

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061020\
 Data File : VY002875.D
 Acq On : 10 Jun 2020 11:43
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Quant Time: Jun 11 02:19:17 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	282828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	420337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	391726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216719	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	119972	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
35) Dibromofluoromethane	7.72	113	122791	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	10.18	98	481710	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.48	95	167973	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	37865	19.457	ug/l	97
3) Chloromethane	2.12	50	42233	19.620	ug/l	98
4) Vinyl Chloride	2.26	62	46380	20.385	ug/l	99
5) Bromomethane	2.65	94	35963	21.093	ug/l	98
6) Chloroethane	2.80	64	31087	21.077	ug/l	99
7) Trichlorofluoromethane	3.13	101	87468	21.706	ug/l	98
8) Diethyl Ether	3.54	74	31383	19.946	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51952	21.714	ug/l	98
10) Methyl Iodide	4.10	142	68792	20.549	ug/l	99
11) Tert butyl alcohol	4.96	59	31340	111.673	ug/l	98
12) 1,1-Dichloroethene	3.88	96	51032	21.210	ug/l	98
13) Acrolein	3.74	56	22471	78.083	ug/l	98
14) Allyl chloride	4.49	41	74072	21.465	ug/l	99
15) Acrylonitrile	5.18	53	76915	108.357	ug/l	99
16) Acetone	3.96	43	62317	108.220	ug/l	99
17) Carbon Disulfide	4.20	76	147236	20.250	ug/l	100
18) Methyl Acetate	4.48	43	36977	25.109	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	143177	21.555	ug/l	99
20) Methylene Chloride	4.72	84	65480	23.269	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	57367	21.201	ug/l	98
22) Diisopropyl ether	6.13	45	156389	21.808	ug/l	93
23) Vinyl Acetate	6.07	43	507121	107.112	ug/l	100
24) 1,1-Dichloroethane	6.03	63	90248	21.514	ug/l	98
25) 2-Butanone	7.00	43	96894	108.001	ug/l	100
26) 2,2-Dichloropropane	6.99	77	86307	21.453	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	64359	21.247	ug/l	98
28) Bromochloromethane	7.34	49	39745	23.080	ug/l	100
29) Tetrahydrofuran	7.36	42	62898	107.782	ug/l	99
30) Chloroform	7.52	83	95844	21.531	ug/l	94
31) Cyclohexane	7.78	56	85541	20.538	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	87633	21.126	ug/l	99
36) 1,1-Dichloropropene	7.92	75	74715	21.101	ug/l	99
37) Ethyl Acetate	7.08	43	42315	21.965	ug/l	99
38) Carbon Tetrachloride	7.91	117	82753	21.038	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	97537	20.899	ug/l	98
40) Benzene	8.16	78	222708	21.287	ug/l	100
41) Methacrylonitrile	7.34	41	29405m	28.412	ug/l	
42) 1,2-Dichloroethane	8.24	62	62926	21.461	ug/l	99
43) Isopropyl Acetate	8.28	43	78571	21.522	ug/l	100
44) Trichloroethene	8.94	130	68158	20.624	ug/l	95
45) 1,2-Dichloropropane	9.22	63	53230	21.216	ug/l	94
46) Dibromomethane	9.31	93	31755	21.311	ug/l	99
47) Bromodichloromethane	9.50	83	74841	21.305	ug/l	99
48) Methyl methacrylate	9.30	41	34550	20.965	ug/l	99
49) 1,4-Dioxane	9.31	88	9314	407.092	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	215727	111.595	ug/l	100
52) Toluene	10.24	92	144804	21.157	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	82837	21.590	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	91980	21.157	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	48637	21.321	ug/l	95
56) Ethyl methacrylate	10.51	69	64901	21.241	ug/l	99
57) 1,3-Dichloropropane	10.79	76	81513	21.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	163450	109.477	ug/l	100
59) 2-Hexanone	10.83	43	149121	108.720	ug/l	99
60) Dibromochloromethane	10.99	129	62493	21.608	ug/l	100
61) 1,2-Dibromoethane	11.09	107	48042	21.349	ug/l	99
64) Tetrachloroethene	10.72	164	72537	20.374	ug/l	98
65) Chlorobenzene	11.52	112	163297	21.091	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	62613	21.472	ug/l	99
67) Ethyl Benzene	11.59	91	283506	21.122	ug/l	99
68) m/p-Xylenes	11.70	106	220781	42.424	ug/l	100
69) o-Xylene	12.03	106	106276	21.632	ug/l	99
70) Styrene	12.04	104	183117	21.501	ug/l	99
71) Bromoform	12.20	173	41746	21.395	ug/l #	98
73) Isopropylbenzene	12.33	105	286410	20.622	ug/l	100
74) N-amyl acetate	12.14	43	73861	20.727	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	53244	21.850	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	40981m	20.986	ug/l	
77) Bromobenzene	12.61	156	75776	20.954	ug/l	98
78) n-propylbenzene	12.67	91	331466	20.662	ug/l	99
79) 2-Chlorotoluene	12.75	91	185368	20.599	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	241886	20.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22310	21.524	ug/l #	86
82) 4-Chlorotoluene	12.85	91	195108	20.694	ug/l	99
83) tert-Butylbenzene	13.08	119	216722	20.952	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	247568	21.232	ug/l	99
85) sec-Butylbenzene	13.25	105	298030	21.072	ug/l	100
86) p-Isopropyltoluene	13.37	119	279929	21.271	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	143865	21.002	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	142517	20.798	ug/l	98
89) n-Butylbenzene	13.69	91	253315	21.201	ug/l	99
90) Hexachloroethane	13.96	117	52604	21.351	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	131832	21.221	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9870	21.053	ug/l	98

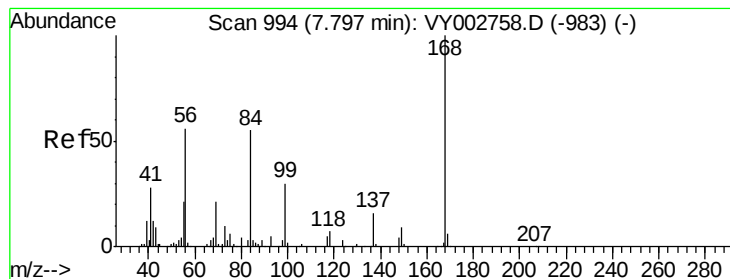
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	99274	21.201	ug/l	97
94) Hexachlorobutadiene	15.11	225	57734	21.739	ug/l	99
95) Naphthalene	15.23	128	197407	21.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	90293	21.594	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

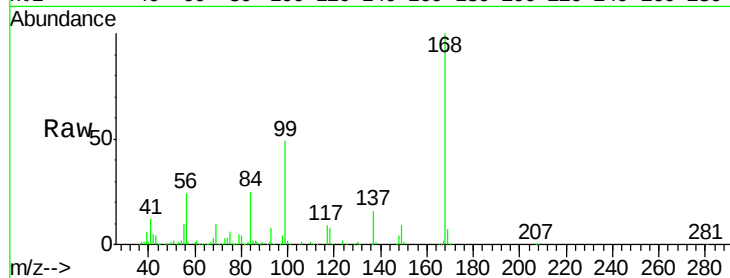
VY0610SBS01

Tot Ion:168 Resp: 282828

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002875.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002875.D (-945) (-)

7.80

150000

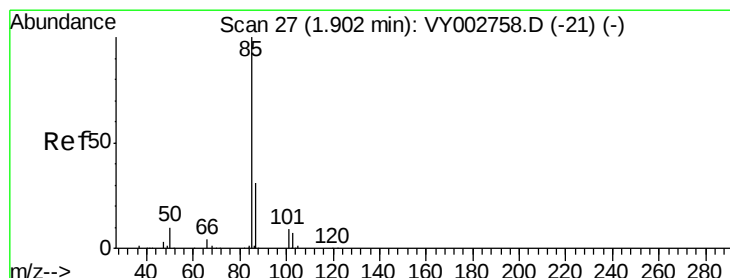
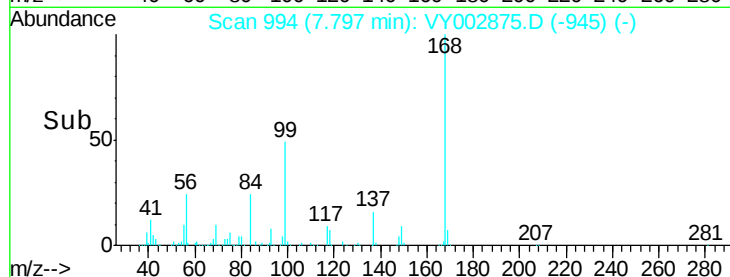
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.457 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002875.D

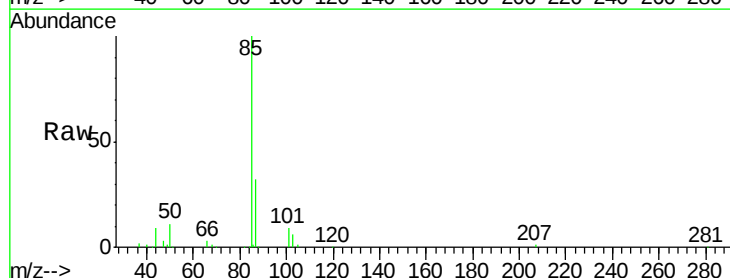
Acq: 10 Jun 2020 11:43

Tgt Ion: 85 Resp: 37865

Ion Ratio Lower Upper

85 100

87 32.4 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002875.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002875.D (-1) (-)

1.91

30000

25000

20000

15000

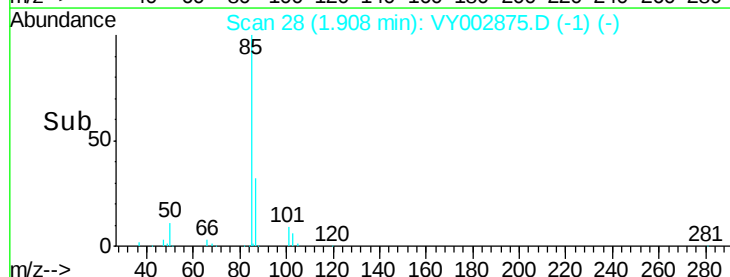
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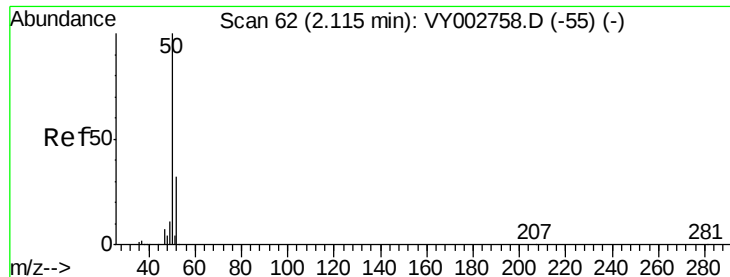
5000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.620 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

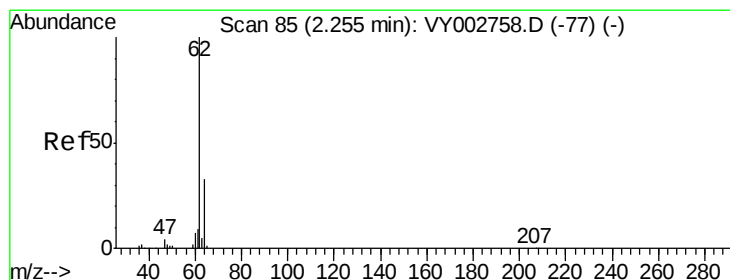
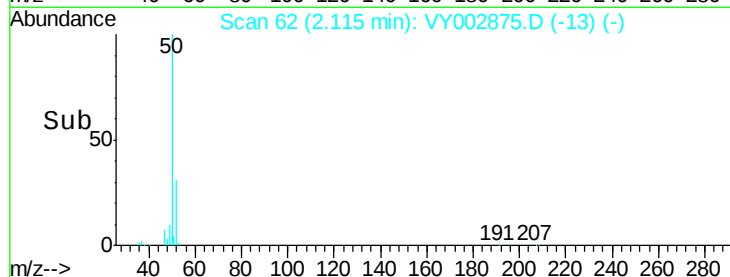
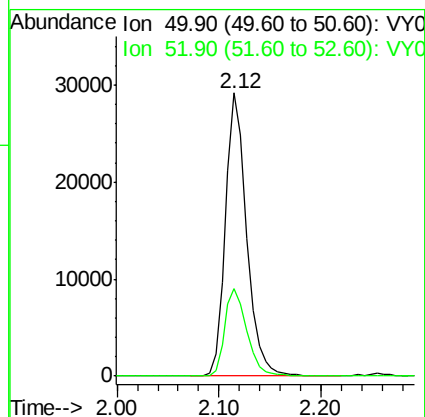
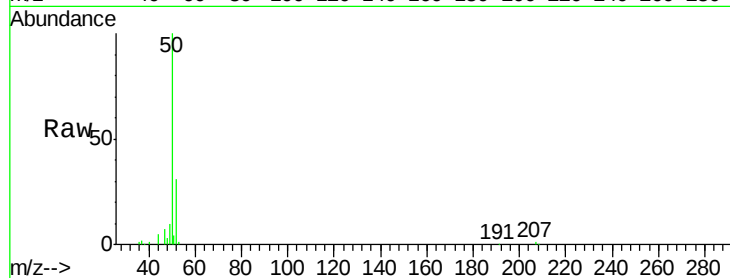
VY0610SBSD01

Tot Ion: 50 Resp: 42233

Ion Ratio Lower Upper

50 100

52 30.9 25.8 38.6



#4

Vinyl Chloride

Concen: 20.385 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002875.D

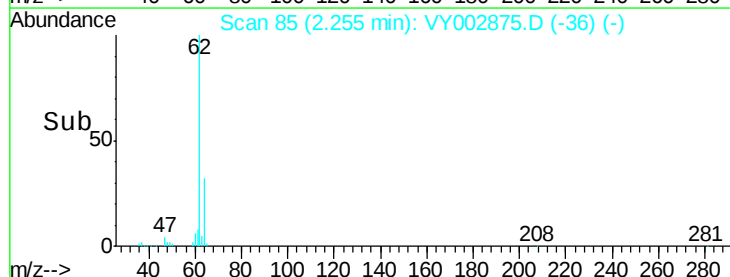
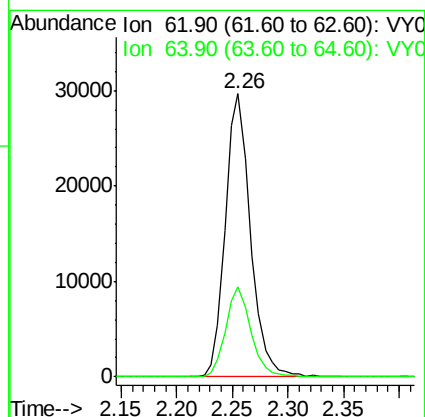
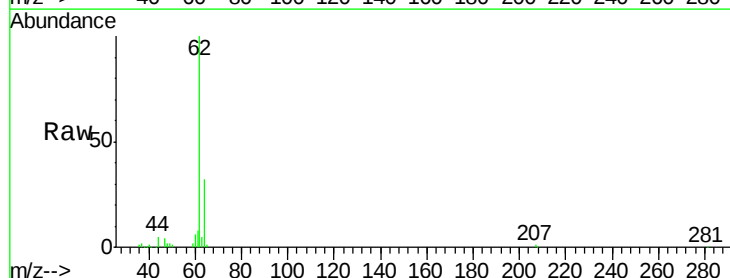
Acq: 10 Jun 2020 11:43

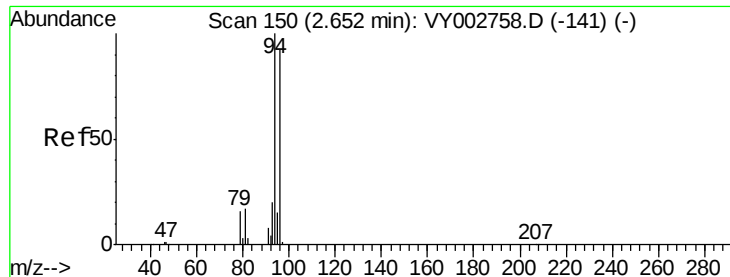
Tgt Ion: 62 Resp: 46380

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1





#5

Bromomethane

Concen: 21.093 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

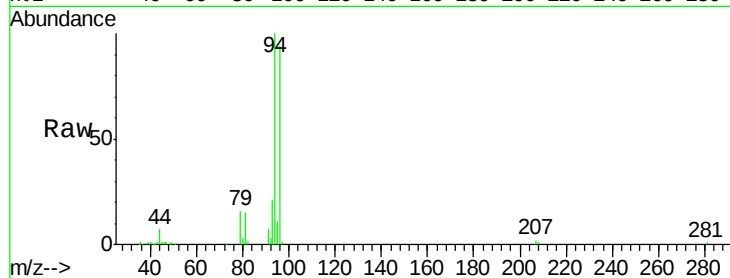
VY0610SBS01

Tot Ion: 94 Resp: 35963

Ion Ratio Lower Upper

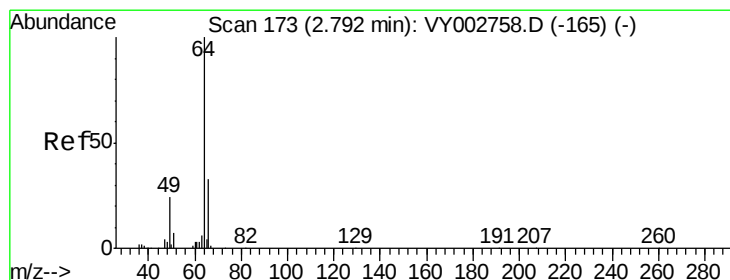
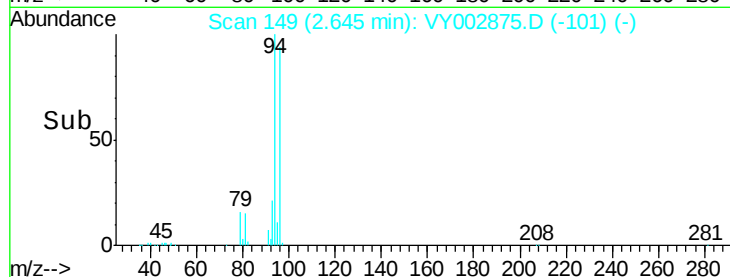
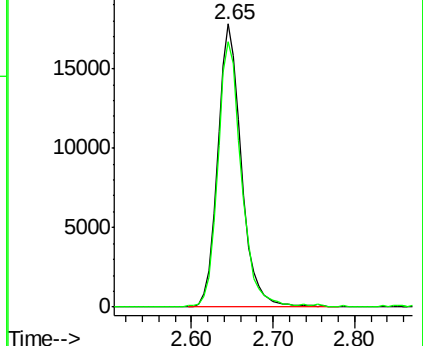
94 100

96 93.9 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: 21.077 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002875.D

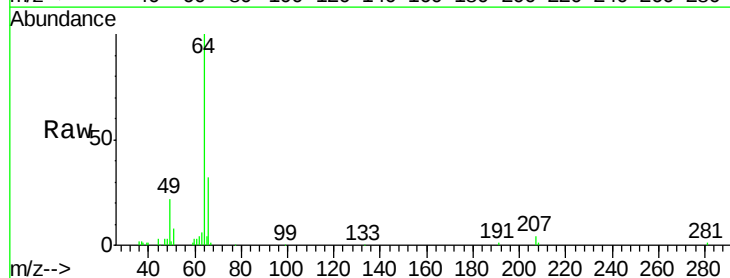
Acq: 10 Jun 2020 11:43

Tgt Ion: 64 Resp: 31087

Ion Ratio Lower Upper

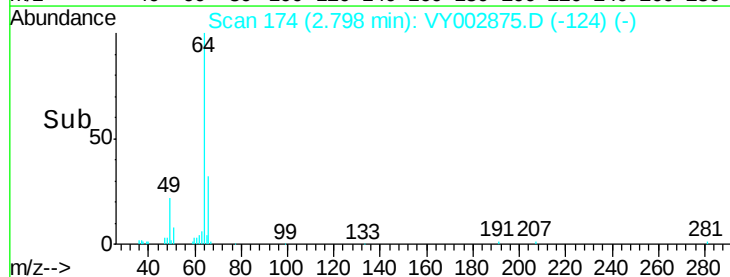
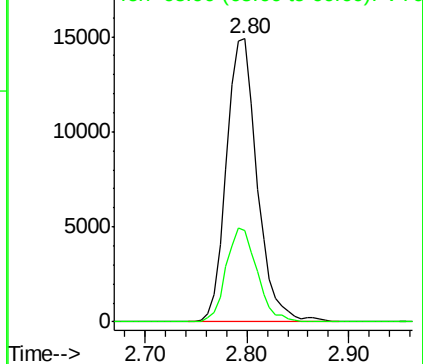
64 100

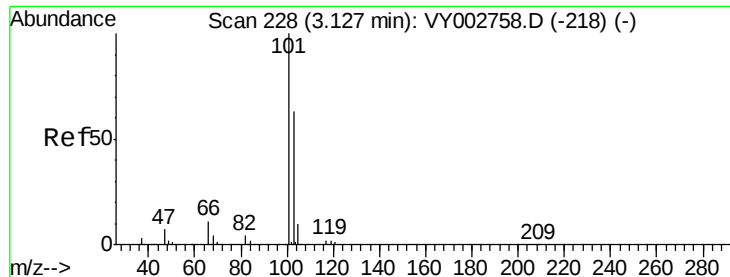
66 32.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



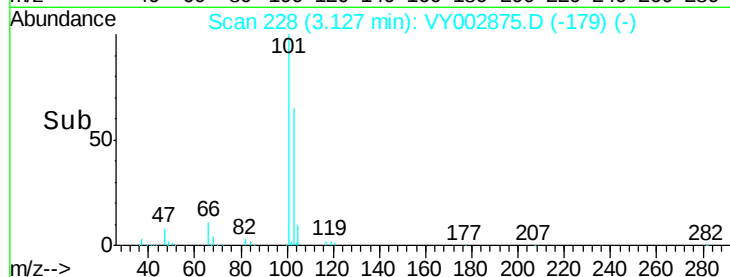
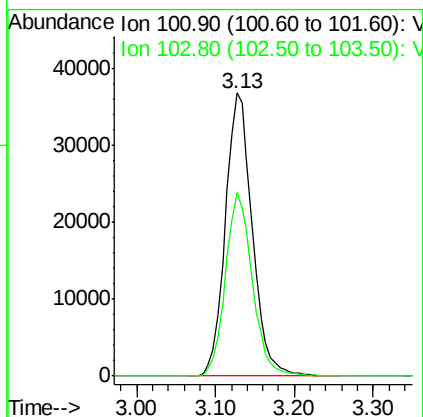
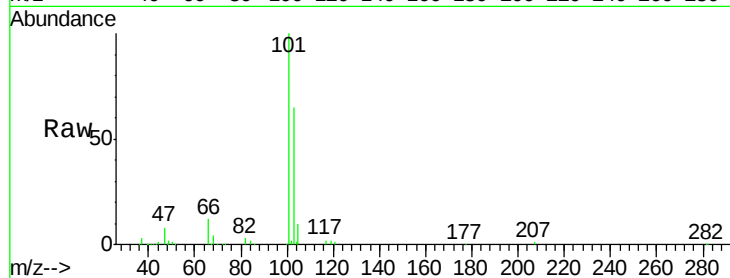


#7

Trichlorofluoromethane
 Concen: 21.706 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

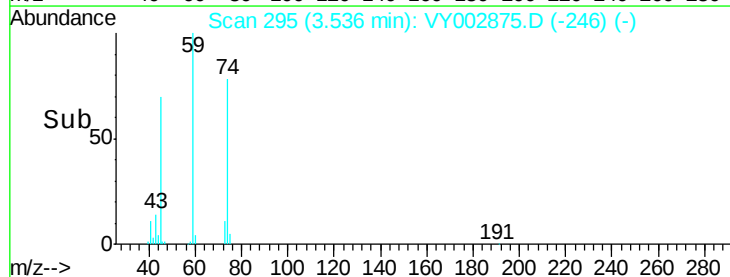
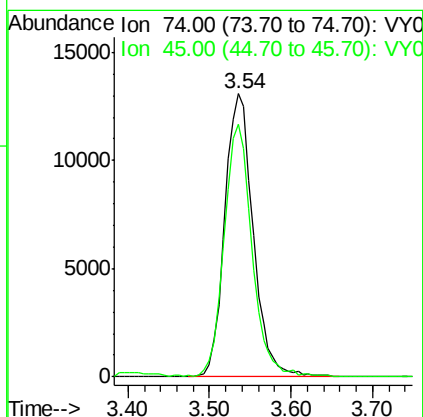
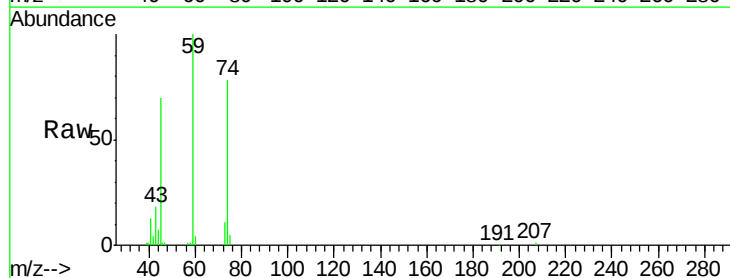
Tot Ion:101 Resp: 87468
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.6 76.0

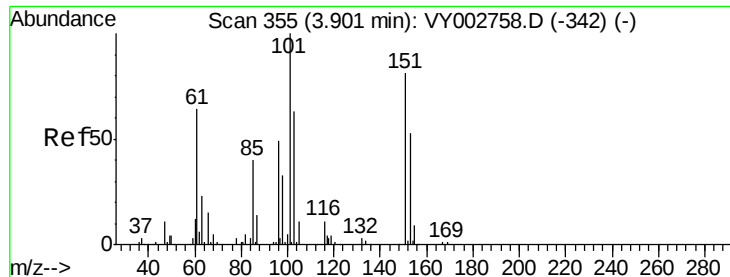


#8

Diethyl Ether
 Concen: 19.946 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion: 74 Resp: 31383
 Ion Ratio Lower Upper
 74 100
 45 88.4 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.714 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

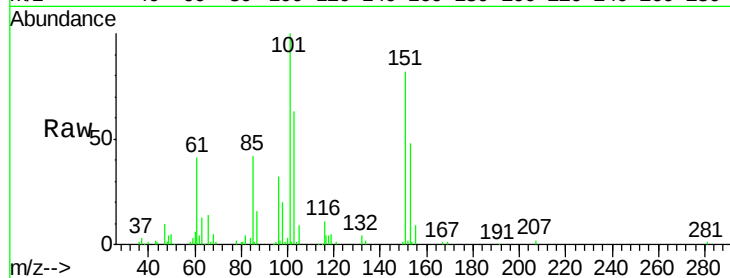
Tot Ion:101 Resp: 51952

Ion Ratio Lower Upper

101 100

85 43.0 32.7 49.1

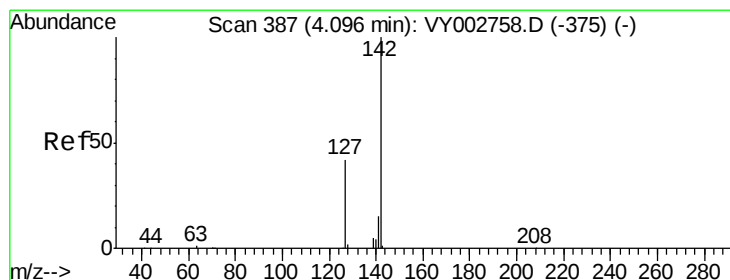
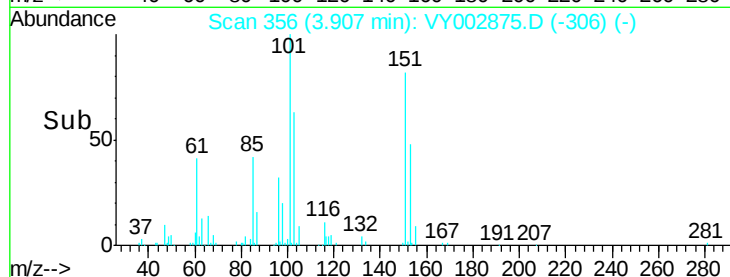
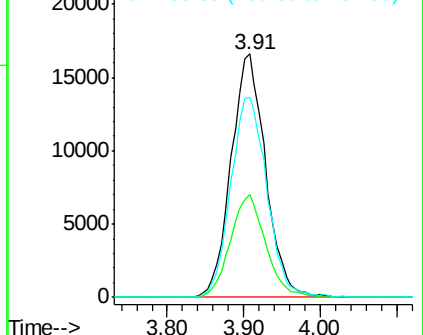
151 86.4 68.0 102.0



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: 20.549 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

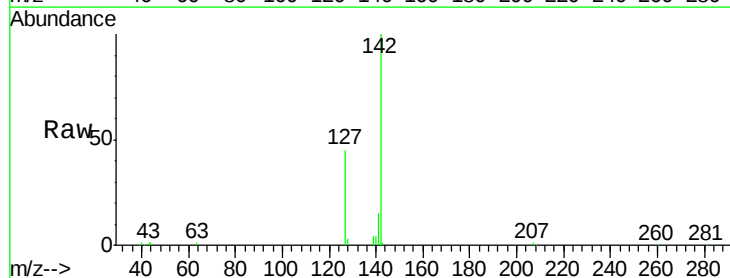
Tgt Ion:142 Resp: 68792

Ion Ratio Lower Upper

142 100

127 42.1 33.3 49.9

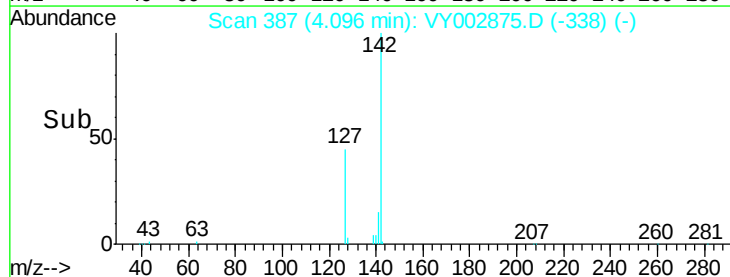
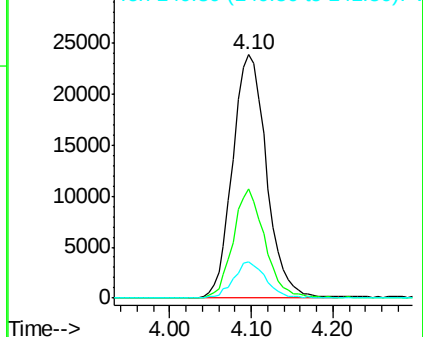
141 14.2 11.5 17.3

