

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000244.D
 Acq On : 09 Mar 2018 01:40
 Operator : JC/MD
 Sample : J1749-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-01-030618

Quant Time: Mar 09 05:48:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

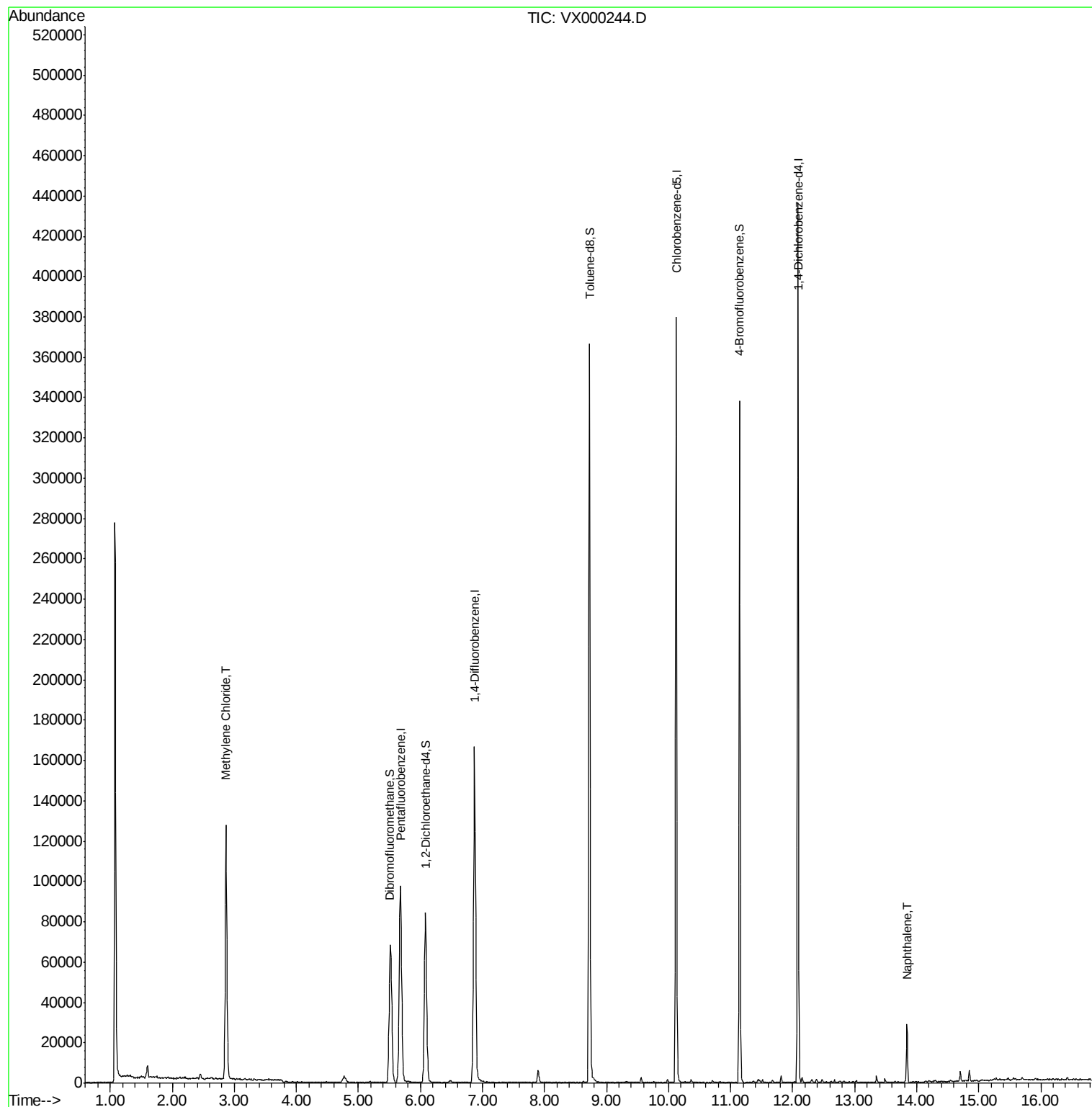
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	92597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	167183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	163207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	73911	57.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.16%	
35) Dibromofluoromethane	5.51	113	56171	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	8.73	98	215145	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.15	95	76093	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	
Target Compounds						
20) Methylene Chloride	2.87	84	54047	49.16	ug/l	96
95) Naphthalene	13.84	128	15964	2.47	ug/l	99

