

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001903.D
 Acq On : 22 May 2018 19:37
 Operator : JC/MD
 Sample : PB109525ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109525ZHE#01

Quant Time: May 23 02:17:54 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

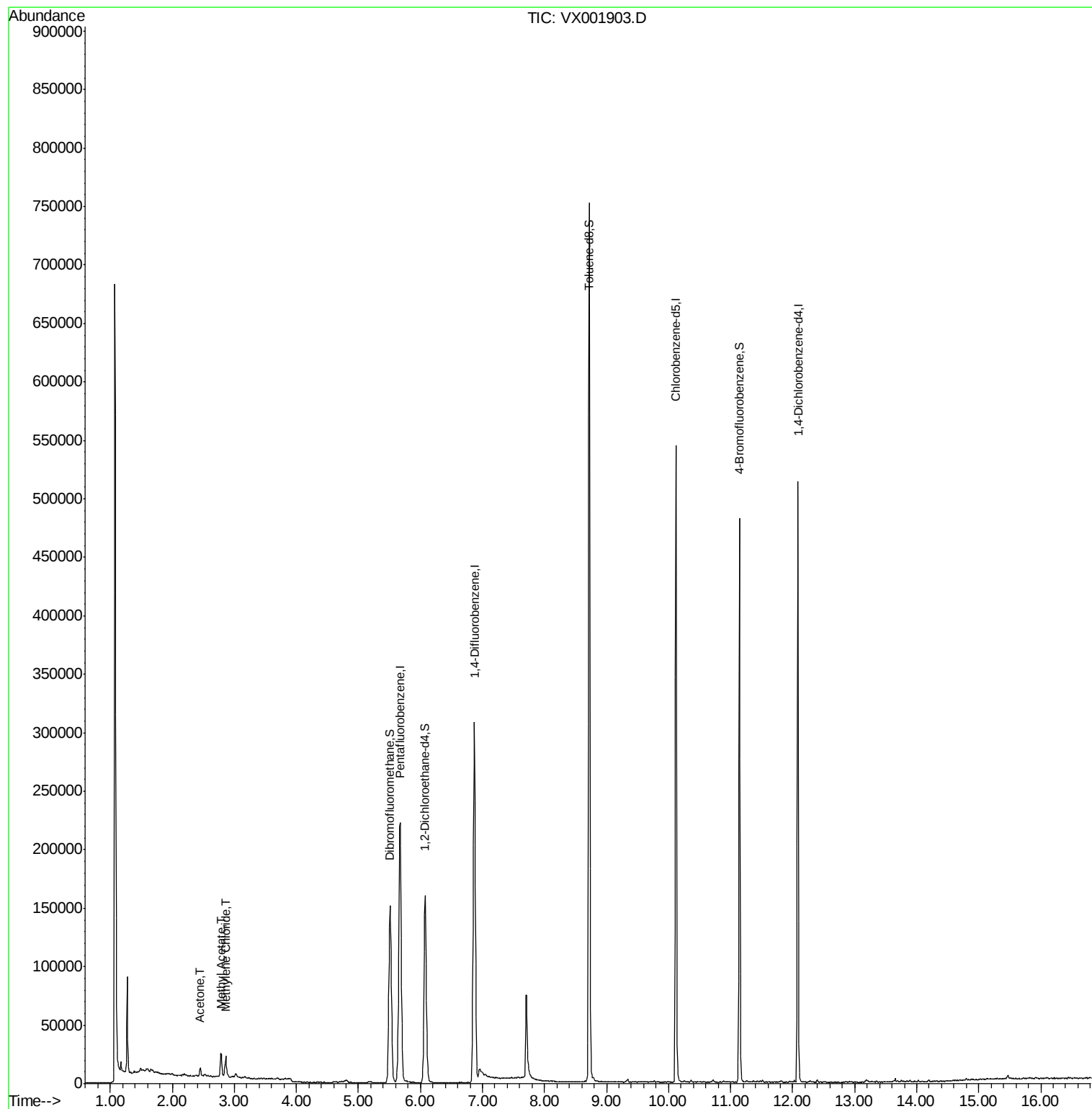
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150951	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	5.51	113	125153	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	8.72	98	439299	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
62) 4-Bromofluorobenzene	11.14	95	120339	35.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.20%	
Target Compounds						
16) Acetone	2.45	43	7689	6.22	ug/l	98
18) Methyl Acetate	2.78	43	24781	6.85	ug/l	99
20) Methylene Chloride	2.86	84	8077	3.05	ug/l	97

