

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060320\
 Data File : VY002823.D
 Acq On : 03 Jun 2020 11:18
 Operator : SY/MD
 Sample : VY0603SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Quant Time: Jun 03 12:55:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	338526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	499187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	459921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	243462	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	145387	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.72	113	152847	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.18	98	601947	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.49	95	209055	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	49390	21.20	ug/l	99
3) Chloromethane	2.12	50	55653	21.60	ug/l	98
4) Vinyl Chloride	2.26	62	61169	22.46	ug/l	96
5) Bromomethane	2.65	94	41809	20.49	ug/l	97
6) Chloroethane	2.80	64	38970	22.07	ug/l	99
7) Trichlorofluoromethane	3.13	101	101317	21.01	ug/l	98
8) Diethyl Ether	3.54	74	36592	19.43	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	62850	21.95	ug/l	99
10) Methyl Iodide	4.10	142	80239	20.02	ug/l	98
11) Tert butyl alcohol	4.97	59	32541	95.09	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	62232	21.61	ug/l	97
13) Acrolein	3.74	56	30693	89.11	ug/l	98
14) Allyl chloride	4.49	41	91341	22.11	ug/l	99
15) Acrylonitrile	5.18	53	85338	100.44	ug/l	98
16) Acetone	3.96	43	67002	97.21	ug/l	97
17) Carbon Disulfide	4.20	76	181984	20.91	ug/l	99
18) Methyl Acetate	4.49	43	38760	21.87	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	160137	20.14	ug/l	99
20) Methylene Chloride	4.72	84	76204	22.62	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	68998	21.30	ug/l	99
22) Diisopropyl ether	6.13	45	189977	22.13	ug/l	99
23) Vinyl Acetate	6.07	43	592632	104.58	ug/l	100
24) 1,1-Dichloroethane	6.02	63	109422	21.79	ug/l	99
25) 2-Butanone	7.00	43	104794	97.59	ug/l	98
26) 2,2-Dichloropropane	6.99	77	103062	21.40	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	77492	21.37	ug/l	99
28) Bromochloromethane	7.34	49	46228	22.43	ug/l	98
29) Tetrahydrofuran	7.35	42	67654	96.86	ug/l	99
30) Chloroform	7.51	83	113963	21.39	ug/l	98
31) Cyclohexane	7.79	56	103703	20.80	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	102028	20.55	ug/l	99
36) 1,1-Dichloropropene	7.93	75	90786	21.59	ug/l	100
37) Ethyl Acetate	7.08	43	46642	20.39	ug/l	100
38) Carbon Tetrachloride	7.91	117	95536	20.45	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	115044	20.76	ug/l	98
40) Benzene	8.16	78	263886	21.24	ug/l	98
41) Methacrylonitrile	7.35	41	62875	51.16	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	70271	20.18	ug/l	100
43) Isopropyl Acetate	8.28	43	86604	19.98	ug/l	98
44) Trichloroethene	8.94	130	82265	20.96	ug/l	98
45) 1,2-Dichloropropane	9.22	63	64868	21.77	ug/l	98
46) Dibromomethane	9.31	93	36663	20.72	ug/l	97
47) Bromodichloromethane	9.50	83	87992	21.09	ug/l	98
48) Methyl methacrylate	9.30	41	38745	19.80	ug/l	100
49) 1,4-Dioxane	9.31	88	10156	373.78	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	224179	97.65	ug/l	100
52) Toluene	10.25	92	169940	20.91	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	93725	20.57	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	108552	21.02	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	56451	20.84	ug/l	98
56) Ethyl methacrylate	10.51	69	72417	19.96	ug/l	100
57) 1,3-Dichloropropane	10.79	76	93005	20.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	184698	104.17	ug/l	98
59) 2-Hexanone	10.83	43	157191	96.50	ug/l	99
60) Dibromochloromethane	10.99	129	70074	20.40	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53763	20.12	ug/l	99
64) Tetrachloroethene	10.72	164	85282	20.40	ug/l	97
65) Chlorobenzene	11.52	112	191786	21.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	71898	21.00	ug/l	99
67) Ethyl Benzene	11.60	91	334087	21.20	ug/l	99
68) m/p-Xylenes	11.70	106	257217	42.10	ug/l	100
69) o-Xylene	12.03	106	121876	21.13	ug/l	99
70) Styrene	12.05	104	210424	21.04	ug/l	100
71) Bromoform	12.21	173	45876	20.03	ug/l #	99
73) Isopropylbenzene	12.33	105	335238	21.49	ug/l	100
74) N-amyl acetate	12.14	43	81451	20.35	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	57675	21.07	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	83667	38.14	ug/l #	100
77) Bromobenzene	12.61	156	84315	20.75	ug/l	99
78) n-propylbenzene	12.67	91	388224	21.54	ug/l	100
79) 2-Chlorotoluene	12.76	91	216168	21.38	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	278780	21.40	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23117	19.85	ug/l	99
82) 4-Chlorotoluene	12.86	91	228021	21.53	ug/l	99
83) tert-Butylbenzene	13.08	119	245487	21.13	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	279624	21.35	ug/l	100
85) sec-Butylbenzene	13.25	105	339258	21.35	ug/l	100
86) p-Isopropyltoluene	13.37	119	317443	21.47	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	162937	21.17	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	162092	21.06	ug/l	99
89) n-Butylbenzene	13.70	91	291726	21.73	ug/l	99
90) Hexachloroethane	13.96	117	59363	21.45	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	146420	20.98	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9946	18.88	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
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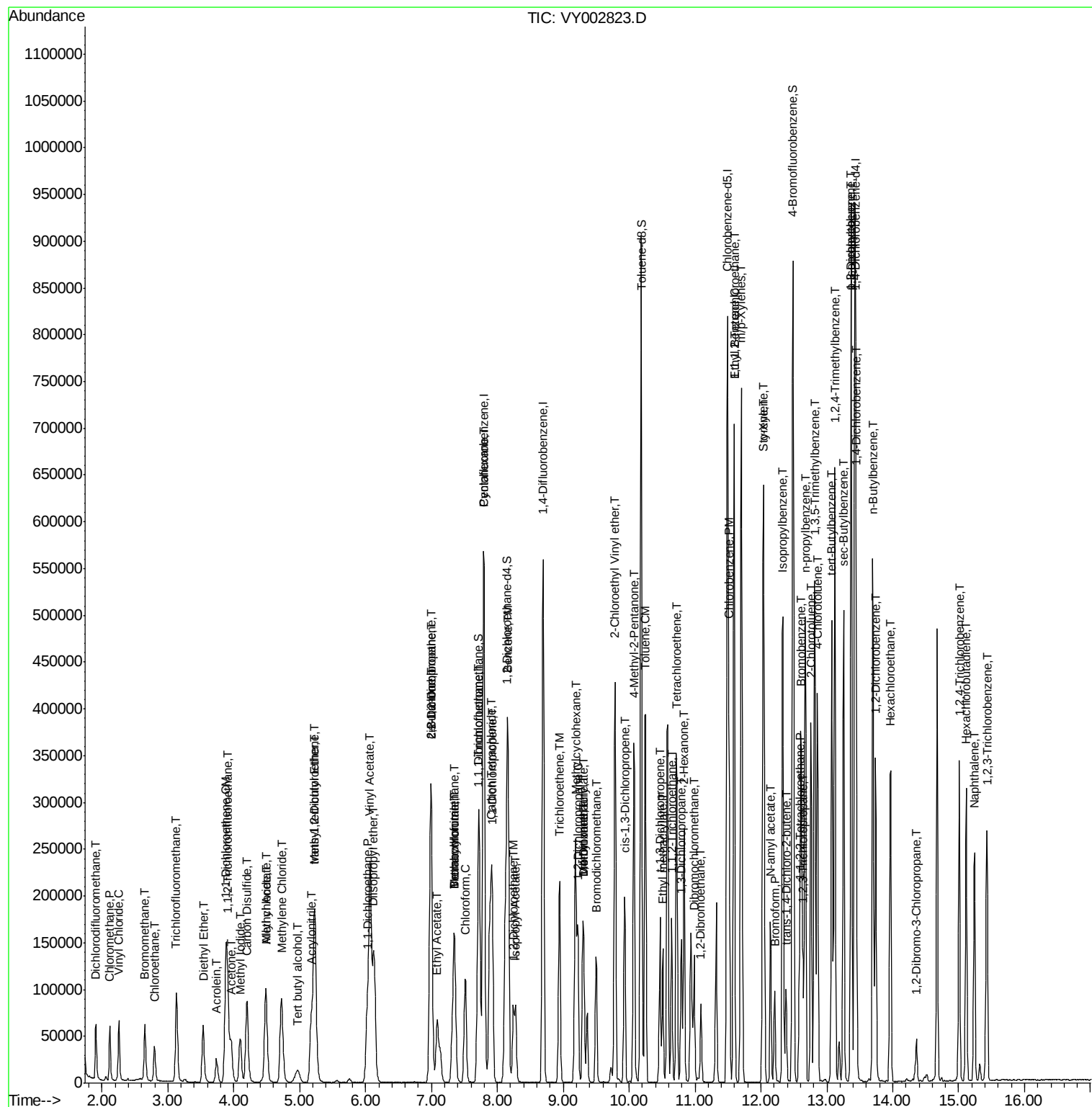
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	109797	20.87	ug/l	99
94) Hexachlorobutadiene	15.11	225	63727	21.36	ug/l	99
95) Naphthalene	15.24	128	206982	19.62	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	97174	20.69	ug/l	98

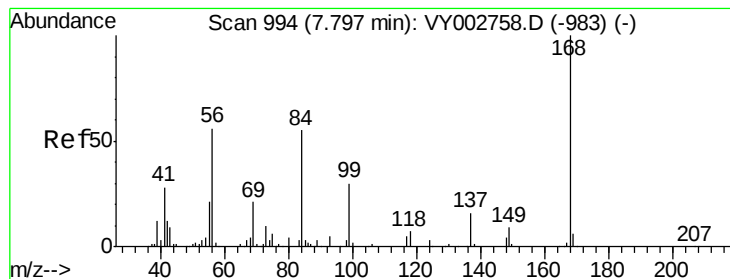
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

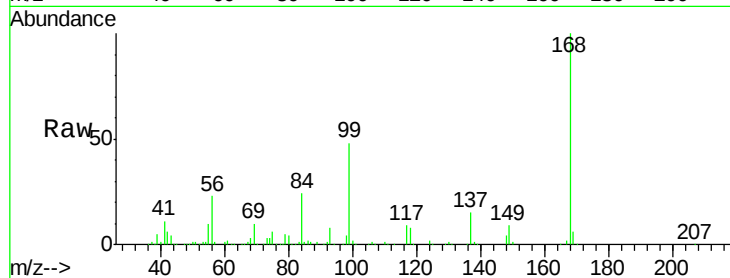
VY0603SBS01

Tgt Ion:168 Resp: 338526

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.4



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

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

7.80

150000

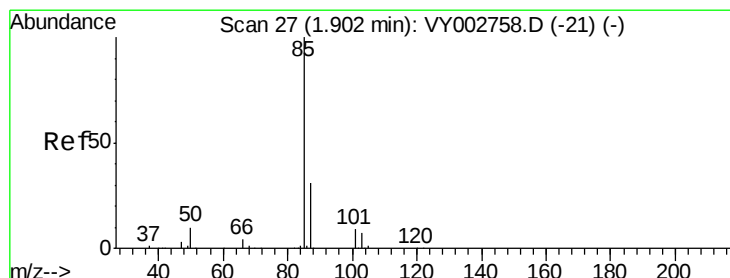
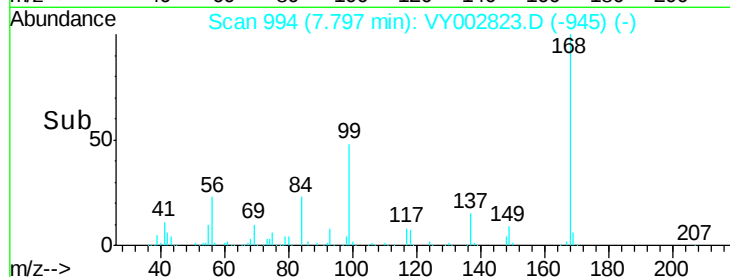
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.20 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002823.D

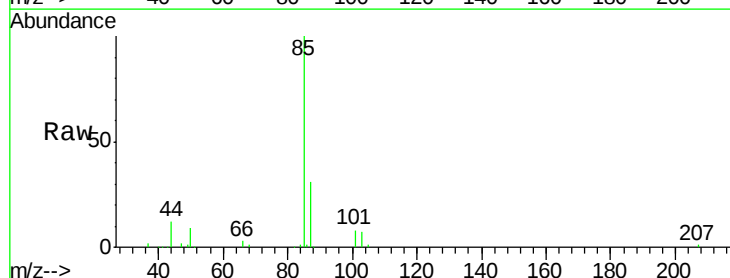
Acq: 03 Jun 2020 11:18

Tgt Ion: 85 Resp: 49390

Ion Ratio Lower Upper

85 100

87 31.4 15.5 46.5



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

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

1.91

40000

30000

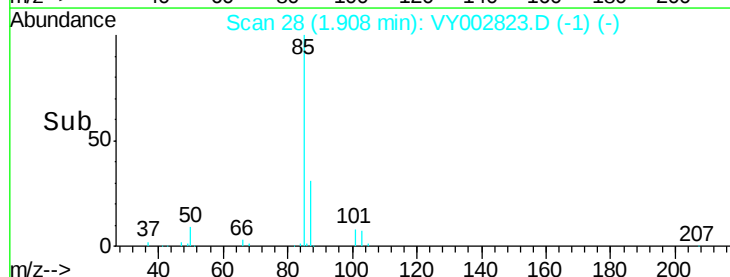
20000

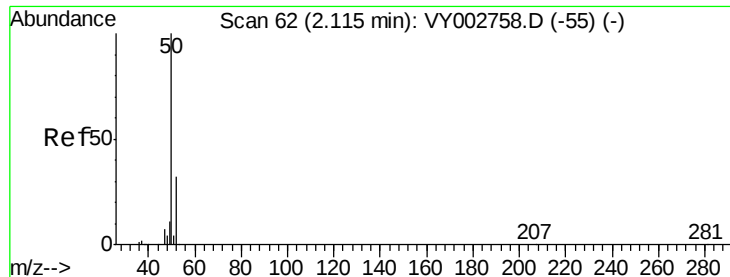
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.60 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

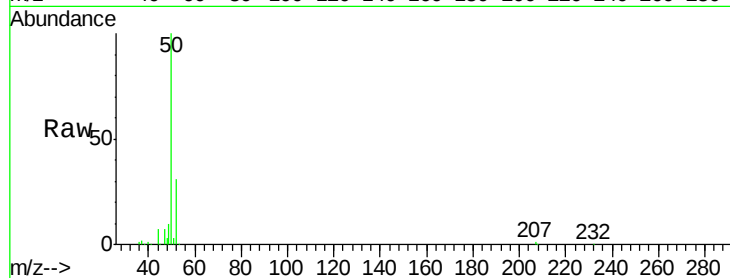
VY0603SBS01

Tgt Ion: 50 Resp: 55653

Ion Ratio Lower Upper

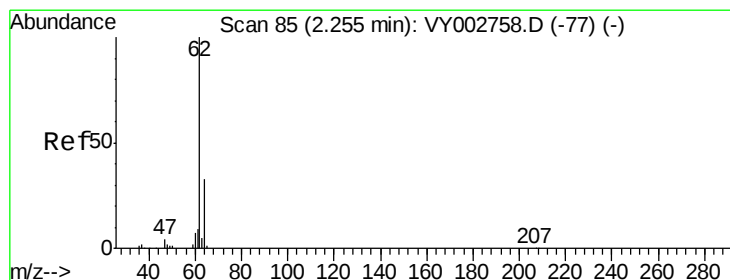
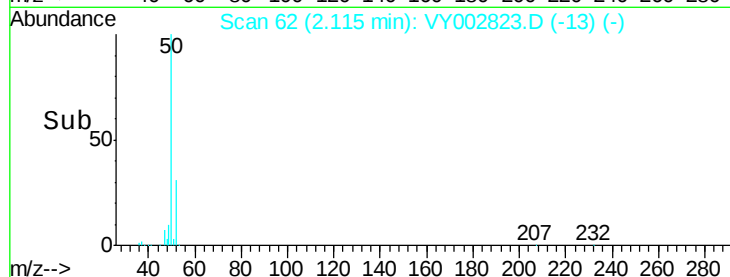
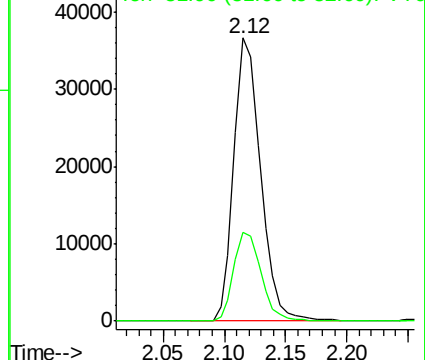
50 100

52 31.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.46 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002823.D

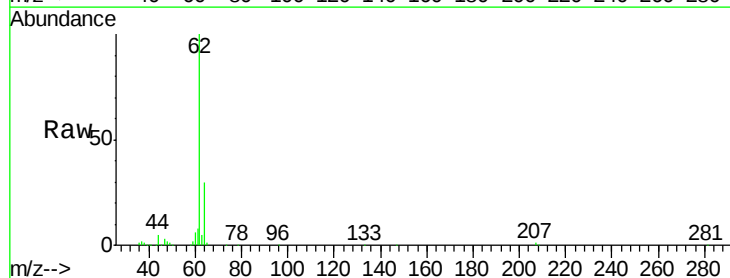
Acq: 03 Jun 2020 11:18

Tgt Ion: 62 Resp: 61169

Ion Ratio Lower Upper

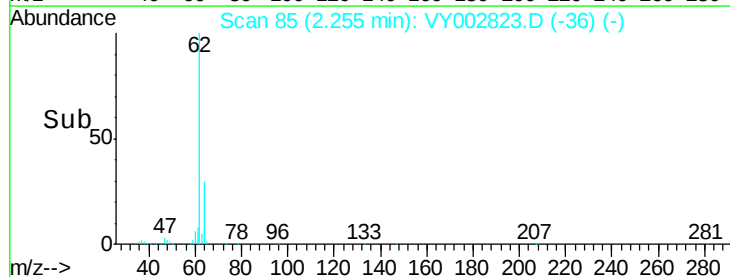
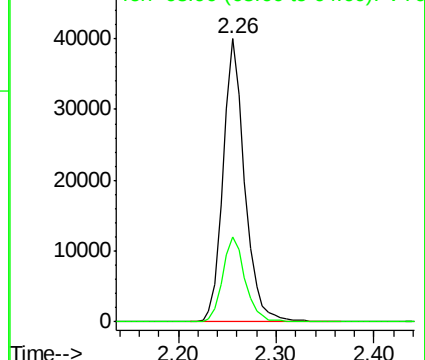
62 100

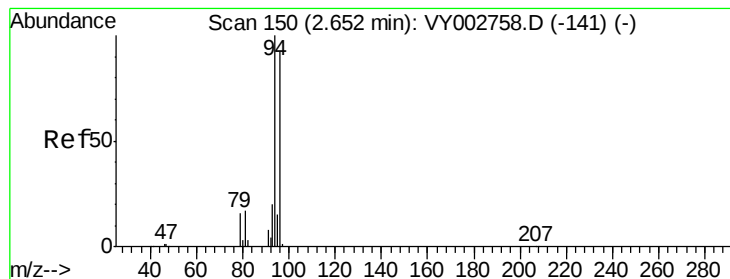
64 30.1 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.49 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

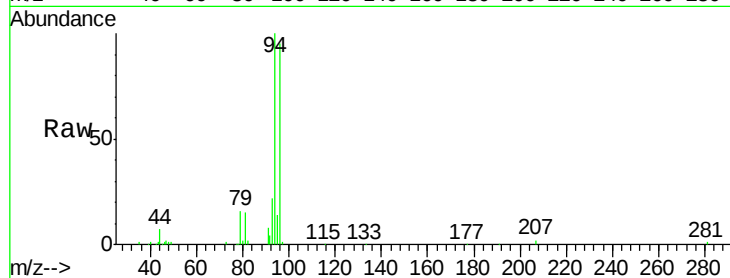
VY0603SBS01

Tgt Ion: 94 Resp: 41809

Ion Ratio Lower Upper

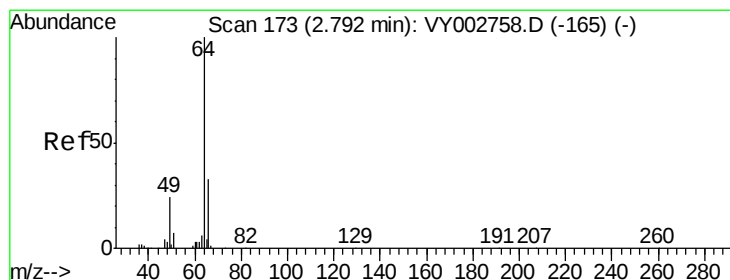
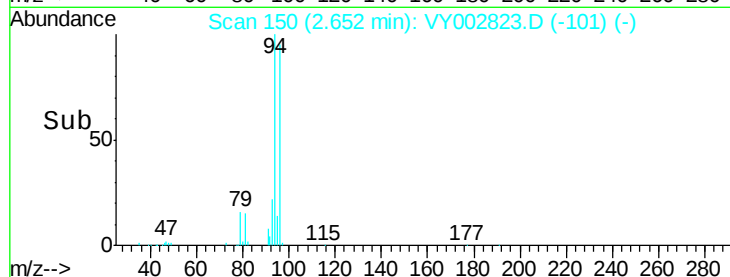
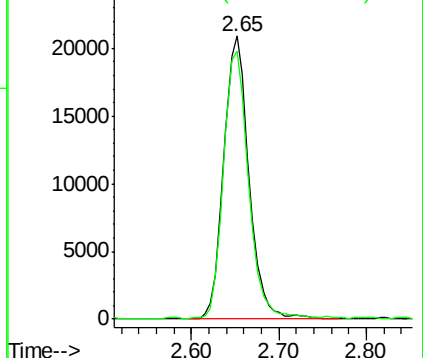
94 100

96 94.7 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.07 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002823.D

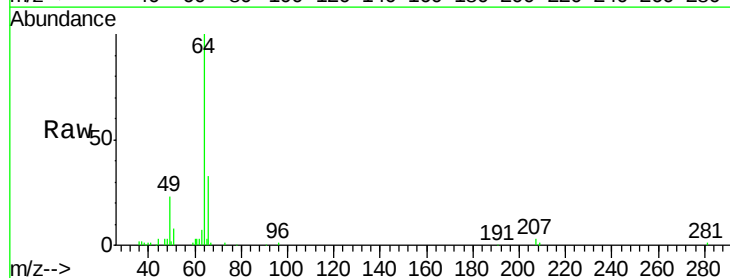
Acq: 03 Jun 2020 11:18

Tgt Ion: 64 Resp: 38970

Ion Ratio Lower Upper

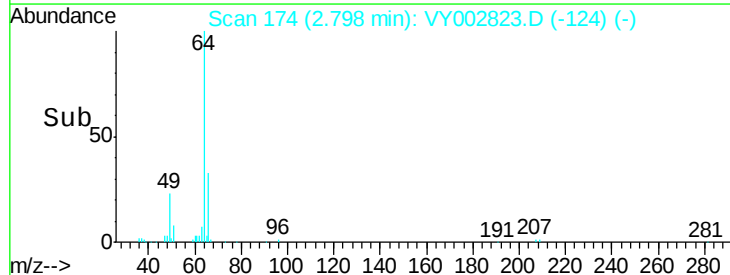
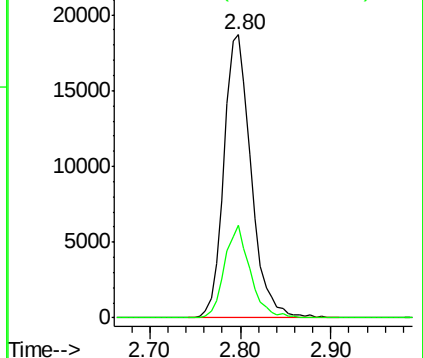
64 100

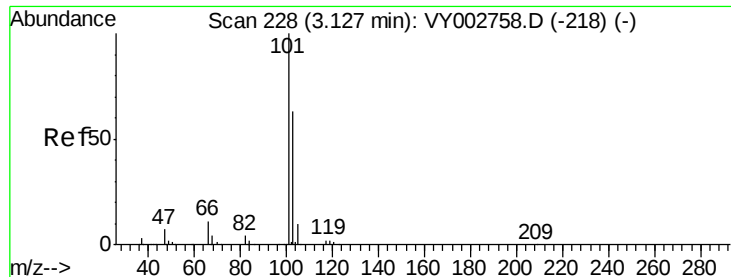
66 32.5 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



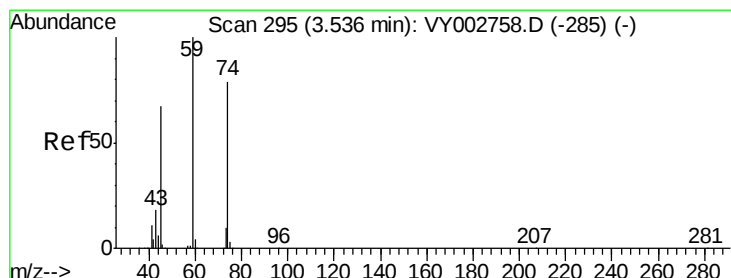
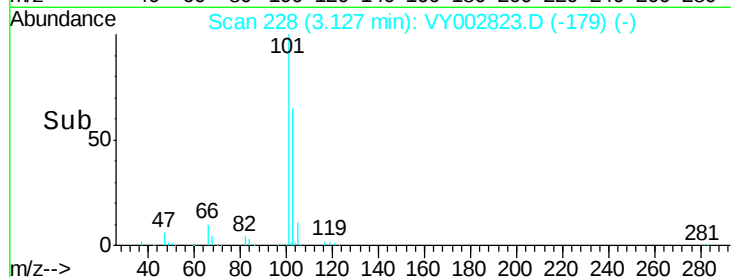
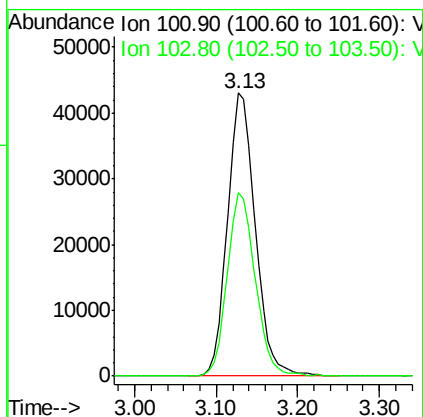
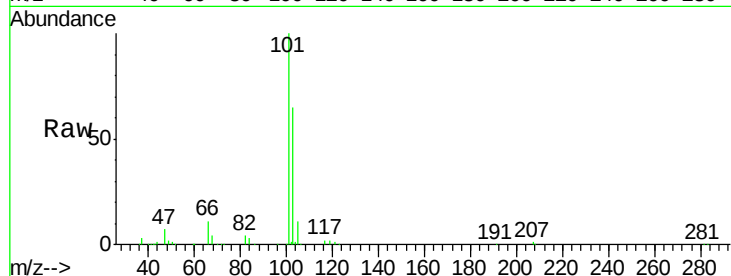


#7

Trichlorofluoromethane
Concen: 21.01 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Instrument :
MSVOA_Y
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VY0603SBS01

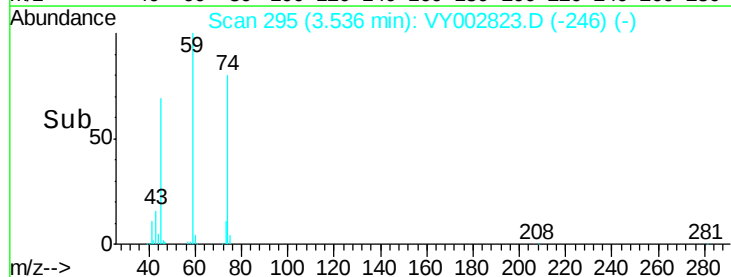
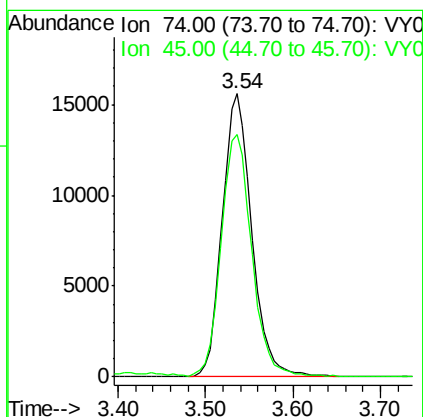
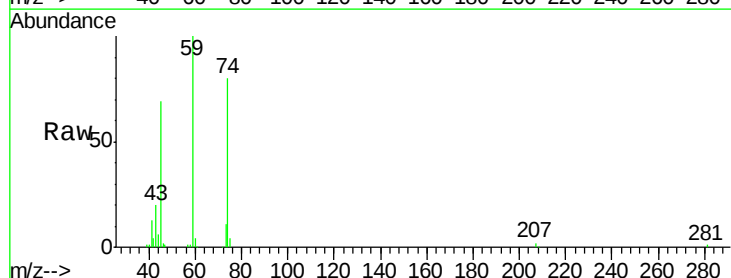
Tgt Ion:101 Resp: 101317
Ion Ratio Lower Upper
101 100
103 64.9 50.6 76.0

