

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001170.D
 Acq On : 27 Apr 2018 15:12
 Operator : JC/MD
 Sample : J2463-06DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-180417DL

Quant Time: Apr 28 03:31:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

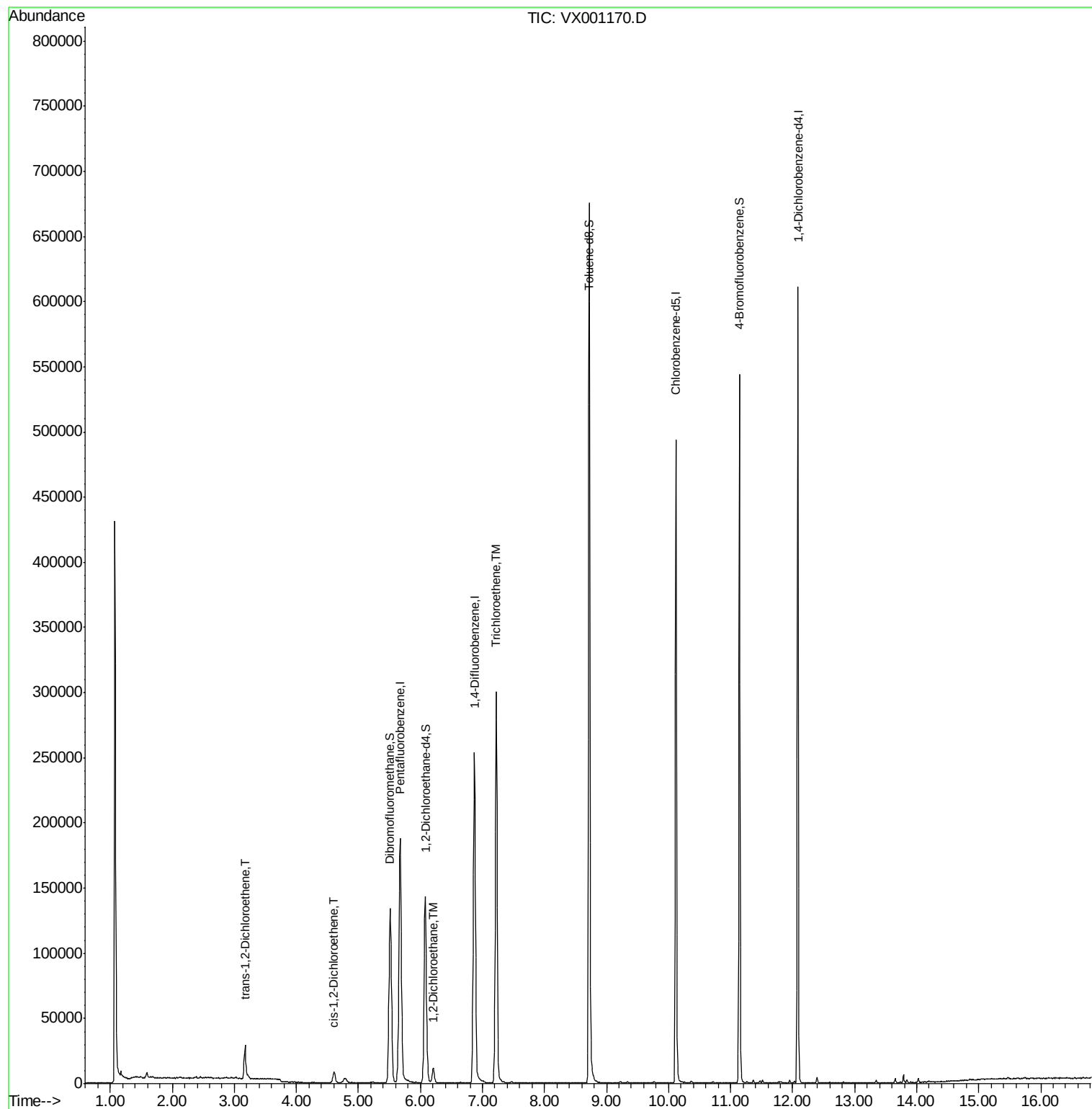
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	268508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	231979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	138106	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
35) Dibromofluoromethane	5.51	113	107827	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.72	98	408213	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	134879	41.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.34%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	10601	4.84	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	5060	2.11	ug/l	89
42) 1,2-Dichloroethane	6.21	62	11431	3.31	ug/l	100
44) Trichloroethene	7.22	130	118685	46.54	ug/l	96