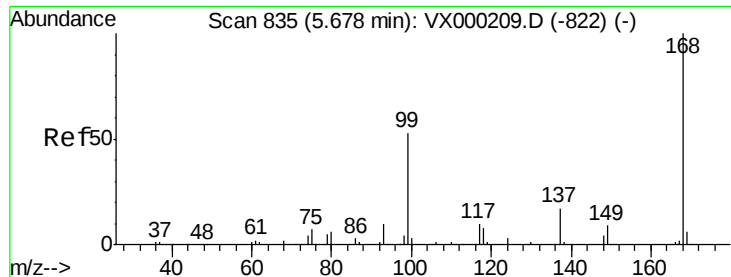
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000244.D

Acq: 09 Mar 2018 01:40

Instrument :

MSVOA_X

ClientSampleId :

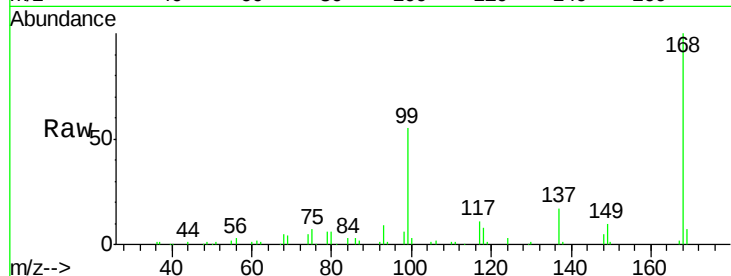
BU-01-030618

Tot Ion:168 Resp: 92597

Ion Ratio Lower Upper

168 100

99 54.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

30000

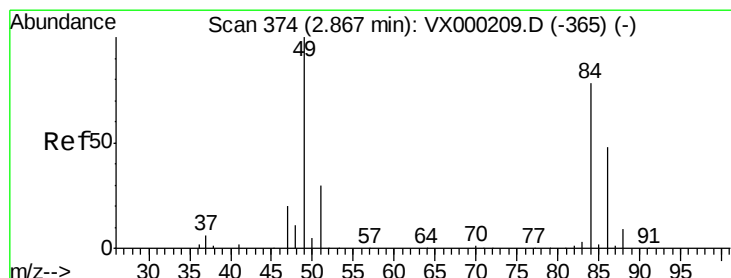
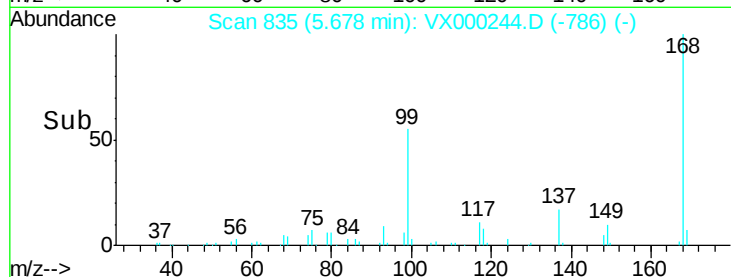
20000

