

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002922.D
 Acq On : 18 Jun 2020 16:24
 Operator : SY/MD
 Sample : L3037-03
 Misc : 6.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SL-WC-02

Quant Time: Jun 19 05:05:53 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	233880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	379518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	321484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	114305	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	112134	55.22	ug/l	0.00
Spiked Amount			Recovery	=	110.44%	
35) Dibromofluoromethane	7.72	113	117291	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
50) Toluene-d8	10.18	98	438023	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.48	95	115092	37.45	ug/l	0.00
Spiked Amount			Recovery	=	74.90%	

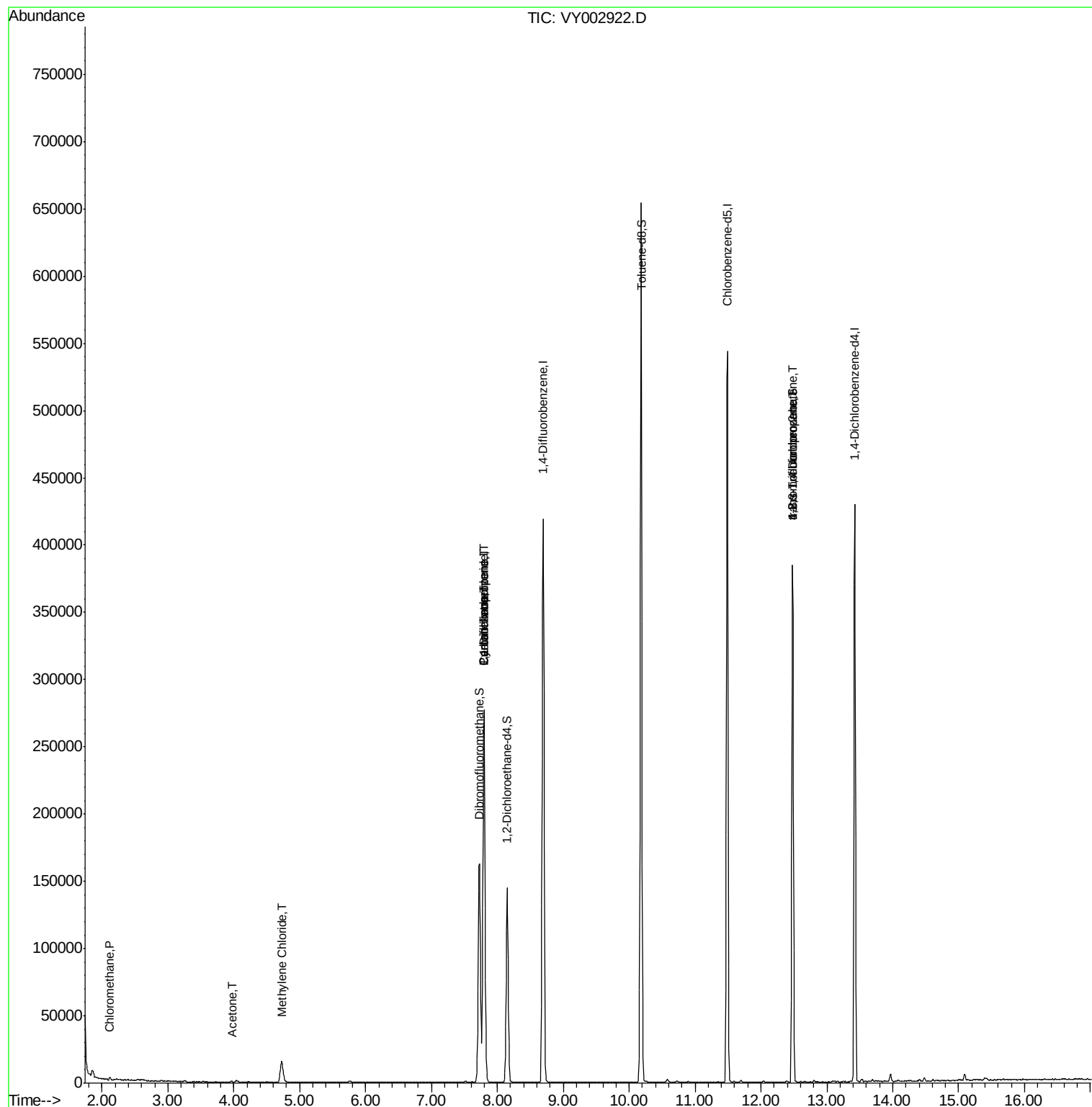
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	1910	1.073	ug/l	99
16) Acetone	3.96	43	973	2.043	ug/l #	59
18) Methyl Acetate	4.49	43	559	Below Cal	#	64
20) Methylene Chloride	4.73	84	12342	5.304	ug/l	95
31) Cyclohexane	7.79	56	3663	1.064	ug/l #	13
36) 1,1-Dichloropropene	7.80	75	14085	4.406	ug/l #	49
38) Carbon Tetrachloride	7.79	117	20385	5.740	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	56370	54.730	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	56370	103.111	ug/l #	17

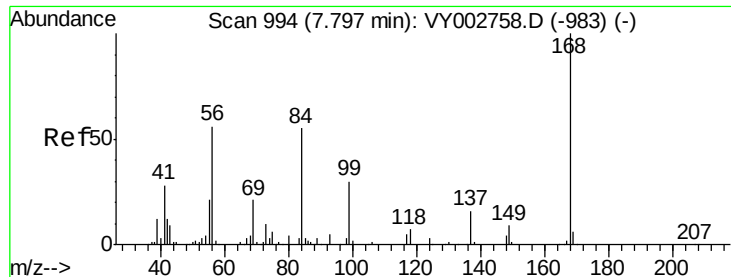
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
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Quant Time: Jun 19 05:05:53 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: VY002922.D

Acq: 18 Jun 2020 16:24

Instrument :

MSVOA_Y

ClientSampleId :

