

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002863.D
 Acq On : 09 Jun 2020 10:46
 Operator : SY/MD
 Sample : VY0609SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBL01

Quant Time: Jun 10 05:08:52 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	251086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	403539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192465	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	125576	57.60	ug/l	0.00
Spiked Amount			Recovery	=	115.20%	
35) Dibromofluoromethane	7.72	113	123875	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
50) Toluene-d8	10.18	98	472600	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.48	95	162808	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	

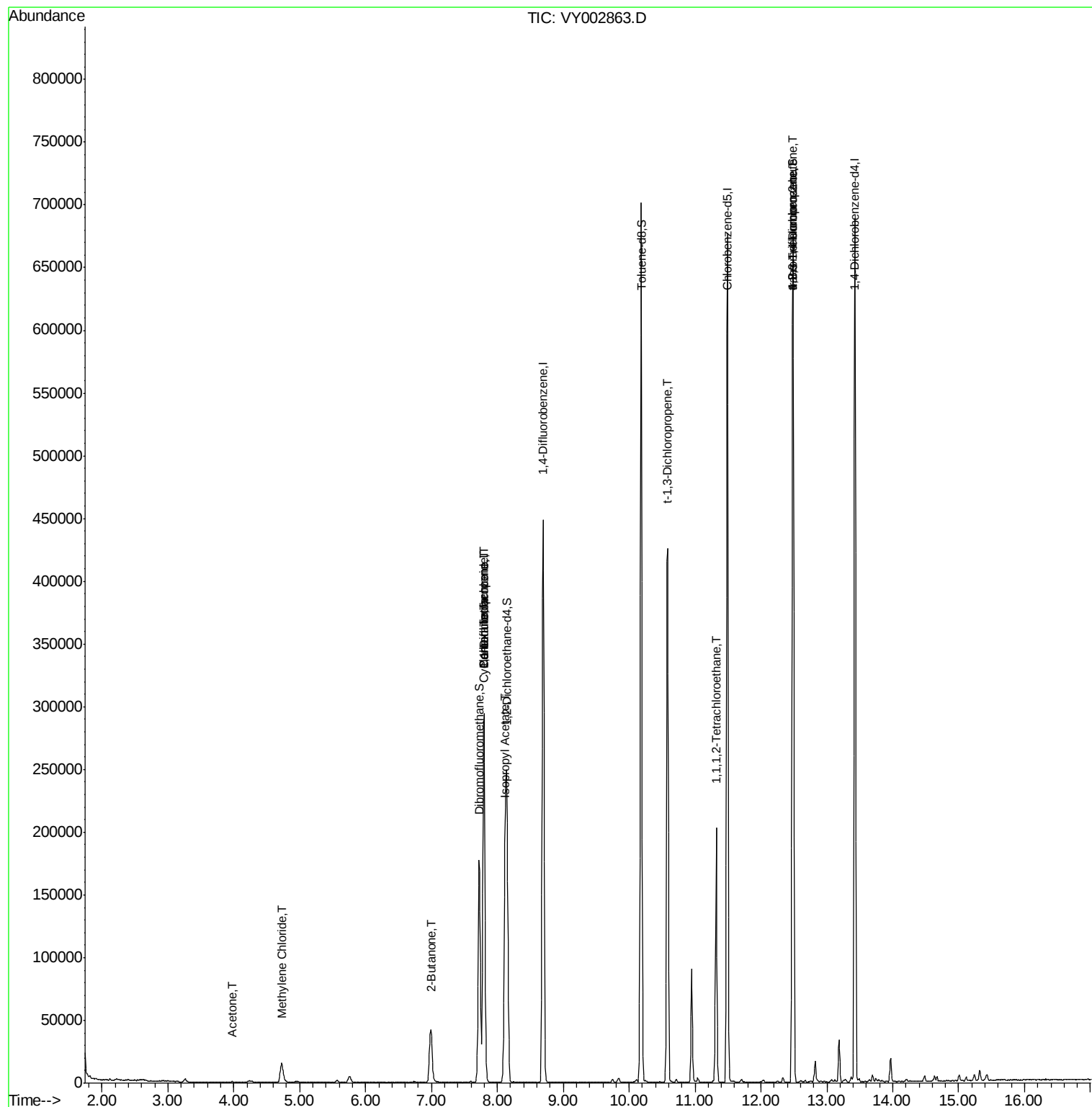
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	478	Below Cal	#	74
16) Acetone	3.97	43	1281	2.506	ug/l	96
18) Methyl Acetate	4.49	43	558	Below Cal	#	65
20) Methylene Chloride	4.72	84	12331	4.936	ug/l	97
25) 2-Butanone	7.00	43	2265	2.844	ug/l #	74
31) Cyclohexane	7.78	56	3861	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14985	4.408	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22326	5.912	ug/l #	17
43) Isopropyl Acetate	8.11	43	3830	1.093	ug/l #	1
53) t-1,3-Dichloropropene	10.58	75	4295	1.166	ug/l #	60
66) 1,1,1,2-Tetrachloroethane	11.32	131	3159	1.090	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	80225	46.260	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80225	87.153	ug/l #	17

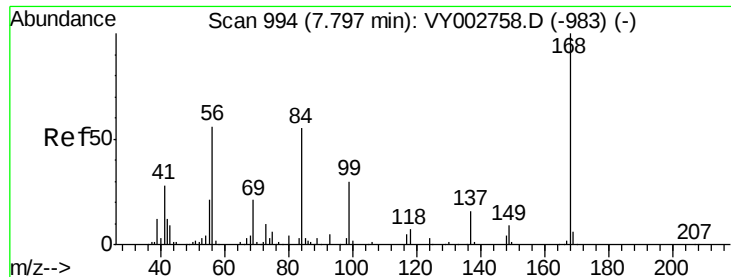
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
Data File : VY002863.D
Acq On : 09 Jun 2020 10:46
Operator : SY/MD
Sample : VY0609SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

Quant Time: Jun 10 05:08:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002863.D

Acq: 09 Jun 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

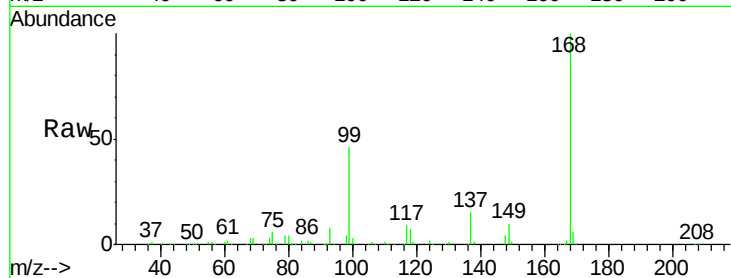
VY0609SBL01

Tot Ion:168 Resp: 251086

Ion Ratio Lower Upper

168 100

99 46.4 39.0 58.4



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

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

7.80

120000

100000

80000

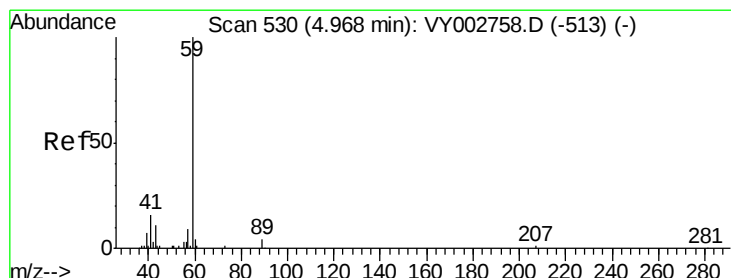
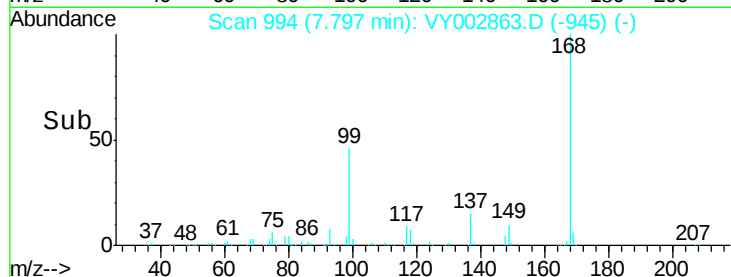
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY002863.D

