

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001697.D
 Acq On : 13 May 2018 05:06
 Operator : JC/MD
 Sample : PB109200ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#13

Quant Time: May 14 07:55:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

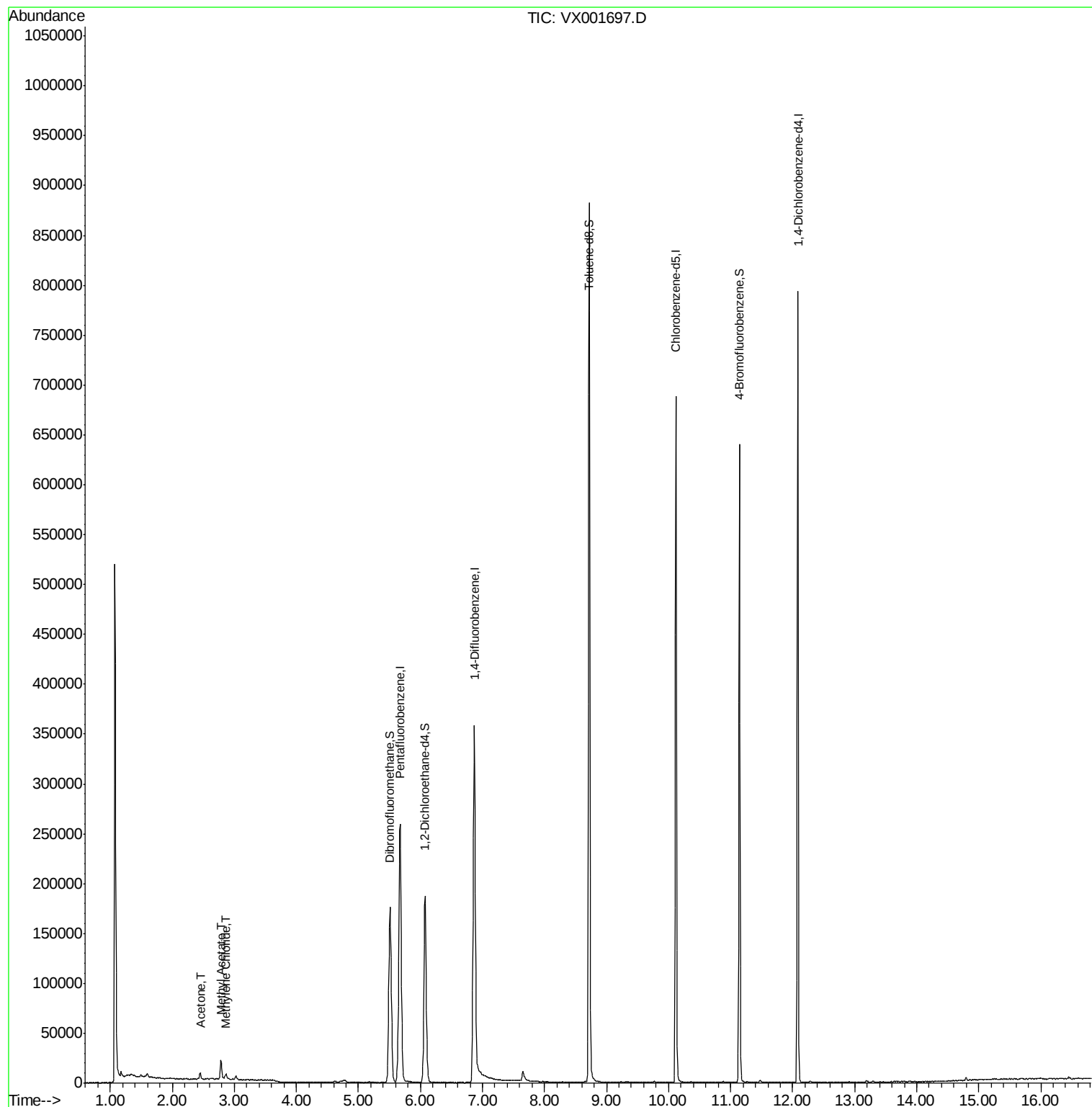
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179431	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
35) Dibromofluoromethane	5.51	113	145402	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
50) Toluene-d8	8.72	98	516858	42.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.70%	
62) 4-Bromofluorobenzene	11.14	95	162665	35.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.26%	
Target Compounds						
16) Acetone	2.45	43	7568	4.25	ug/l	99
18) Methyl Acetate	2.78	43	23318	4.99	ug/l	99
20) Methylene Chloride	2.86	84	2489	0.71	ug/l	96