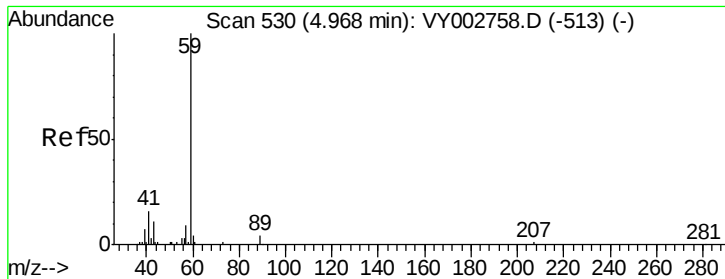


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



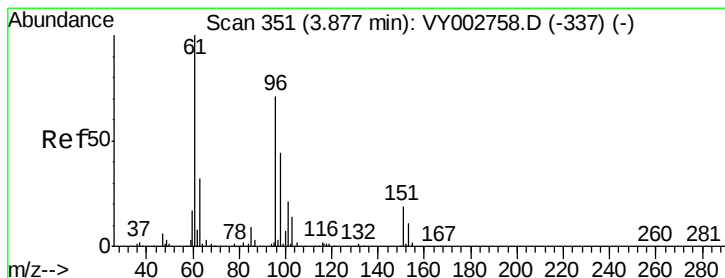
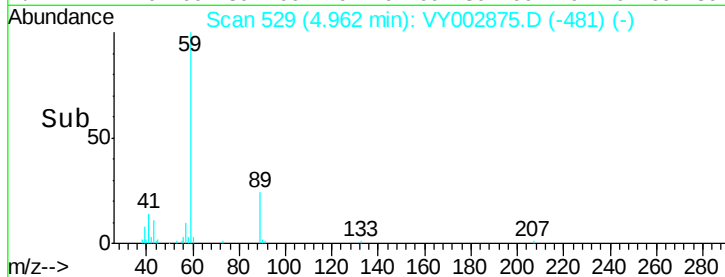
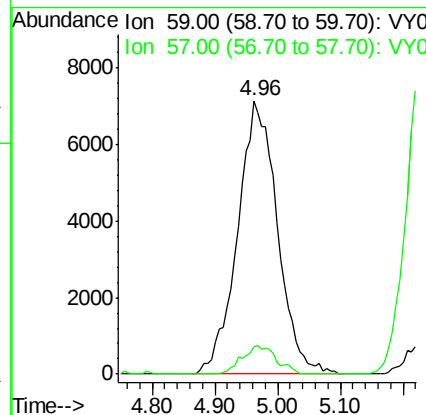
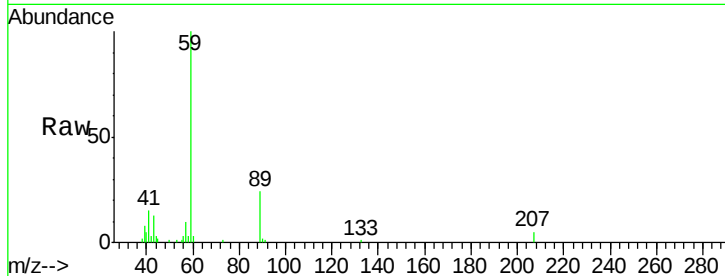


#11

Tert butyl alcohol
 Concen: 111.673 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

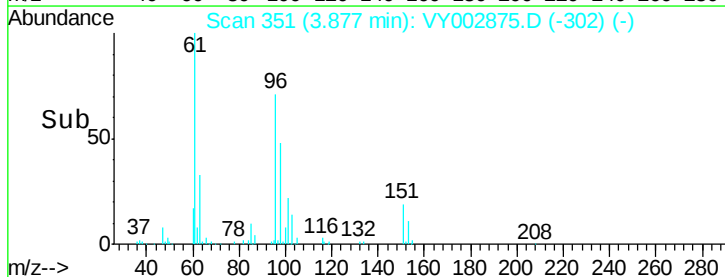
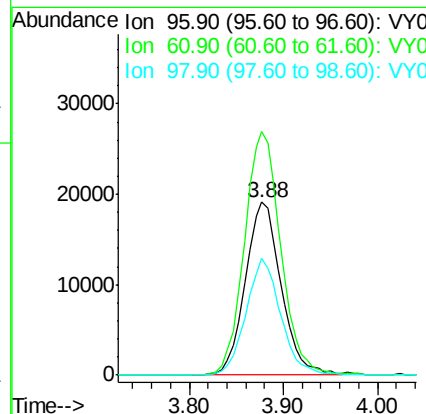
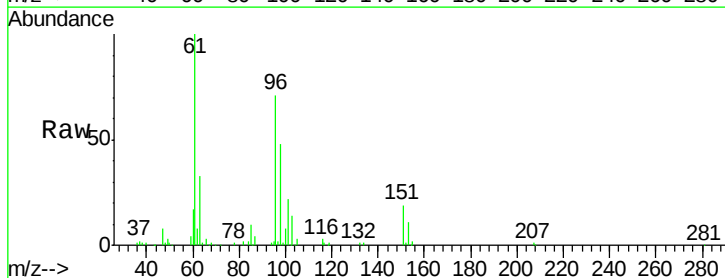
Tot Ion: 59 Resp: 31340
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.7 11.5

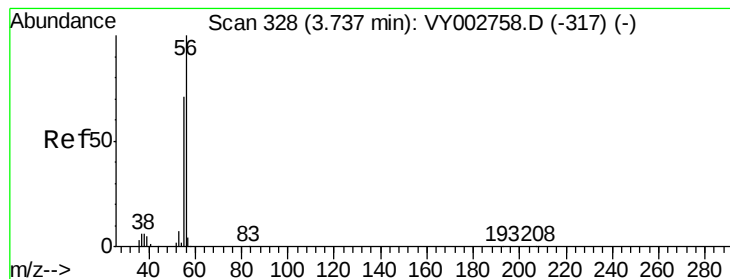


#12

1,1-Dichloroethene
 Concen: 21.210 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion: 96 Resp: 51032
 Ion Ratio Lower Upper
 96 100
 61 140.9 112.6 168.8
 98 67.9 50.0 75.0





#13

Acrolein

Concen: 78.083 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

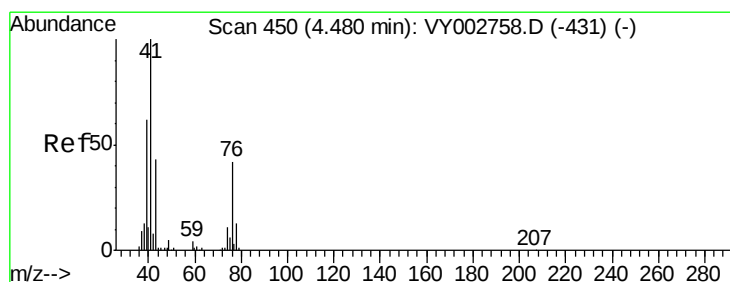
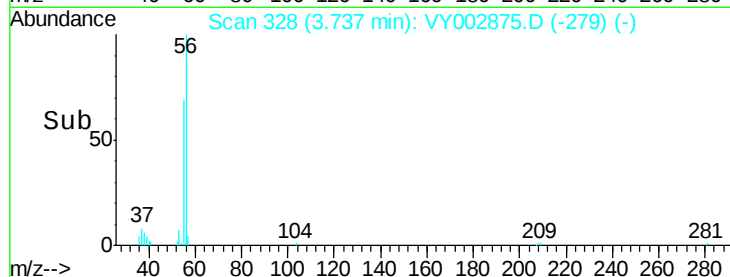
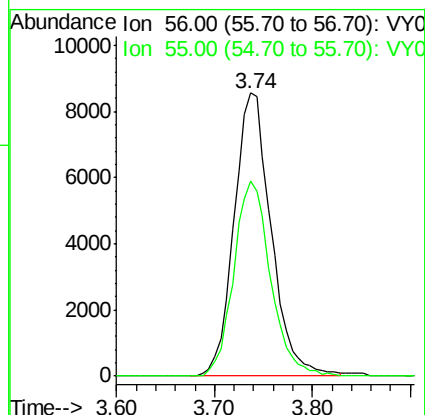
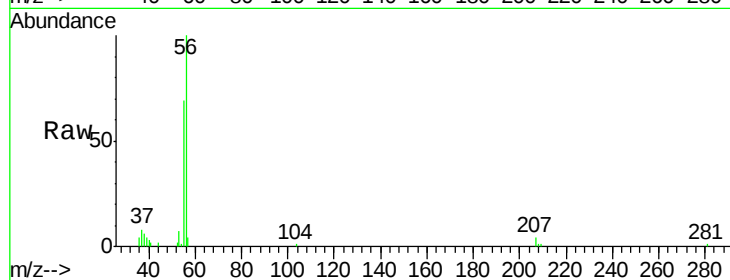
VY0610SBS01

Tot Ion: 56 Resp: 22471

Ion Ratio Lower Upper

56 100

55 68.4 56.0 84.0



#14

Allyl chloride

Concen: 21.465 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

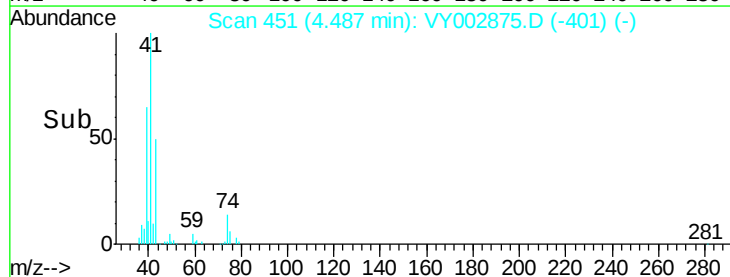
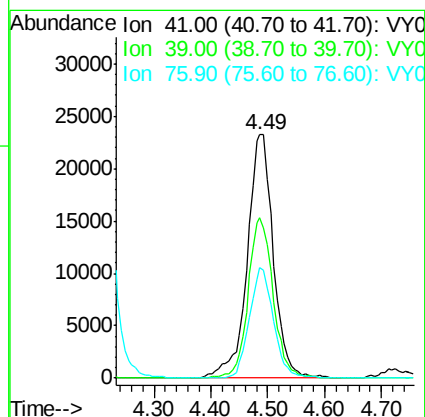
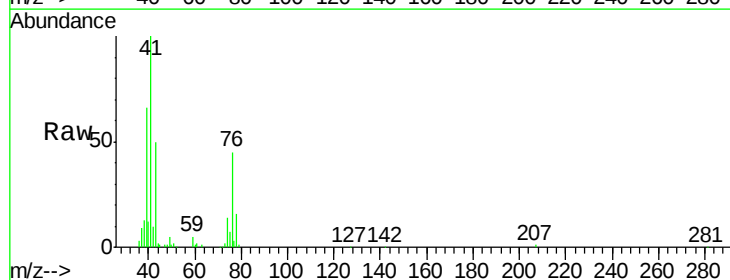
Tgt Ion: 41 Resp: 74072

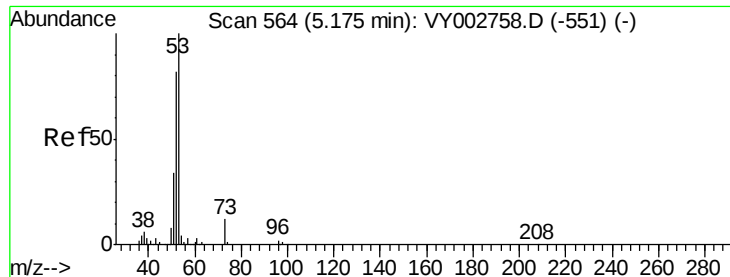
Ion Ratio Lower Upper

41 100

39 63.4 49.9 74.9

76 41.7 33.2 49.8





#15

Acrylonitrile

Concen: 108.357 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

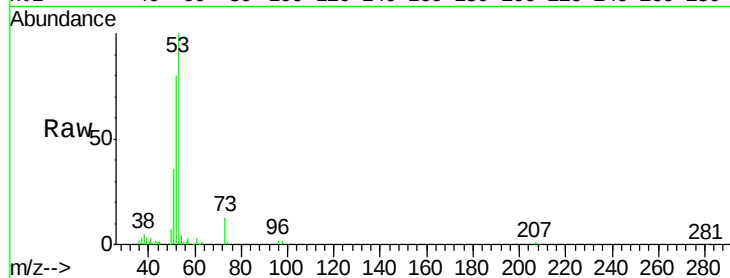
Tot Ion: 53 Resp: 76915

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

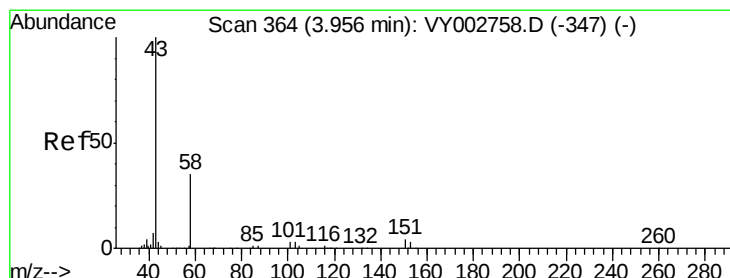
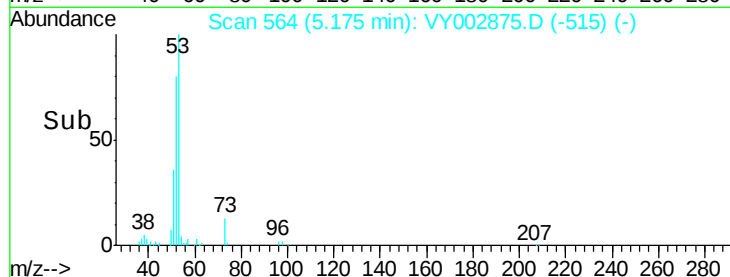
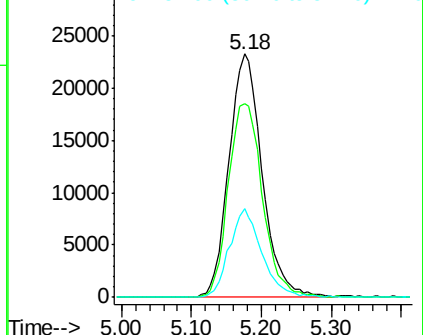
51 35.5 28.0 42.0



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: 108.220 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002875.D

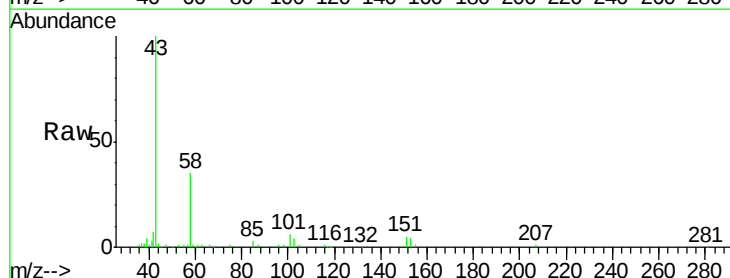
Acq: 10 Jun 2020 11:43

Tgt Ion: 43 Resp: 62317

Ion Ratio Lower Upper

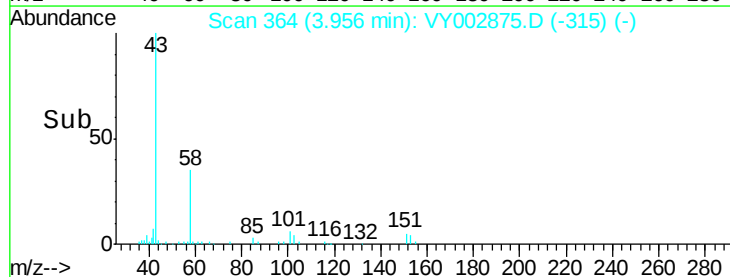
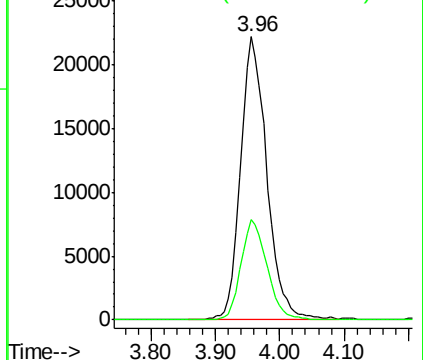
43 100

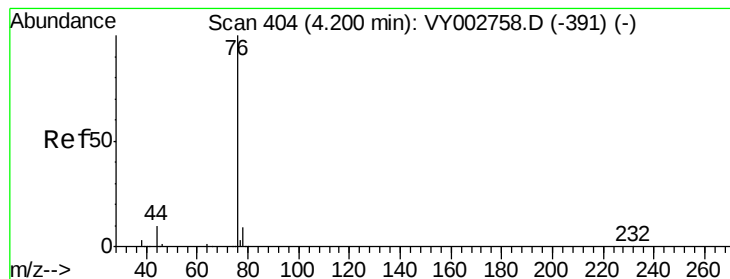
58 35.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.250 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

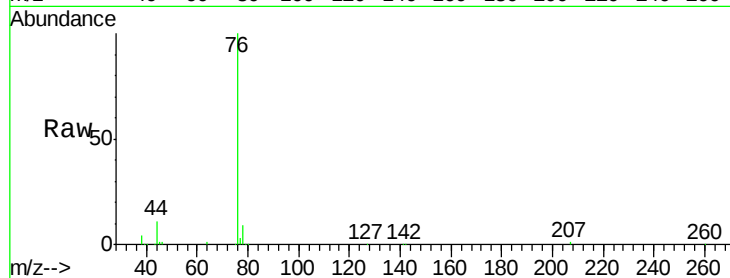
VY0610SBS01

Tot Ion: 76 Resp: 147236

Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

60000

50000

40000

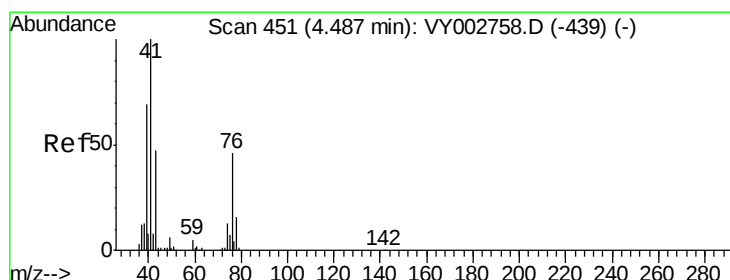
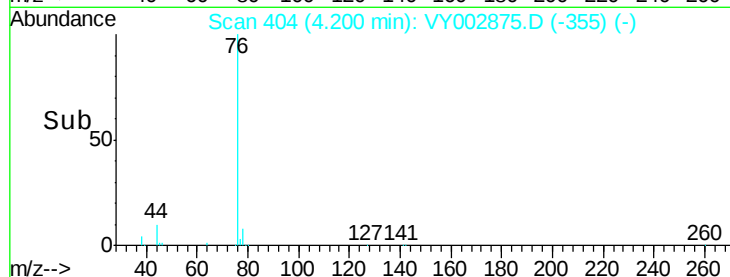
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 25.109 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002875.D

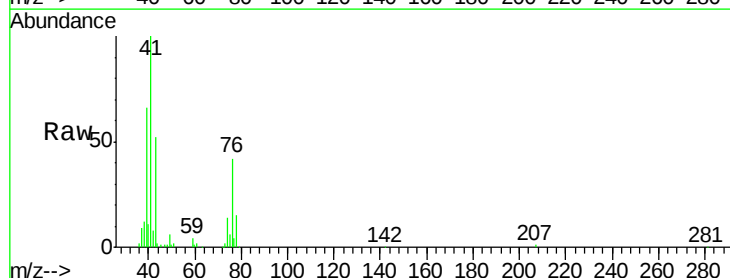
Acq: 10 Jun 2020 11:43

Tgt Ion: 43 Resp: 36977

Ion Ratio Lower Upper

43 100

74 27.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

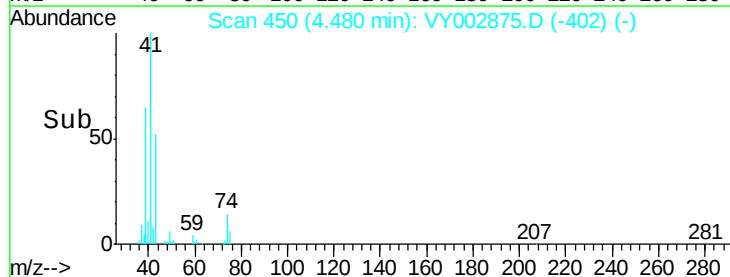
4.48

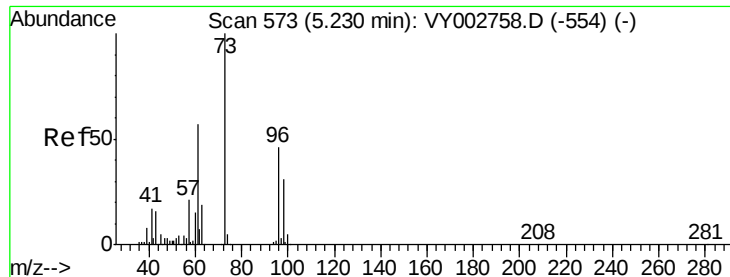
10000

5000

0

Time-->



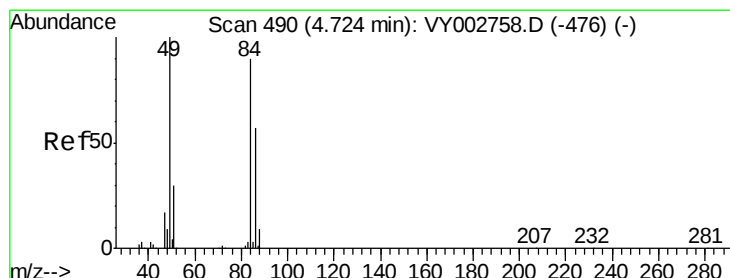
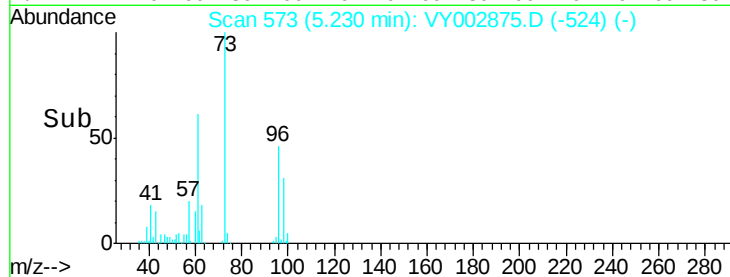
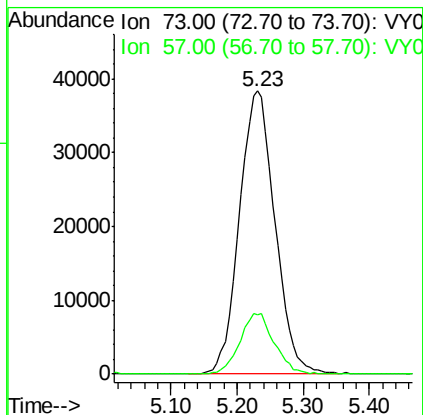
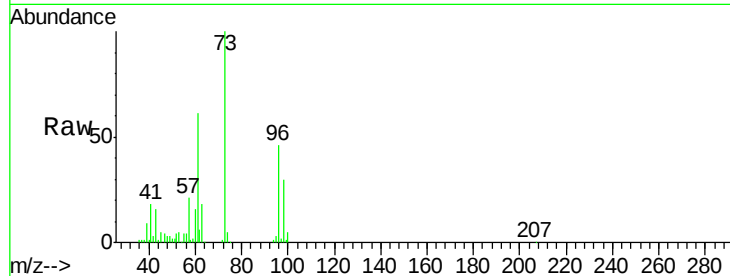


#19

Methyl tert-butyl Ether
 Concen: 21.555 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

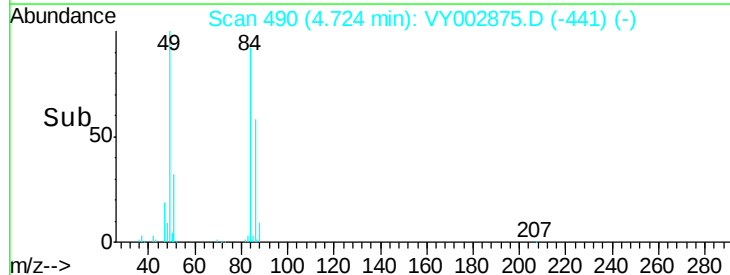
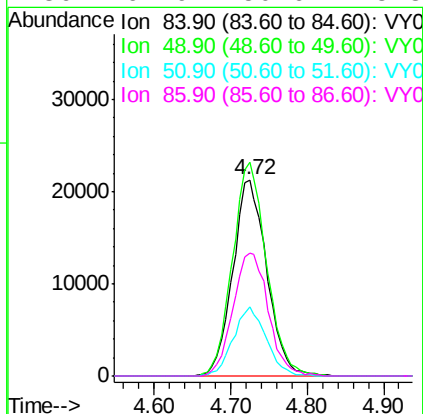
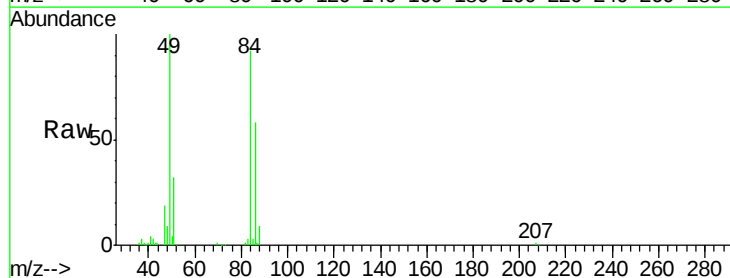
Tot Ion: 73 Resp: 143177
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.0 25.4

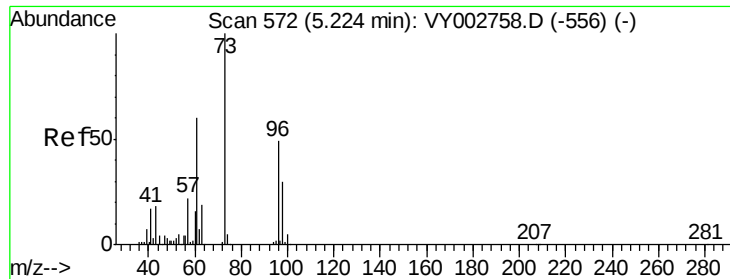


#20

Methylene Chloride
 Concen: 23.269 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion: 84 Resp: 65480
 Ion Ratio Lower Upper
 84 100
 49 109.0 88.5 132.7
 51 35.0 26.8 40.2
 86 62.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.201 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

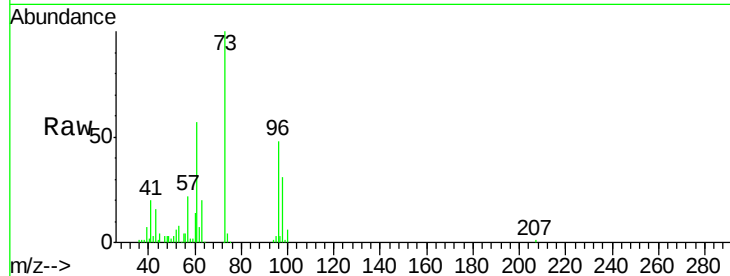
Tot Ion: 96 Resp: 57367

Ion Ratio Lower Upper

96 100

61 120.6 96.8 145.2

98 65.2 49.4 74.0

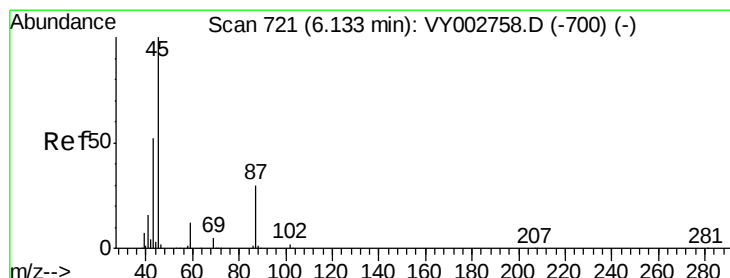
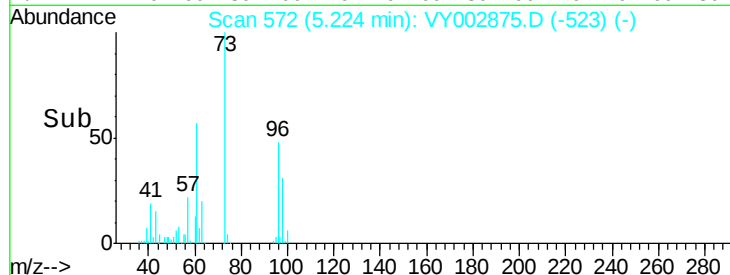
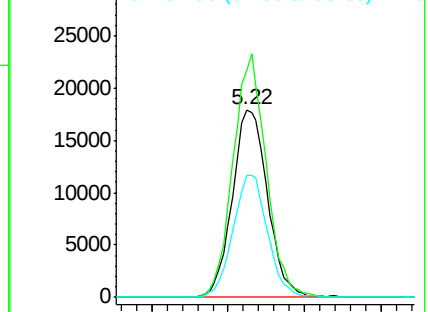


Abundance

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: 21.808 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Tgt Ion: 45 Resp: 156389

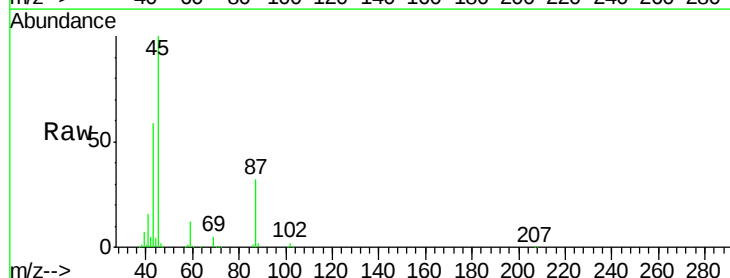
Ion Ratio Lower Upper

45 100

43 58.9 41.7 62.5

87 32.3 24.2 36.2

59 12.1 9.8 14.8



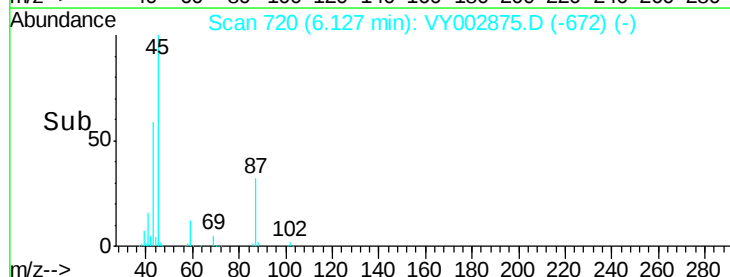
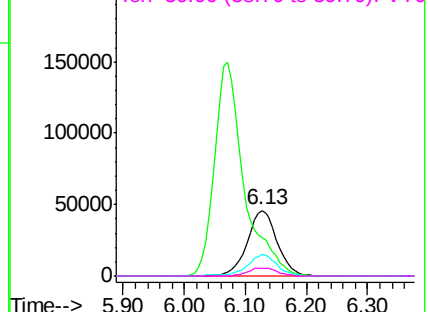
Abundance

Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

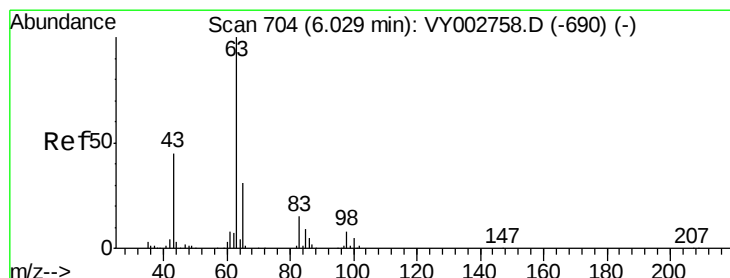
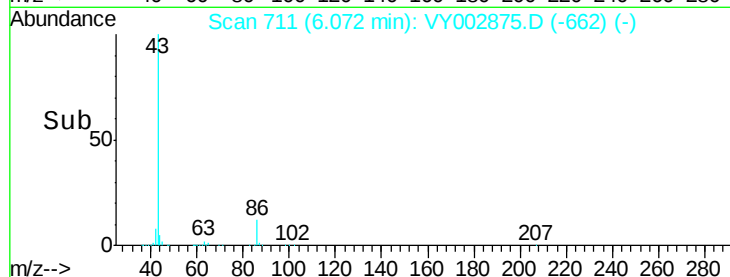
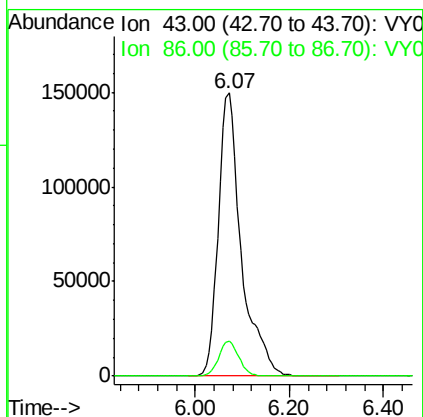
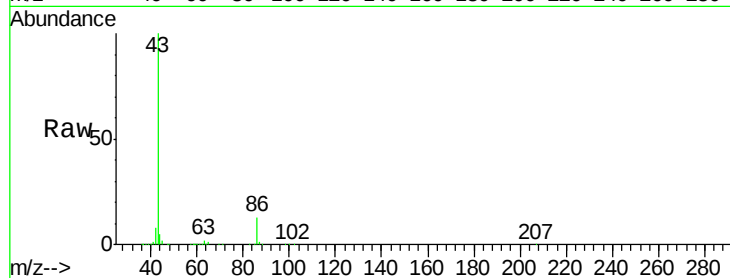




#23
 Vinyl Acetate
 Concen: 107.112 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

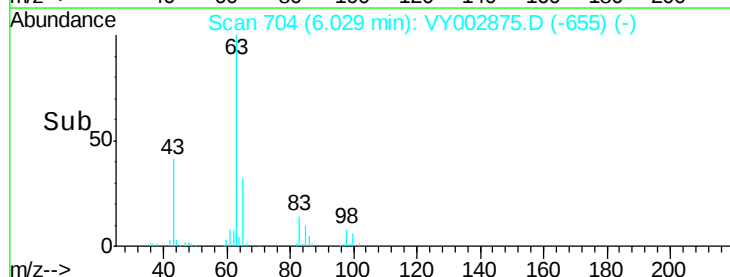
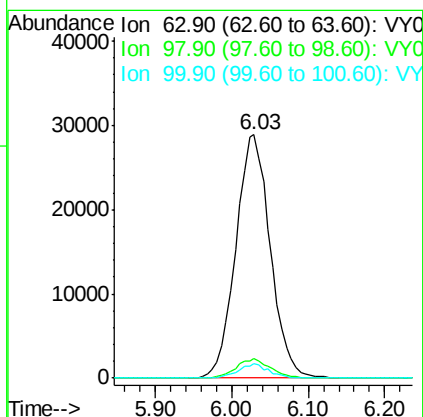
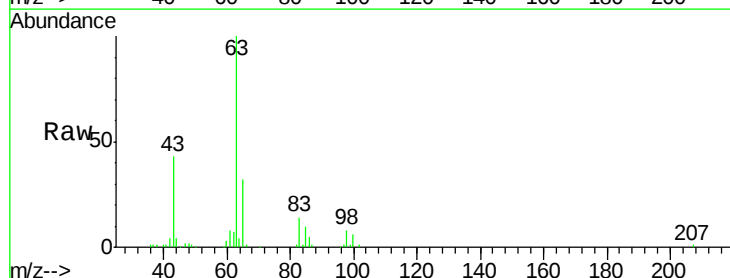
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBSD01

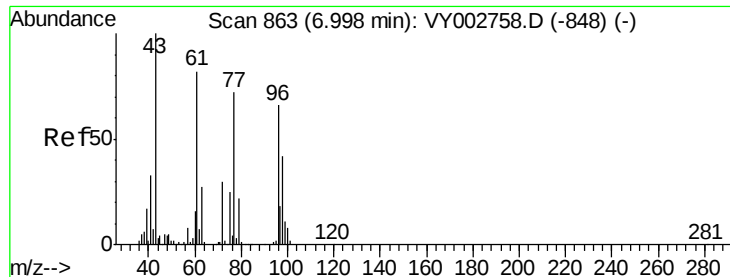
Tot Ion: 43 Resp: 507121
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 21.514 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion: 63 Resp: 90248
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 6.1 2.4 7.1





#25

2-Butanone

Concen: 108.001 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

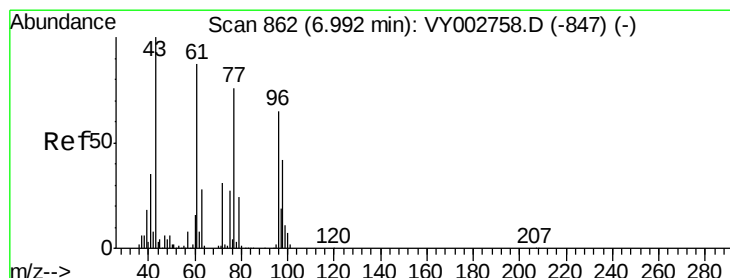
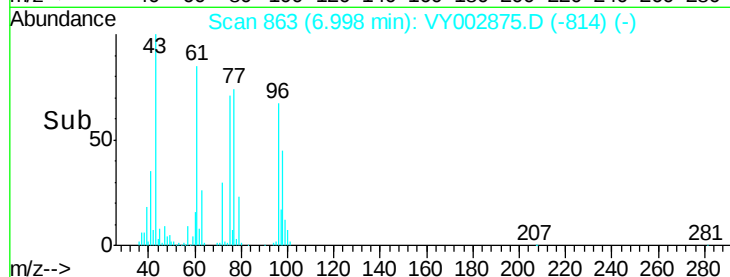
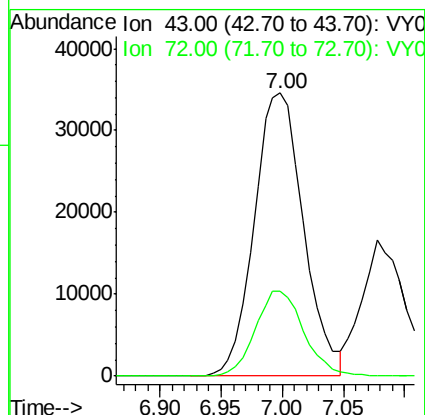
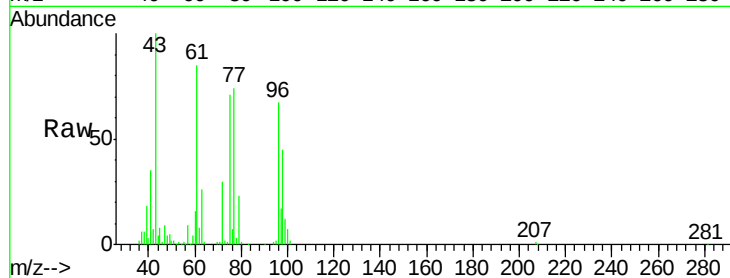
VY0610SBSD01

Tot Ion: 43 Resp: 96894

Ion Ratio Lower Upper

43 100

72 29.8 23.9 35.9



#26

2,2-Dichloropropane

Concen: 21.453 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002875.D

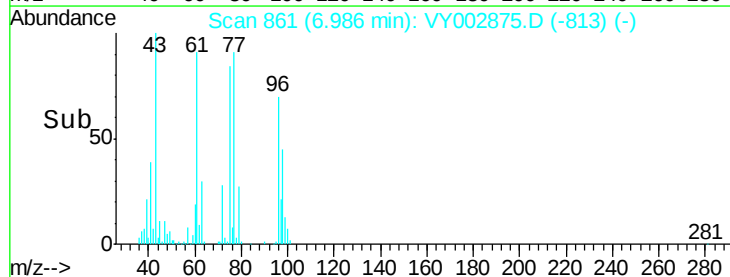
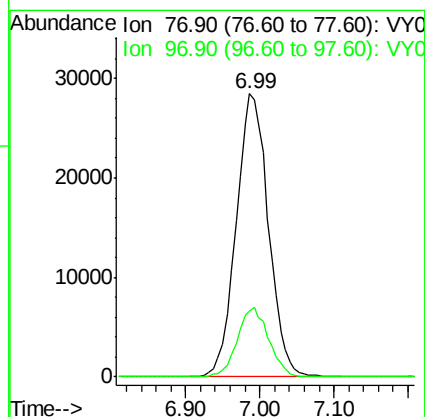
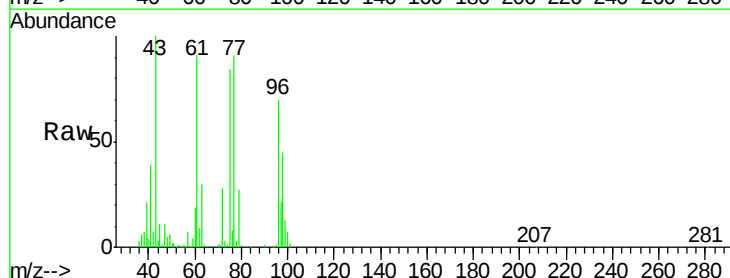
Acq: 10 Jun 2020 11:43

Tgt Ion: 77 Resp: 86307

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6



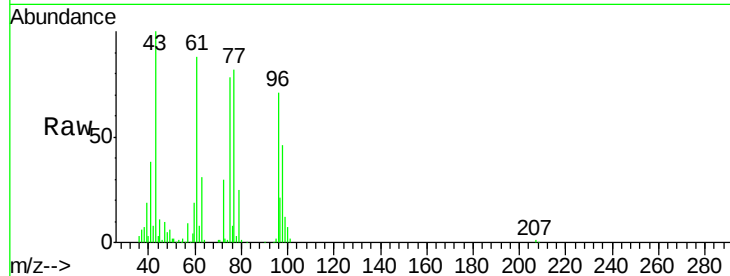


#27

cis-1,2-Dichloroethene
Concen: 21.247 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	260.2
98	65.8	0.0	128.2

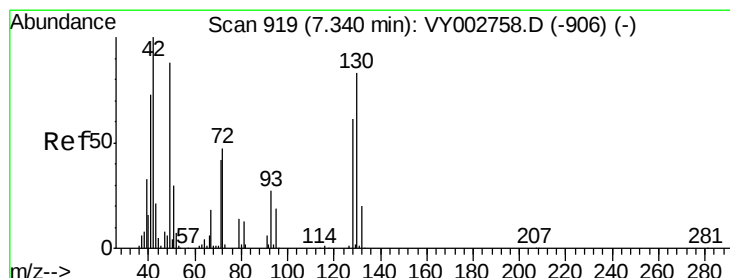
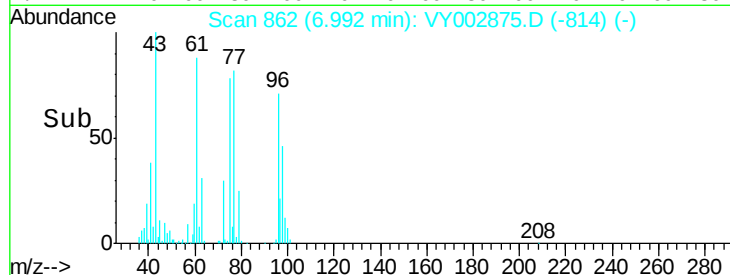
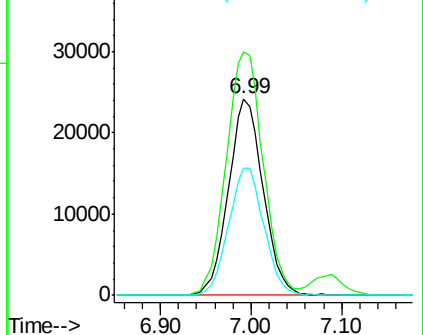


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

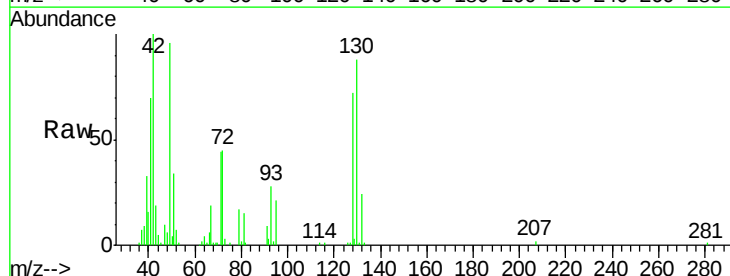
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 23.080 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	95.9	77.1	115.7

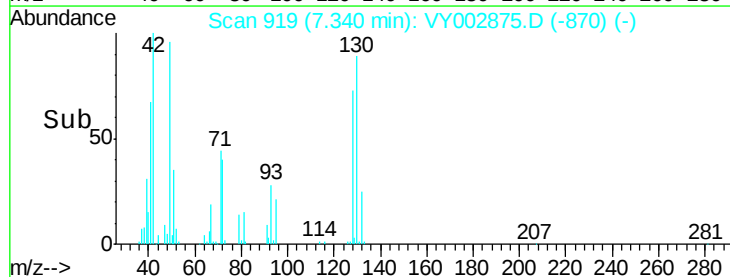
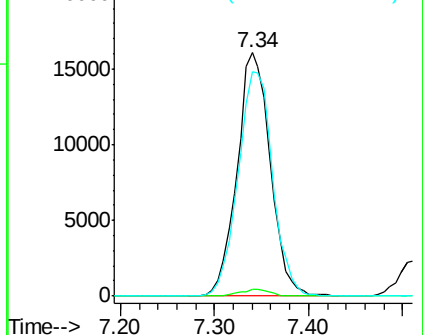


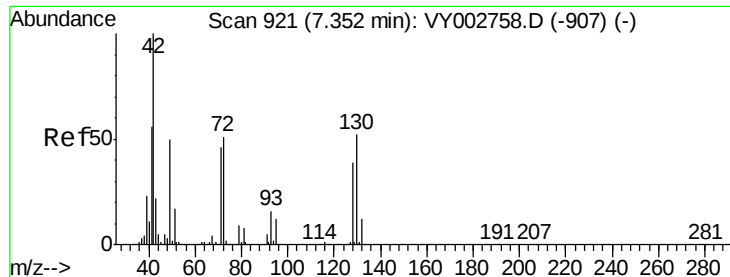
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 107.782 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

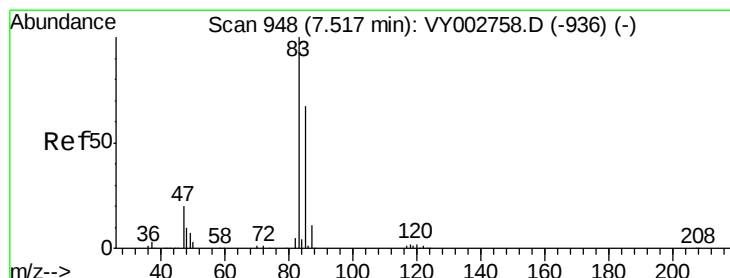
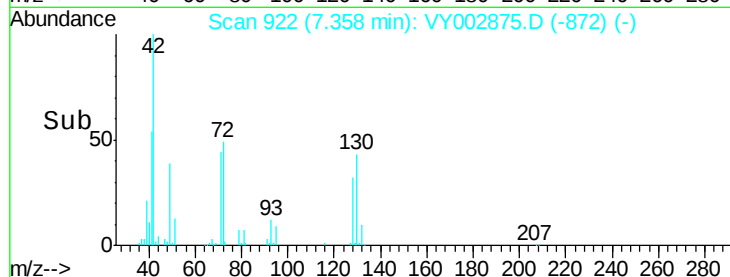
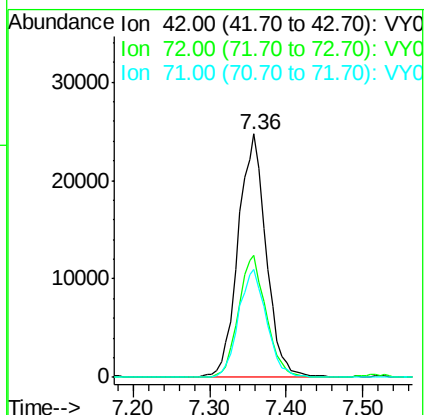
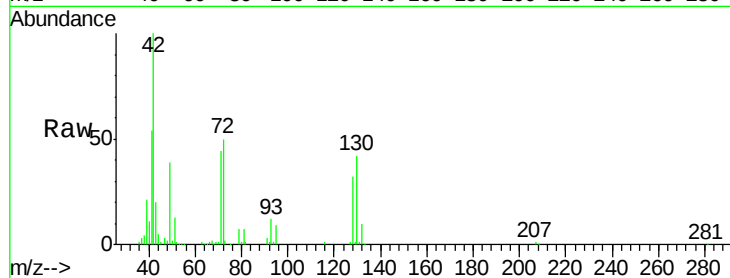
Tot Ion: 42 Resp: 62898

Ion Ratio Lower Upper

42 100

72 49.3 38.6 58.0

71 44.3 35.8 53.8



#30

Chloroform

Concen: 21.531 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002875.D

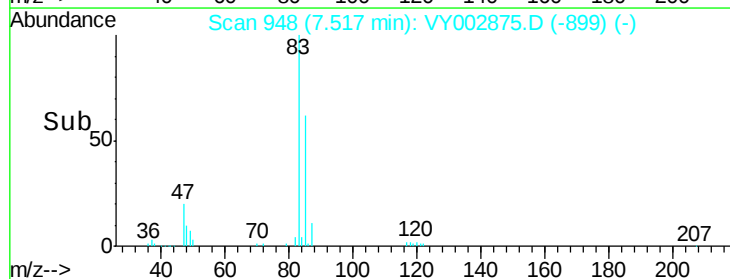
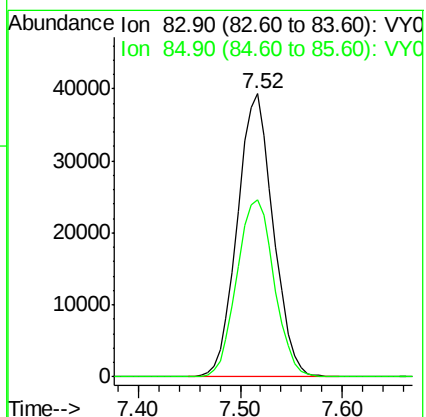
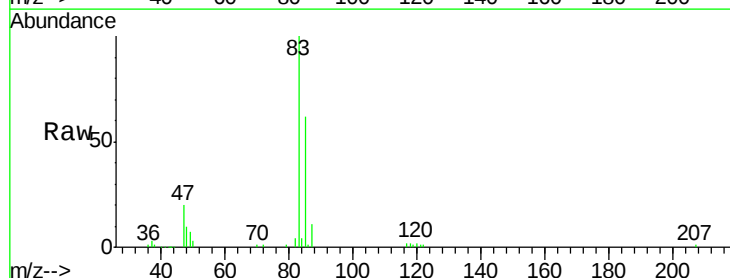
Acq: 10 Jun 2020 11:43

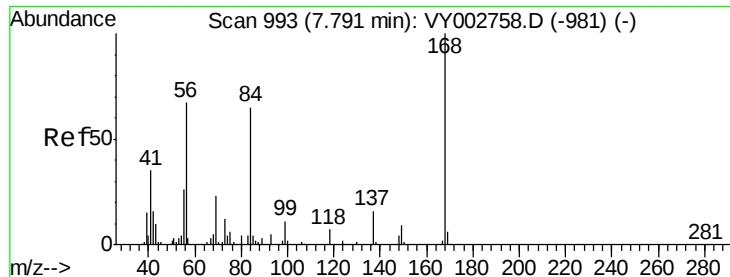
Tgt Ion: 83 Resp: 95844

Ion Ratio Lower Upper

83 100

85 62.4 53.8 80.8

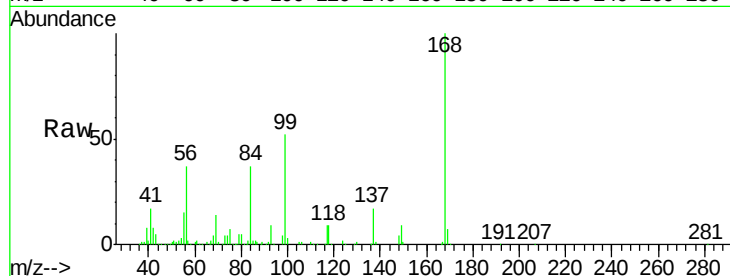




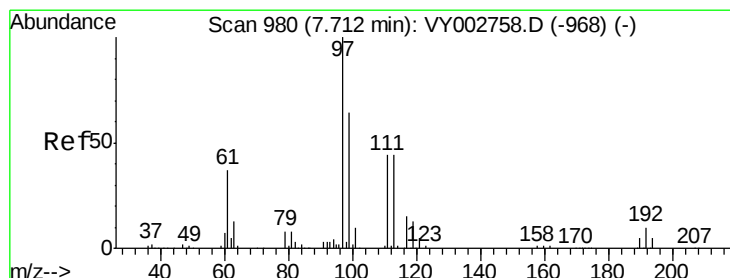
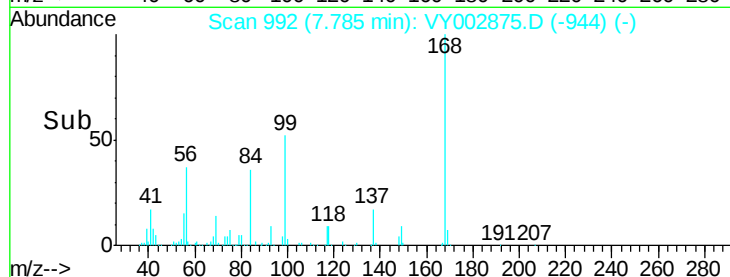
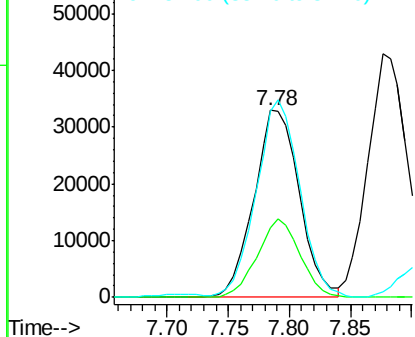
#31
Cyclohexane
Concen: 20.538 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tot Ion: 56 Resp: 85541
Ion Ratio Lower Upper
56 100
69 37.2 28.0 42.0
84 98.1 77.7 116.5

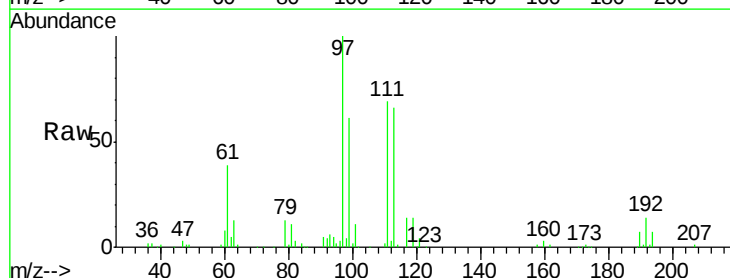


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

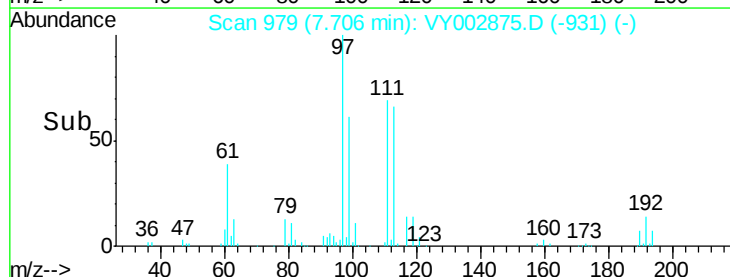
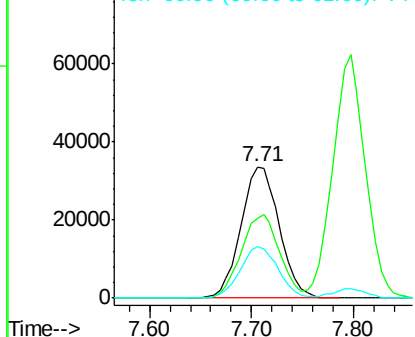


#32
1,1,1-Trichloroethane
Concen: 21.126 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion: 97 Resp: 87633
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 39.1 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

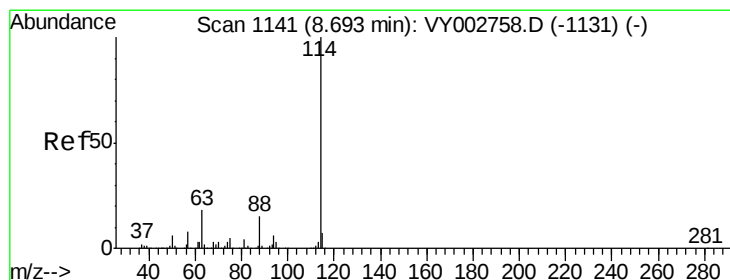
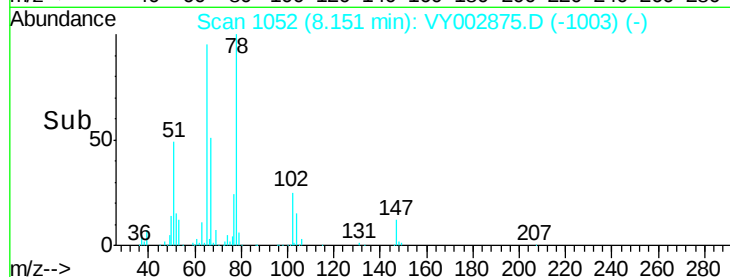
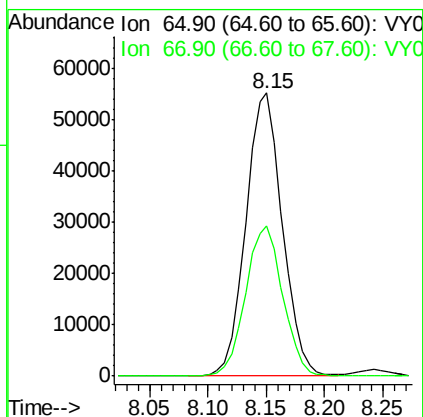
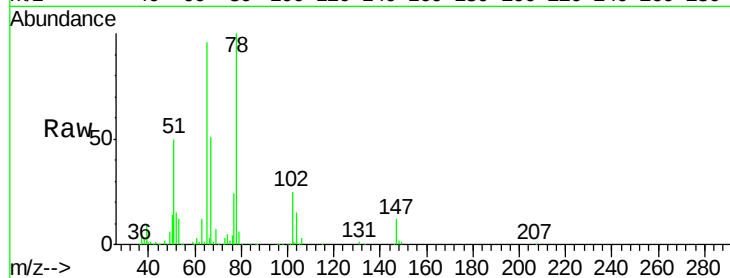




#33
 1,2-Dichloroethane-d4
 Concen: 48.854 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

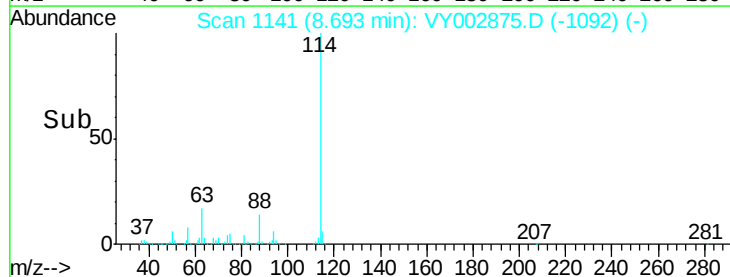
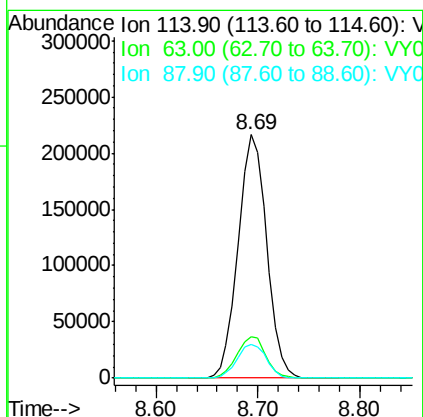
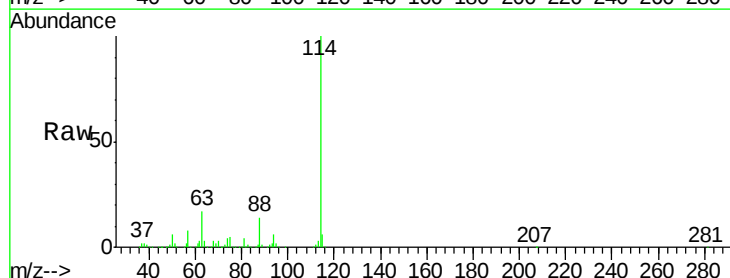
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBSD01

Tot Ion: 65 Resp: 119972
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion: 114 Resp: 420337
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.2
 88 14.1 0.0 29.2

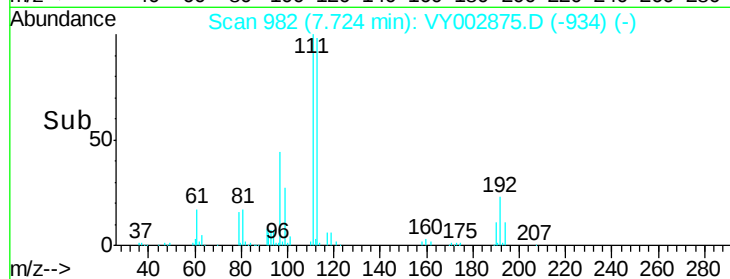
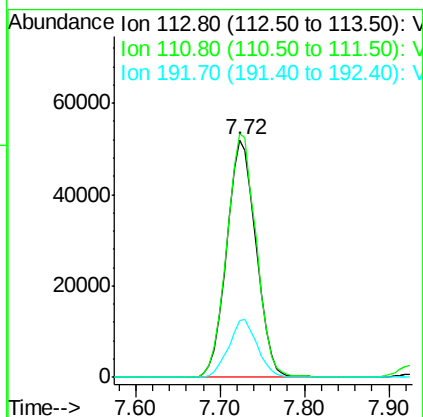
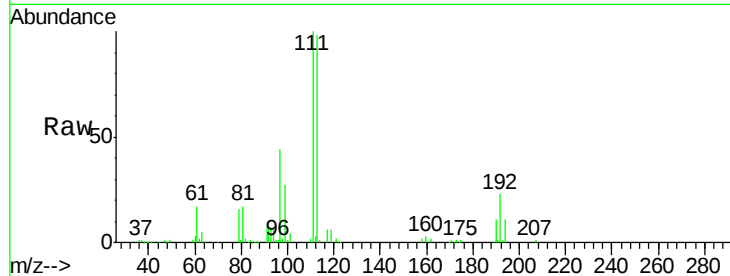