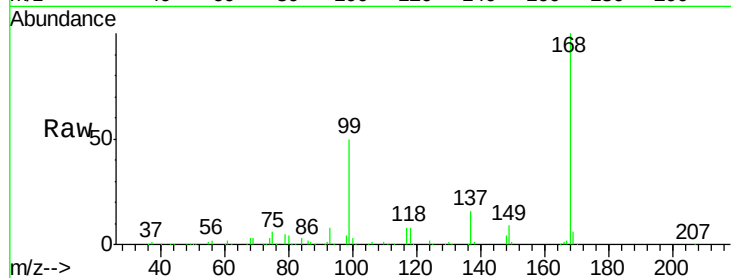
SL-WC-02

Tot Ion:168 Resp: 233880

Ion Ratio Lower Upper

168 100

99 49.7 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

100000

80000

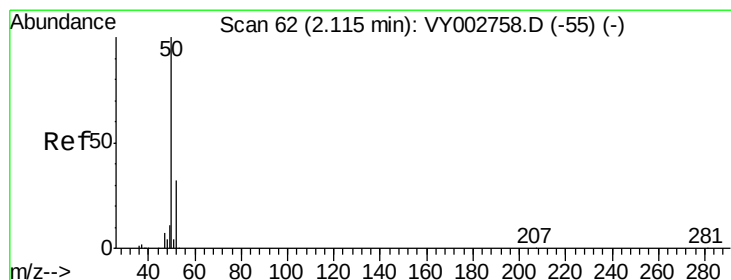
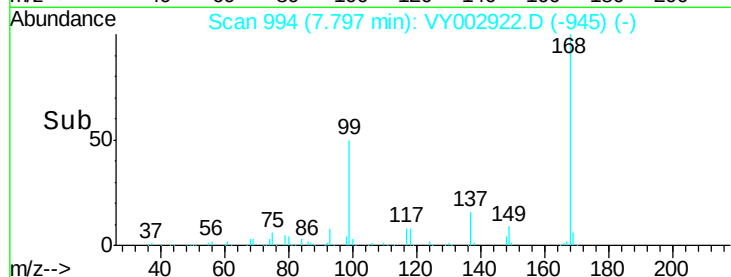
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#3

Chloromethane

Concen: 1.073 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002922.D

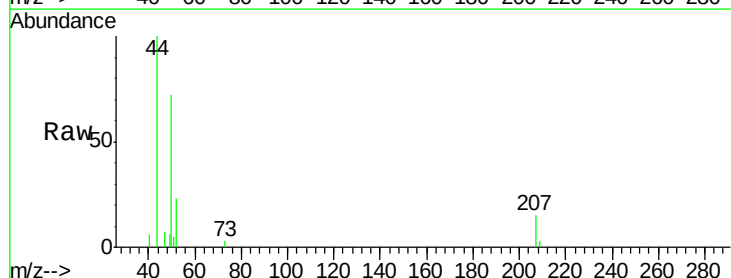
Acq: 18 Jun 2020 16:24

Tgt Ion: 50 Resp: 1910

Ion Ratio Lower Upper

50 100

52 32.8 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

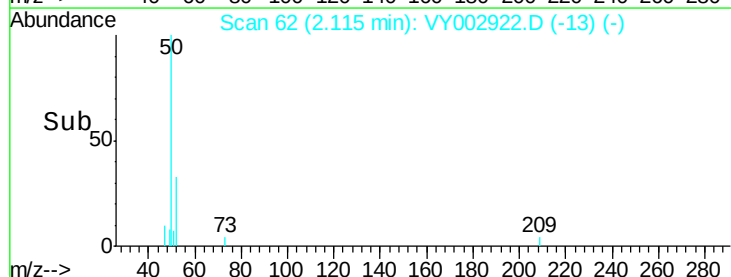
1500

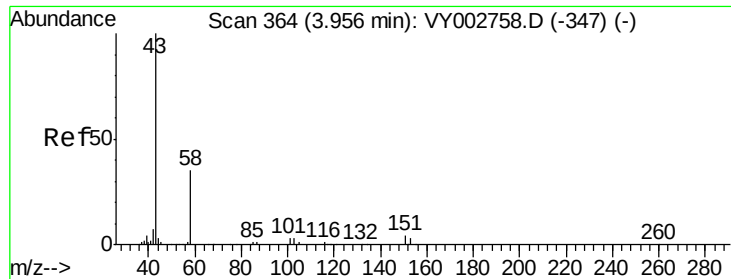
1000

500

0

Time--> 2.05 2.10 2.15

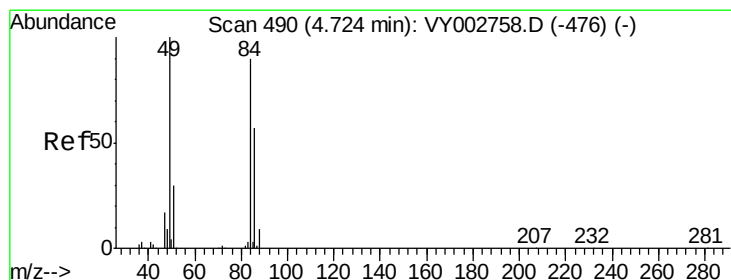
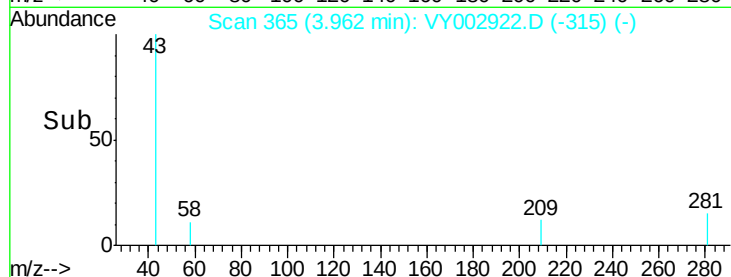
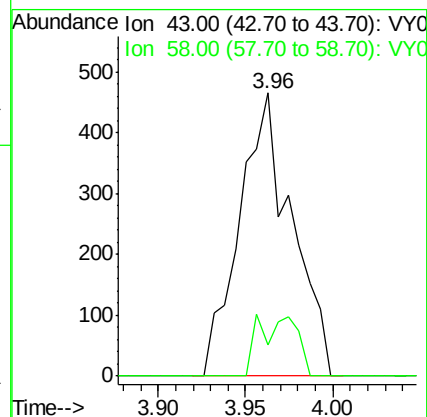
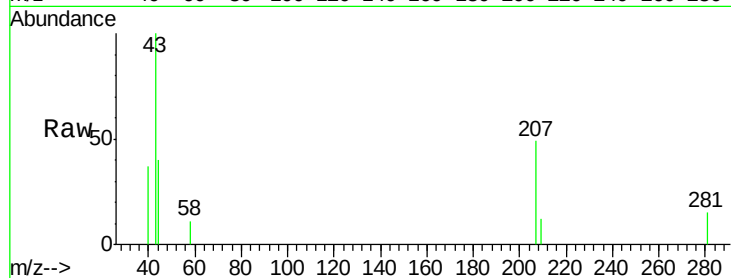




