

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002047.D
 Acq On : 27 May 2018 04:44
 Operator : JC/MD
 Sample : J3104-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-B

Quant Time: May 29 06:02:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	29738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	45426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	41365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	19933	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	64258	120.88	ug/l	0.00
Spiked Amount			Recovery	=	241.76%	
35) Dibromofluoromethane	5.51	113	47710	105.03	ug/l	0.00
Spiked Amount			Recovery	=	210.06%	
50) Toluene-d8	8.72	98	165078	100.38	ug/l	0.00
Spiked Amount			Recovery	=	200.76%	
62) 4-Bromofluorobenzene	11.14	95	56400	87.65	ug/l	0.00
Spiked Amount			Recovery	=	175.30%	

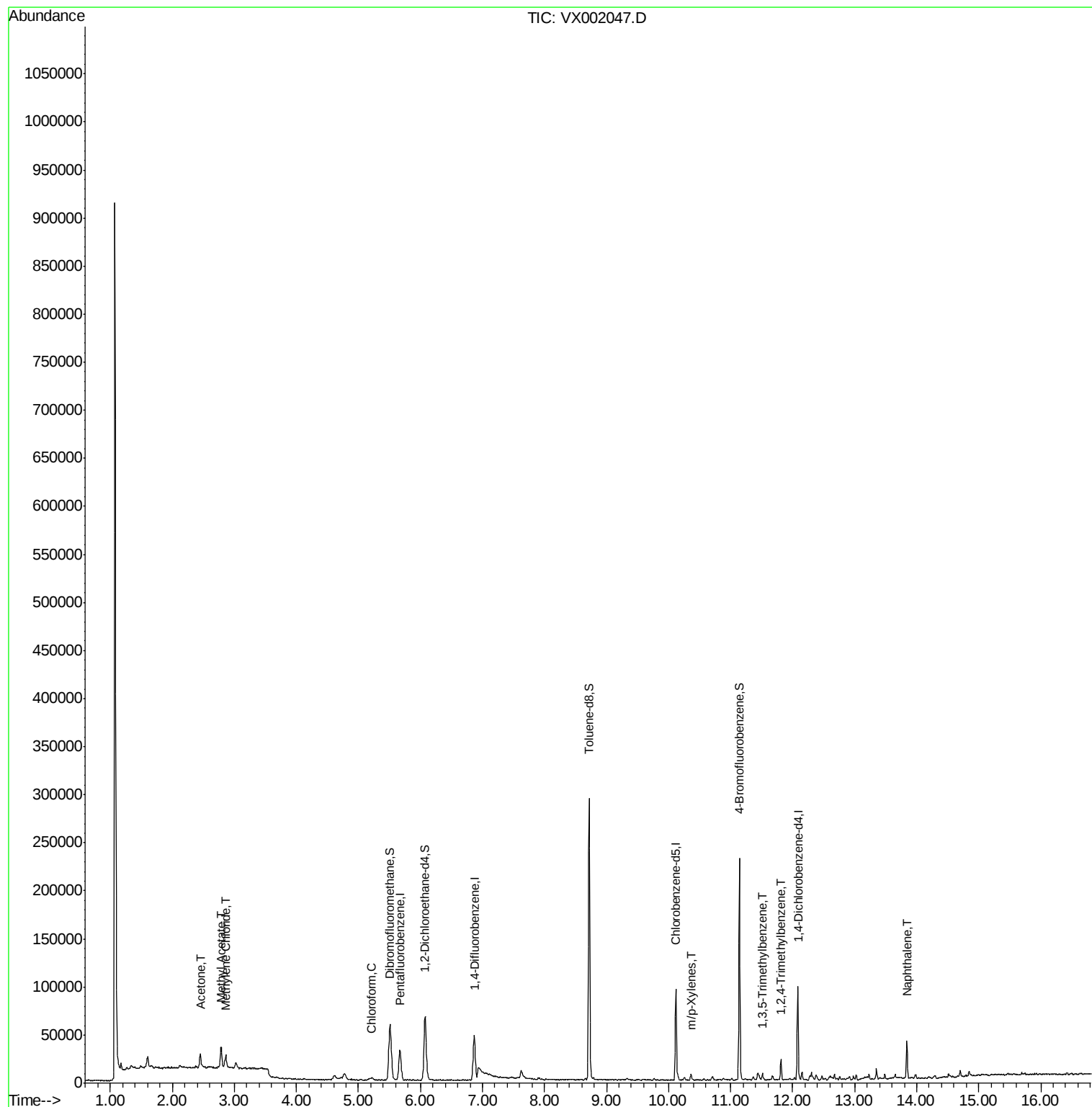
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	15499	75.55	ug/l	98
18) Methyl Acetate	2.78	43	27949	56.71	ug/l	97
20) Methylene Chloride	2.86	84	6623	17.56	ug/l	88
30) Chloroform	5.22	83	2117	2.67	ug/l	96
68) m/p-Xylenes	10.37	106	1531	1.76	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	2739	1.90	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	8829	5.92	ug/l	96
95) Naphthalene	13.84	128	22628	12.57	ug/l	99

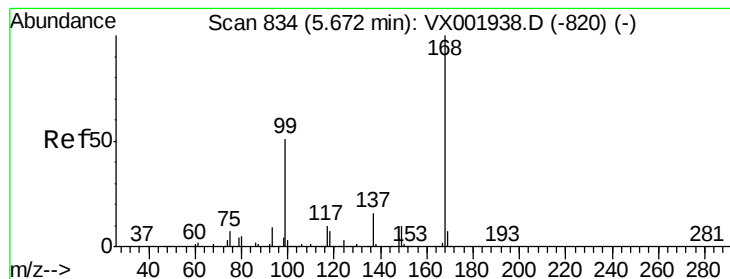
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

