

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001924.D
 Acq On : 23 May 2018 05:26
 Operator : JC/MD
 Sample : PB109456ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#04

Quant Time: May 23 06:52:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

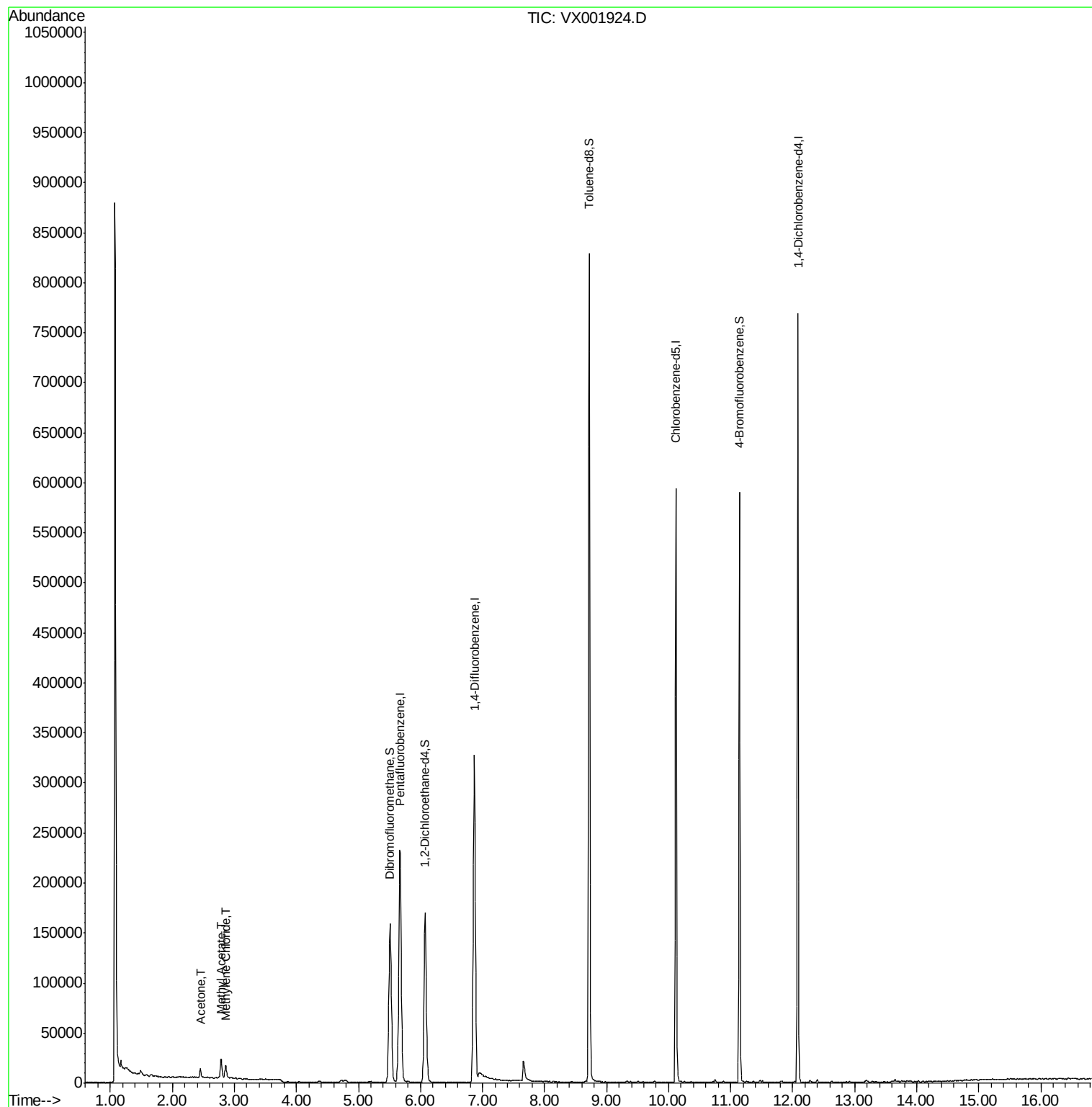
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158397	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	131771	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
50) Toluene-d8	8.72	98	481149	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.14	95	147617	39.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.96%	
Target Compounds						
16) Acetone	2.45	43	9541	7.35	ug/l	92
18) Methyl Acetate	2.78	43	23554	6.20	ug/l	98
20) Methylene Chloride	2.87	84	6430	2.31	ug/l	96