10000

0

Time-->

5.60 5.70 5.80



#20

Methylene Chloride

Concen: 49.16 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000244.D

Acq: 09 Mar 2018 01:40

Tgt Ion: 84 Resp: 54047

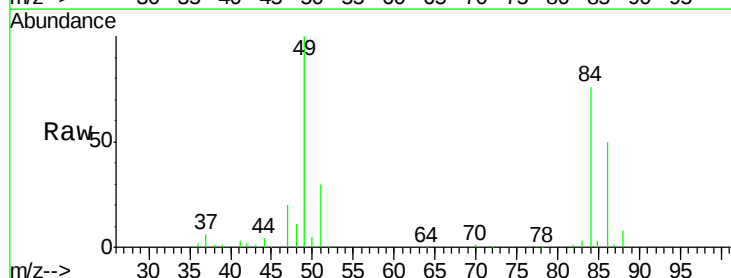
Ion Ratio Lower Upper

84 100

49 131.9 102.1 153.1

51 39.8 30.6 45.8

86 66.1 49.0 73.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

50000

40000

30000

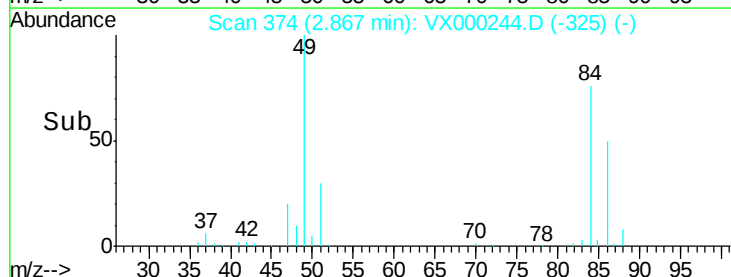
20000

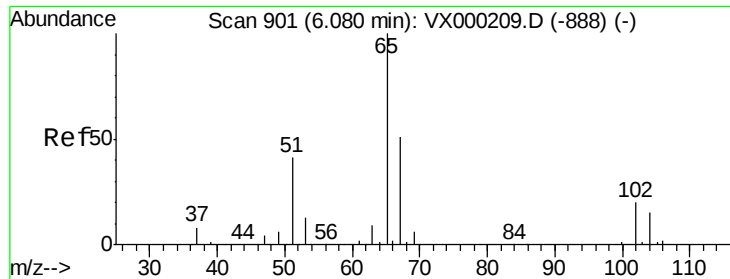
10000

0

Time-->

2.80 2.85 2.90 2.95 3.00





#33

1,2-Dichloroethane-d4

Concen: 57.58 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000244.D

Acq: 09 Mar 2018 01:40

Instrument :

MSVOA_X

ClientSampleId :

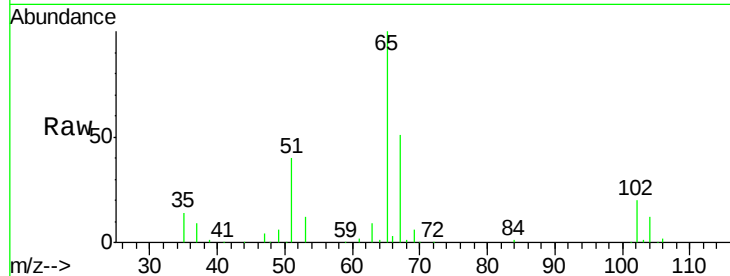
BU-01-030618

Tot Ion: 65 Resp: 73911

Ion Ratio Lower Upper

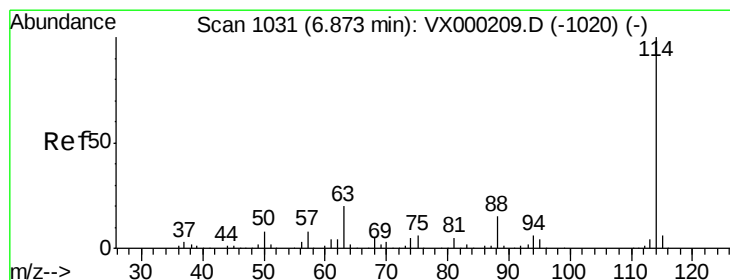
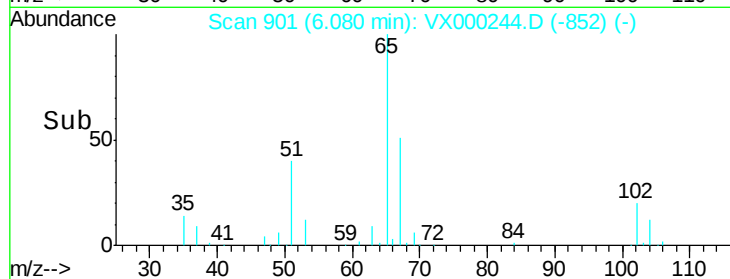
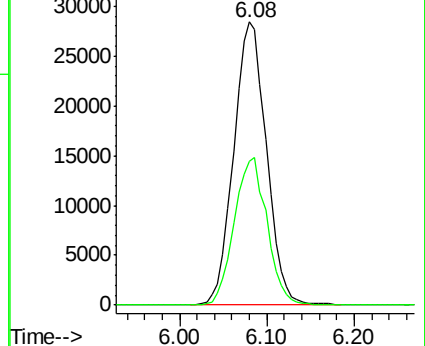
65 100