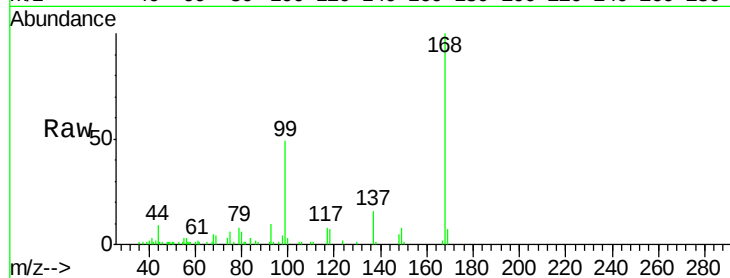
SP-B

Tot Ion:168 Resp: 29738

Ion Ratio Lower Upper

168 100

99 48.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

12000

10000

8000

6000

4000

2000

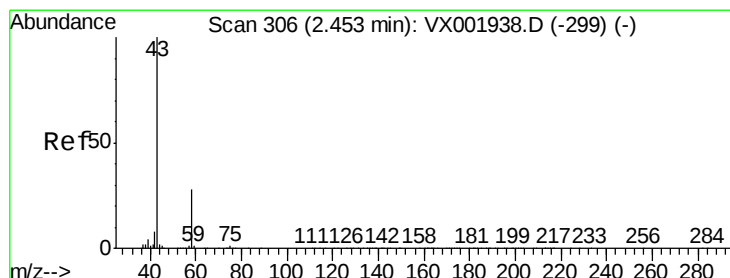
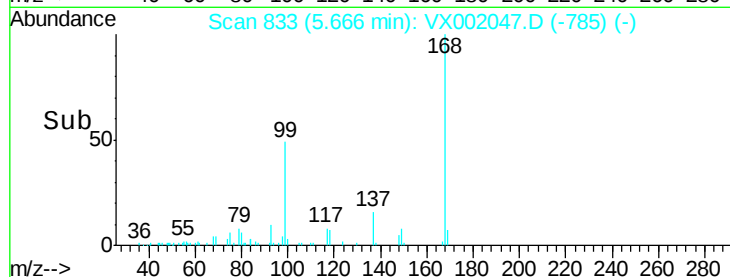
0

Time-->

5.60

5.70

5.80



#16

Acetone

Concen: 75.55 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002047.D

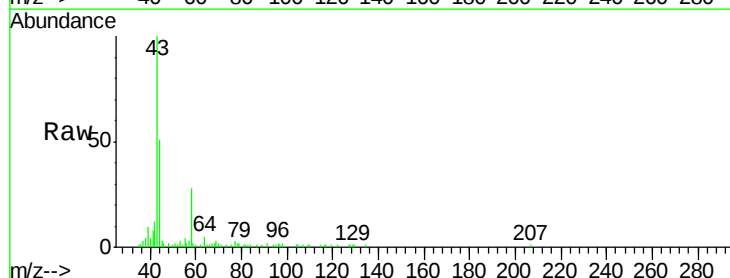
Acq: 27 May 2018 04:44

Tgt Ion: 43 Resp: 15499

Ion Ratio Lower Upper

43 100

58 29.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

6000

4000

2000

0

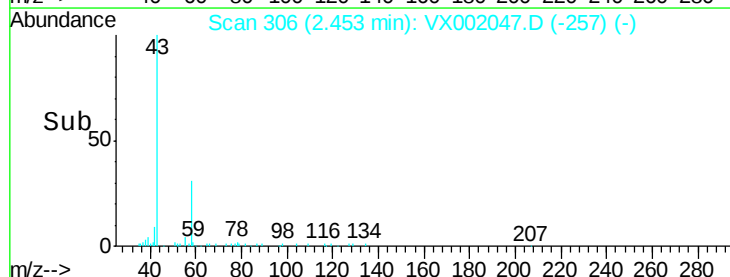
Time-->

2.40

2.45

2.50

2.55

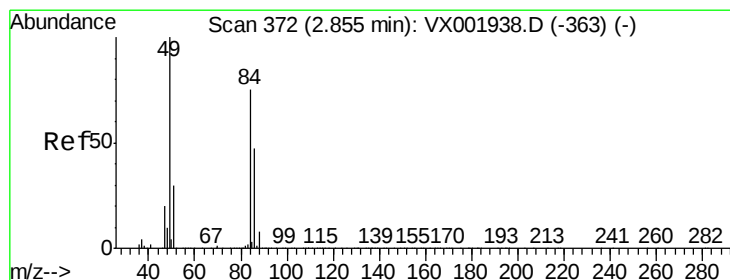
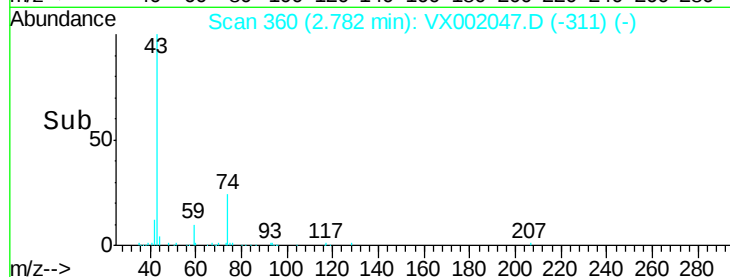
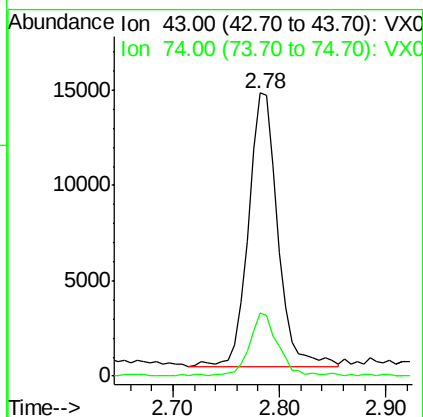
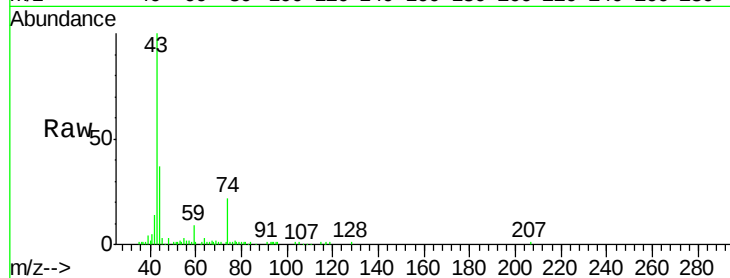