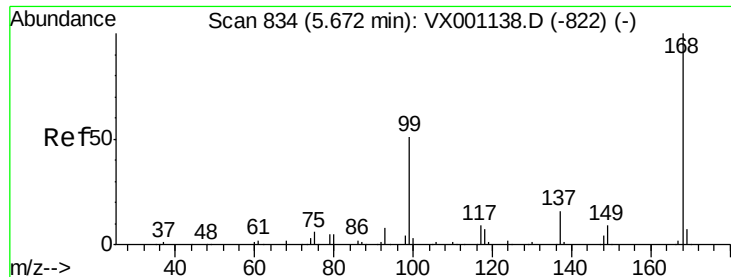
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001170.D

Acq: 27 Apr 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

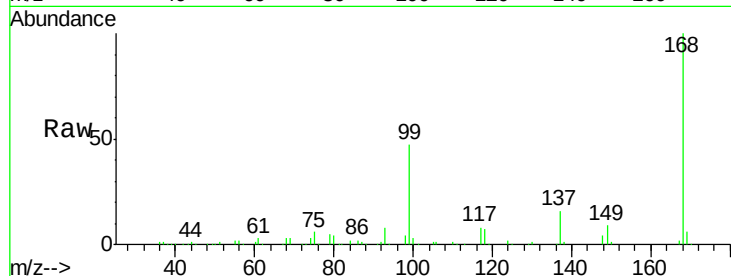
SS043MW014-180417DL

Tot Ion:168 Resp: 195833

Ion Ratio Lower Upper

168 100

99 47.1 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

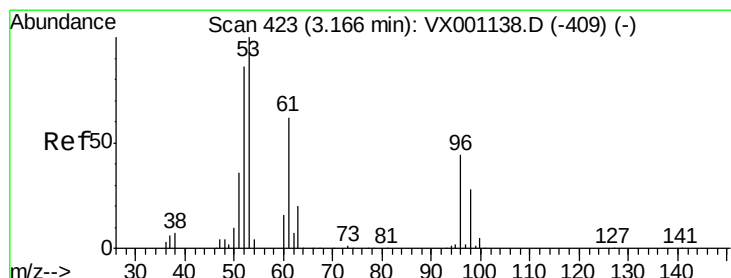
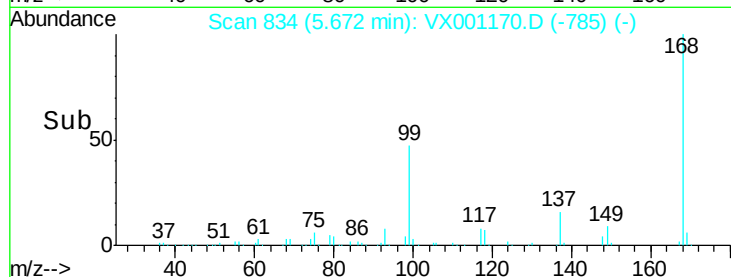
40000

