

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002921.D
 Acq On : 18 Jun 2020 16:00
 Operator : SY/MD
 Sample : L3037-01
 Misc : 7.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SL-WC-01

Quant Time: Jun 19 05:05:34 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

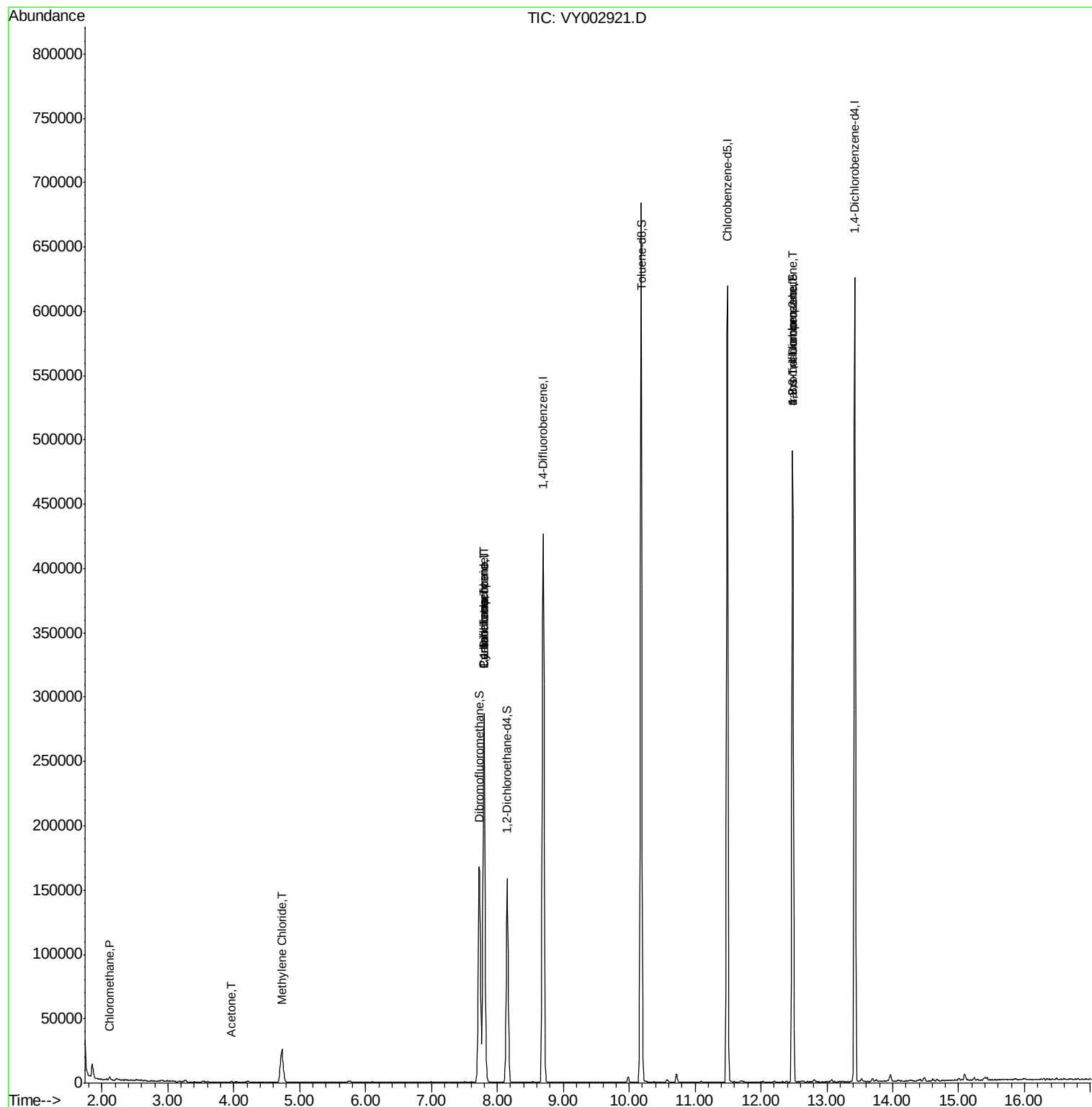
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	240009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	393480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	363280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	121976	58.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.06%	
35) Dibromofluoromethane	7.72	113	121891	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.18	98	461580	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.48	95	148504	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	2166	1.186	ug/l	99
16) Acetone	3.97	43	891	1.823	ug/l	96
18) Methyl Acetate	4.50	43	511	Below Cal	#	64
20) Methylene Chloride	4.73	84	20587	8.621	ug/l	91
31) Cyclohexane	7.80	56	3614	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14515	4.379	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21645	5.878	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	71617	47.848	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	71617	90.145	ug/l #	17

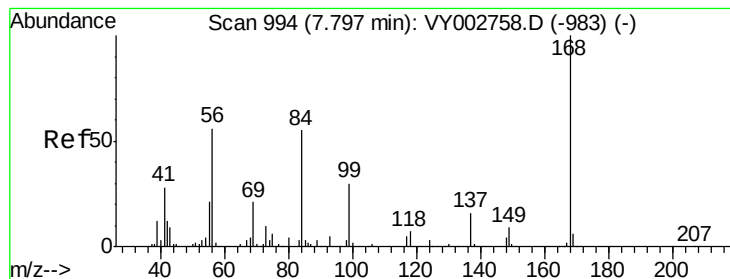
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
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Quant Time: Jun 19 05:05:34 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: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