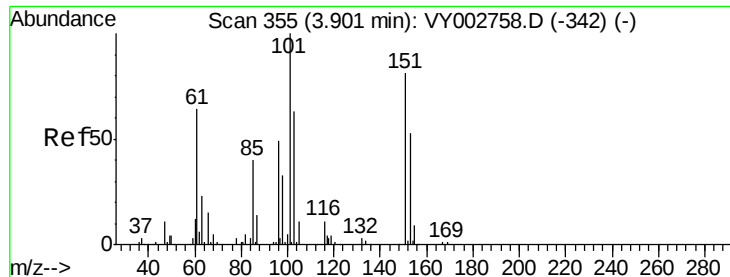


#8

Diethyl Ether
Concen: 19.43 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion: 74 Resp: 36592
Ion Ratio Lower Upper
74 100
45 88.8 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.95 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

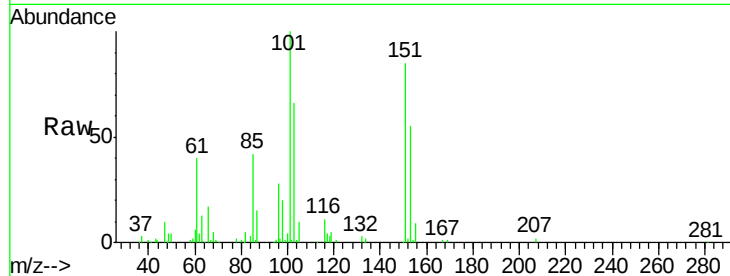
Tgt Ion:101 Resp: 62850

Ion Ratio Lower Upper

101 100

85 42.2 32.7 49.1

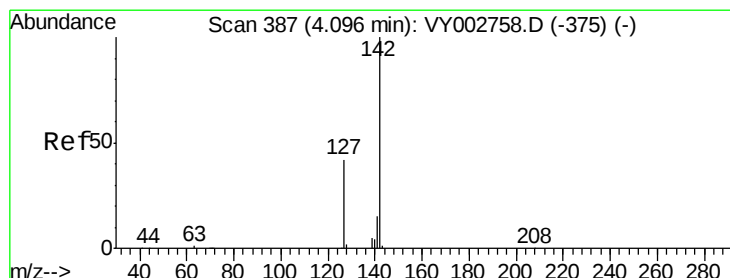
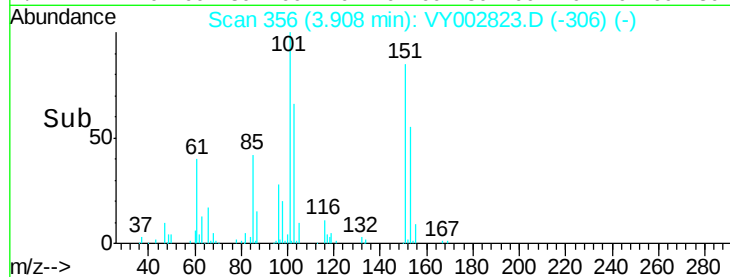
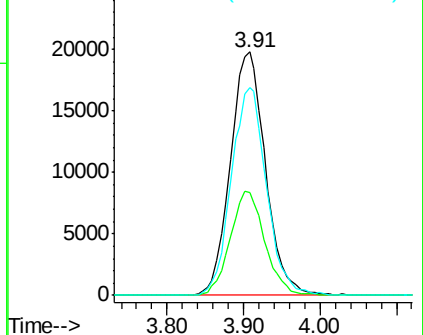
151 85.6 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.02 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

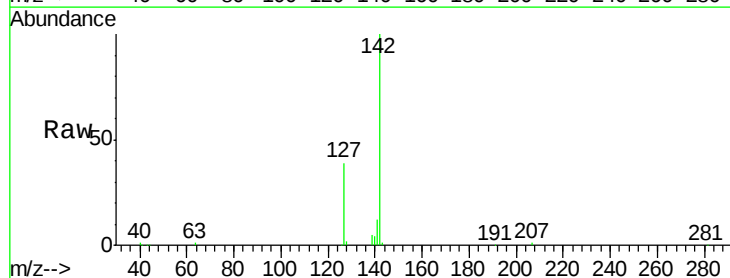
Tgt Ion:142 Resp: 80239

Ion Ratio Lower Upper

142 100

127 40.4 33.3 49.9

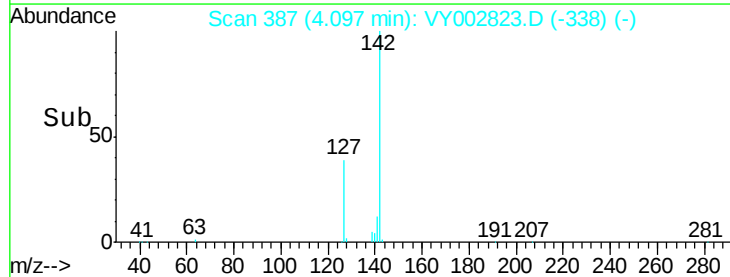
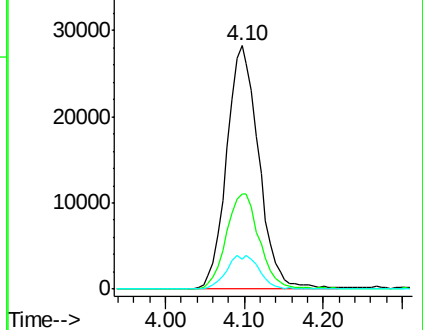
141 14.1 11.5 17.3

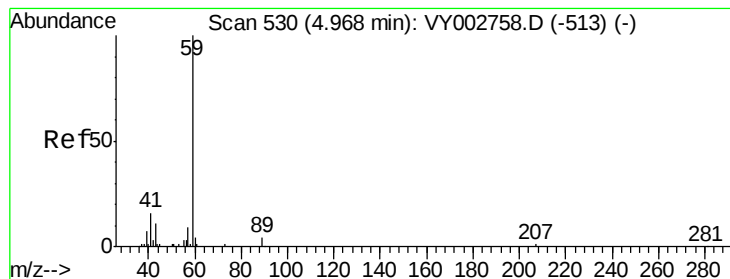


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.09 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

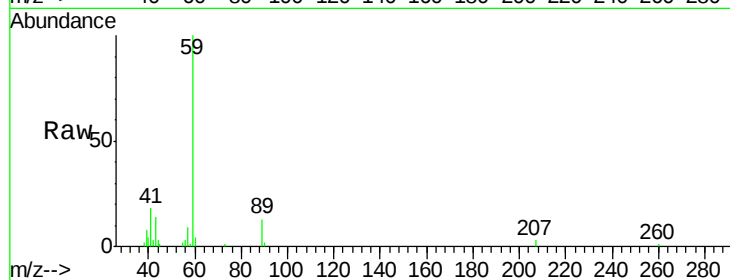
VY0603SBS01

Tgt Ion: 59 Resp: 32541

Ion Ratio Lower Upper

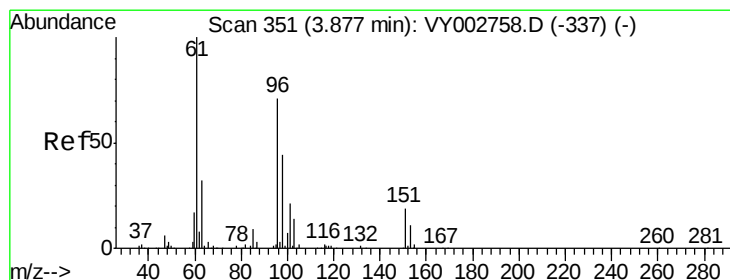
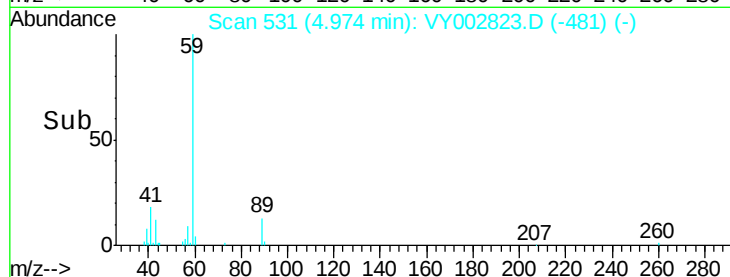
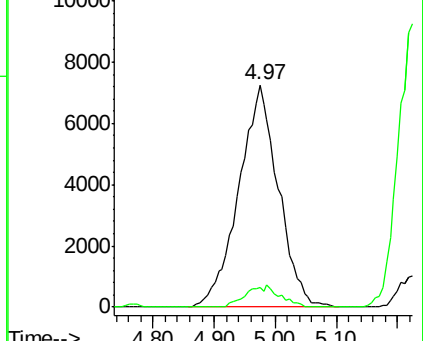
59 100

57 4.6 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 21.61 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

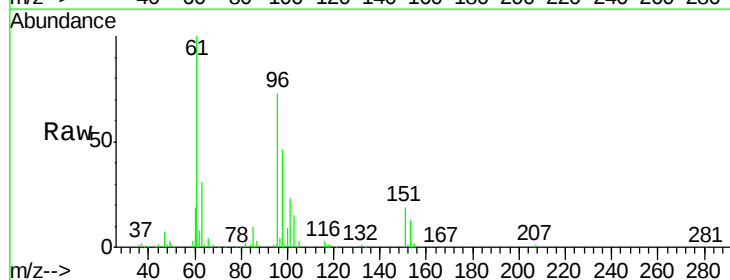
Tgt Ion: 96 Resp: 62232

Ion Ratio Lower Upper

96 100

61 136.5 112.6 168.8

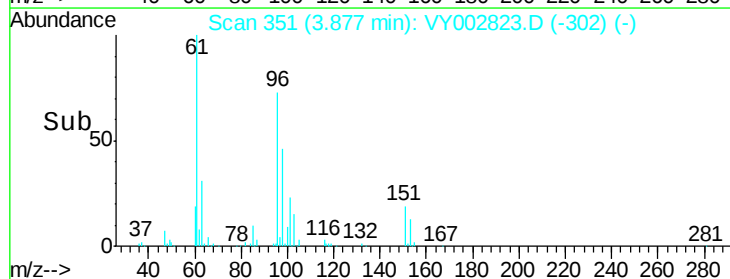
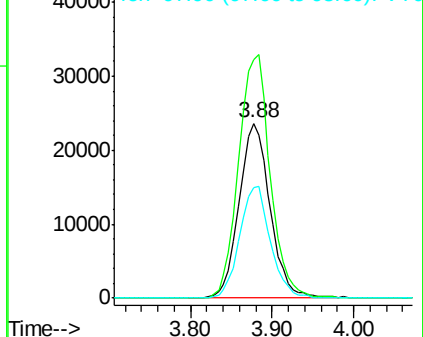
98 62.9 50.0 75.0

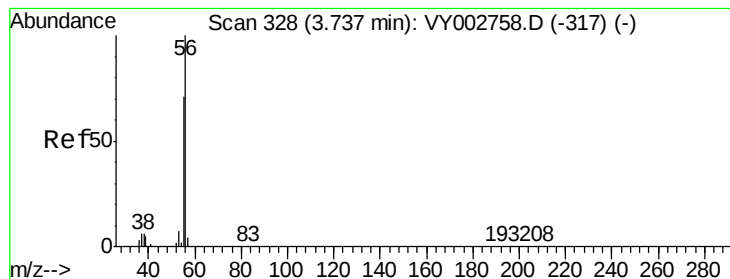


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 89.11 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

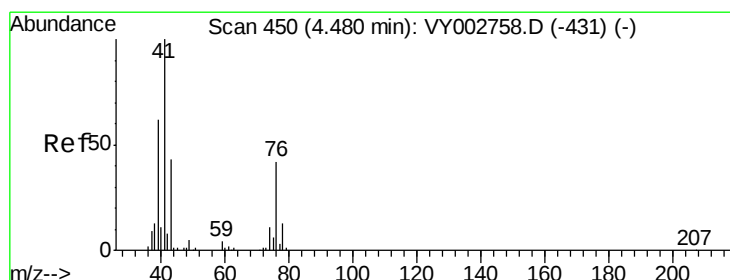
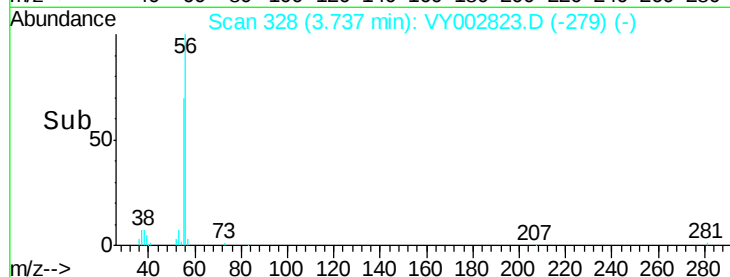
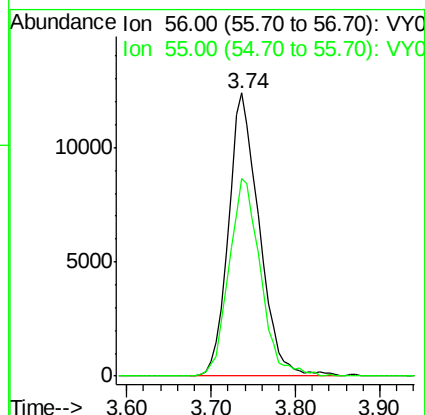
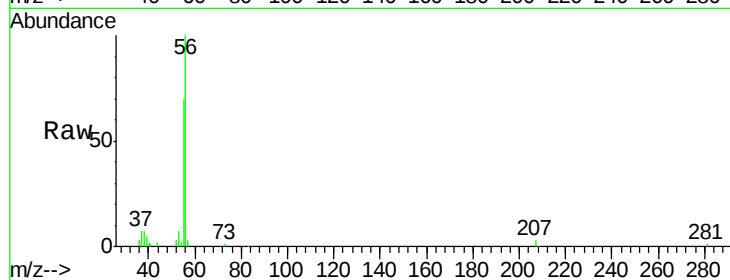
VY0603SBS01

Tgt Ion: 56 Resp: 30693

Ion Ratio Lower Upper

56 100

55 71.5 56.0 84.0



#14

Allyl chloride

Concen: 22.11 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

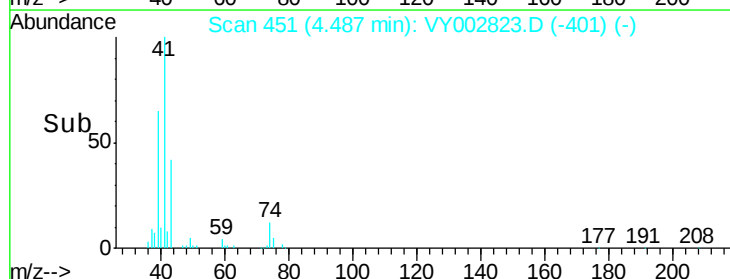
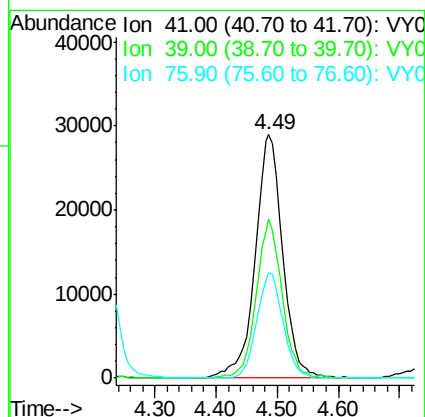
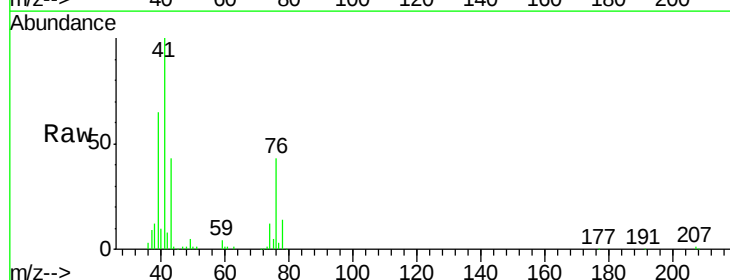
Tgt Ion: 41 Resp: 91341

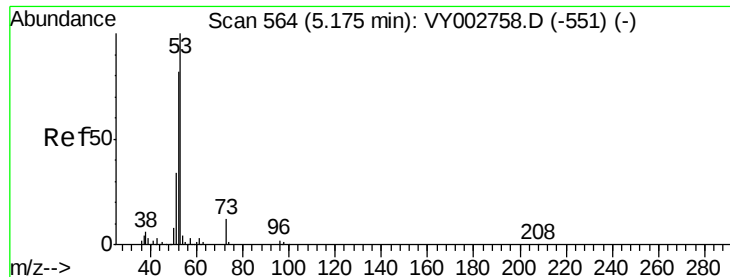
Ion Ratio Lower Upper

41 100

39 61.3 49.9 74.9

76 41.0 33.2 49.8





#15

Acrylonitrile

Concen: 100.44 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

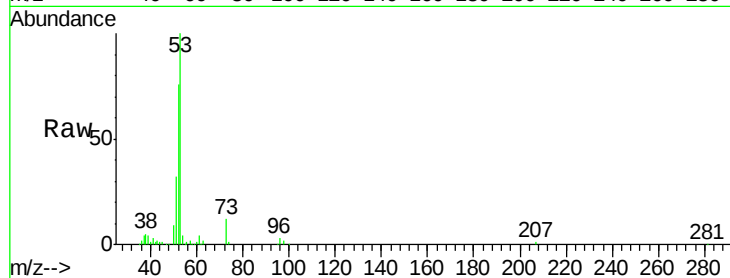
Tgt Ion: 53 Resp: 85338

Ion Ratio Lower Upper

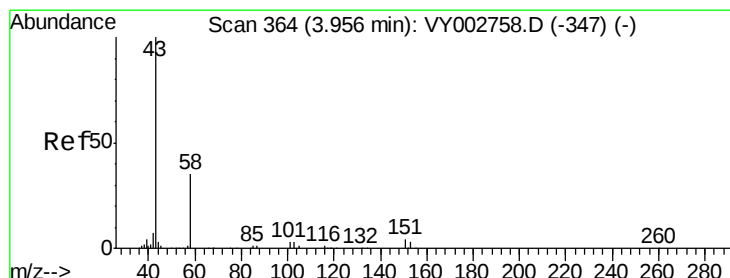
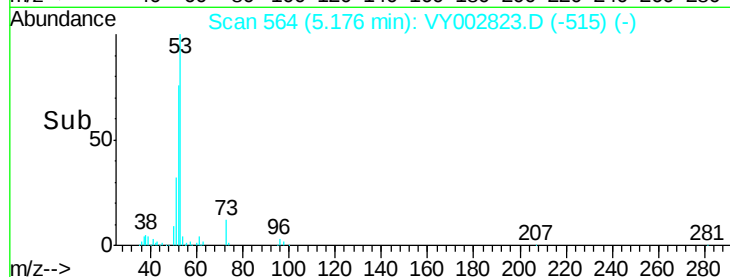
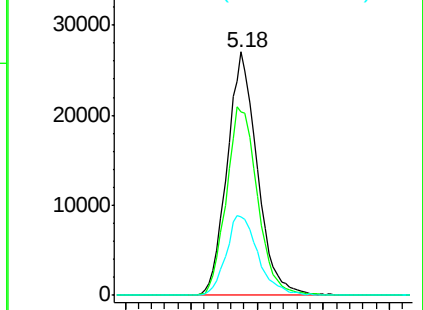
53 100

52 79.7 65.3 97.9

51 34.7 28.0 42.0



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



#16

Acetone

Concen: 97.21 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002823.D

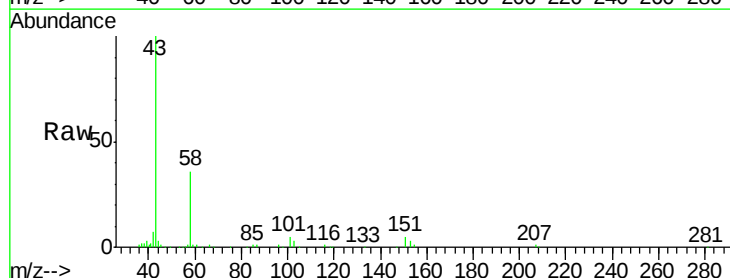
Acq: 03 Jun 2020 11:18

Tgt Ion: 43 Resp: 67002

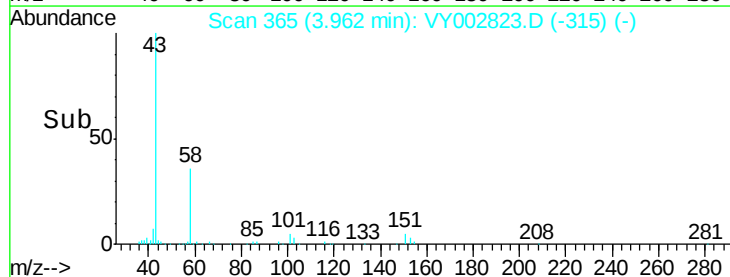
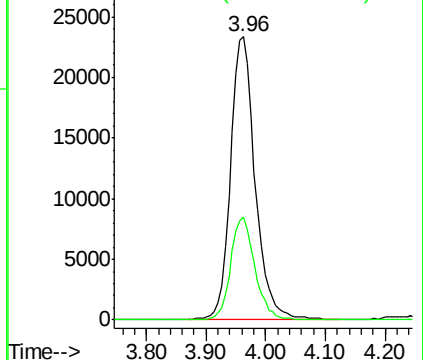
Ion Ratio Lower Upper

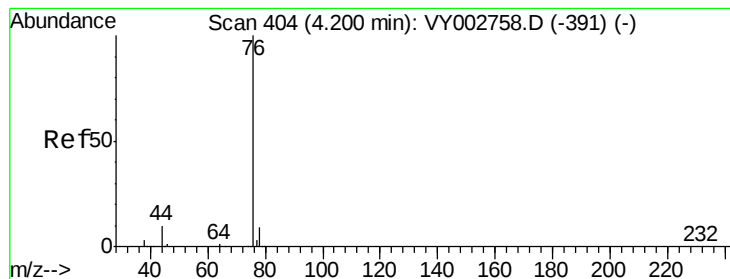
43 100

58 36.4 27.7 41.5



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





#17

Carbon Disulfide

Concen: 20.91 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

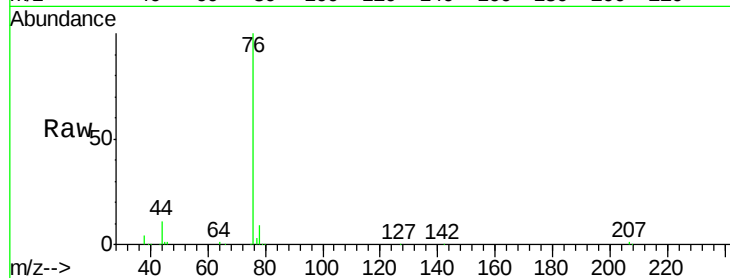
VY0603SBS01

Tgt Ion: 76 Resp: 181984

Ion Ratio Lower Upper

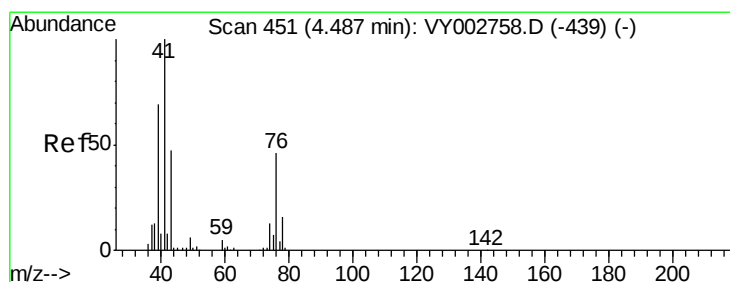
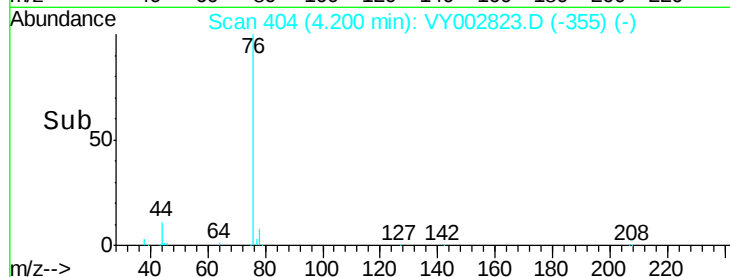
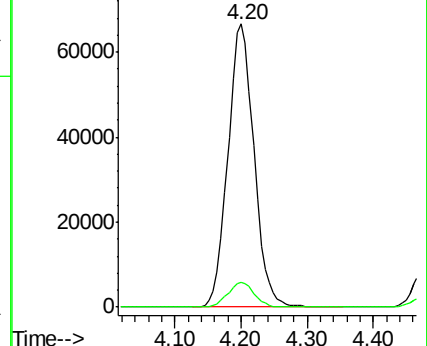
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.87 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002823.D

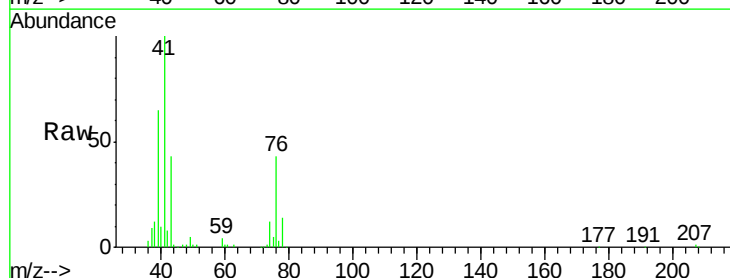
Acq: 03 Jun 2020 11:18

Tgt Ion: 43 Resp: 38760

Ion Ratio Lower Upper

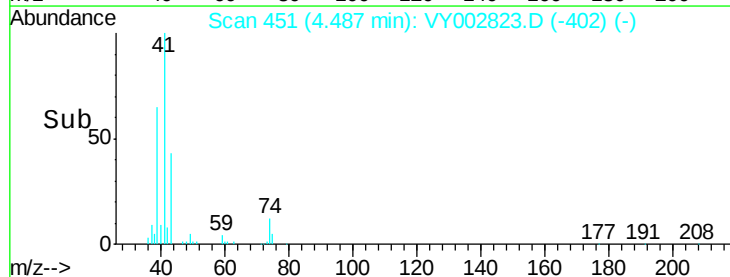
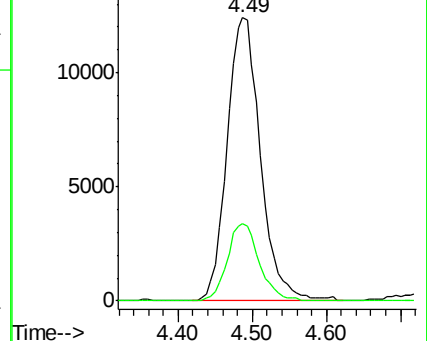
43 100

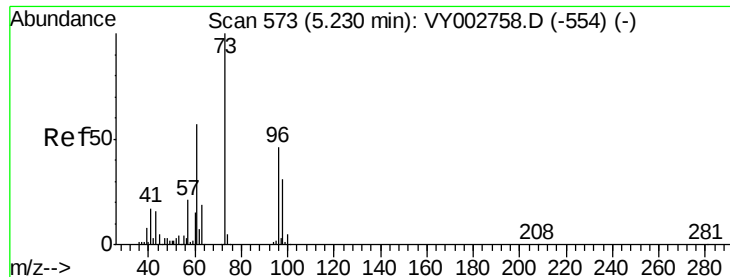
74 26.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

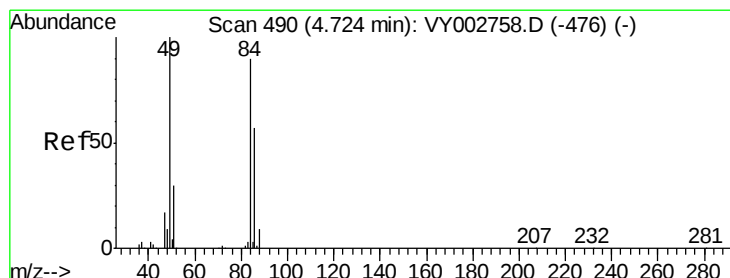
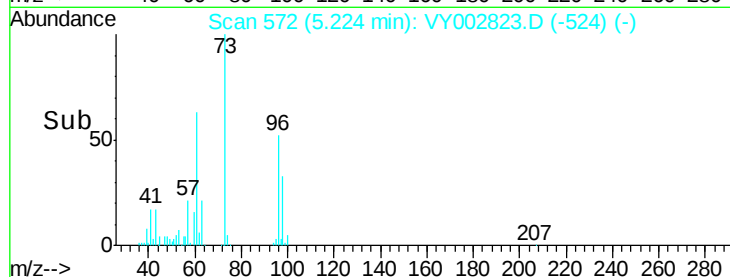
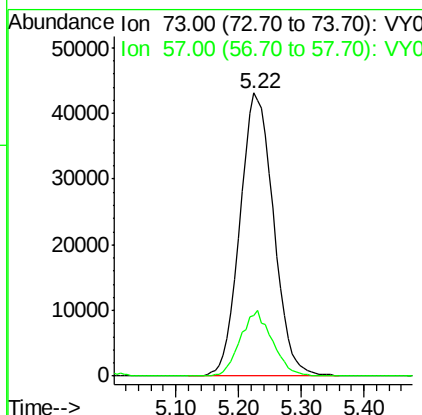
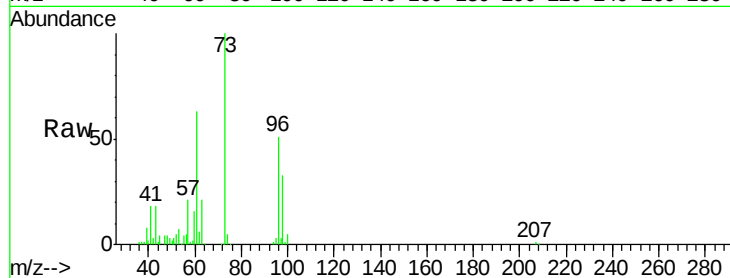




#19
Methyl tert-butyl Ether
Concen: 20.14 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