#18
Methvl Acetate
Concen: 56.71 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002047.D
Acq: 27 May 2018 04:44

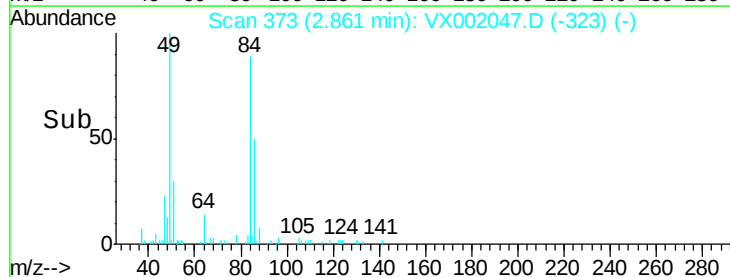
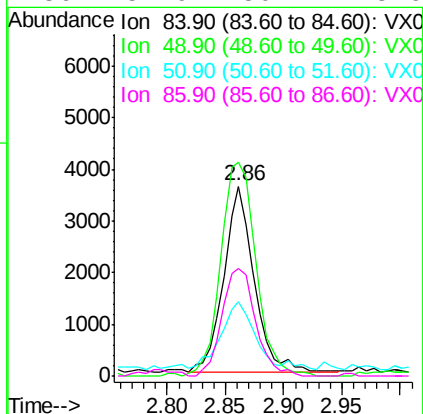
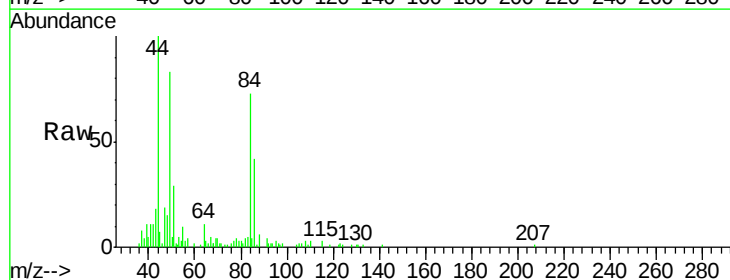
Instrument :
MSVOA_X
ClientSampleId :
SP-B

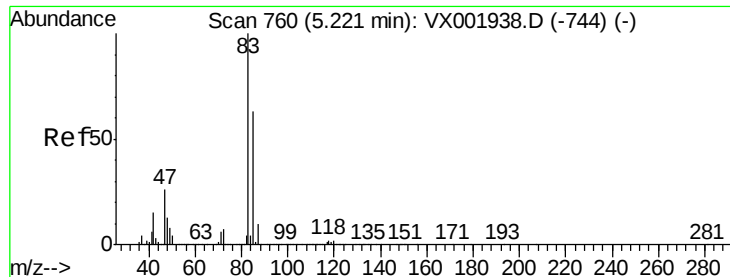
Tot Ion: 43 Resp: 27949
Ion Ratio Lower Upper
43 100
74 22.6 16.8 25.2



#20
Methylene Chloride
Concen: 17.56 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002047.D
Acq: 27 May 2018 04:44

Tgt Ion: 84 Resp: 6623
Ion Ratio Lower Upper
84 100
49 114.7 107.2 160.8
51 35.6 32.4 48.6
86 57.9 50.4 75.6





#30

Chloroform

Concen: 2.67 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

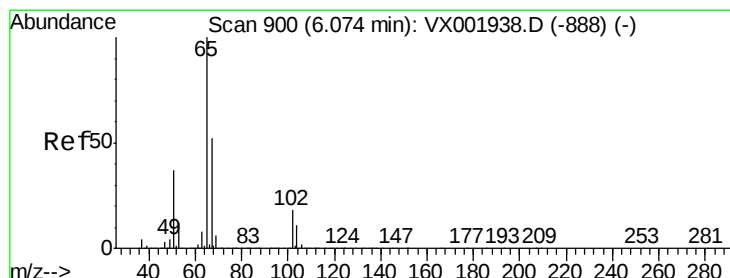
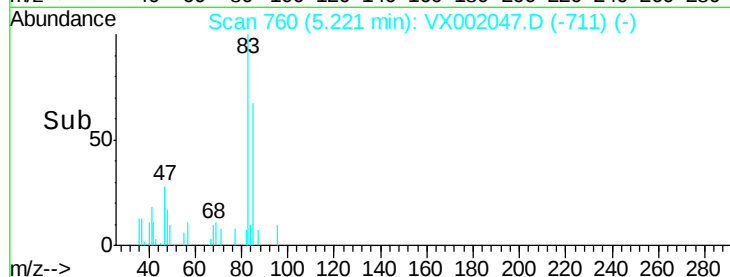
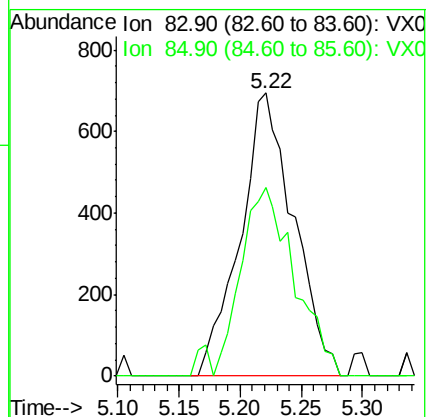
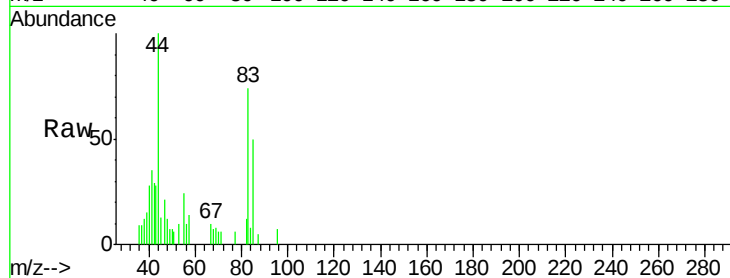
SP-B

