

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013905.D
 Acq On : 10 Dec 2019 17:56
 Operator : JC/SP
 Sample : K6197-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-GW

Quant Time: Dec 11 06:30:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	582912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	898484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	812183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	354657	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	333325	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
35) Dibromofluoromethane	5.49	113	272889	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	1070676	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	358669	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	

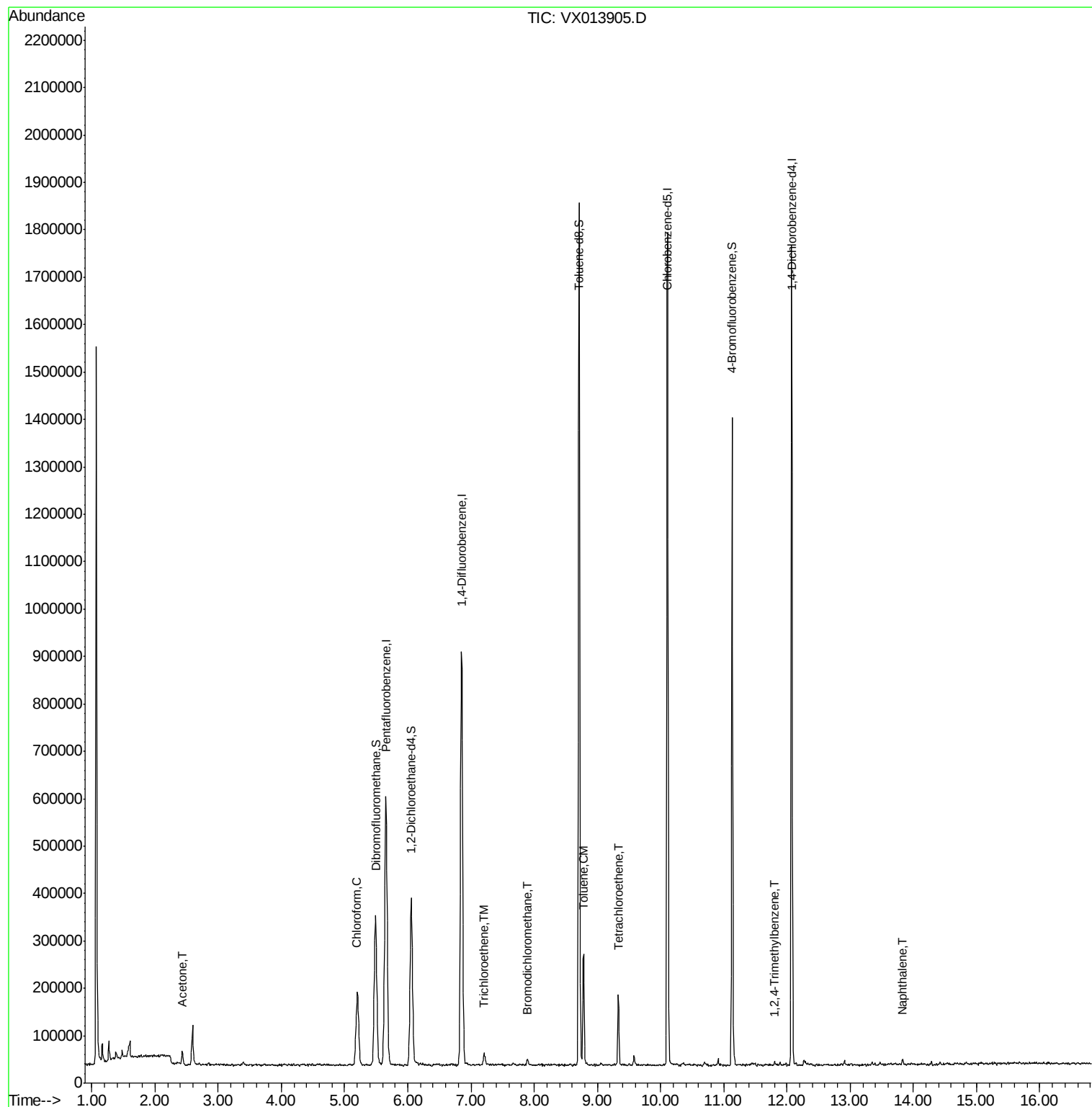
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	28849	8.636	ug/l	100
30) Chloroform	5.20	83	184351	17.154	ug/l	95
44) Trichloroethene	7.21	130	11243	1.649	ug/l	93
47) Bromodichloromethane	7.89	83	10006	1.254	ug/l #	84
52) Toluene	8.78	92	89258	5.784	ug/l	96
64) Tetrachloroethene	9.33	164	29422	4.858	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	4282	0.207	ug/l	79
95) Naphthalene	13.83	128	8811	0.367	ug/l	99

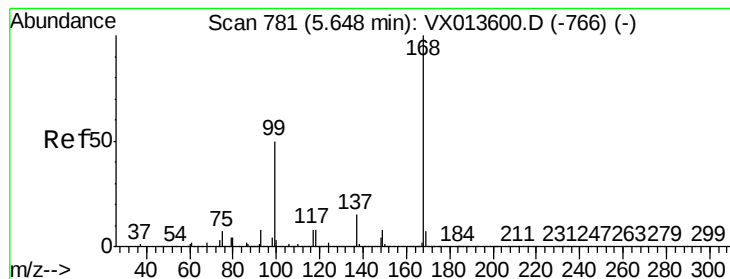
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121019\
Data File : VX013905.D
Acq On : 10 Dec 2019 17:56
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MSVOA_X
ClientSampleId :
WC-GW