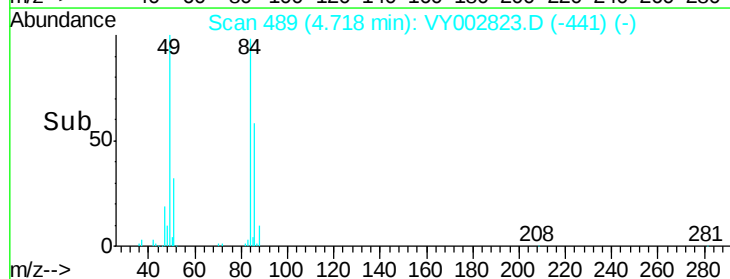
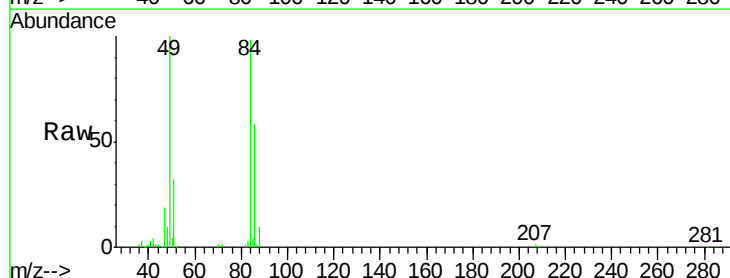
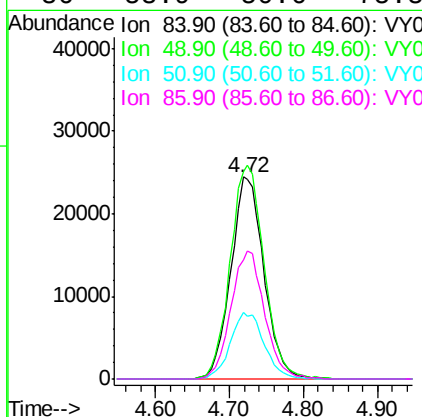
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

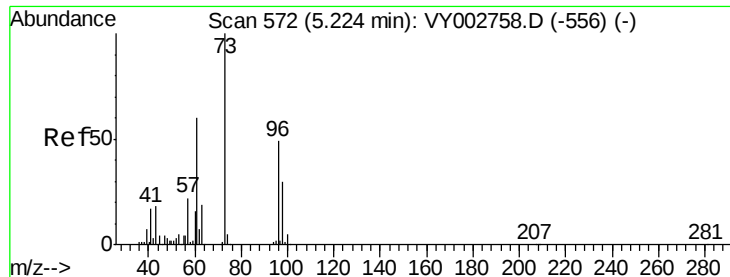
Tgt Ion: 73 Resp: 160137
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4



#20
Methylene Chloride
Concen: 22.62 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion: 84 Resp: 76204
Ion Ratio Lower Upper
84 100
49 102.5 88.5 132.7
51 33.1 26.8 40.2
86 58.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.30 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

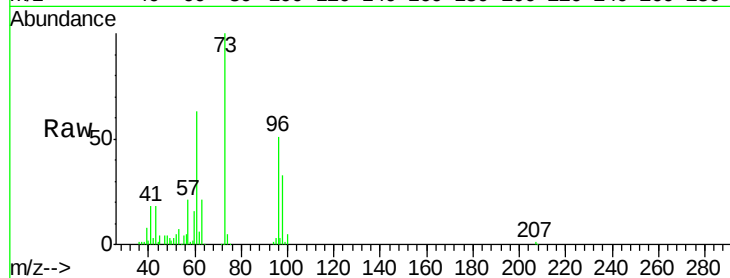
Tgt Ion: 96 Resp: 68998

Ion Ratio Lower Upper

96 100

61 121.9 96.8 145.2

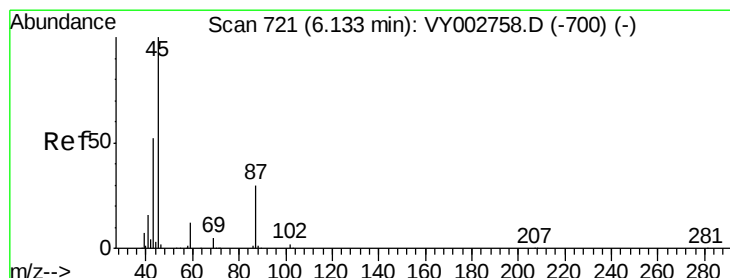
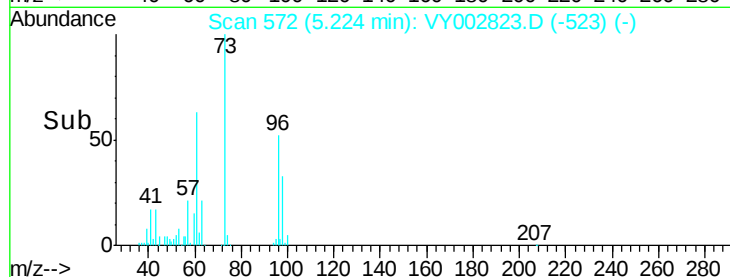
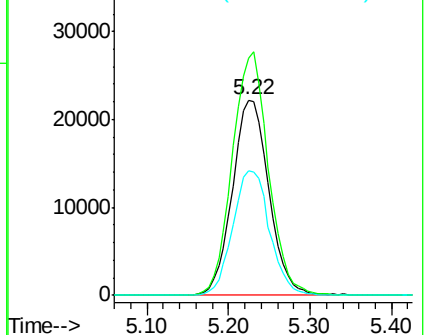
98 63.8 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.13 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Tgt Ion: 45 Resp: 189977

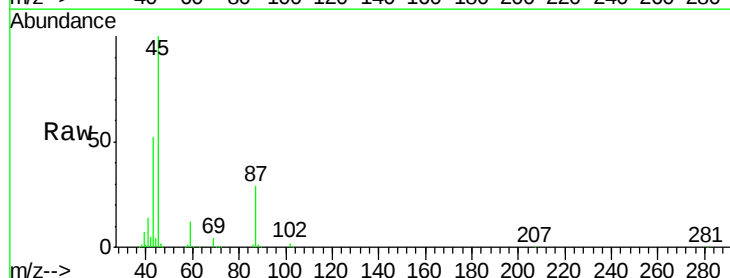
Ion Ratio Lower Upper

45 100

43 52.1 41.7 62.5

87 28.8 24.2 36.2

59 11.8 9.8 14.8

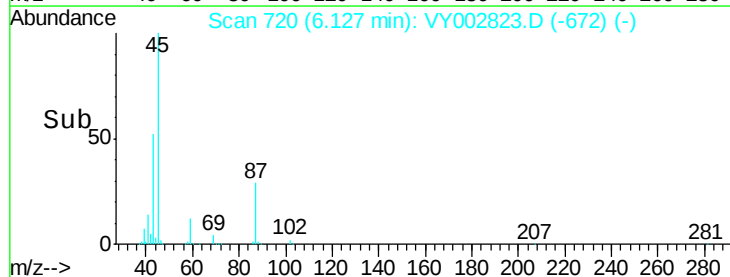
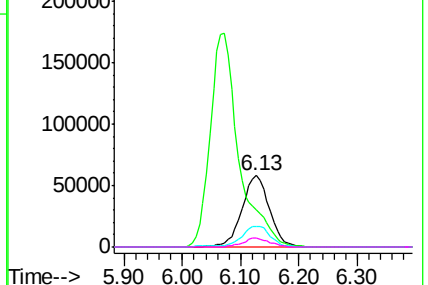


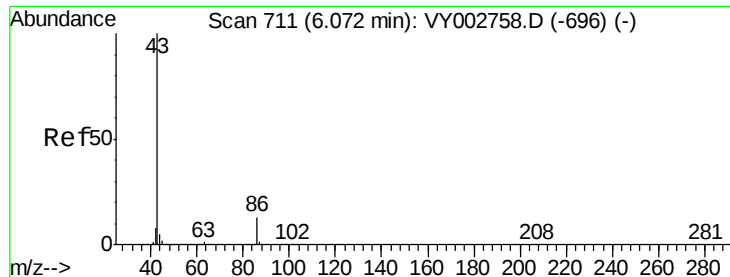
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 104.58 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

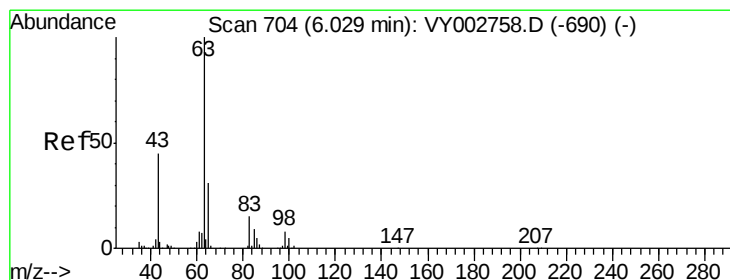
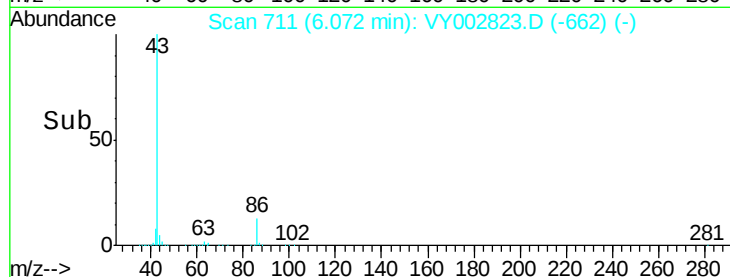
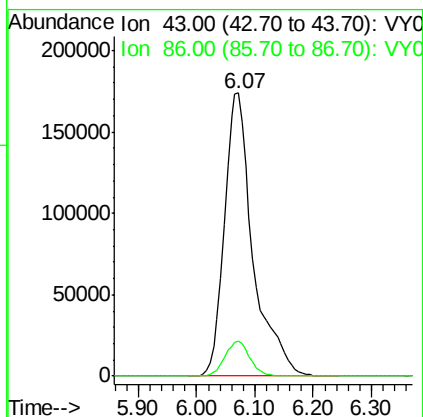
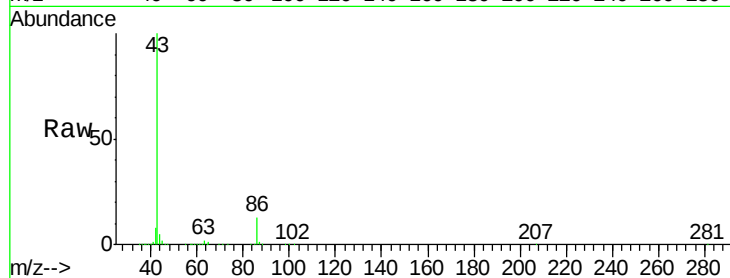
VY0603SBS01

Tgt Ion: 43 Resp: 592632

Ion Ratio Lower Upper

43 100

86 12.6 10.2 15.2



#24

1,1-Dichloroethane

Concen: 21.79 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

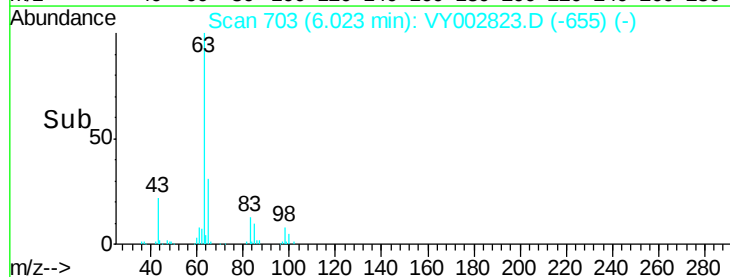
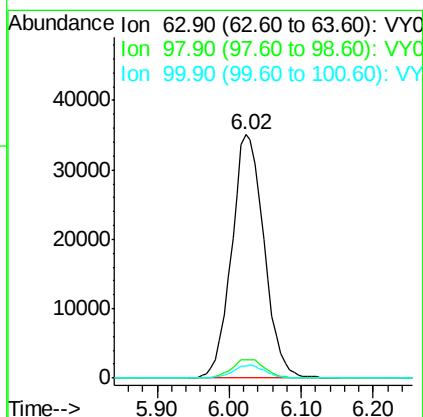
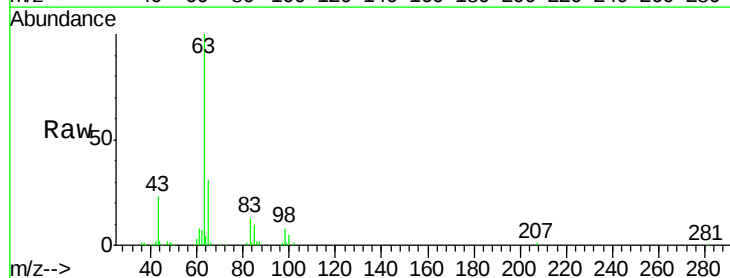
Tgt Ion: 63 Resp: 109422

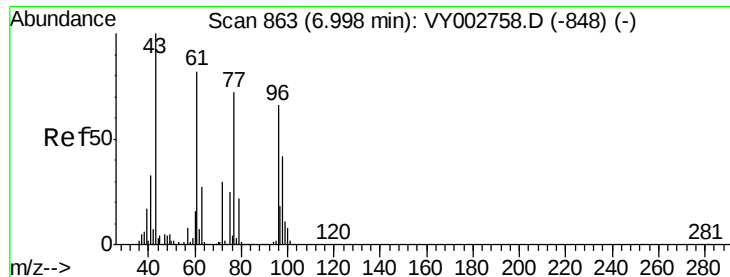
Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 5.0 2.4 7.1

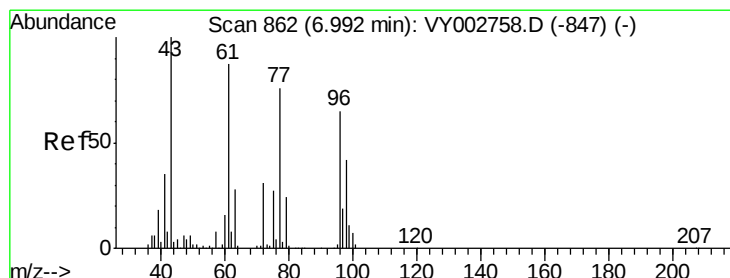
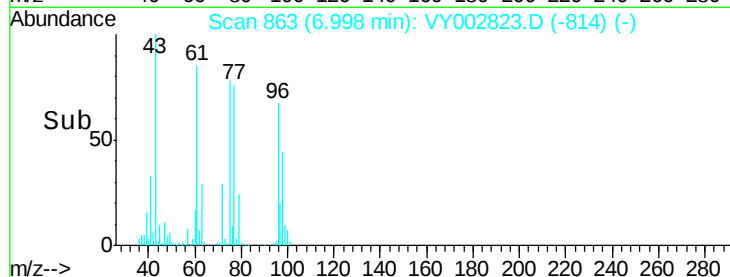
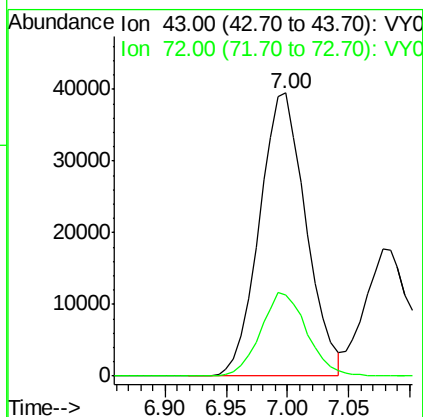
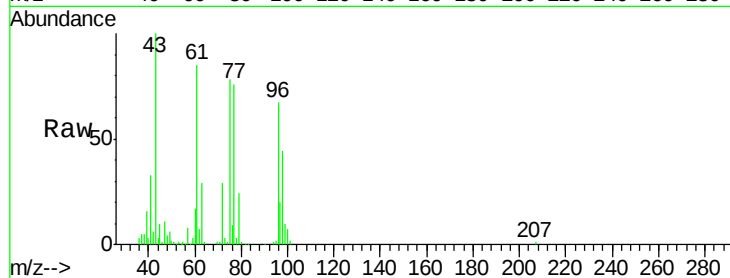




#25
2-Butanone
Concen: 97.59 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

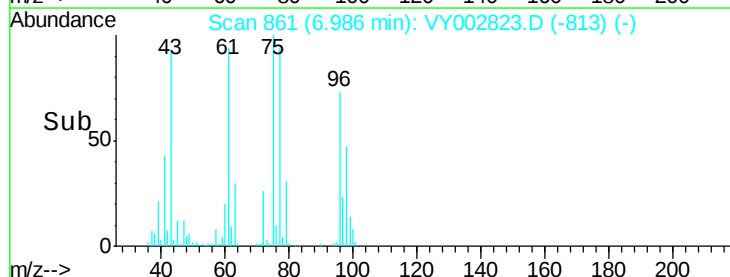
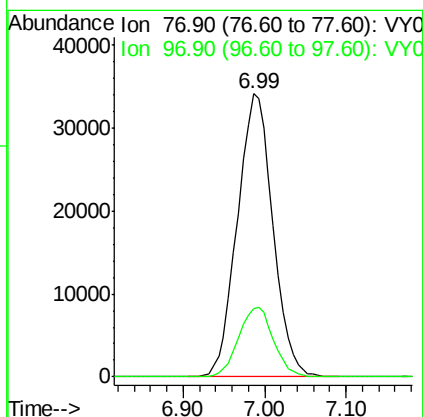
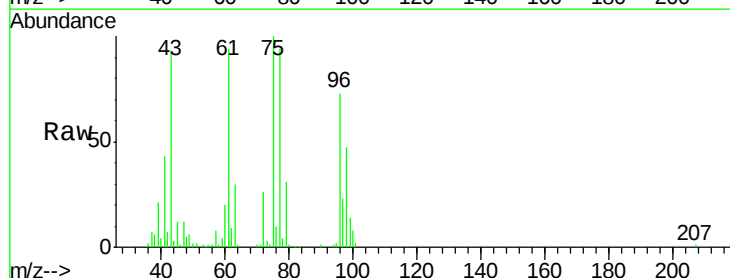
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

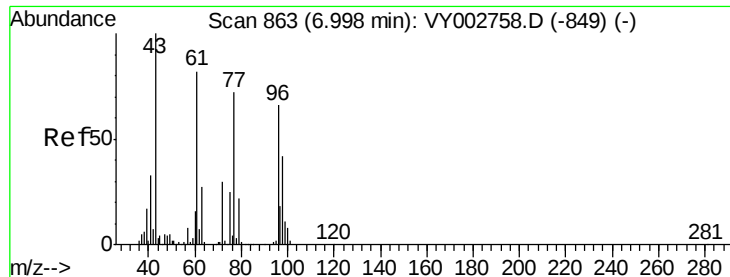
Tgt Ion: 43 Resp: 104794
Ion Ratio Lower Upper
43 100
72 28.8 23.9 35.9



#26
2,2-Dichloropropane
Concen: 21.40 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion: 77 Resp: 103062
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.6



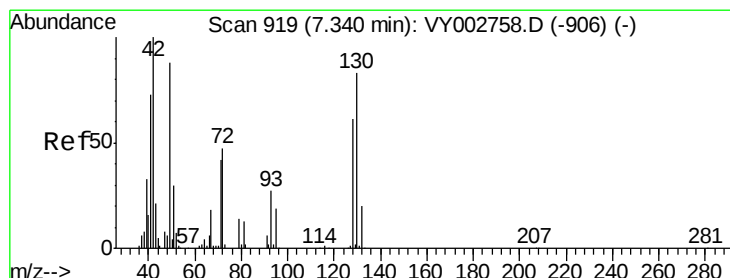
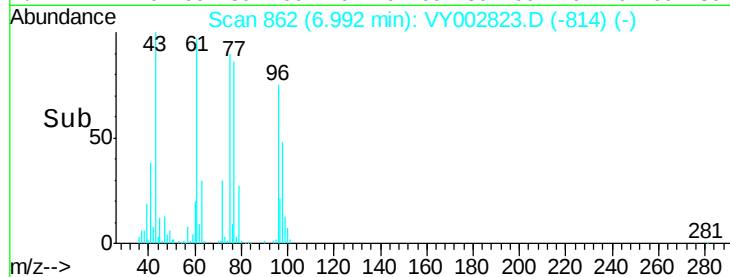
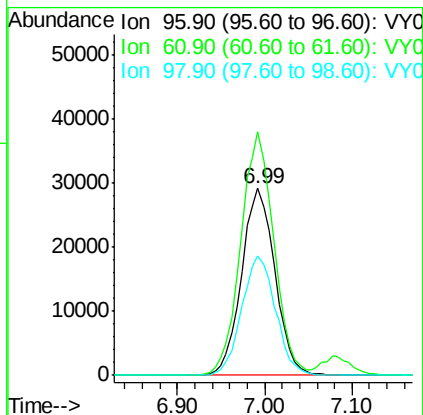
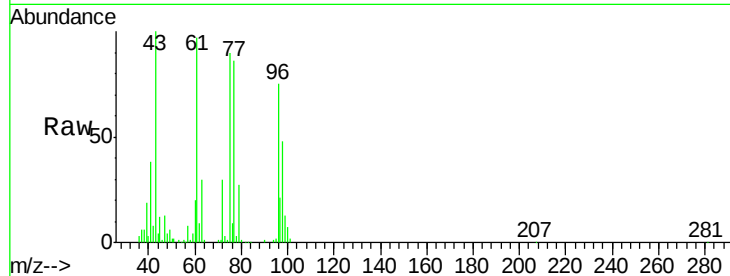


#27

cis-1,2-Dichloroethene
 Concen: 21.37 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

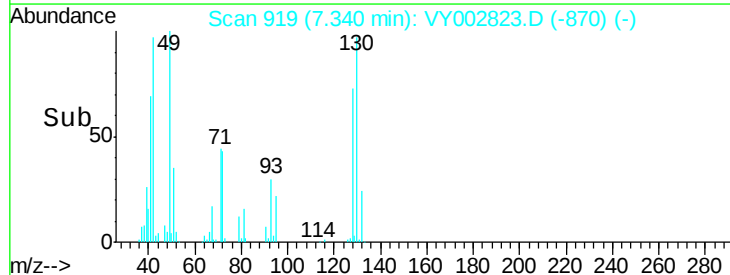
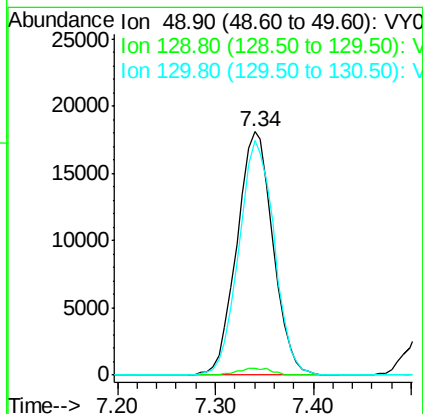
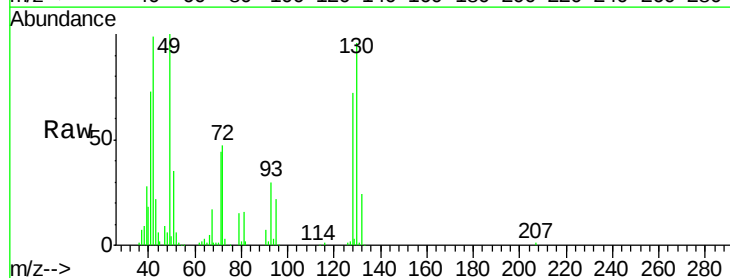
Tgt Ion: 96 Resp: 77492
 Ion Ratio Lower Upper
 96 100
 61 129.5 0.0 260.2
 98 64.7 0.0 128.2

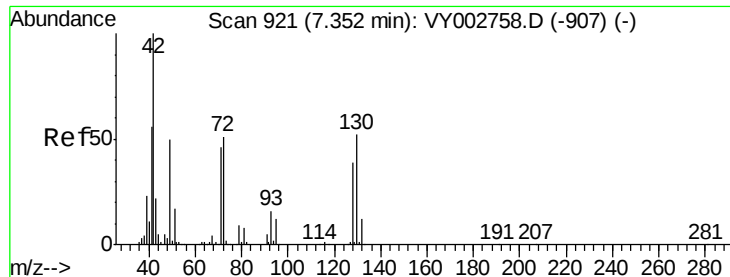


#28

Bromochloromethane
 Concen: 22.43 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

Tgt Ion: 49 Resp: 46228
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 94.6 77.1 115.7





#29

Tetrahydrofuran

Concen: 96.86 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

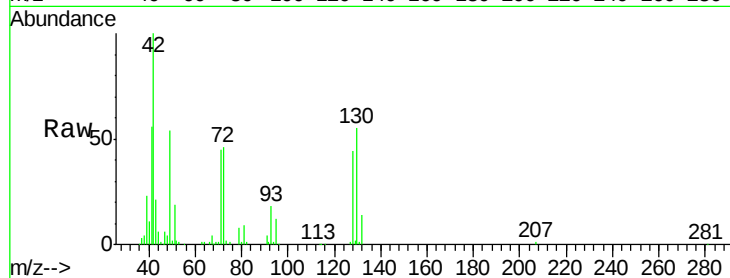
Tgt Ion: 42 Resp: 67654

Ion Ratio Lower Upper

42 100

72 48.6 38.6 58.0

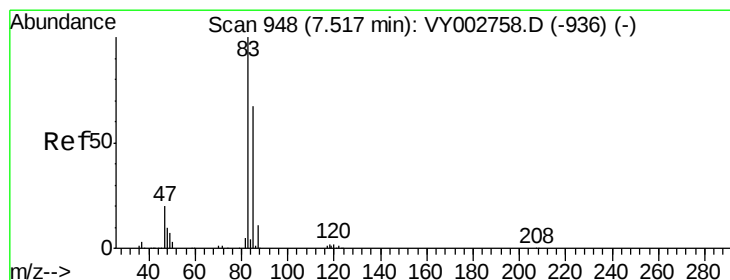
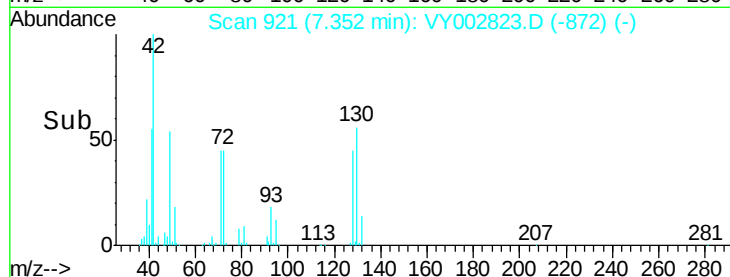
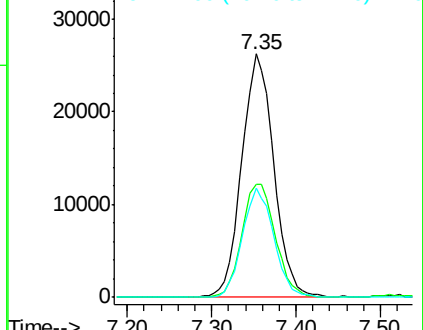
71 43.9 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.39 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002823.D

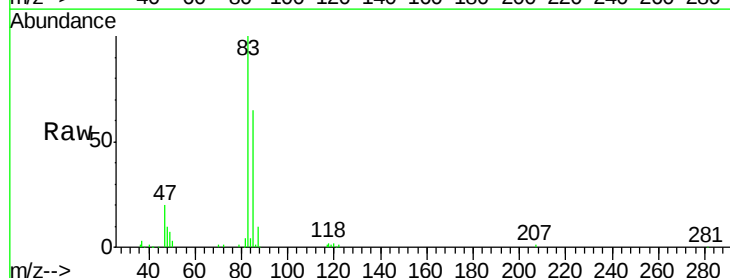
Acq: 03 Jun 2020 11:18

Tgt Ion: 83 Resp: 113963

Ion Ratio Lower Upper

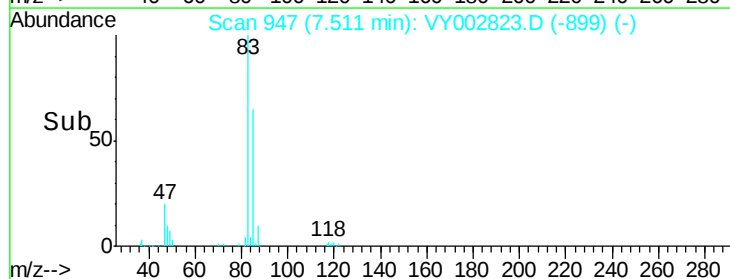
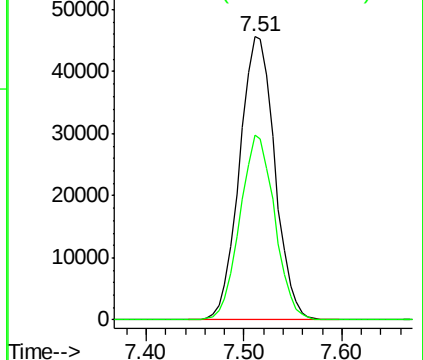
83 100

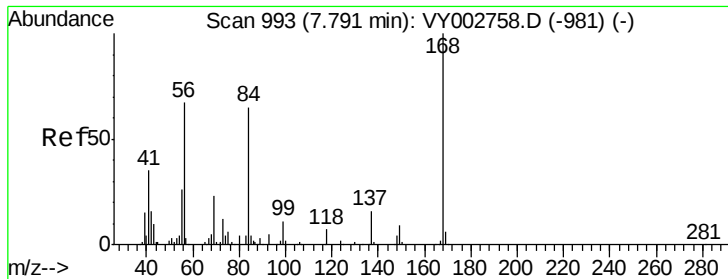
85 65.5 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