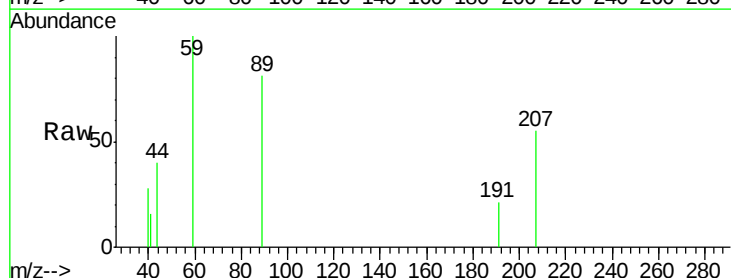
Acq: 09 Jun 2020 10:46

Tgt Ion: 59 Resp: 478

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002758.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002758.D (-513) (-)

4.97

400

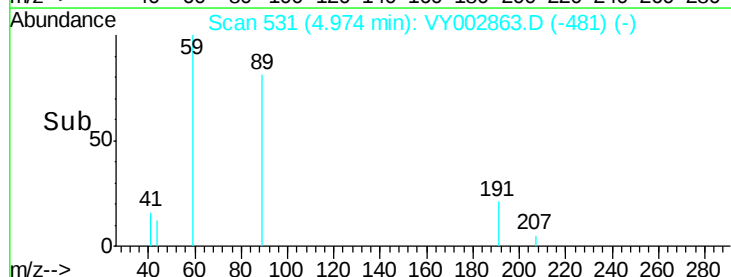
300

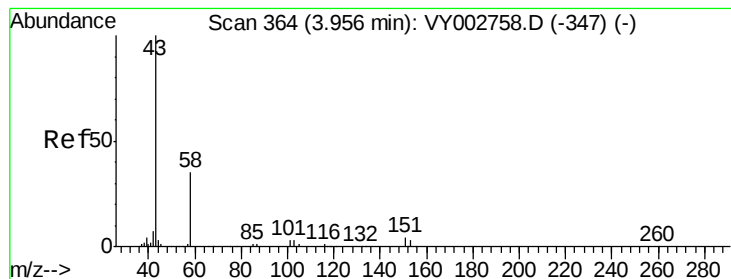
200

100

0

Time-->





#16

Acetone

Concen: 2.506 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002863.D

Acq: 09 Jun 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

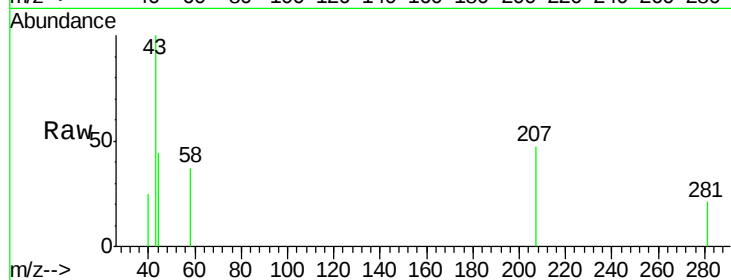
VY0609SBL01

Tot Ion: 43 Resp: 1281

Ion Ratio Lower Upper

43 100

58 37.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

500

400

300

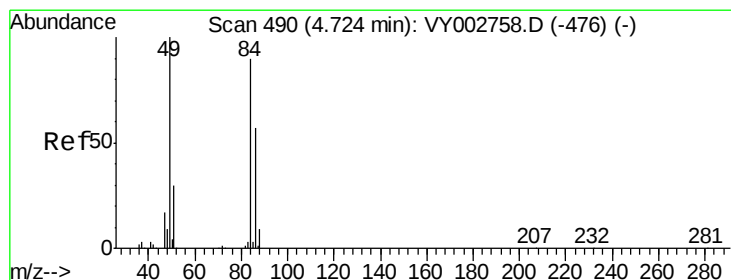
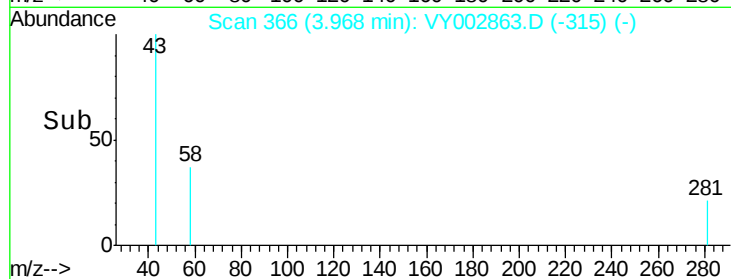
200