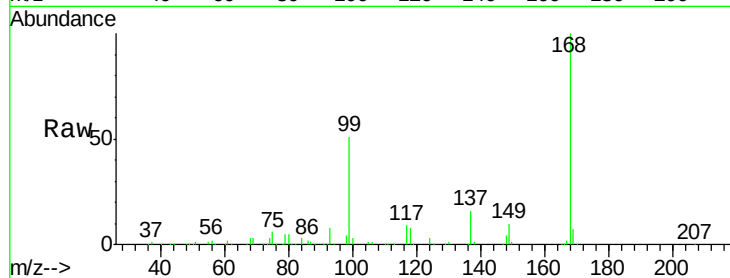
SL-WC-01

Tot Ion:168 Resp: 240009

Ion Ratio Lower Upper

168 100

99 50.5 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

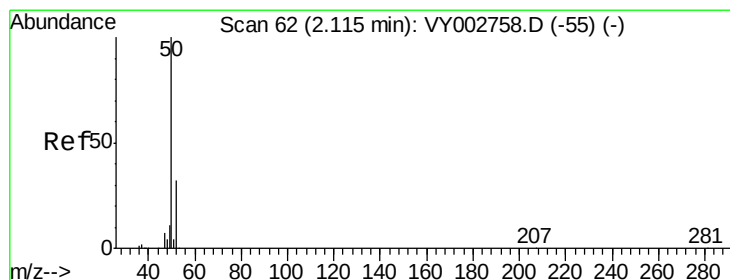
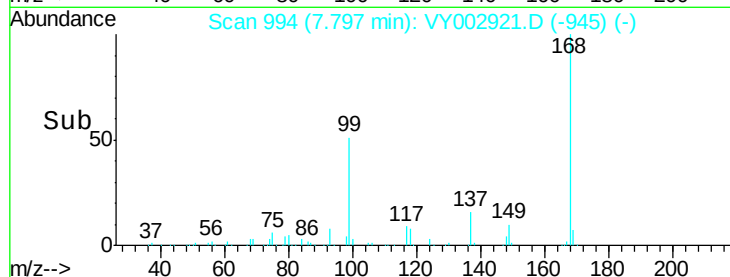
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.186 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002921.D

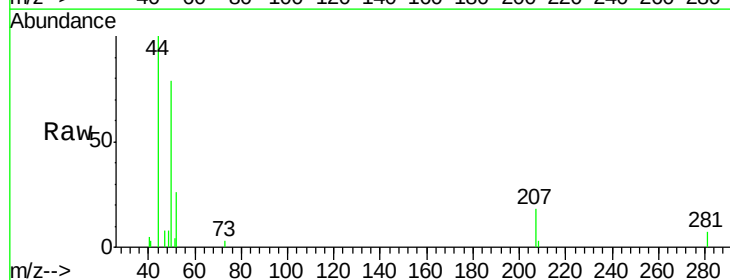
Acq: 18 Jun 2020 16:00

Tgt Ion: 50 Resp: 2166

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002758.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002758.D (-55) (-)