#35
 Dibromofluoromethane
 Concen: 49.846 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

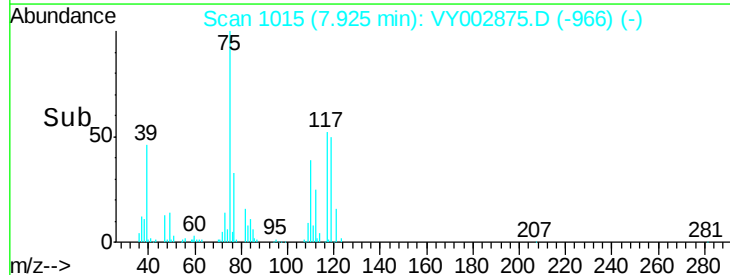
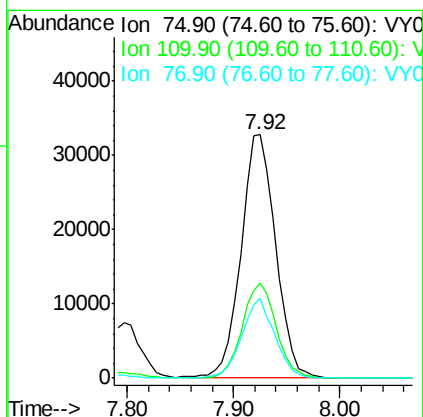
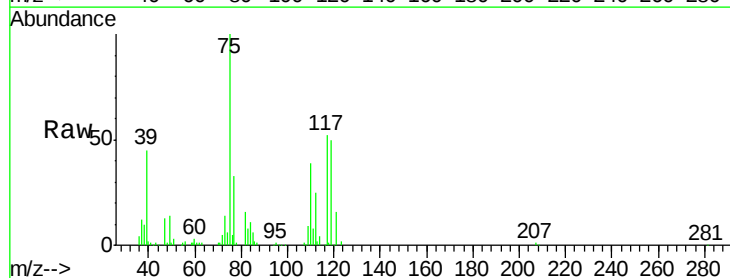
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBSD01

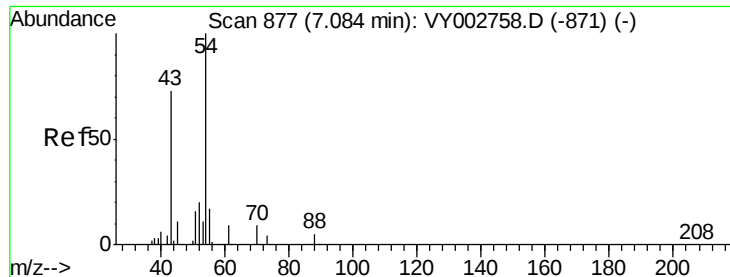
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.6	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.101 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.3	57.9
77	31.4	24.8	37.2

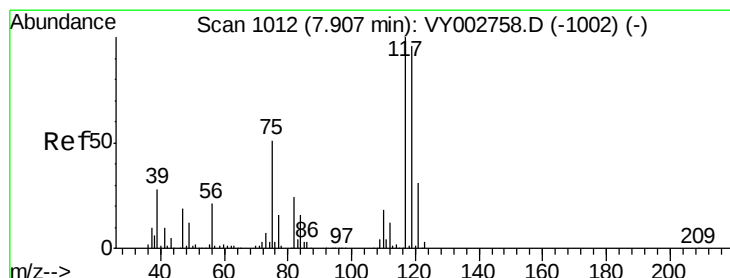
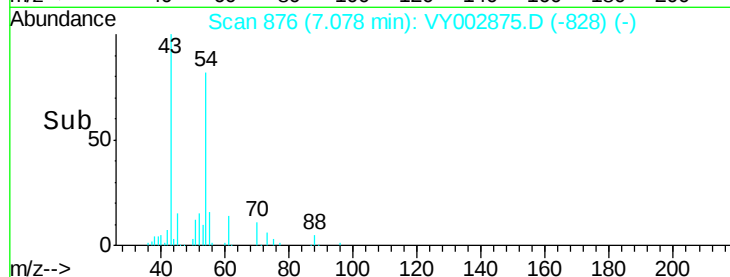
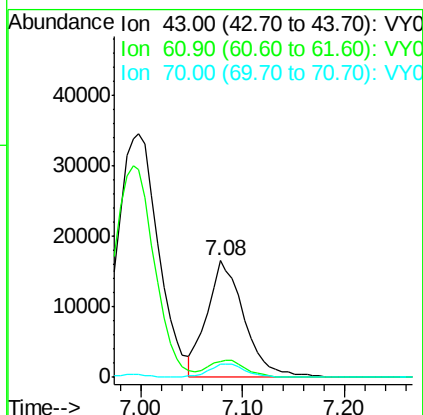
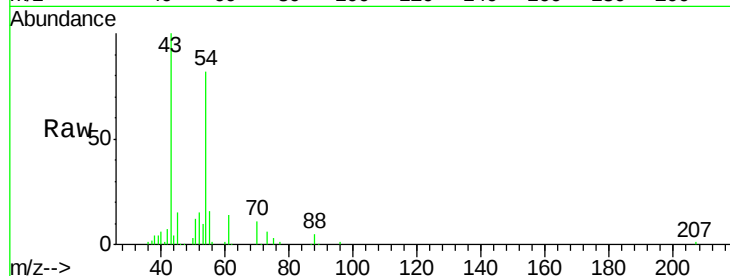




#37
Ethyl Acetate
Concen: 21.965 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

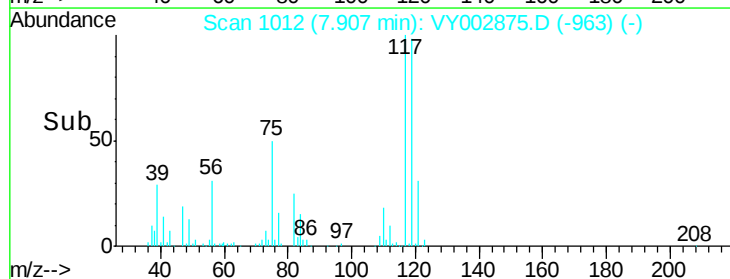
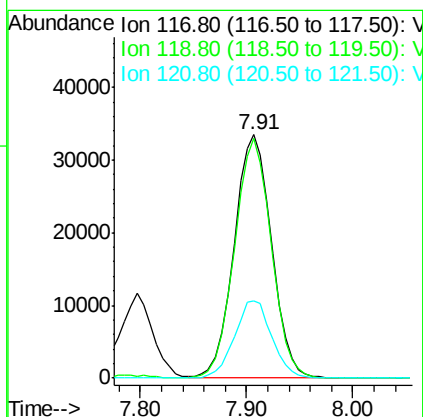
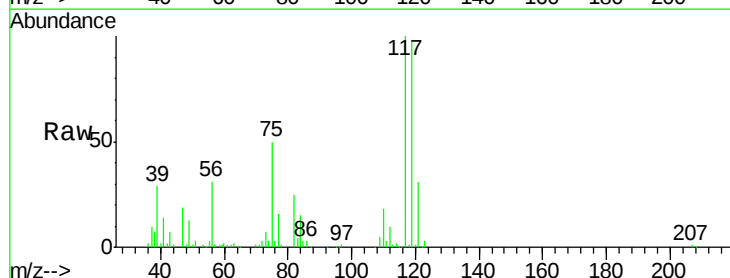
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

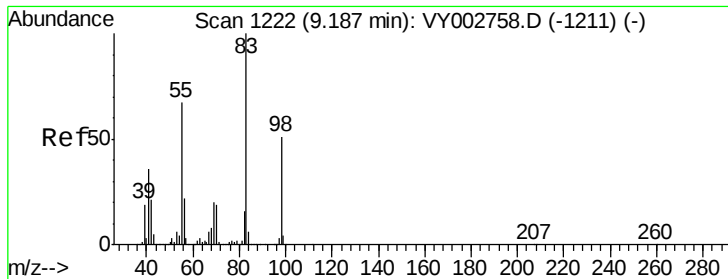
Tot Ion: 43 Resp: 42315
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.038 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion: 117 Resp: 82753
Ion Ratio Lower Upper
117 100
119 98.4 76.8 115.2
121 31.5 24.8 37.2

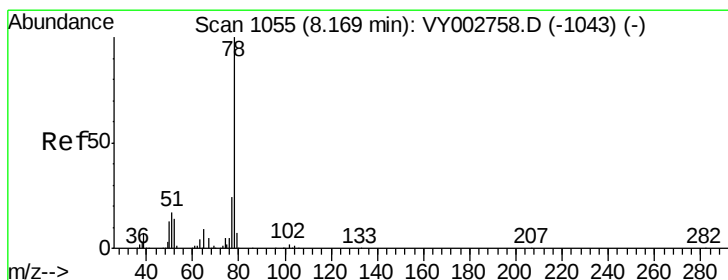
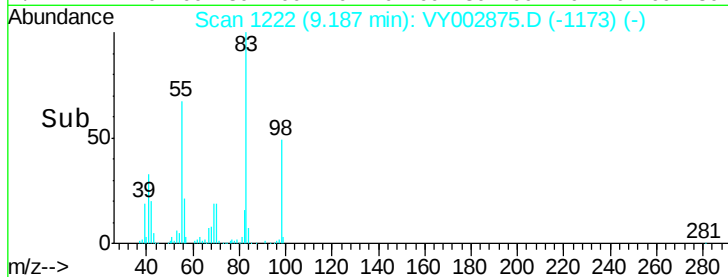
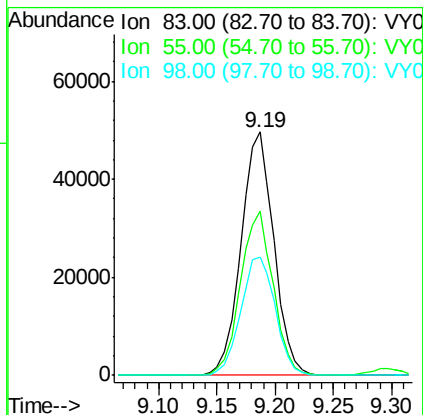
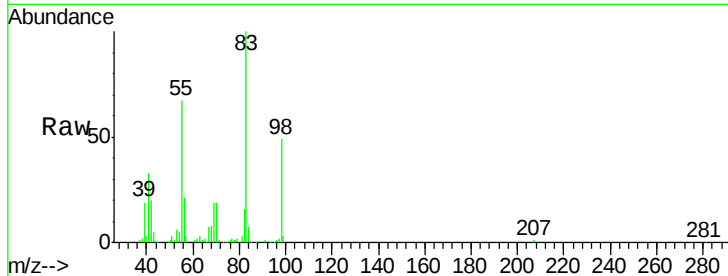




#39
Methvlcvclohexane
Concen: 20.899 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

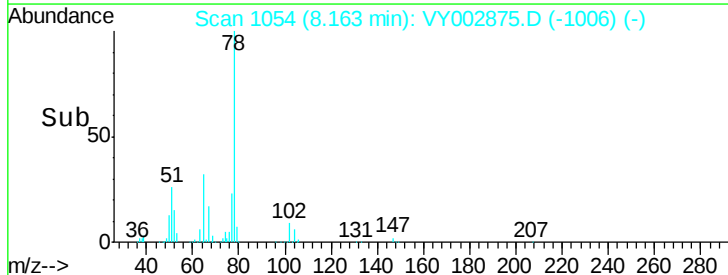
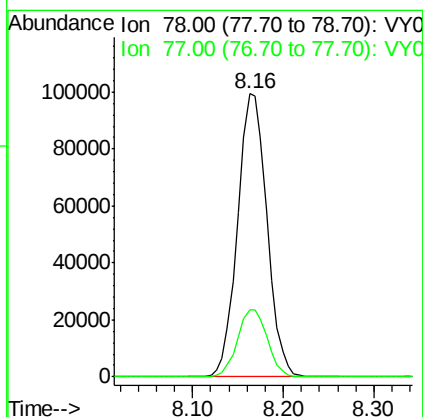
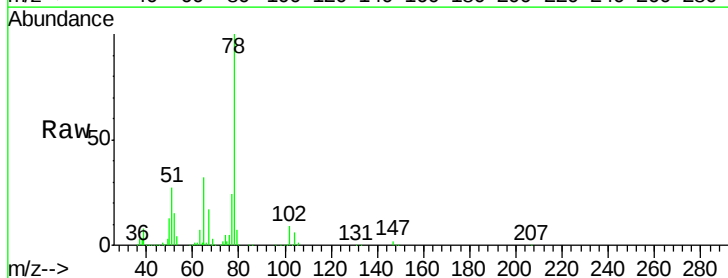
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

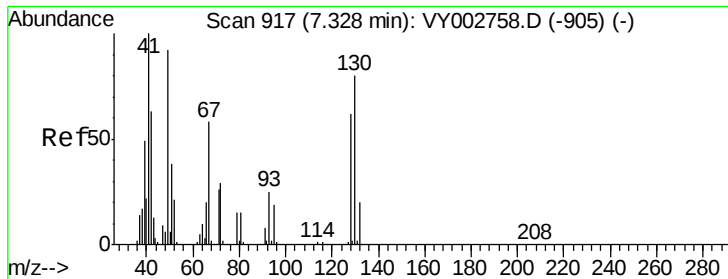
Tot Ion: 83 Resp: 97537
Ion Ratio Lower Upper
83 100
55 67.3 53.3 79.9
98 48.6 41.1 61.7



#40
Benzene
Concen: 21.287 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion: 78 Resp: 222708
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41

Methacrylonitrile

Concen: 28.412 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. 0.01 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

Tot Ion: 41 Resp: 29405

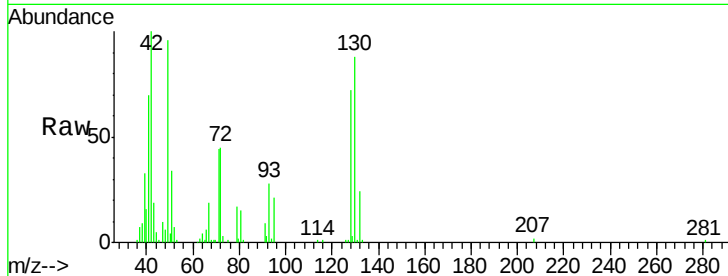
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

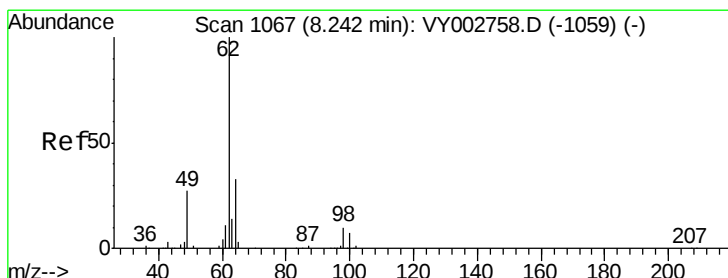
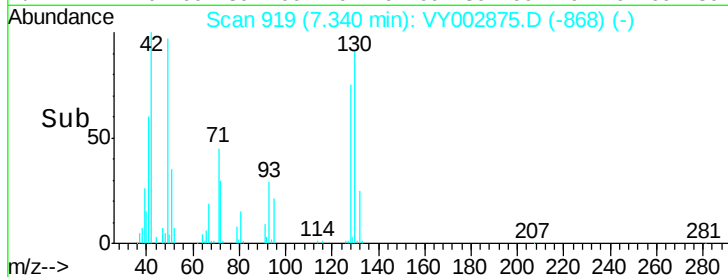
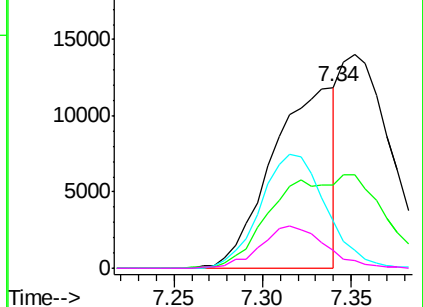


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 21.461 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002875.D

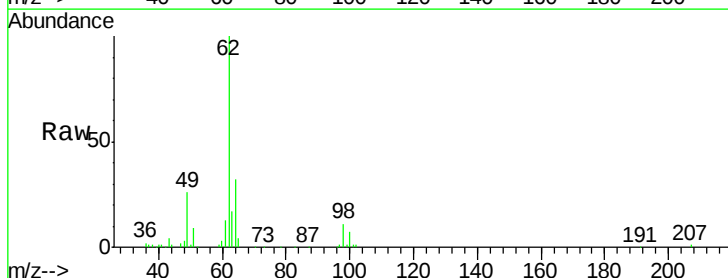
Acq: 10 Jun 2020 11:43

Tgt Ion: 62 Resp: 62926

Ion Ratio Lower Upper

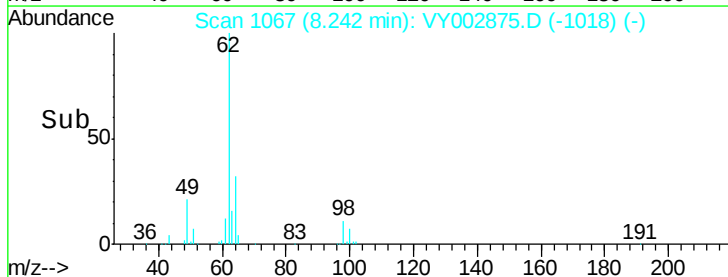
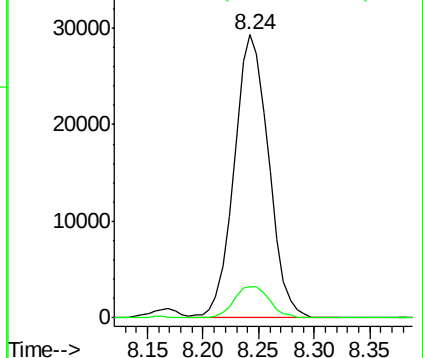
62 100

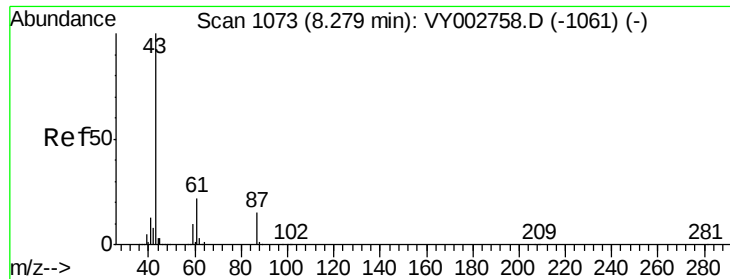
98 11.5 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.522 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

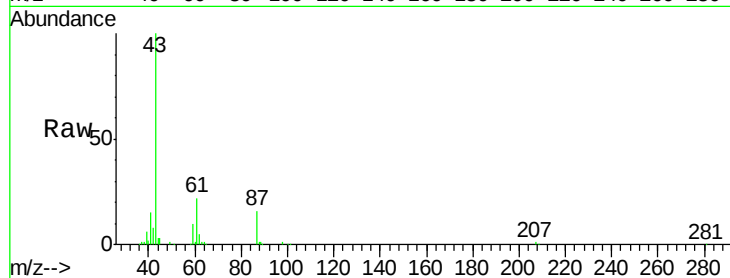
Tot Ion: 43 Resp: 78571

Ion Ratio Lower Upper

43 100

61 30.7 24.8 37.2

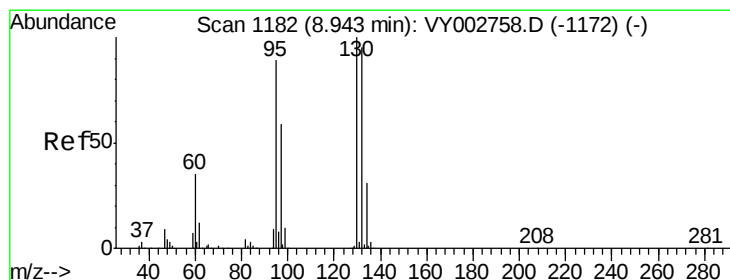
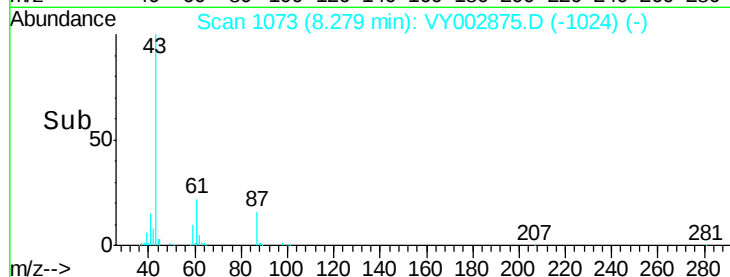
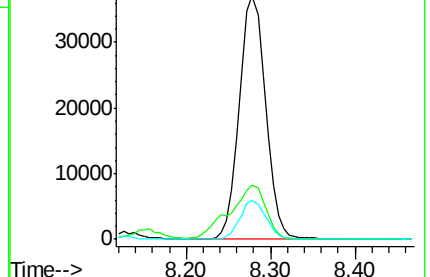
87 15.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002875.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002875.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002875.D (-1024) (-)



#44

Trichloroethene

Concen: 20.624 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002875.D

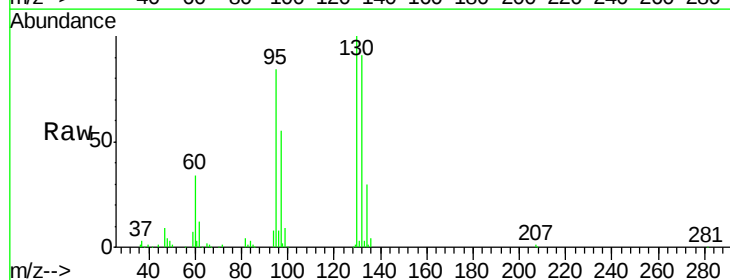
Acq: 10 Jun 2020 11:43

Tgt Ion: 130 Resp: 68158

Ion Ratio Lower Upper

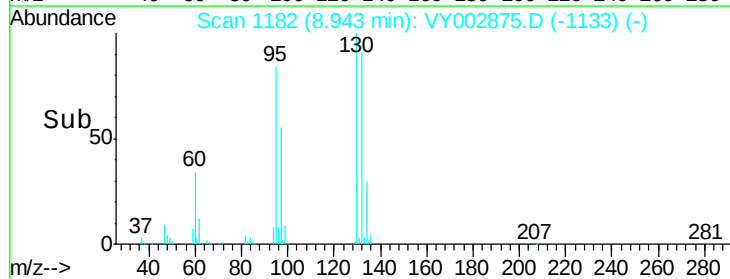
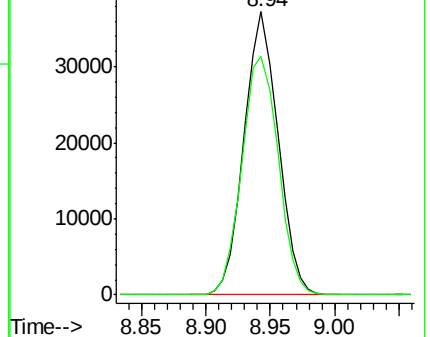
130 100

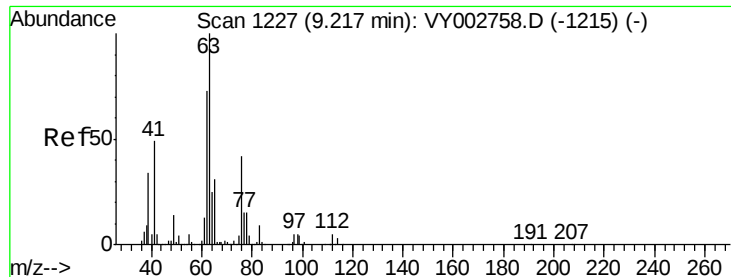
95 84.3 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002875.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002875.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 21.216 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

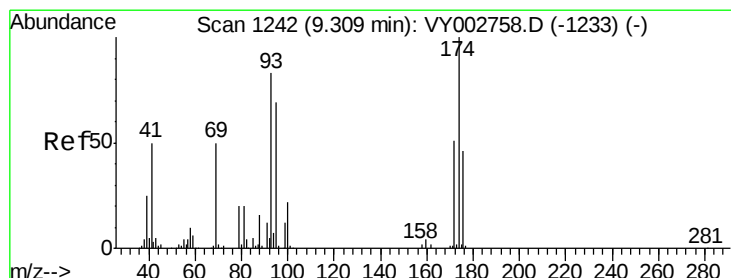
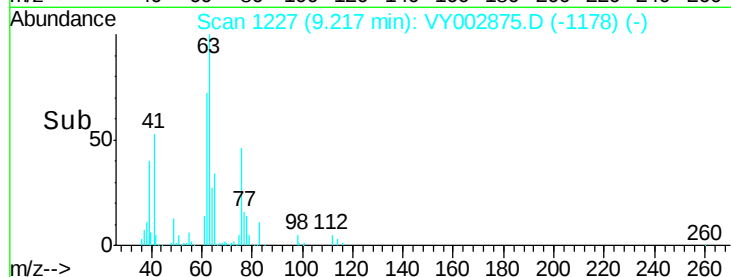
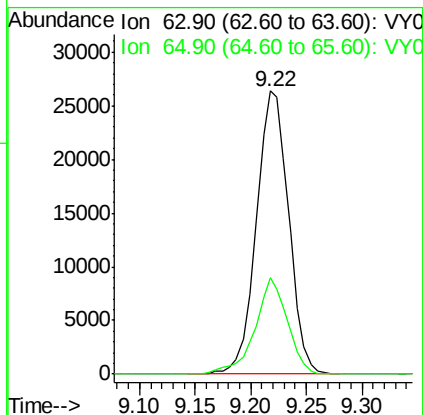
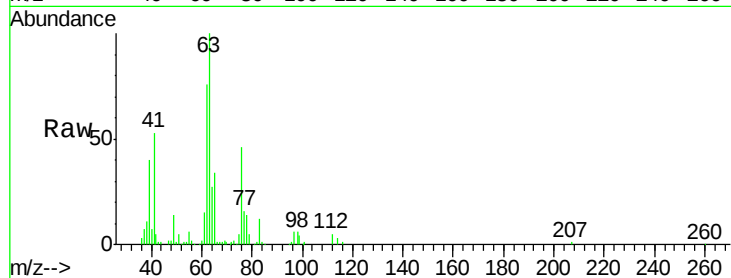
VY0610SBS01

Tot Ion: 63 Resp: 53230

Ion Ratio Lower Upper

63 100

65 34.1 24.8 37.2



#46

Dibromomethane

Concen: 21.311 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

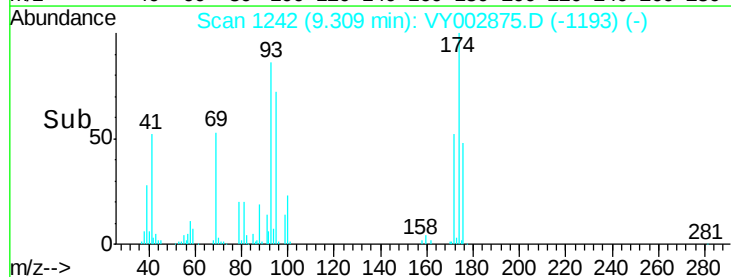
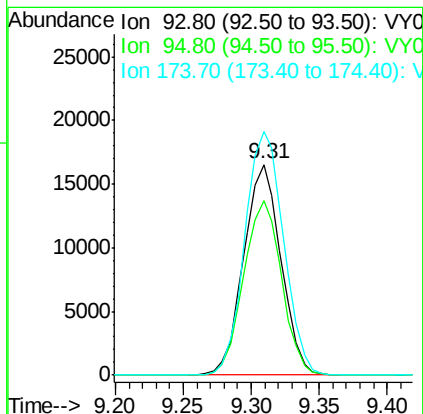
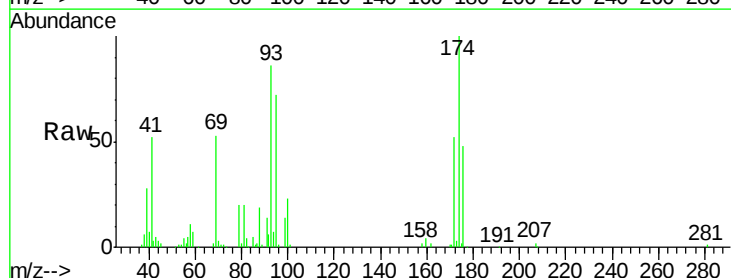
Tgt Ion: 93 Resp: 31755

Ion Ratio Lower Upper

93 100

95 84.4 66.9 100.3

174 120.1 97.7 146.5





#47

Bromodichloromethane

Concen: 21.305 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

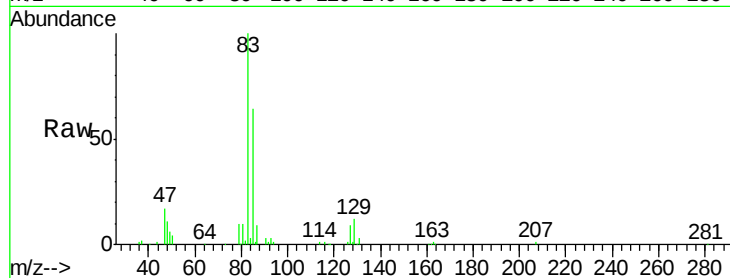
Tot Ion: 83 Resp: 74841

Ion Ratio Lower Upper

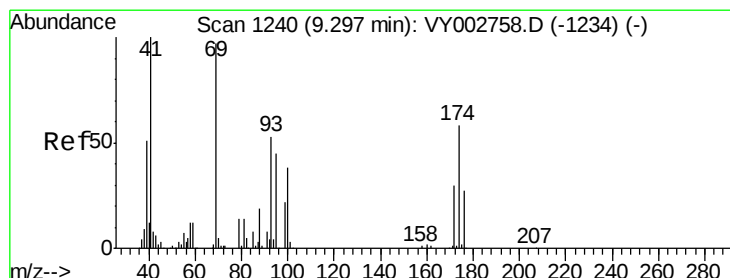
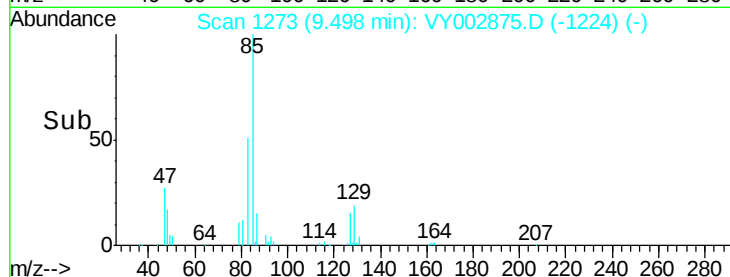
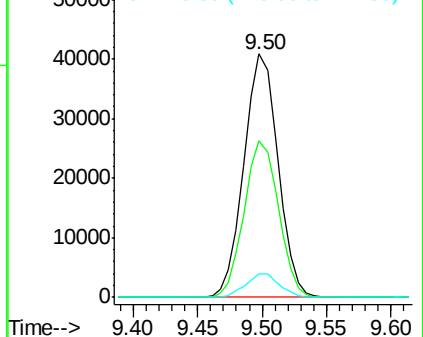
83 100