67 52.2 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000244.D

Acq: 09 Mar 2018 01:40

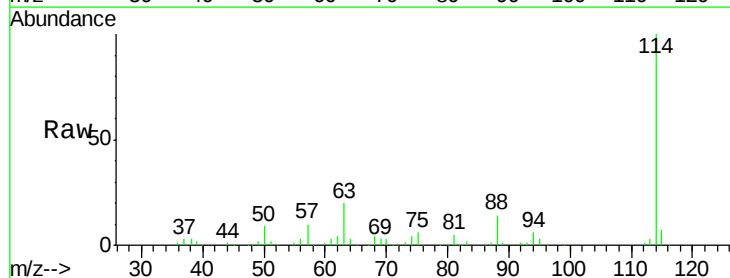
Tgt Ion: 114 Resp: 167183

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

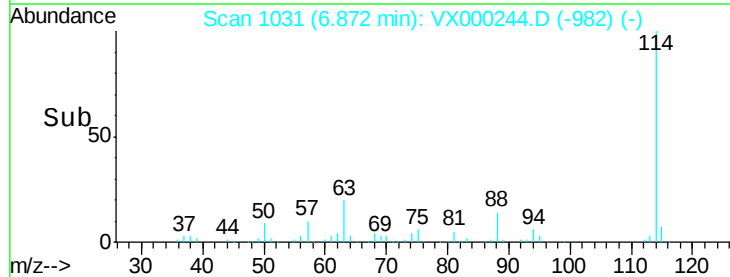
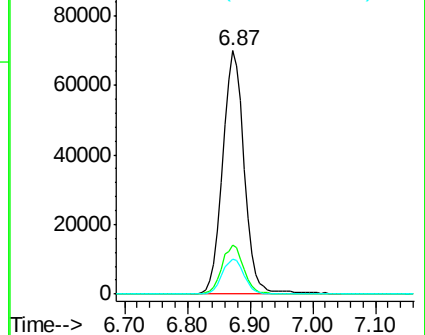
88 14.2 0.0 29.8

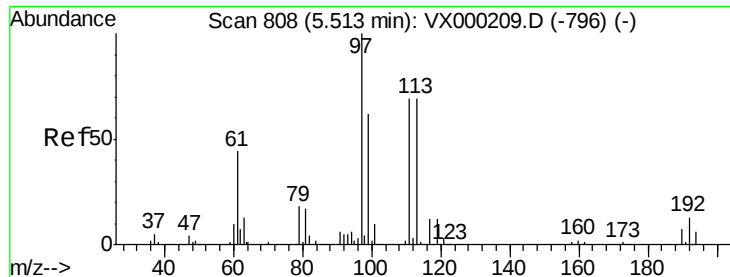


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

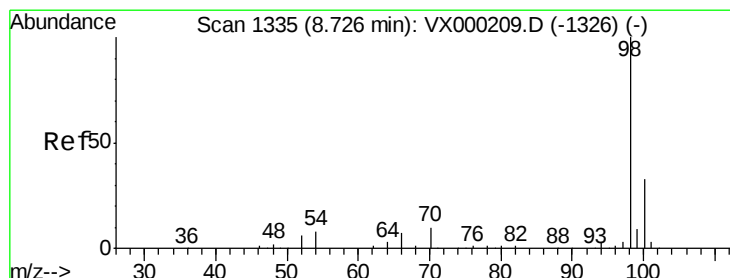
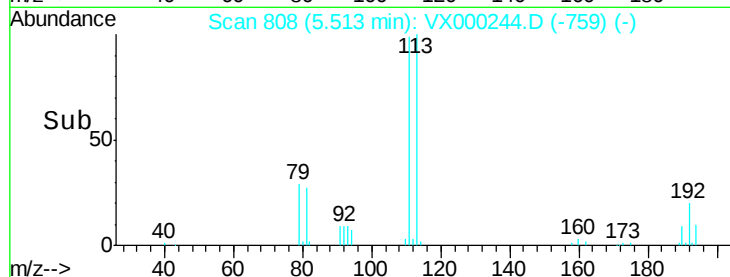
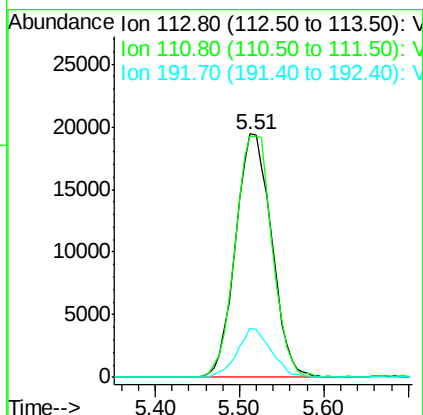
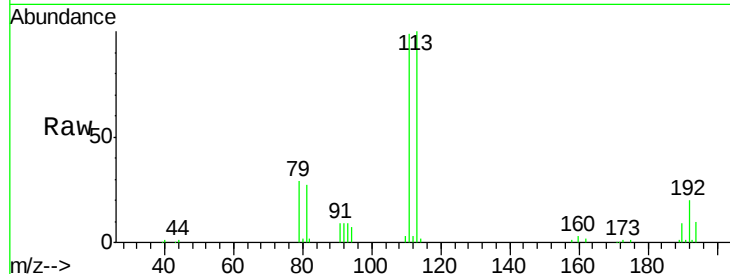