2.12

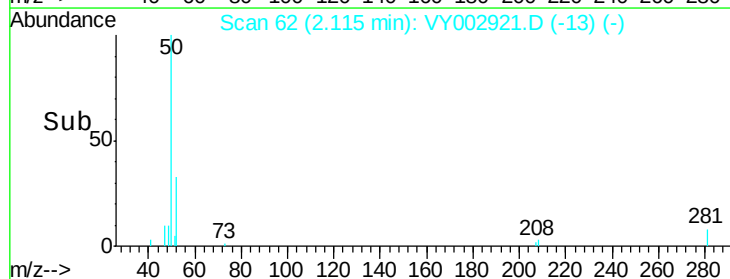
1500

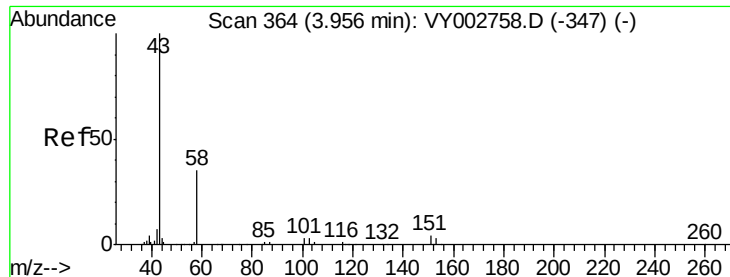
1000

500

0

Time-->





#16

Acetone

Concen: 1.823 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

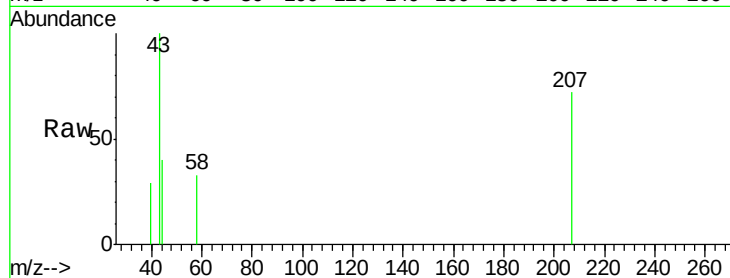
SL-WC-01

Tot Ion: 43 Resp: 891

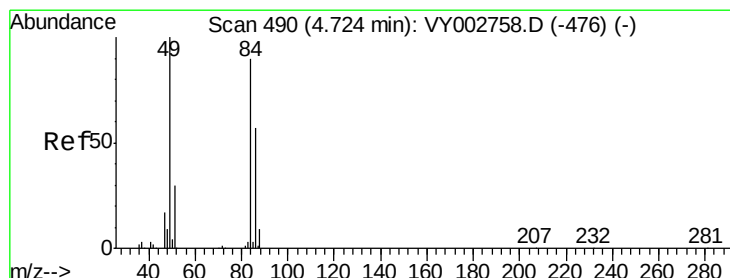
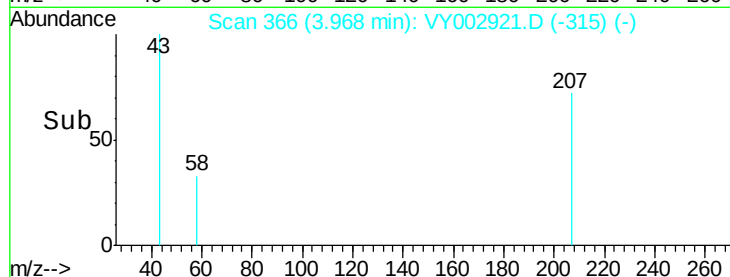
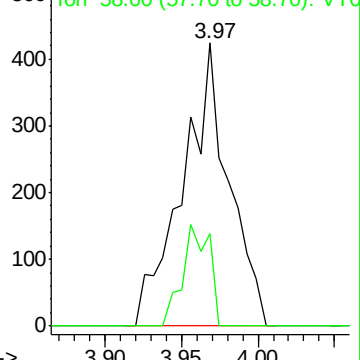
Ion Ratio Lower Upper

43 100

58 32.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)



#20

Methylene Chloride

Concen: 8.621 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

Tgt Ion: 84 Resp: 20587

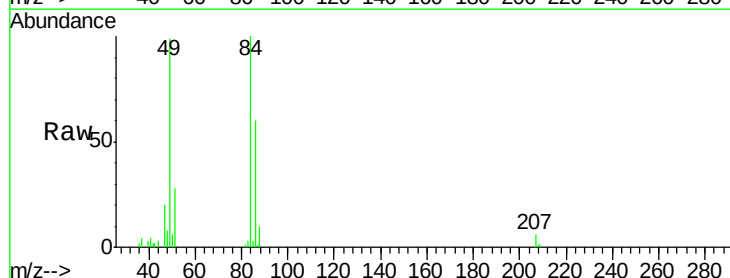
Ion Ratio Lower Upper

84 100

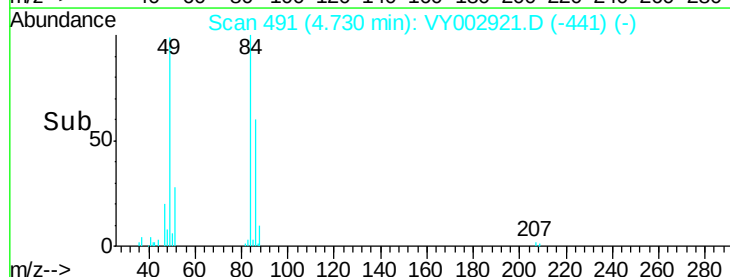
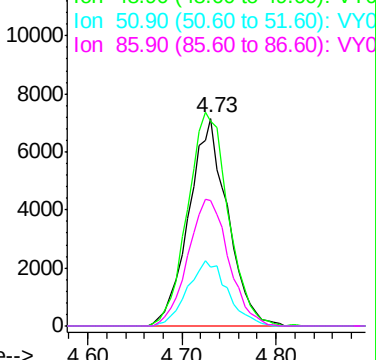
49 98.8 88.5 132.7

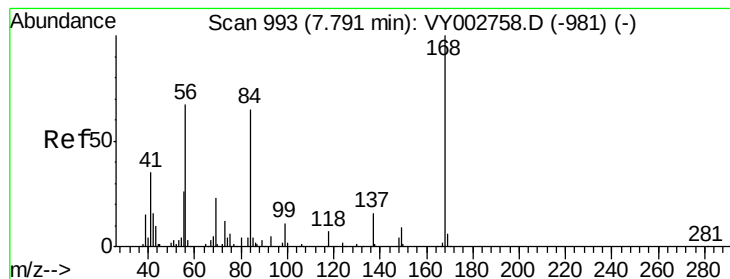
51 28.3 26.8 40.2

86 60.1 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002758.D (-476) (-)





#31

Cyclohexane

Concen: 1.023 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

SL-WC-01

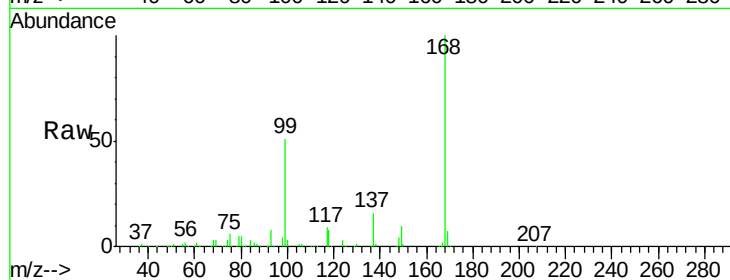
Tot Ion: 56 Resp: 3614

Ion Ratio Lower Upper

56 100

69 184.0 28.0 42.0#

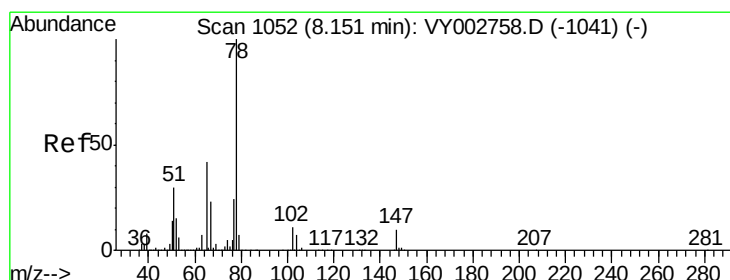
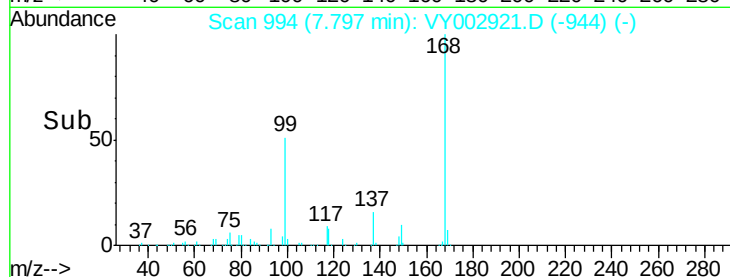
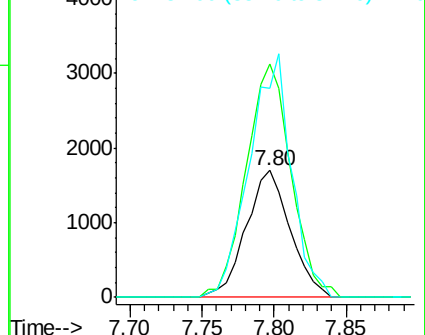
84 164.5 77.7 116.5#