85 64.4 51.9 77.9

127 9.4 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.965 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

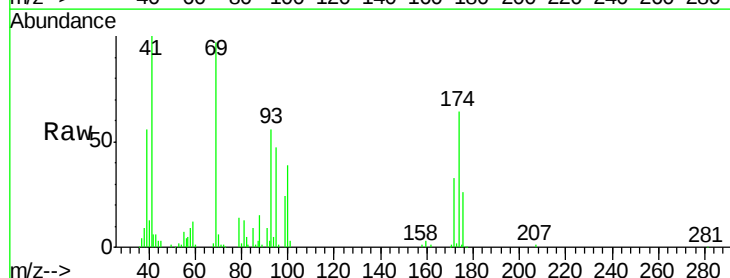
Tgt Ion: 41 Resp: 34550

Ion Ratio Lower Upper

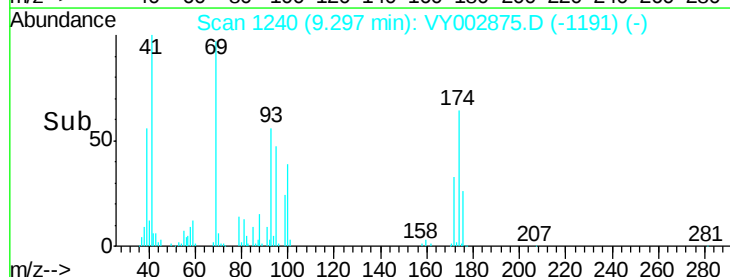
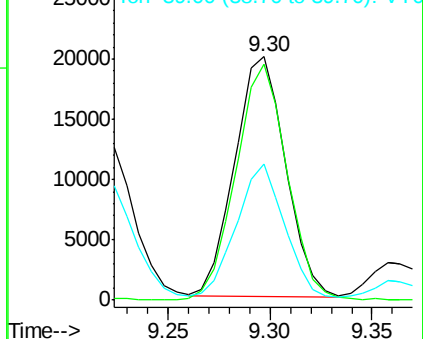
41 100

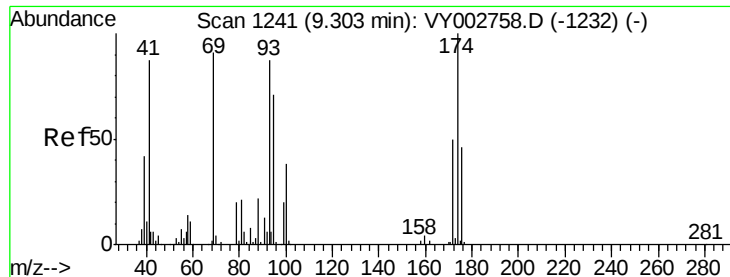
69 99.0 79.7 119.5

39 55.1 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

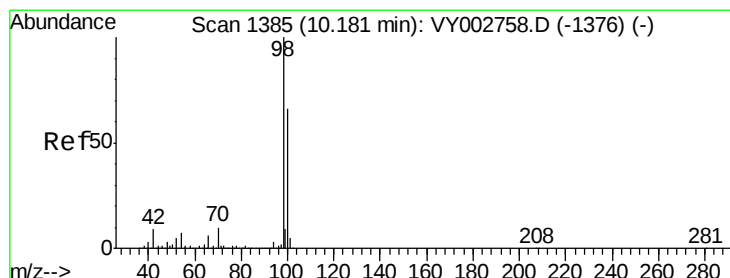
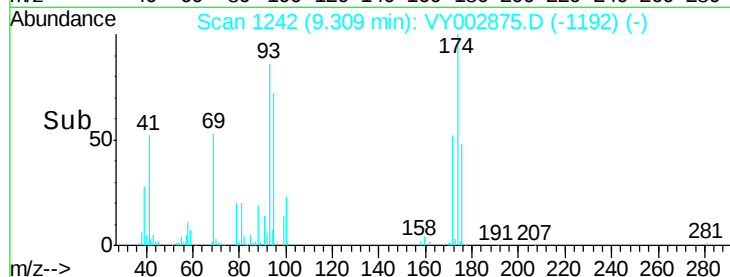
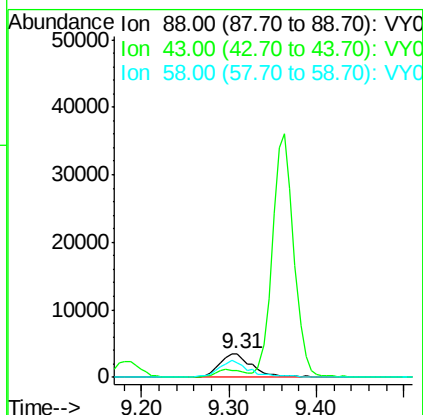
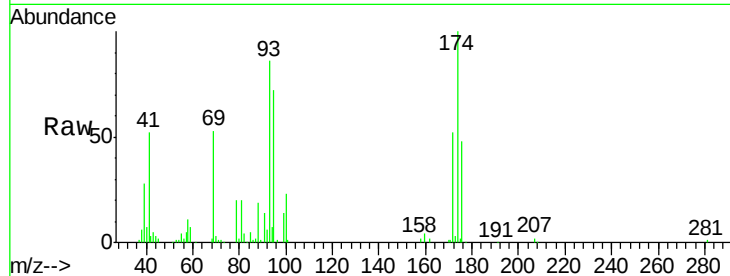




#49
1,4-Dioxane
Concen: 407.092 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

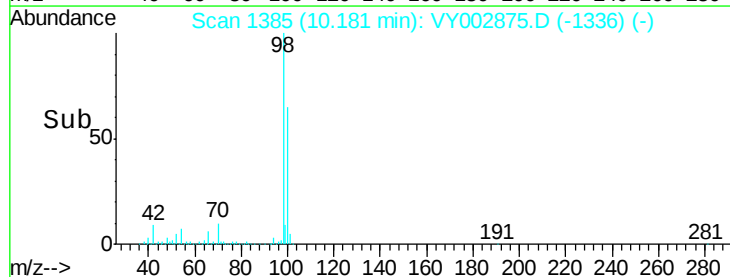
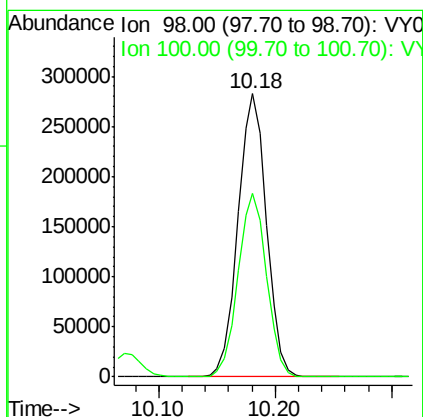
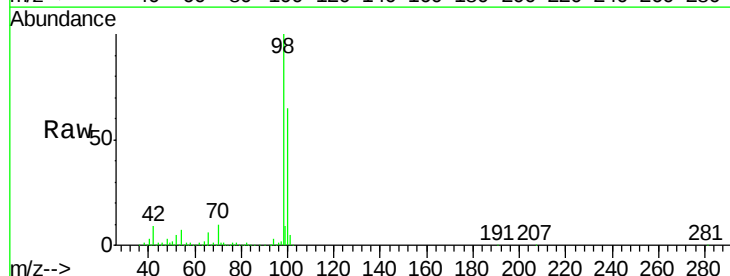
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

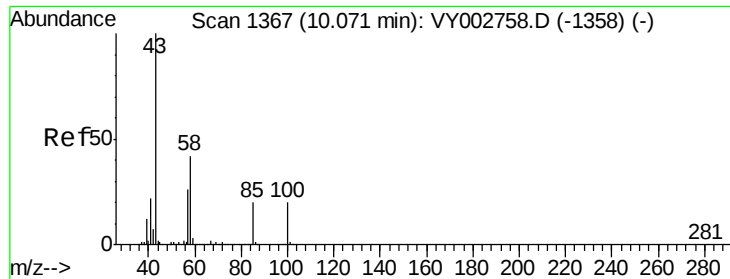
Tot Ion: 88 Resp: 9314
Ion Ratio Lower Upper
88 100
43 27.1 21.3 31.9
58 63.7 52.2 78.2



#50
Toluene-d8
Concen: 48.364 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion: 98 Resp: 481710
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 111.595 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

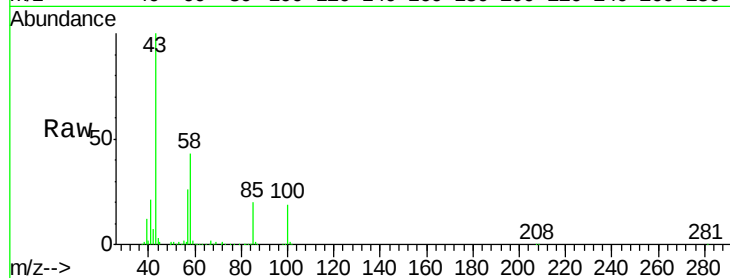
VY0610SBS01

Tot Ion: 43 Resp: 215727

Ion Ratio Lower Upper

43 100

58 42.4 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

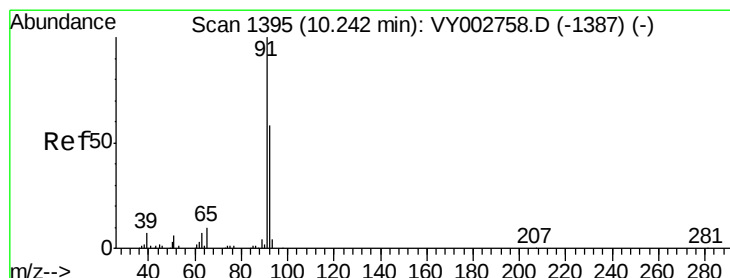
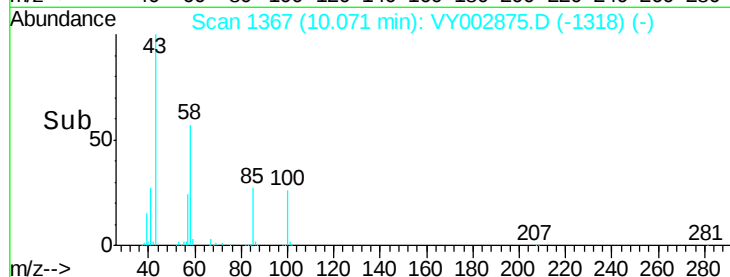
10.07

100000

50000

0

Time-->



#52

Toluene

Concen: 21.157 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002875.D

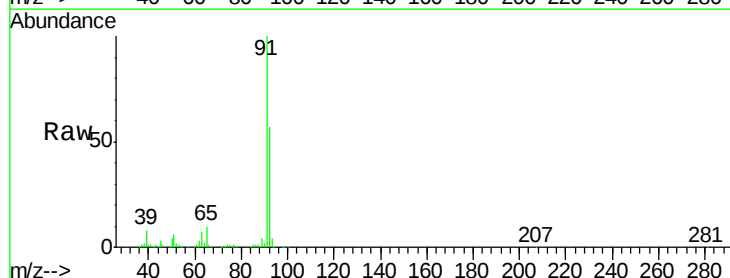
Acq: 10 Jun 2020 11:43

Tgt Ion: 92 Resp: 144804

Ion Ratio Lower Upper

92 100

91 174.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

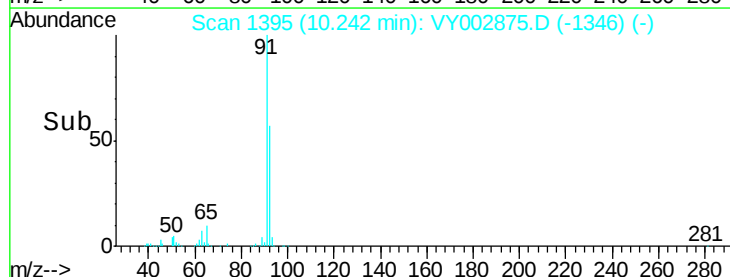
150000

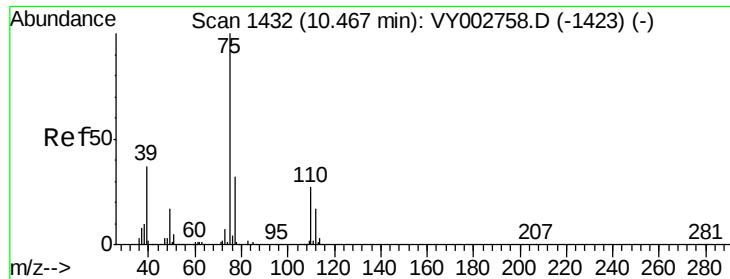
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.590 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

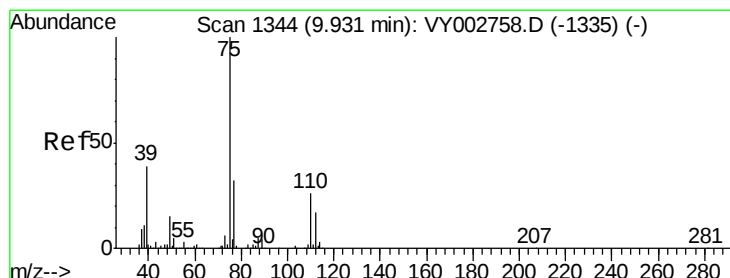
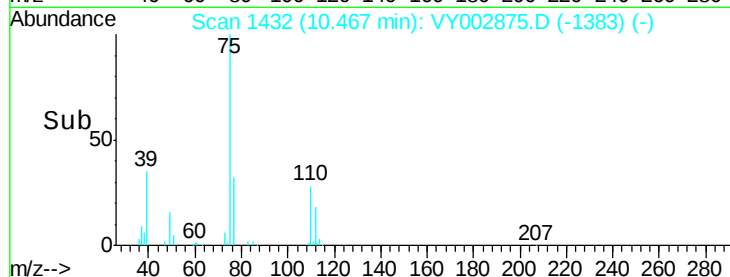
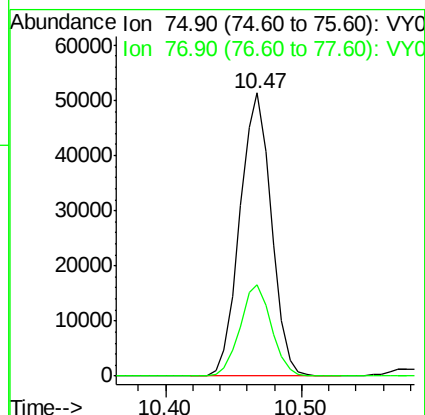
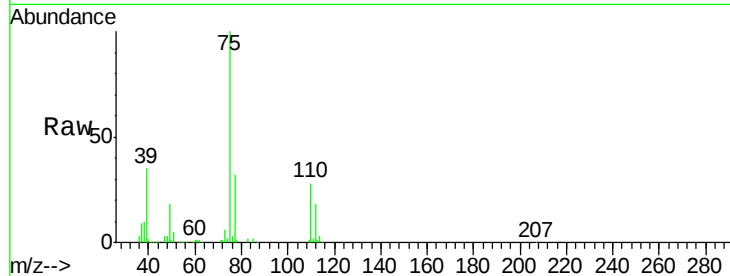
VY0610SBSD01

Tot Ion: 75 Resp: 82837

Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.157 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

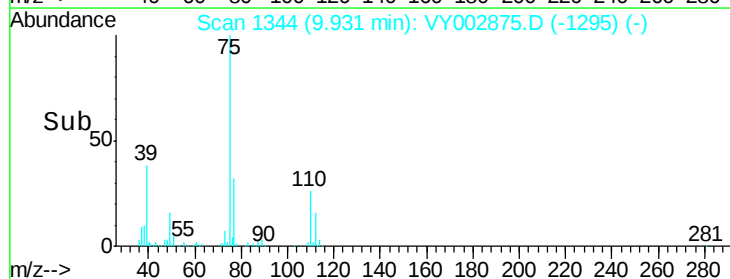
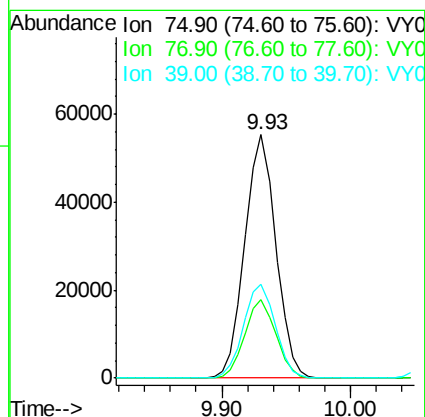
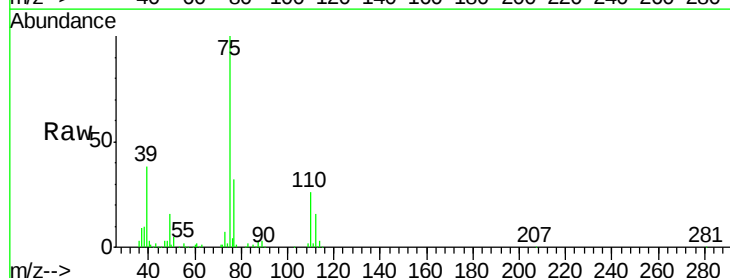
Tgt Ion: 75 Resp: 91980

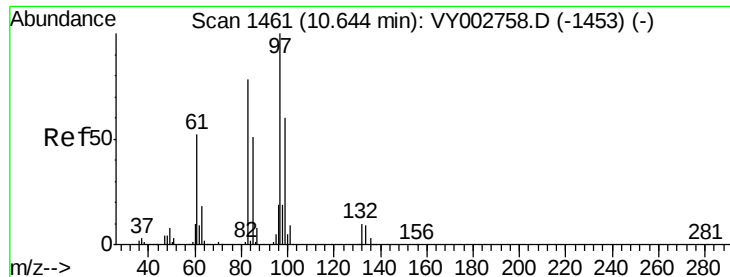
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 38.4 31.3 46.9

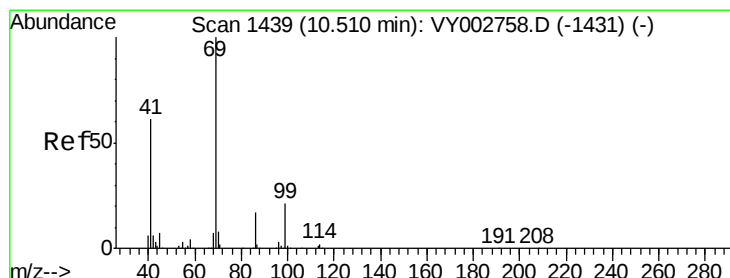
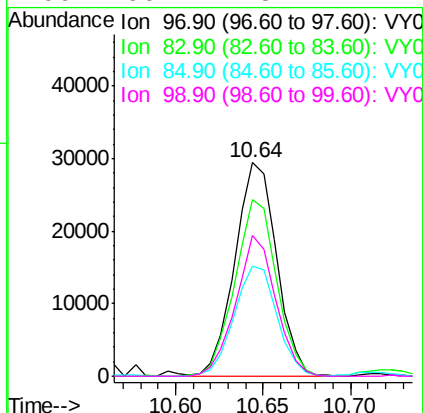
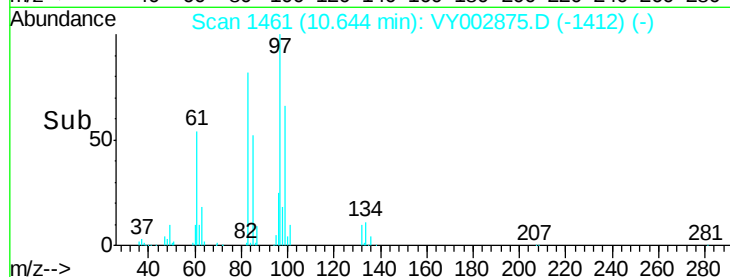
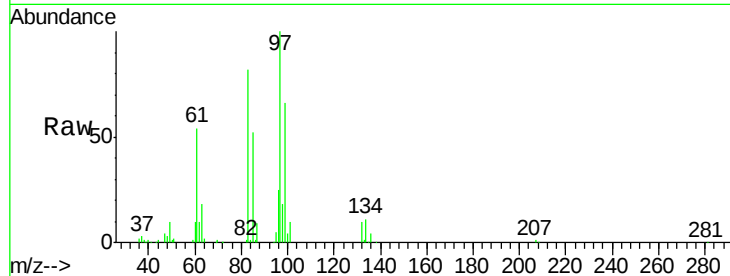




#55
 1,1,2-Trichloroethane
 Concen: 21.321 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

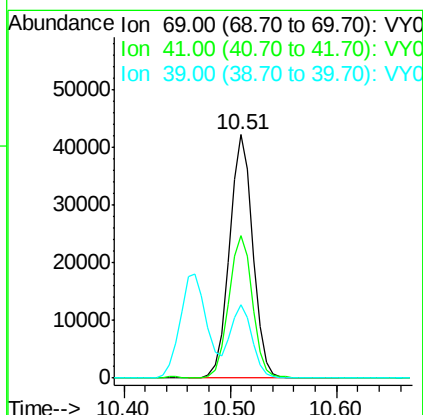
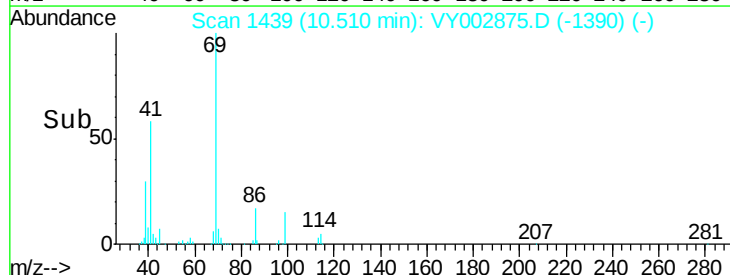
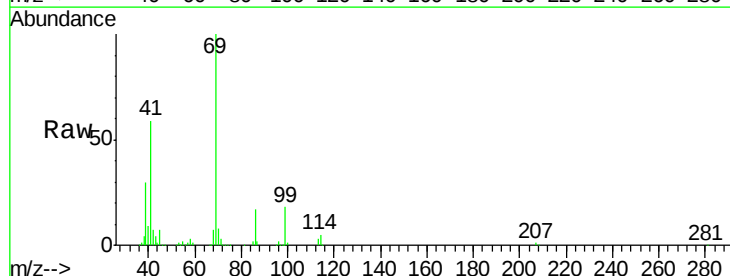
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Tot Ion:	97	Resp:	48637
Ion	Ratio	Lower	Upper
97	100		
83	82.4	62.7	94.1
85	51.7	40.6	60.8
99	66.1	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.241 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion:	69	Resp:	64901
Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.0	70.4
39	28.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.724 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

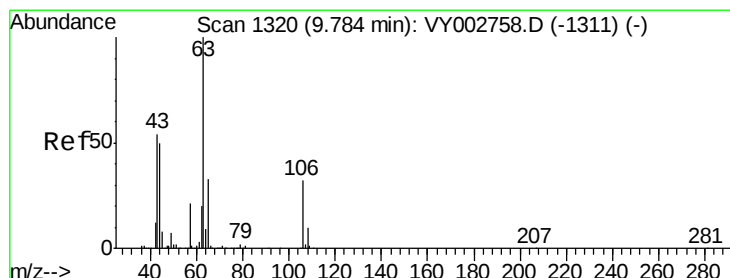
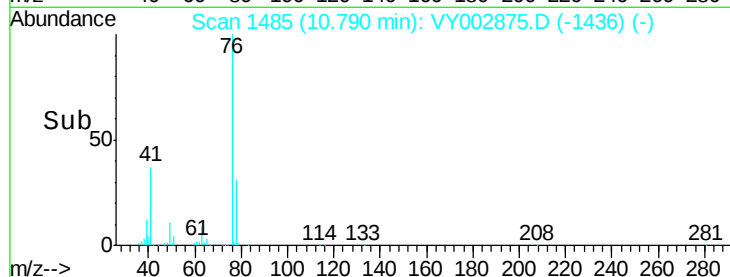
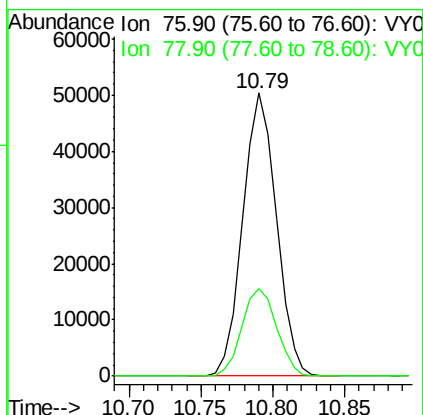
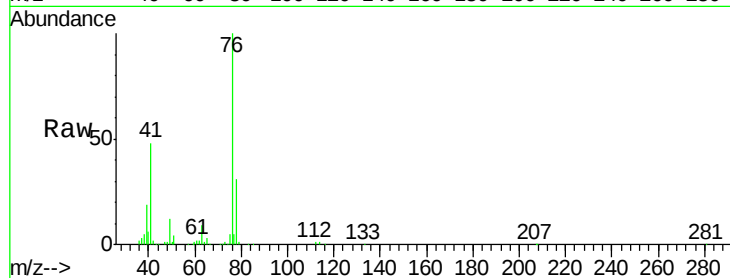
VY0610SBS01

Tot Ion: 76 Resp: 81513

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 109.477 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002875.D

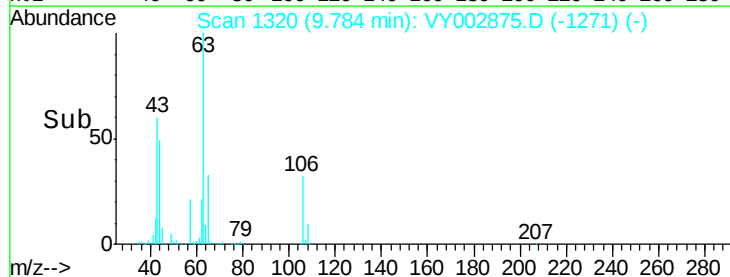
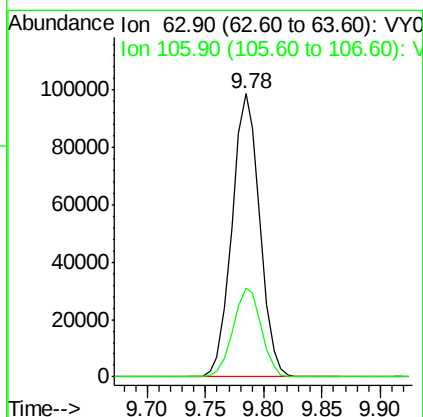
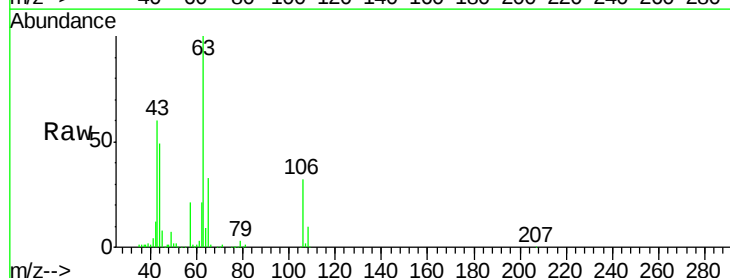
Acq: 10 Jun 2020 11:43

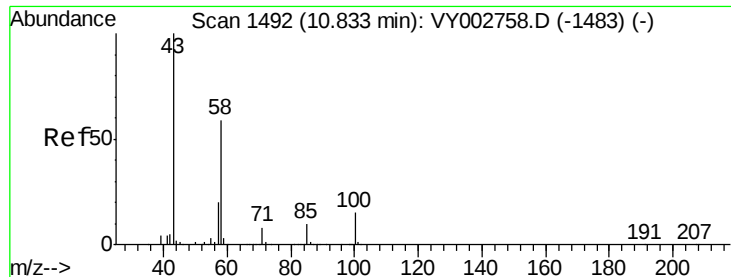
Tgt Ion: 63 Resp: 163450

Ion Ratio Lower Upper

63 100

106 31.8 25.4 38.2

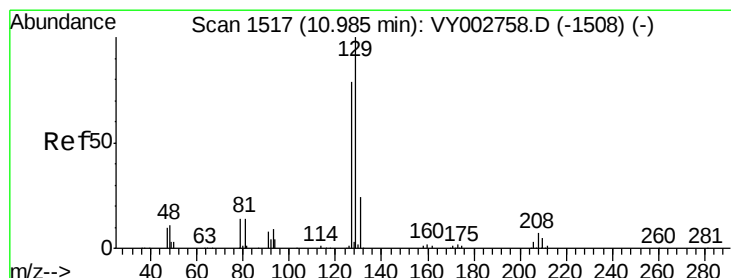
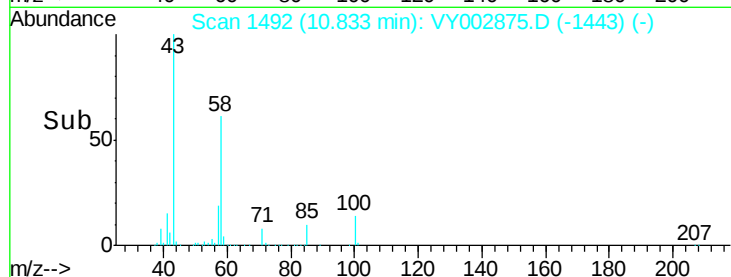
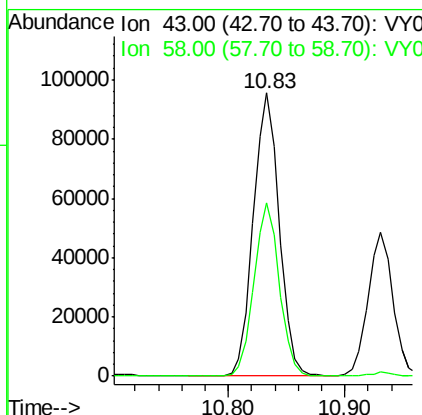
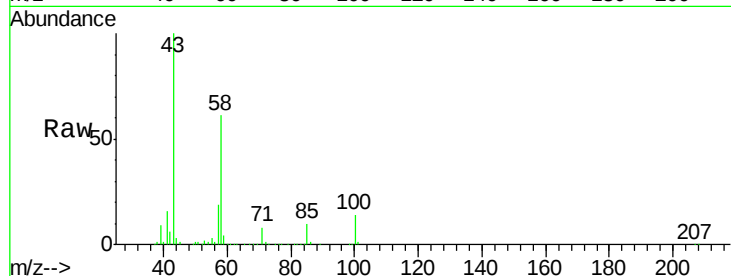