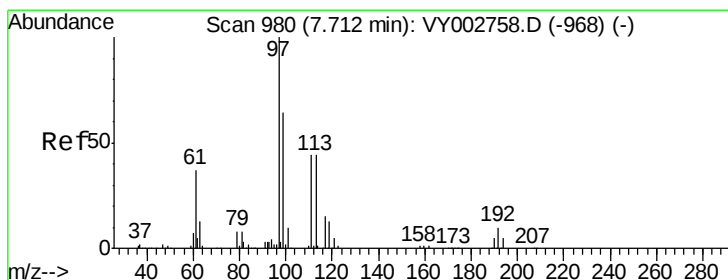
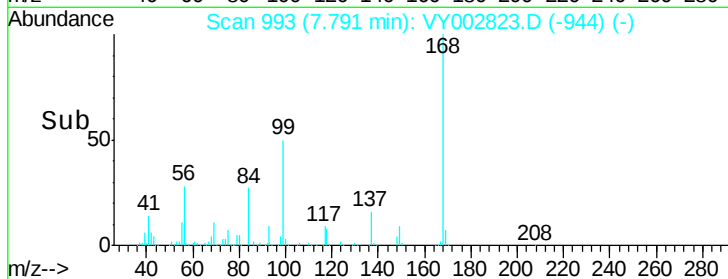
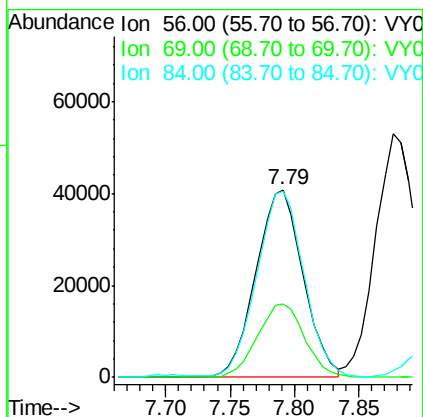
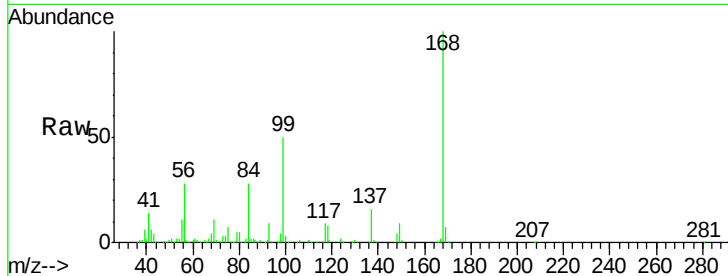




#31
Cyclohexane
Concen: 20.80 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

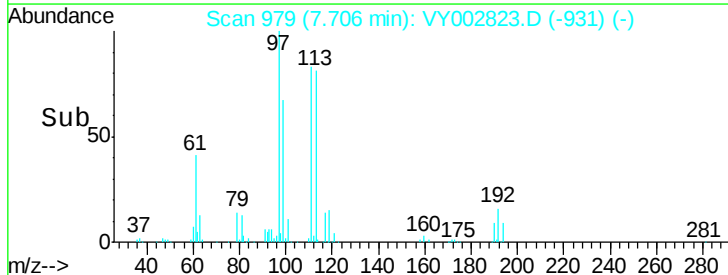
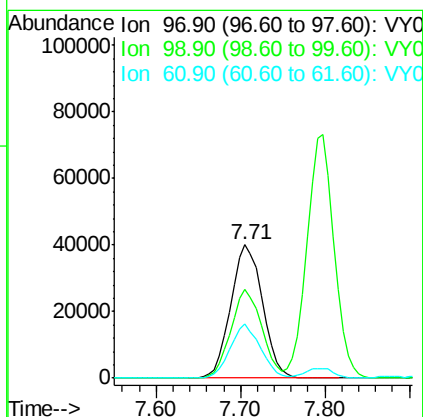
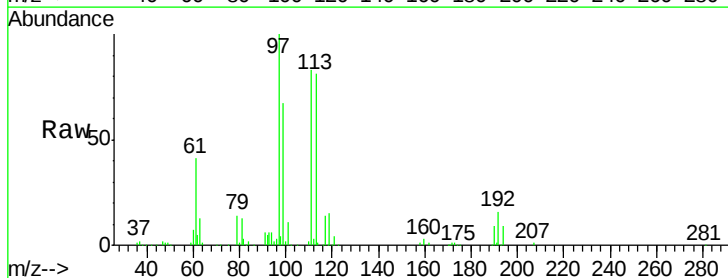
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

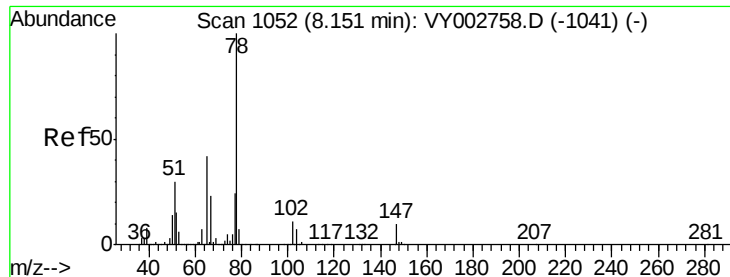
Tgt Ion: 56 Resp: 103703
Ion Ratio Lower Upper
56 100
69 39.2 28.0 42.0
84 97.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.55 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion: 97 Resp: 102028
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 39.0 30.1 45.1

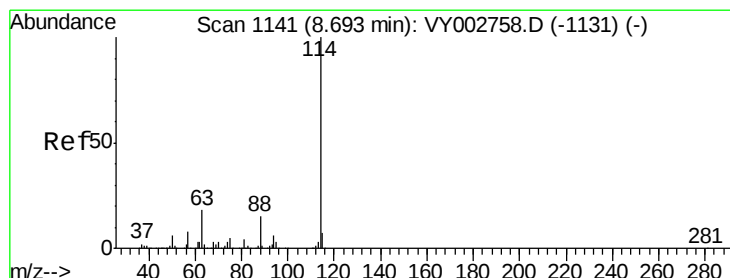
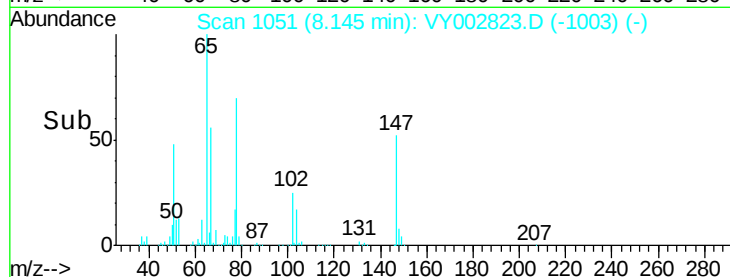
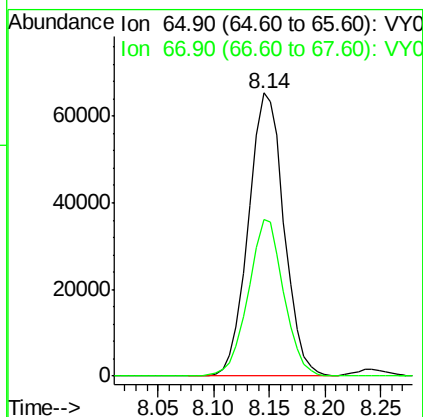
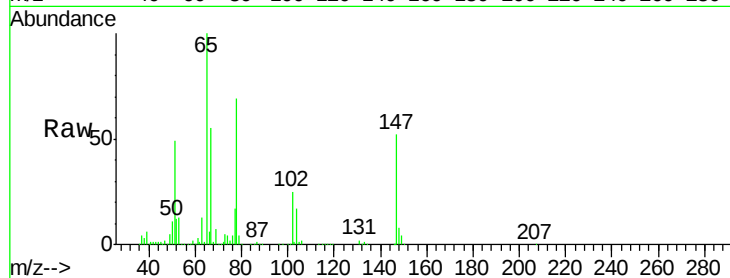




#33
 1,2-Dichloroethane-d4
 Concen: 49.46 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

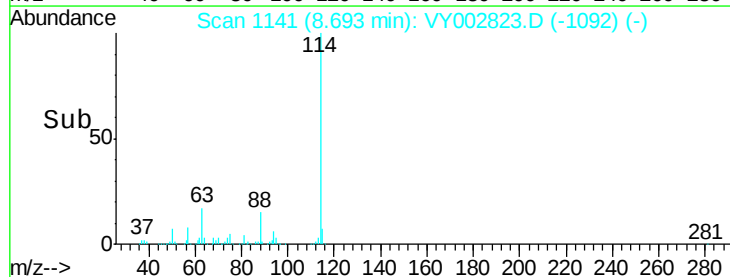
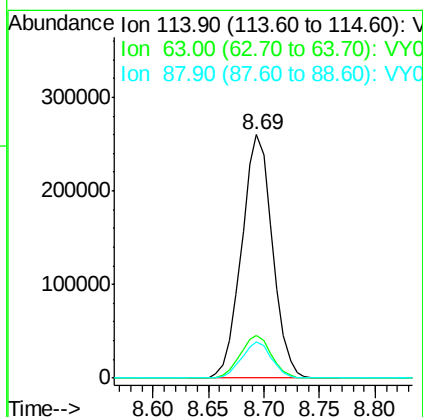
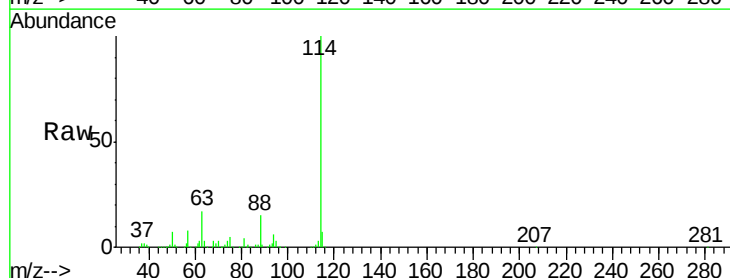
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

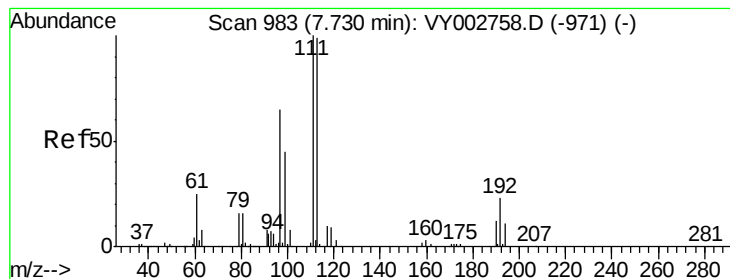
Tgt Ion: 65 Resp: 145387
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

Tgt Ion: 114 Resp: 499187
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.25 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

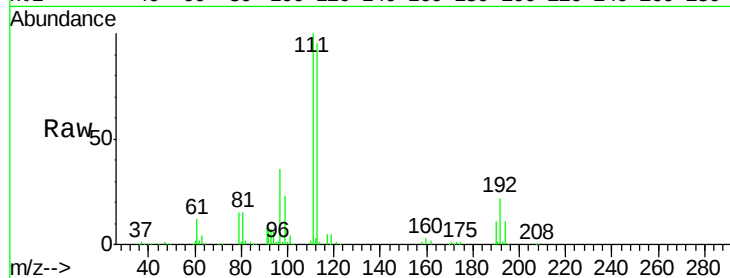
Tgt Ion:113 Resp: 152847

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

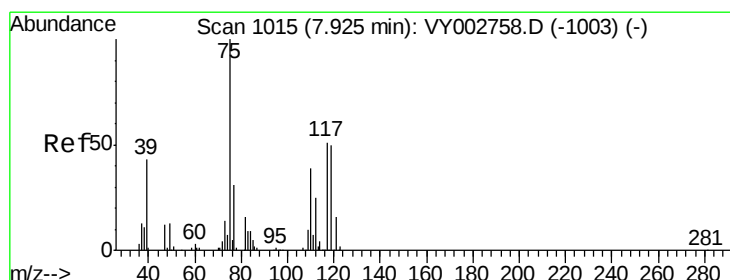
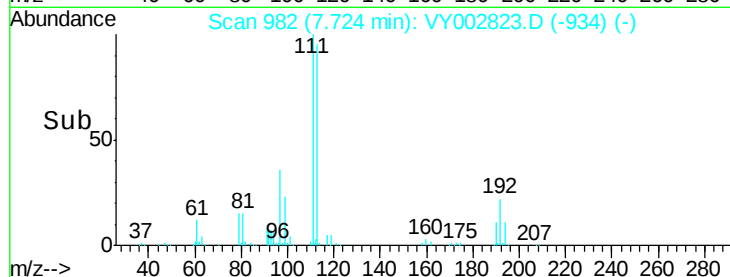
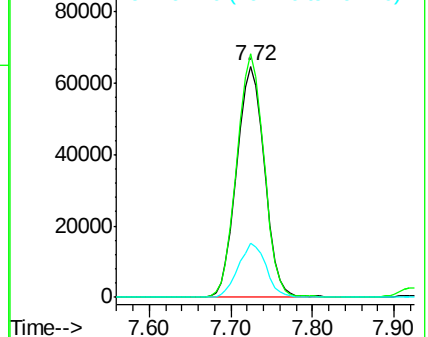
192 23.4 18.9 28.3



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: 21.59 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

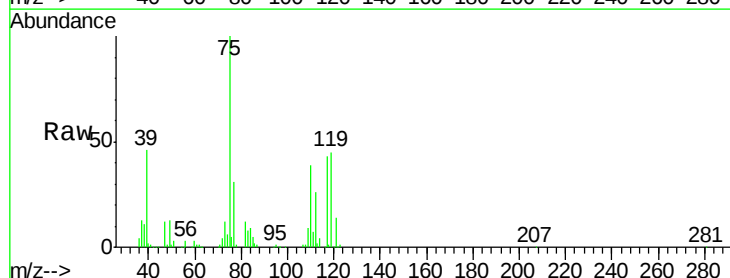
Tgt Ion: 75 Resp: 90786

Ion Ratio Lower Upper

75 100

110 38.3 19.3 57.9

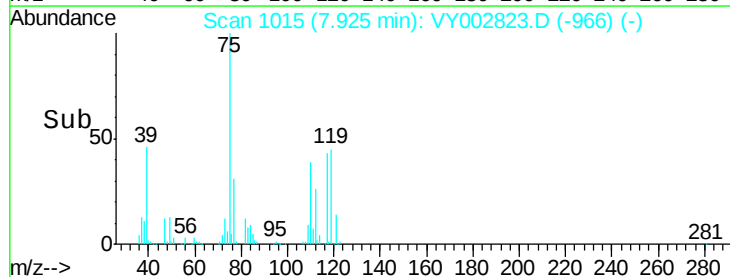
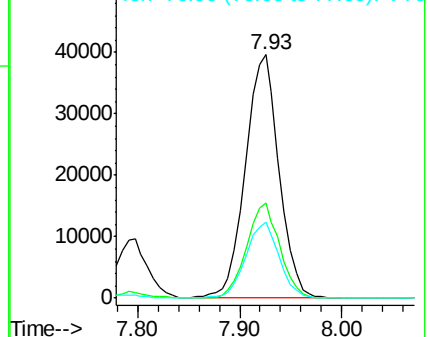
77 30.8 24.8 37.2

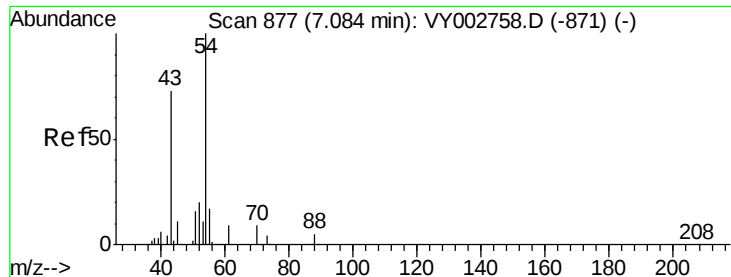


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

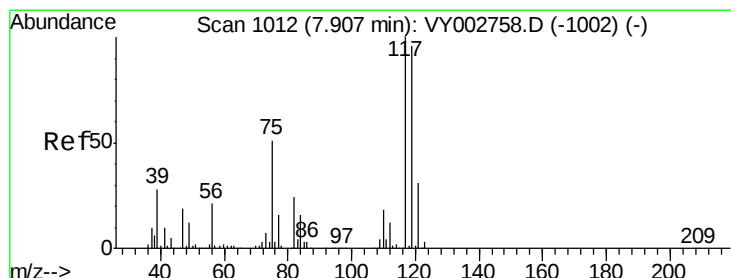
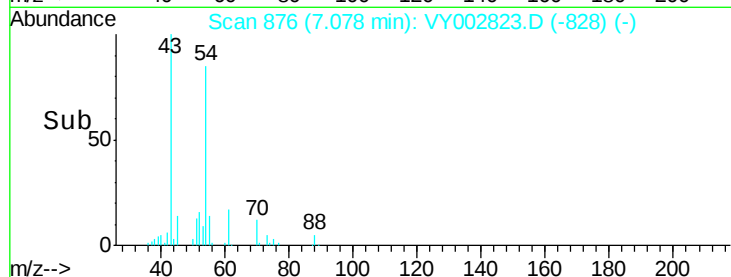
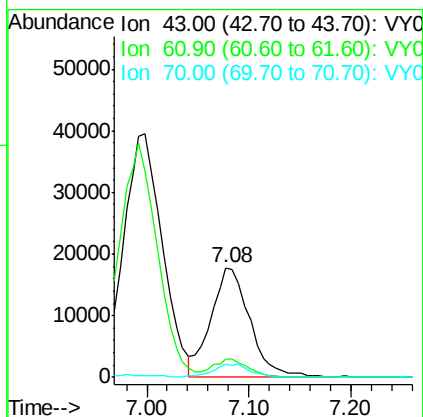
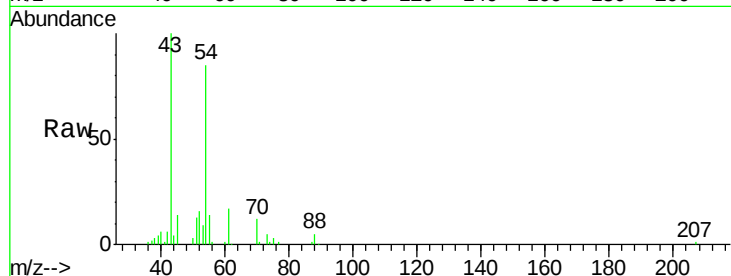




#37
Ethyl Acetate
Concen: 20.39 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

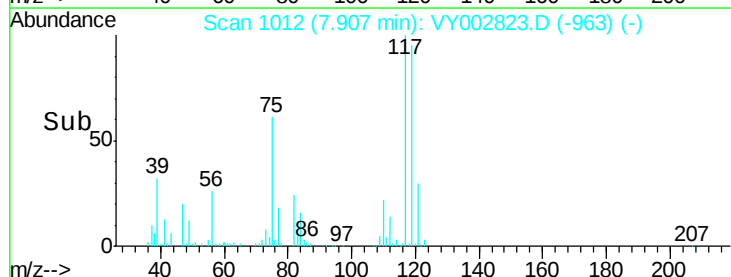
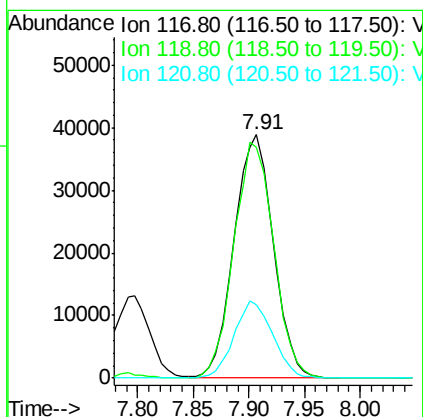
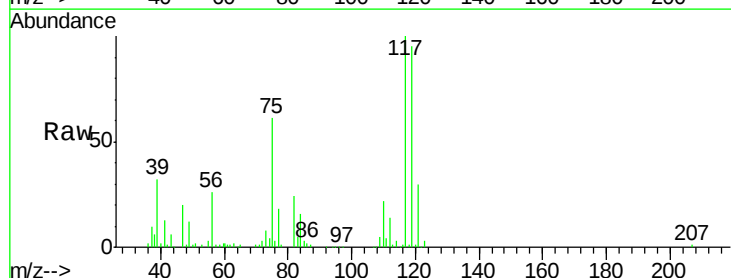
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

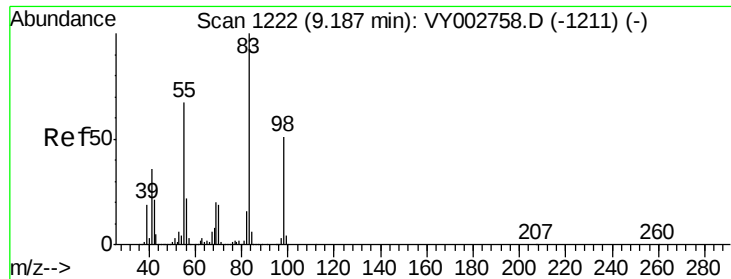
Tgt Ion: 43 Resp: 46642
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 11.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.45 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion: 117 Resp: 95536
Ion Ratio Lower Upper
117 100
119 95.0 76.8 115.2
121 30.2 24.8 37.2

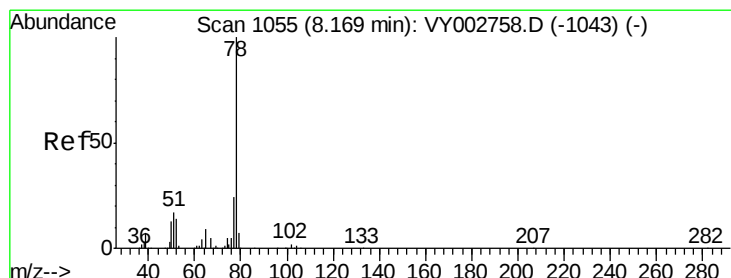
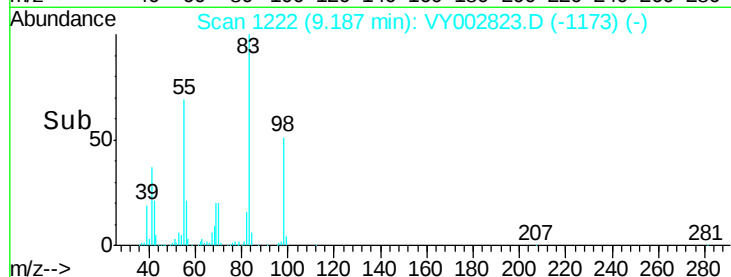
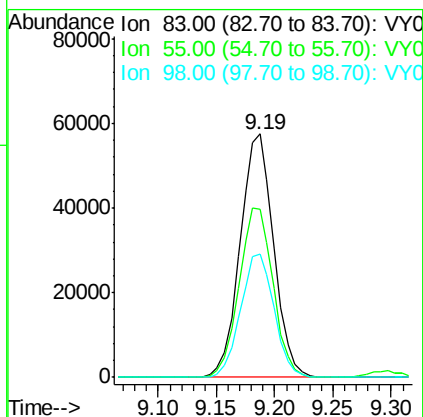
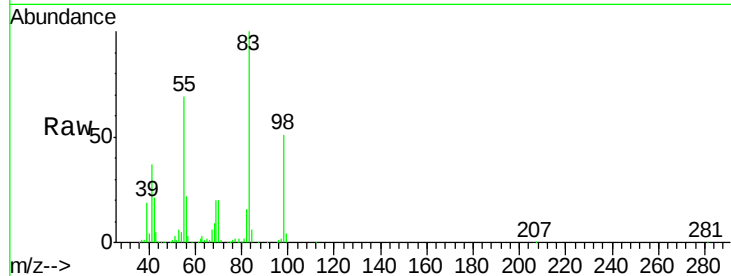




#39
Methylcyclohexane
Concen: 20.76 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

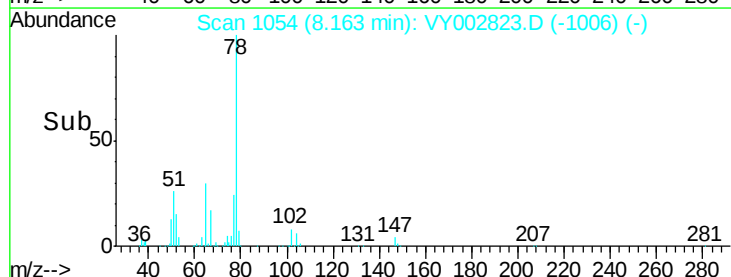
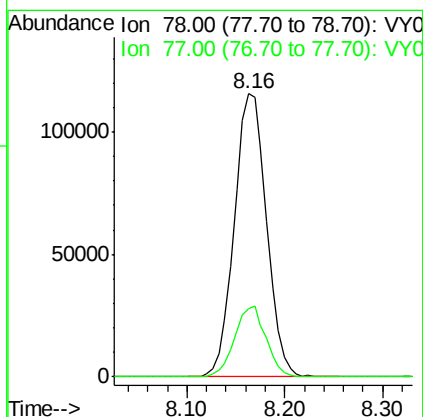
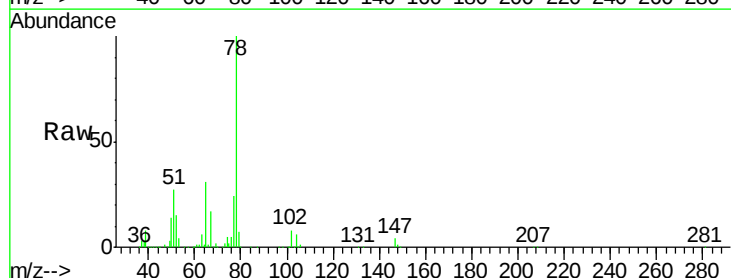
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

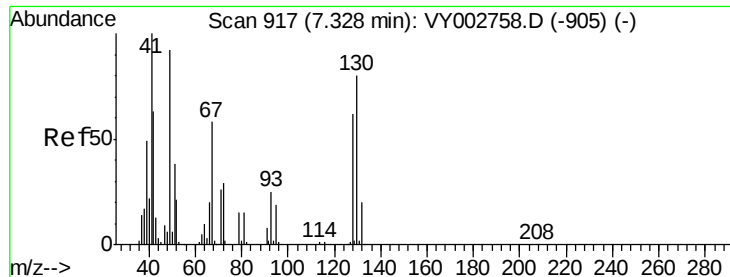
Tgt Ion: 83 Resp: 115044
Ion Ratio Lower Upper
83 100
55 69.0 53.3 79.9
98 50.7 41.1 61.7



#40
Benzene
Concen: 21.24 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion: 78 Resp: 263886
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#41

Methacrylonitrile

Concen: 51.16 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

Tgt Ion: 41 Resp: 62875

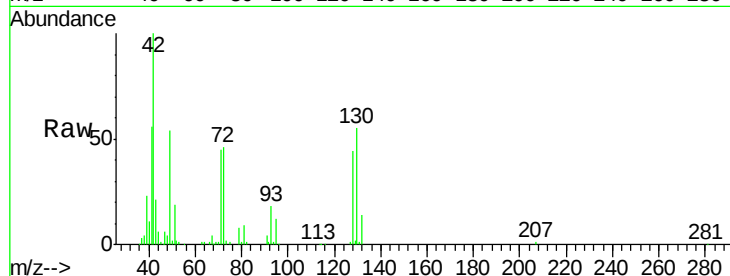
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

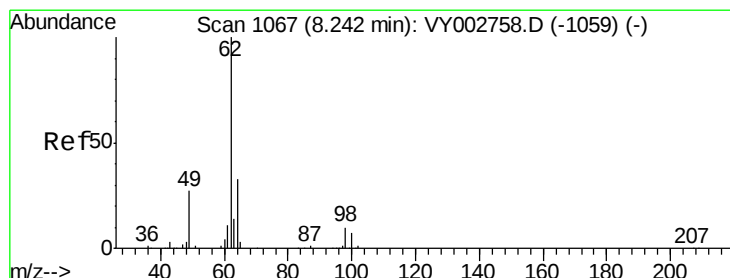
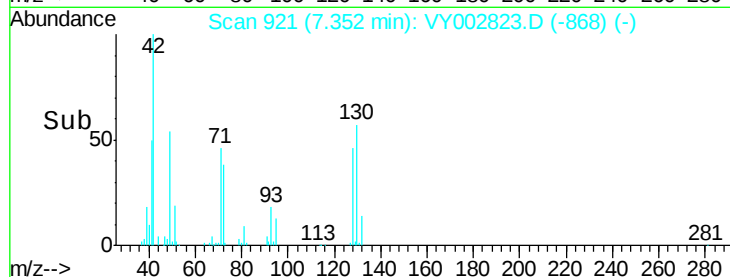
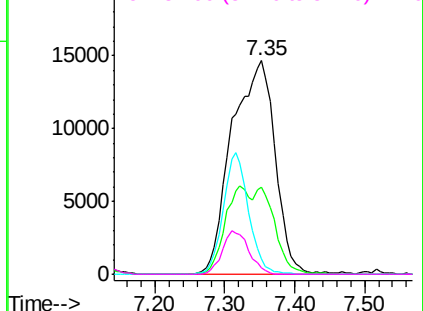


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.18 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002823.D

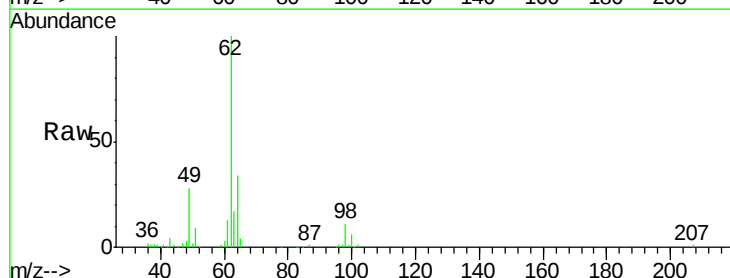
Acq: 03 Jun 2020 11:18

Tgt Ion: 62 Resp: 70271

Ion Ratio Lower Upper

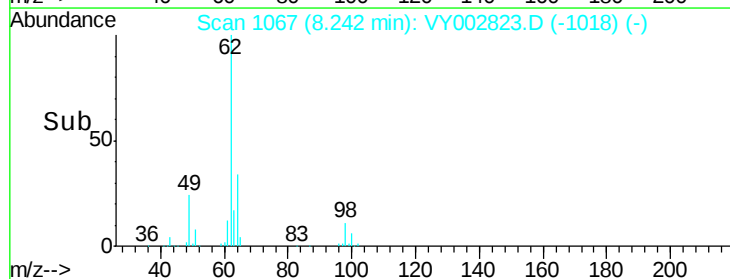
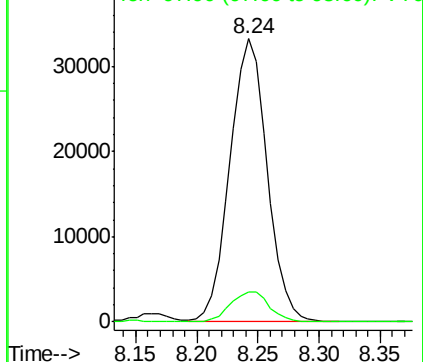
62 100