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



#33

1,2-Dichloroethane-d4

Concen: 58.531 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002921.D

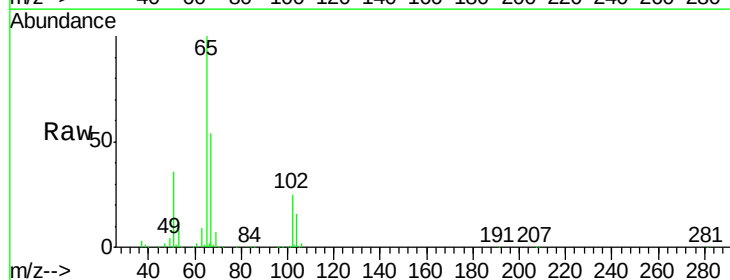
Acq: 18 Jun 2020 16:00

Tgt Ion: 65 Resp: 121976

Ion Ratio Lower Upper

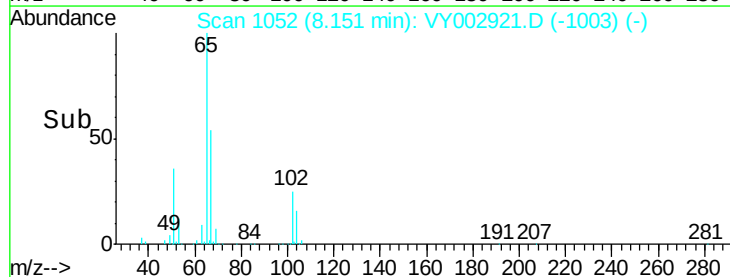
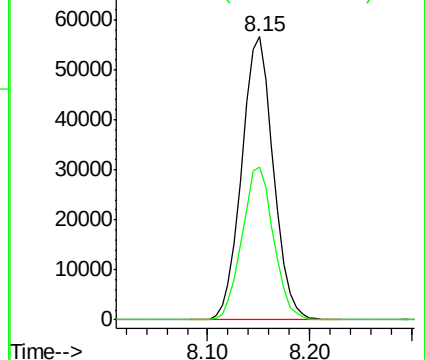
65 100

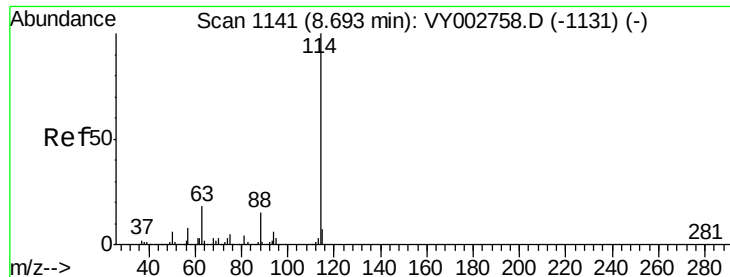
67 53.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

SL-WC-01

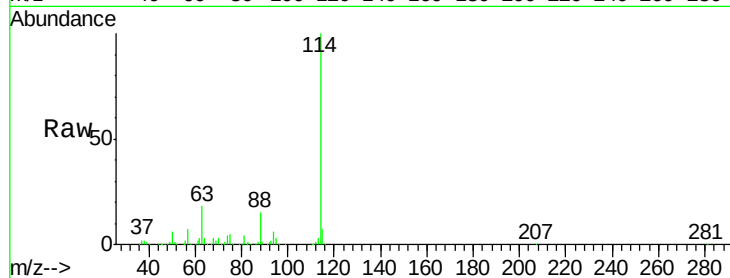
Tot Ion:114 Resp: 393480

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.2

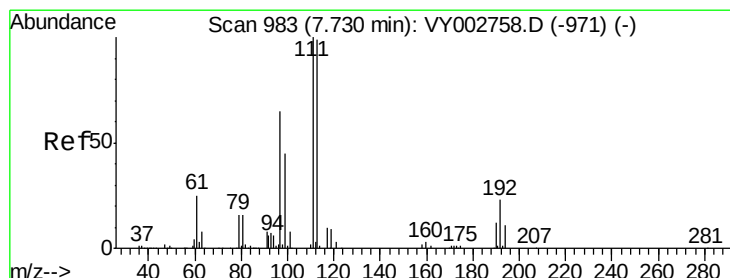
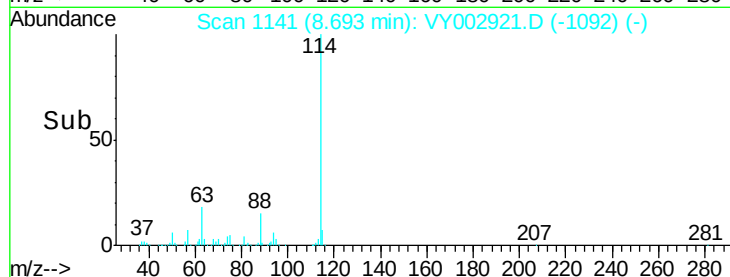
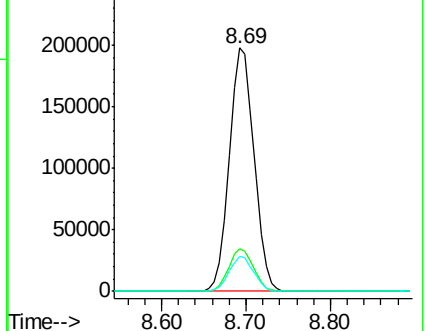
88 14.5 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.858 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