#16
Acetone
Concen: 2.043 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002922.D
Acq: 18 Jun 2020 16:24

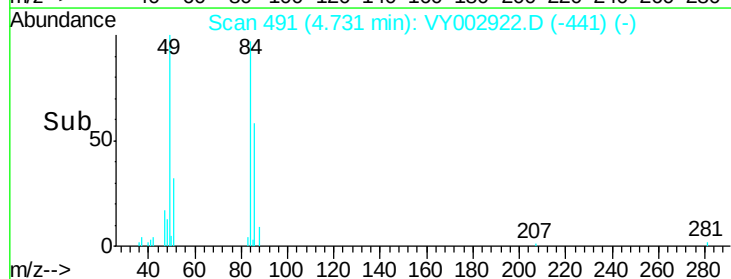
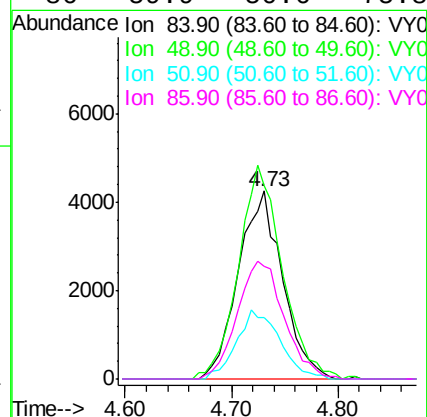
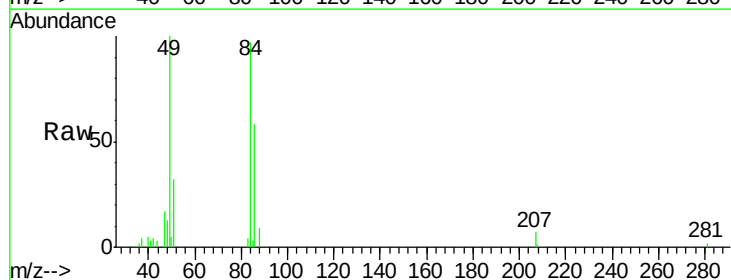
Instrument :
MSVOA_Y
ClientSampleId :
SL-WC-02

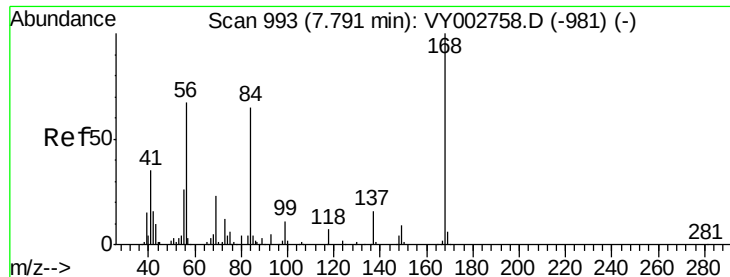
Tot Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 11.2 27.7 41.5#



#20
Methylene Chloride
Concen: 5.304 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002922.D
Acq: 18 Jun 2020 16:24

Tgt Ion: 84 Resp: 12342
Ion Ratio Lower Upper
84 100
49 102.9 88.5 132.7
51 32.6 26.8 40.2
86 59.9 50.6 75.8

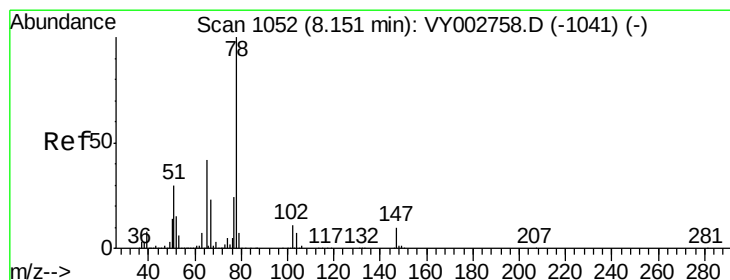
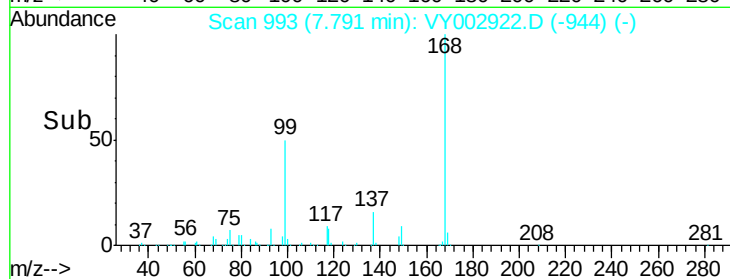
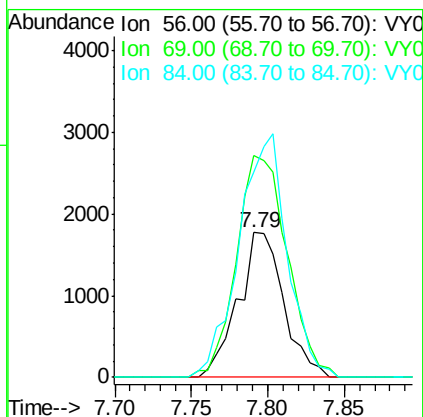
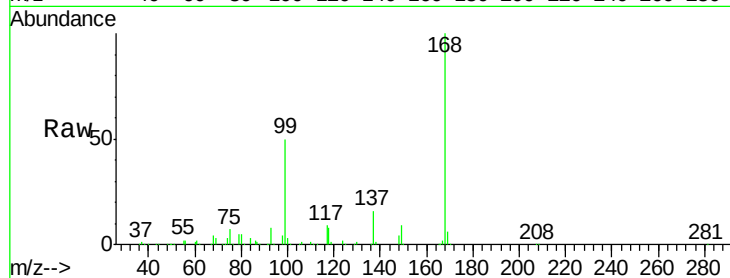