20000

0

5.60 5.70 5.80

Time-->



#21

trans-1,2-Dichloroethene

Concen: 4.84 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001170.D

Acq: 27 Apr 2018 15:12

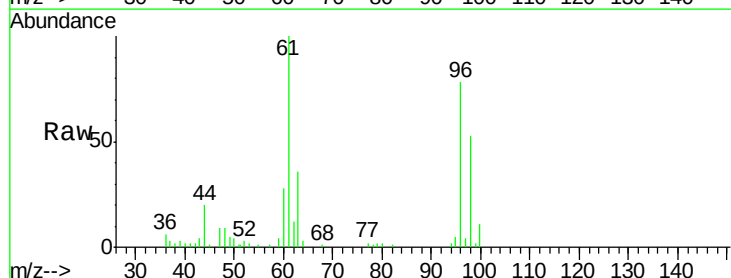
Tgt Ion: 96 Resp: 10601

Ion Ratio Lower Upper

96 100

61 127.7 111.9 167.9

98 67.1 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3.17

10000

8000

6000

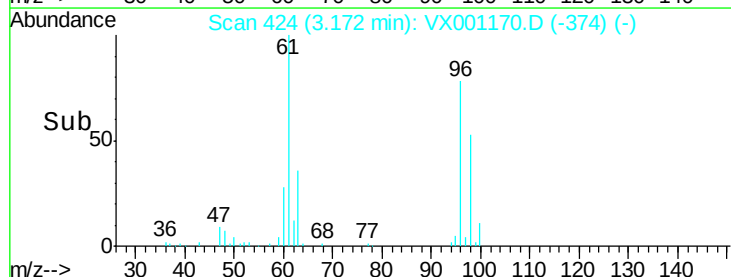
4000

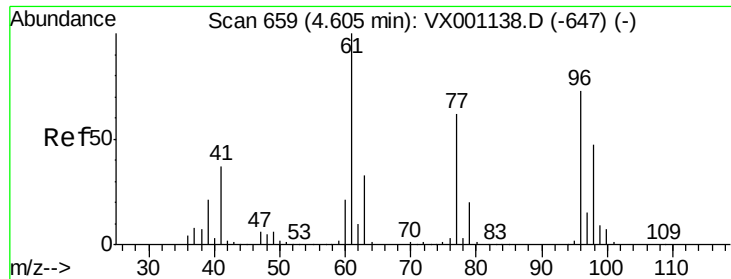
2000

0

3.10 3.15 3.20 3.25

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.11 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001170.D

Acq: 27 Apr 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-180417DL

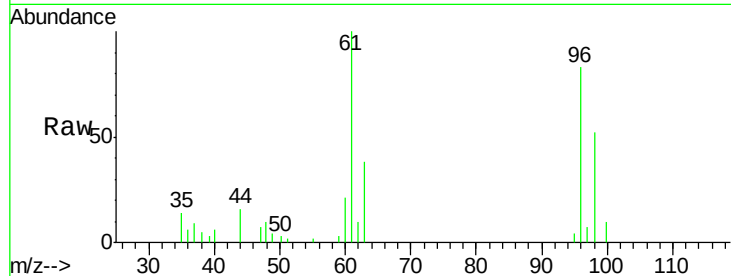
Tot Ion: 96 Resp: 5060

Ion Ratio Lower Upper

96 100

61 126.7 0.0 289.0

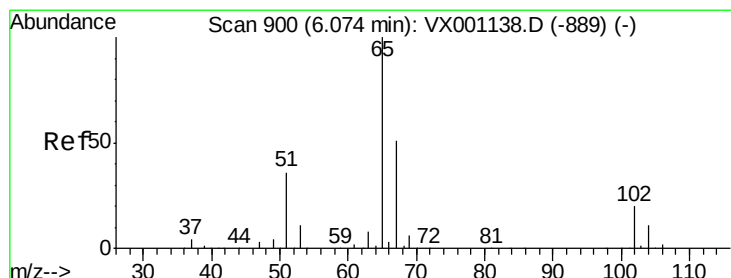
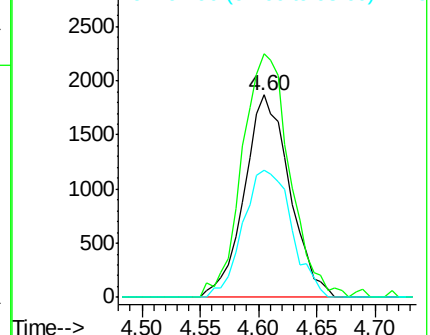
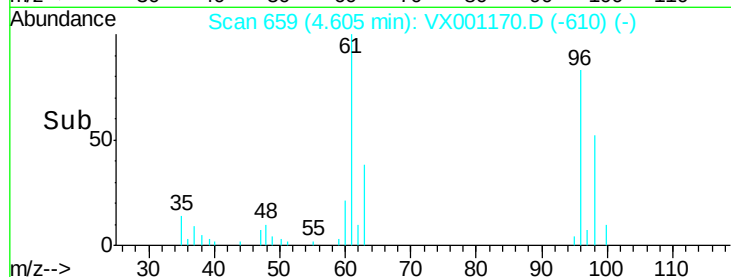
98 67.5 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.50 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001170.D