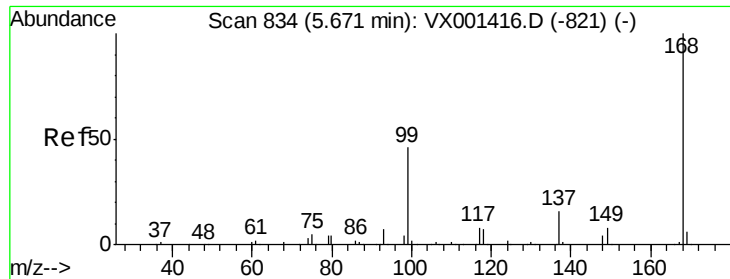
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001697.D

Acq: 13 May 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

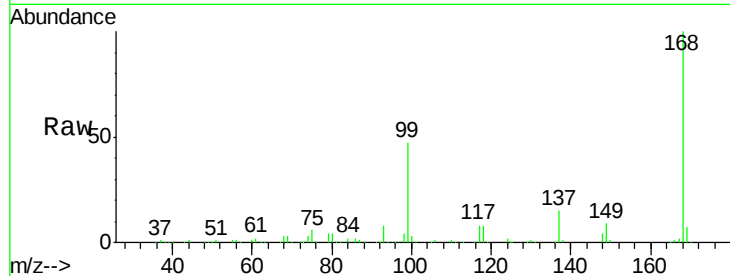
PB109200ZHE#13

Tot Ion:168 Resp: 272530

Ion Ratio Lower Upper

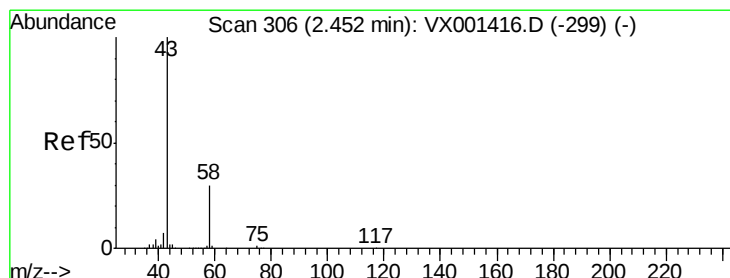
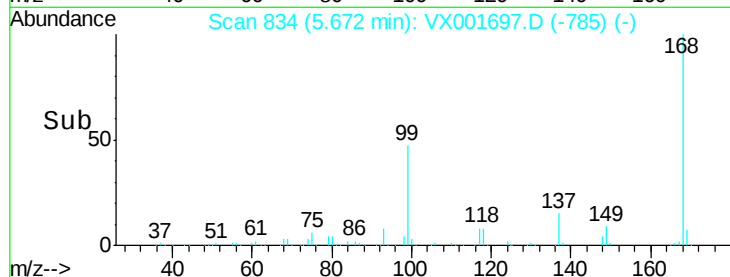
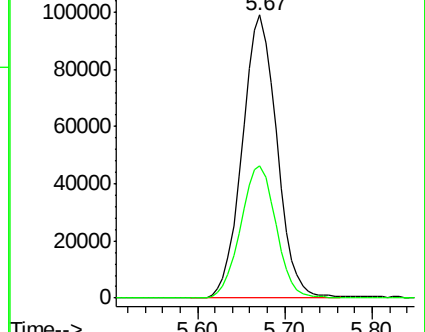
168 100

99 46.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.25 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001697.D