#35
 Dibromofluoromethane
 Concen: 53.49 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000244.D
 Acq: 09 Mar 2018 01:40

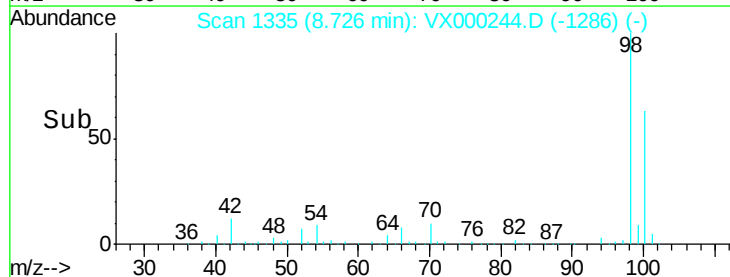
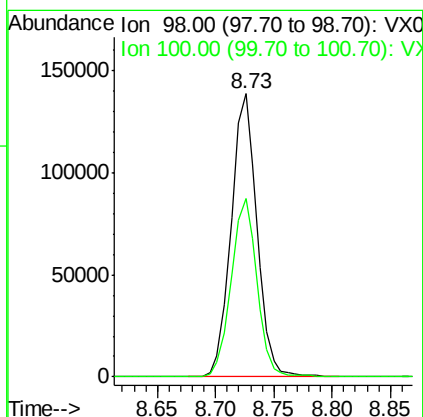
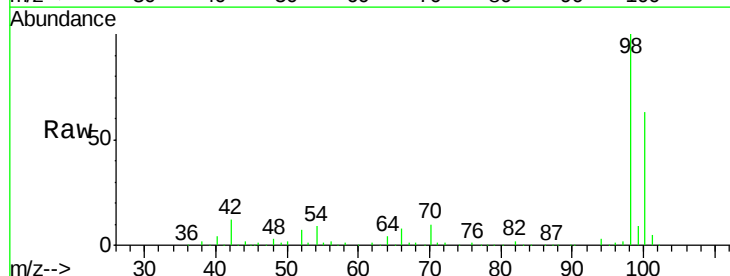
Instrument :
 MSVOA_X
 ClientSampleId :
 BU-01-030618

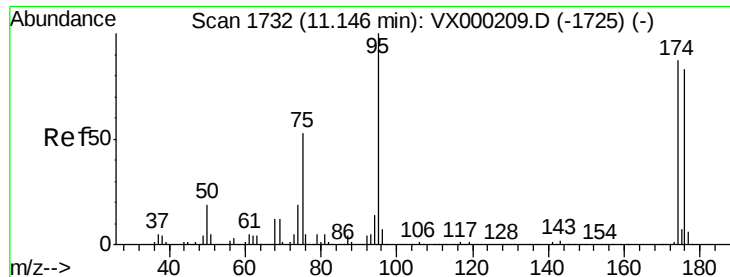
Tot Ion:113 Resp: 56171
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.0 124.6
 192 18.9 15.5 23.3



#50
 Toluene-d8
 Concen: 49.46 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000244.D
 Acq: 09 Mar 2018 01:40

Tgt Ion: 98 Resp: 215145
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.82 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000244.D

Acq: 09 Mar 2018 01:40

Instrument :

MSVOA_X

ClientSampleId :