Quant Time: Dec 11 06:30:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

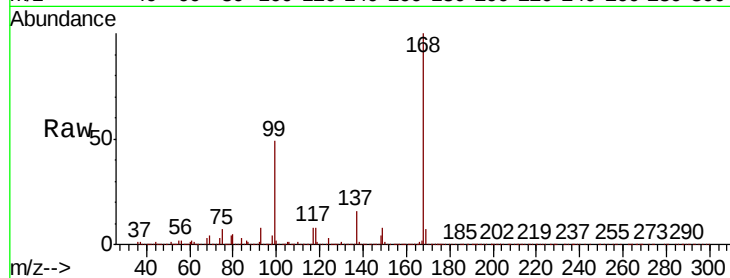
WC-GW

Tot Ion:168 Resp: 582912

Ion Ratio Lower Upper

168 100

99 49.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

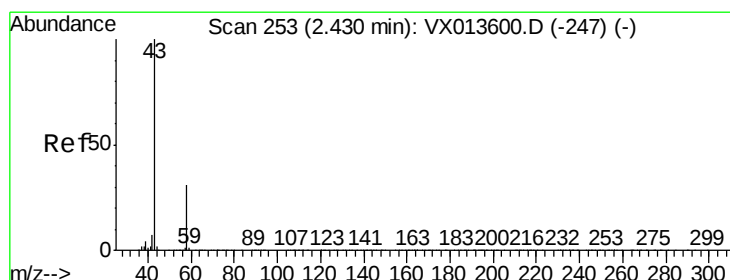
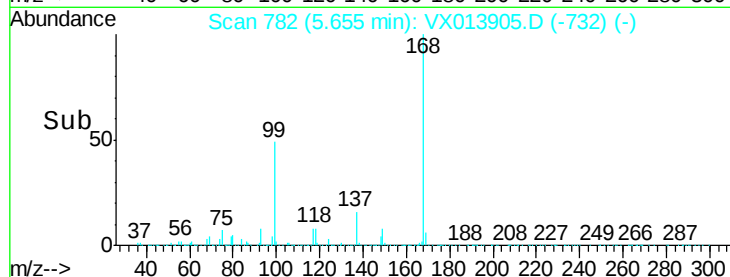
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.636 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013905.D