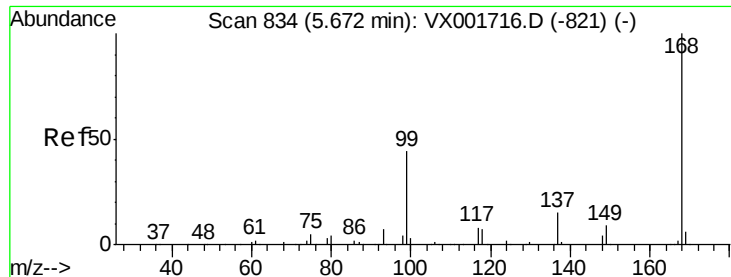
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

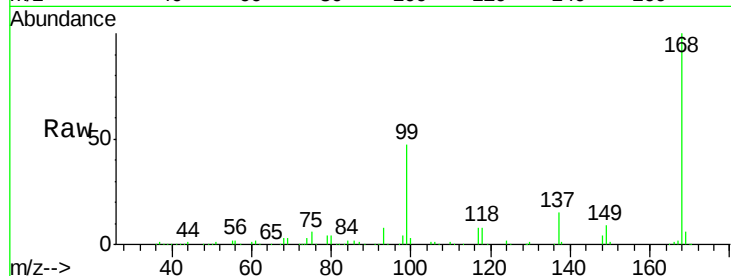
PB109525ZHE#01

Tot Ion:168 Resp: 234978

Ion Ratio Lower Upper

168 100

99 47.4 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

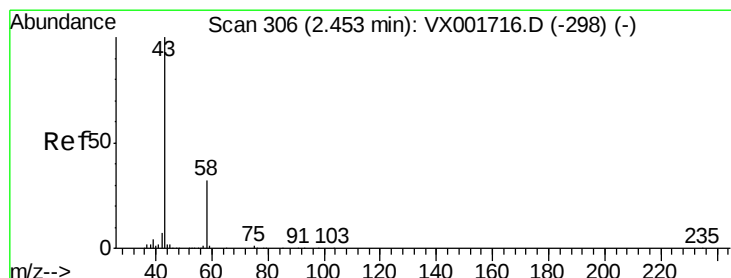
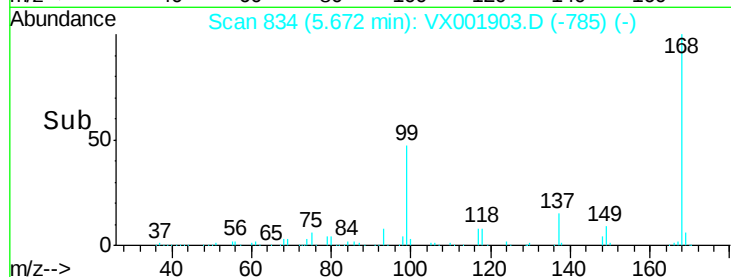
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001903.D