BU-01-030618

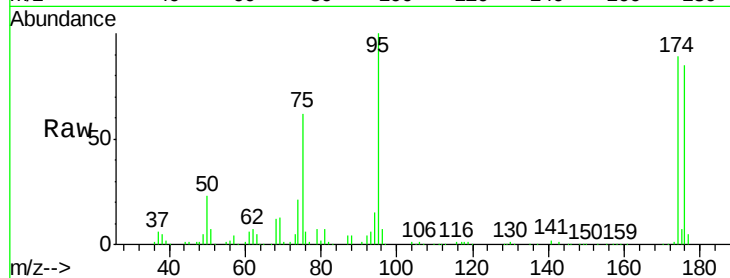
Tot Ion: 95 Resp: 76093

Ion Ratio Lower Upper

95 100

174 87.4 0.0 175.6

176 84.8 0.0 171.0

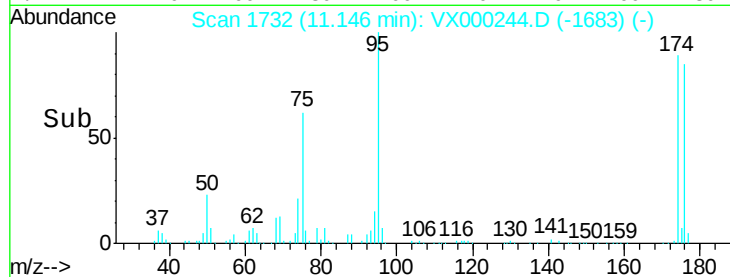


Abundance Ion 94.90 (94.60 to 95.60): VX000209.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000209.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000209.D (-1725) (-)

Time-->



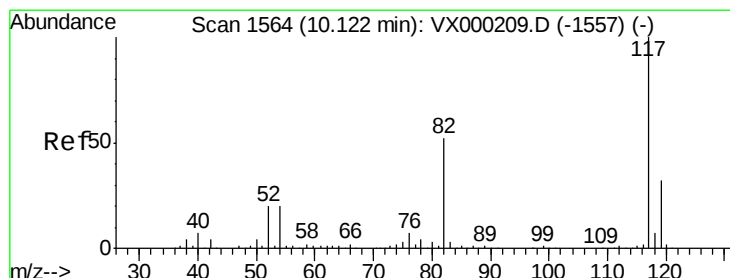
Abundance

Ion 94.90 (94.60 to 95.60): VX000244.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000244.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000244.D (-1683) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000244.D

Acq: 09 Mar 2018 01:40

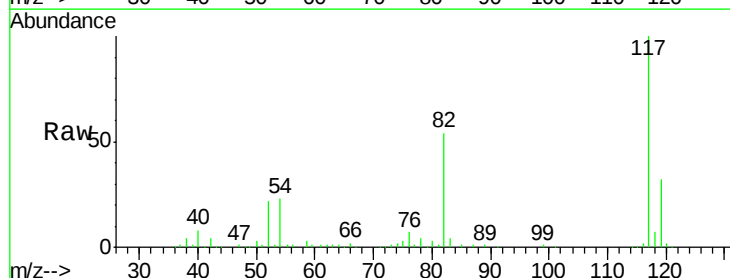
Tgt Ion: 117 Resp: 163207

Ion Ratio Lower Upper

117 100

82 53.9 42.0 63.0

119 31.7 25.3 37.9

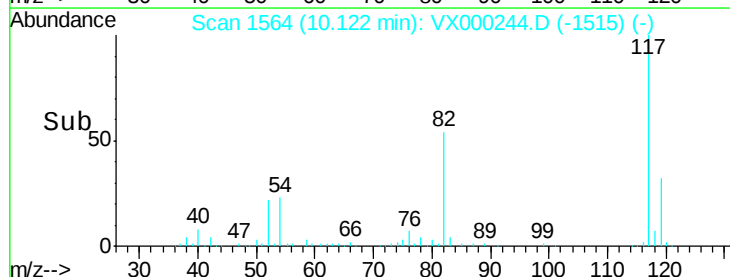


Abundance Ion 116.90 (116.60 to 117.60): VX000209.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000209.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000209.D (-1557) (-)