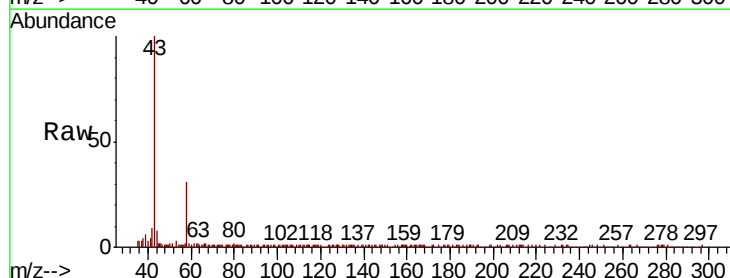
Acq: 10 Dec 2019 17:56

Tgt Ion: 43 Resp: 28849

Ion Ratio Lower Upper

43 100

58 30.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

20000

15000

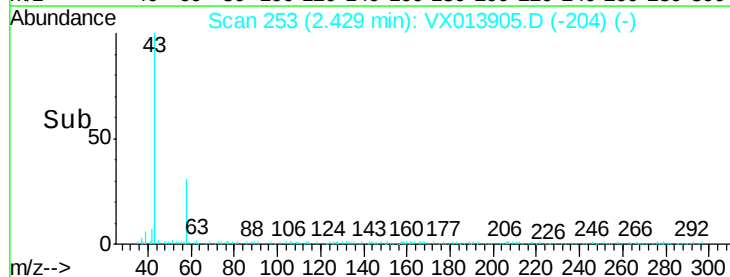
10000

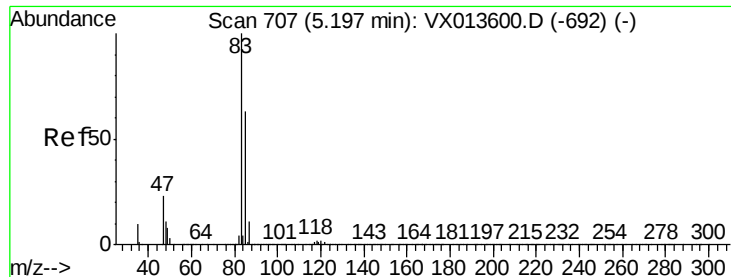
5000

0

Time-->

2.35 2.40 2.45 2.50





#30

Chloroform

Concen: 17.154 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

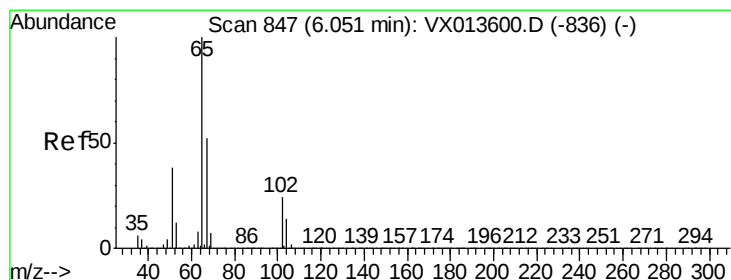
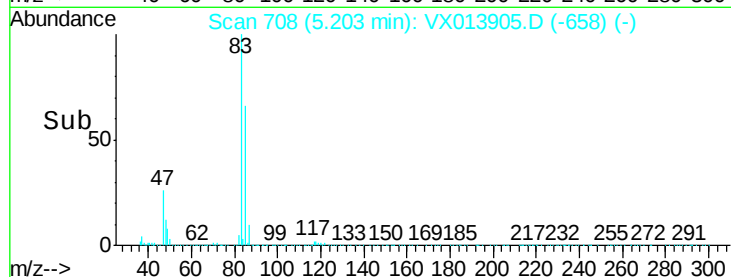
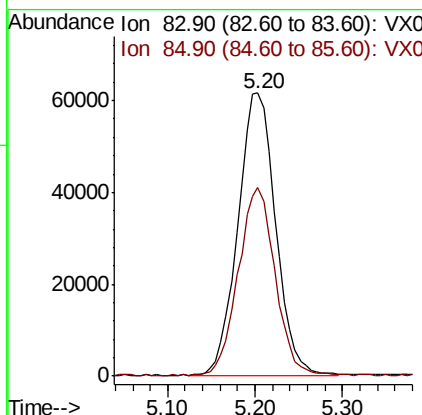
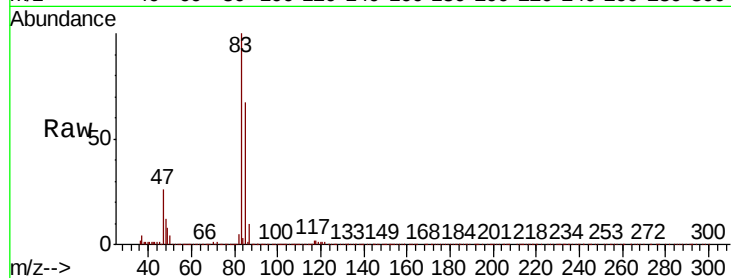
WC-GW

Tot Ion: 83 Resp: 184351

Ion Ratio Lower Upper

83 100

85 66.7 50.2 75.4



#33

1,2-Dichloroethane-d4

Concen: 49.263 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013905.D

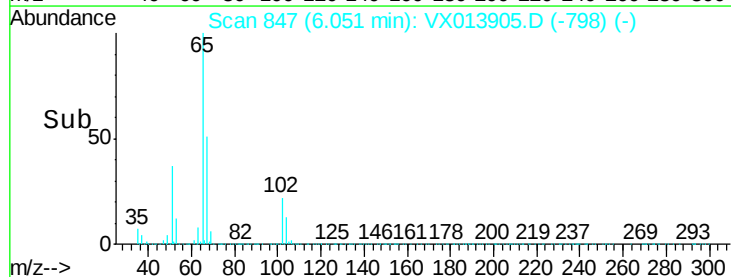
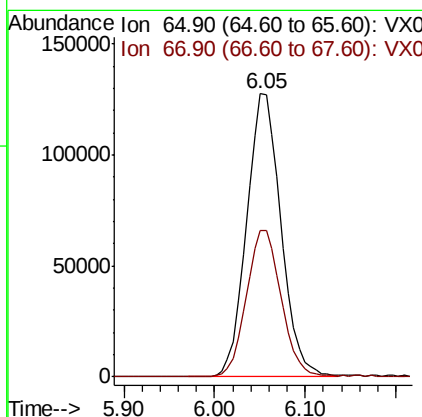
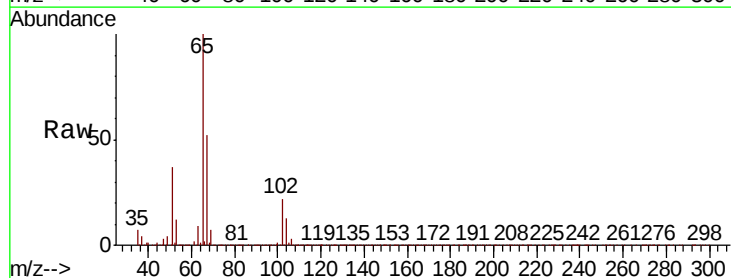
Acq: 10 Dec 2019 17:56