100

0

Time-->

3.90 3.95 4.00 4.05



#20

Methylene Chloride

Concen: 4.936 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY002863.D

Acq: 09 Jun 2020 10:46

Tgt Ion: 84 Resp: 12331

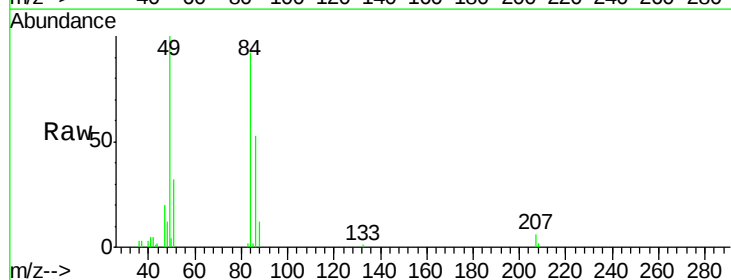
Ion Ratio Lower Upper

84 100

49 109.2 88.5 132.7

51 34.5 26.8 40.2

86 57.5 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

6000

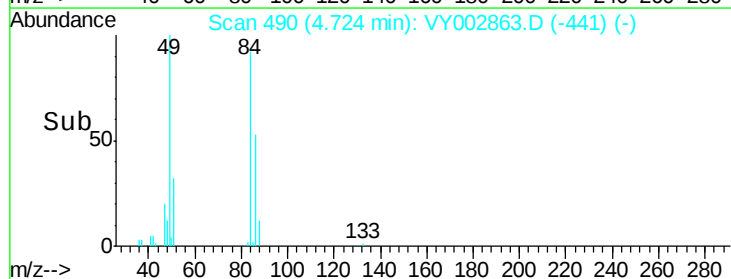
4000

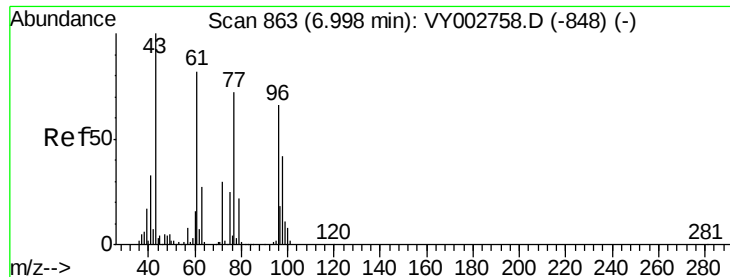
2000

0

Time-->

4.60 4.70 4.80

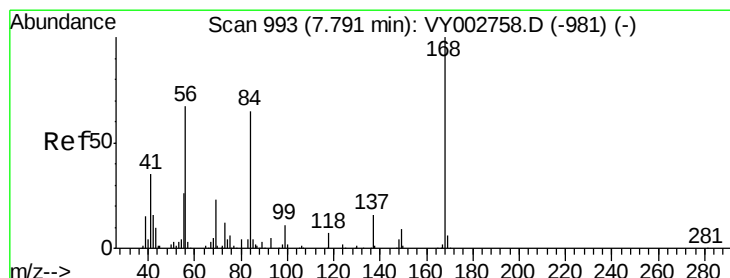
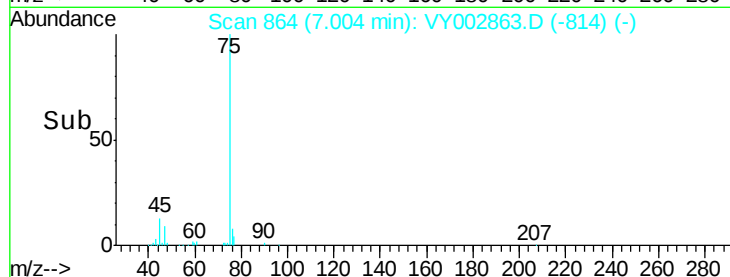
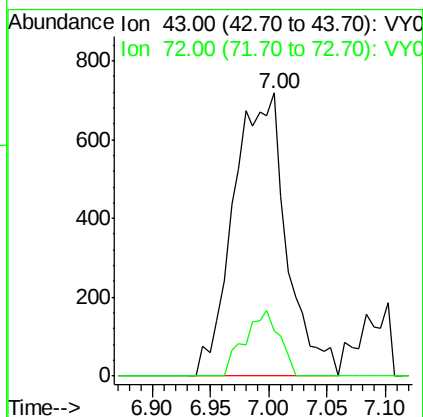
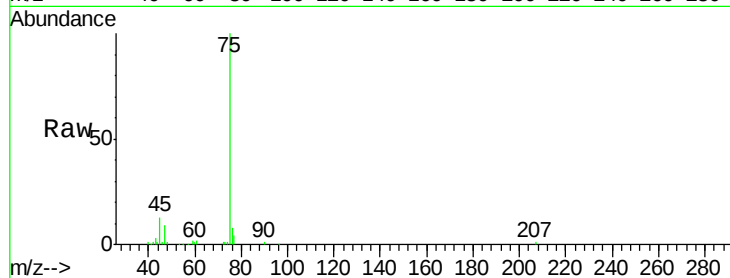




#25
2-Butanone
Concen: 2.844 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY002863.D
Acq: 09 Jun 2020 10:46

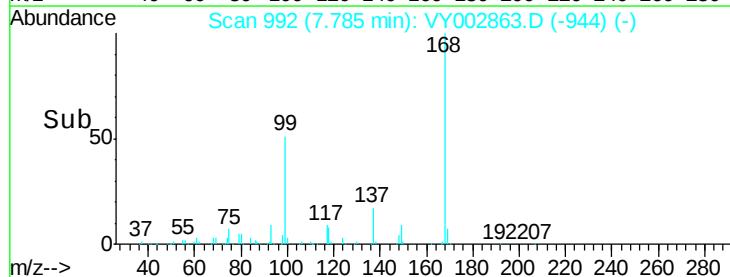
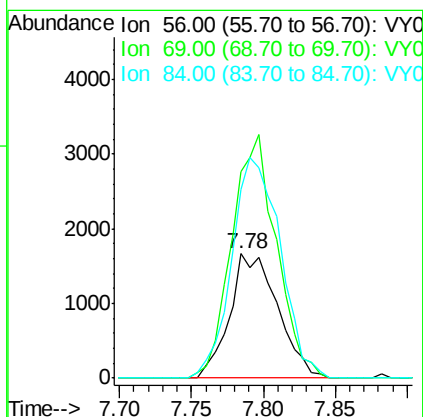
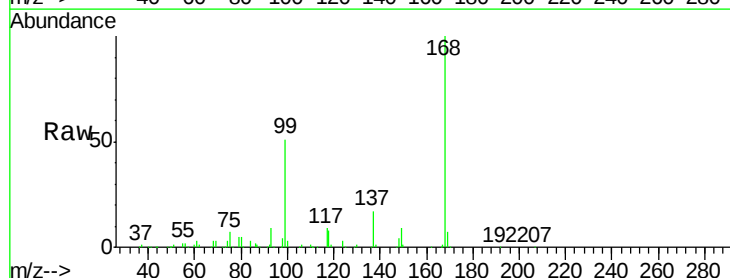
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

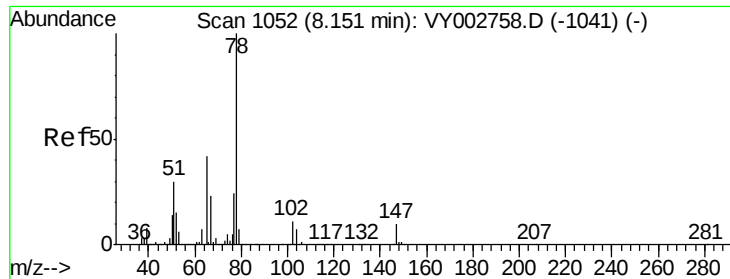
Tot Ion: 43 Resp: 2265
Ion Ratio Lower Upper
43 100
72 15.9 23.9 35.9#



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY002863.D
Acq: 09 Jun 2020 10:46

Tgt Ion: 56 Resp: 3861
Ion Ratio Lower Upper
56 100
69 165.9 28.0 42.0#
84 151.9 77.7 116.5#