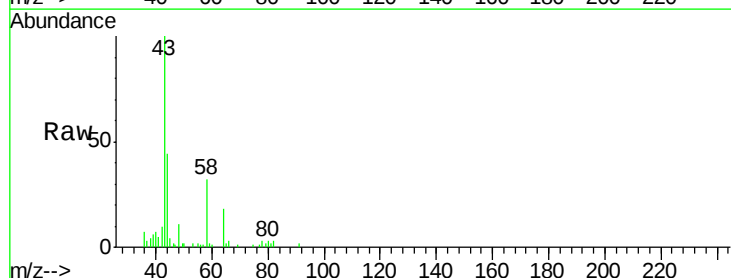
Acq: 22 May 2018 19:37

Tgt Ion: 43 Resp: 7689

Ion Ratio Lower Upper

43 100

58 32.8 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

5000

4000

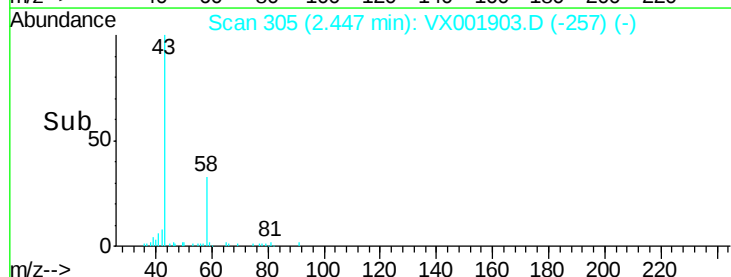
3000

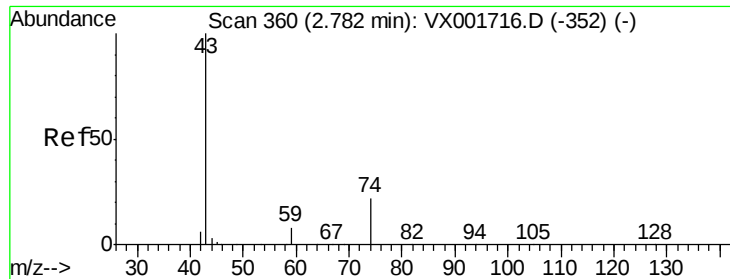
2000

1000

0

Time-->

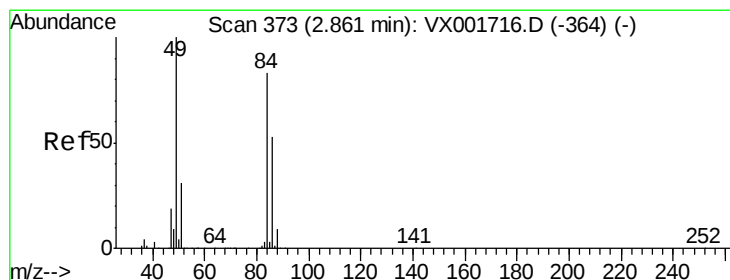
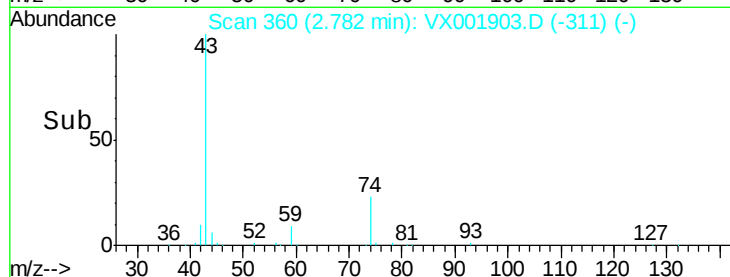
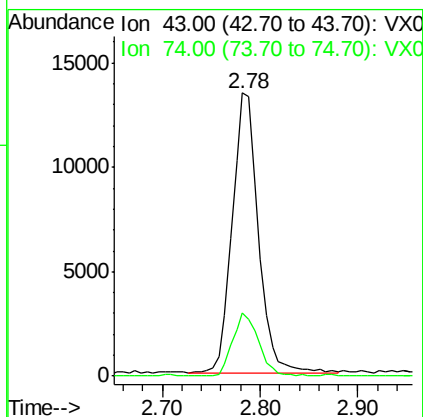
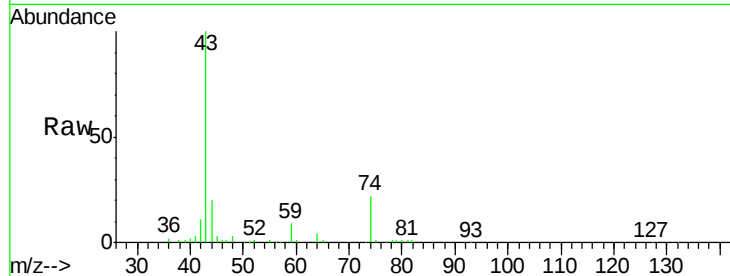