#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002922.D
Acq: 18 Jun 2020 16:24

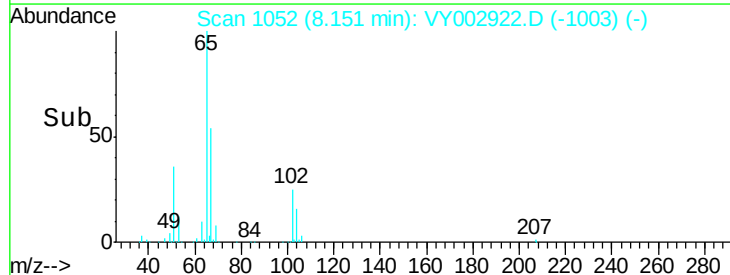
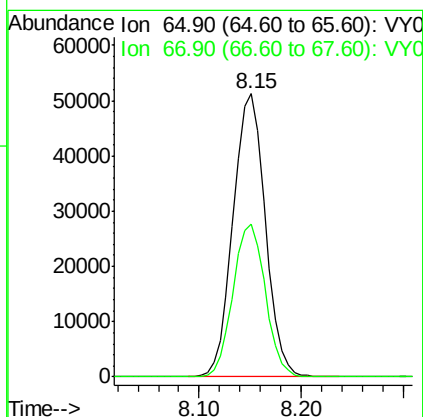
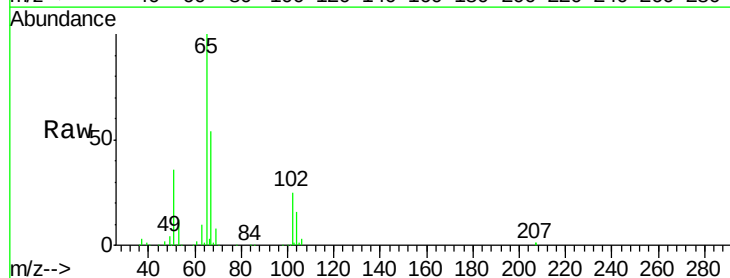
Instrument :
MSVOA_Y
ClientSampleId :
SL-WC-02

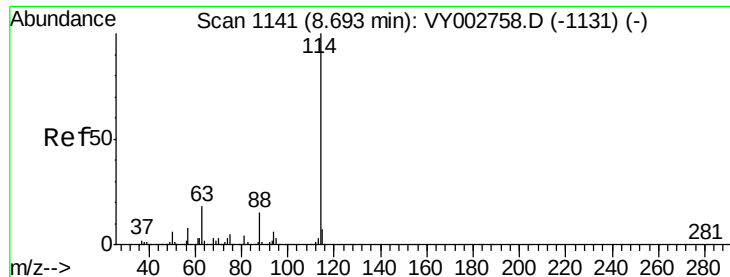
Tot Ion: 56 Resp: 3663
Ion Ratio Lower Upper
56 100
69 153.1 28.0 42.0#
84 141.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.219 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002922.D
Acq: 18 Jun 2020 16:24

Tgt Ion: 65 Resp: 112134
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.0

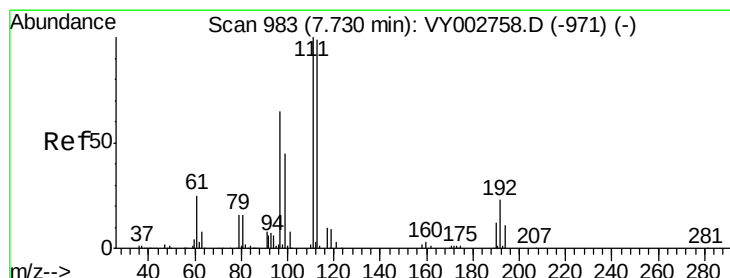
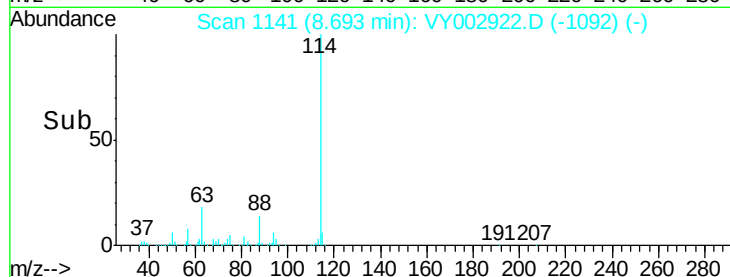
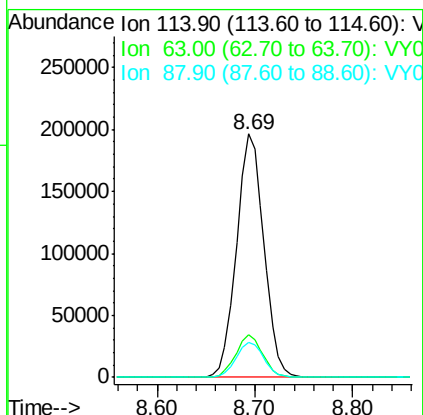
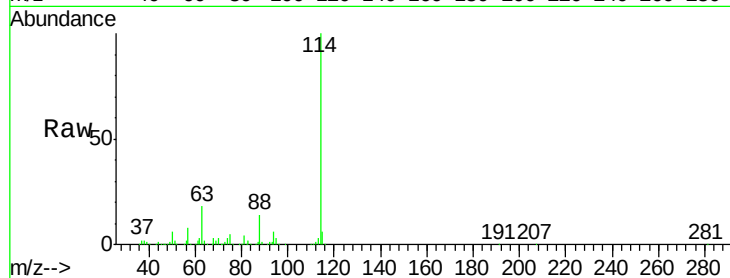