Tot Ion: 83 Resp: 2117

Ion Ratio Lower Upper

83 100

85 66.9 50.9 76.3



#33

1,2-Dichloroethane-d4

Concen: 120.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002047.D

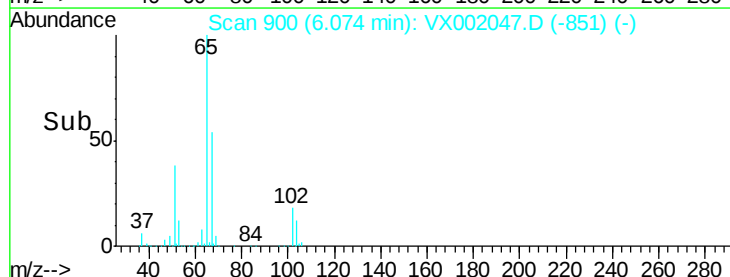
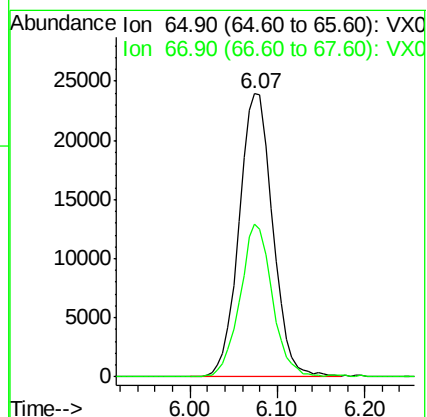
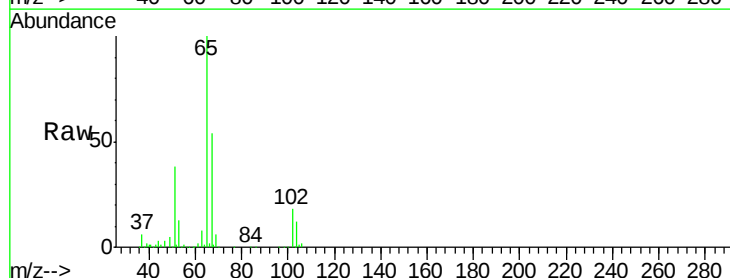
Acq: 27 May 2018 04:44

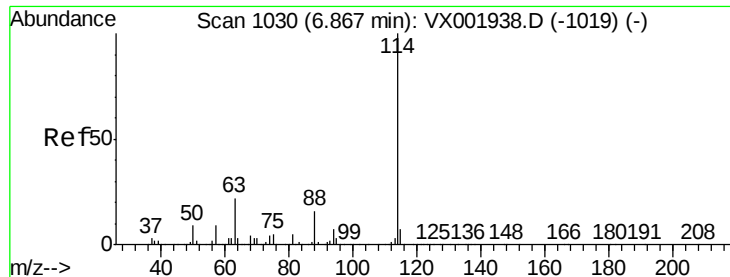
Tgt Ion: 65 Resp: 64258

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

Instrument :

MSVOA_X

ClientSampled :