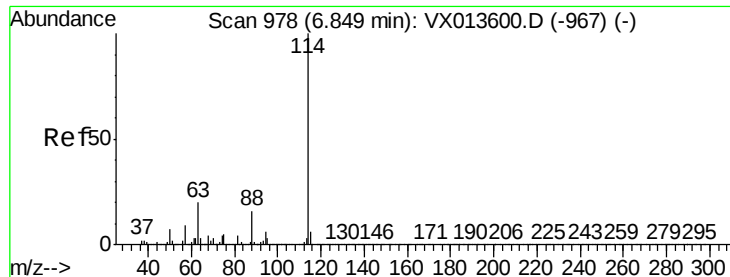
Tgt Ion: 65 Resp: 333325

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

WC-GW

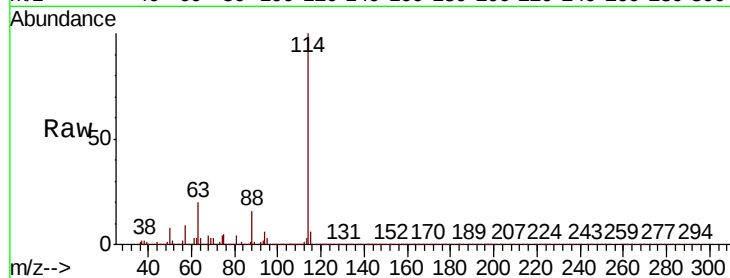
Tot Ion:114 Resp: 898484

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

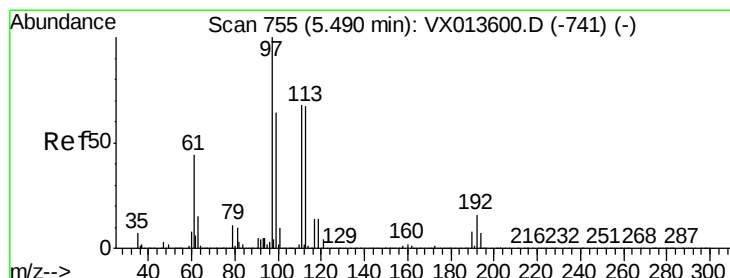
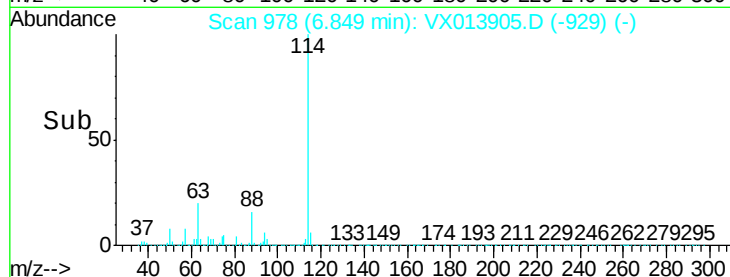
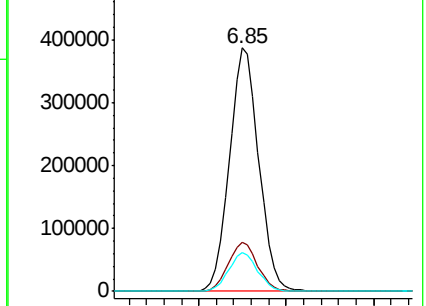
88 15.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.129 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

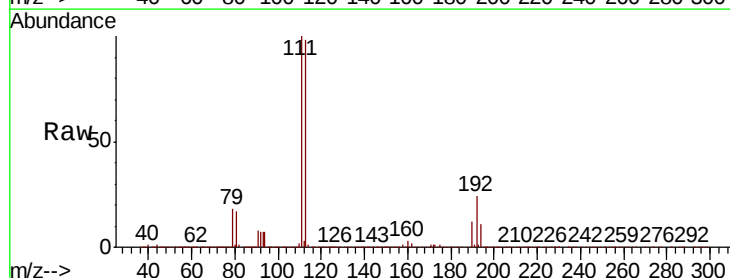
Tgt Ion:113 Resp: 272889

Ion Ratio Lower Upper

113 100

111 103.0 83.6 125.4

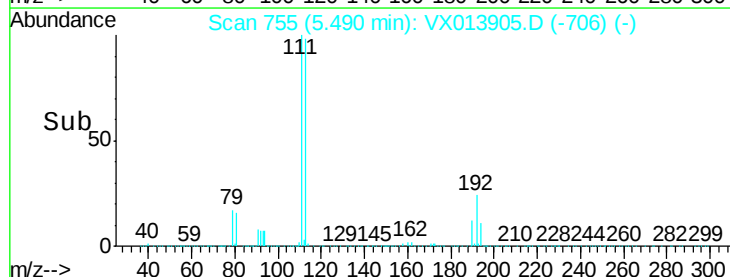
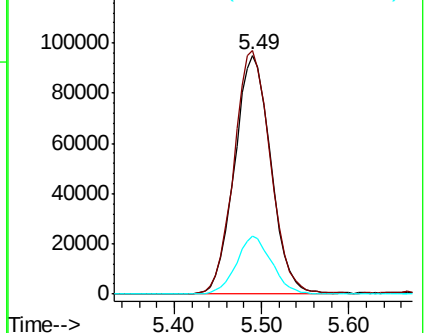
192 23.7 19.2 28.8

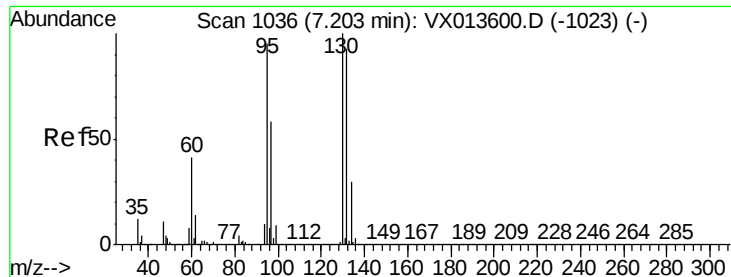


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.649 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

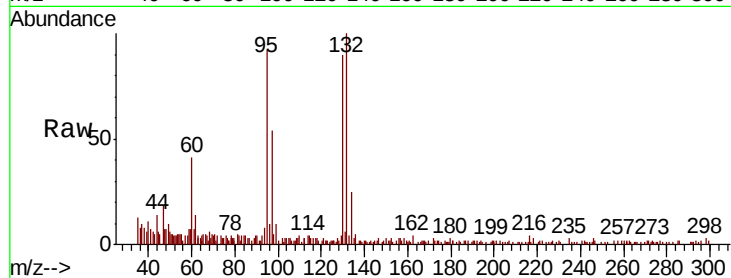
WC-GW

Tot Ion:130 Resp: 11243

Ion Ratio Lower Upper

130 100

95 102.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

6000

5000

4000

3000

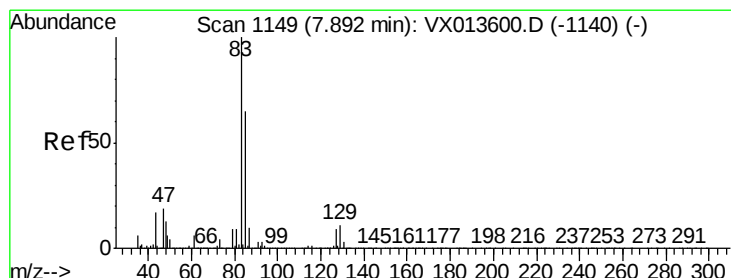
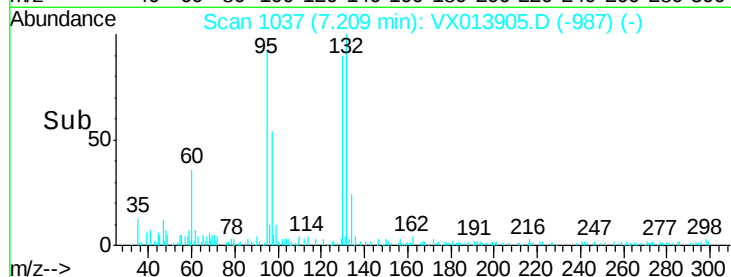
2000