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002922.D
 Acq: 18 Jun 2020 16:24

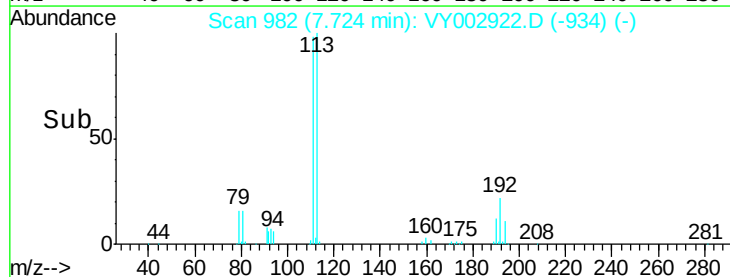
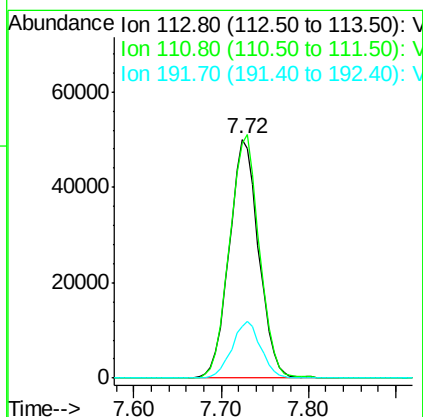
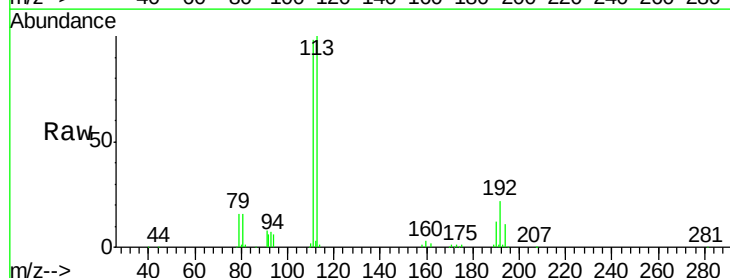
Instrument :
 MSVOA_Y
 ClientSampleId :
 SL-WC-02

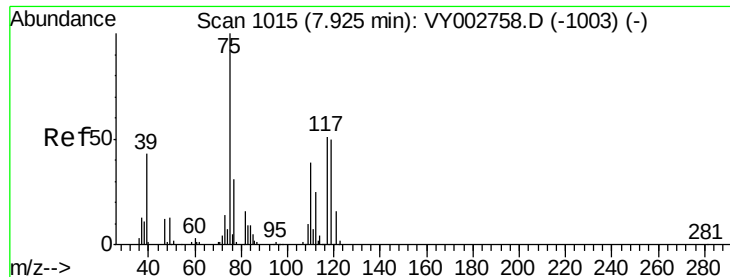
Tot Ion:114 Resp: 379518
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 14.3 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 52.735 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002922.D
 Acq: 18 Jun 2020 16:24

Tgt Ion:113 Resp: 117291
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 23.2 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.406 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002922.D

Acq: 18 Jun 2020 16:24

Instrument :

MSVOA_Y

ClientSampleId :

SL-WC-02

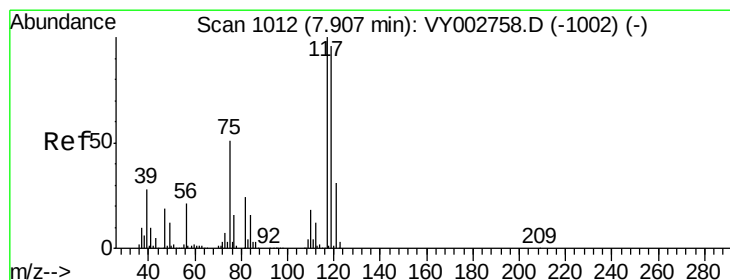
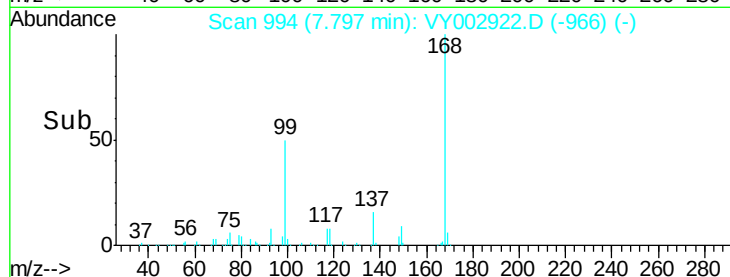
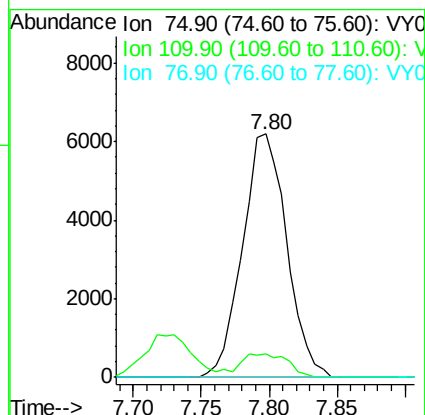
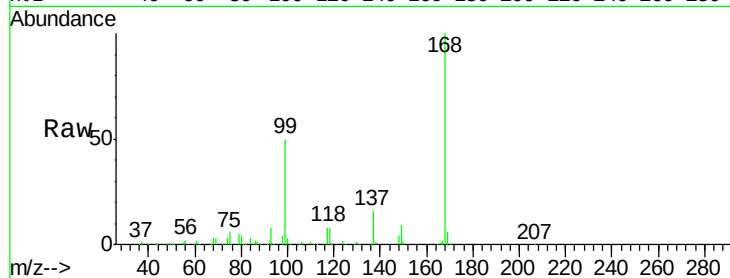
Tot Ion: 75 Resp: 14085