#18
Methvl Acetate
Concen: 6.85 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001903.D
Acq: 22 May 2018 19:37

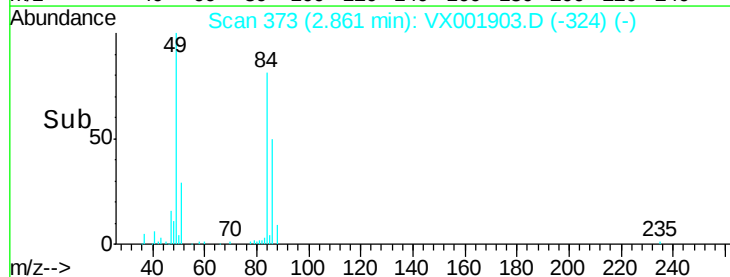
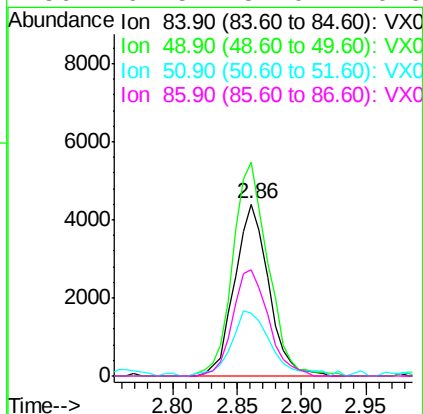
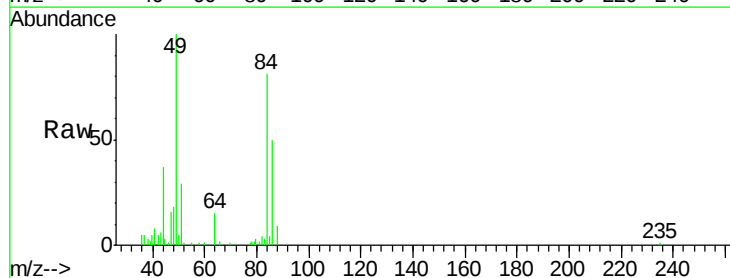
Instrument :
MSVOA_X
ClientSampleId :
PB109525ZHE#01

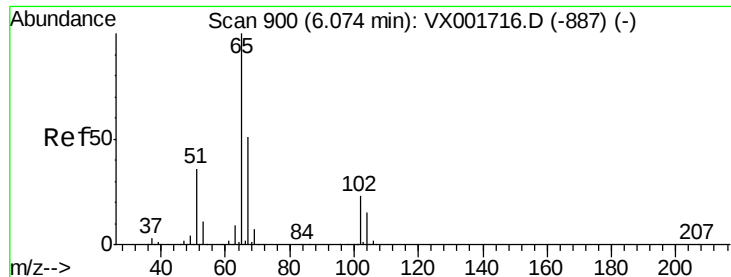
Tot Ion: 43 Resp: 24781
Ion Ratio Lower Upper
43 100
74 22.3 18.2 27.2



#20
Methylene Chloride
Concen: 3.05 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001903.D
Acq: 22 May 2018 19:37

Tgt Ion: 84 Resp: 8077
Ion Ratio Lower Upper
84 100
49 124.1 96.3 144.5
51 36.4 29.8 44.6
86 61.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 47.93 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001903.D