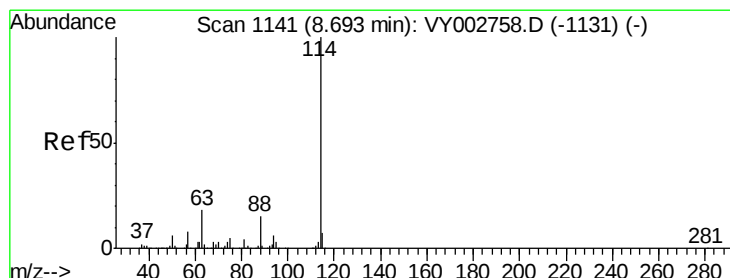
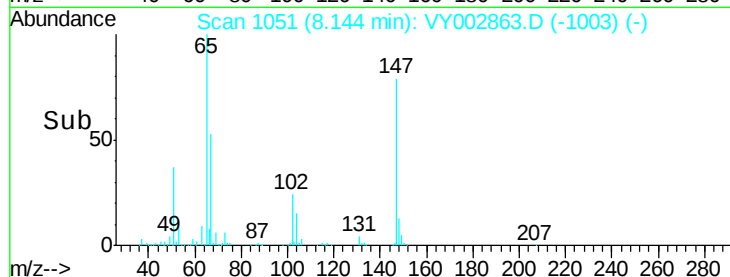
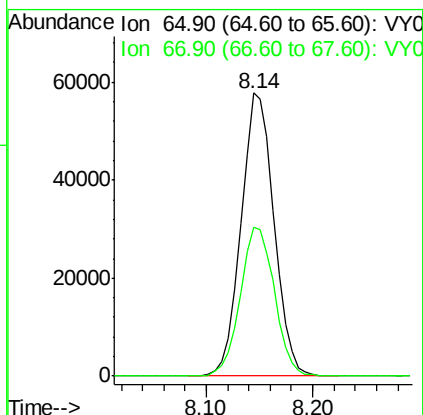
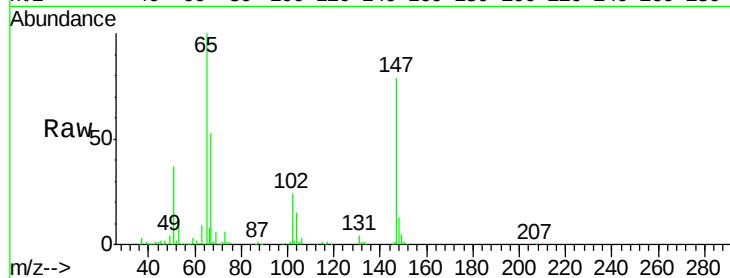




#33
 1,2-Dichloroethane-d4
 Concen: 57.600 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002863.D
 Acq: 09 Jun 2020 10:46

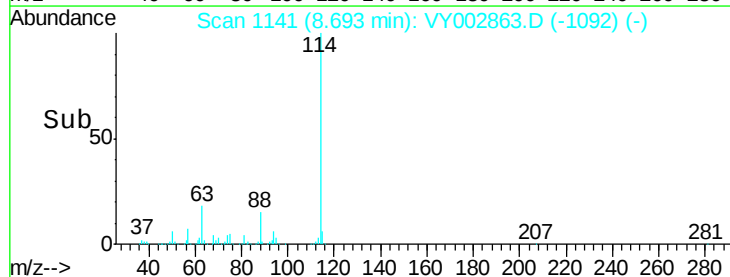
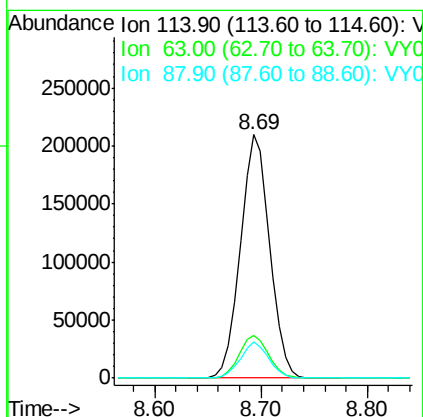
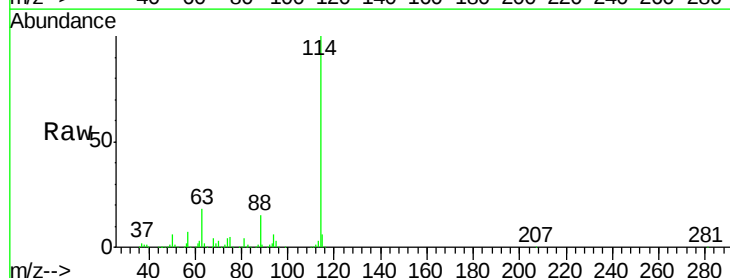
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBL01

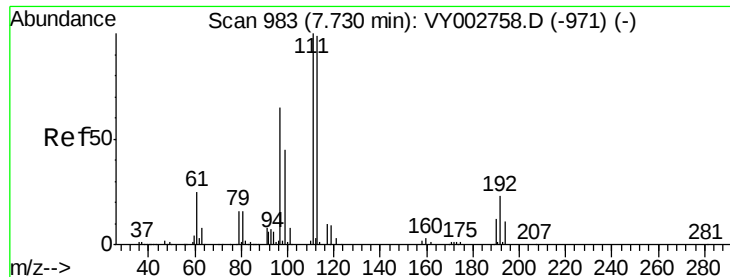
Tot Ion: 65 Resp: 125576
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002863.D
 Acq: 09 Jun 2020 10:46

Tgt Ion: 114 Resp: 403539
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.8 0.0 29.2

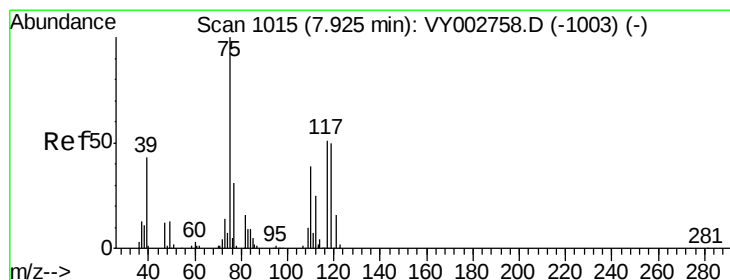
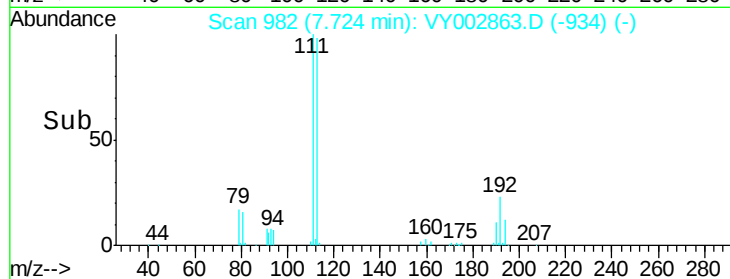
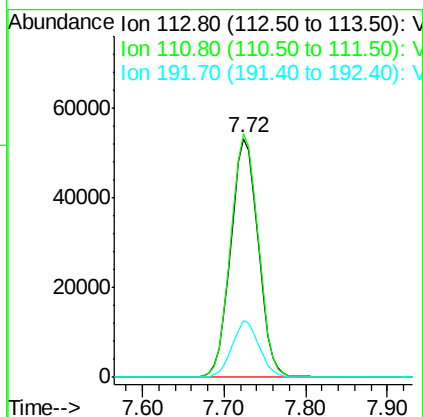
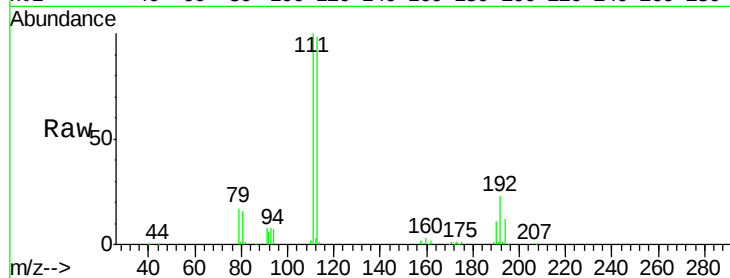