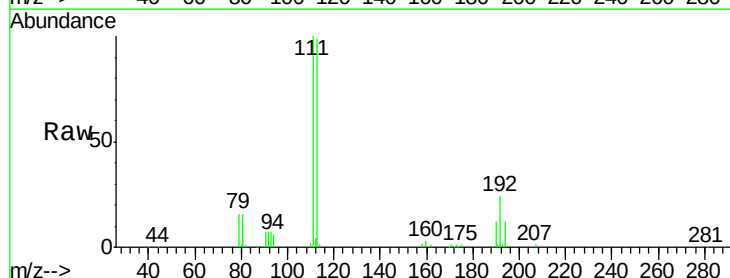
Tgt Ion:113 Resp: 121891

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

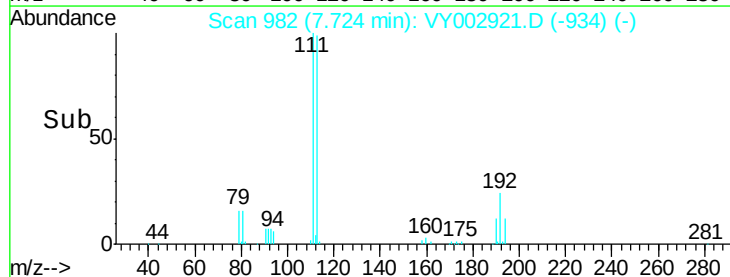
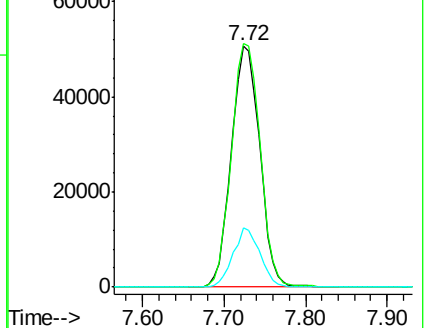
192 23.2 18.9 28.3

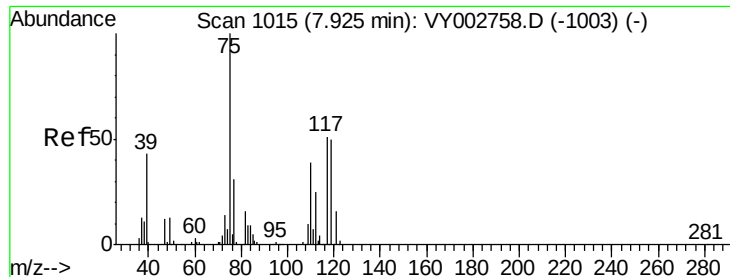


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.379 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

SL-WC-01

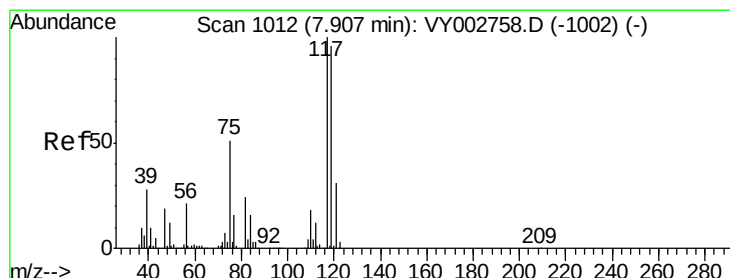
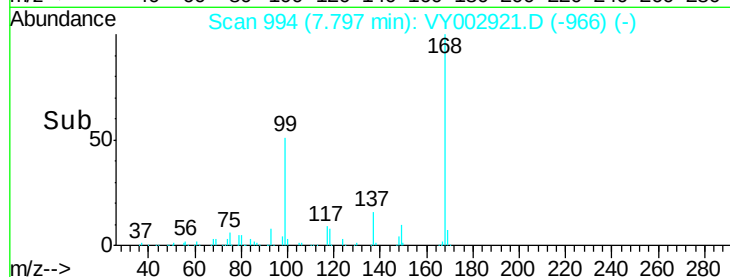
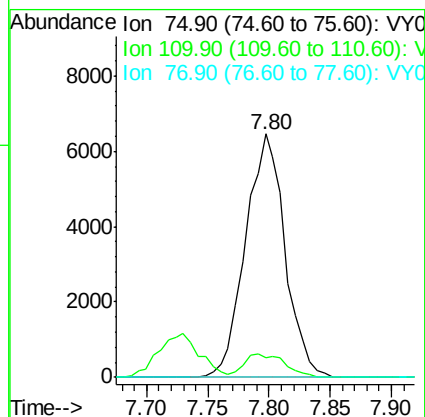
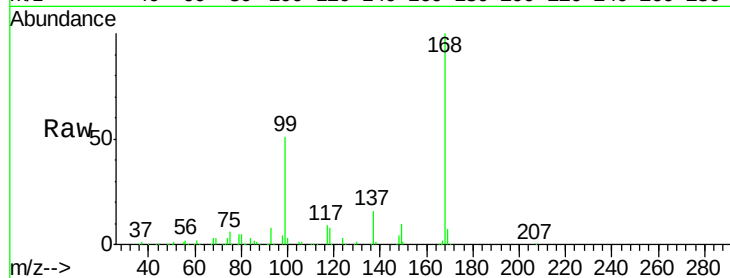
Tot Ion: 75 Resp: 14515