SP-B

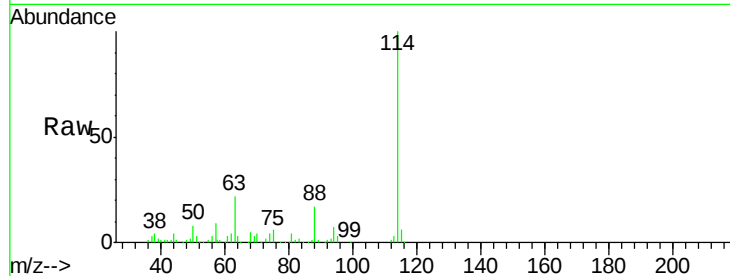
Tot Ion:114 Resp: 45426

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

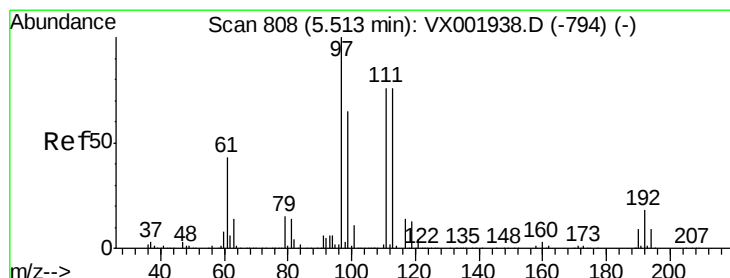
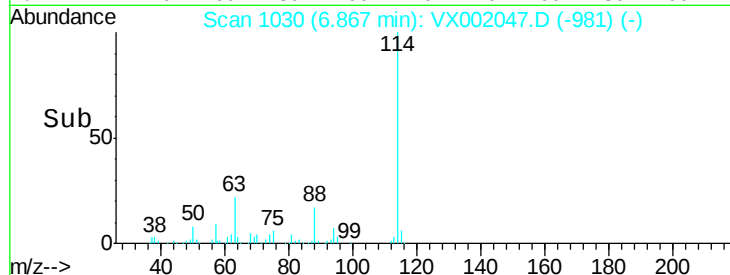
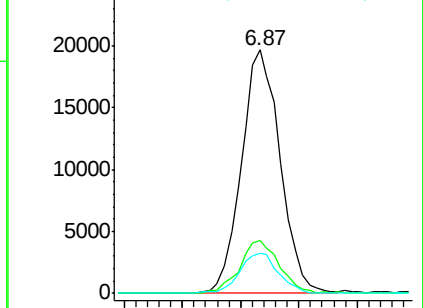
88 16.5 0.0 31.6



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: 105.03 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

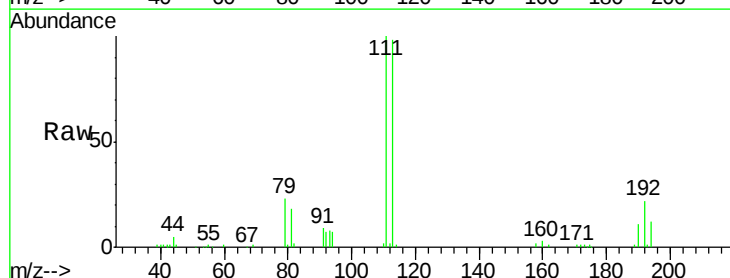
Tgt Ion:113 Resp: 47710

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

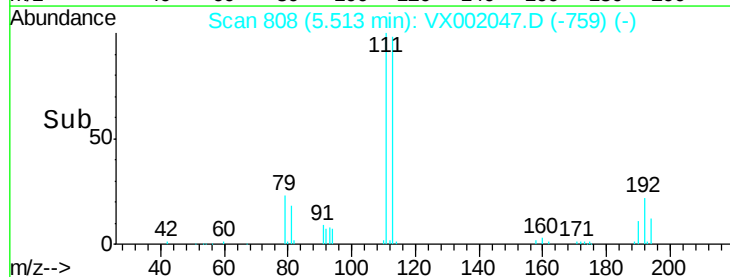
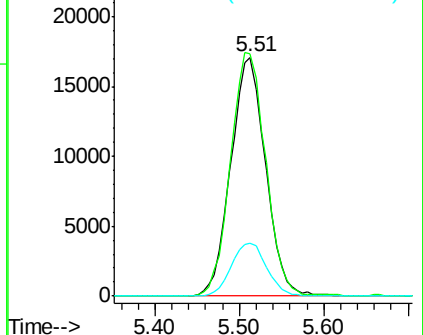
192 22.8 18.9 28.3

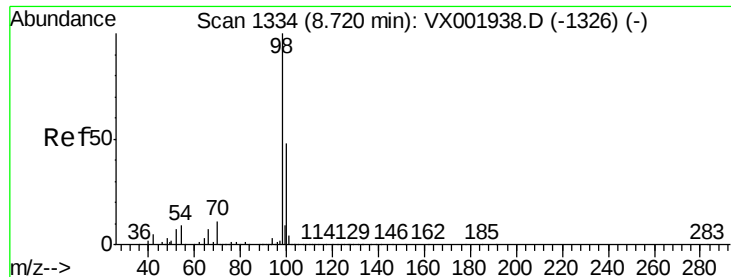


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 100.38 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

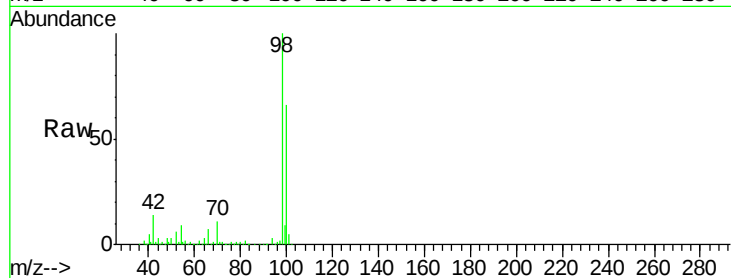
SP-B

Tot Ion: 98 Resp: 165078

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

120000

100000

80000

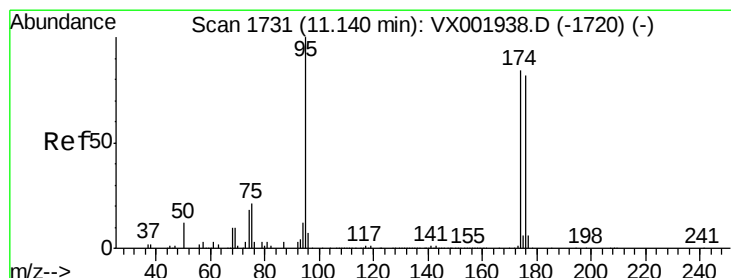
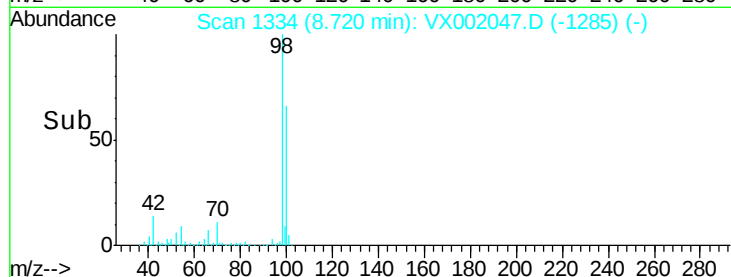
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 87.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