#35
 Dibromofluoromethane
 Concen: 52.380 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002863.D
 Acq: 09 Jun 2020 10:46

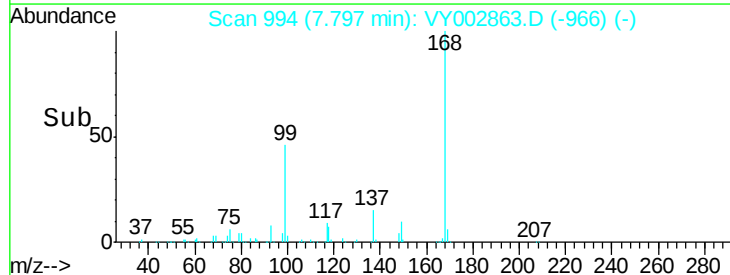
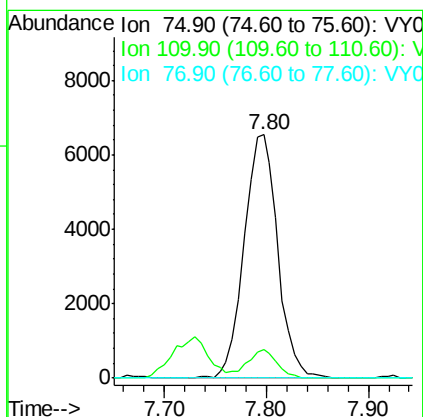
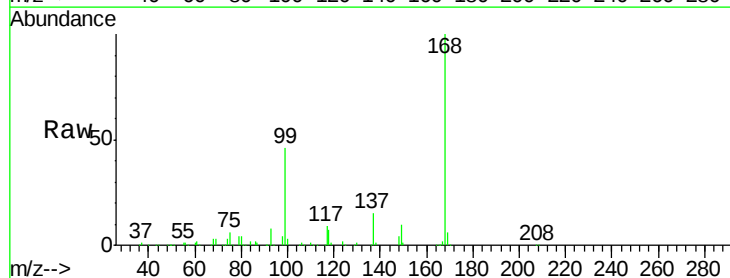
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBL01

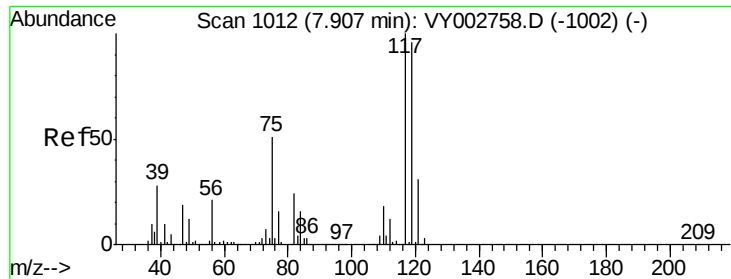
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	23.2	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.408 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002863.D
 Acq: 09 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.912 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002863.D

Acq: 09 Jun 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBL01

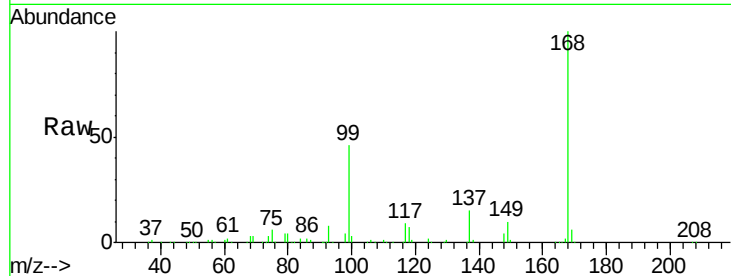
Tot Ion:117 Resp: 22326

Ion Ratio Lower Upper

117 100

119 6.2 76.8 115.2#

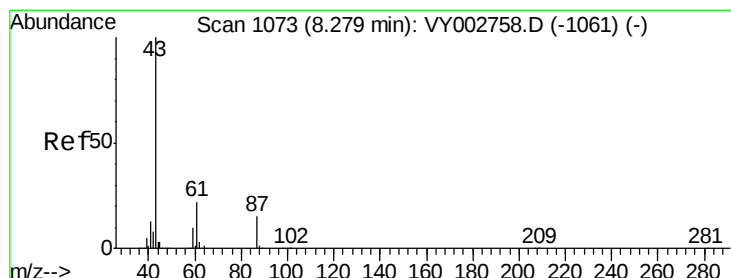
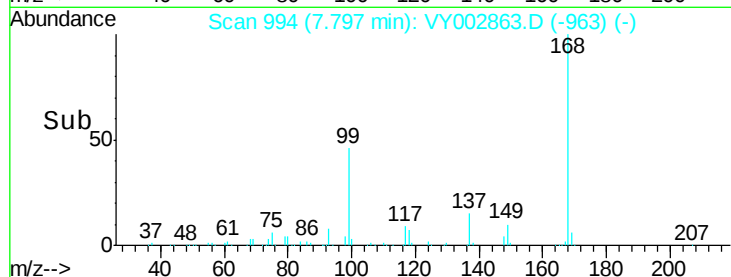
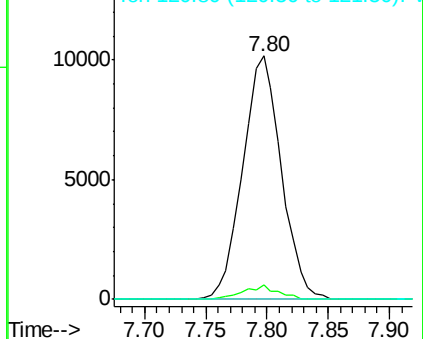
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.093 ug/l

RT: 8.11 min Scan# 1045

Delta R.T. -0.17 min

Lab File: VY002863.D

Acq: 09 Jun 2020 10:46

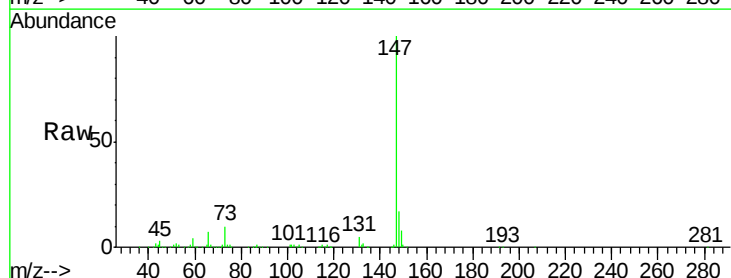
Tgt Ion: 43 Resp: 3830

Ion Ratio Lower Upper

43 100

61 0.0 24.8 37.2#

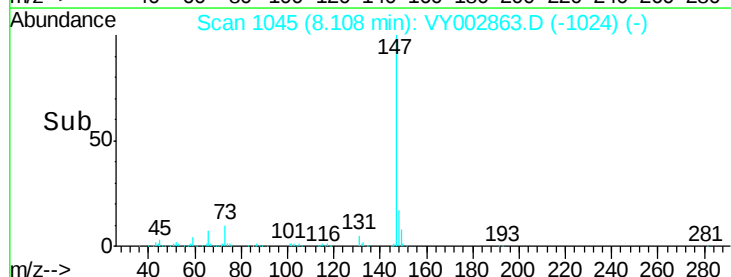
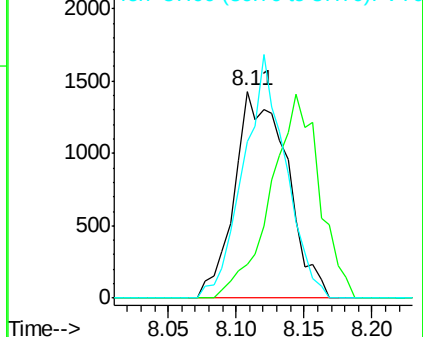
87 94.8 12.4 18.6#