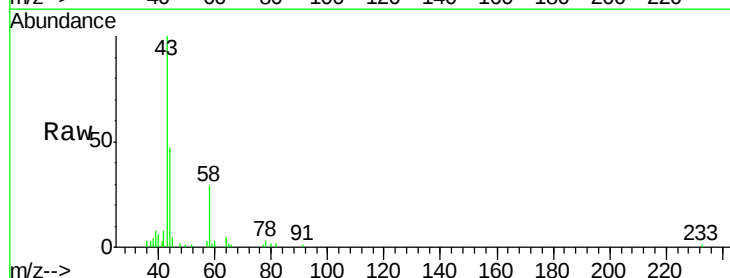
Acq: 13 May 2018 05:06

Tgt Ion: 43 Resp: 7568

Ion Ratio Lower Upper

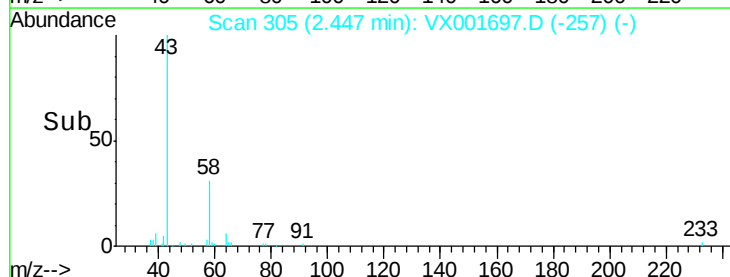
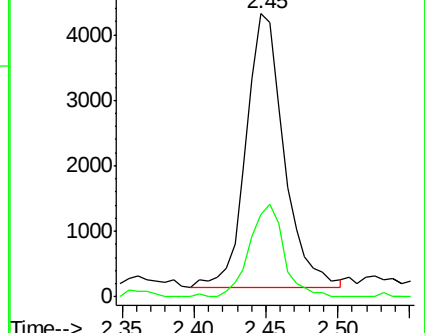
43 100

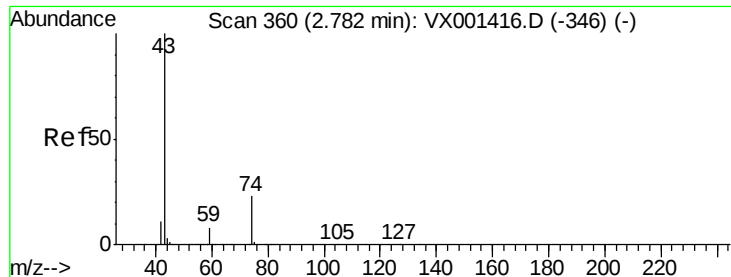
58 30.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

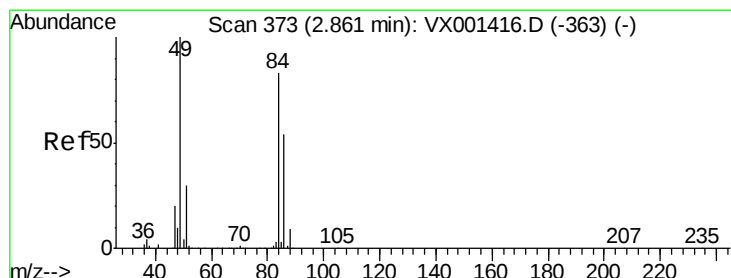
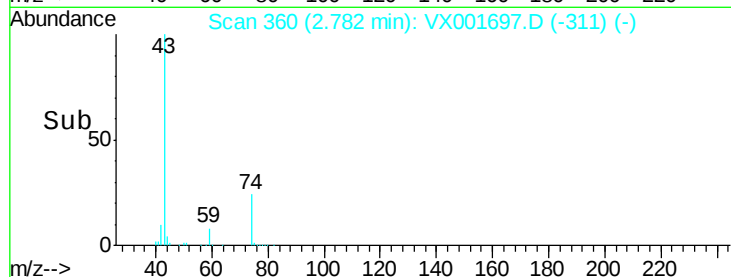
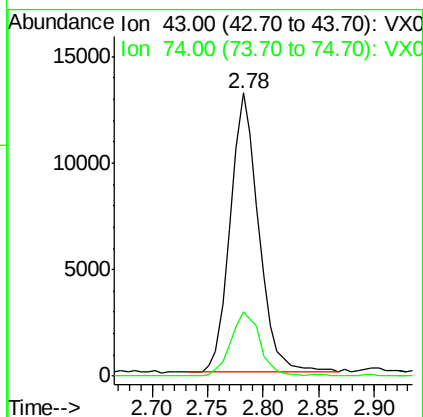
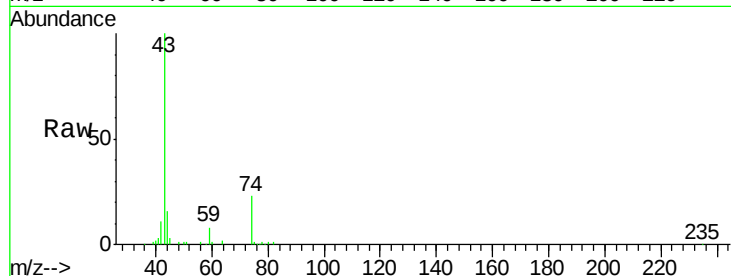