Acq: 22 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

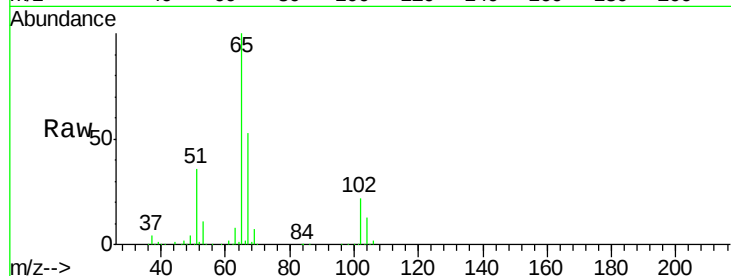
PB109525ZHE#01

Tot Ion: 65 Resp: 150951

Ion Ratio Lower Upper

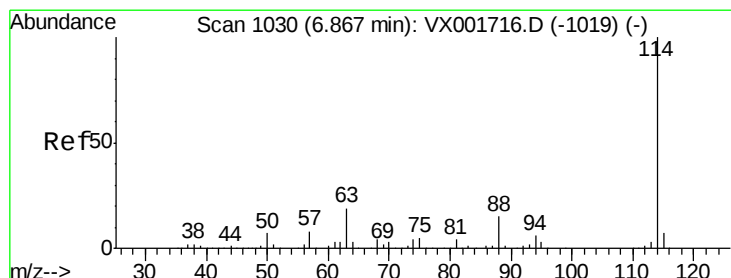
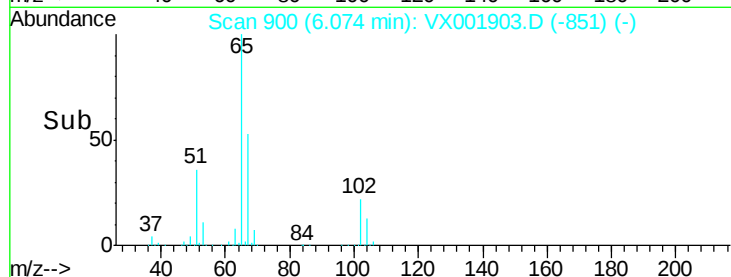
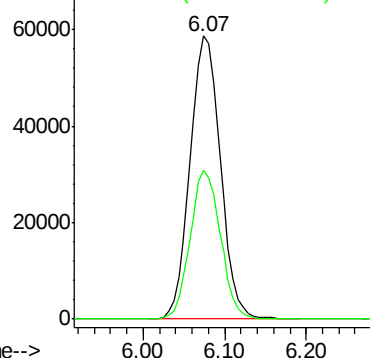
65 100

67 52.5 0.0 102.8



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# 1030

Delta R.T. -0.00 min

Lab File: VX001903.D

Acq: 22 May 2018 19:37

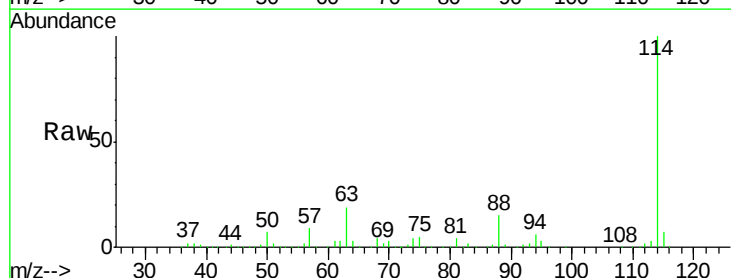
Tgt Ion: 114 Resp: 315042

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

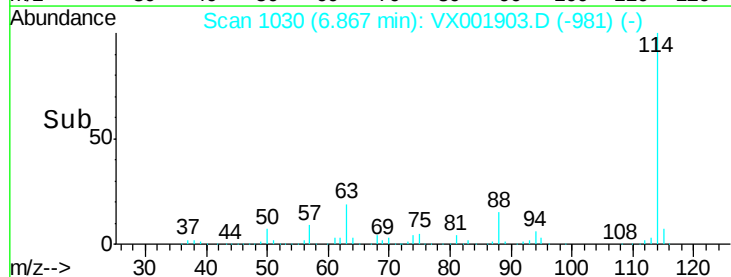
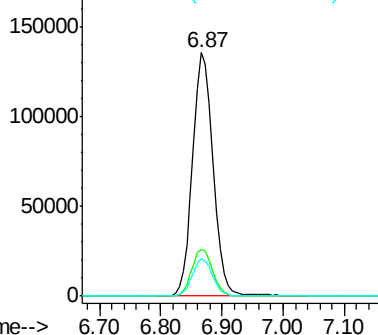
88 15.3 0.0 29.8