1000

0

7.15 7.20 7.25 7.30

Time-->



#47

Bromodichloromethane

Concen: 1.254 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

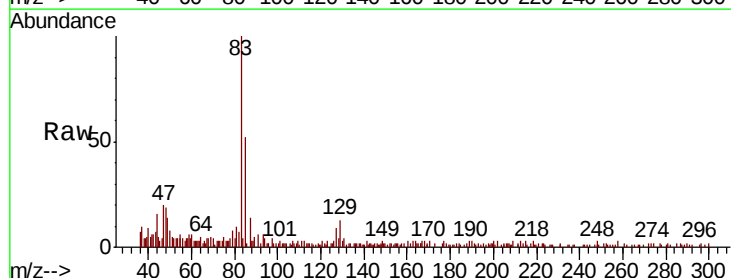
Tgt Ion: 83 Resp: 10006

Ion Ratio Lower Upper

83 100

85 52.0 52.1 78.1#

127 4.7 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

8000

6000

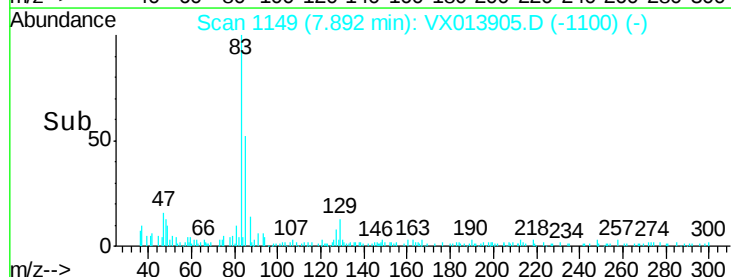
4000

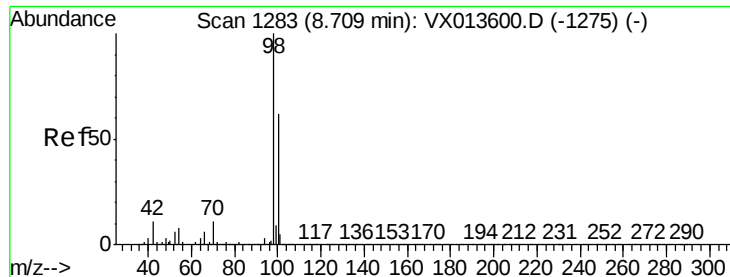
2000

0

7.85 7.90 7.95

Time-->





#50

Toluene-d8

Concen: 49.474 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

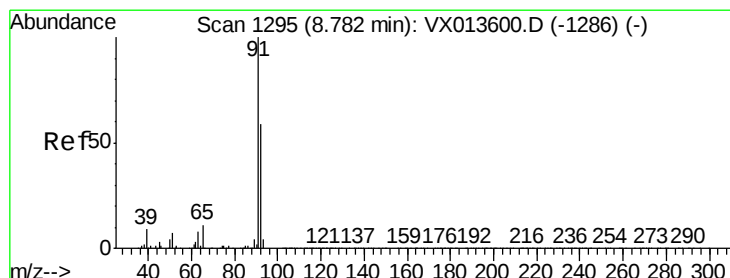
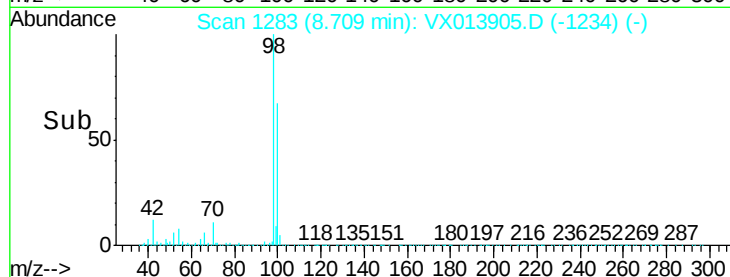
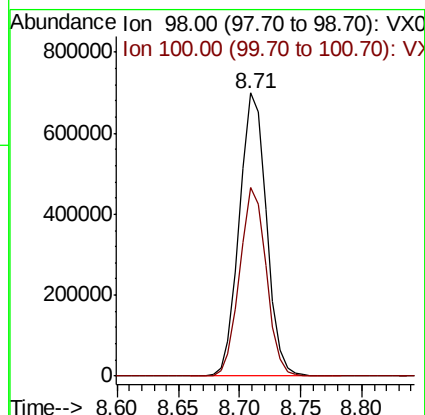
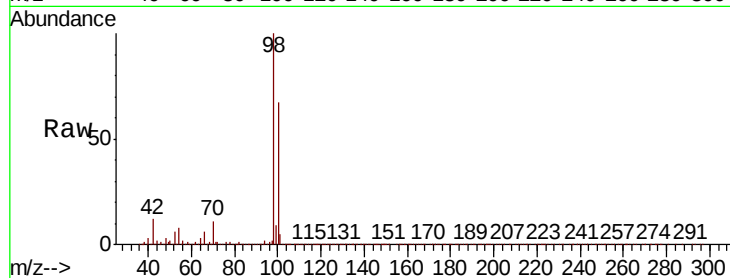
WC-GW