Ion Ratio Lower Upper

75 100

110 9.8 19.3 57.9#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.878 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

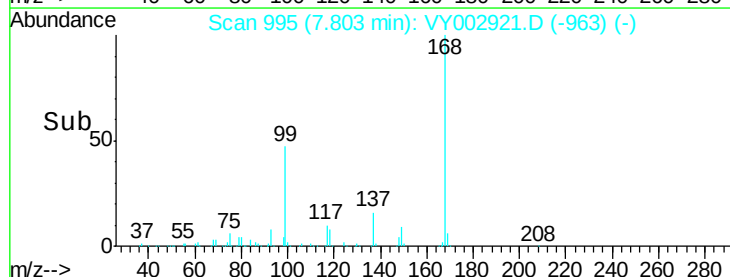
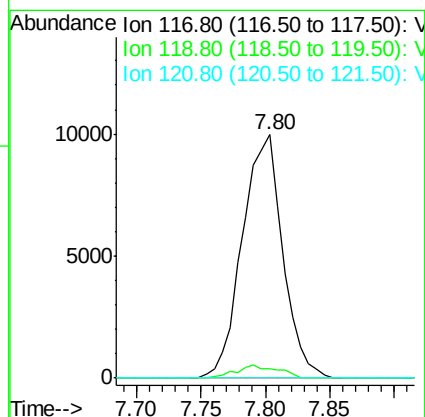
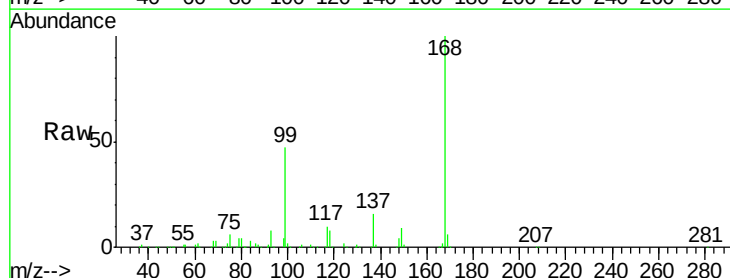
Tgt Ion: 117 Resp: 21645

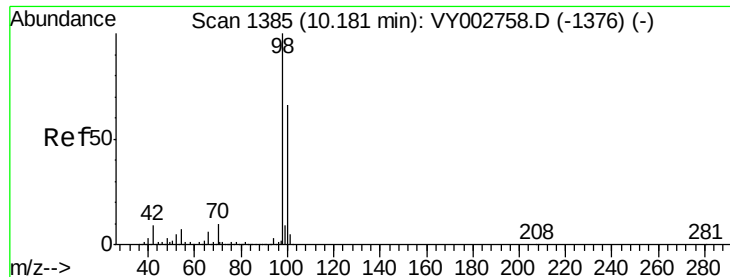
Ion Ratio Lower Upper

117 100

119 4.0 76.8 115.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.506 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

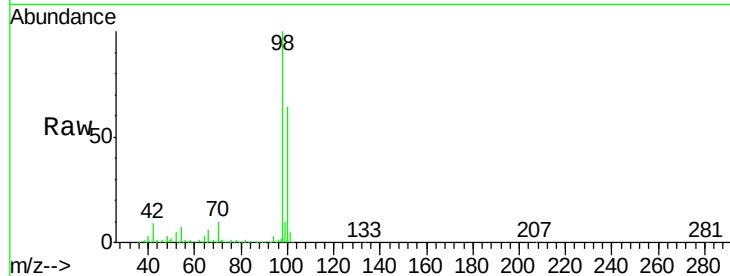
SL-WC-01

Tot Ion: 98 Resp: 461580

Ion Ratio Lower Upper

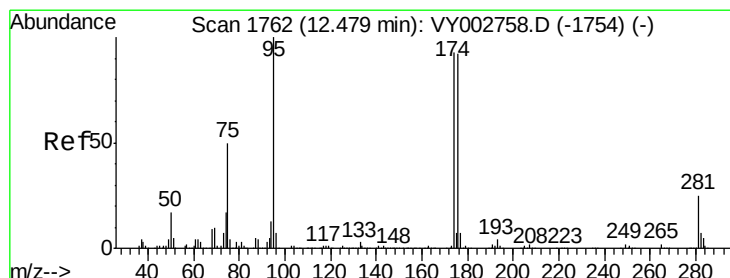
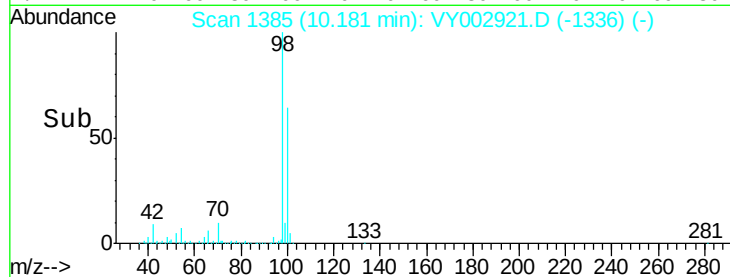
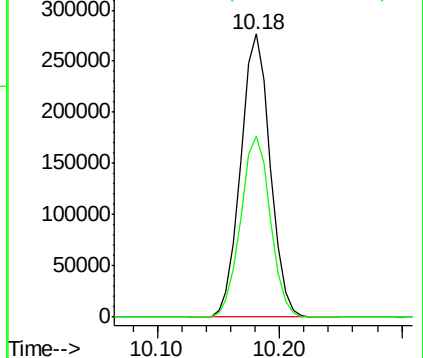
98 100

100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 46.606 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