#59
2-Hexanone
Concen: 108.720 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

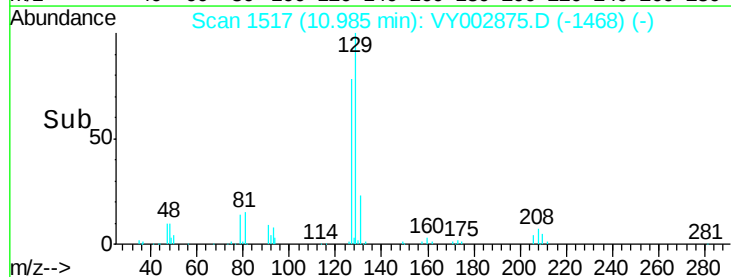
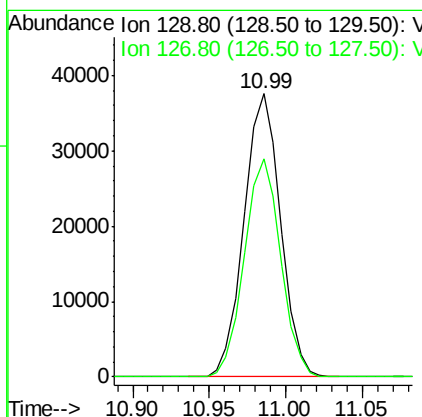
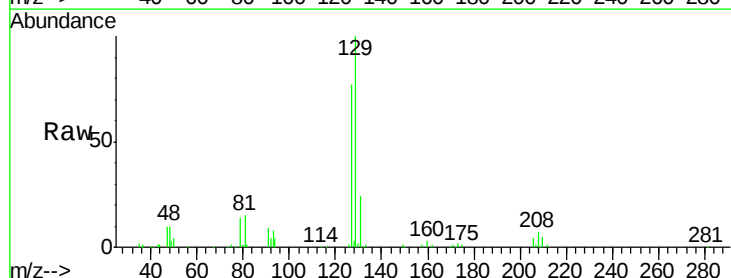
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

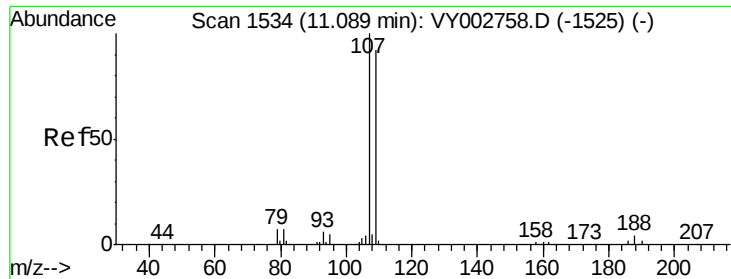
Tot Ion: 43 Resp: 149121
Ion Ratio Lower Upper
43 100
58 59.6 29.5 88.5



#60
Dibromochloromethane
Concen: 21.608 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion: 129 Resp: 62493
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

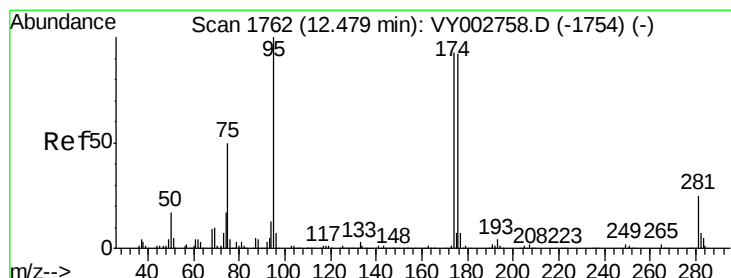
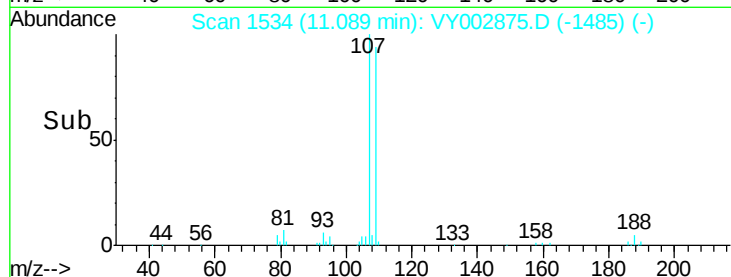
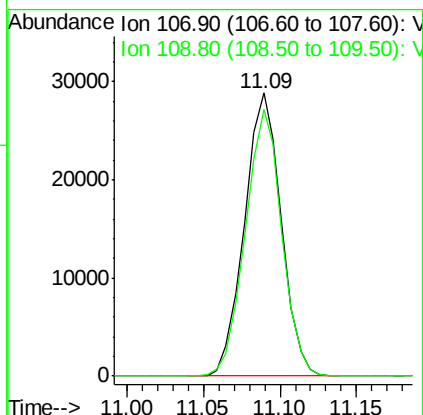
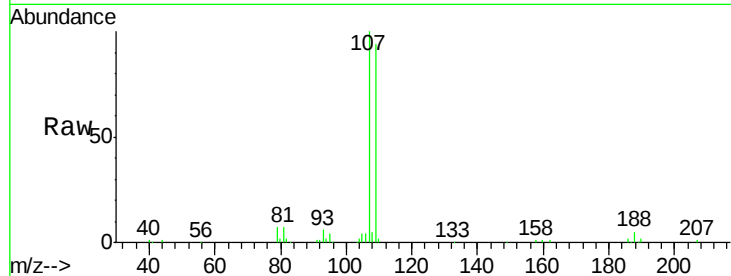




#61
 1,2-Dibromoethane
 Concen: 21.349 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

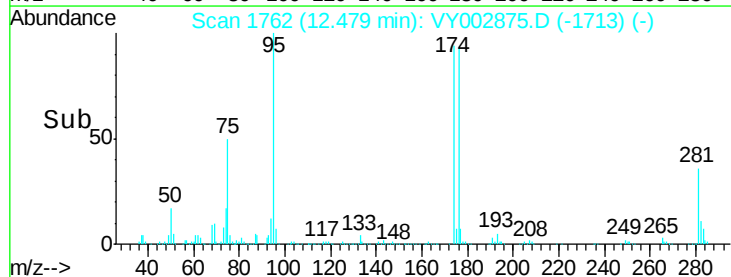
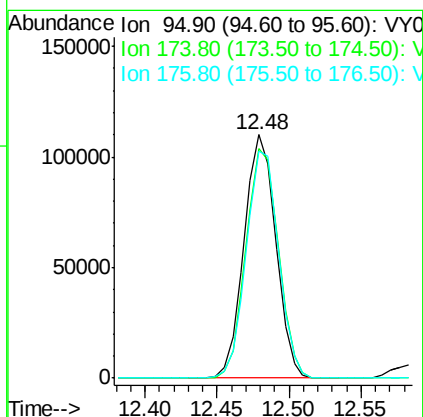
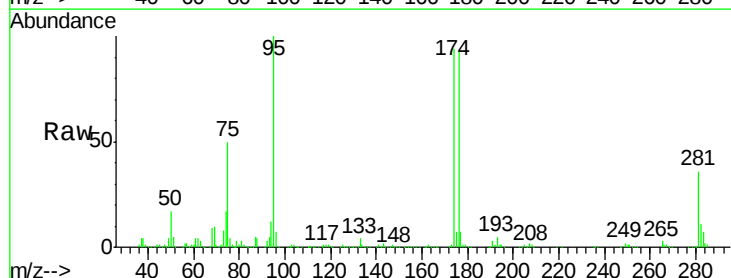
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

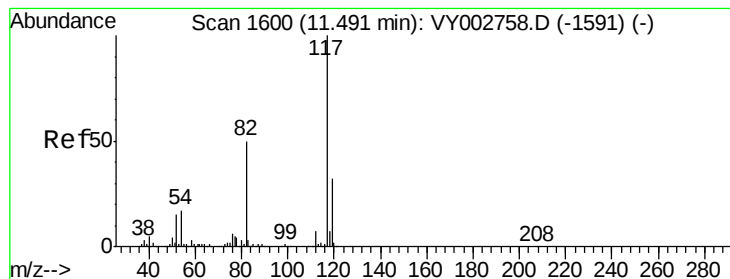
Tot Ion:107 Resp: 48042
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.348 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion: 95 Resp: 167973
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 191.2
 176 94.8 0.0 188.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

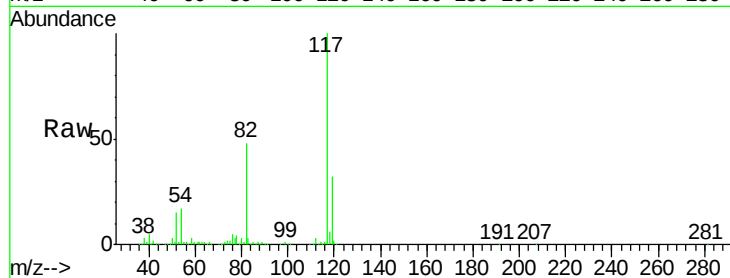
Tot Ion:117 Resp: 391726

Ion Ratio Lower Upper

117 100

82 48.2 40.2 60.4

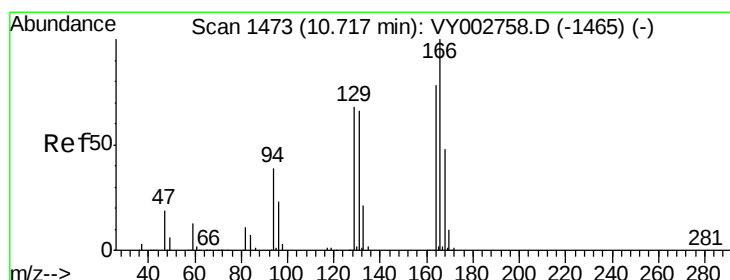
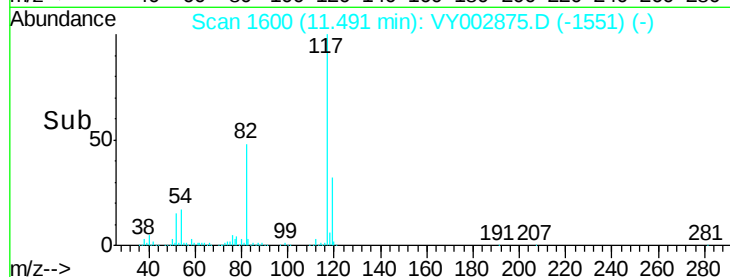
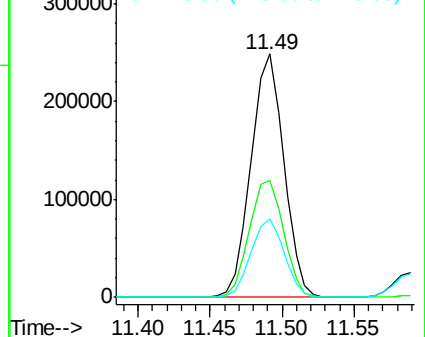
119 32.1 25.8 38.8



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: 20.374 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Tgt Ion:164 Resp: 72537

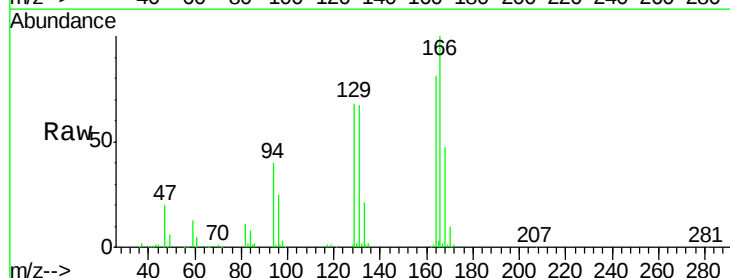
Ion Ratio Lower Upper

164 100

166 124.2 102.3 153.5

129 84.5 69.4 104.2

131 83.7 67.8 101.6

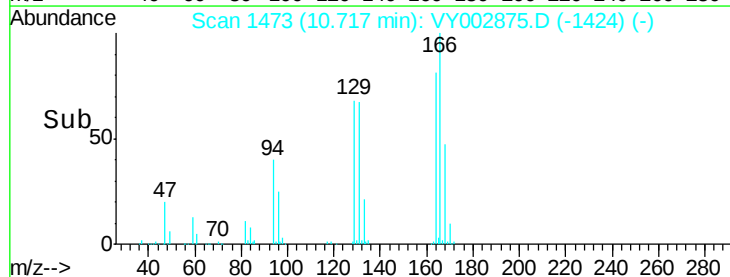
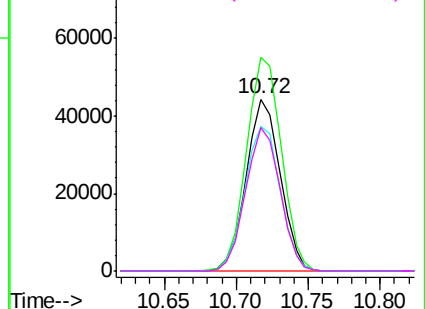


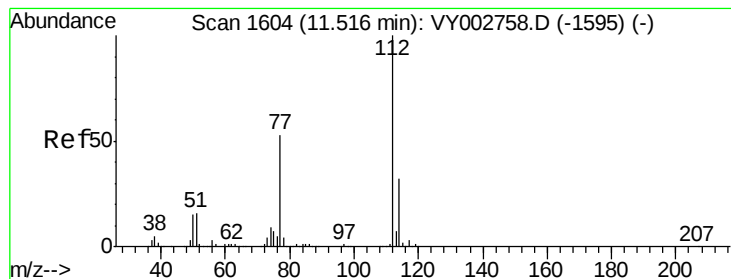
Abundance Ion 163.80 (163.50 to 164.50): V

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: 21.091 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

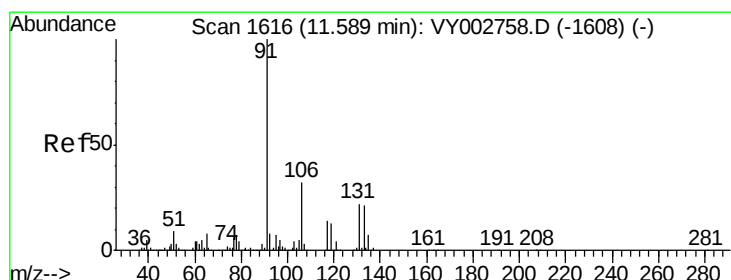
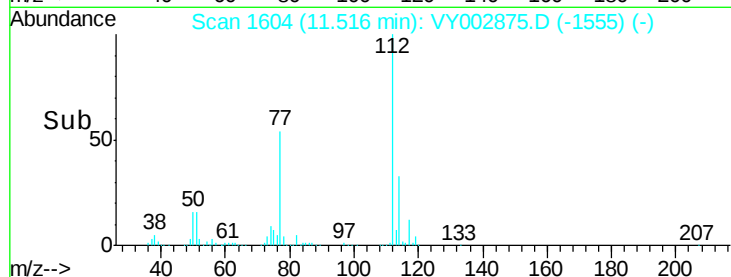
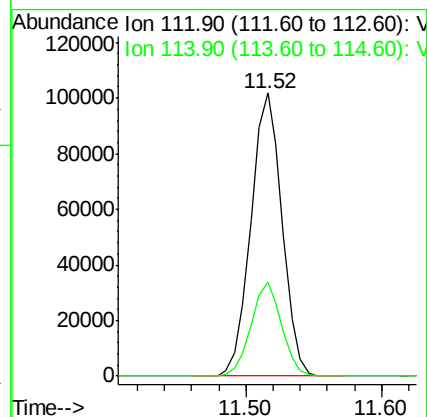
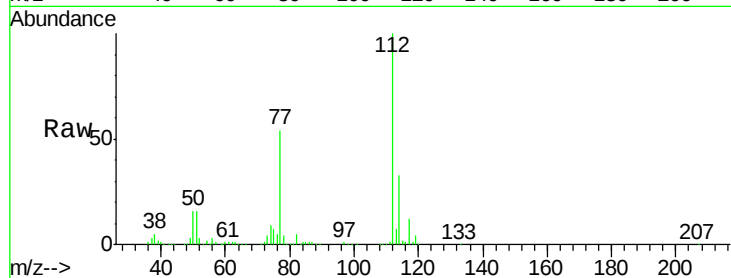
VY0610SBS01

Tot Ion:112 Resp: 163297

Ion Ratio Lower Upper

112 100

114 33.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 21.472 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

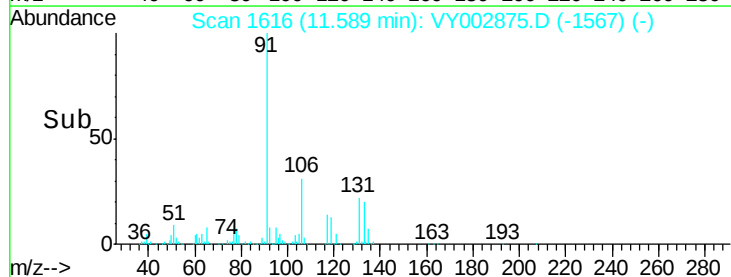
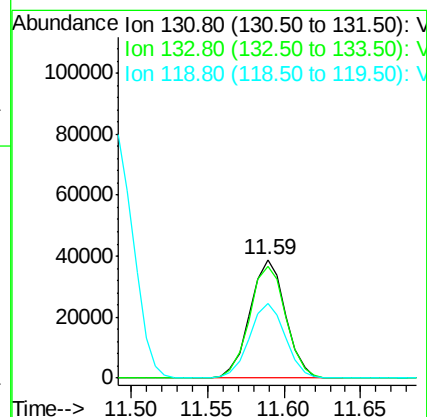
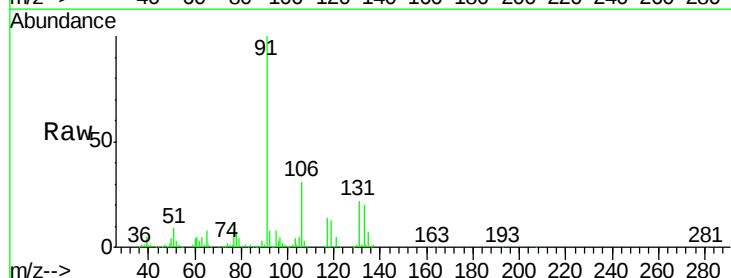
Tgt Ion:131 Resp: 62613

Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.8

119 63.6 31.7 95.1

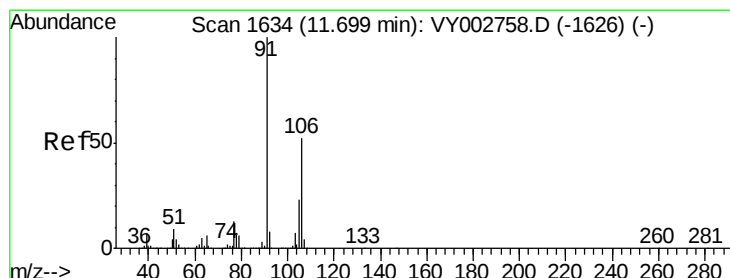
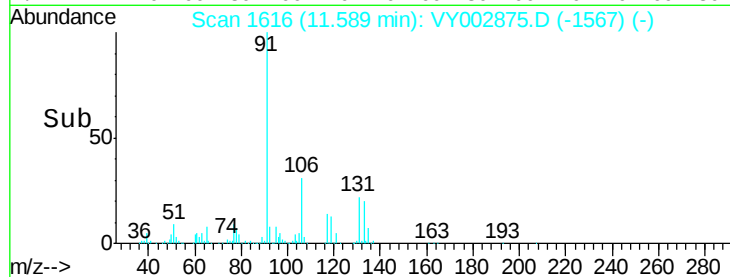
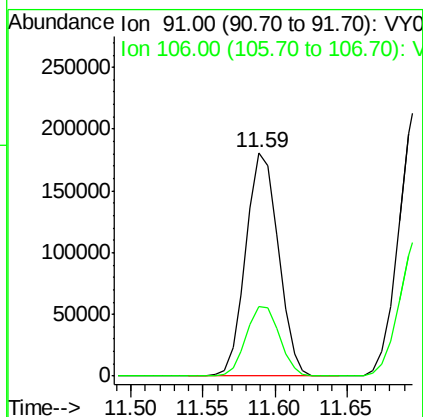
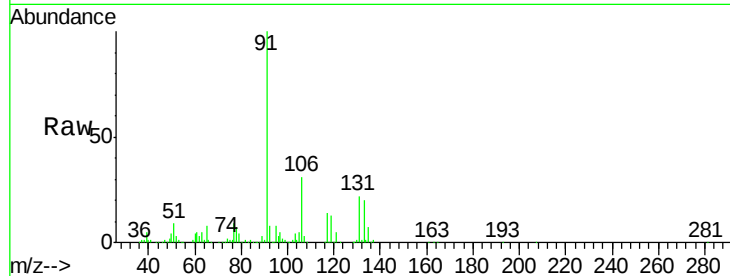




#67
Ethyl Benzene
Concen: 21.122 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

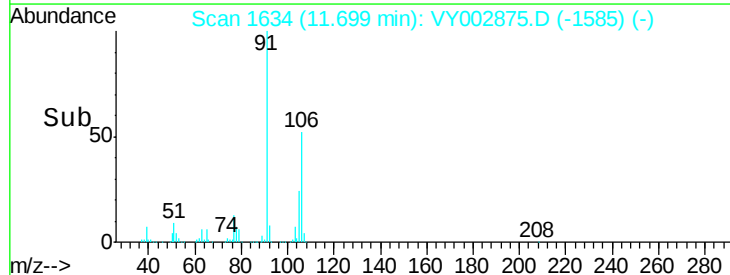
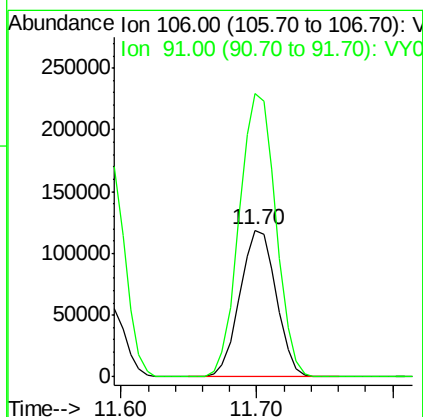
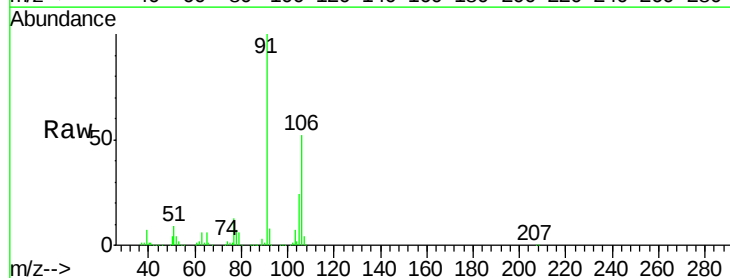
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tot Ion: 91 Resp: 283506
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 42.424 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion: 106 Resp: 220781
Ion Ratio Lower Upper
106 100
91 195.3 156.0 234.0

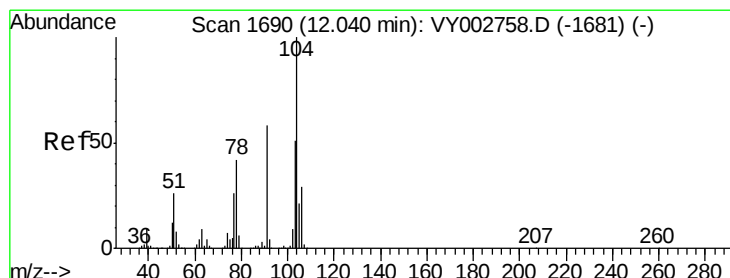
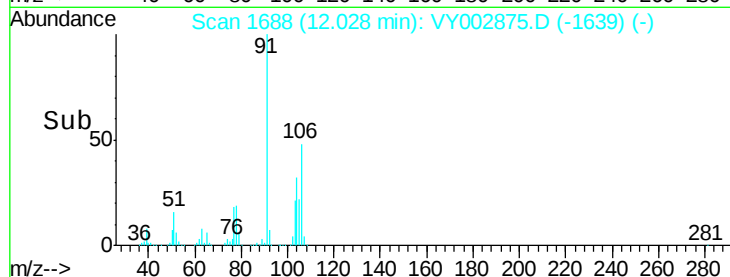
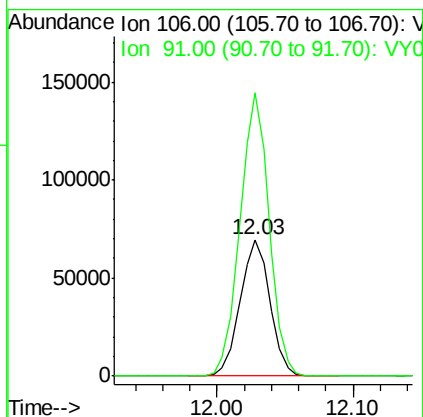
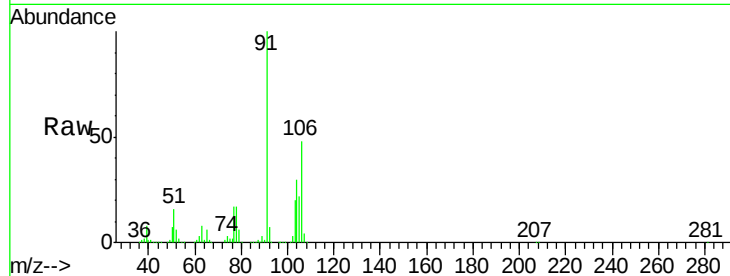




#69
o-Xylene
Concen: 21.632 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

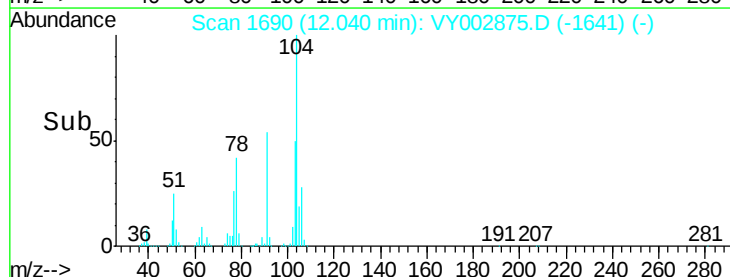
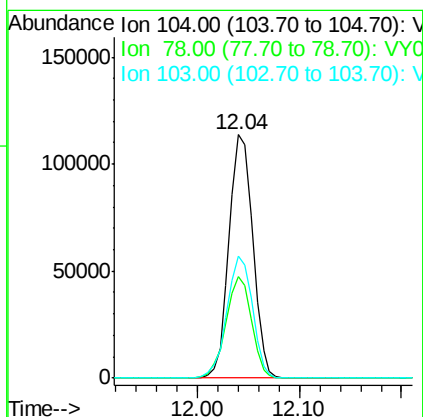
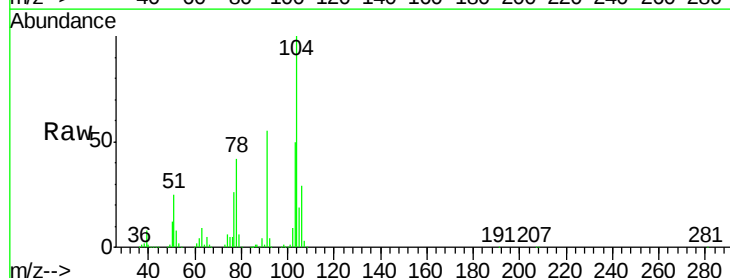
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01

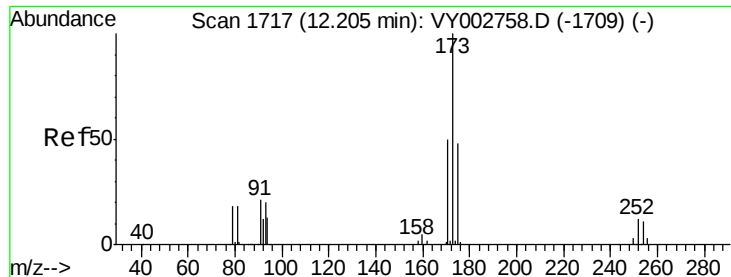
Tot Ion:106 Resp: 106276
Ion Ratio Lower Upper
106 100
91 202.5 102.4 307.1



#70
Styrene
Concen: 21.501 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion:104 Resp: 183117
Ion Ratio Lower Upper
104 100
78 44.9 36.2 54.4
103 53.9 43.6 65.4





#71

Bromoform

Concen: 21.395 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

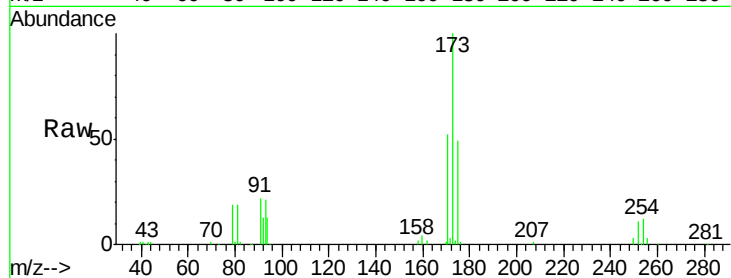
Tot Ion:173 Resp: 41746

Ion Ratio Lower Upper

173 100

175 49.6 24.3 72.8

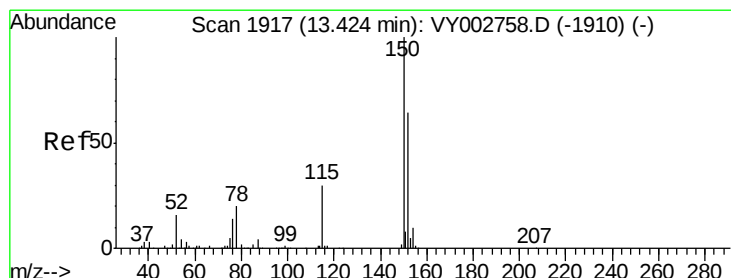
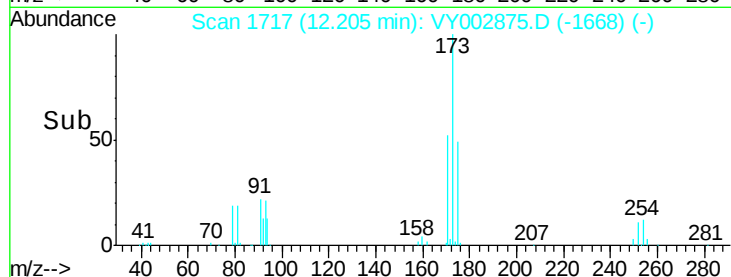
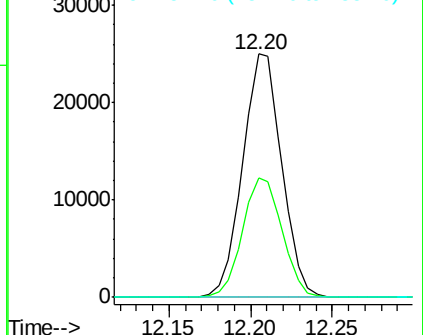
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