Tot Ion: 98 Resp: 1070676

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#52

Toluene

Concen: 5.784 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013905.D

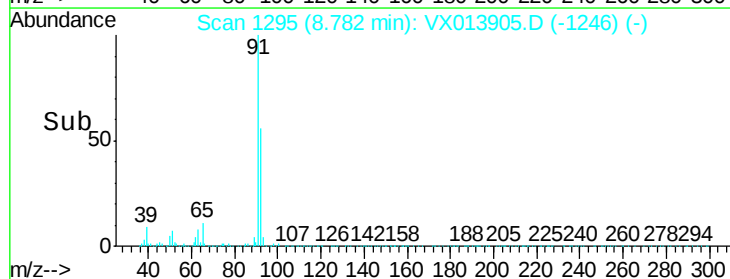
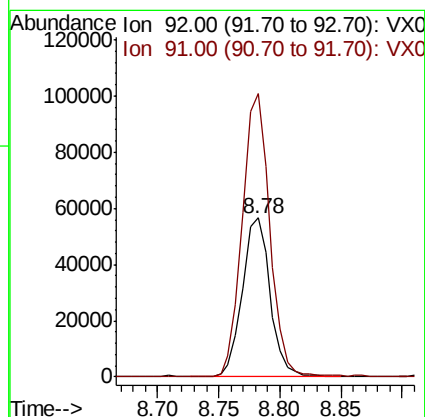
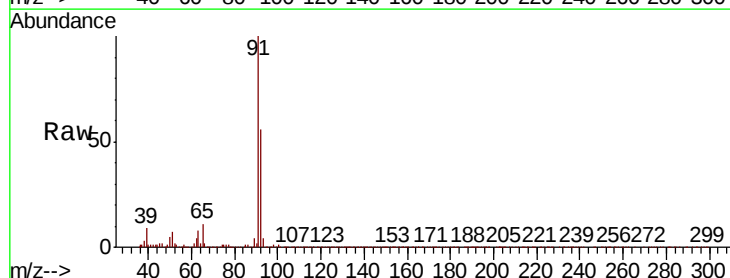
Acq: 10 Dec 2019 17:56

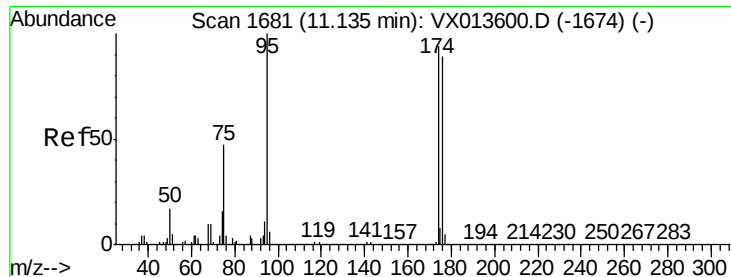
Tgt Ion: 92 Resp: 89258

Ion Ratio Lower Upper

92 100

91 175.5 136.2 204.2





#62

4-Bromofluorobenzene

Concen: 45.961 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

WC-GW

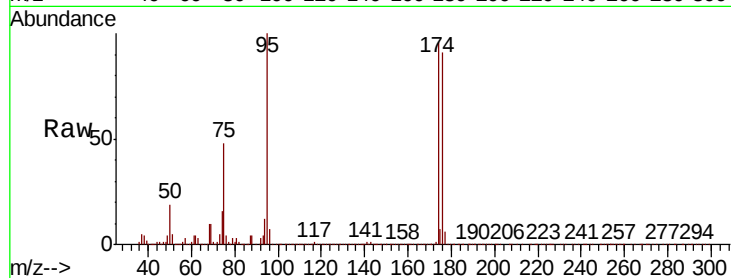
Tot Ion: 95 Resp: 358669

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

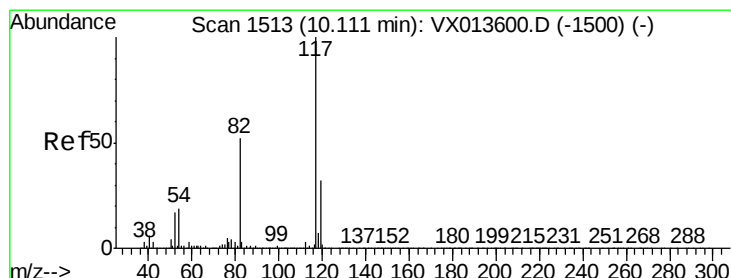
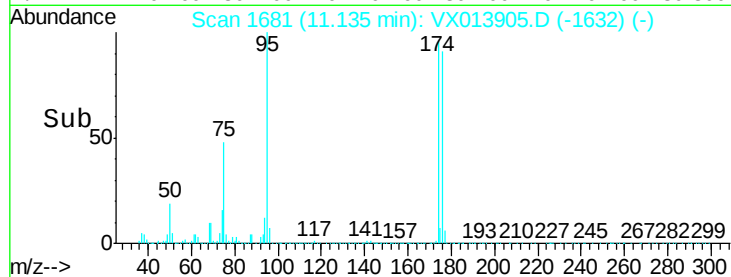
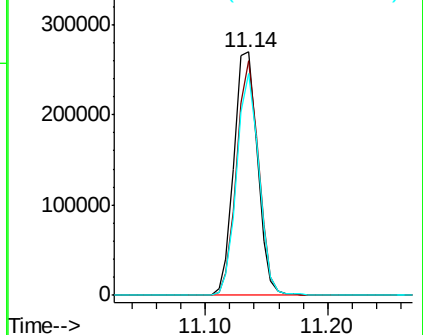
176 86.2 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