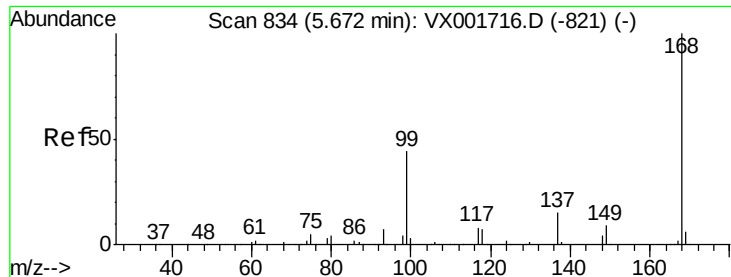
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

Instrument :

MSVOA_X

ClientSampleId :

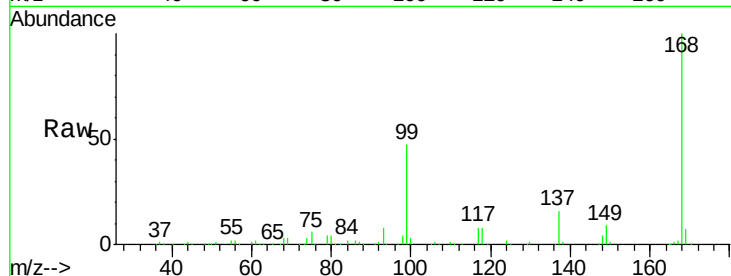
PB109456ZHE#04

Tot Ion:168 Resp: 246685

Ion Ratio Lower Upper

168 100

99 47.1 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

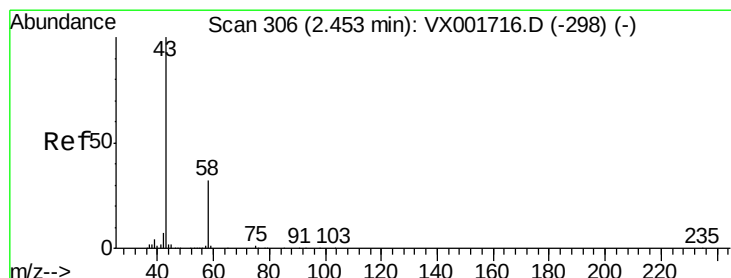
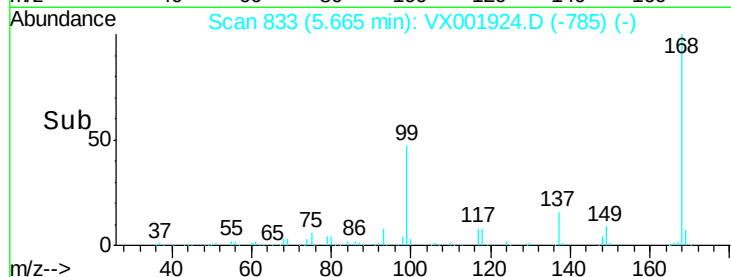
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.35 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001924.D