Ion Ratio Lower Upper

75 100

110 9.8 19.3 57.9#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.740 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY002922.D

Acq: 18 Jun 2020 16:24

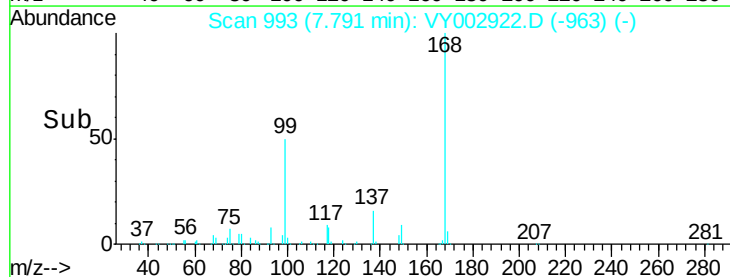
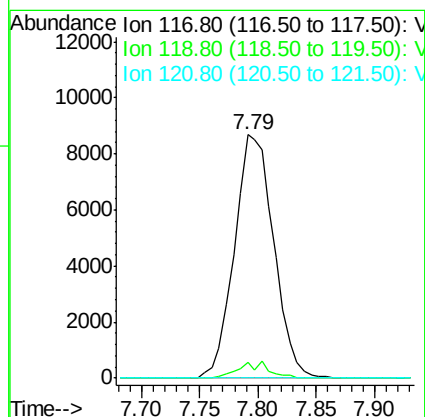
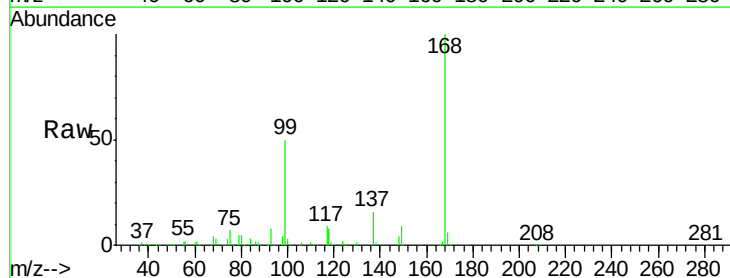
Tgt Ion: 117 Resp: 20385

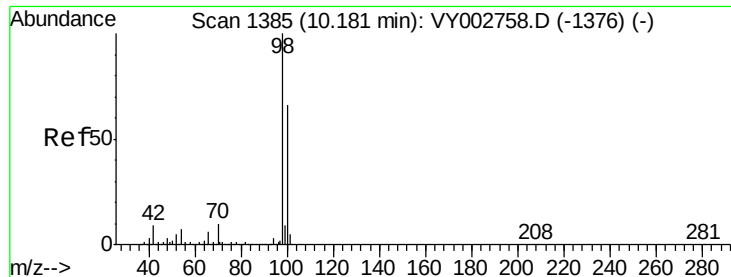
Ion Ratio Lower Upper

117 100

119 6.5 76.8 115.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.708 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002922.D

Acq: 18 Jun 2020 16:24

Instrument :

MSVOA_Y

ClientSampleId :

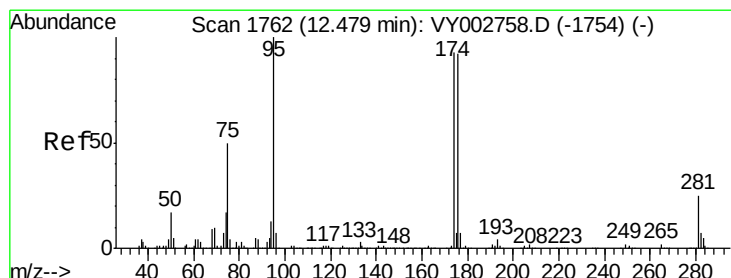
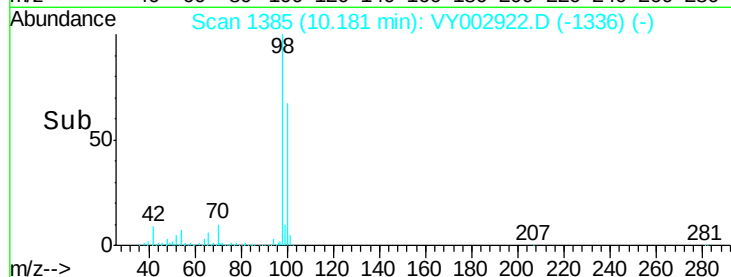
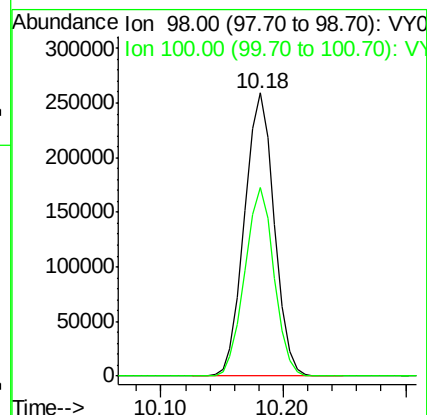
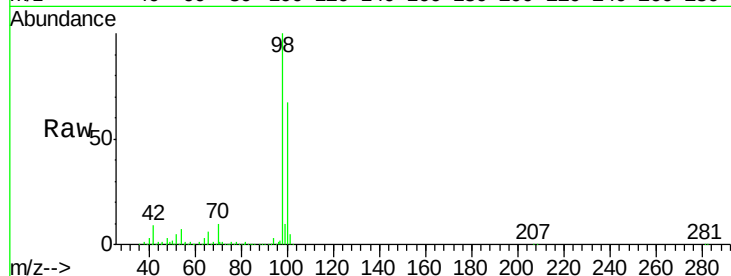
SL-WC-02