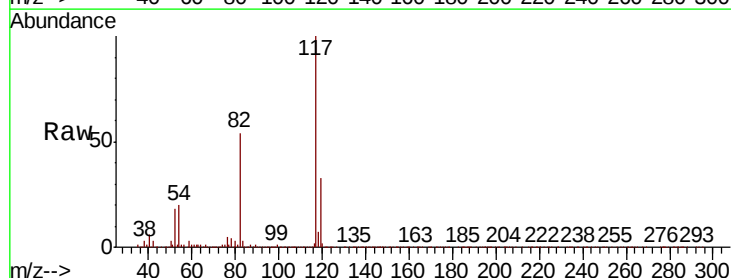
Tgt Ion: 117 Resp: 812183

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.8

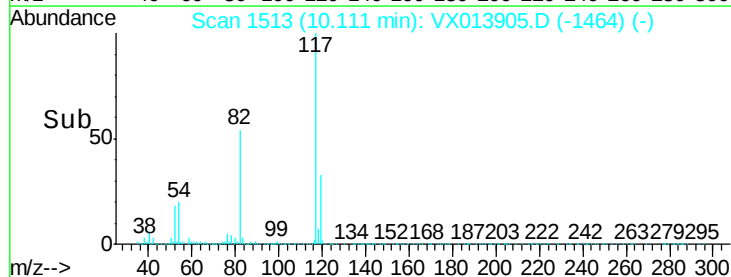
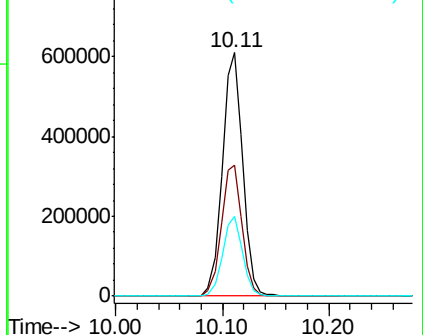
119 32.7 25.8 38.8

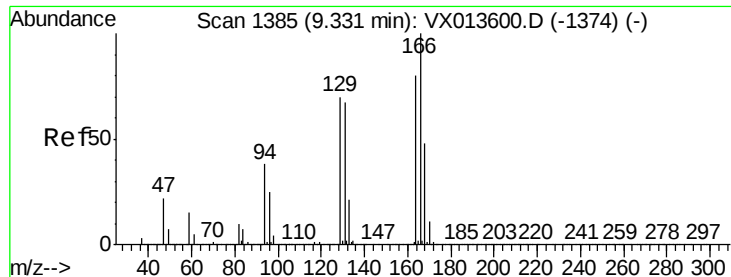


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 4.858 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

WC-GW

Tot Ion:164 Resp: 29422

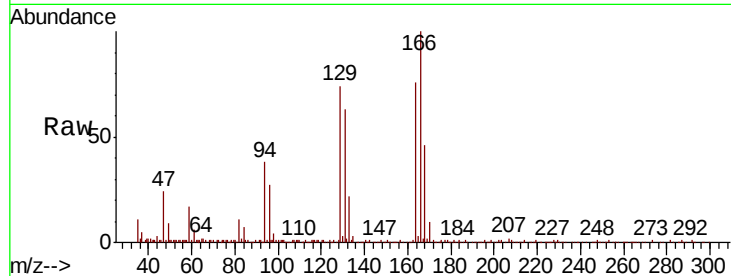
Ion Ratio Lower Upper

164 100

166 132.1 99.7 149.5

129 97.0 70.1 105.1

131 82.1 66.9 100.3

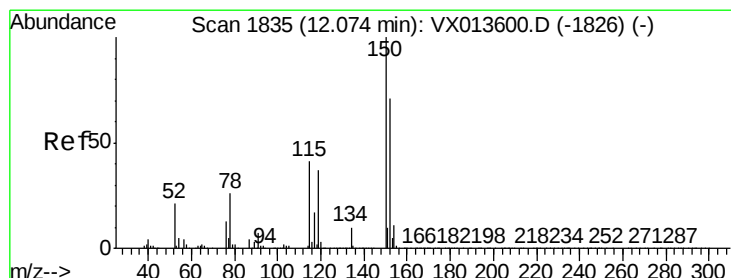
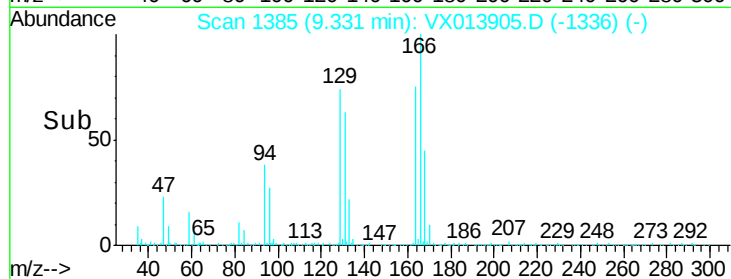
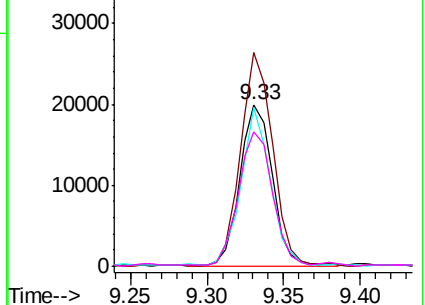