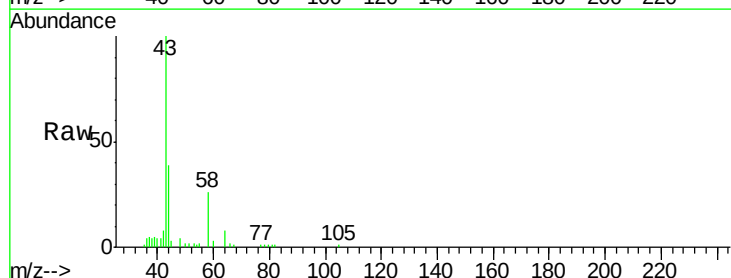
Acq: 23 May 2018 05:26

Tgt Ion: 43 Resp: 9541

Ion Ratio Lower Upper

43 100

58 26.9 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

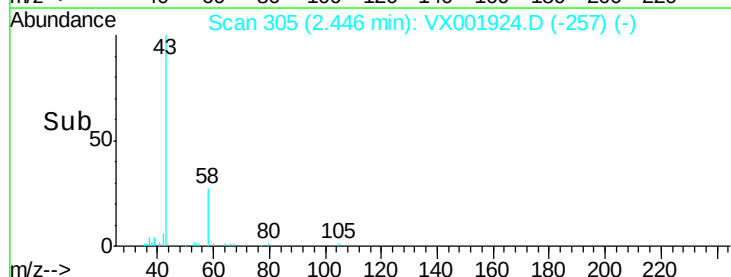
6000

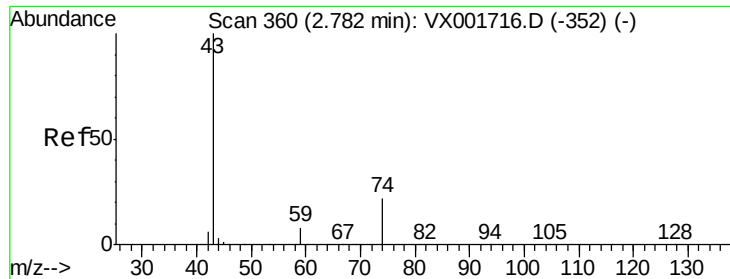
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 6.20 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

Instrument :

MSVOA_X

ClientSampleId :

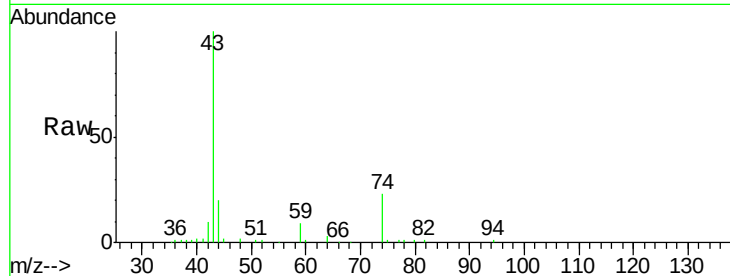
PB109456ZHE#04

Tot Ion: 43 Resp: 23554

Ion Ratio Lower Upper

43 100

74 23.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

15000

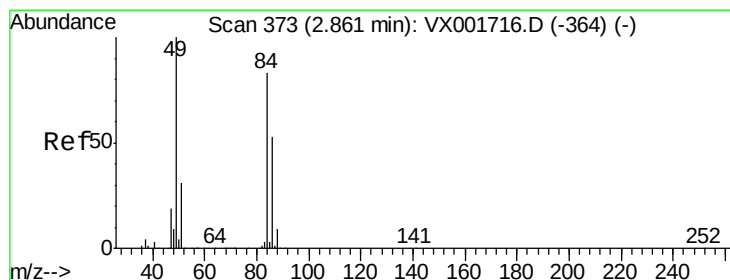
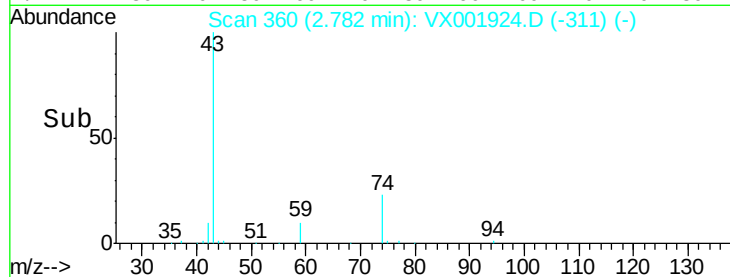
10000