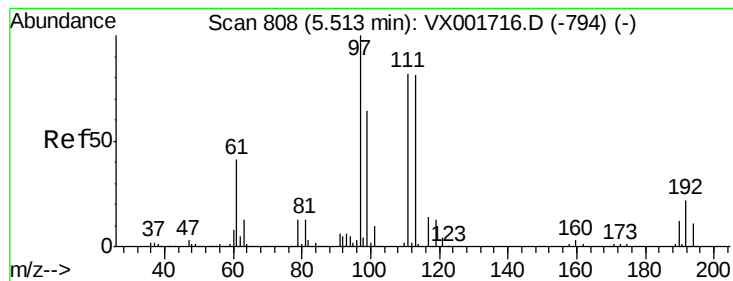


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.07 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001903.D

Acq: 22 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

PB109525ZHE#01

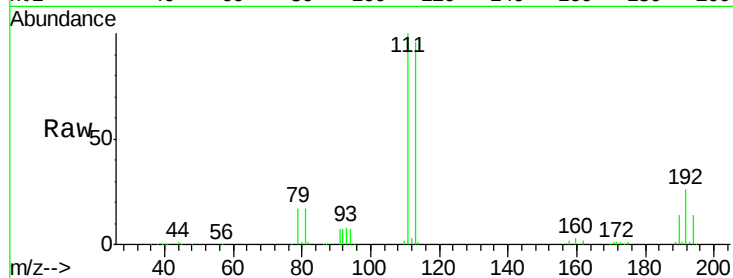
Tot Ion:113 Resp: 125153

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

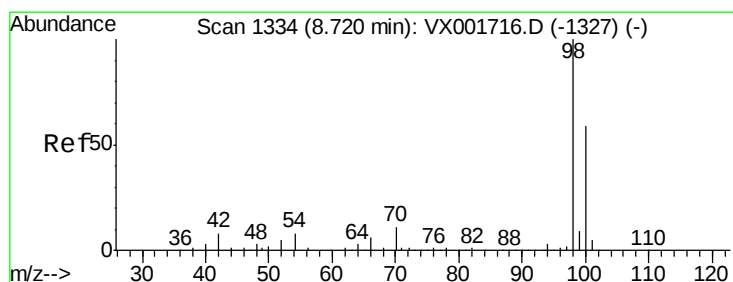
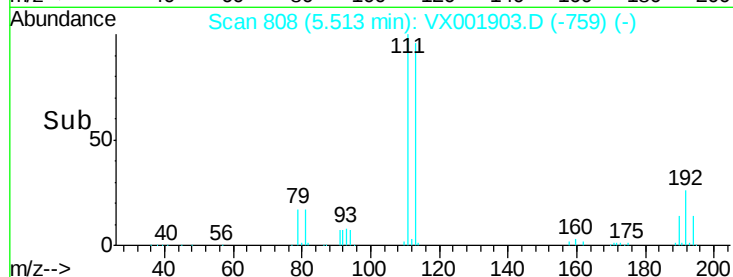
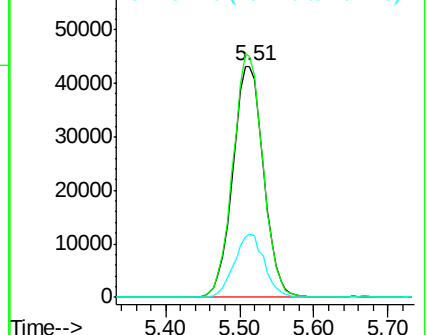
192 26.7 21.6 32.4



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: 46.14 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001903.D