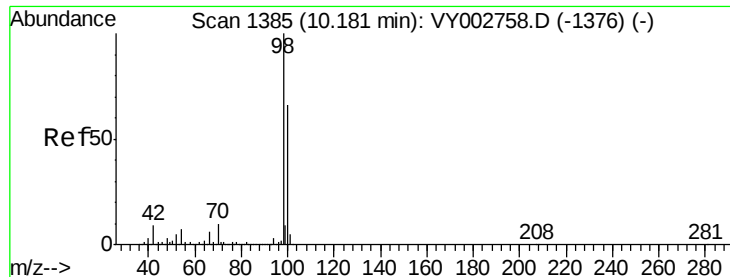


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#50

Toluene-d8

Concen: 49.424 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002863.D

Acq: 09 Jun 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

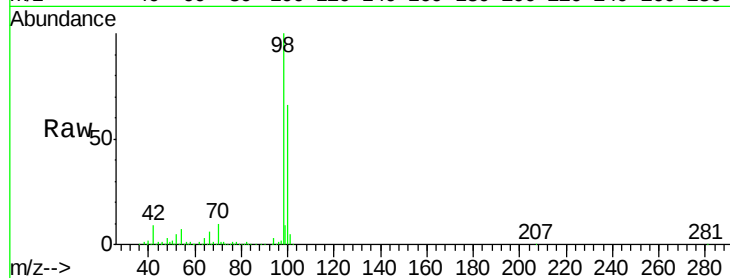
VY0609SBL01

Tot Ion: 98 Resp: 472600

Ion Ratio Lower Upper

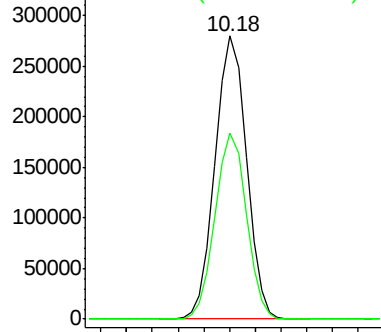
98 100

100 65.5 52.2 78.2

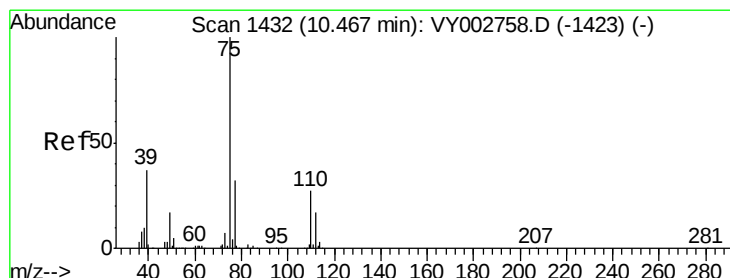
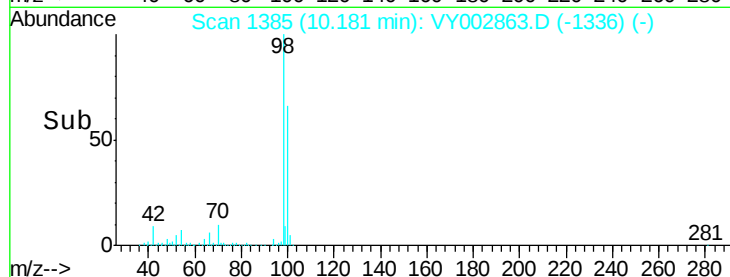


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->



#53

t-1,3-Dichloropropene

Concen: 1.166 ug/l

RT: 10.58 min Scan# 1450

Delta R.T. 0.11 min

Lab File: VY002863.D

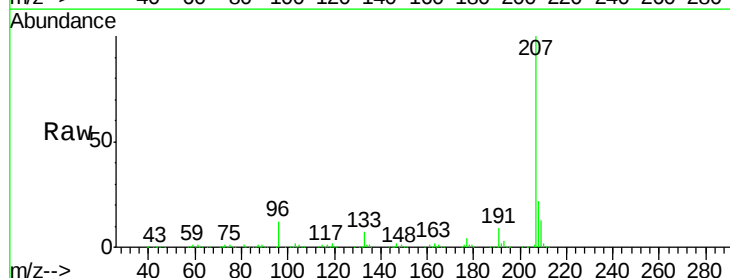
Acq: 09 Jun 2020 10:46

Tgt Ion: 75 Resp: 4295

Ion Ratio Lower Upper

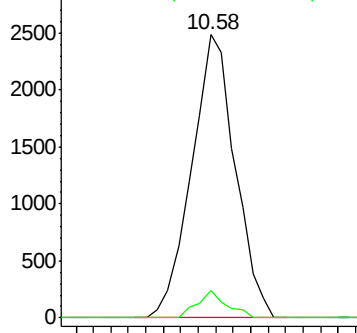
75 100

77 9.6 25.3 37.9#

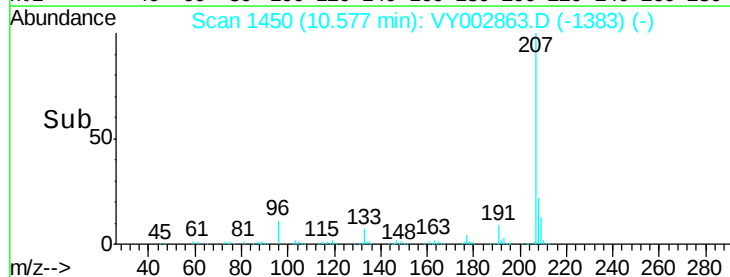


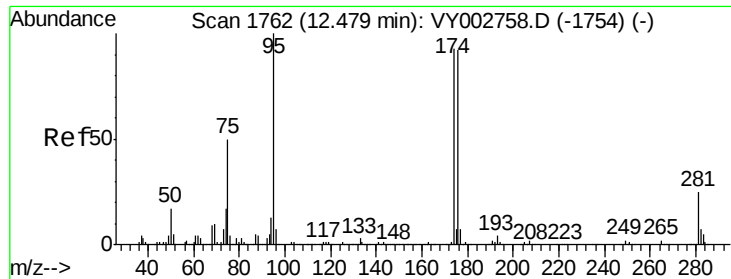
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