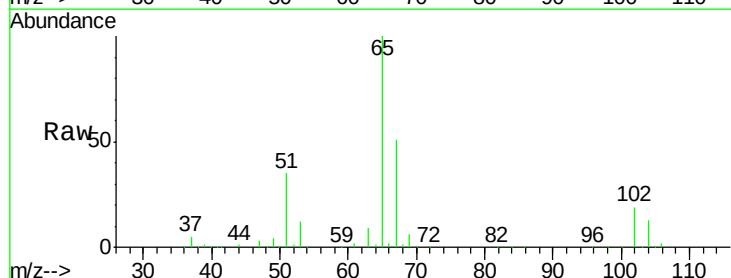
Acq: 27 Apr 2018 15:12

Tgt Ion: 65 Resp: 138106

Ion Ratio Lower Upper

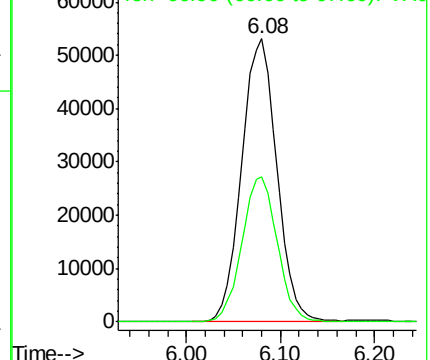
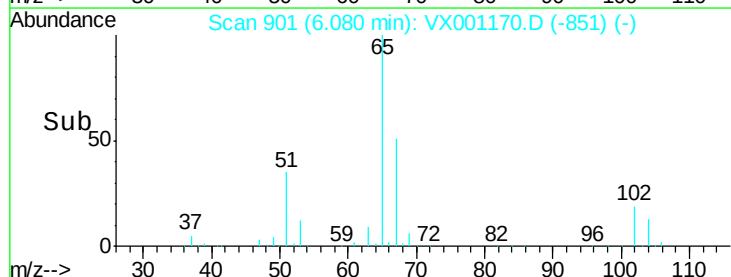
65 100