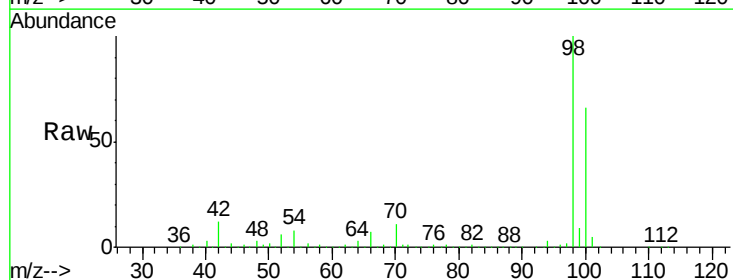
Acq: 22 May 2018 19:37

Tgt Ion: 98 Resp: 439299

Ion Ratio Lower Upper

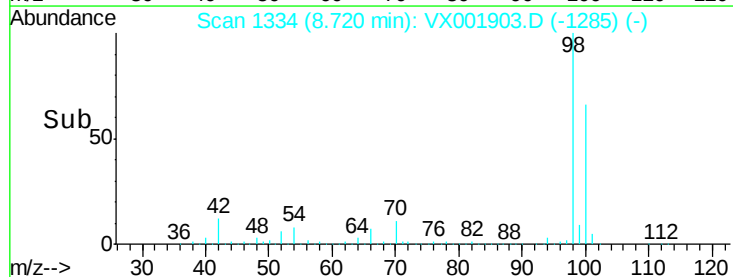
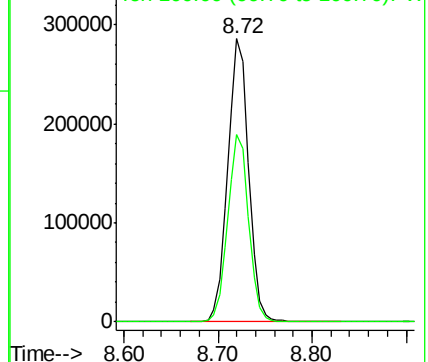
98 100

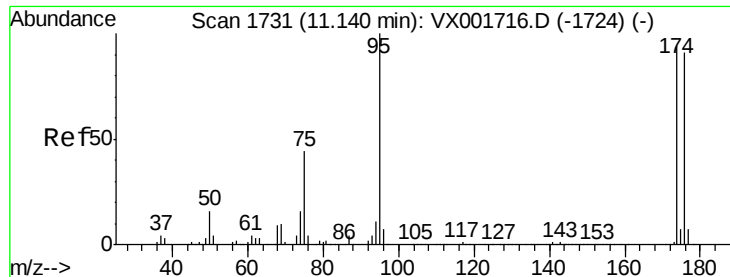
100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 35.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001903.D