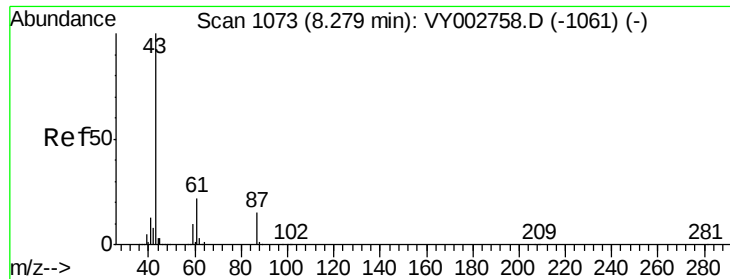
98 11.1 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.98 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

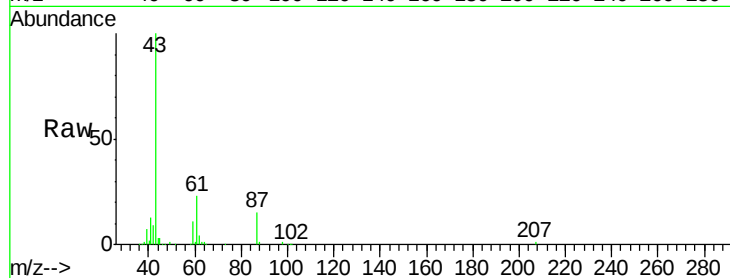
Tgt Ion: 43 Resp: 86604

Ion Ratio Lower Upper

43 100

61 32.1 24.8 37.2

87 16.2 12.4 18.6

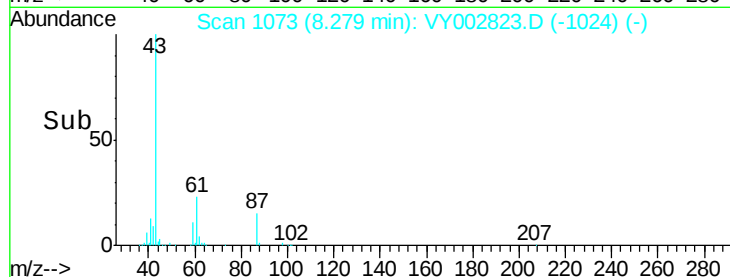


Abundance Ion 43.00 (42.70 to 43.70): VY002823.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY002823.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY002823.D (-1073) (-)

Time-->



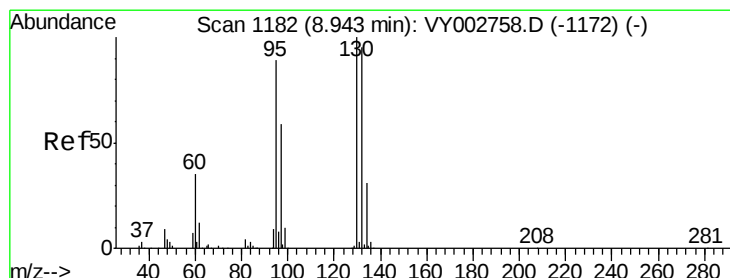
Abundance

Ion 43.00 (42.70 to 43.70): VY002823.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY002823.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY002823.D (-1073) (-)

Time-->



#44

Trichloroethene

Concen: 20.96 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002823.D

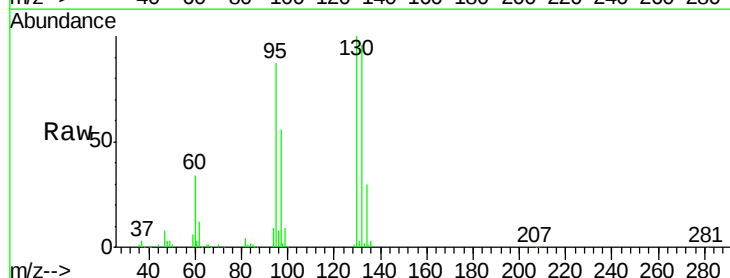
Acq: 03 Jun 2020 11:18

Tgt Ion: 130 Resp: 82265

Ion Ratio Lower Upper

130 100

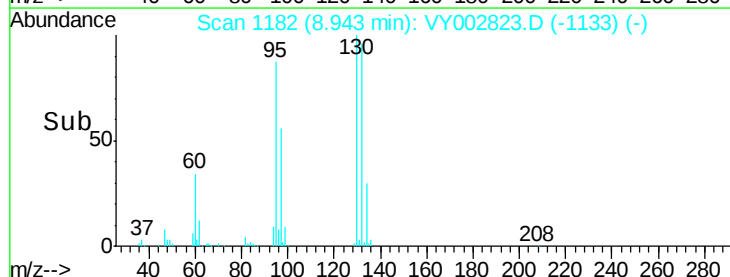
95 87.3 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002823.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY002823.D (-1182) (-)

Time-->

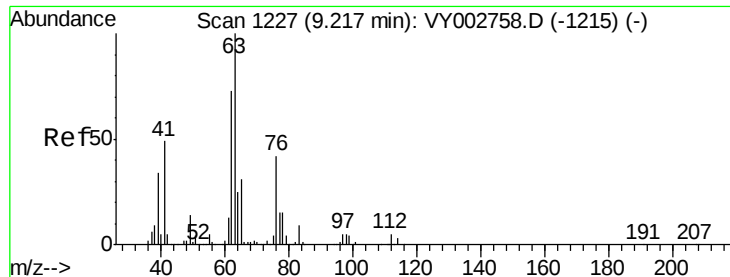


Abundance

Ion 129.80 (129.50 to 130.50): VY002823.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY002823.D (-1182) (-)

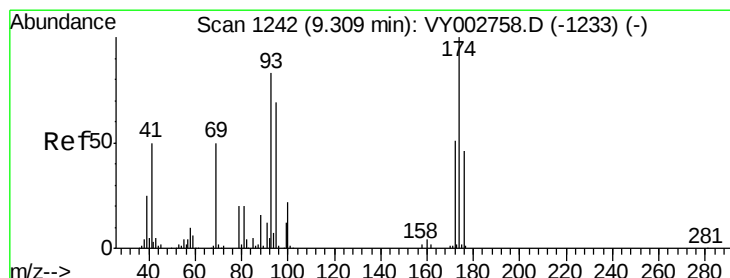
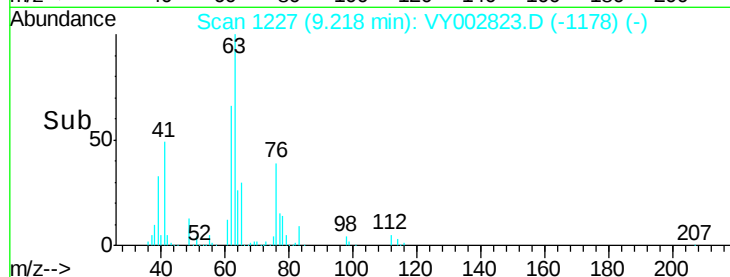
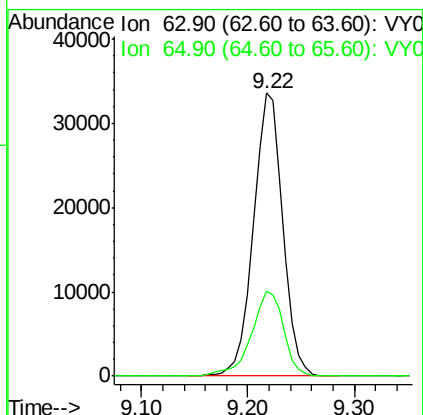
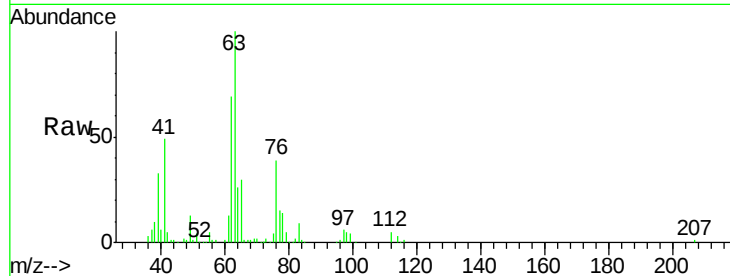
Time-->



#45
 1,2-Dichloropropane
 Concen: 21.77 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

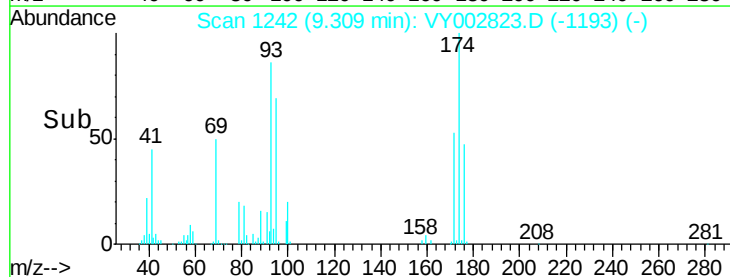
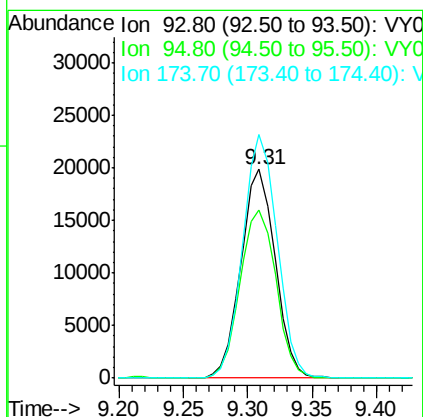
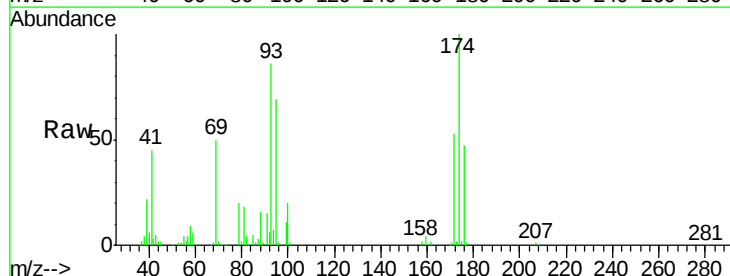
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

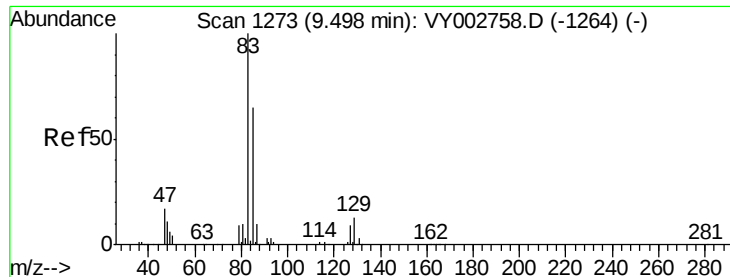
Tgt Ion: 63 Resp: 64868
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2



#46
 Dibromomethane
 Concen: 20.72 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

Tgt Ion: 93 Resp: 36663
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.9 100.3
 174 116.6 97.7 146.5





#47

Bromodichloromethane

Concen: 21.09 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

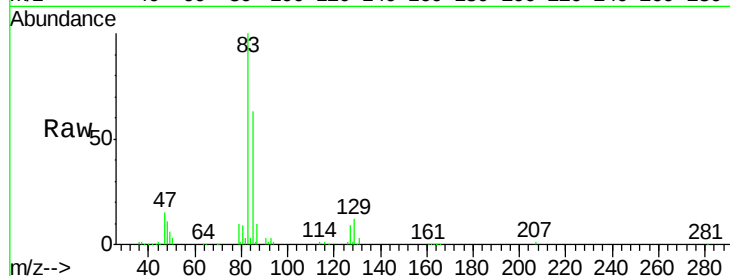
Tgt Ion: 83 Resp: 87992

Ion Ratio Lower Upper

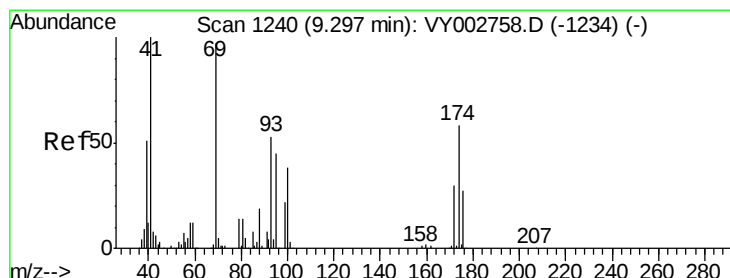
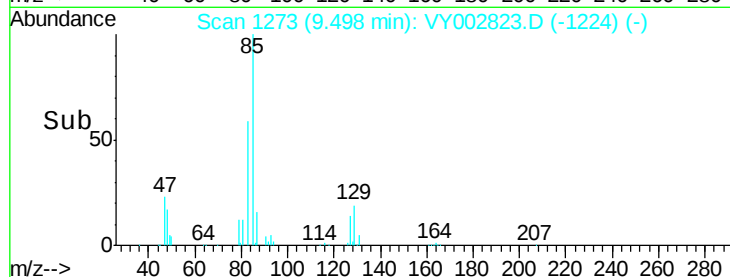
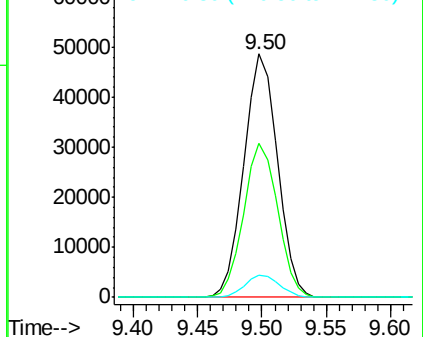
83 100

85 63.3 51.9 77.9

127 9.0 7.1 10.7



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



#48

Methyl methacrylate

Concen: 19.80 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

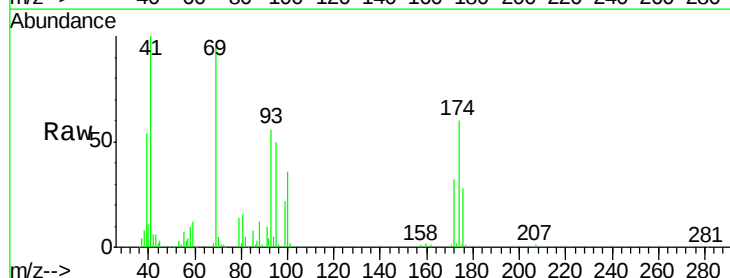
Tgt Ion: 41 Resp: 38745

Ion Ratio Lower Upper

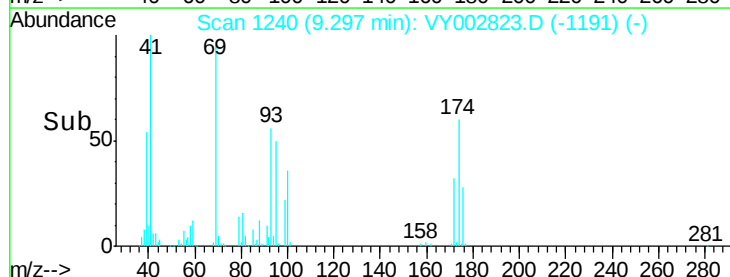
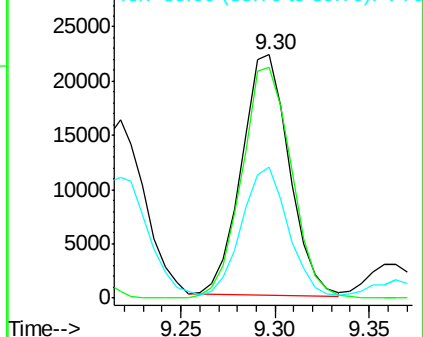
41 100

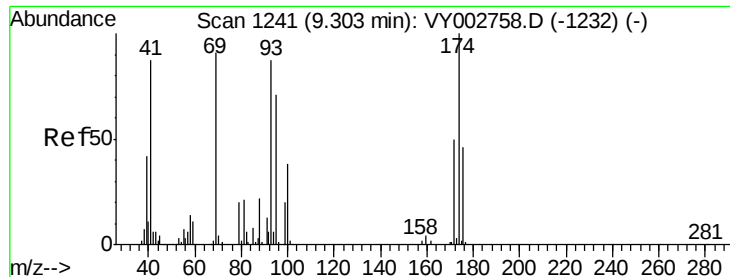
69 100.2 79.7 119.5

39 54.3 43.3 64.9



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

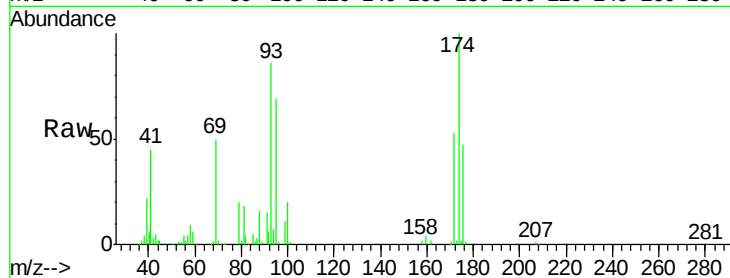




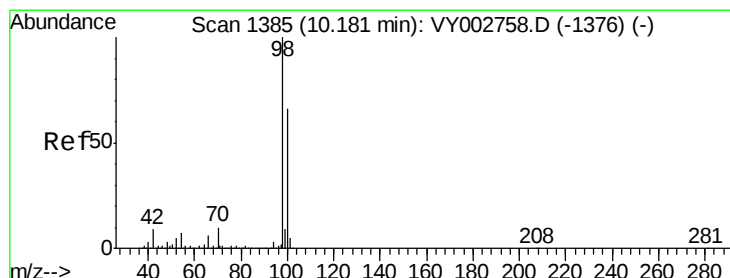
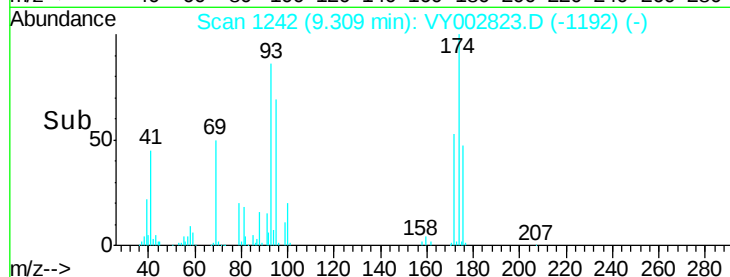
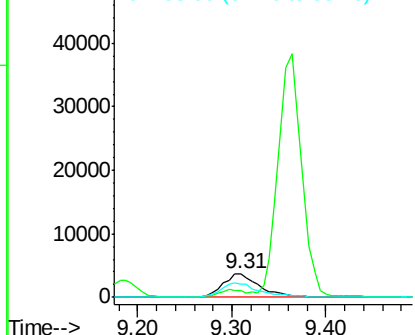
#49
1,4-Dioxane
Concen: 373.78 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 88 Resp: 10156
Ion Ratio Lower Upper
88 100
43 23.2 21.3 31.9
58 65.6 52.2 78.2

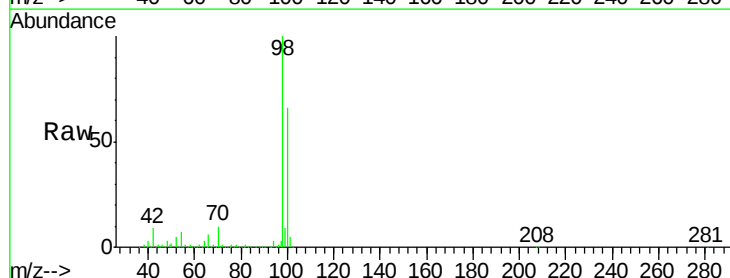


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

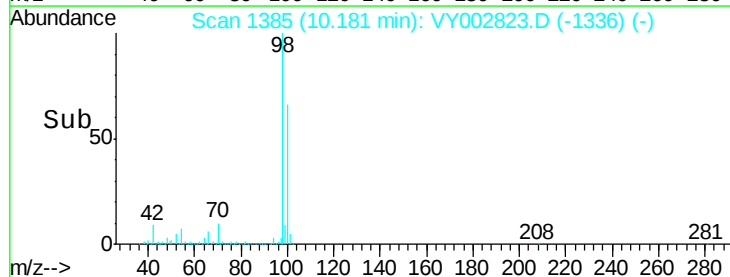
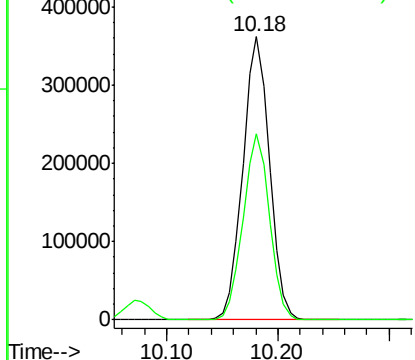


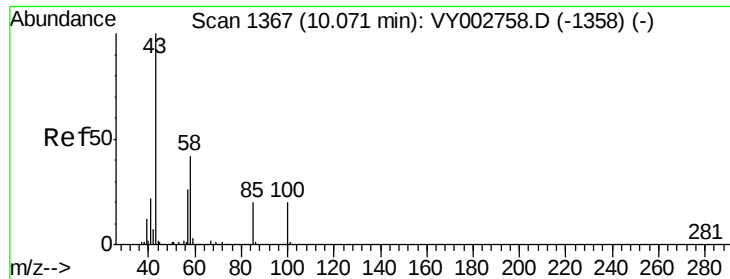
#50
Toluene-d8
Concen: 50.89 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion: 98 Resp: 601947
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



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

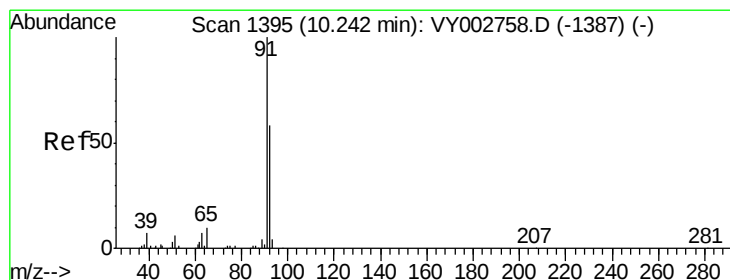
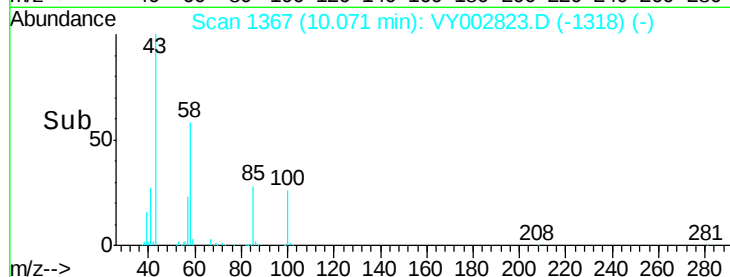
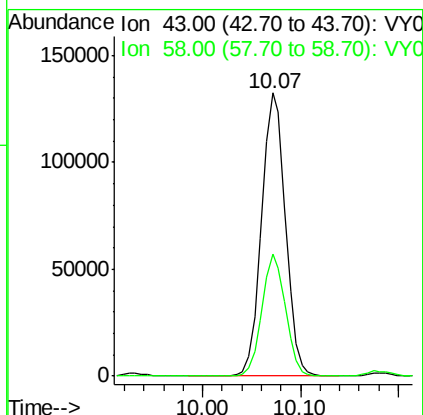
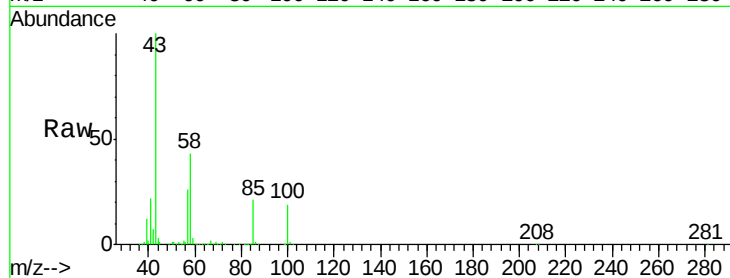




#51
4-Methyl-2-Pentanone
Concen: 97.65 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

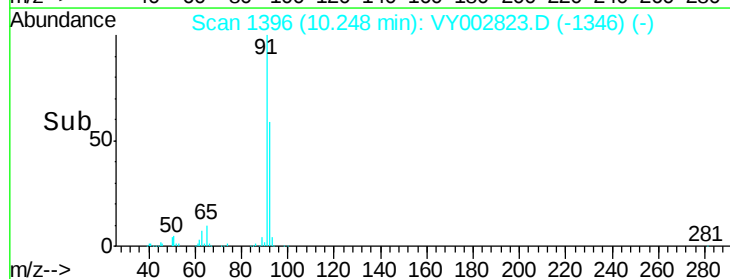
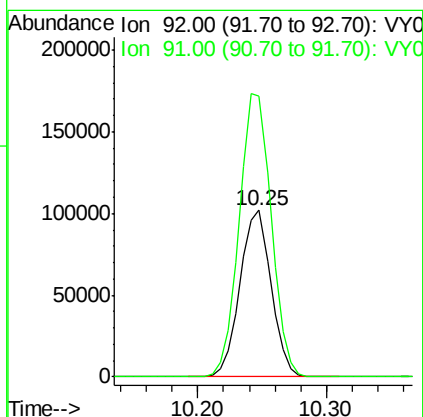
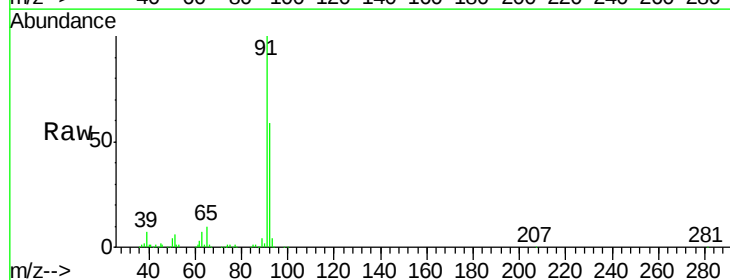
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

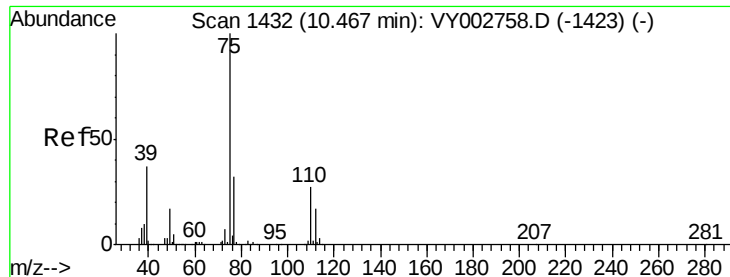
Tgt Ion: 43 Resp: 224179
Ion Ratio Lower Upper
43 100
58 42.6 34.2 51.2



#52
Toluene
Concen: 20.91 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion: 92 Resp: 169940
Ion Ratio Lower Upper
92 100
91 175.4 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 20.57 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

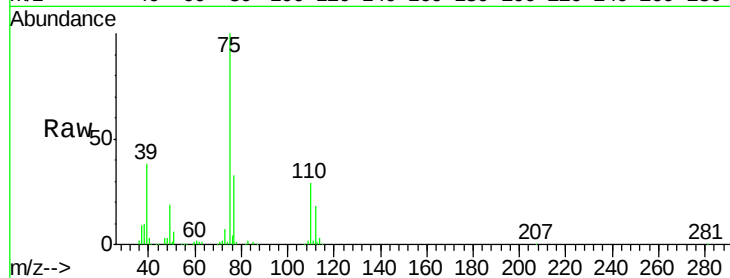
VY0603SBS01

Tgt Ion: 75 Resp: 93725

Ion Ratio Lower Upper

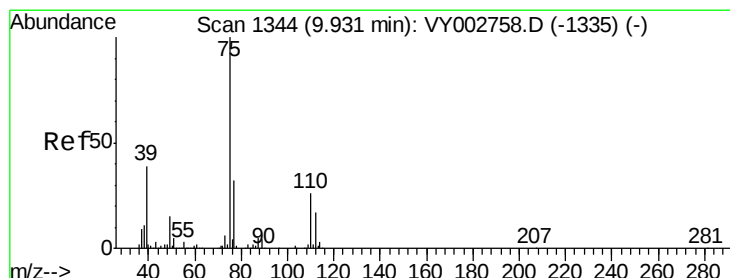
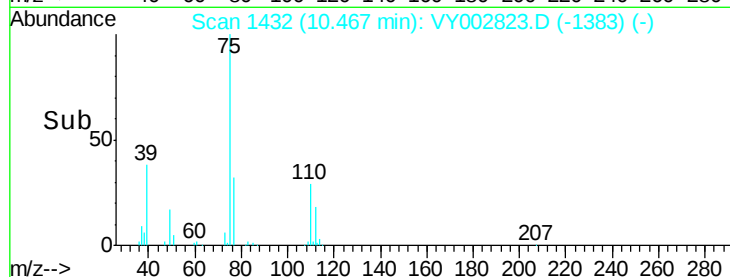
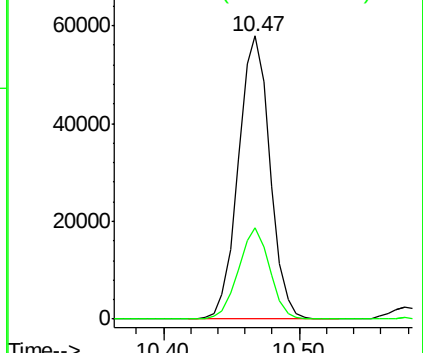
75 100