5000

0

Time-->

2.70 2.80 2.90



#20

Methylene Chloride

Concen: 2.31 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

Tgt Ion: 84 Resp: 6430

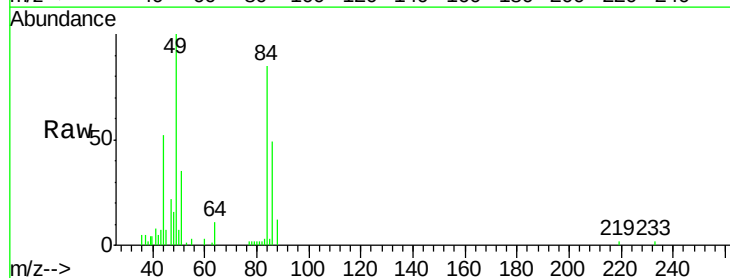
Ion Ratio Lower Upper

84 100

49 118.3 96.3 144.5

51 41.8 29.8 44.6

86 58.6 51.0 76.6



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

6000

5000

4000

3000

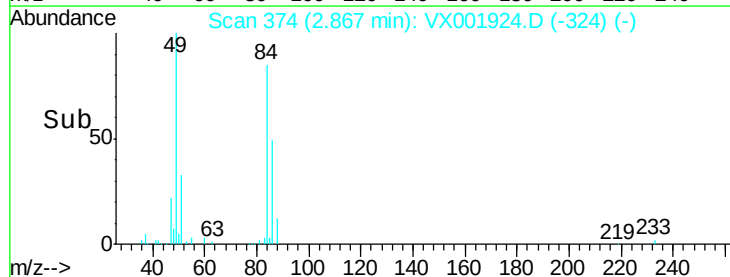
2000

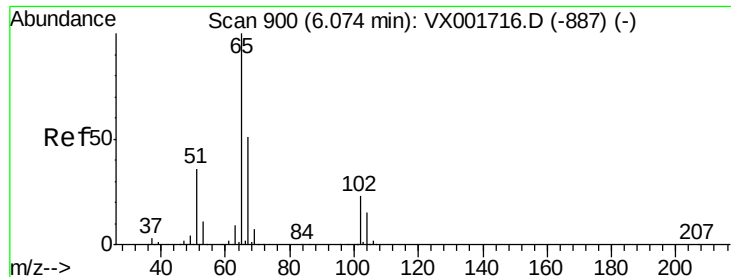
1000

0

Time-->

2.80 2.85 2.90 2.95

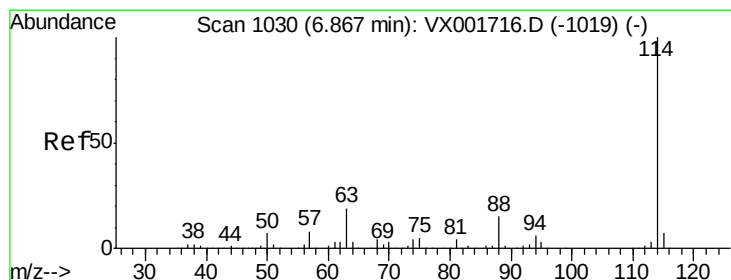
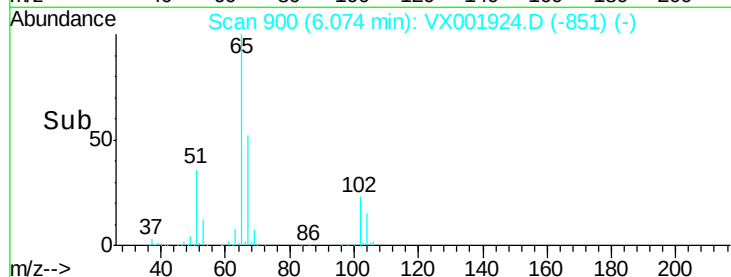
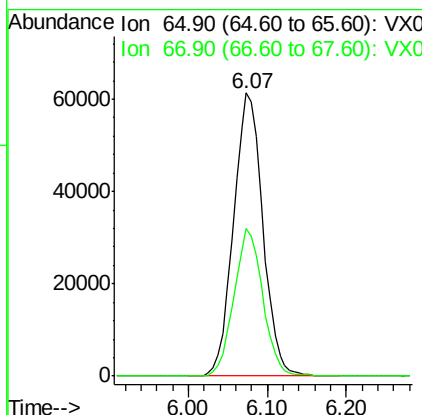
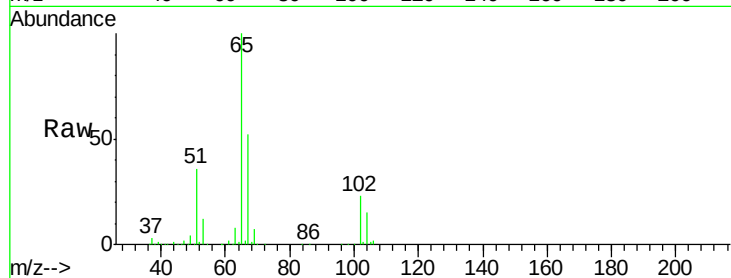