Time-->



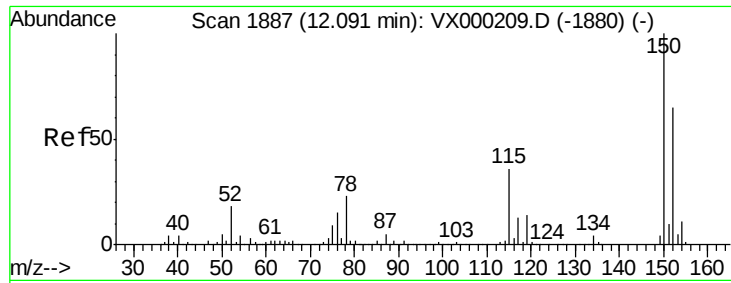
Abundance

Ion 116.90 (116.60 to 117.60): VX000244.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000244.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000244.D (-1515) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000244.D

Acq: 09 Mar 2018 01:40

Instrument :

MSVOA_X

ClientSampled :

BU-01-030618

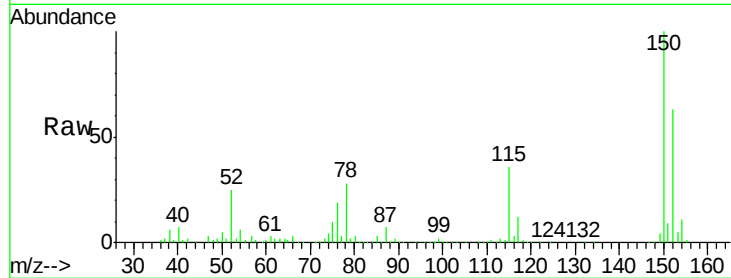
Tot Ion:152 Resp: 83426

Ion Ratio Lower Upper

152 100

115 56.6 39.8 119.3

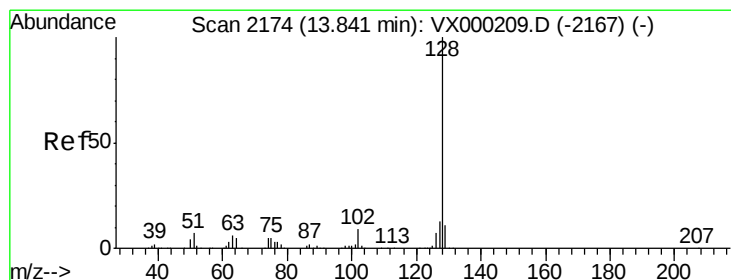
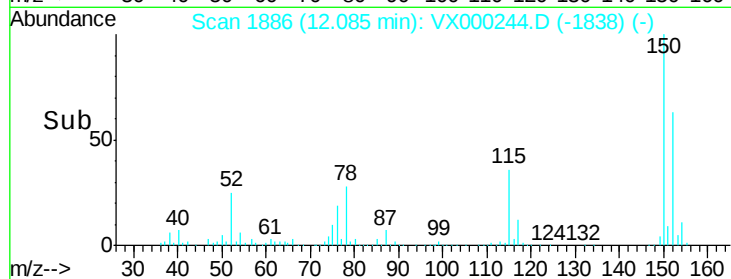
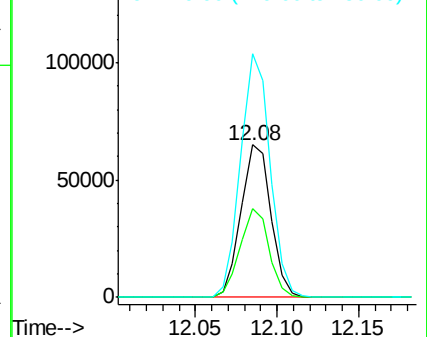
150 157.2 0.0 345.0



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



#95

Naphthalene

Concen: 2.47 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000244.D

Acq: 09 Mar 2018 01:40

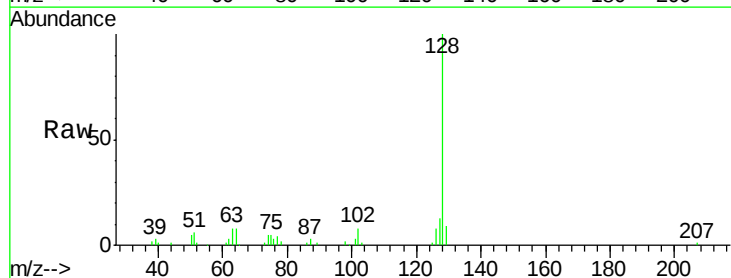
Tgt Ion:128 Resp: 15964

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.2 8.6 13.0



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