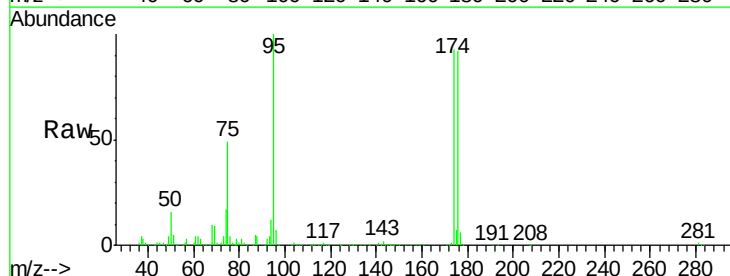
Tgt Ion: 95 Resp: 148504

Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.2

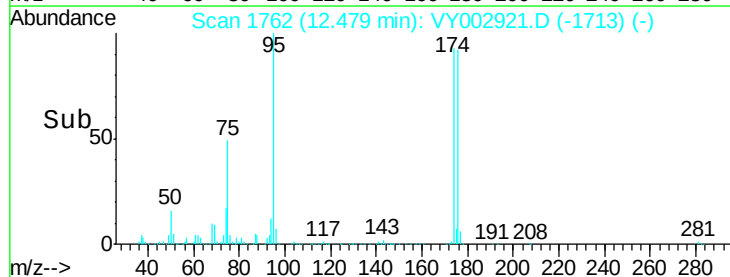
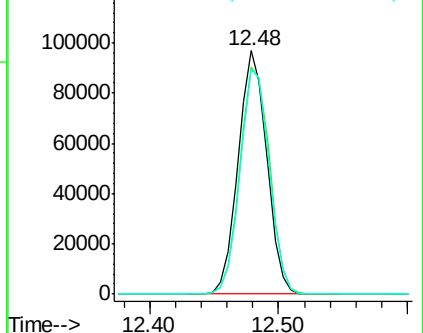
176 93.9 0.0 188.8

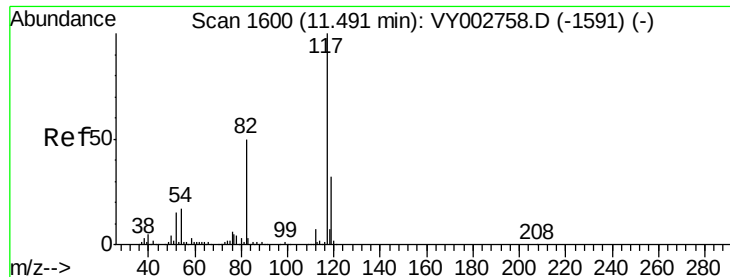


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

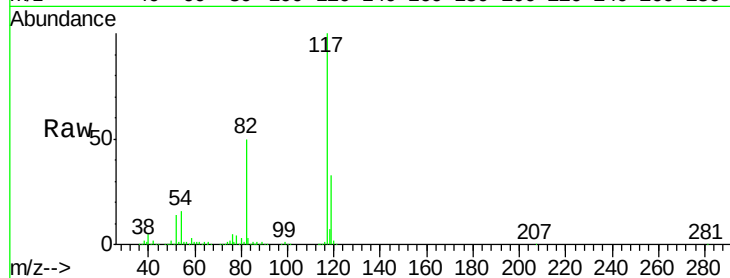




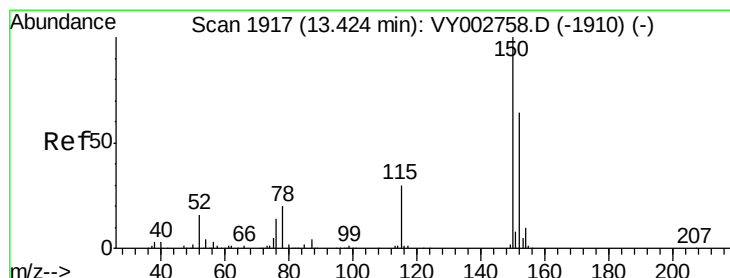
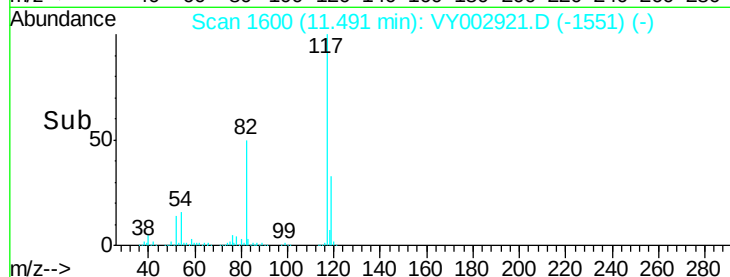
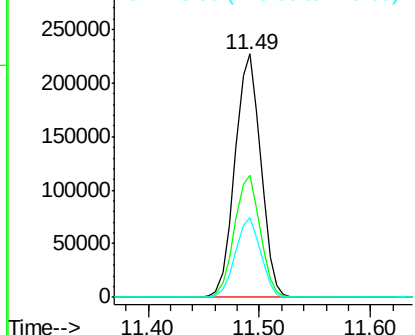
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002921.D
Acq: 18 Jun 2020 16:00

Instrument :
MSVOA_Y
ClientSampleId :
SL-WC-01

Tot Ion:117 Resp: 363280
Ion Ratio Lower Upper
117 100
82 50.4 40.2 60.4
119 32.6 25.8 38.8