#33
 1,2-Dichloroethane-d4
 Concen: 47.90 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001924.D
 Acq: 23 May 2018 05:26

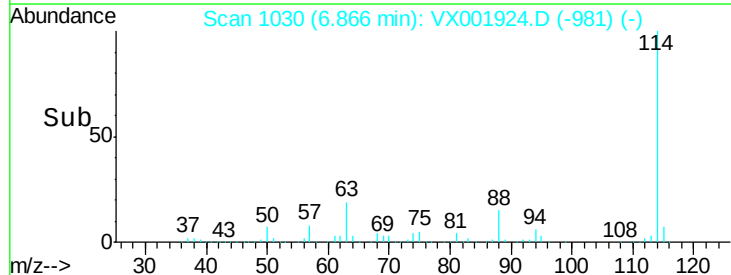
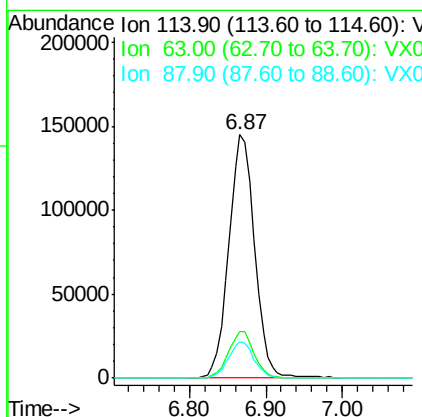
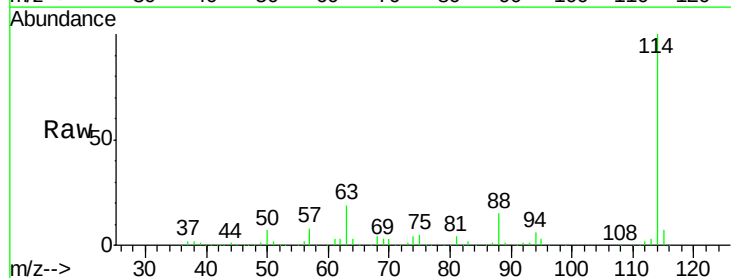
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109456ZHE#04

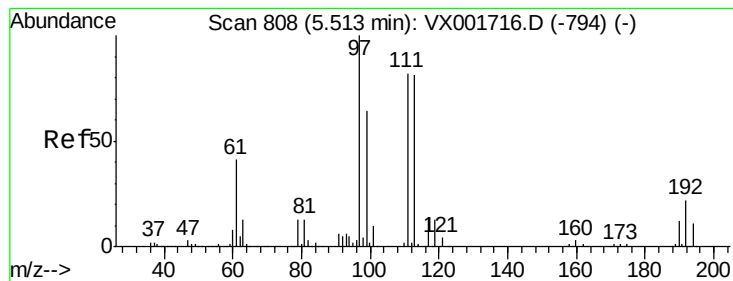
Tot Ion: 65 Resp: 158397
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001924.D
 Acq: 23 May 2018 05:26