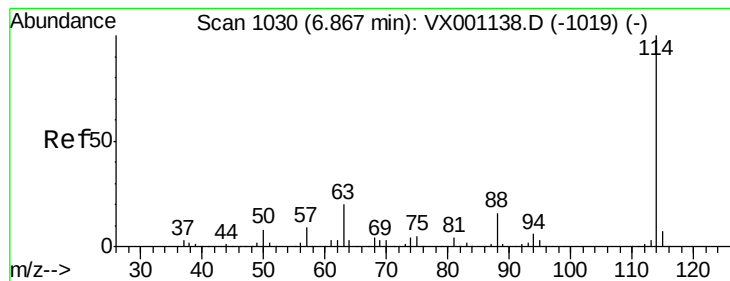
67 51.5 0.0 102.2



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. 0.01 min

Lab File: VX001170.D

Acq: 27 Apr 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-180417DL

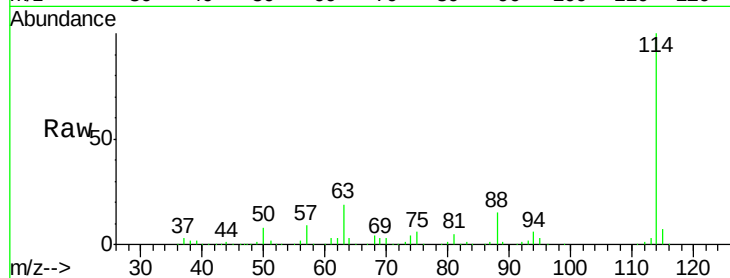
Tot Ion:114 Resp: 268508

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.4

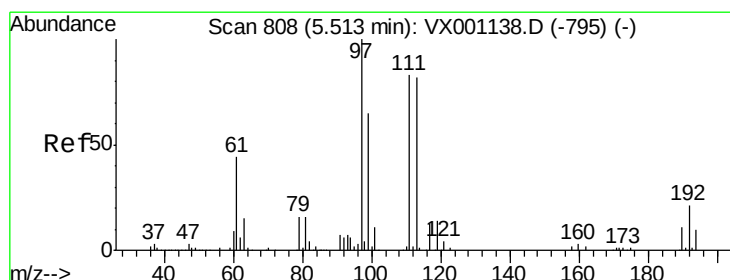
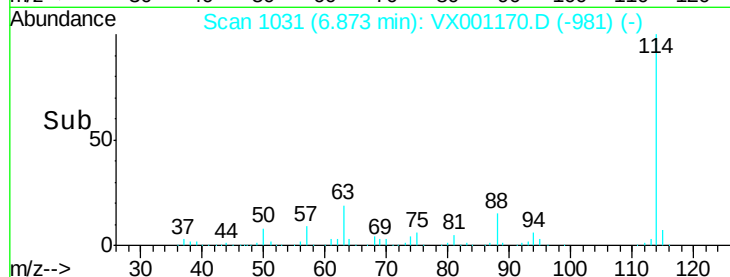
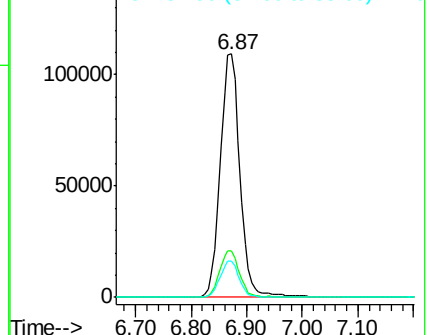
88 15.1 0.0 31.8



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: 48.52 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001170.D

Acq: 27 Apr 2018 15:12

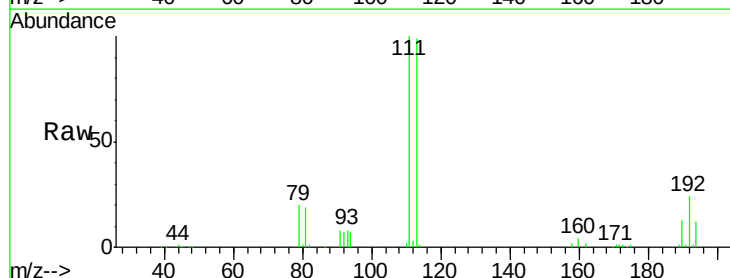
Tgt Ion:113 Resp: 107827

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

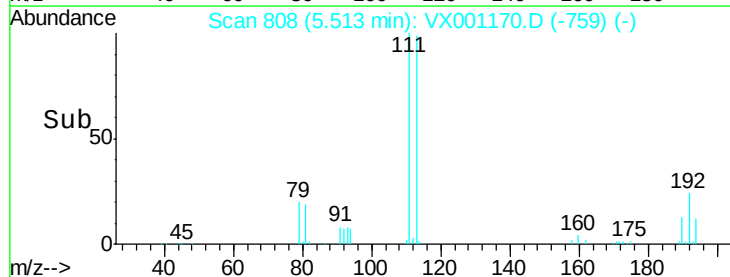
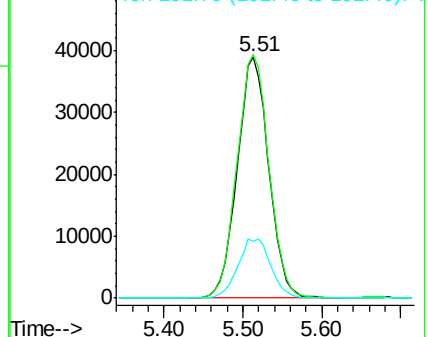
192 25.5 20.6 30.8

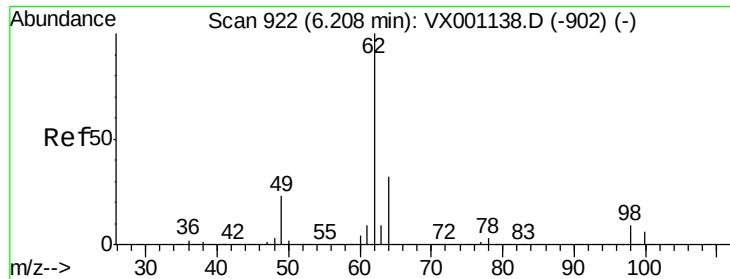


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 3.31 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX001170.D