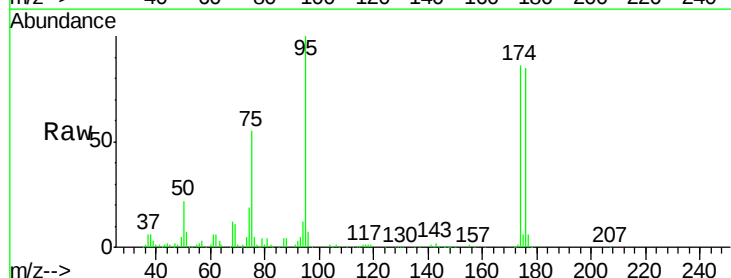
Tgt Ion: 95 Resp: 56400

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.8

176 89.1 0.0 175.6



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

11.14

60000

50000

40000

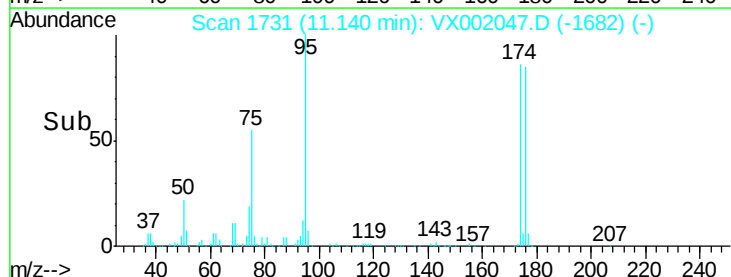
30000

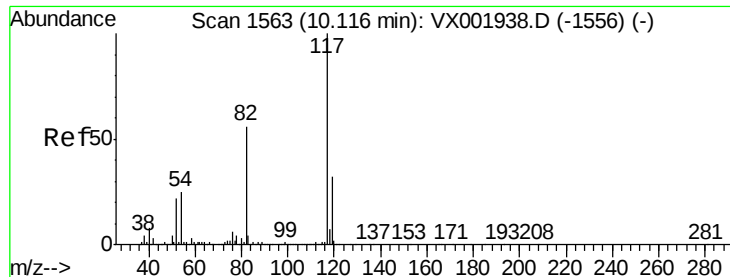
20000

10000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

SP-B

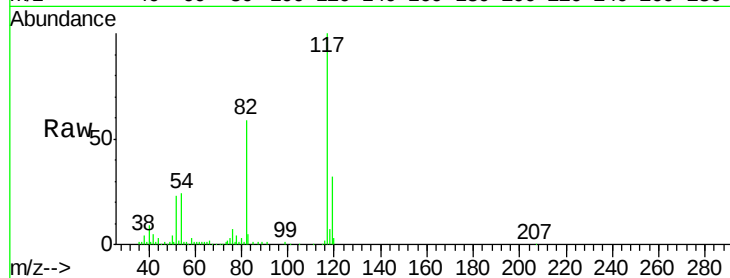
Tot Ion:117 Resp: 41365

Ion Ratio Lower Upper

117 100

82 59.5 44.8 67.2

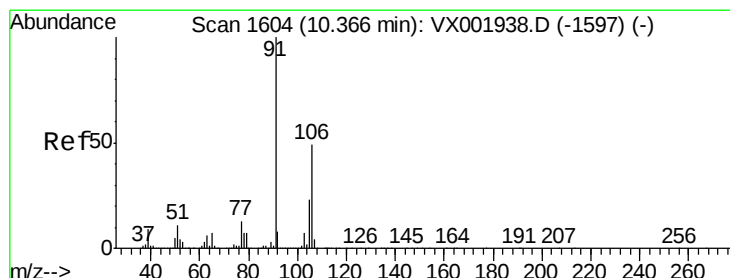
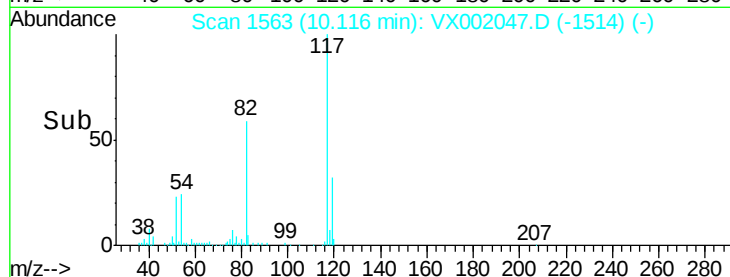
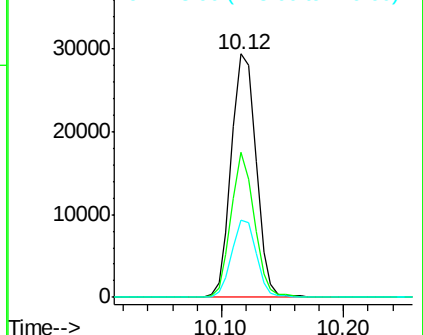
119 31.6 25.5 38.3