Tgt Ion: 114 Resp: 339256
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.03 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

Instrument :

MSVOA_X

ClientSampleId :

PB109456ZHE#04

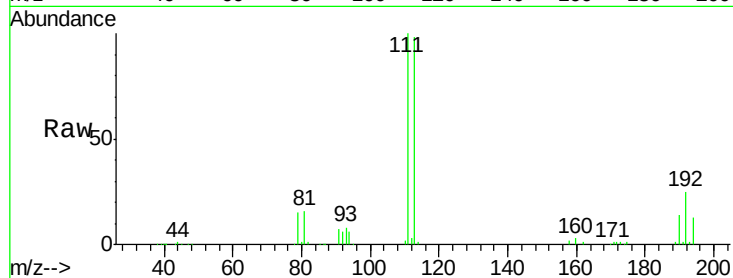
Tot Ion:113 Resp: 131771

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

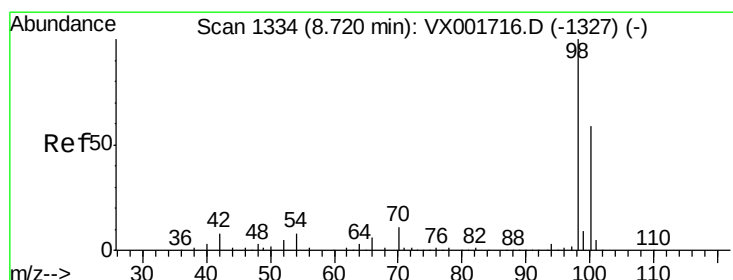
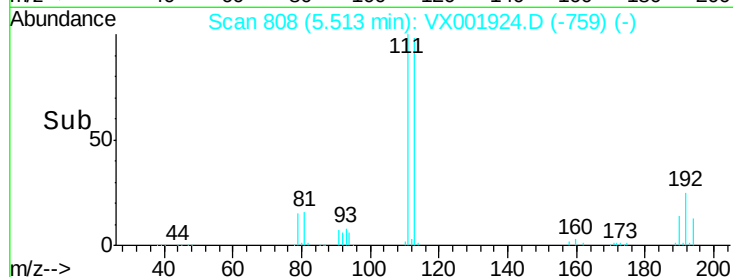
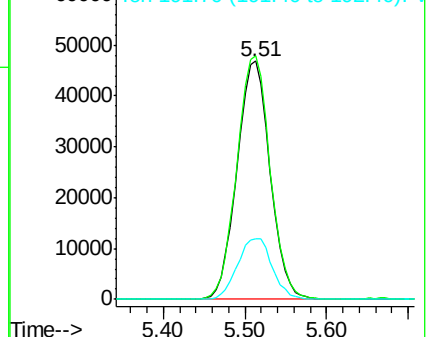
192 26.8 21.6 32.4



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: 46.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001924.D