Acq: 27 Apr 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

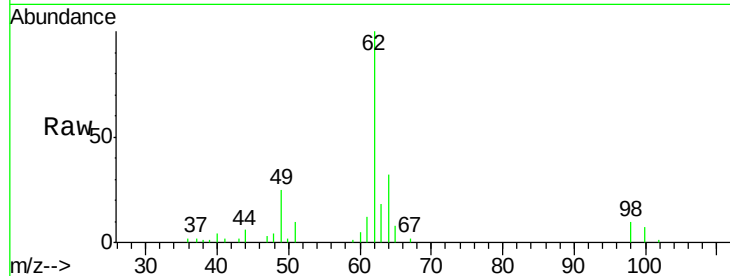
SS043MW014-180417DL

Tot Ion: 62 Resp: 11431

Ion Ratio Lower Upper

62 100

98 8.6 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX001170.D (-873) (-)

Ion 97.90 (97.60 to 98.60): VX001170.D (-873) (-)

6.21

5000

4000

3000

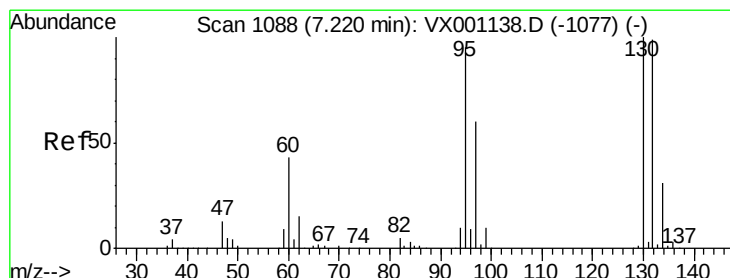
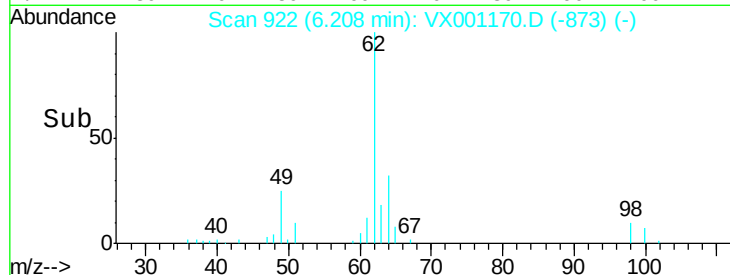
2000

1000

0

6.10 6.20 6.30

Time-->



#44

Trichloroethene

Concen: 46.54 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001170.D

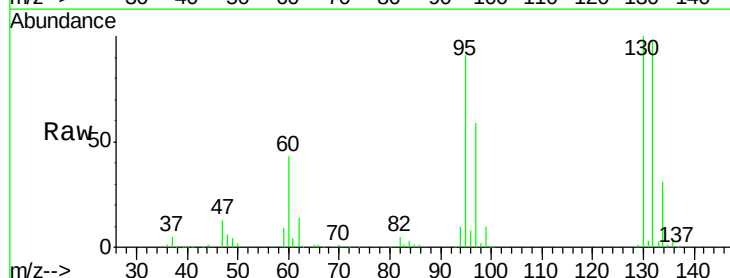
Acq: 27 Apr 2018 15:12

Tgt Ion:130 Resp: 118685

Ion Ratio Lower Upper

130 100

95 91.3 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): VX001170.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX001170.D (-1039) (-)