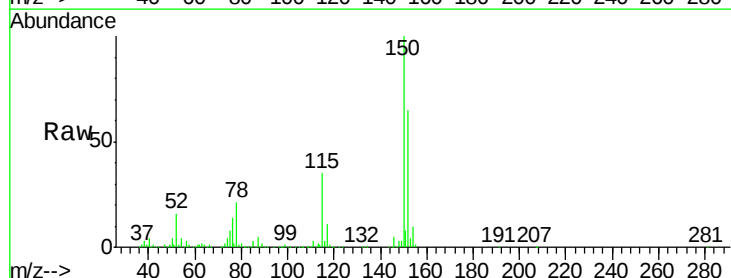
Tgt Ion:152 Resp: 216719

Ion Ratio Lower Upper

152 100

115 53.7 27.0 81.0

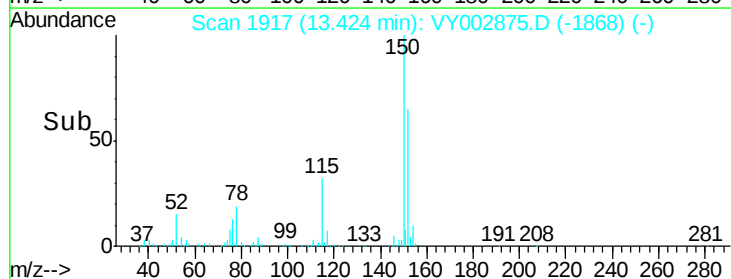
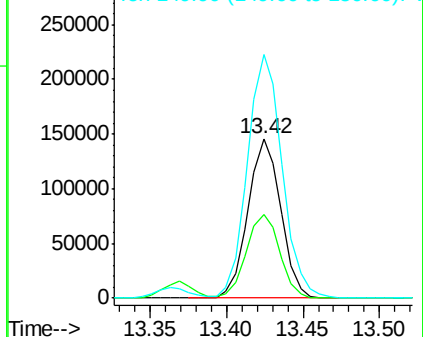
150 162.6 0.0 344.8

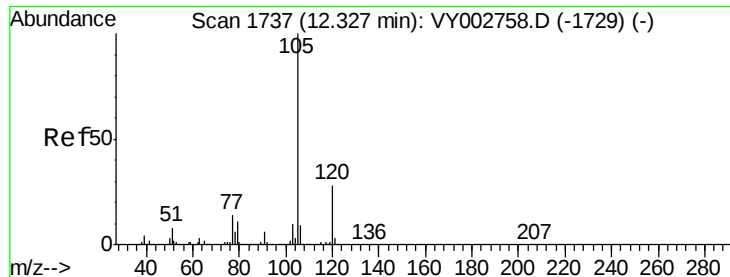


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.622 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

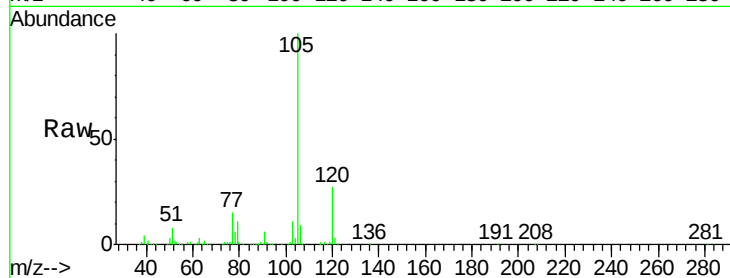
VY0610SBSD01

Tot Ion: 105 Resp: 286410

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

150000

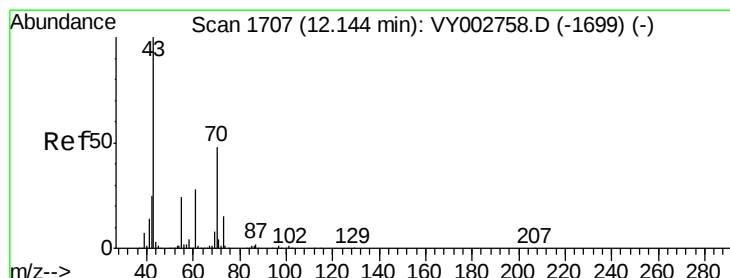
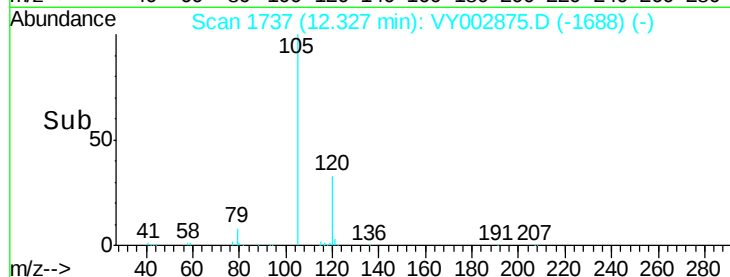
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 20.727 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Tgt Ion: 43 Resp: 73861

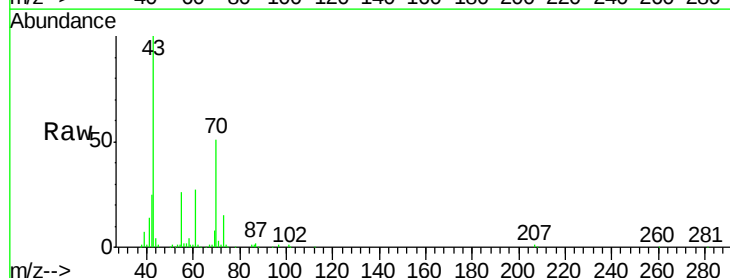
Ion Ratio Lower Upper

43 100

70 48.7 37.7 56.5

55 25.7 19.8 29.6

61 26.3 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

60000

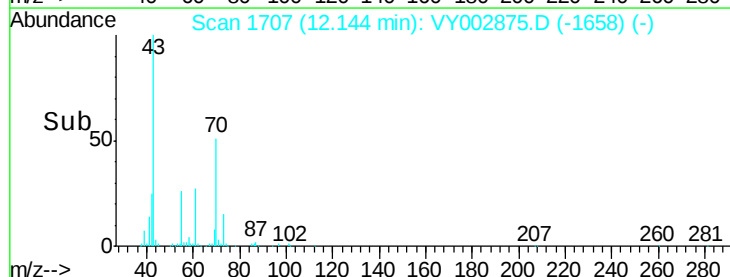
40000

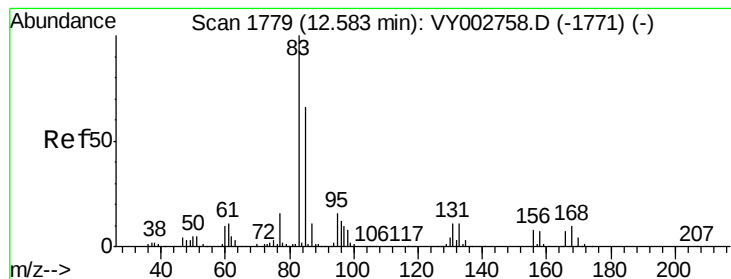
20000

0

Time-->

12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 21.850 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

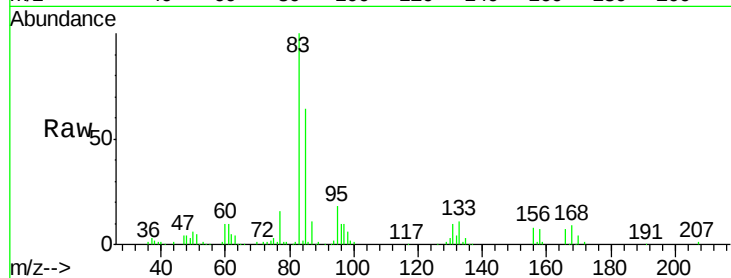
Tot Ion: 83 Resp: 53244

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

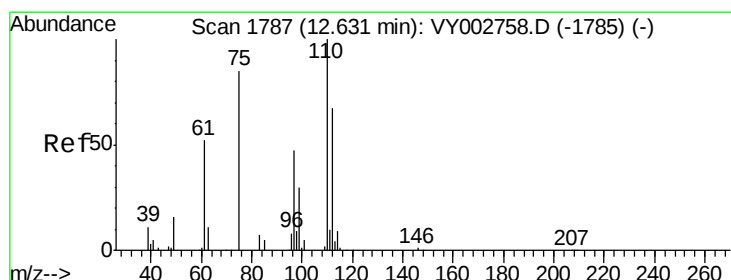
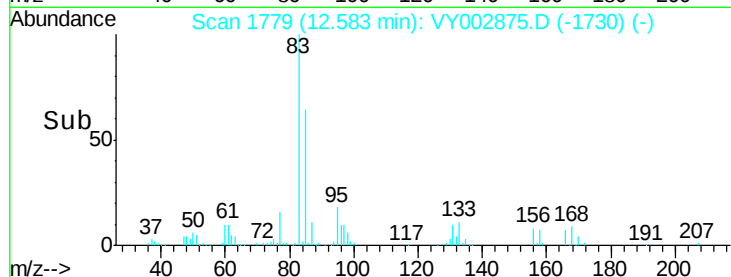
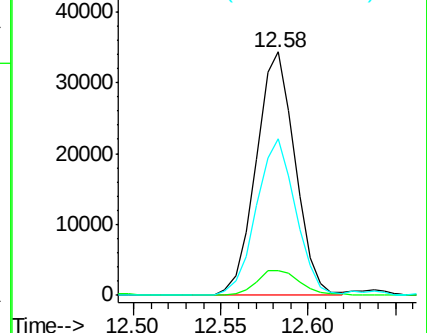
85 64.9 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 20.986 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002875.D

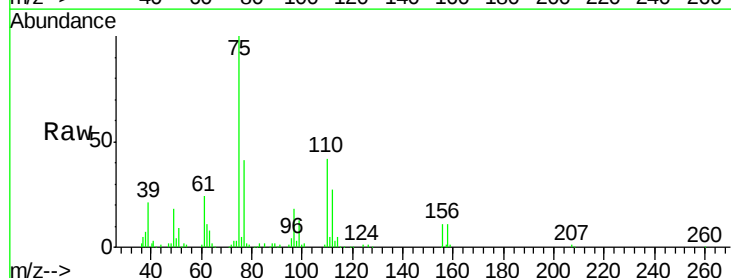
Acq: 10 Jun 2020 11:43

Tgt Ion: 75 Resp: 40981

Ion Ratio Lower Upper

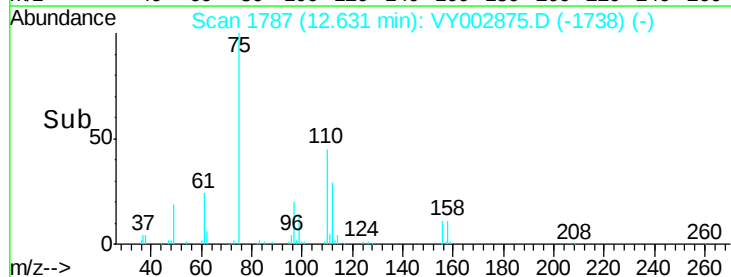
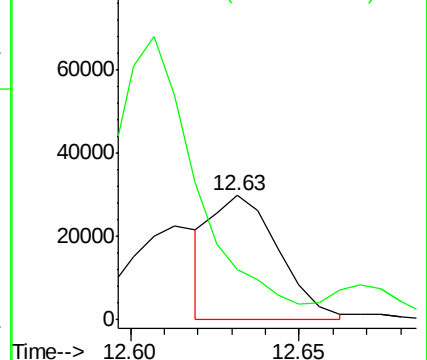
75 100

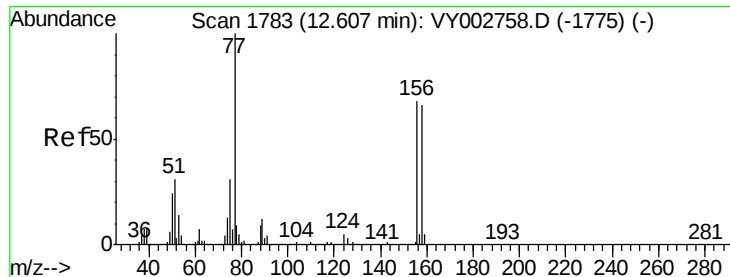
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.954 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

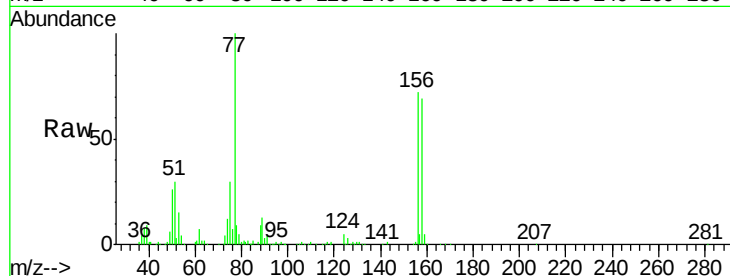
Tot Ion:156 Resp: 75776

Ion Ratio Lower Upper

156 100

77 159.0 81.4 244.2

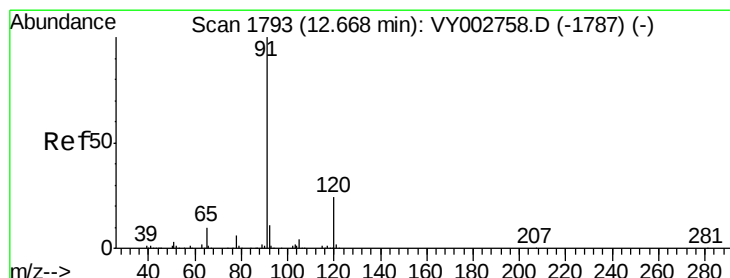
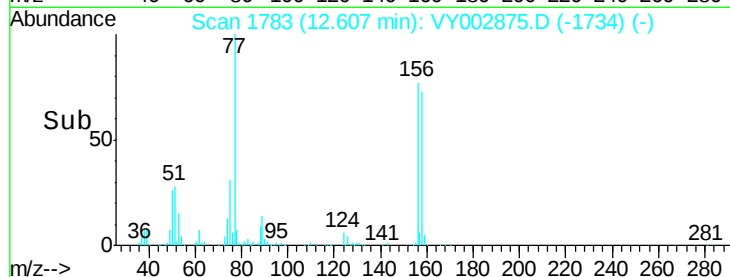
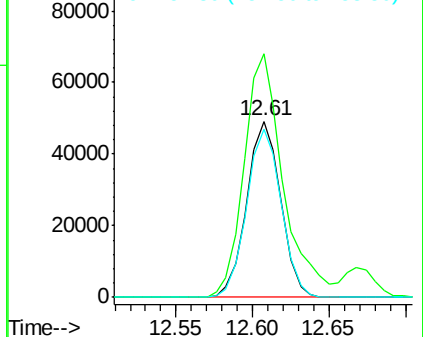
158 97.0 48.5 145.6



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: 20.662 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002875.D

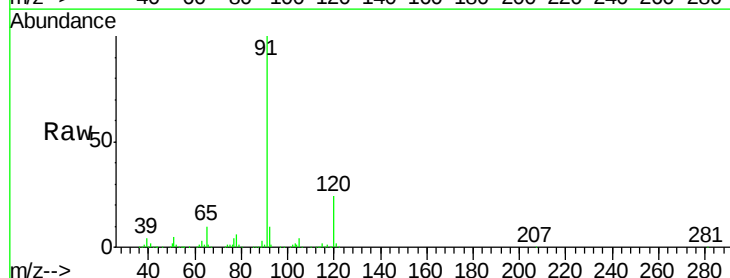
Acq: 10 Jun 2020 11:43

Tgt Ion: 91 Resp: 331466

Ion Ratio Lower Upper

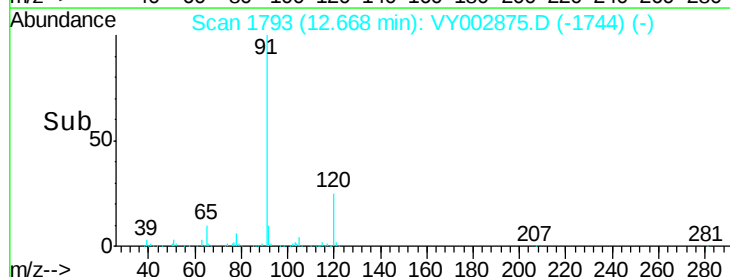
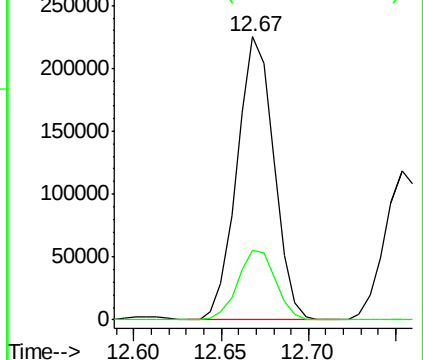
91 100

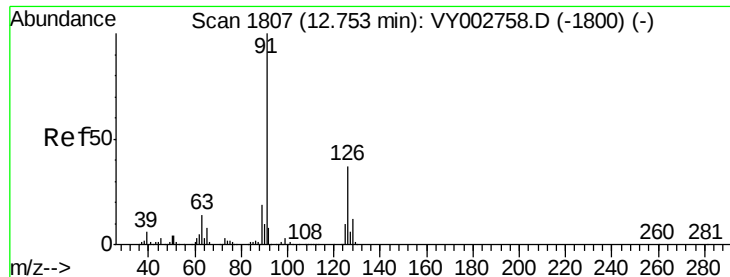
120 25.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.599 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

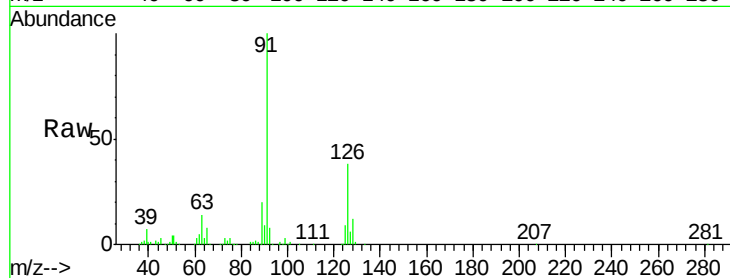
VY0610SBSD01

Tot Ion: 91 Resp: 185368

Ion Ratio Lower Upper

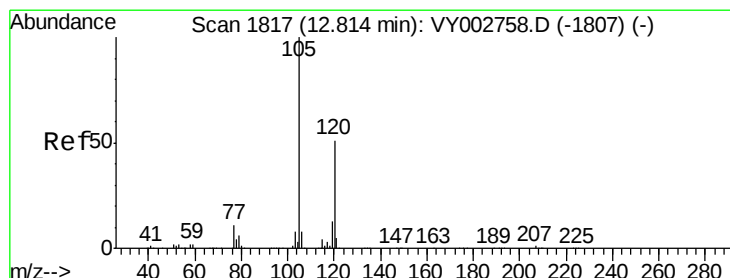
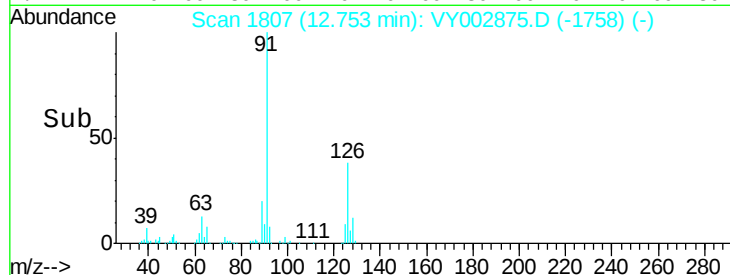
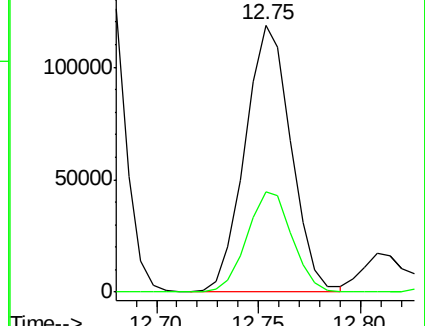
91 100

126 37.2 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: 20.859 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002875.D

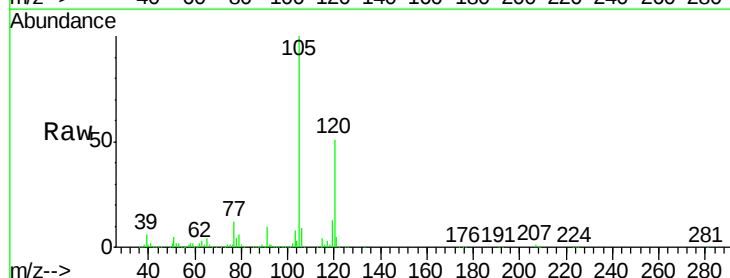
Acq: 10 Jun 2020 11:43

Tgt Ion: 105 Resp: 241886

Ion Ratio Lower Upper

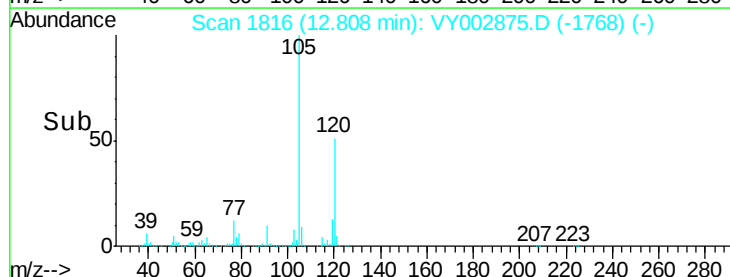
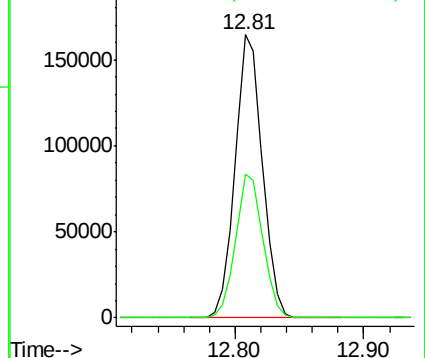
105 100

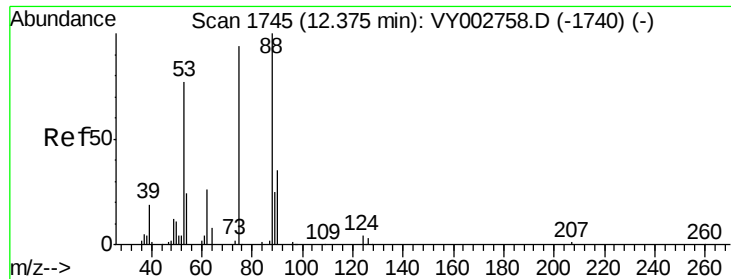
120 51.0 25.3 75.8



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: 21.524 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

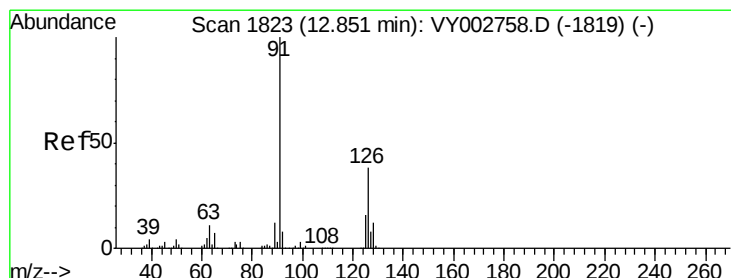
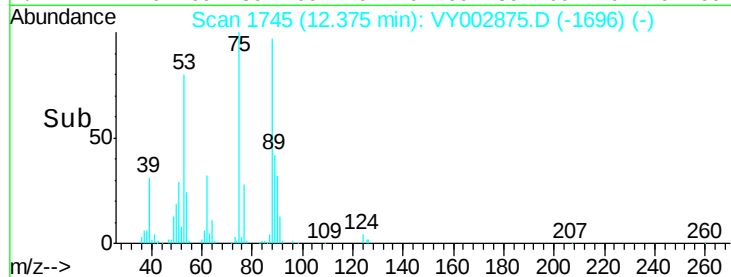
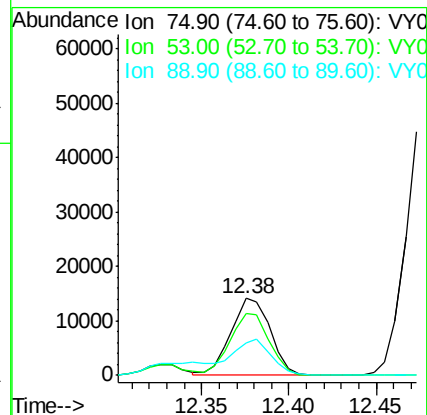
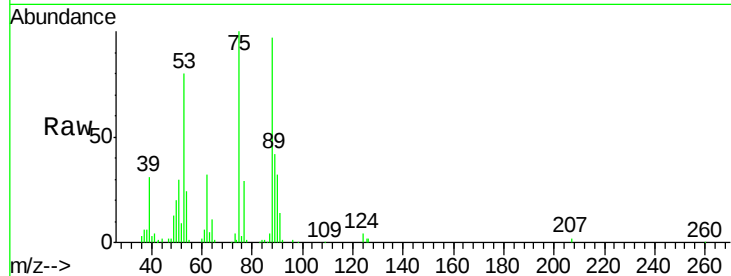
Tot Ion: 75 Resp: 22310

Ion Ratio Lower Upper

75 100

53 79.6 64.0 96.0

89 71.7 37.4 56.2#



#82

4-Chlorotoluene

Concen: 20.694 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002875.D

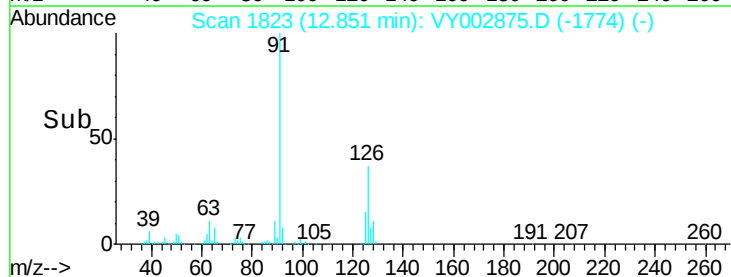
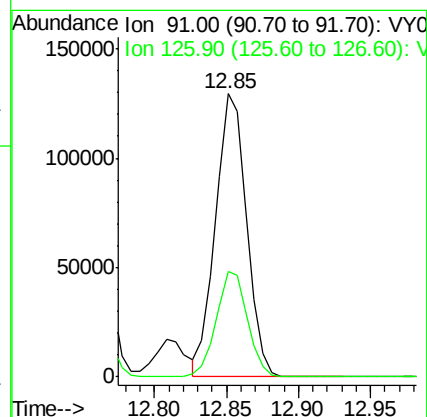
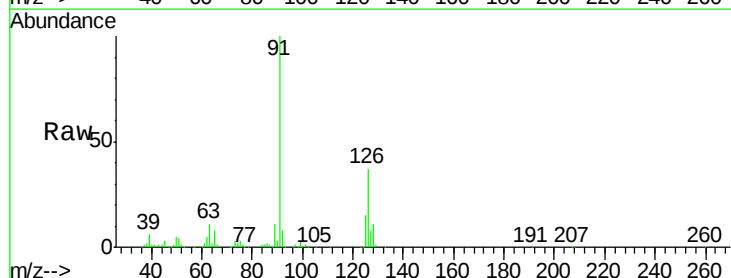
Acq: 10 Jun 2020 11:43

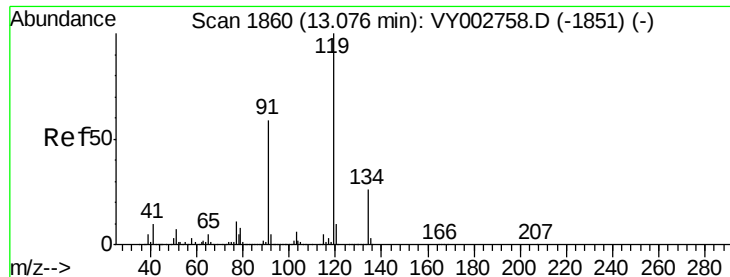
Tgt Ion: 91 Resp: 195108

Ion Ratio Lower Upper

91 100

126 37.5 18.5 55.5

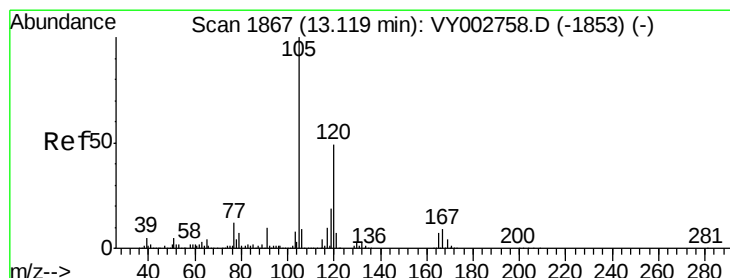
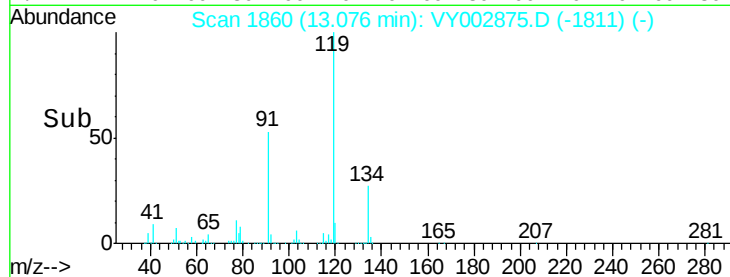
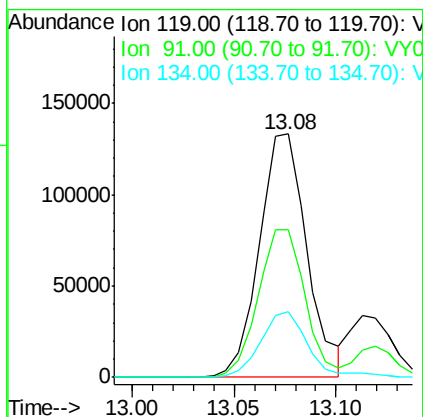
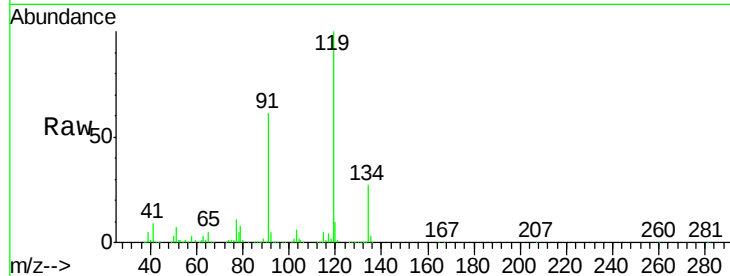




#83
 tert-Butylbenzene
 Concen: 20.952 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