Acq: 22 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

PB109525ZHE#01

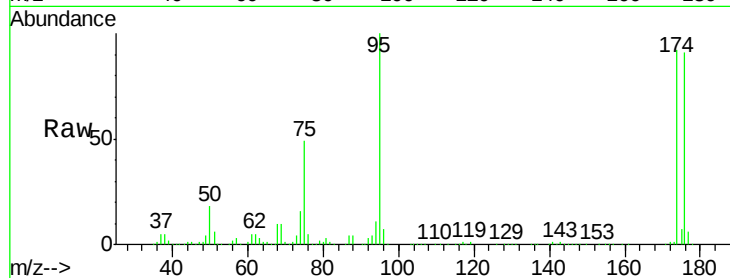
Tot Ion: 95 Resp: 120339

Ion Ratio Lower Upper

95 100

174 101.9 0.0 201.8

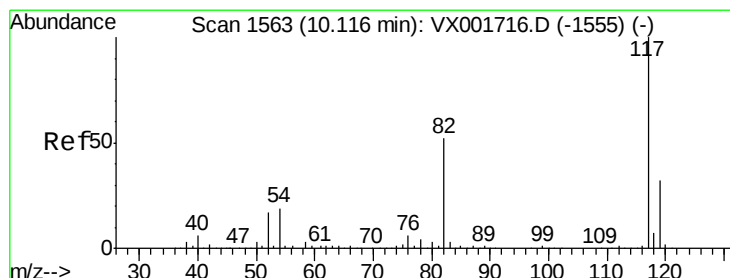
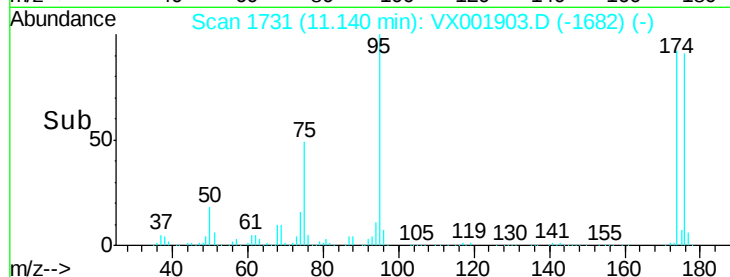
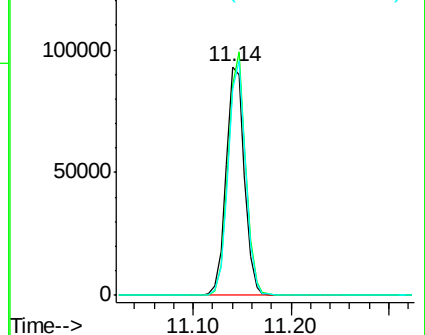
176 98.3 0.0 196.8



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: VX001903.D

Acq: 22 May 2018 19:37

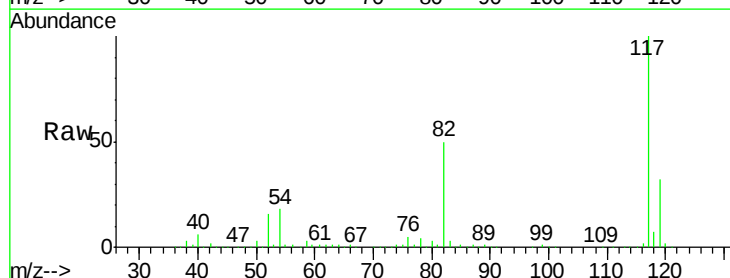
Tgt Ion: 117 Resp: 259171

Ion Ratio Lower Upper

117 100

82 50.1 41.4 62.2

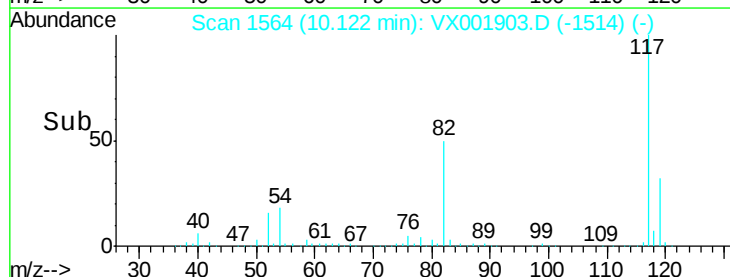
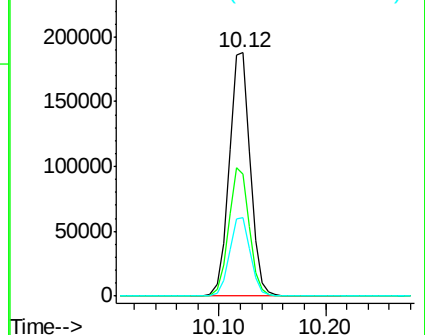
119 32.5 25.6 38.4



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001903.D

Acq: 22 May 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

PB109525ZHE#01

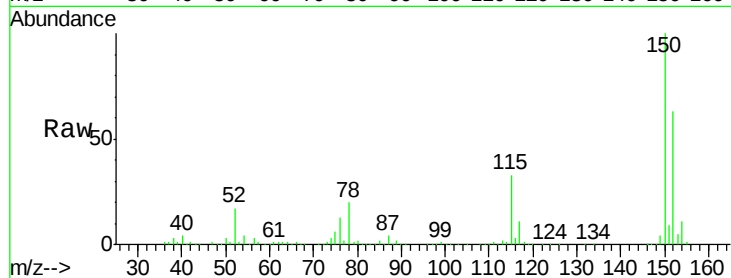
Tot Ion:152 Resp: 112288

Ion Ratio Lower Upper

152 100

115 52.4 37.4 112.2

150 155.8 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