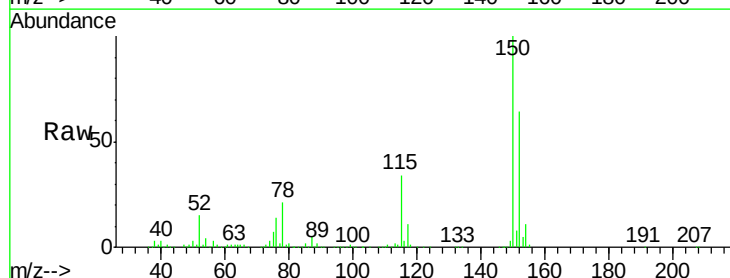


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

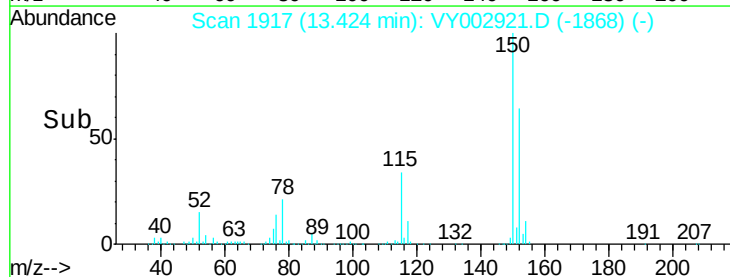
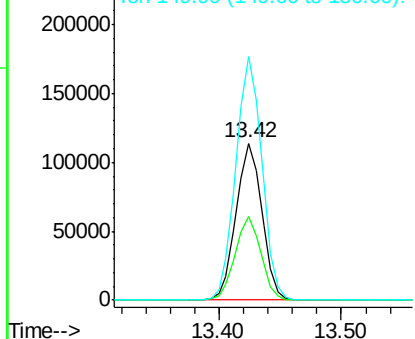


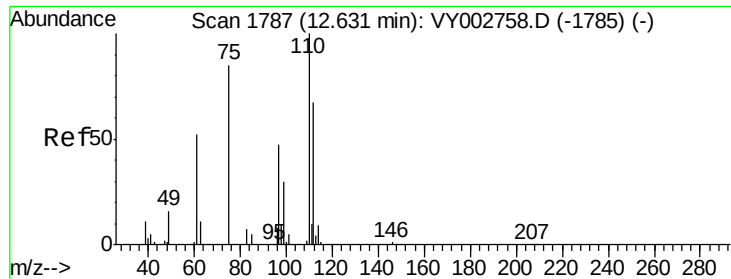
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002921.D
Acq: 18 Jun 2020 16:00

Tgt Ion:152 Resp: 166110
Ion Ratio Lower Upper
152 100
115 53.1 27.0 81.0
150 156.3 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: 47.848 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

Instrument :

MSVOA_Y

ClientSampled :

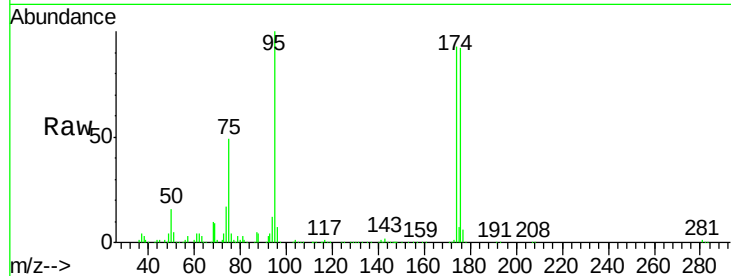
SL-WC-01

Tot Ion: 75 Resp: 71617

Ion Ratio Lower Upper

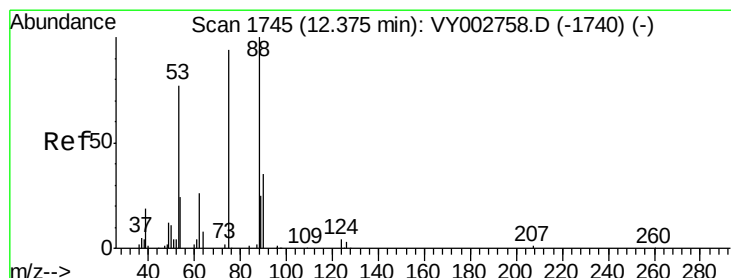
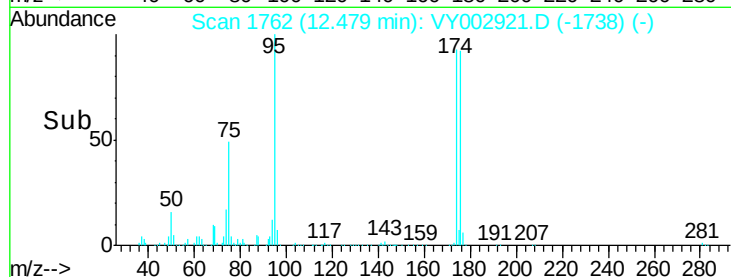
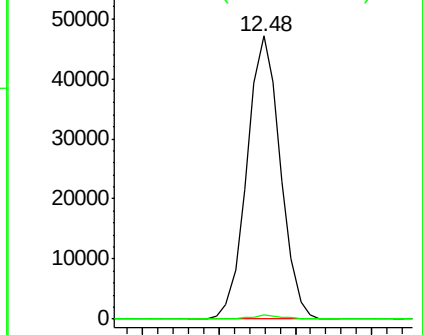
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 90.145 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002921.D

Acq: 18 Jun 2020 16:00

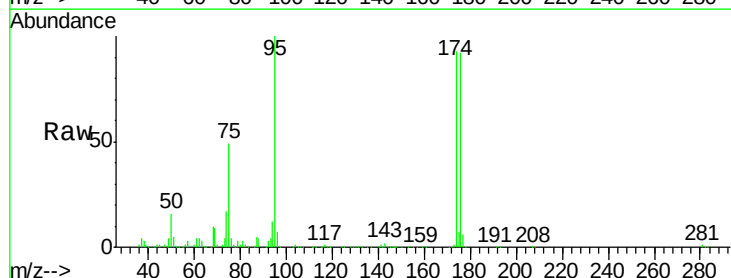
Tgt Ion: 75 Resp: 71617

Ion Ratio Lower Upper

75 100

53 0.1 64.0 96.0#

89 0.0 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