Time-->





#62

4-Bromofluorobenzene

Concen: 49.821 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002863.D

Acq: 09 Jun 2020 10:46

Instrument :

MSVOA_Y

ClientSampled :

VY0609SBL01

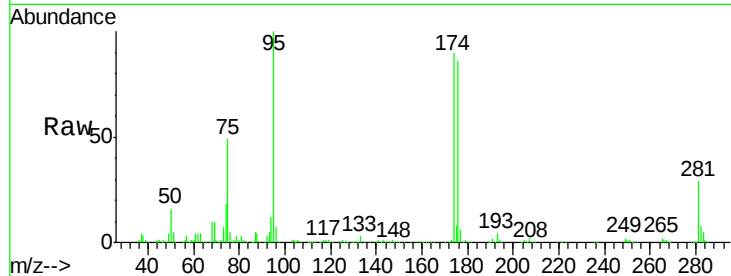
Tot Ion: 95 Resp: 162808

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.2

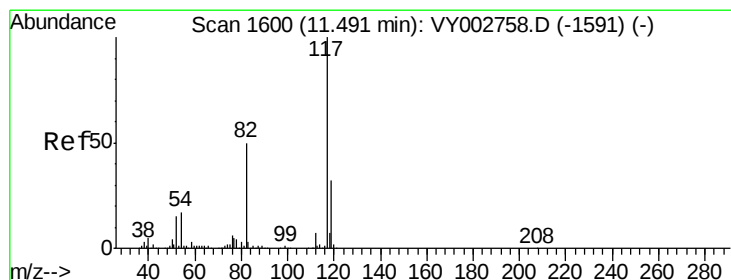
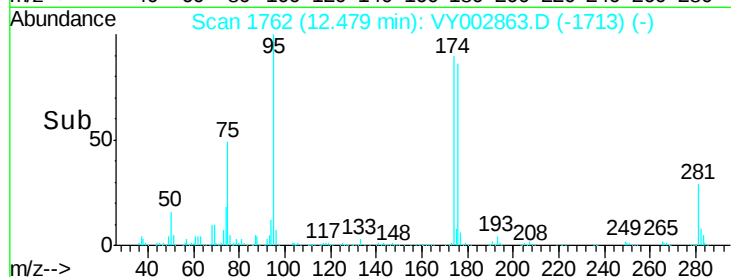
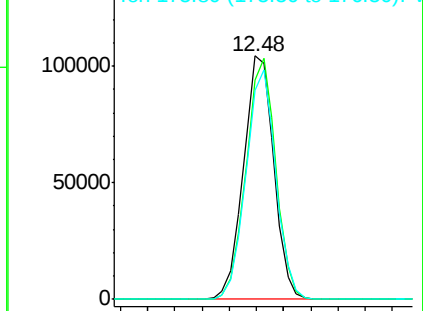
176 92.9 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002863.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002863.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002863.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002863.D

Acq: 09 Jun 2020 10:46

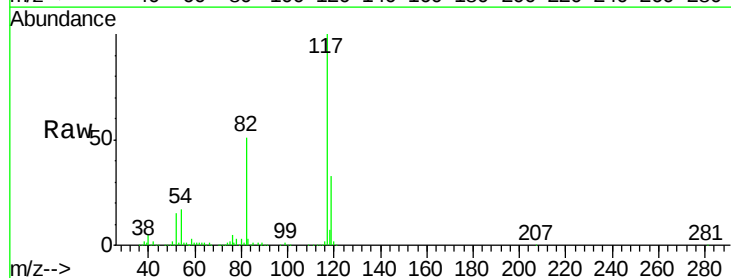
Tgt Ion: 117 Resp: 389303

Ion Ratio Lower Upper

117 100

82 50.8 40.2 60.4

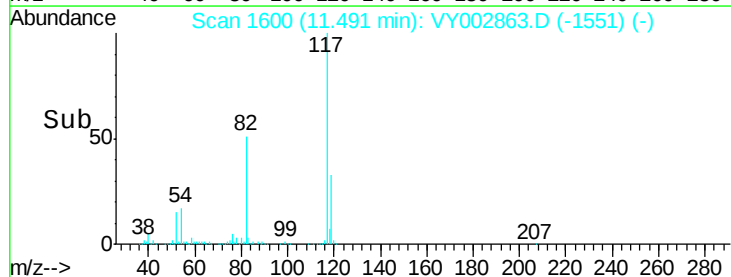
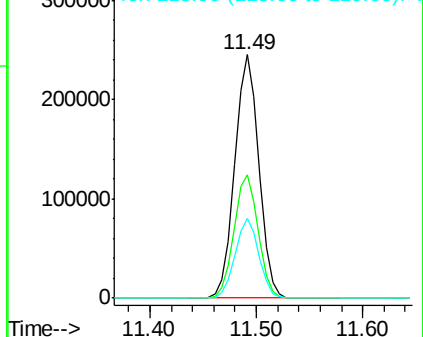
119 32.6 25.8 38.8

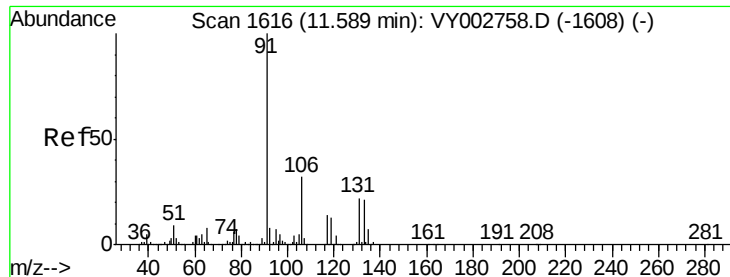


Abundance Ion 116.90 (116.60 to 117.60): VY002863.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002863.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002863.D (-1551) (-)