7.22

60000

50000

40000

30000

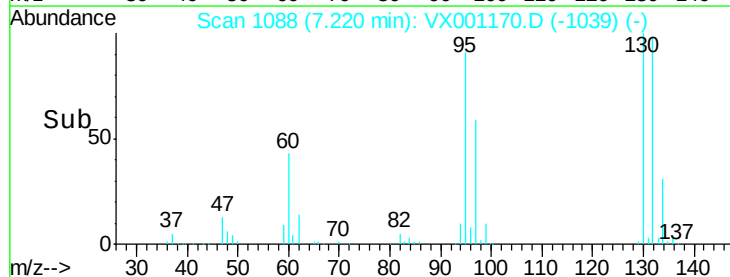
20000

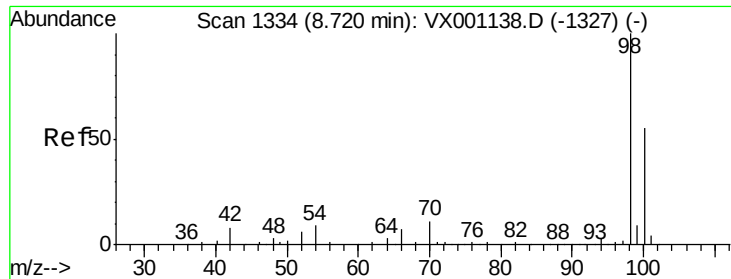
10000

0

7.10 7.20 7.30

Time-->





#50

Toluene-d8

Concen: 48.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001170.D

Acq: 27 Apr 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

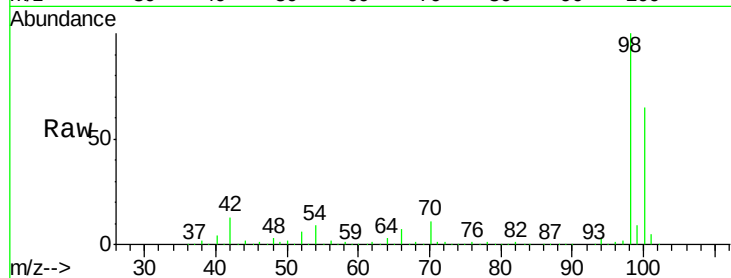
SS043MW014-180417DL

Tot Ion: 98 Resp: 408213

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

250000

200000

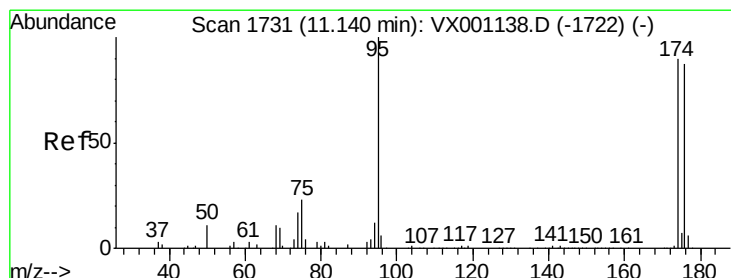
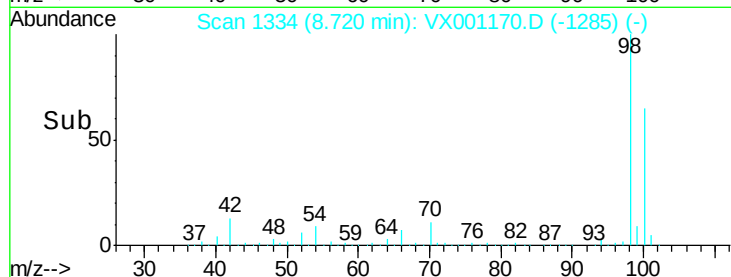
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001170.D