77 32.5 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.02 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

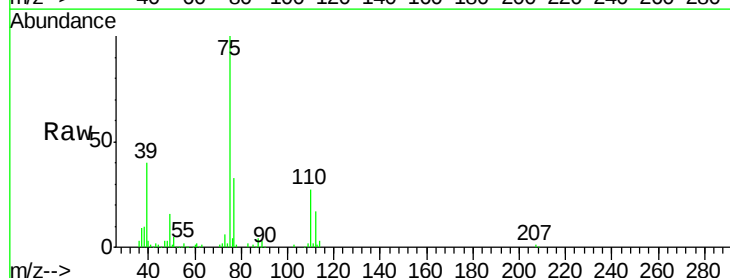
Tgt Ion: 75 Resp: 108552

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4

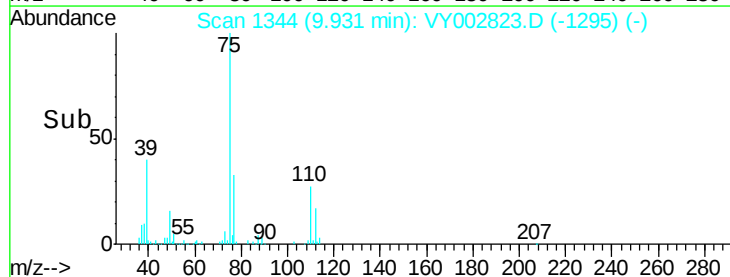
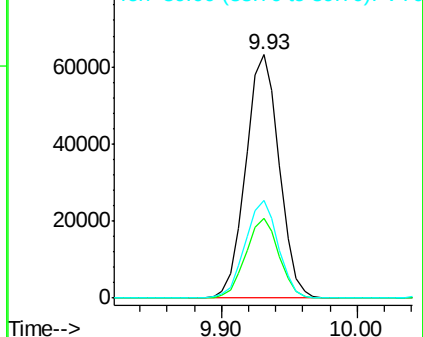
39 39.9 31.3 46.9

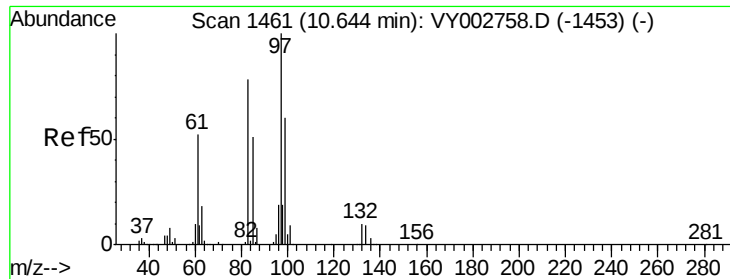


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

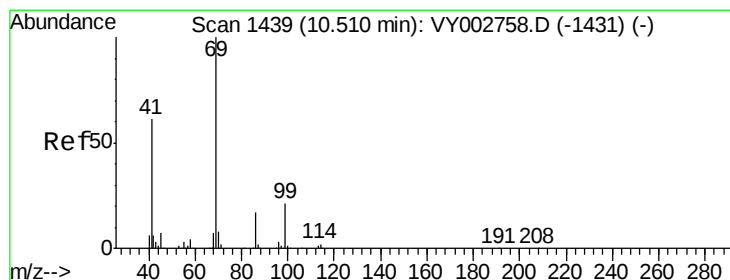
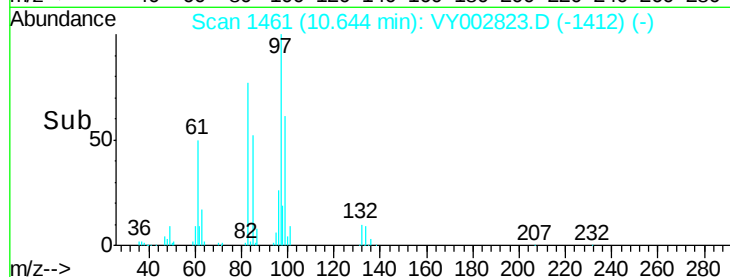
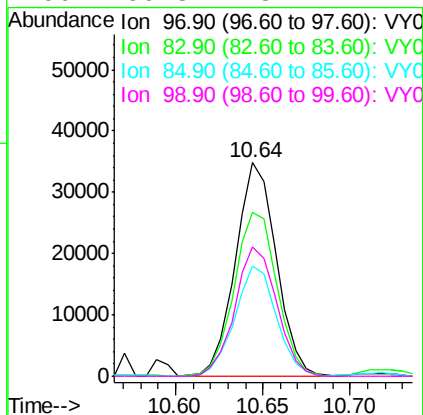
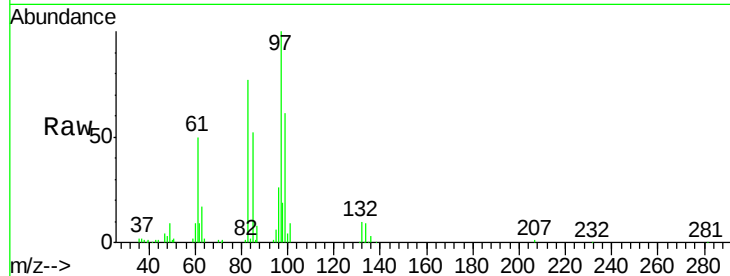




#55
 1,1,2-Trichloroethane
 Concen: 20.84 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

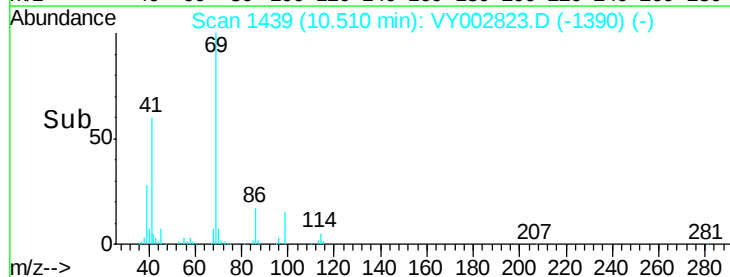
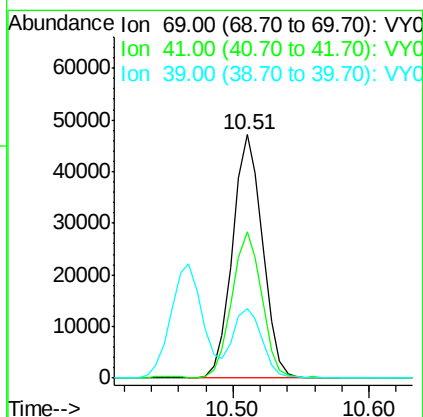
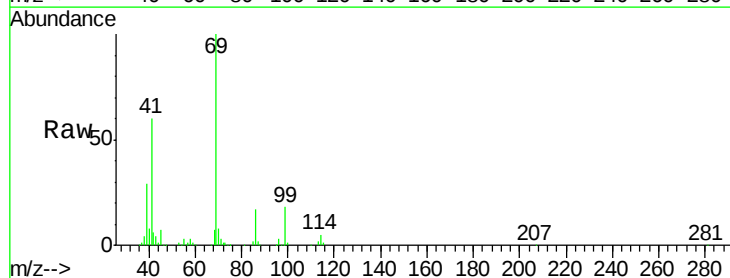
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

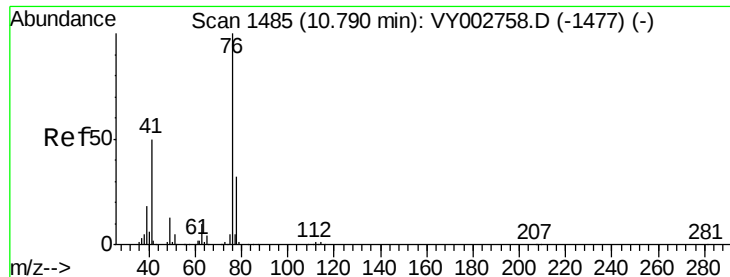
Tgt Ion:	97	Resp:	56451
Ion	Ratio	Lower	Upper
97	100		
83	76.4	62.7	94.1
85	51.7	40.6	60.8
99	60.8	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 19.96 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

Tgt Ion:	69	Resp:	72417
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.0	70.4
39	27.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 20.87 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

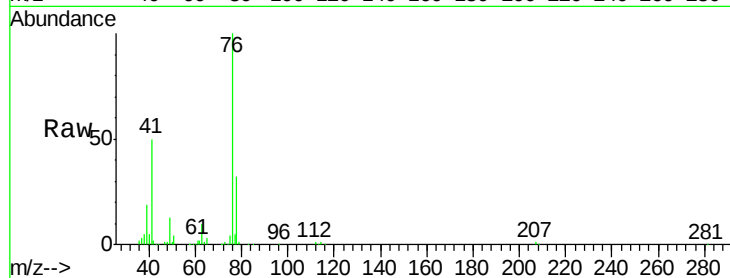
VY0603SBS01

Tgt Ion: 76 Resp: 93005

Ion Ratio Lower Upper

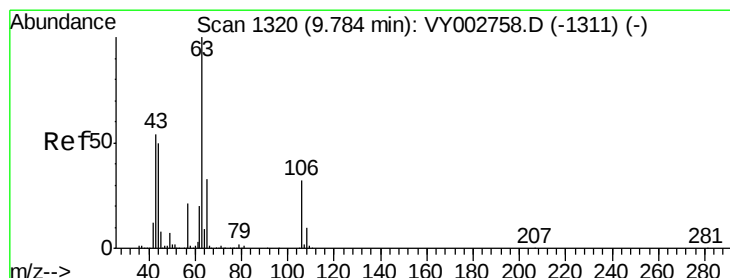
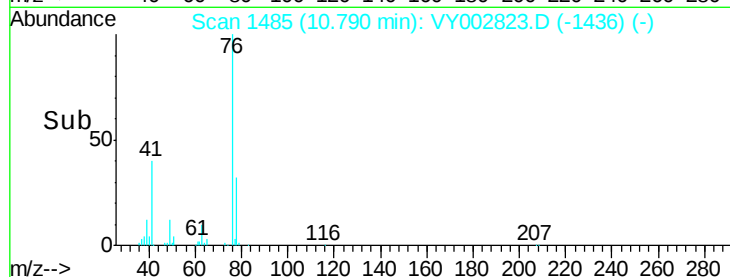
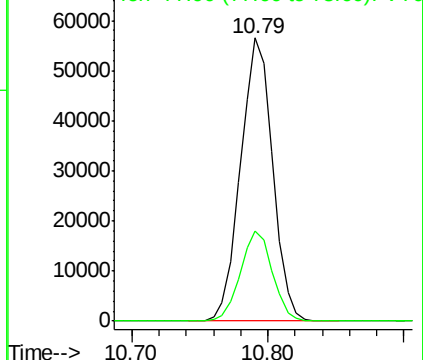
76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 104.17 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002823.D

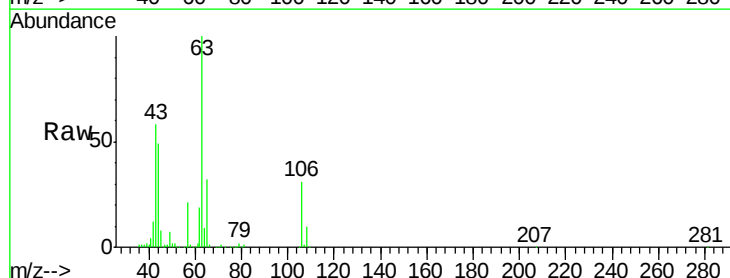
Acq: 03 Jun 2020 11:18

Tgt Ion: 63 Resp: 184698

Ion Ratio Lower Upper

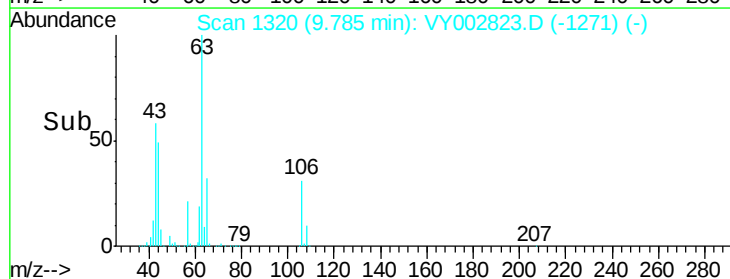
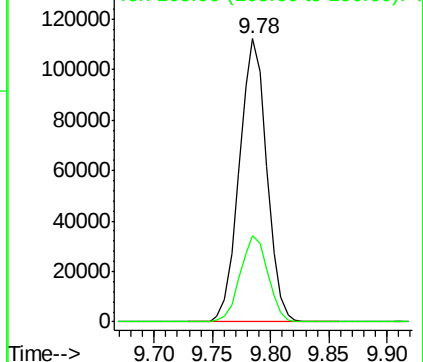
63 100

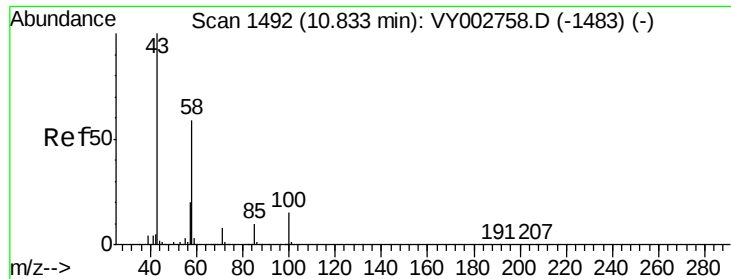
106 30.9 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

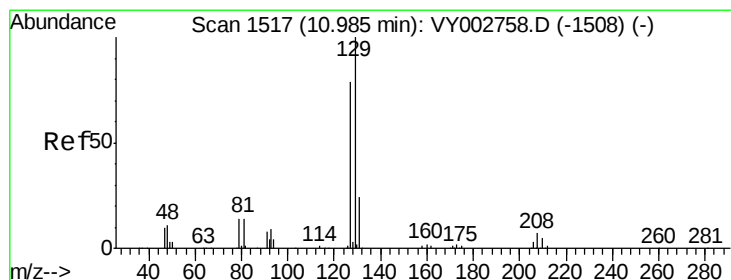
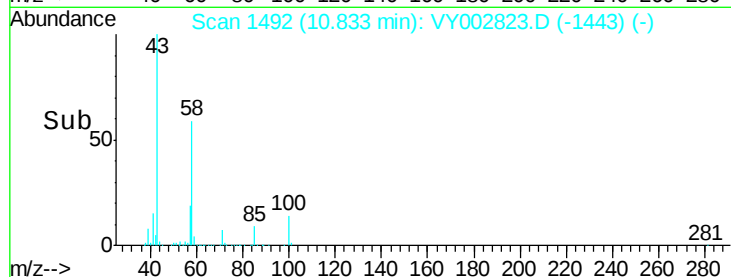
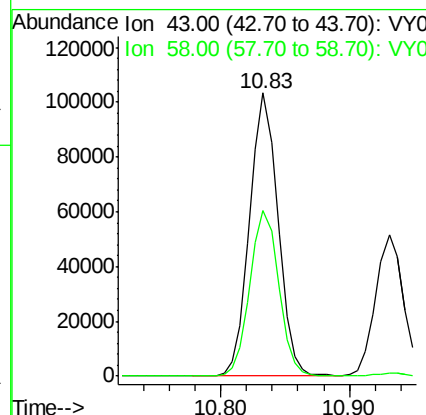
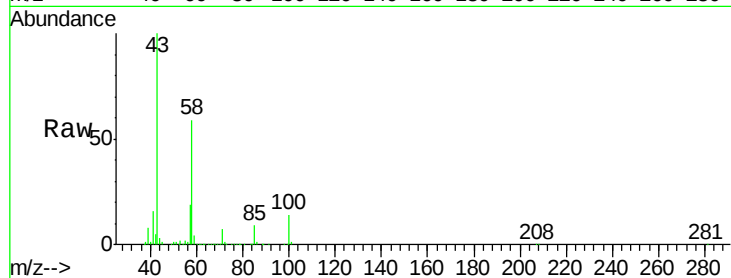




#59
2-Hexanone
Concen: 96.50 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

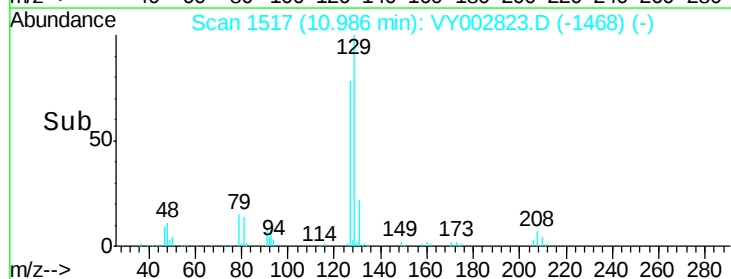
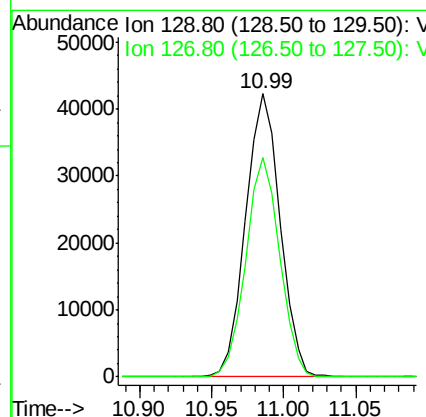
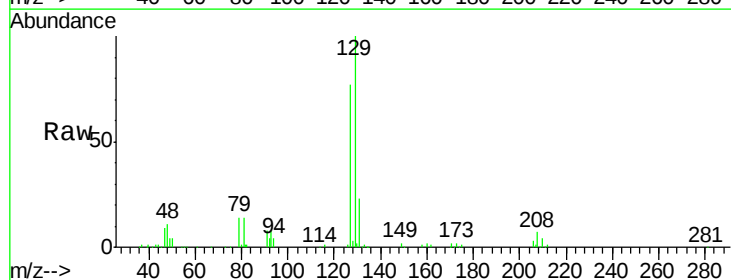
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

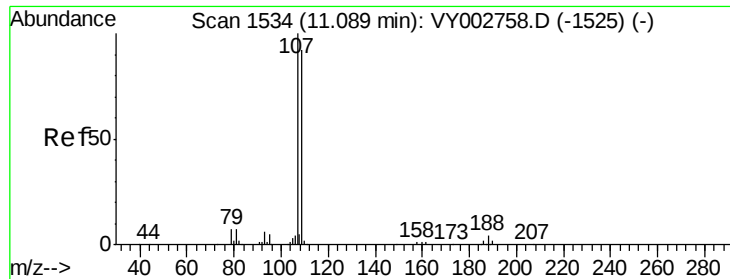
Tgt Ion: 43 Resp: 157191
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5



#60
Dibromochloromethane
Concen: 20.40 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion: 129 Resp: 70074
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3

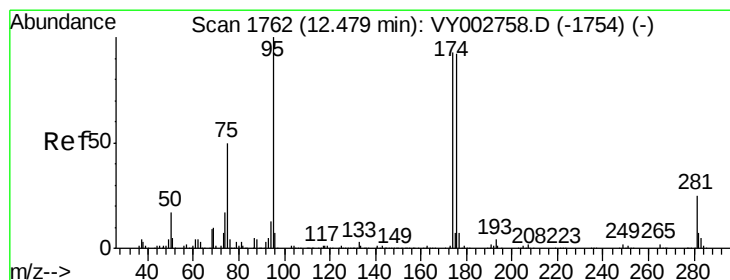
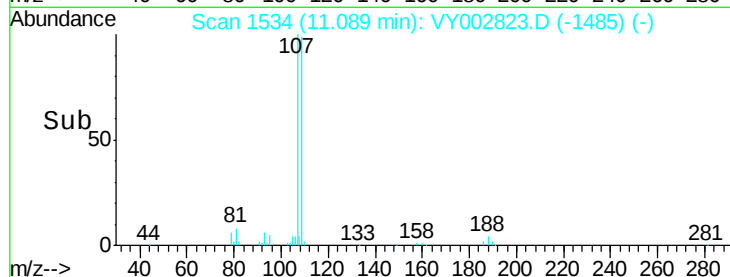
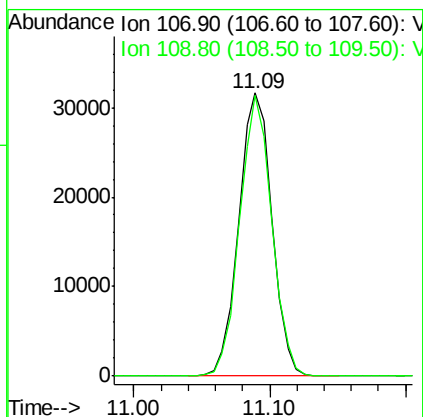
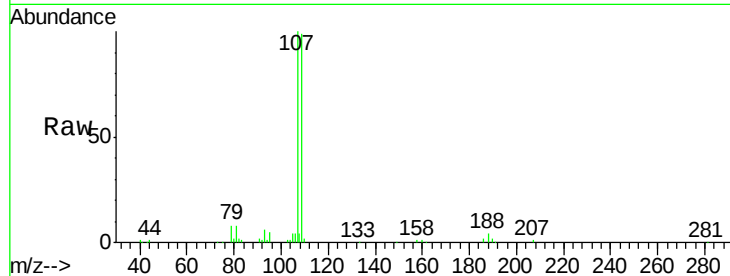




#61
 1,2-Dibromoethane
 Concen: 20.12 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

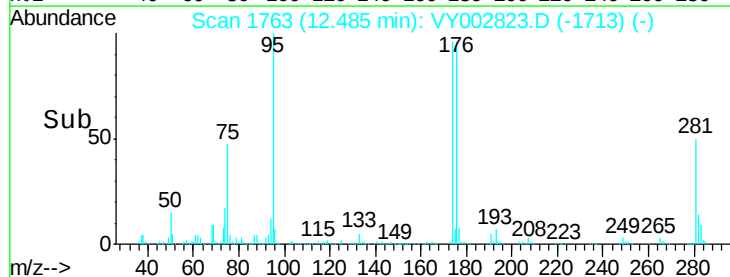
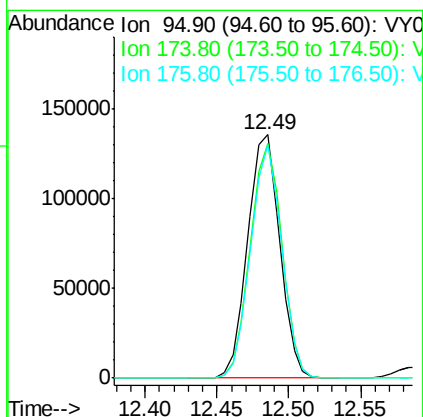
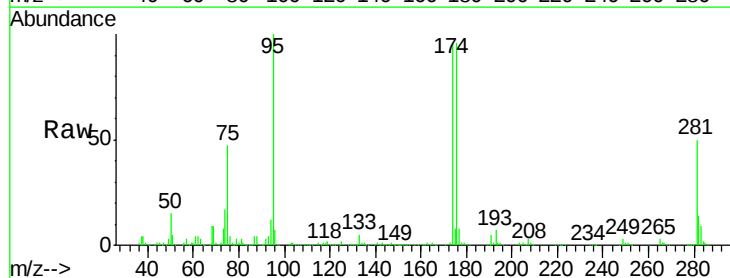
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

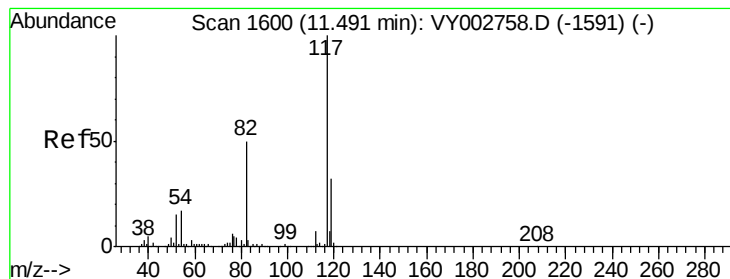
Tgt Ion: 107 Resp: 53763
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.72 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

Tgt Ion: 95 Resp: 209055
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 191.2
 176 92.7 0.0 188.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

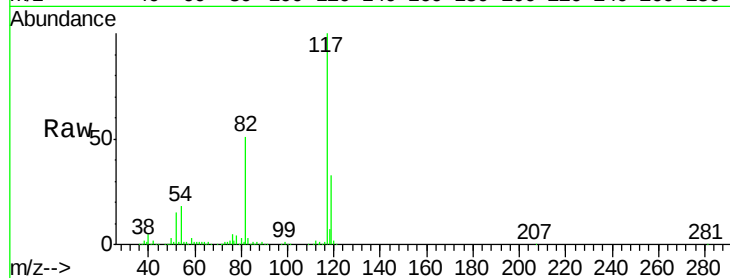
Tgt Ion:117 Resp: 459921

Ion Ratio Lower Upper

117 100

82 50.7 40.2 60.4

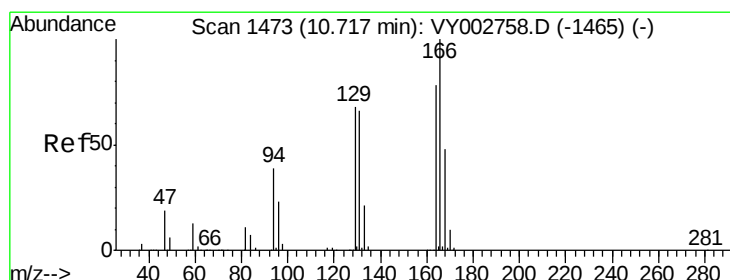
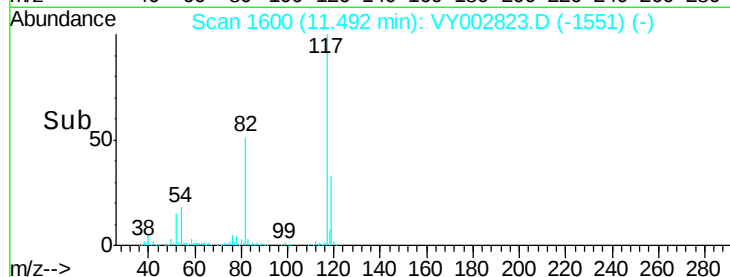
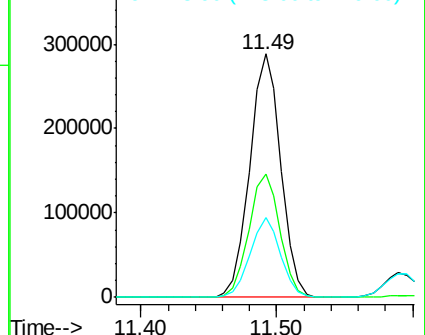
119 32.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.40 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Tgt Ion:164 Resp: 85282

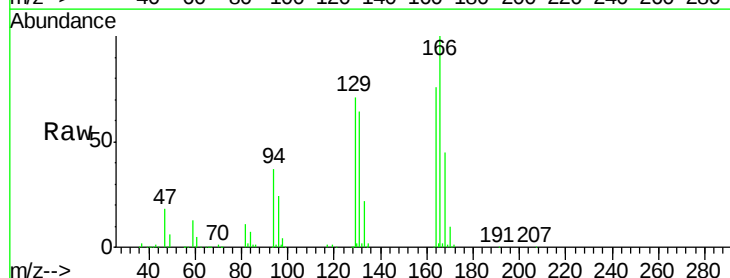
Ion Ratio Lower Upper

164 100

166 131.0 102.3 153.5

129 92.4 69.4 104.2

131 84.3 67.8 101.6

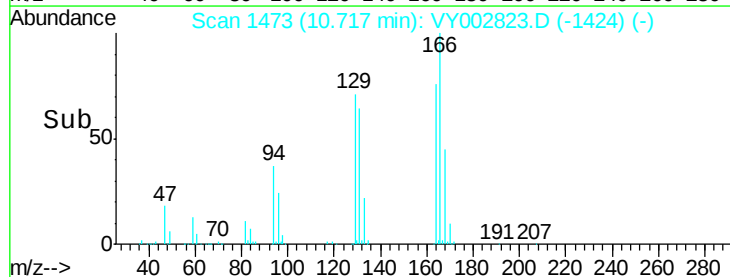
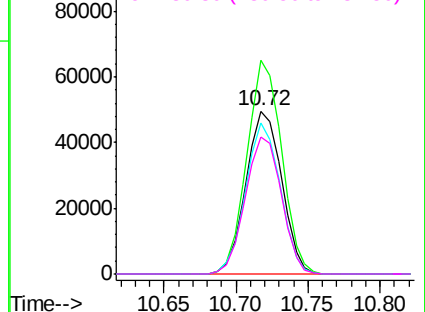


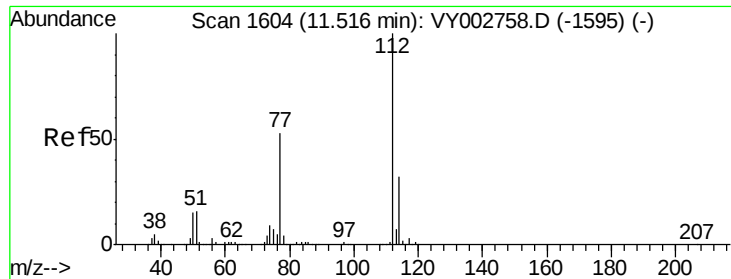
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