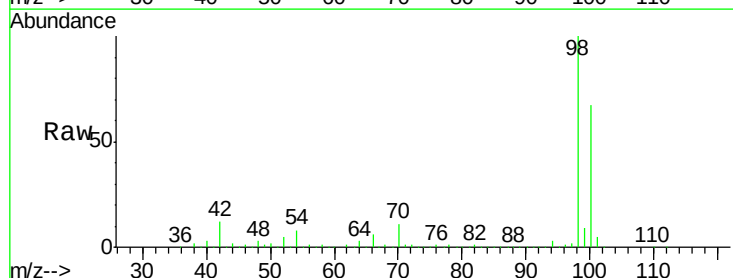
Acq: 23 May 2018 05:26

Tgt Ion: 98 Resp: 481149

Ion Ratio Lower Upper

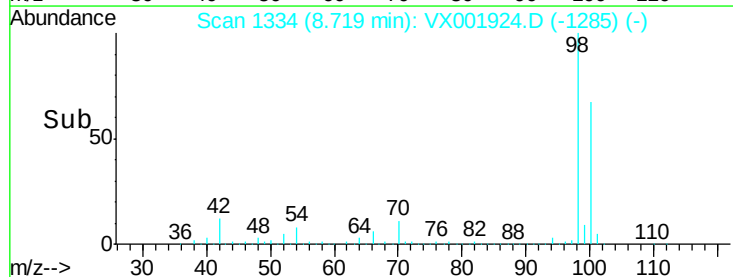
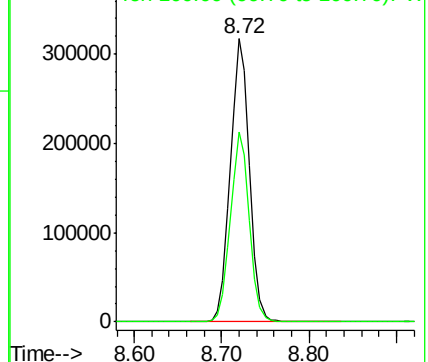
98 100

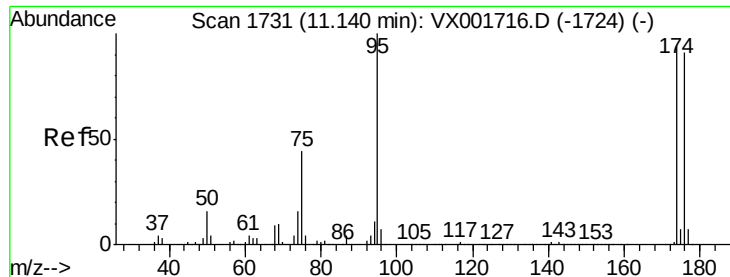
100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 39.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

Instrument :

MSVOA_X

ClientSampleId :

PB109456ZHE#04

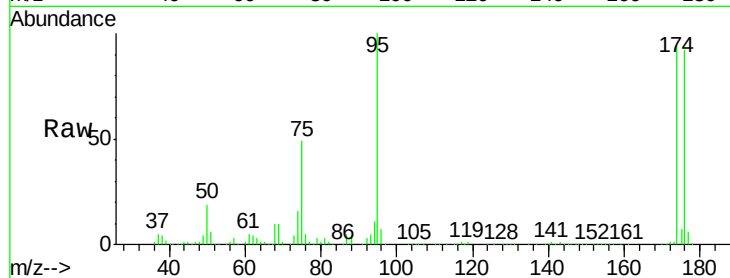
Tot Ion: 95 Resp: 147617

Ion Ratio Lower Upper

95 100

174 103.0 0.0 201.8

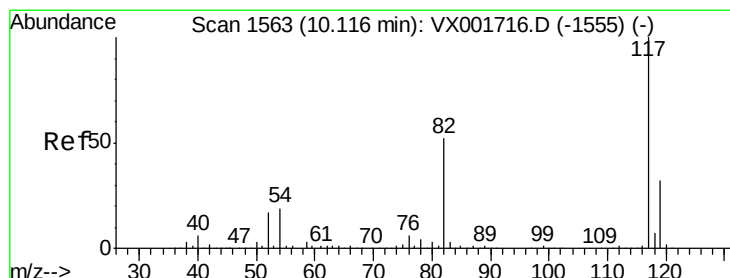
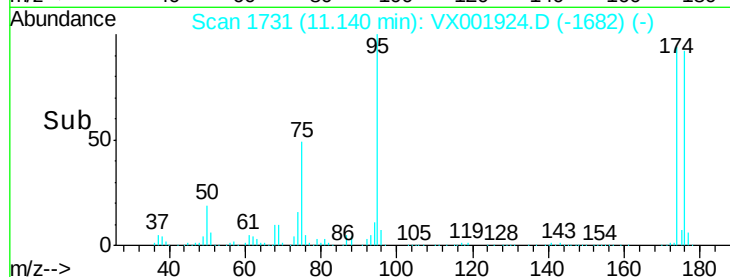
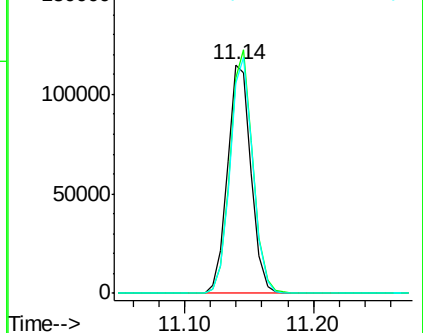
176 99.9 0.0 196.8