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



#68

m/p-Xylenes

Concen: 1.76 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002047.D

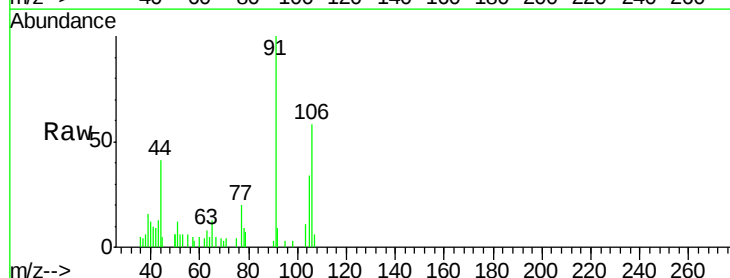
Acq: 27 May 2018 04:44

Tgt Ion:106 Resp: 1531

Ion Ratio Lower Upper

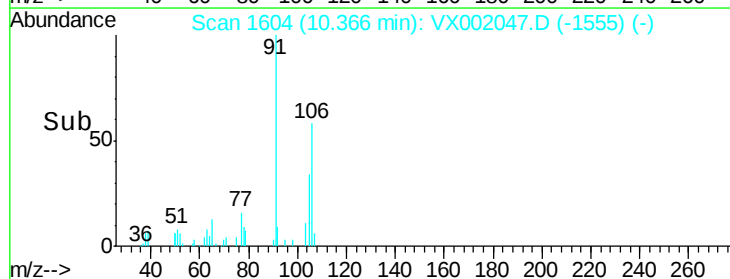
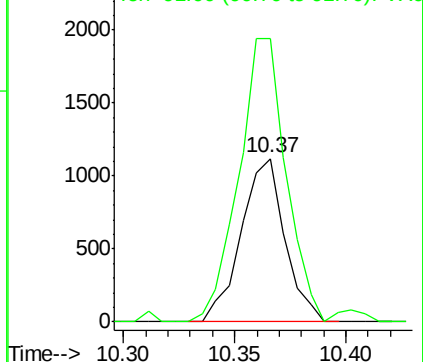
106 100

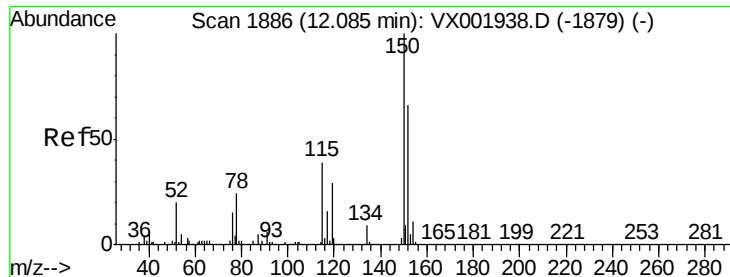
91 189.9 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

Instrument :

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ClientSampled :

SP-B

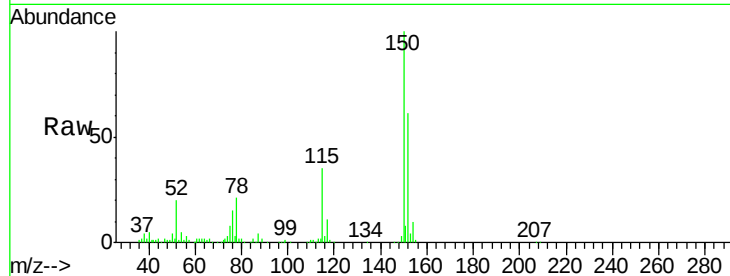
Tot Ion:152 Resp: 19933

Ion Ratio Lower Upper

152 100

115 57.9 42.3 126.8

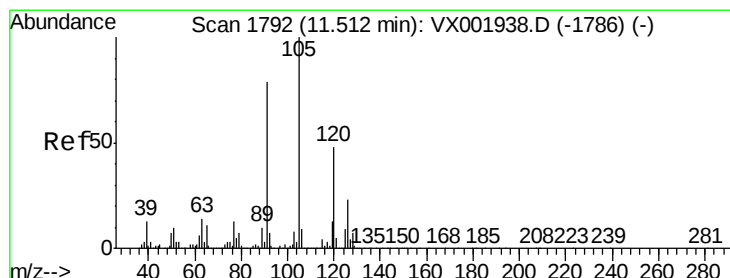
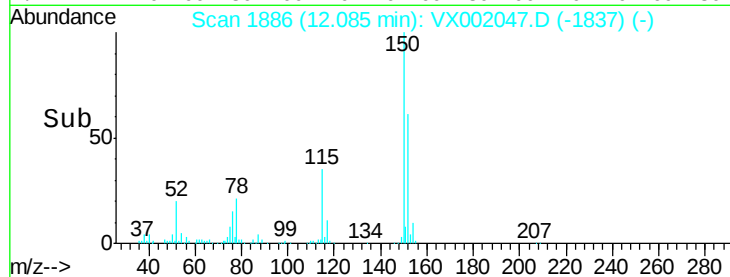
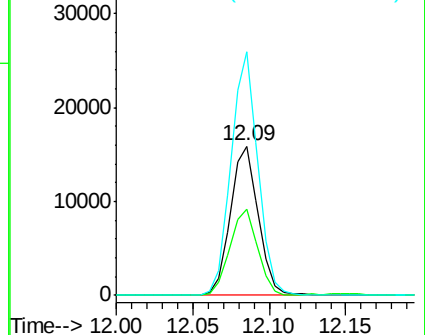
150 157.6 0.0 351.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.90 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002047.D