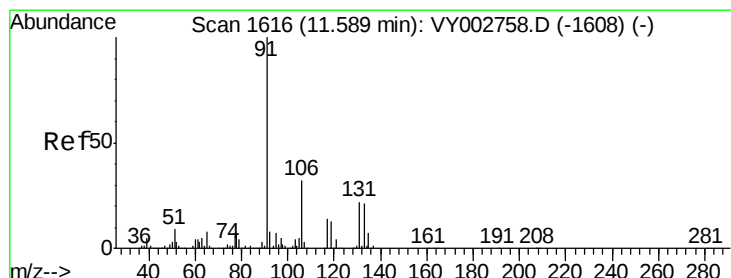
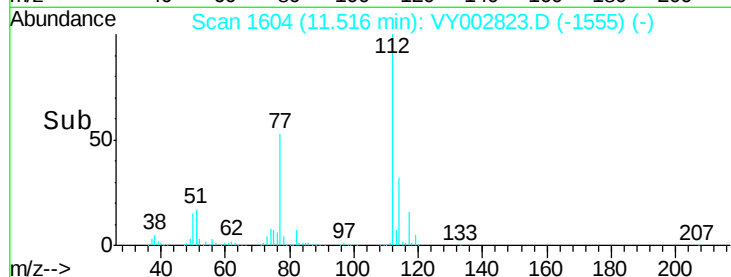
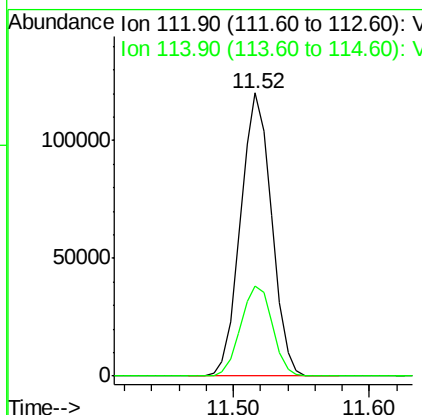
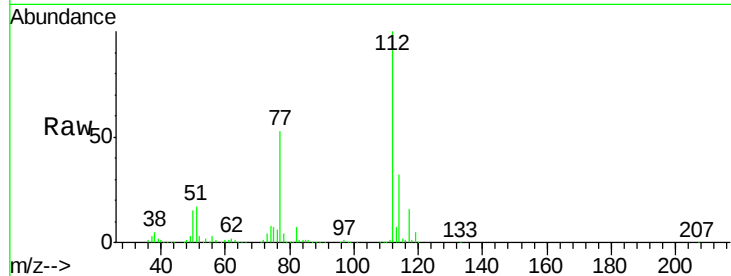




#65
Chlorobenzene
Concen: 21.10 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

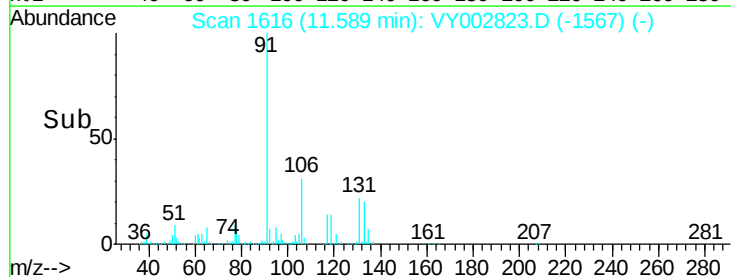
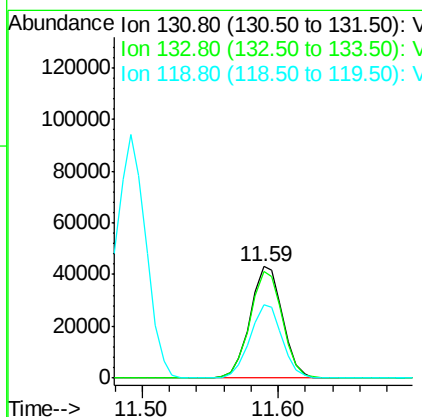
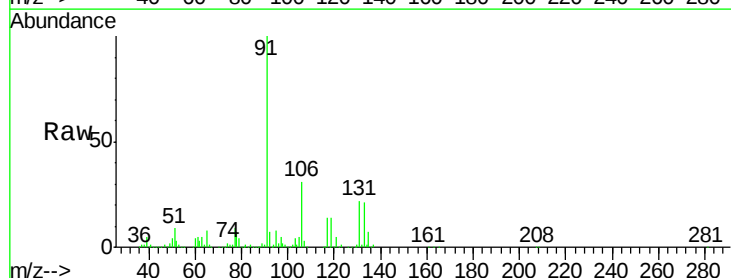
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

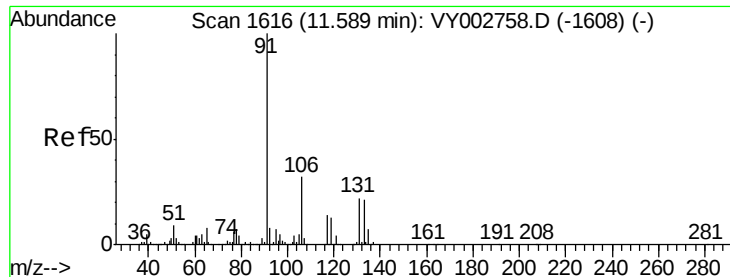
Tgt Ion:112 Resp: 191786
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.00 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion:131 Resp: 71898
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.8
119 65.2 31.7 95.1





#67

Ethyl Benzene

Concen: 21.20 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

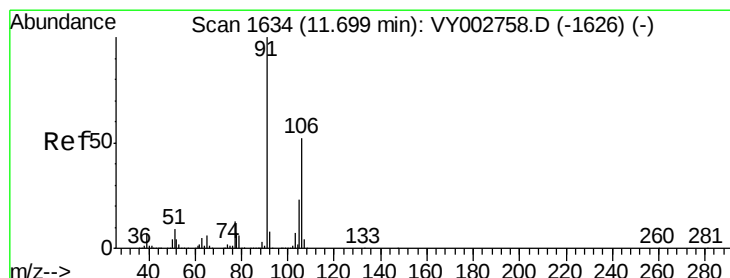
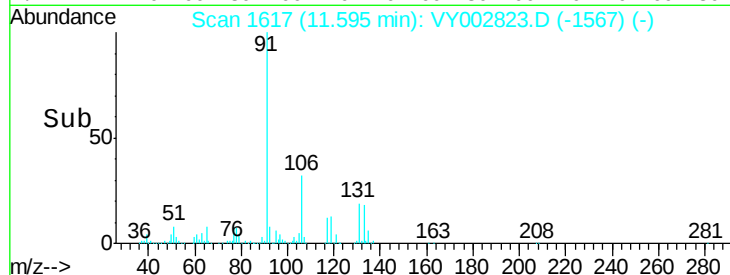
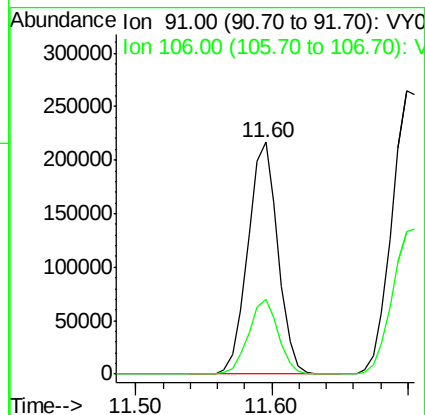
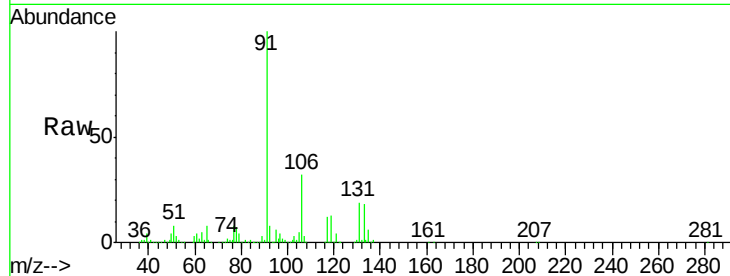
VY0603SBS01

Tgt Ion: 91 Resp: 334087

Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



#68

m/p-Xylenes

Concen: 42.10 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002823.D

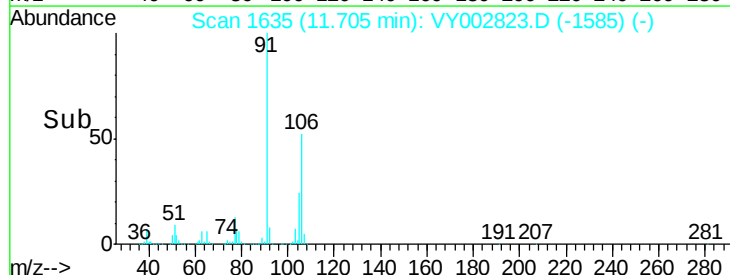
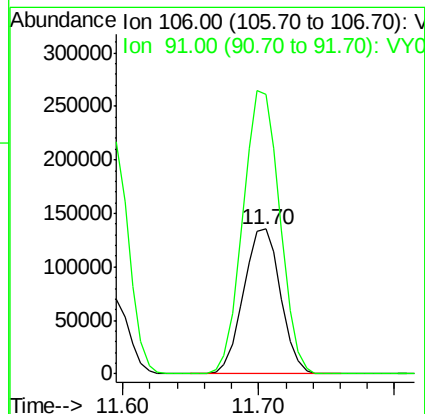
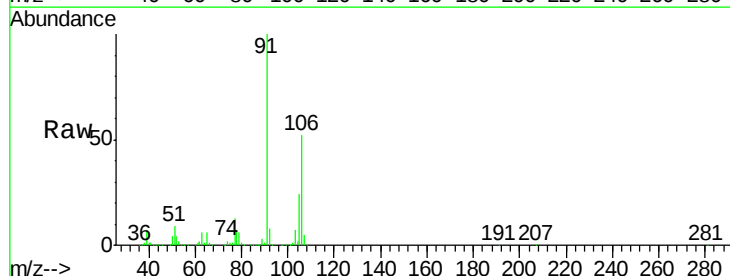
Acq: 03 Jun 2020 11:18

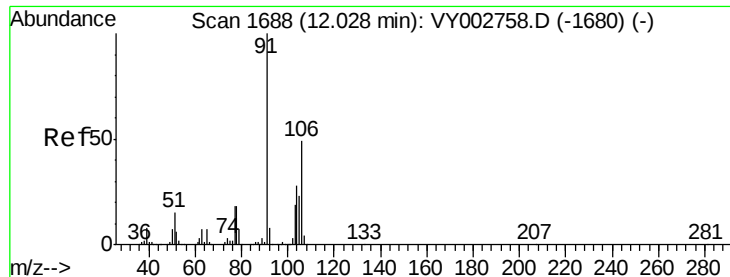
Tgt Ion: 106 Resp: 257217

Ion Ratio Lower Upper

106 100

91 195.6 156.0 234.0

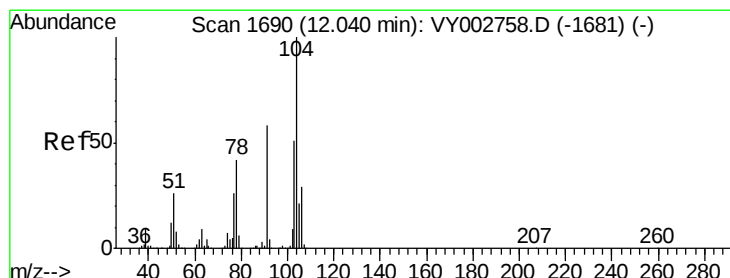
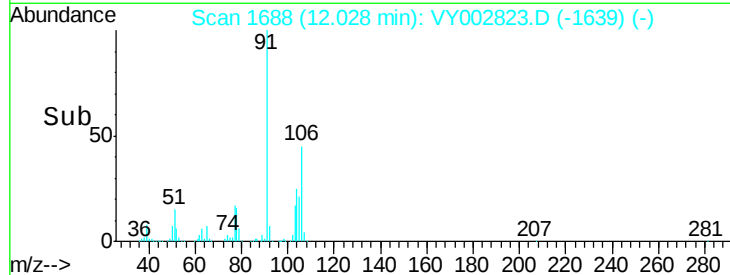
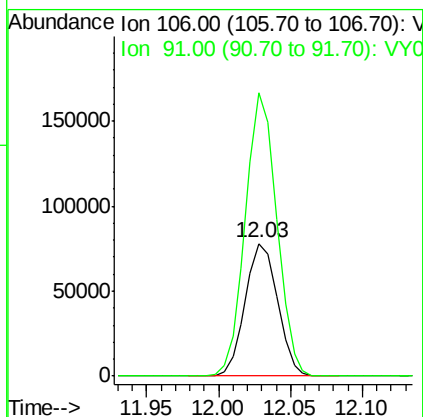
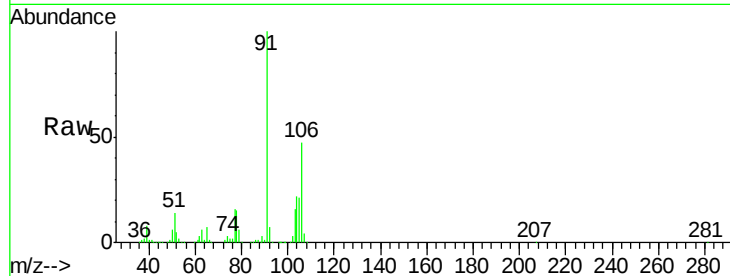




#69
o-Xylene
Concen: 21.13 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

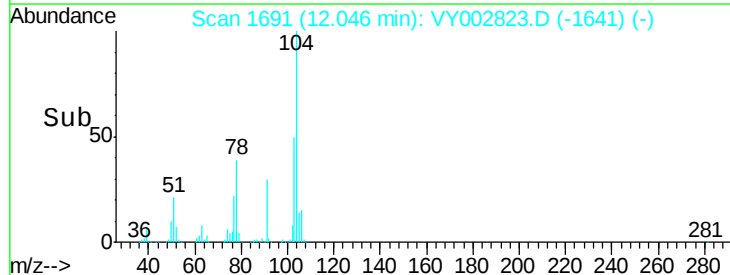
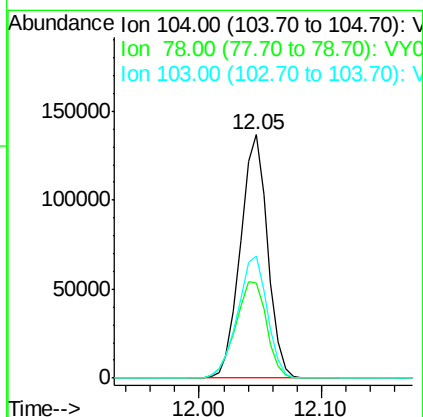
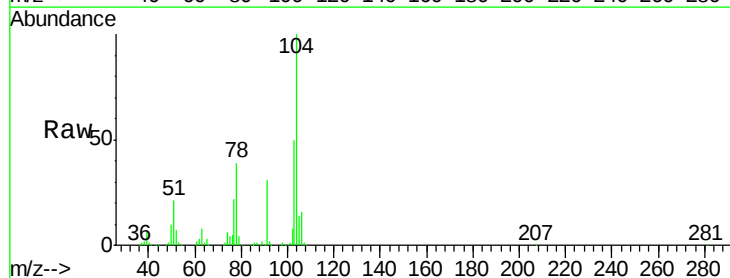
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

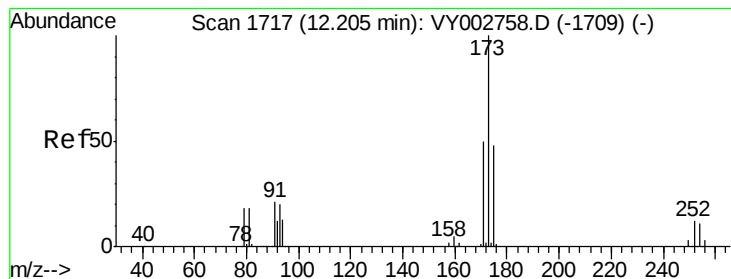
Tgt Ion:106 Resp: 121876
Ion Ratio Lower Upper
106 100
91 206.5 102.4 307.1



#70
Styrene
Concen: 21.04 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002823.D
Acq: 03 Jun 2020 11:18

Tgt Ion:104 Resp: 210424
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 20.03 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

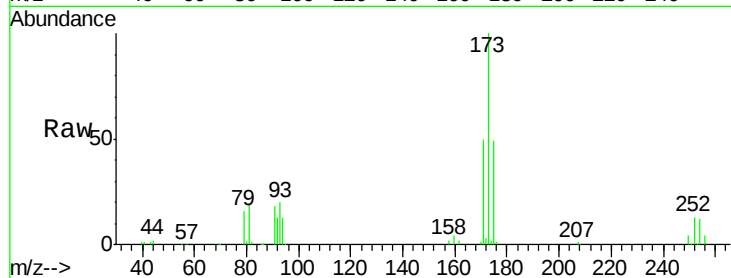
Tgt Ion:173 Resp: 45876

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

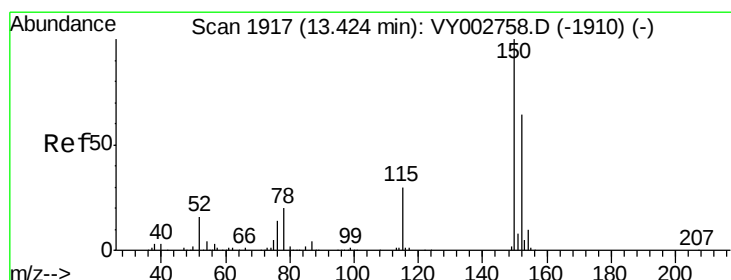
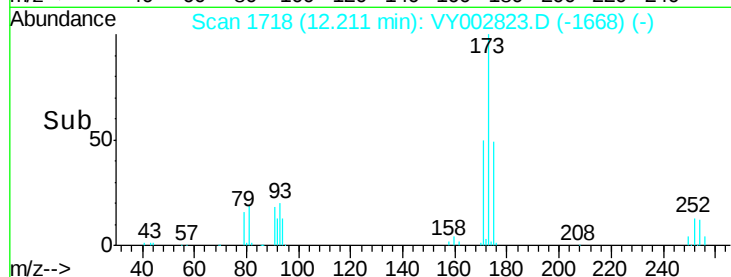
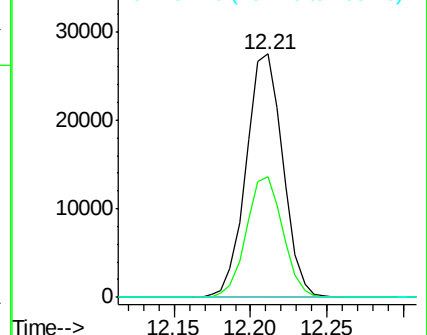
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

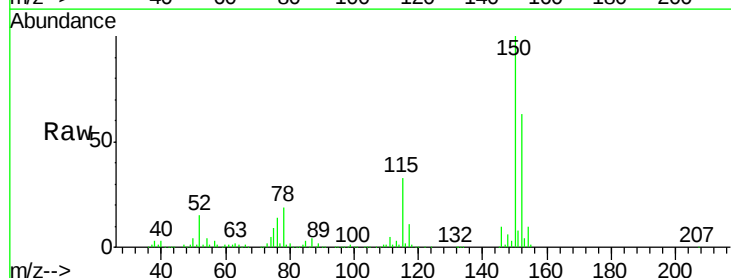
Tgt Ion:152 Resp: 243462

Ion Ratio Lower Upper

152 100

115 54.6 27.0 81.0

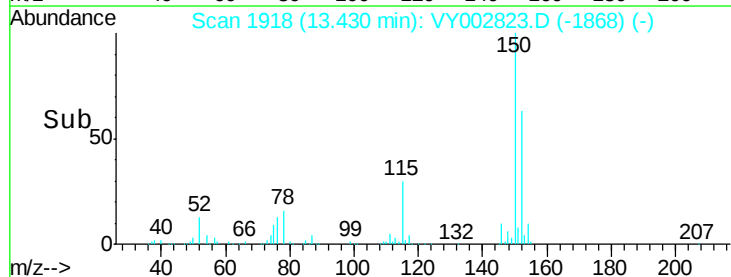
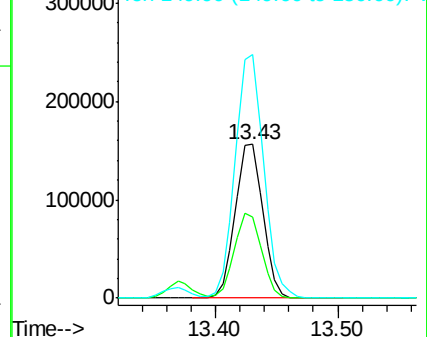
150 163.9 0.0 344.8

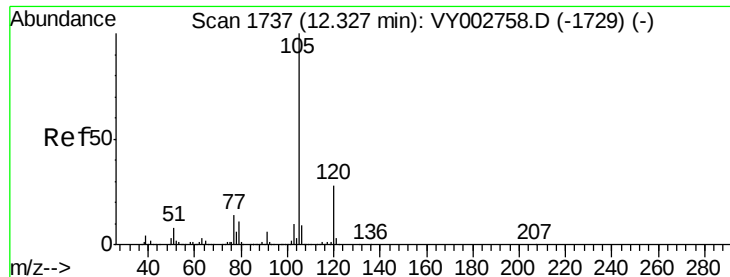


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.49 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

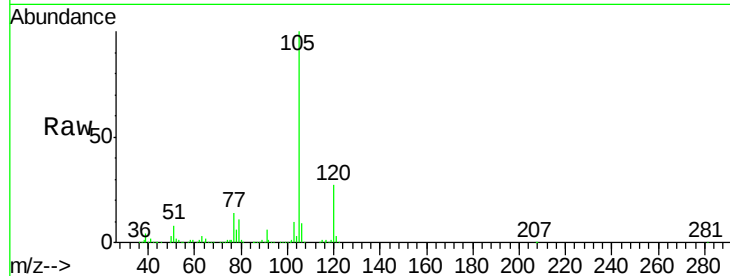
VY0603SBS01

Tgt Ion: 105 Resp: 335238

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

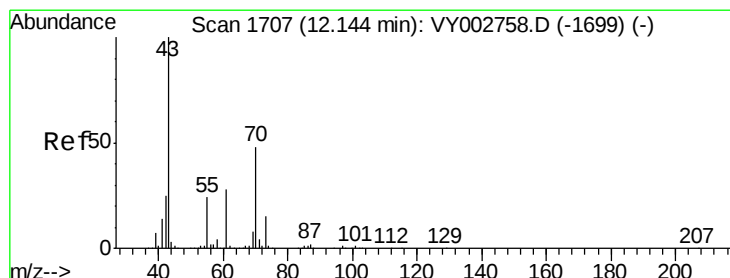
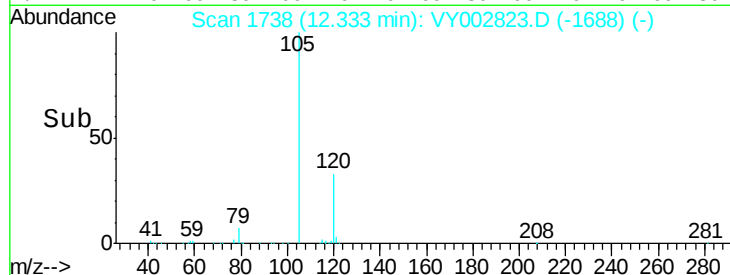
100000

50000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 20.35 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Tgt Ion: 43 Resp: 81451

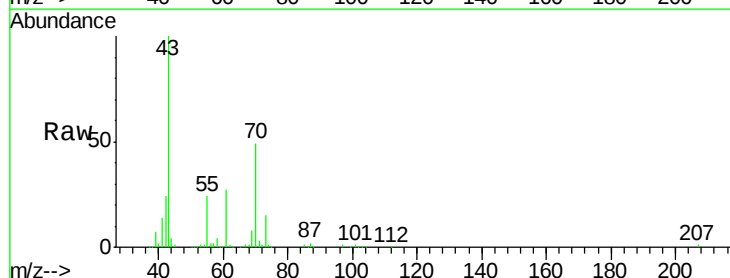
Ion Ratio Lower Upper

43 100

70 48.5 37.7 56.5

55 24.8 19.8 29.6

61 26.1 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

60000

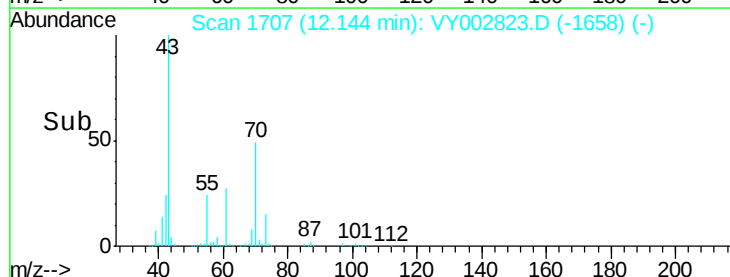
40000

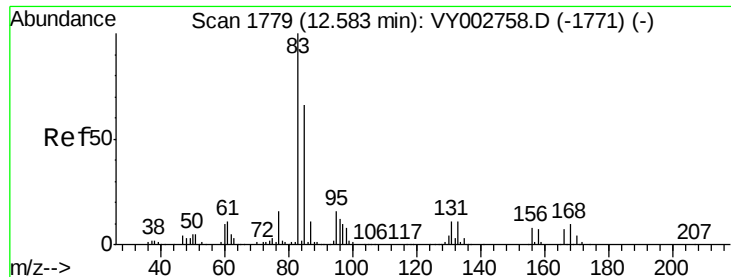
20000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.07 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

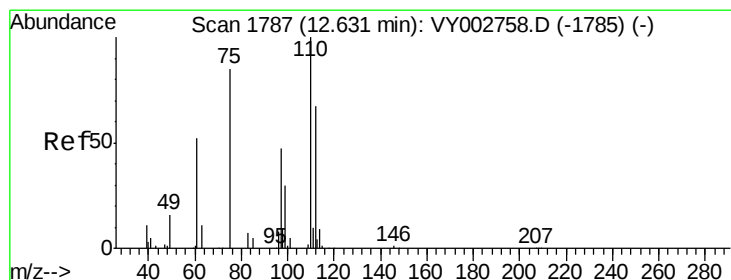
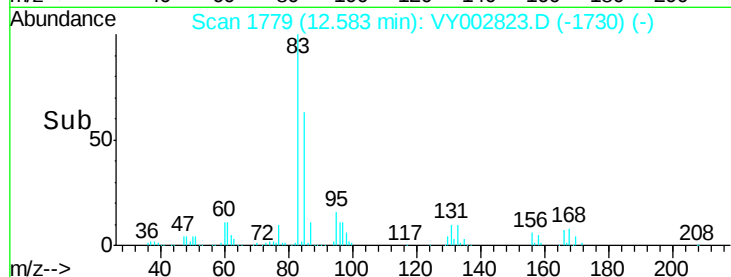
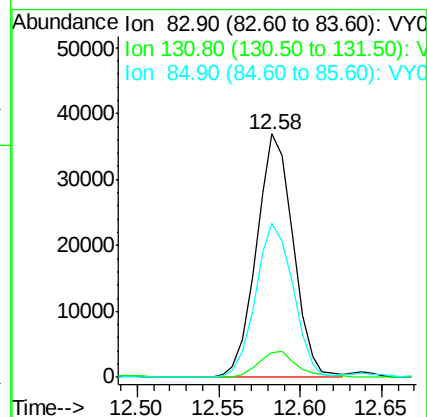
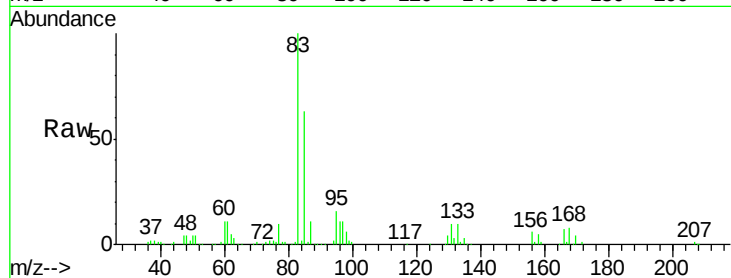
Tgt Ion: 83 Resp: 57675

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.4

85 64.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 38.14 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY002823.D

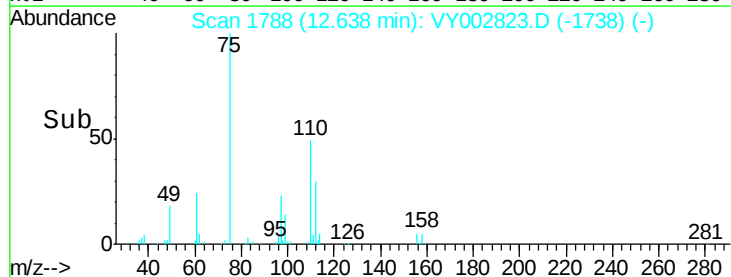
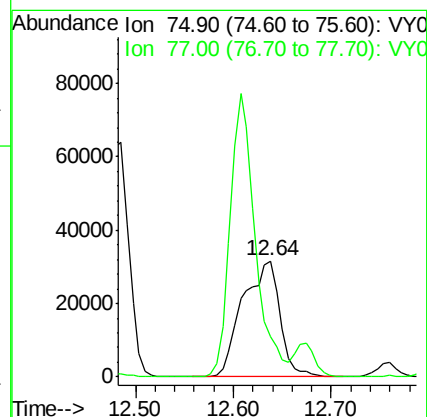
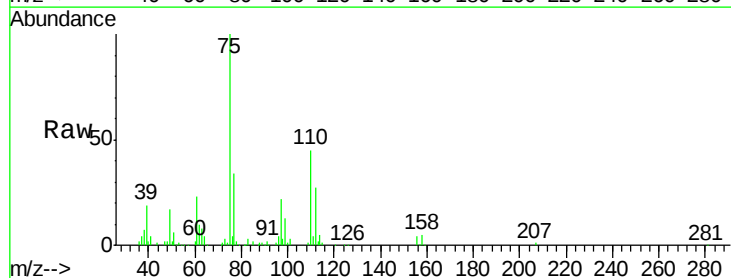
Acq: 03 Jun 2020 11:18