Acq: 27 Apr 2018 15:12

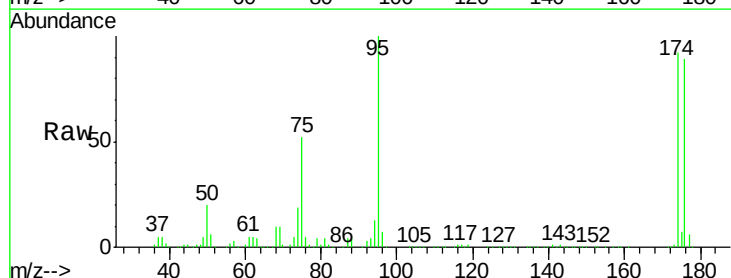
Tgt Ion: 95 Resp: 134879

Ion Ratio Lower Upper

95 100

174 101.1 0.0 194.4

176 98.1 0.0 190.2



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

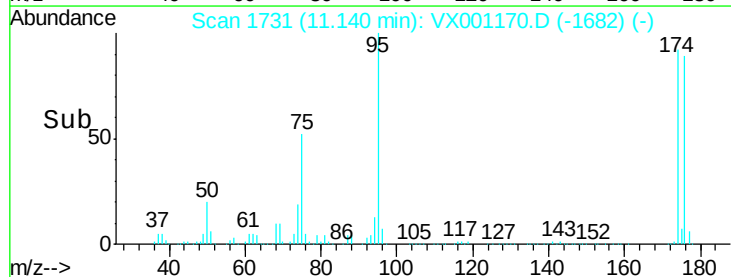
150000

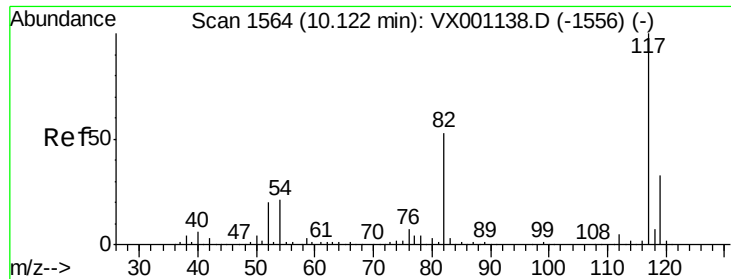
100000

50000

0

Time-->

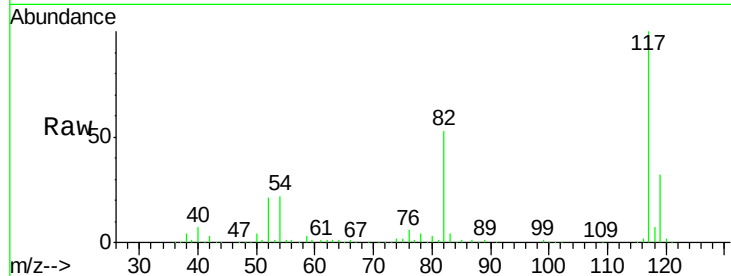




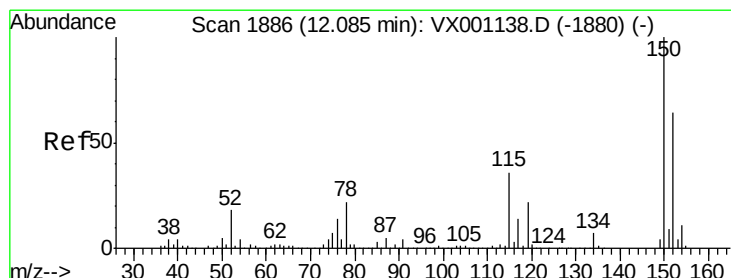
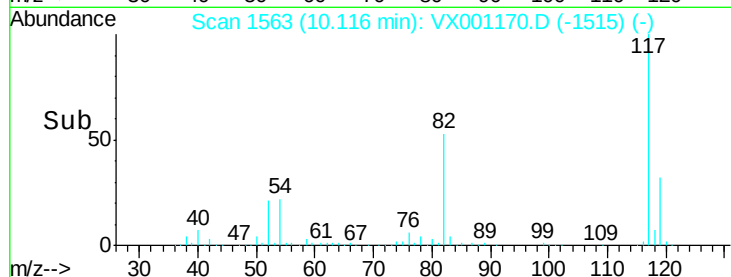
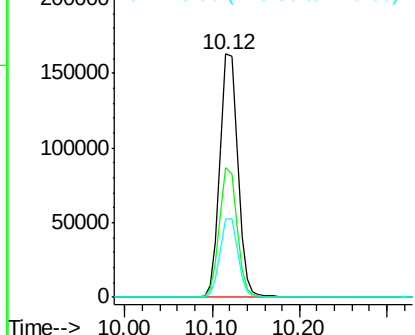
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001170.D
Acq: 27 Apr 2018 15:12

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-180417DL

Tot Ion:117 Resp: 231979
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 32.3 26.1 39.1

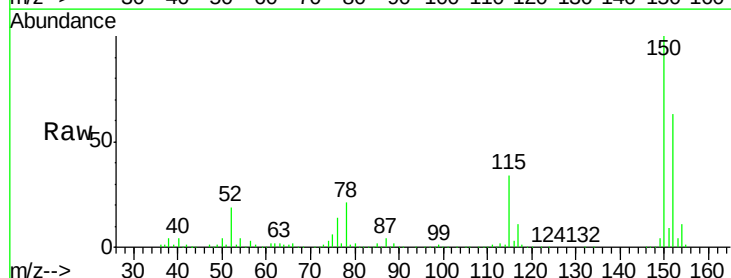


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001170.D
Acq: 27 Apr 2018 15:12

Tgt Ion:152 Resp: 126090
Ion Ratio Lower Upper
152 100
115 53.8 38.0 114.0
150 157.7 0.0 349.6



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