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013905.D

Acq: 10 Dec 2019 17:56

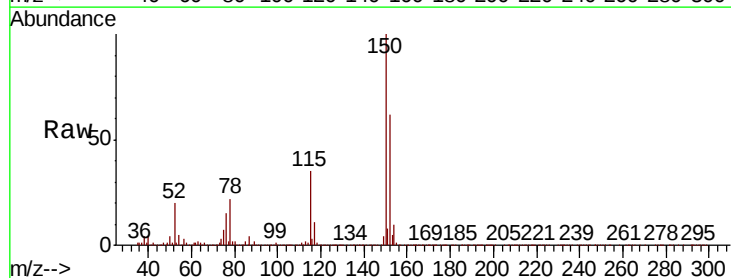
Tgt Ion:152 Resp: 354657

Ion Ratio Lower Upper

152 100

115 56.5 38.4 115.1

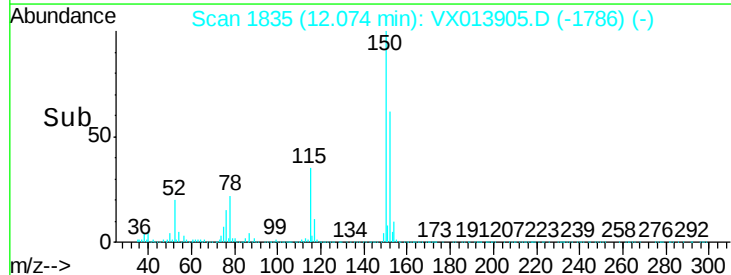
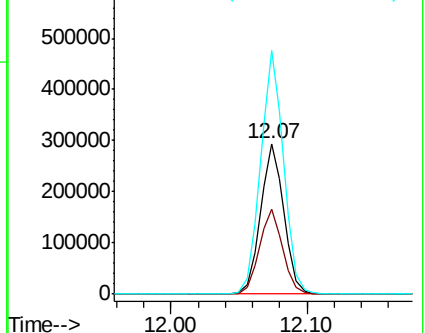
150 159.5 0.0 346.8

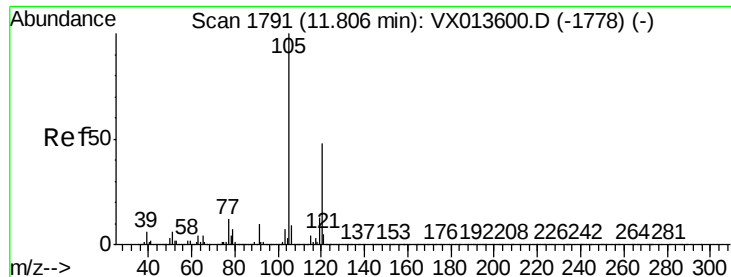


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

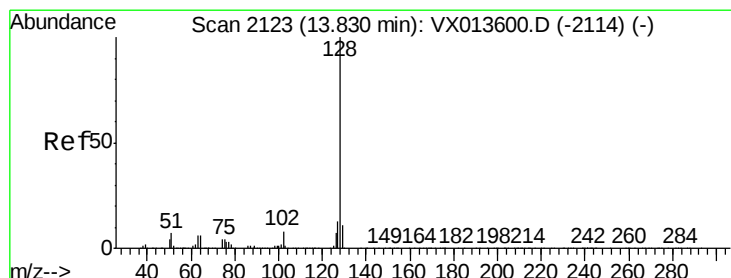
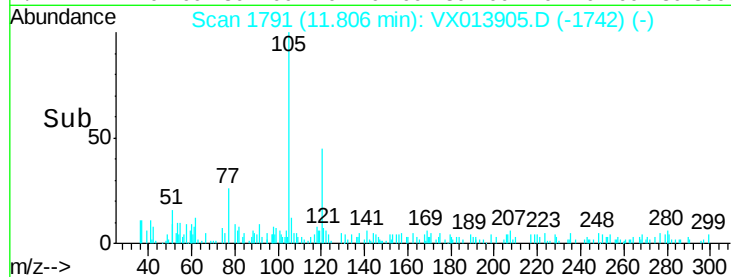
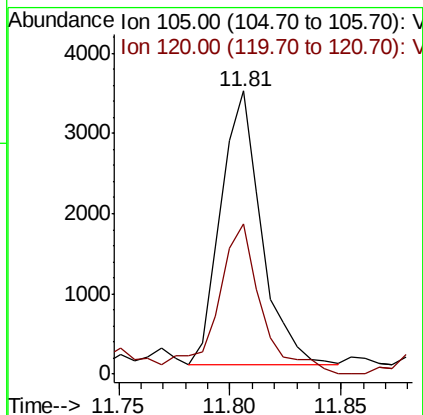
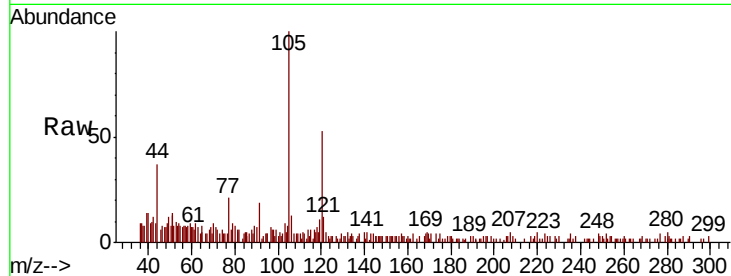




#84
 1,2,4-Trimethylbenzene
 Concen: 0.207 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013905.D
 Acq: 10 Dec 2019 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-GW

Tot Ion:105 Resp: 4282
 Ion Ratio Lower Upper
 105 100
 120 60.3 23.1 69.3



#95
 Naphthalene
 Concen: 0.367 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: VX013905.D
 Acq: 10 Dec 2019 17:56

Tgt Ion:128 Resp: 8811
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.3 15.5
 129 11.1 8.7 13.1