#66

1,1,1,2-Tetrachloroethane

Concen: 1.090 ug/l

RT: 11.32 min Scan# 1572

Delta R.T. -0.27 min

Lab File: VY002863.D

Acq: 09 Jun 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBL01

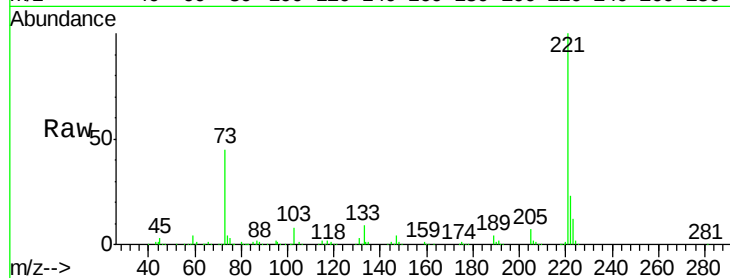
Tot Ion:131 Resp: 3159

Ion Ratio Lower Upper

131 100

133 329.2 47.6 142.8#

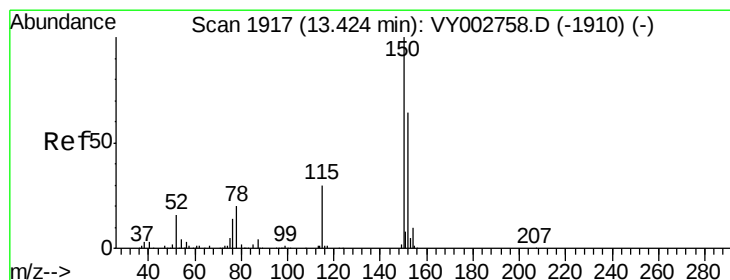
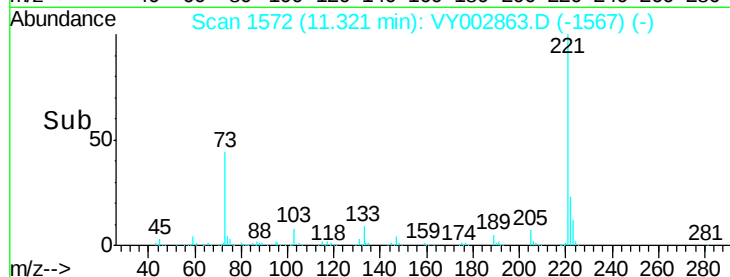
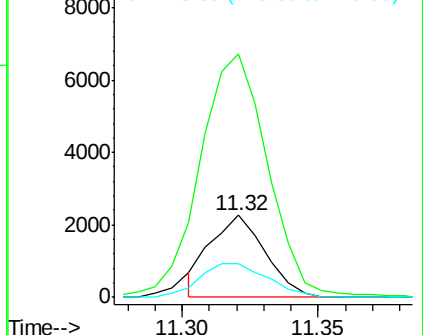
119 0.0 31.7 95.1#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): 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: VY002863.D

Acq: 09 Jun 2020 10:46

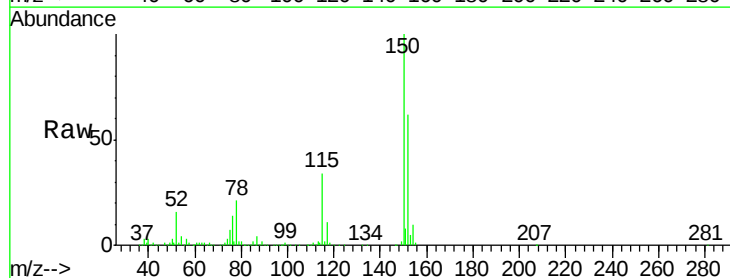
Tgt Ion:152 Resp: 192465

Ion Ratio Lower Upper

152 100

115 53.3 27.0 81.0

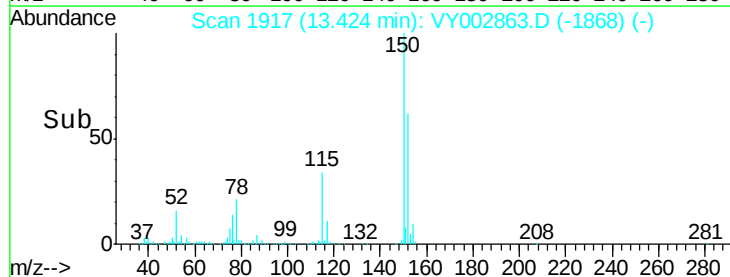
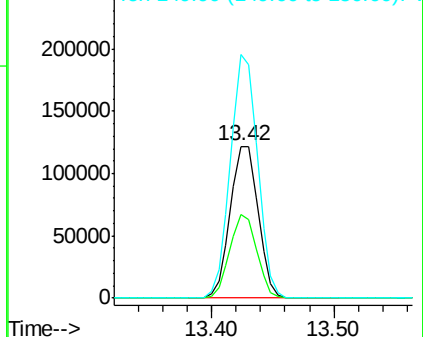
150 155.7 0.0 344.8

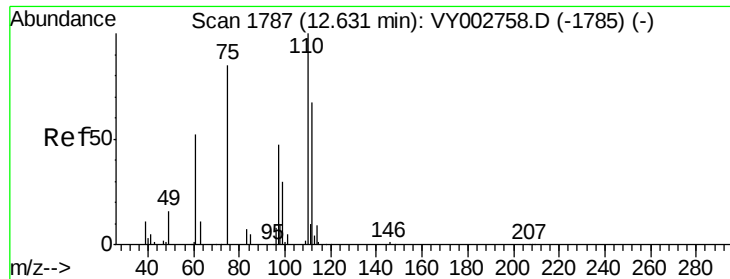


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

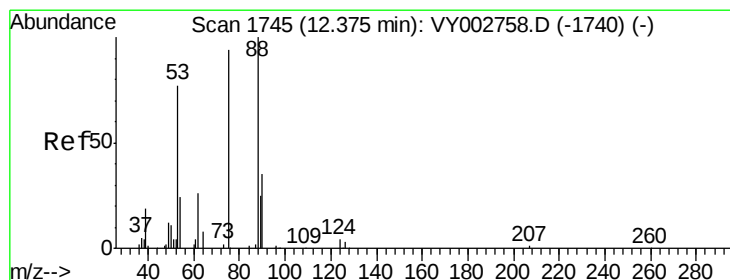
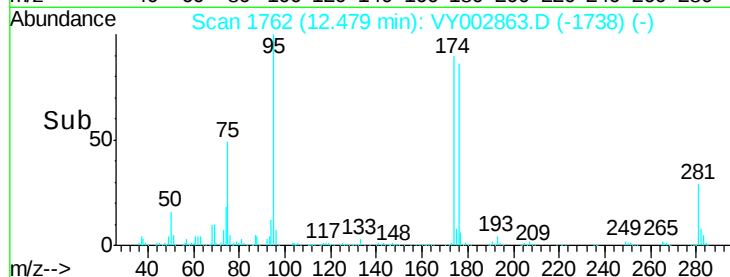
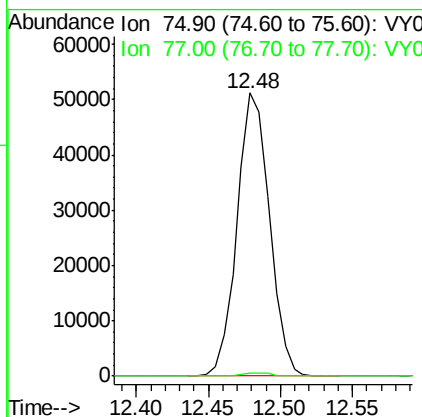
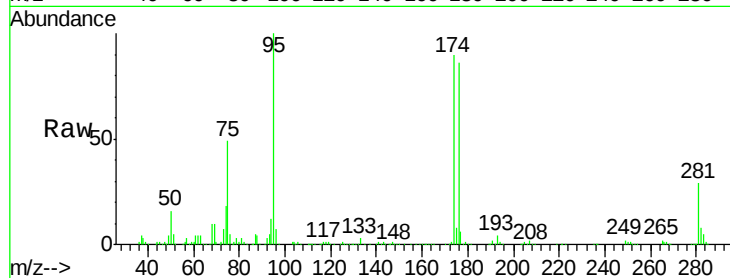




#76
 1,2,3-Trichloropropane
 Concen: 46.260 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY002863.D
 Acq: 09 Jun 2020 10:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBL01

Tot Ion: 75 Resp: 80225
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.153 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY002863.D
 Acq: 09 Jun 2020 10:46

Tgt Ion: 75 Resp: 80225
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.0 96.0#
 89 0.0 37.4 56.2#