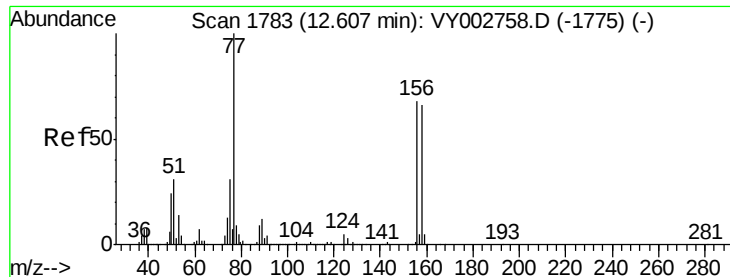
Tgt Ion: 75 Resp: 83667

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.75 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

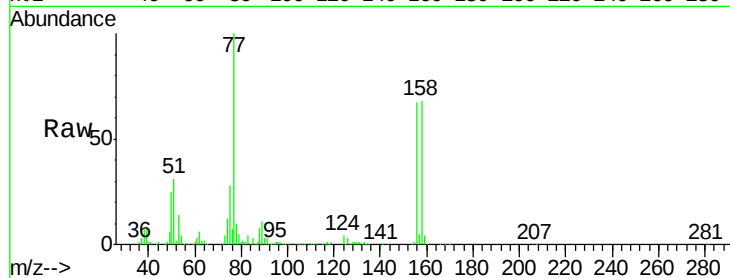
Tgt Ion:156 Resp: 84315

Ion Ratio Lower Upper

156 100

77 163.7 81.4 244.2

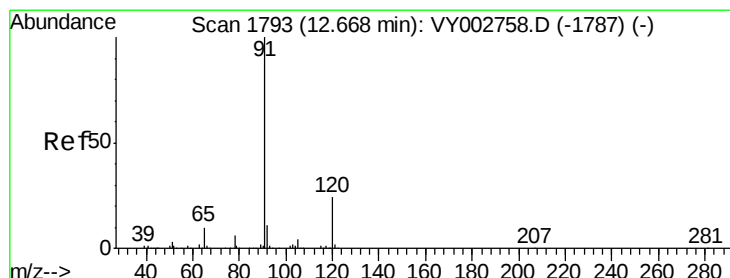
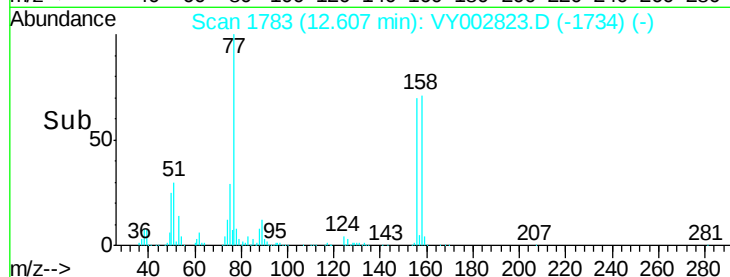
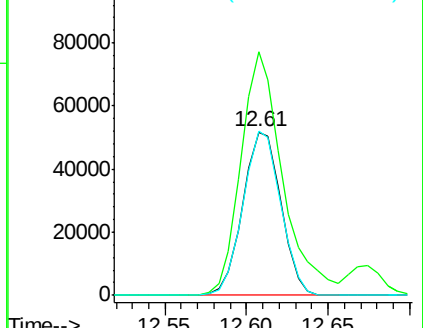
158 99.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.54 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002823.D

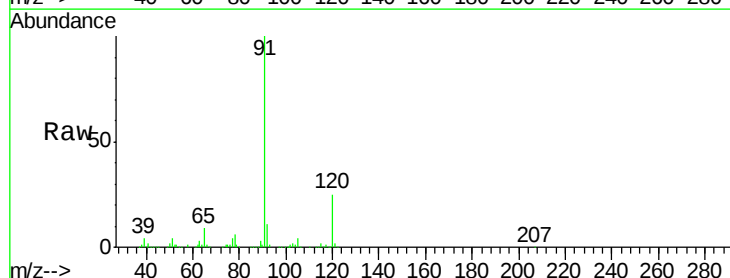
Acq: 03 Jun 2020 11:18

Tgt Ion: 91 Resp: 388224

Ion Ratio Lower Upper

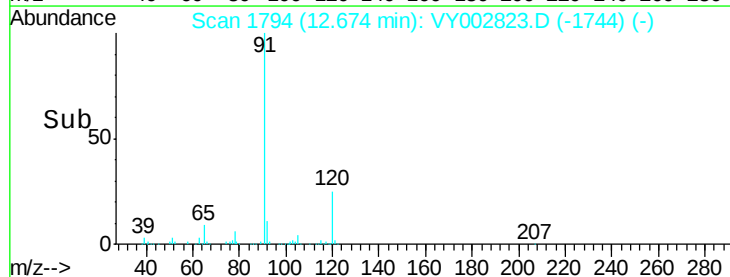
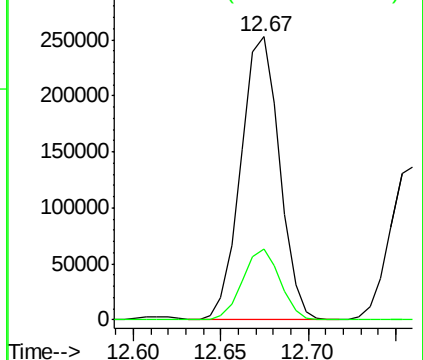
91 100

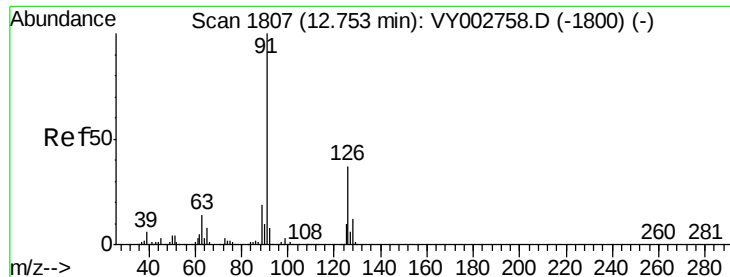
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.38 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

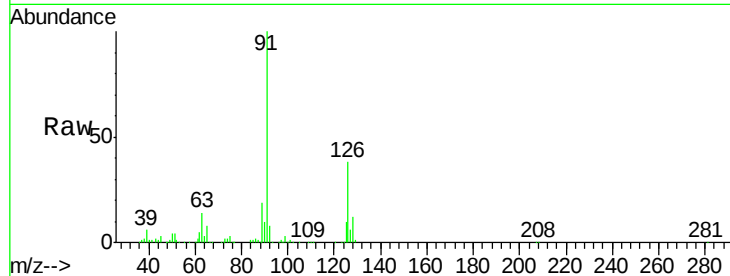
VY0603SBS01

Tgt Ion: 91 Resp: 216168

Ion Ratio Lower Upper

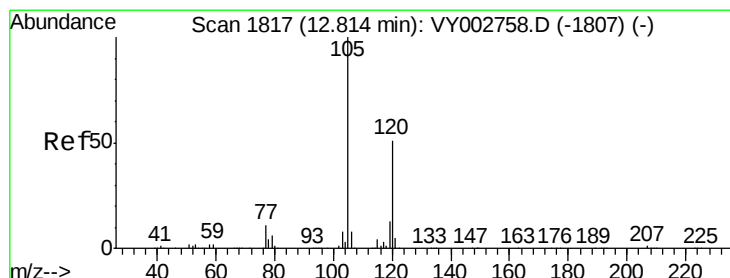
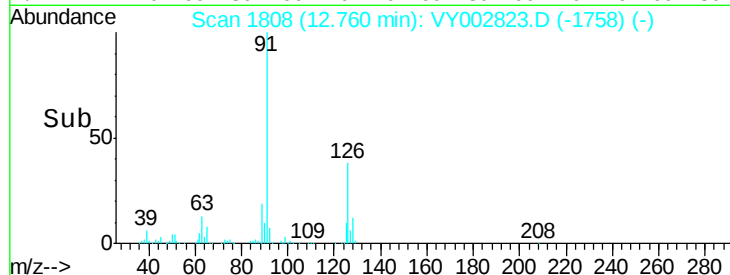
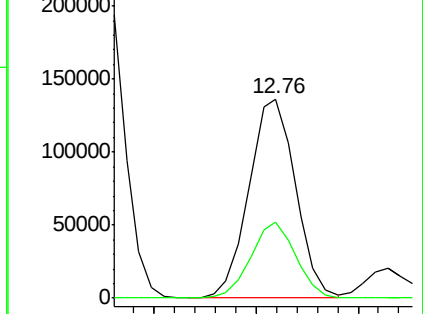
91 100

126 36.8 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.40 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002823.D

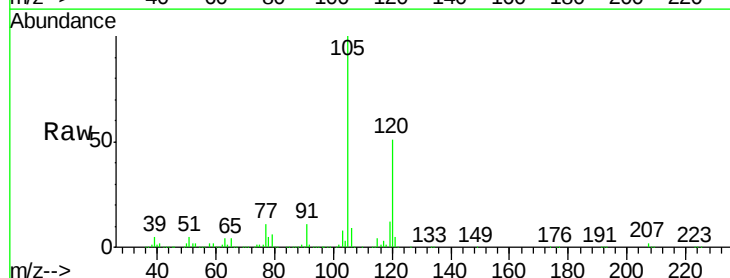
Acq: 03 Jun 2020 11:18

Tgt Ion: 105 Resp: 278780

Ion Ratio Lower Upper

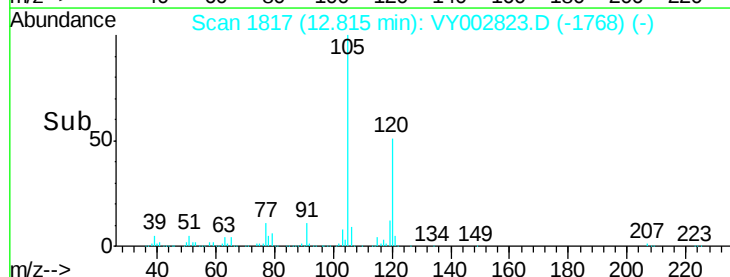
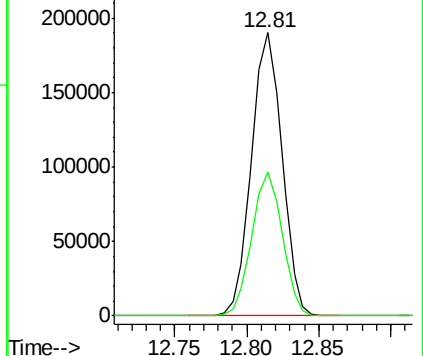
105 100

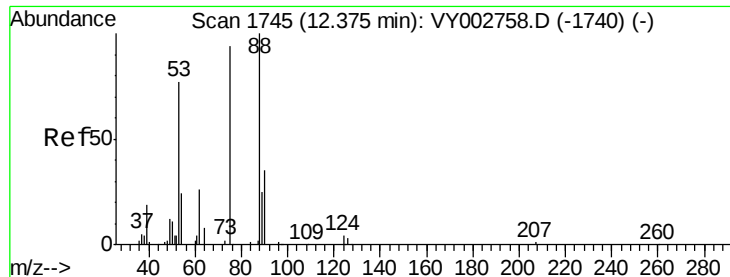
120 50.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.85 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

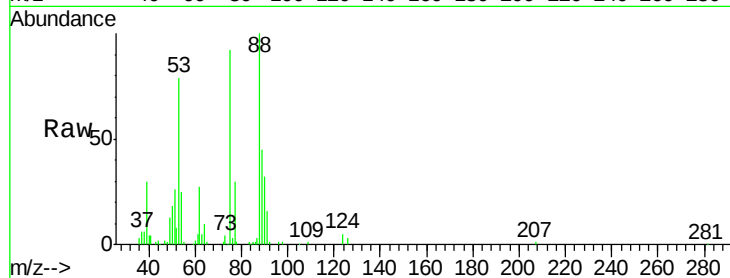
Tgt Ion: 75 Resp: 23117

Ion Ratio Lower Upper

75 100

53 81.2 64.0 96.0

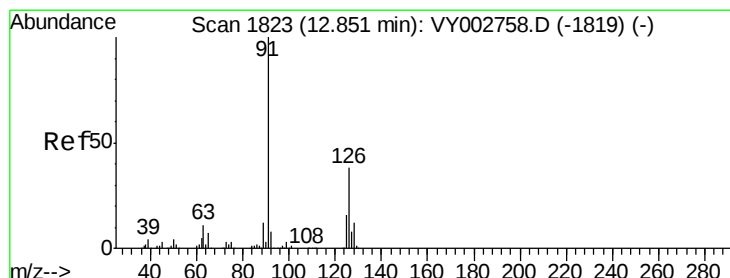
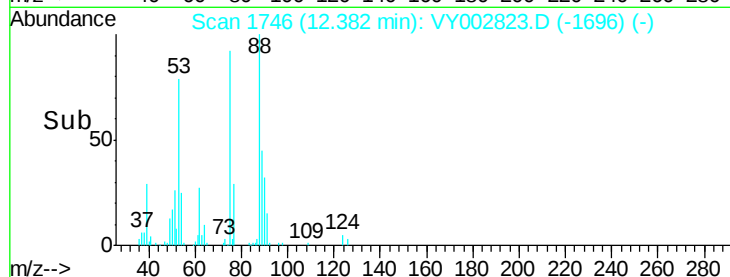
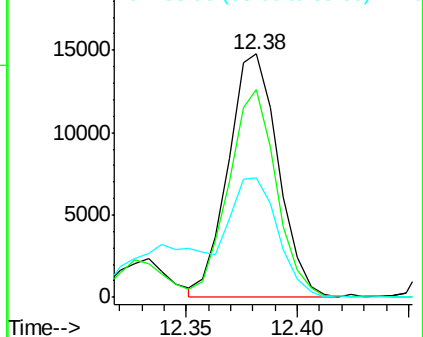
89 46.4 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.53 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002823.D

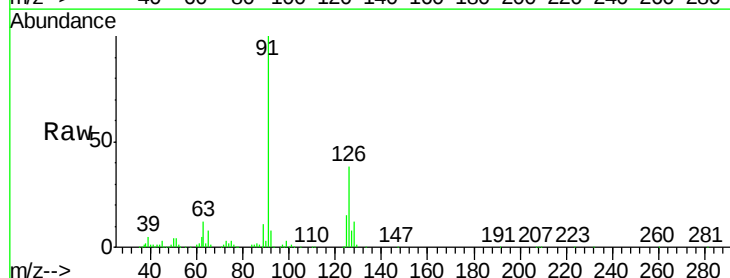
Acq: 03 Jun 2020 11:18

Tgt Ion: 91 Resp: 228021

Ion Ratio Lower Upper

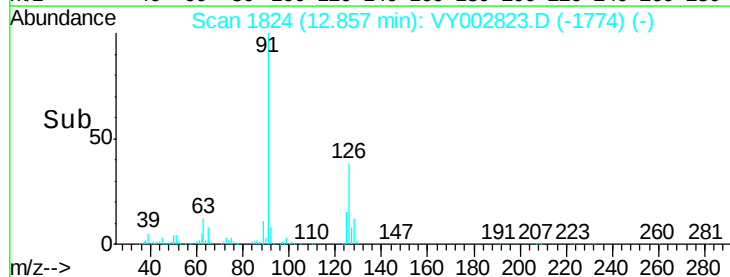
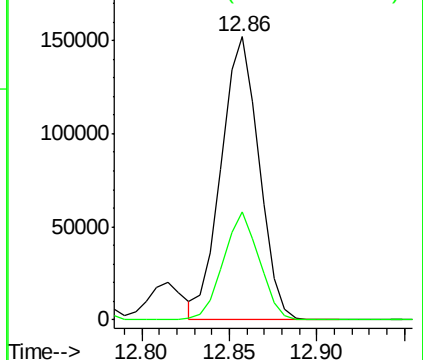
91 100

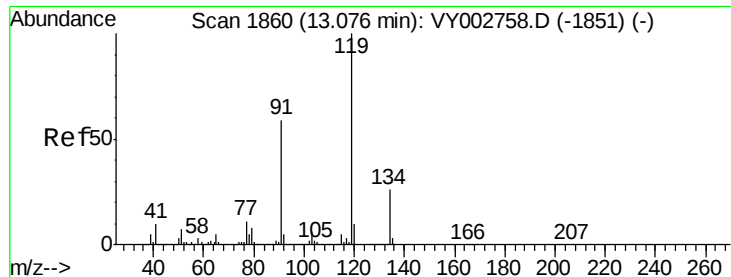
126 36.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

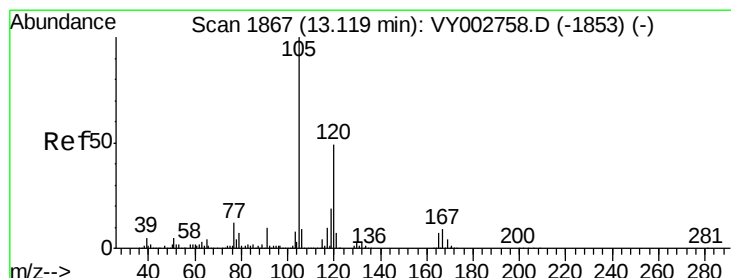
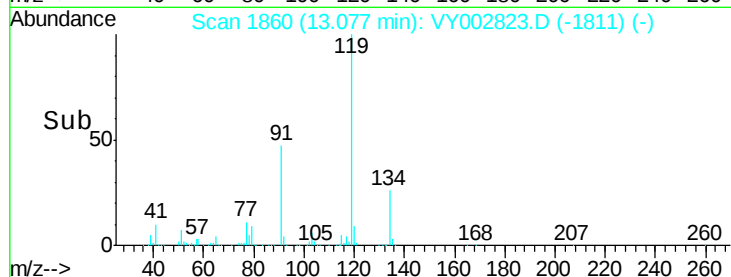
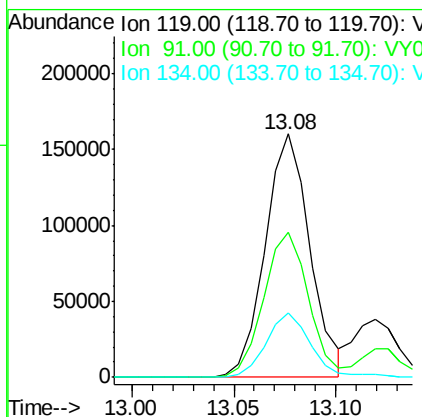
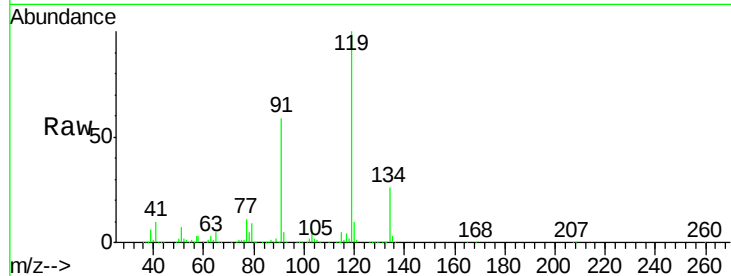




#83
 tert-Butylbenzene
 Concen: 21.13 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

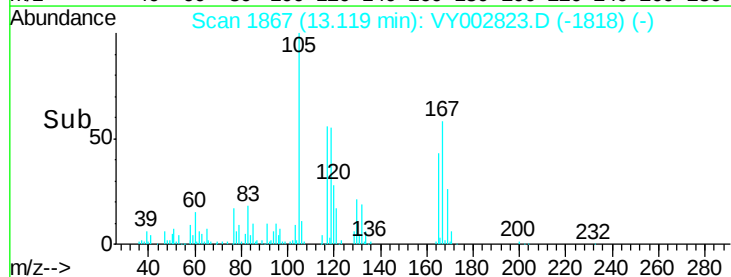
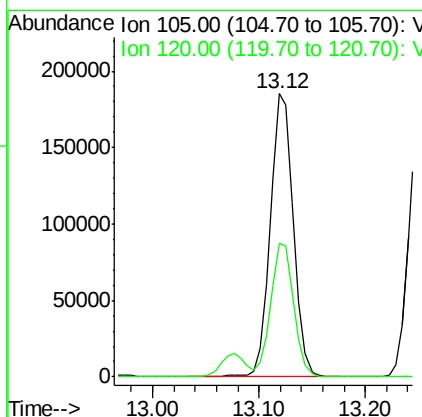
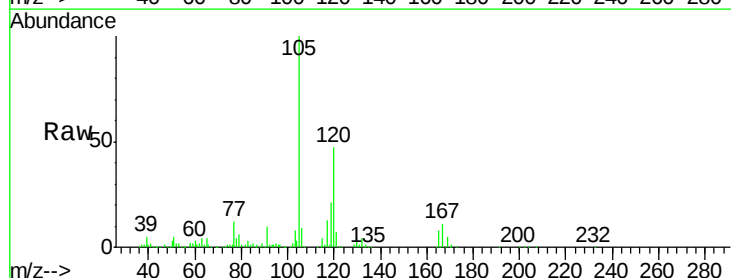
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

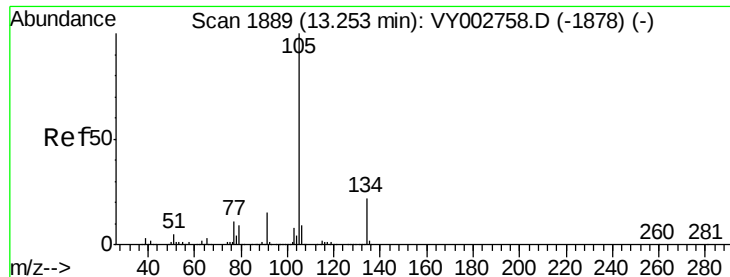
Tgt Ion:119 Resp: 245487
 Ion Ratio Lower Upper
 119 100
 91 59.5 29.8 89.4
 134 26.9 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.35 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

Tgt Ion:105 Resp: 279624
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.35 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

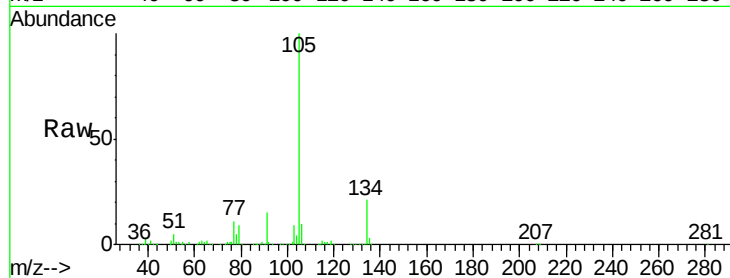
VY0603SBS01

Tgt Ion:105 Resp: 339258

Ion Ratio Lower Upper

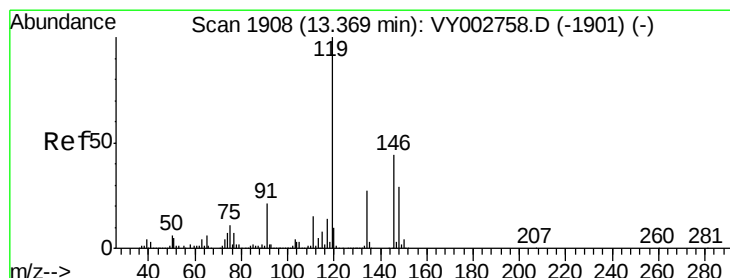
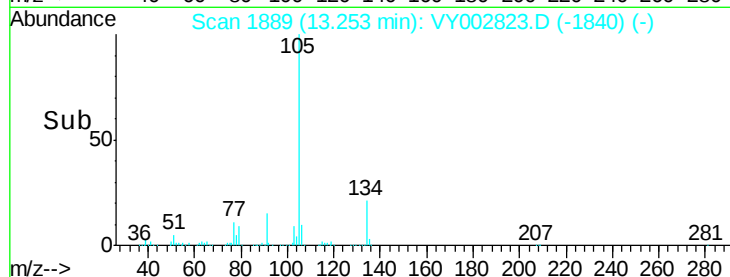
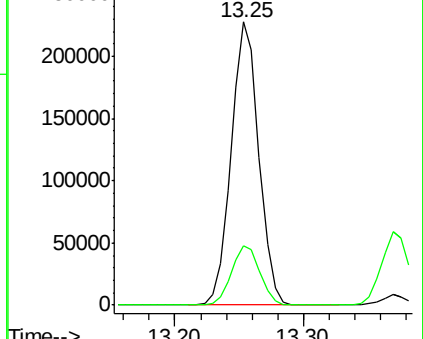
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.47 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002823.D

Acq: 03 Jun 2020 11:18

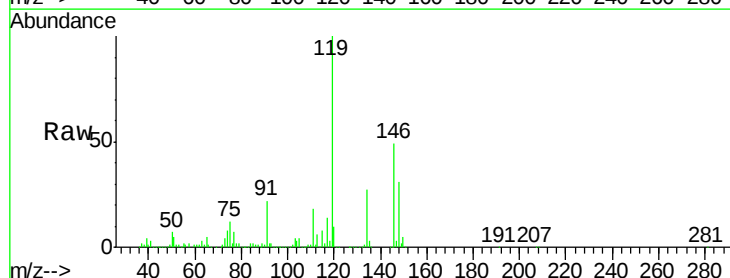
Tgt Ion:119 Resp: 317443

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

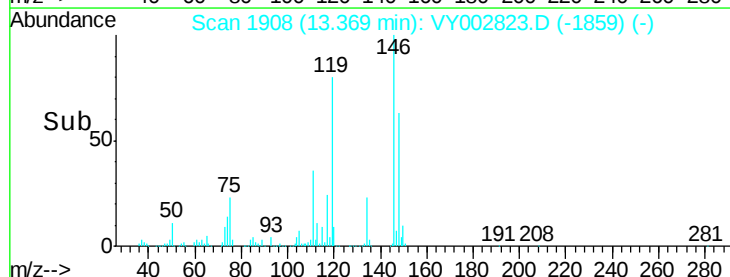
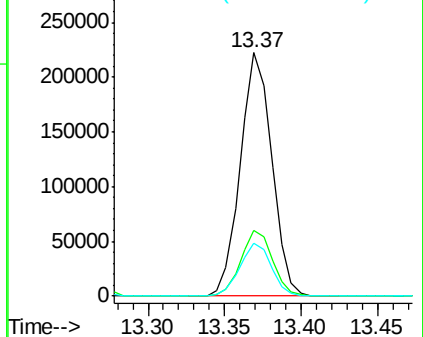
91 21.6 10.8 32.4

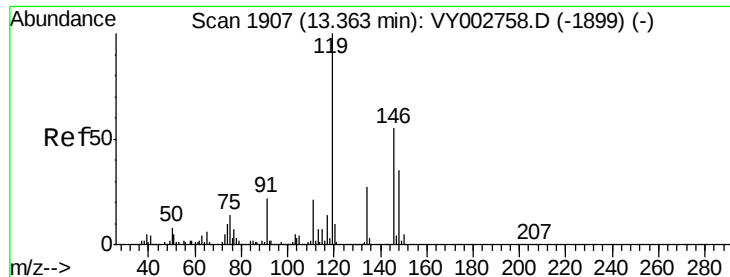


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

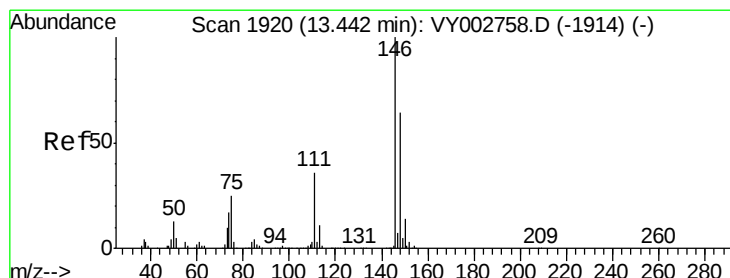
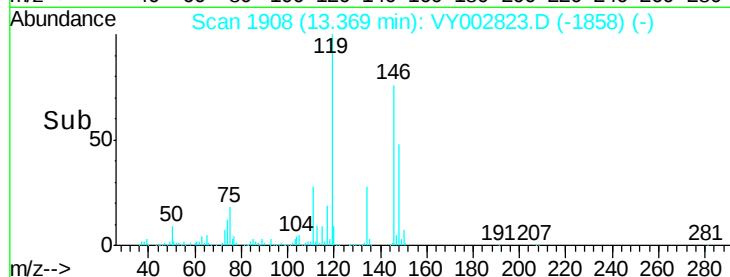
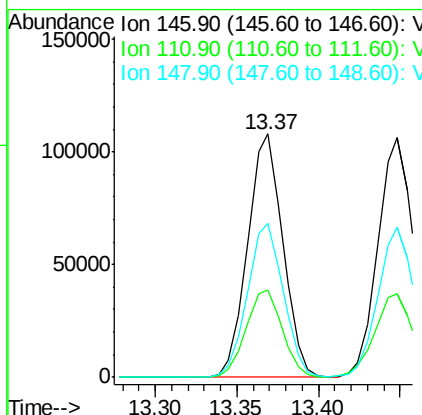
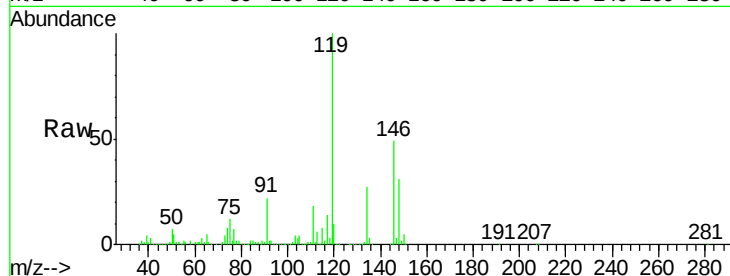




#87
 1,3-Dichlorobenzene
 Concen: 21.17 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.06 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002823.D
 Acq: 03 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.3
148	63.6	32.1	96.3