Tot Ion: 98 Resp: 438023

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 37.449 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002922.D

Acq: 18 Jun 2020 16:24

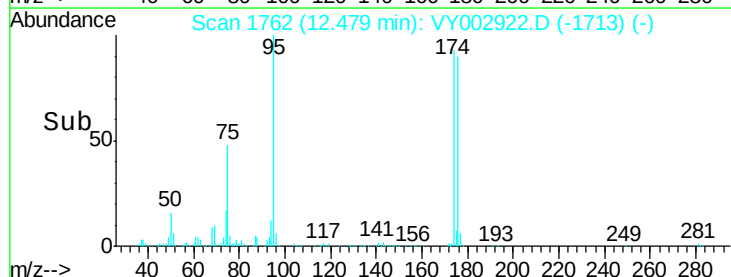
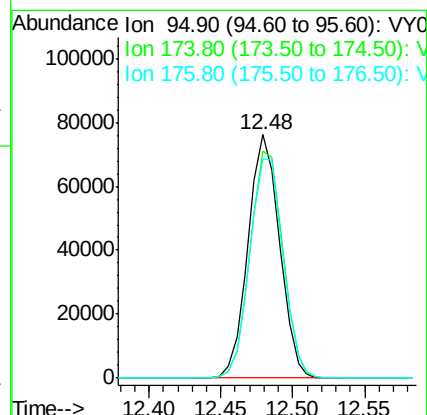
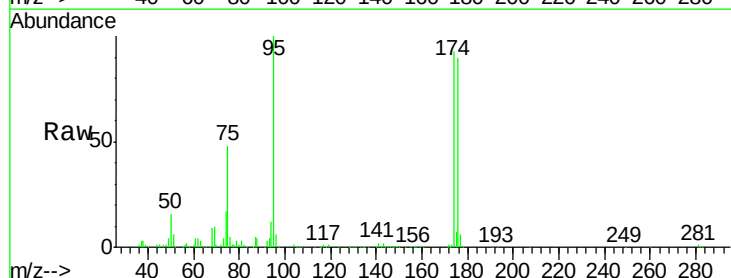
Tgt Ion: 95 Resp: 115092

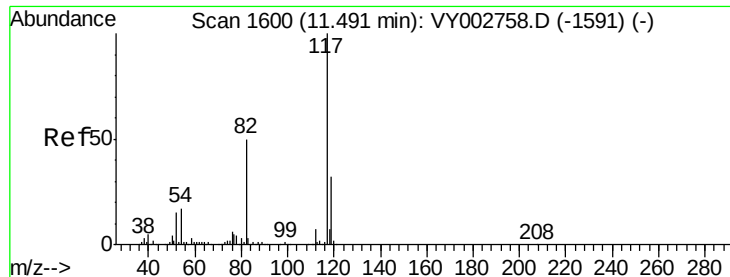
Ion Ratio Lower Upper

95 100

174 96.9 0.0 191.2

176 94.9 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: VY002922.D

Acq: 18 Jun 2020 16:24

Instrument :

MSVOA_Y

ClientSampleId :

SL-WC-02

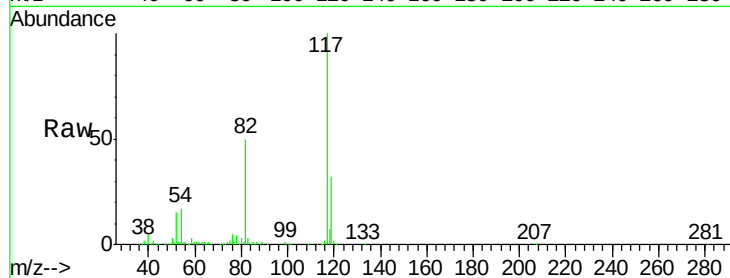
Tot Ion:117 Resp: 321484

Ion Ratio Lower Upper

117 100

82 50.2 40.2 60.4

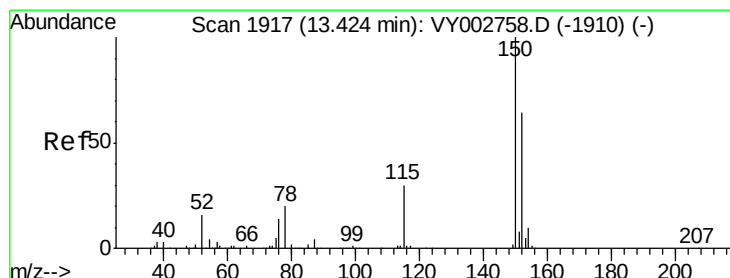
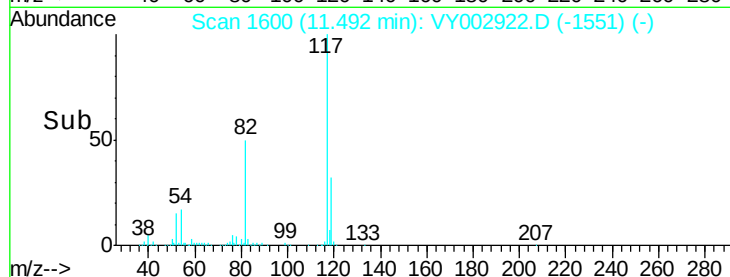
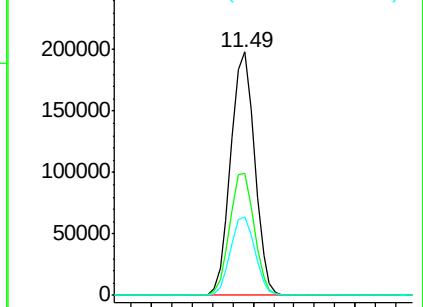
119 32.0 25.8 38.8