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: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

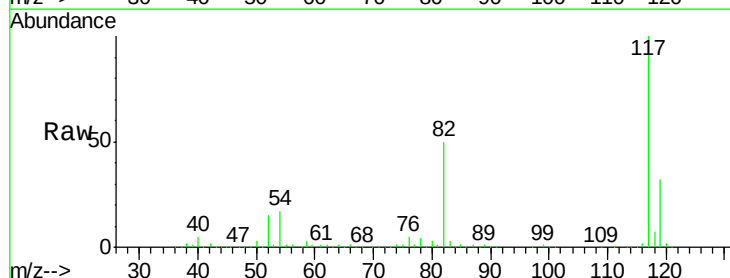
Tgt Ion: 117 Resp: 288507

Ion Ratio Lower Upper

117 100

82 49.9 41.4 62.2

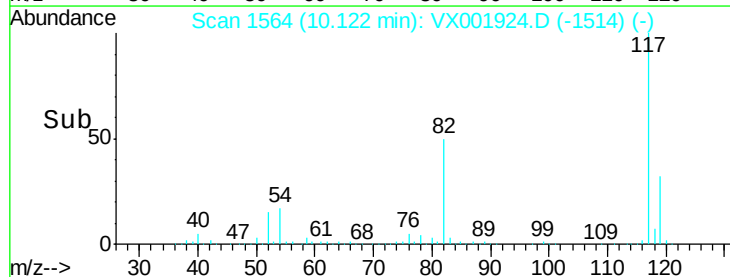
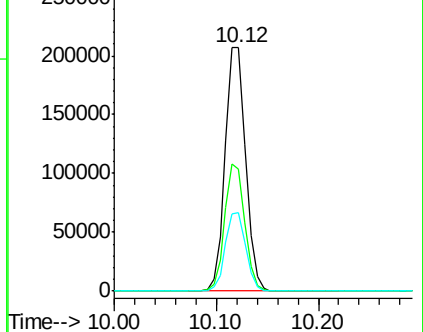
119 32.3 25.6 38.4

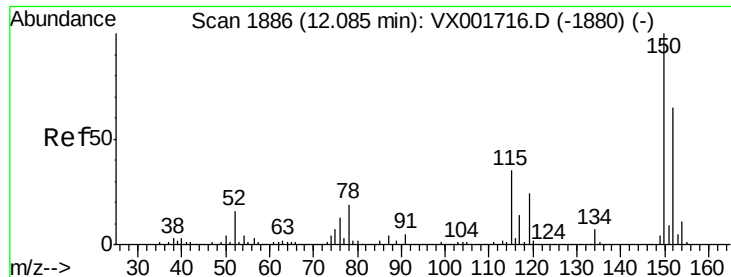


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

Instrument :

MSVOA_X

ClientSampleId :

PB109456ZHE#04

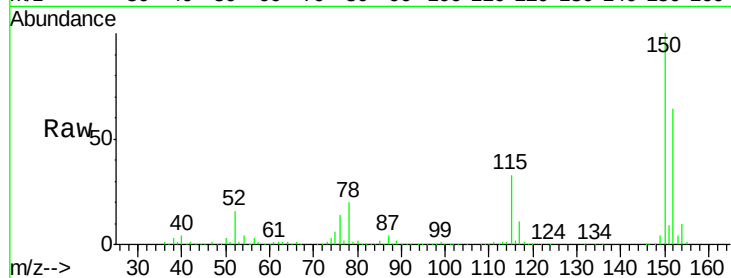
Tot Ion:152 Resp: 166378

Ion Ratio Lower Upper

152 100

115 51.9 37.4 112.2

150 155.5 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