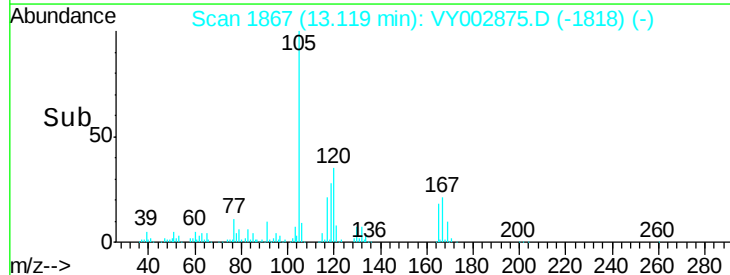
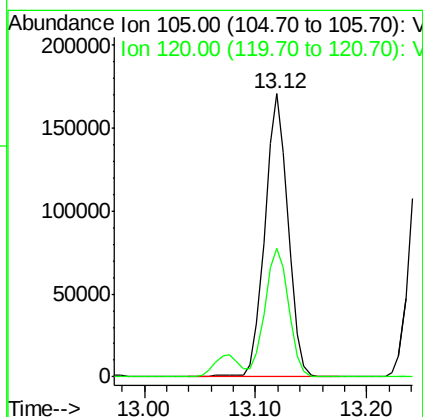
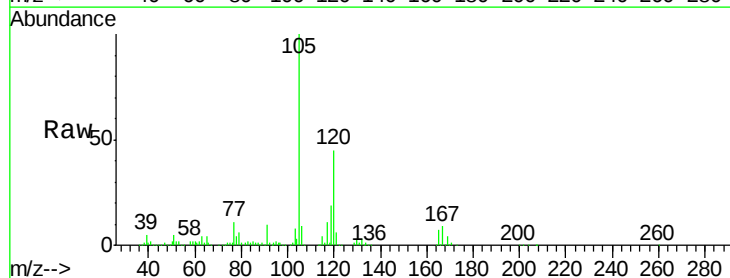
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBSD01

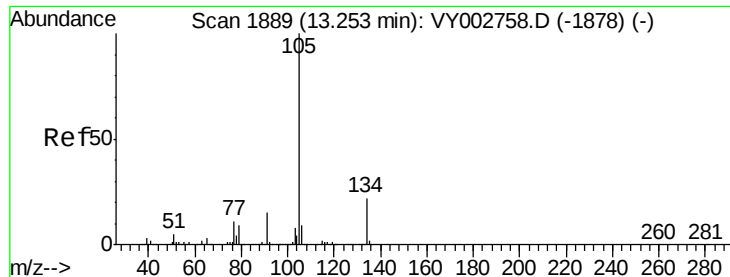
Tot Ion:119 Resp: 216722
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.8 89.4
 134 27.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.232 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion:105 Resp: 247568
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.6 70.8

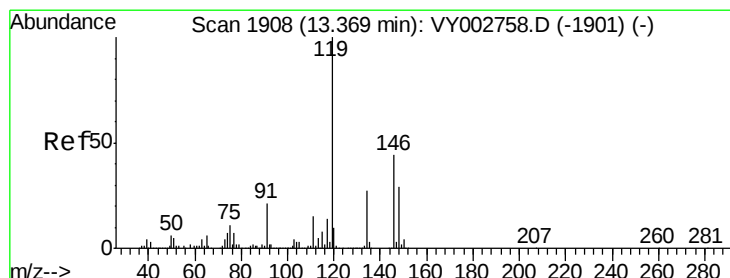
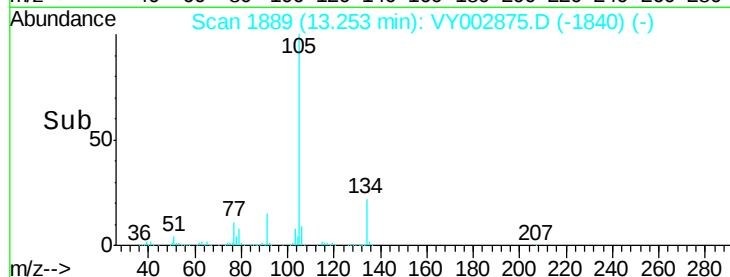
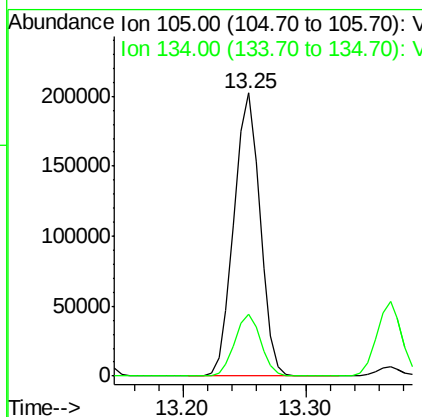
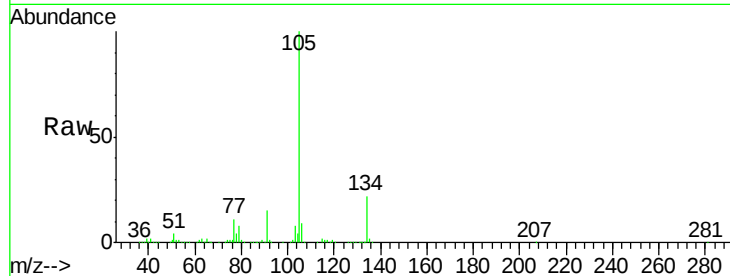




#85
 sec-Butylbenzene
 Concen: 21.072 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

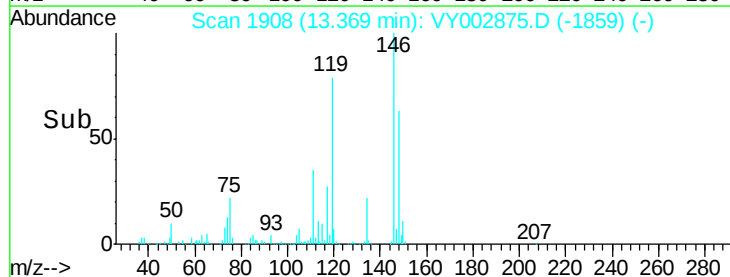
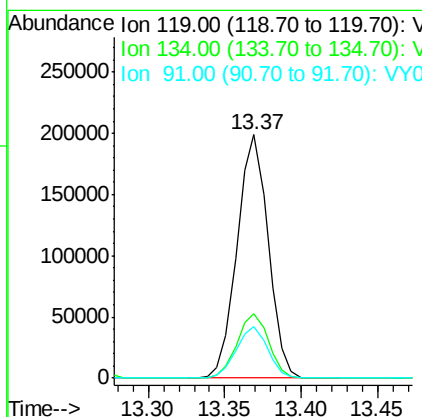
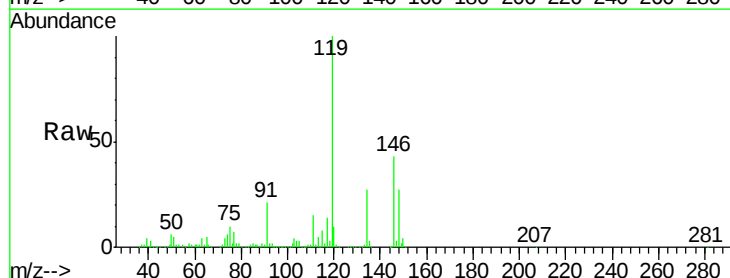
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

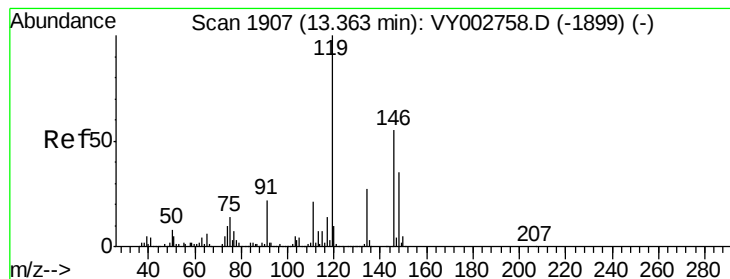
Tot Ion:105 Resp: 298030
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 21.271 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion:119 Resp: 279929
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.7 41.0
 91 21.5 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 21.002 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

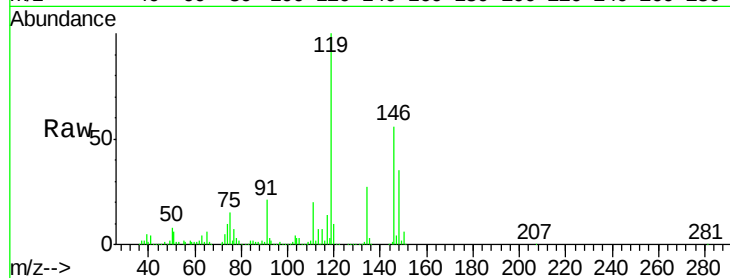
Tot Ion:146 Resp: 143865

Ion Ratio Lower Upper

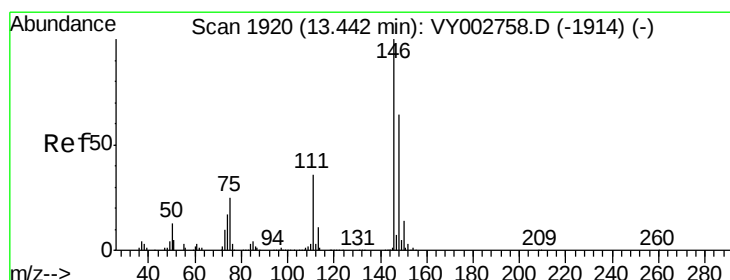
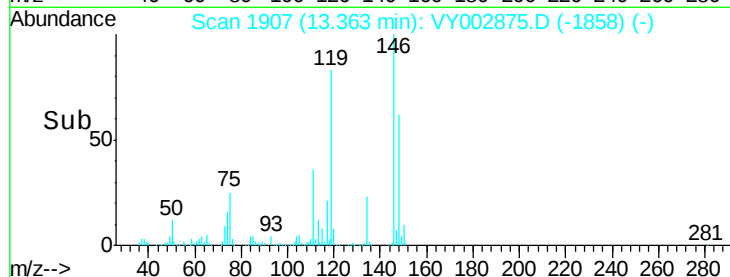
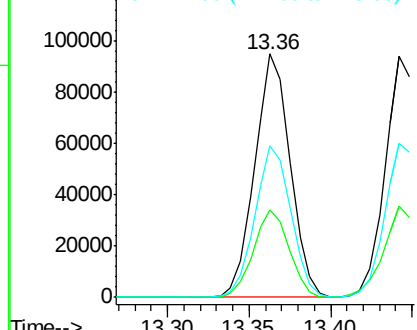
146 100

111 36.4 18.4 55.0

148 63.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.798 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY002875.D

Acq: 10 Jun 2020 11:43

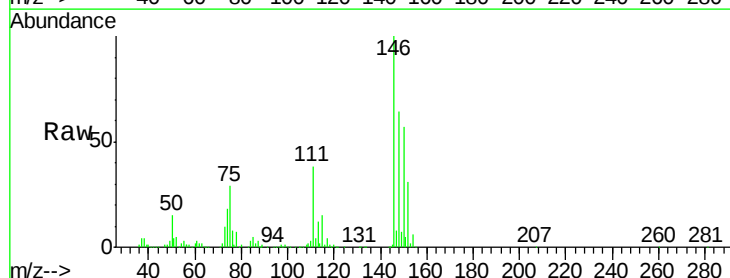
Tgt Ion:146 Resp: 142517

Ion Ratio Lower Upper

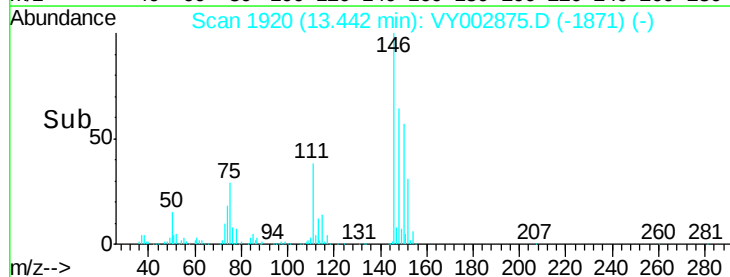
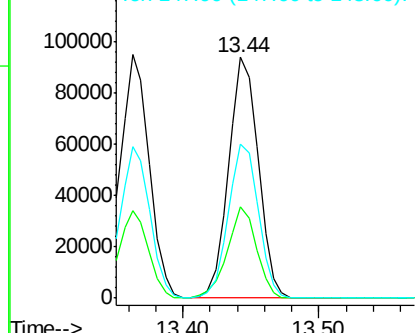
146 100

111 37.5 18.1 54.3

148 65.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

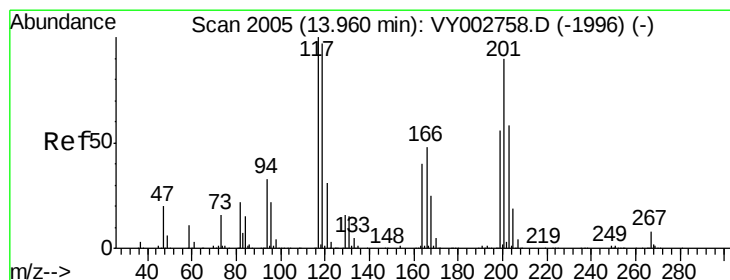
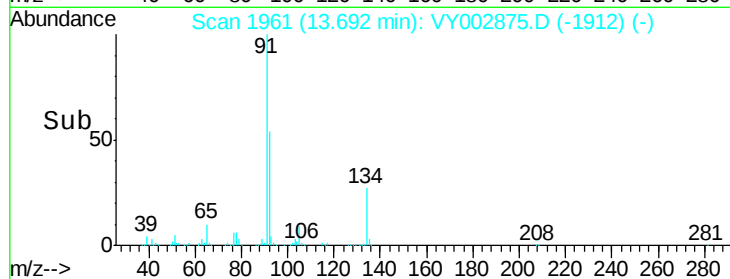
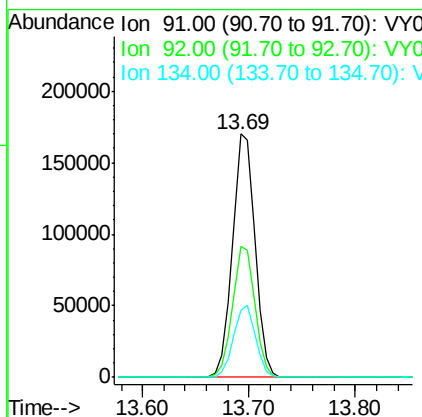
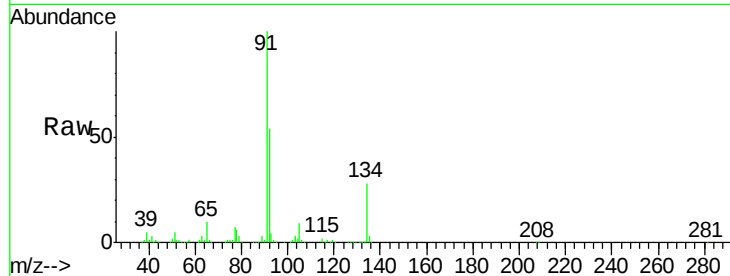




#89
n-Butylbenzene
Concen: 21.201 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

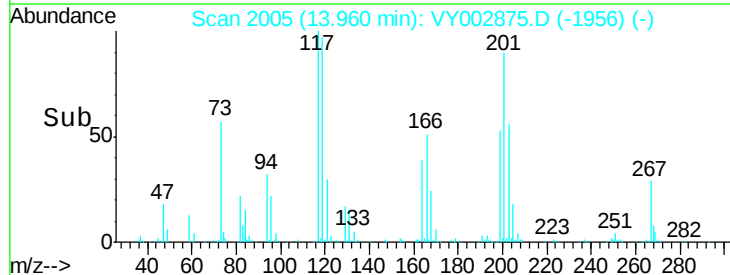
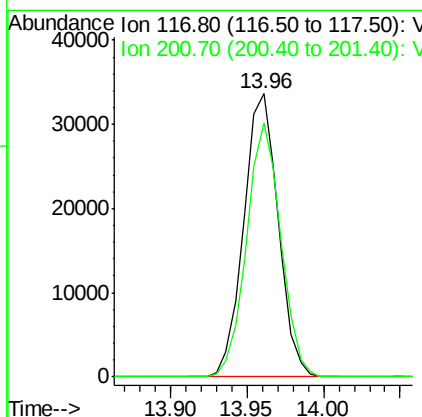
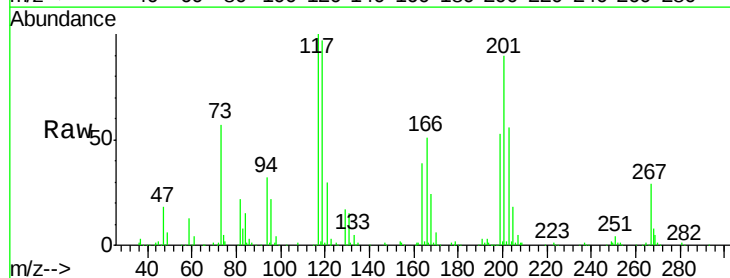
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tot Ion: 91 Resp: 253315
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 28.9 14.3 42.9



#90
Hexachloroethane
Concen: 21.351 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion: 117 Resp: 52604
Ion Ratio Lower Upper
117 100
201 89.0 43.9 131.6

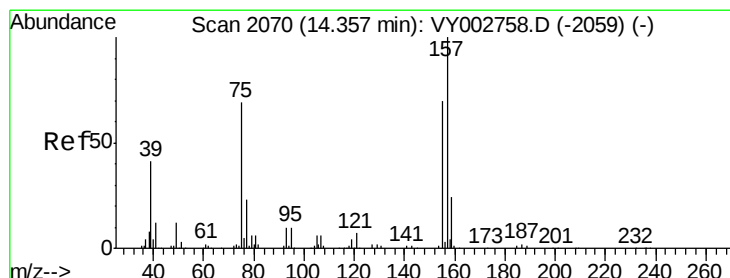
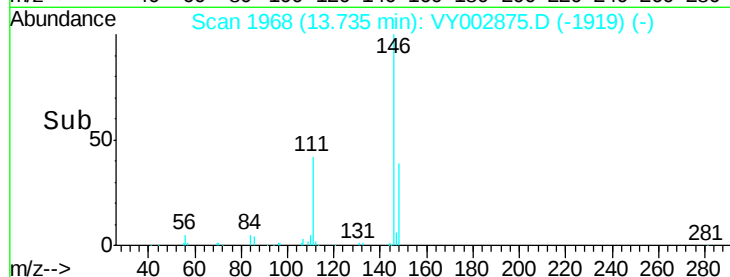
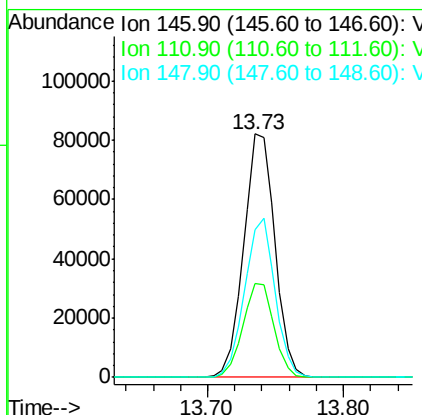
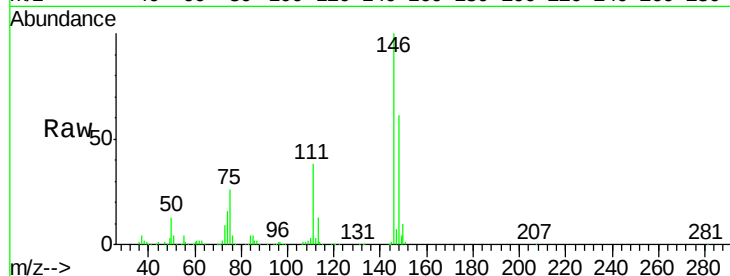




#91
 1,2-Dichlorobenzene
 Concen: 21.221 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

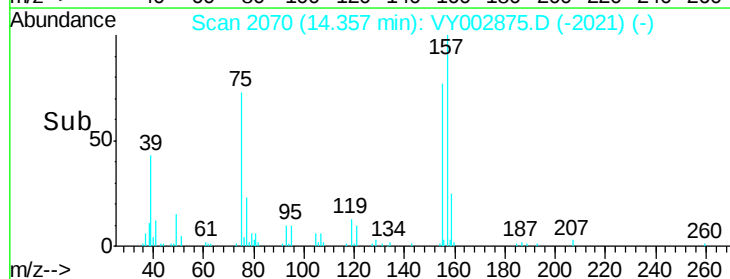
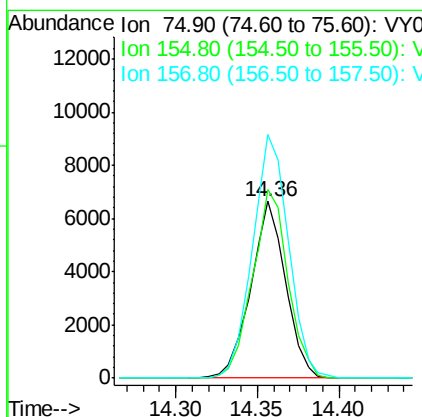
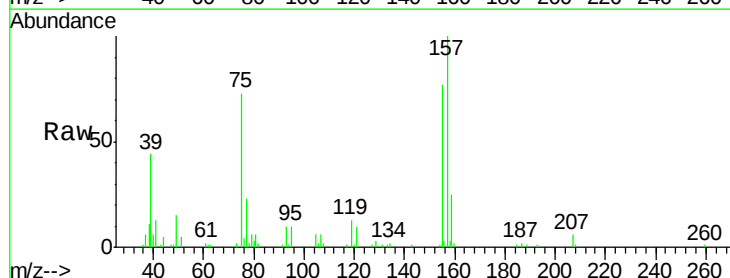
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBSD01

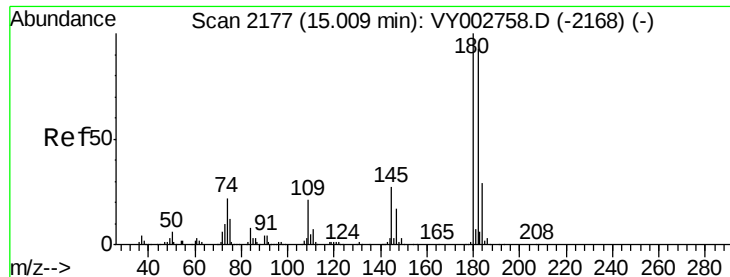
Tot Ion:146 Resp: 131832
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 63.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.053 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion: 75 Resp: 9870
 Ion Ratio Lower Upper
 75 100
 155 108.5 53.5 160.5
 157 142.4 69.9 209.7

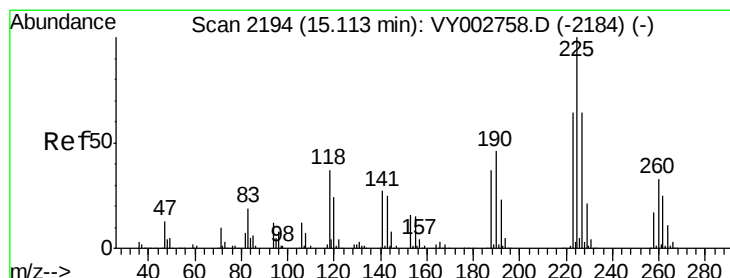
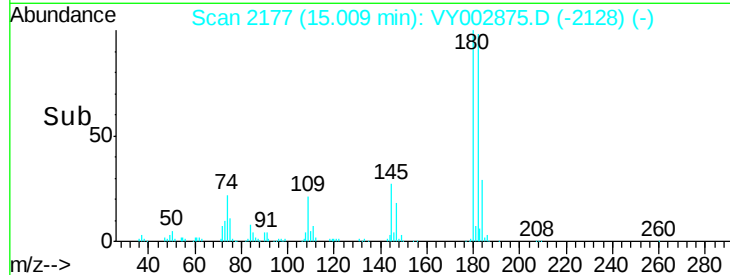
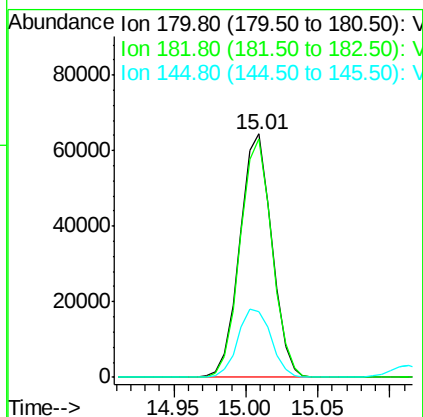
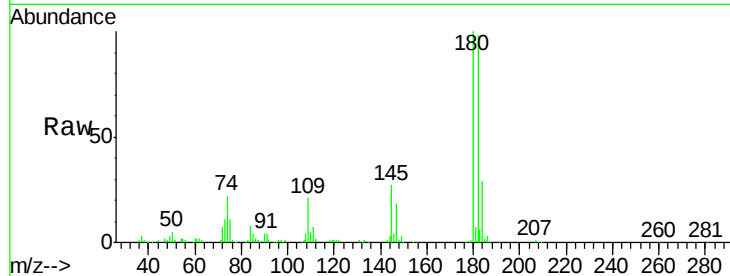




#93
 1,2,4-Trichlorobenzene
 Concen: 21.201 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

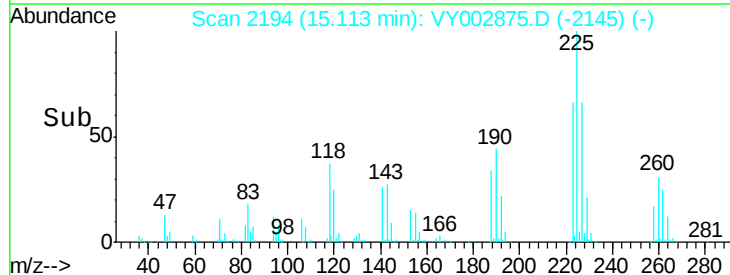
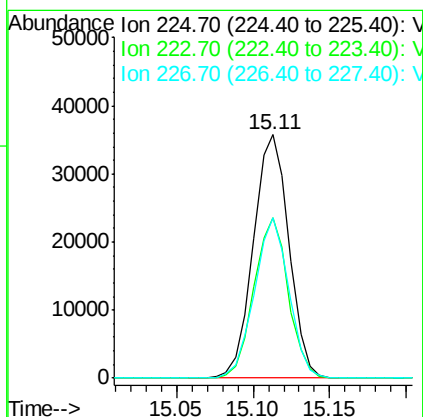
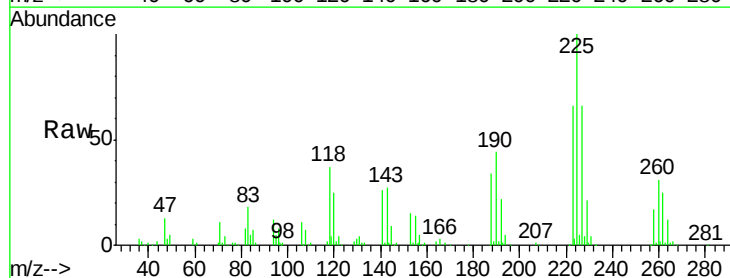
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

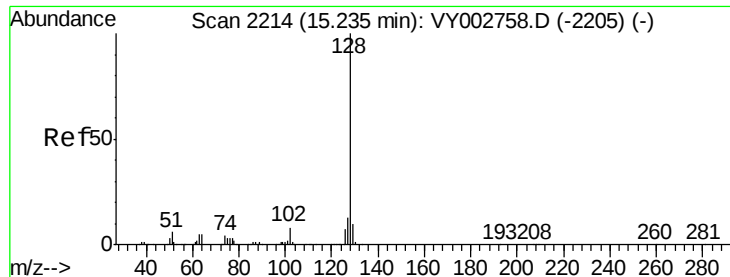
Tot Ion:180 Resp: 99274
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.3 141.9
 145 29.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.739 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002875.D
 Acq: 10 Jun 2020 11:43

Tgt Ion:225 Resp: 57734
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 95.0
 227 63.8 32.3 96.9

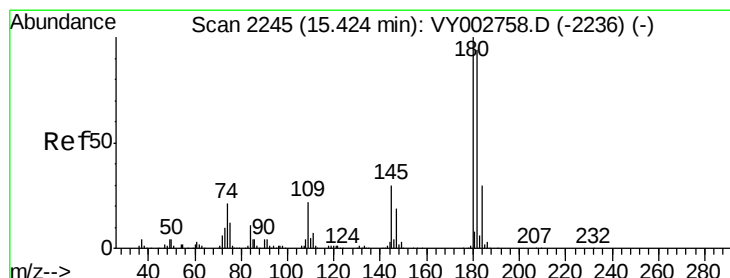
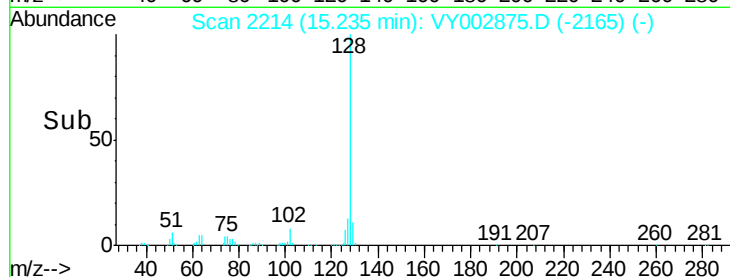
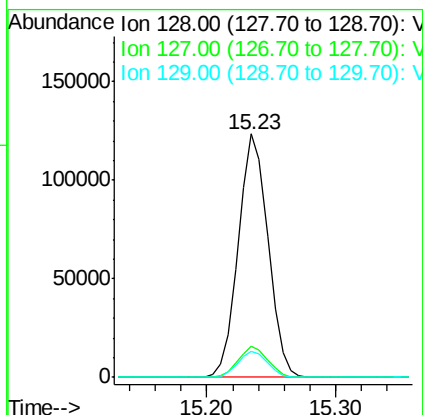
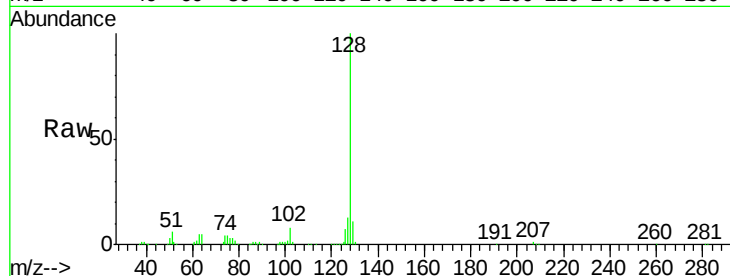




#95
Naphthalene
Concen: 21.026 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tot Ion:128 Resp: 197407
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.594 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002875.D
Acq: 10 Jun 2020 11:43

Tgt Ion:180 Resp: 90293
Ion Ratio Lower Upper
180 100
182 93.4 48.1 144.4
145 29.9 15.1 45.3