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: VY002922.D

Acq: 18 Jun 2020 16:24

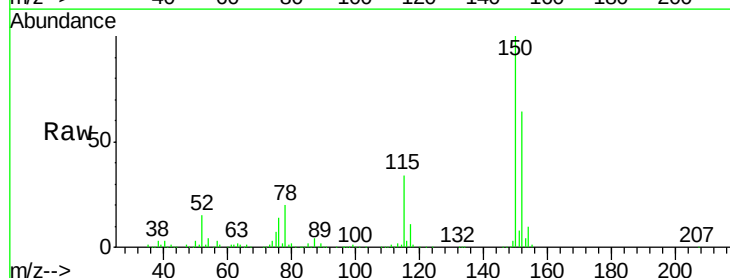
Tgt Ion:152 Resp: 114305

Ion Ratio Lower Upper

152 100

115 54.1 27.0 81.0

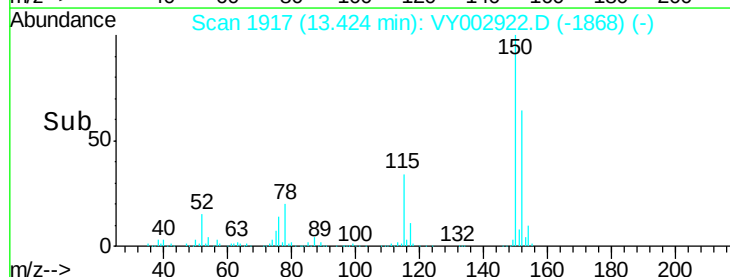
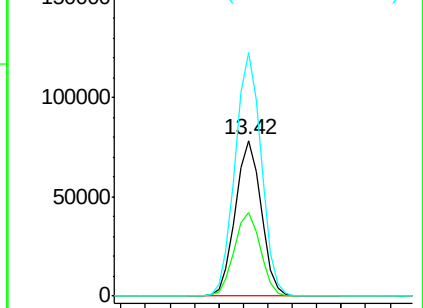
150 158.4 0.0 344.8

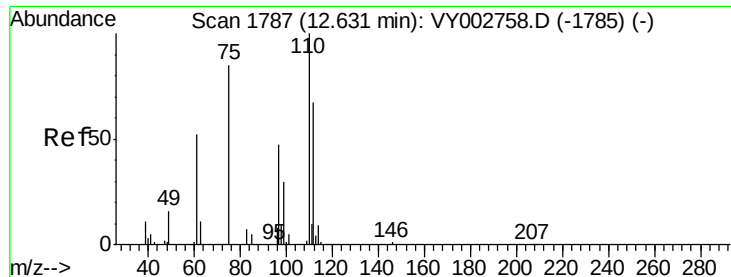


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 54.730 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002922.D

Acq: 18 Jun 2020 16:24

Instrument :

MSVOA_Y

ClientSampled :

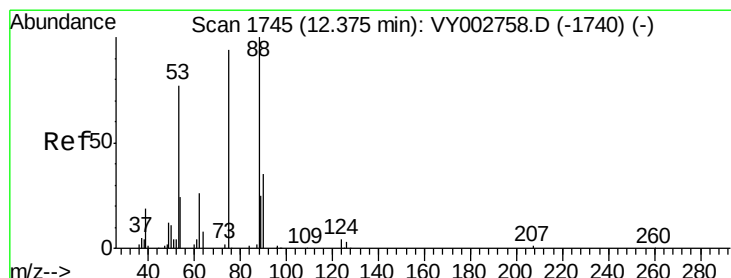
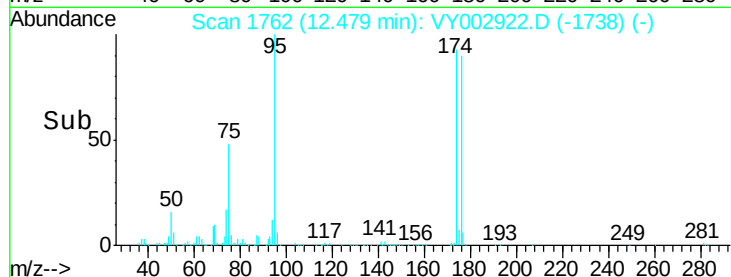
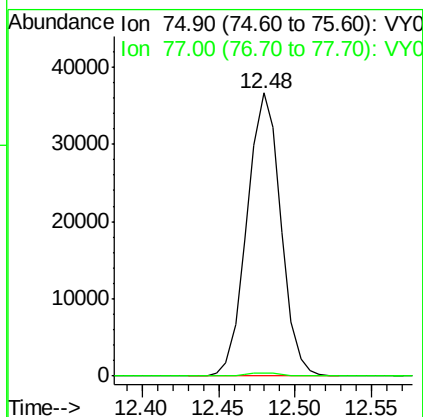
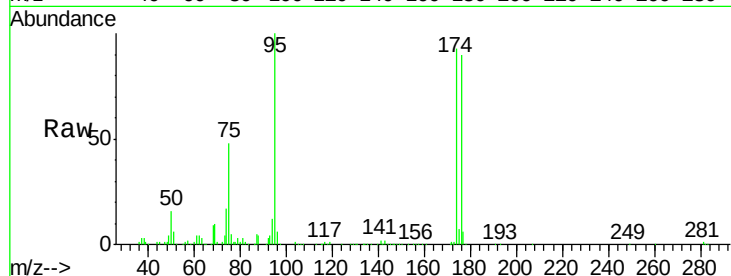
SL-WC-02

Tot Ion: 75 Resp: 56370

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.111 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002922.D

Acq: 18 Jun 2020 16:24

Tgt Ion: 75 Resp: 56370

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#