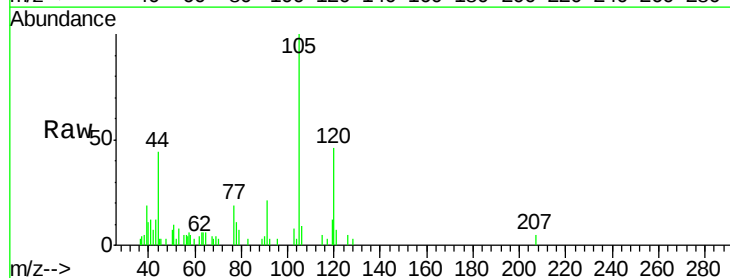
Acq: 27 May 2018 04:44

Tgt Ion:105 Resp: 2739

Ion Ratio Lower Upper

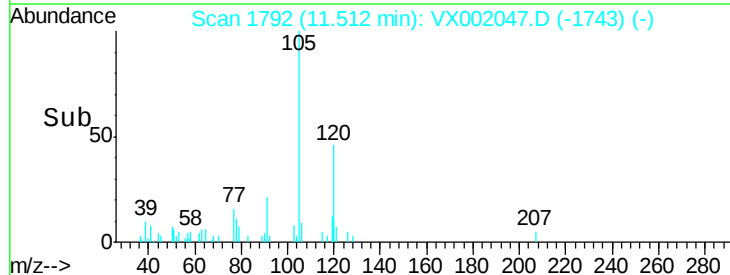
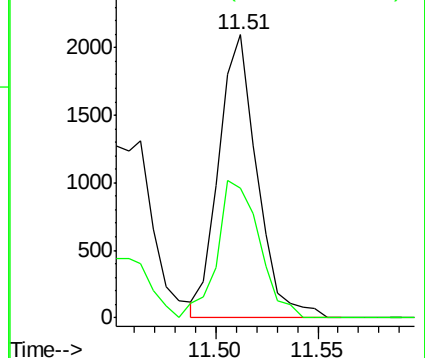
105 100

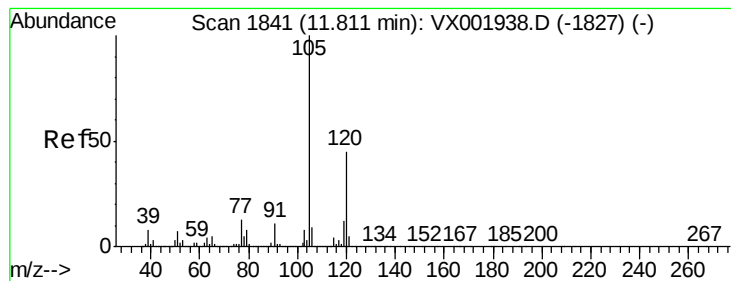
120 53.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 5.92 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

Instrument :

MSVOA_X

ClientSampleId :

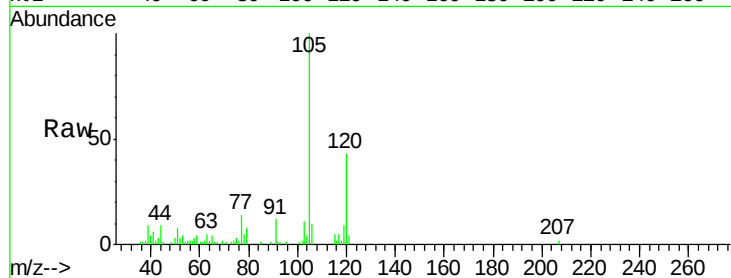
SP-B

Tot Ion:105 Resp: 8829

Ion Ratio Lower Upper

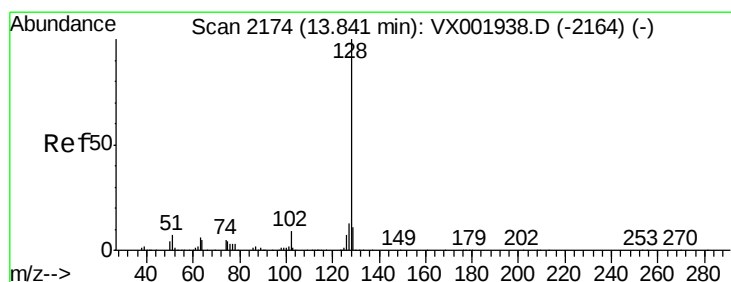
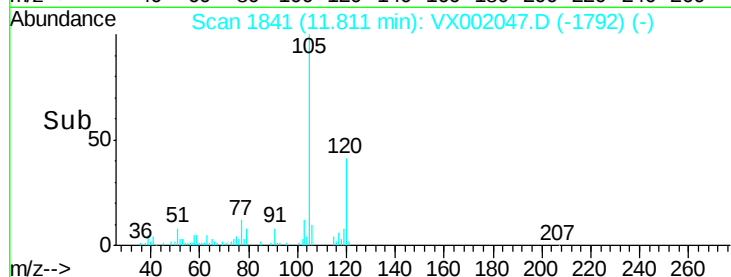
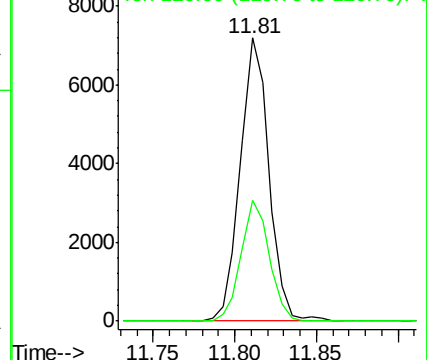
105 100

120 41.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 12.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002047.D

Acq: 27 May 2018 04:44

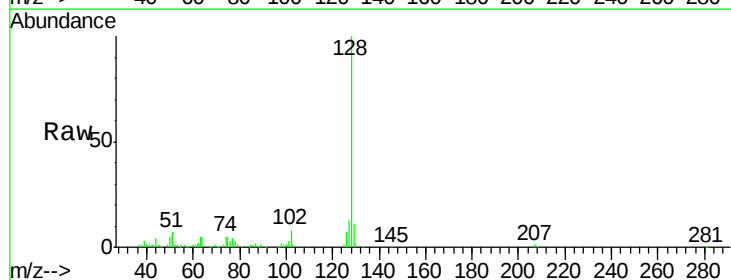
Tgt Ion:128 Resp: 22628

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

