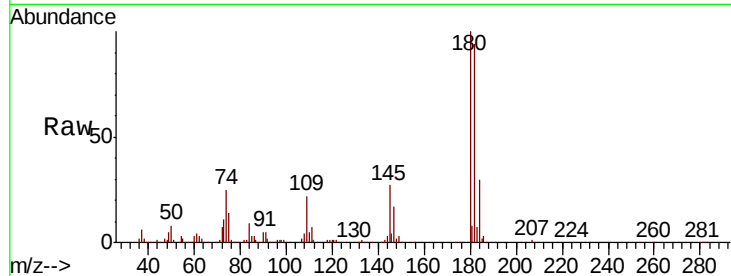




#93
 1,2,4-Trichlorobenzene
 Concen: 20.427 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

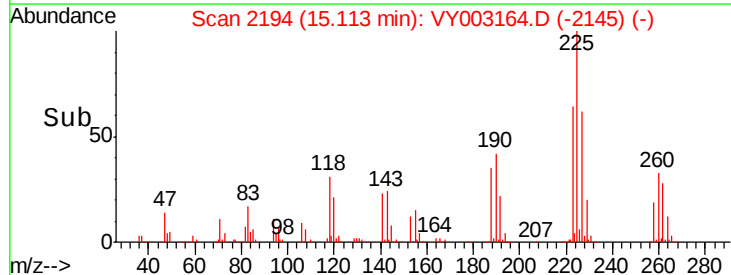
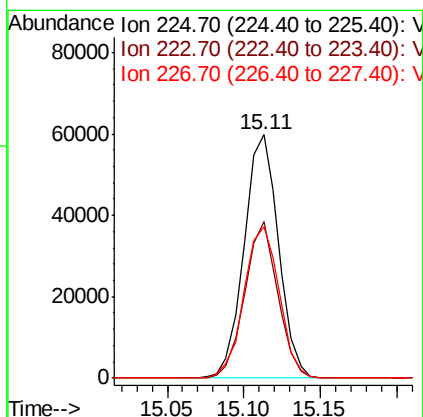
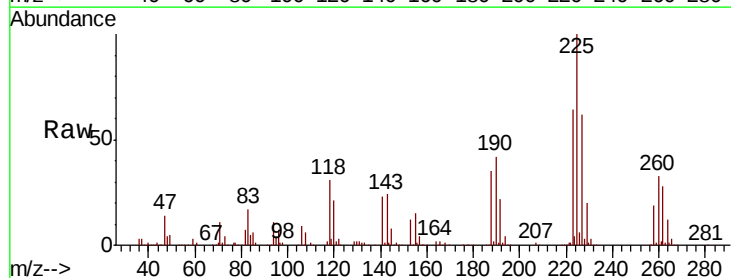
Instrument :
 MSVOA_Y
 ClientSampled :
 VY0710SBS01

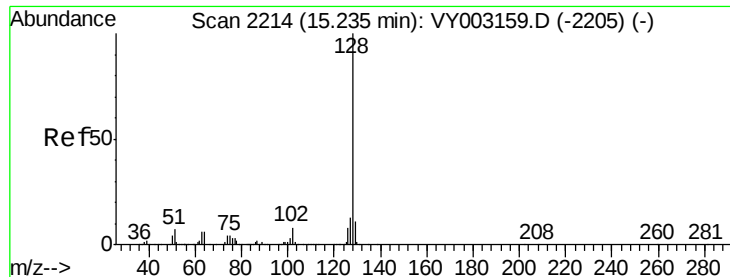
Tot Ion:180 Resp: 132608
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.3 142.0
 145 27.7 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 20.993 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion:225 Resp: 93386
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 94.7
 227 64.0 32.3 96.8





#95

Naphthalene

Concen: 19.851 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

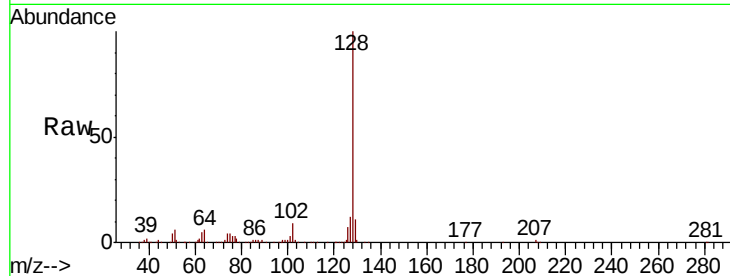
Tot Ion:128 Resp: 212984

Ion Ratio Lower Upper

128 100

127 12.9 10.9 16.3

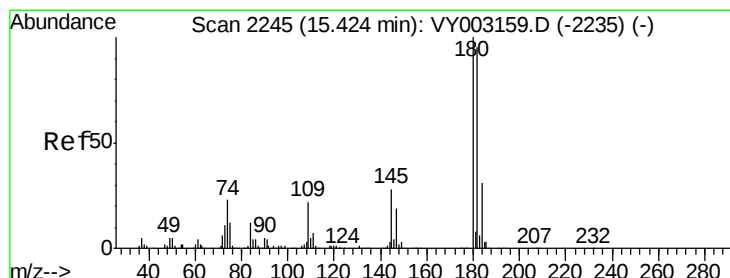
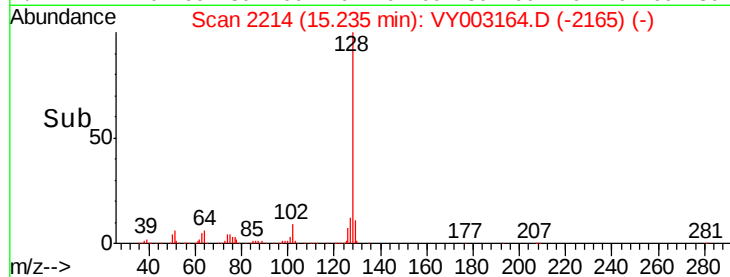
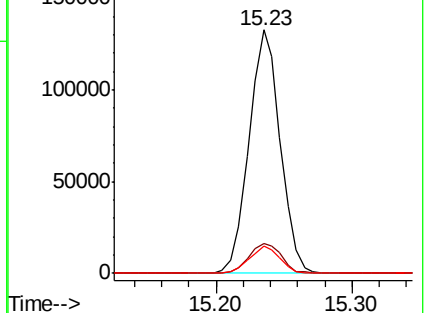
129 11.0 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.779 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

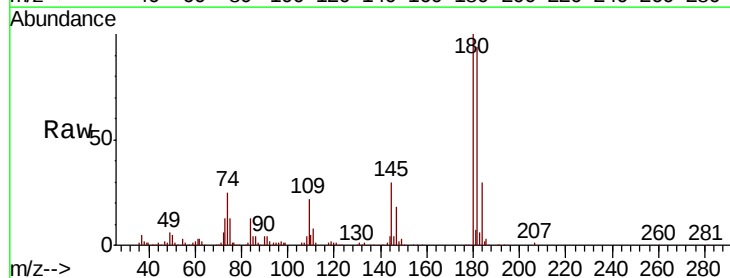
Tgt Ion:180 Resp: 101504

Ion Ratio Lower Upper

180 100

182 96.4 48.8 146.3

145 29.0 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