#18
Methvl Acetate
Concen: 4.99 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001697.D
Acq: 13 May 2018 05:06

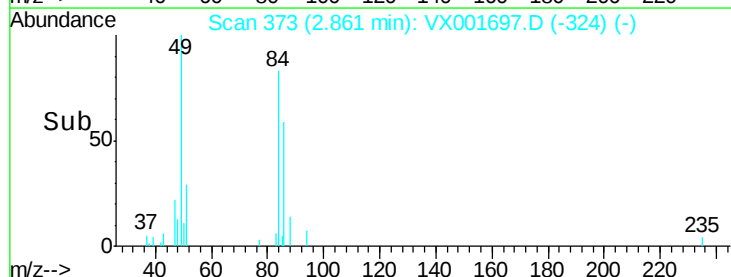
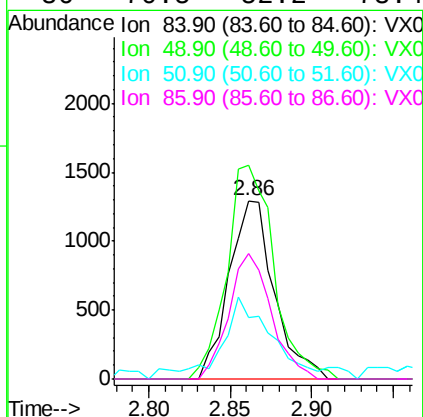
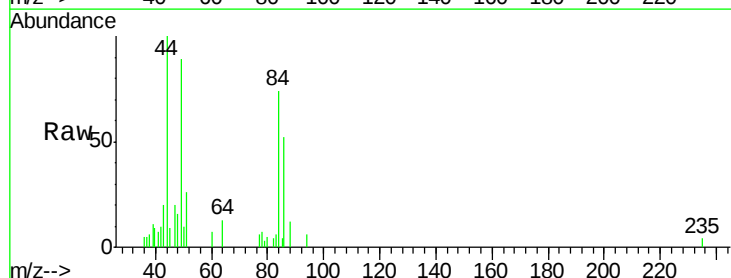
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#13

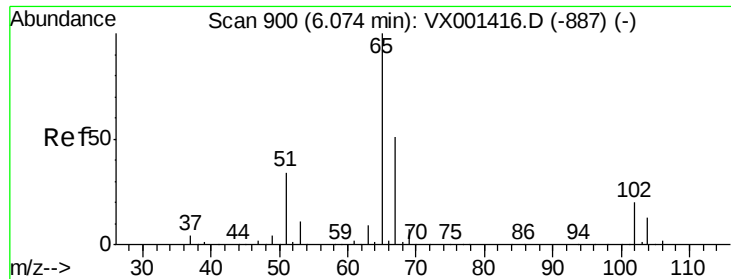
Tot Ion: 43 Resp: 23318
Ion Ratio Lower Upper
43 100
74 23.5 18.6 27.8



#20
Methylene Chloride
Concen: 0.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001697.D
Acq: 13 May 2018 05:06

Tgt Ion: 84 Resp: 2489
Ion Ratio Lower Upper
84 100
49 120.1 96.6 144.8
51 29.2 29.0 43.4
86 70.5 52.2 78.4

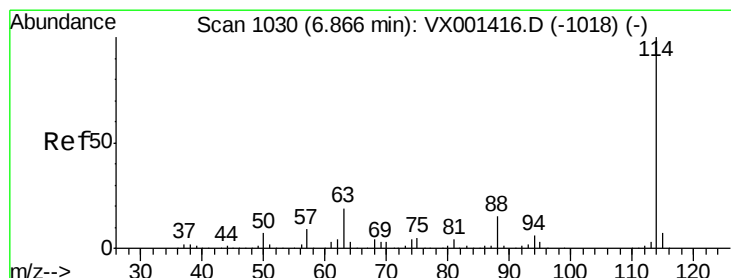
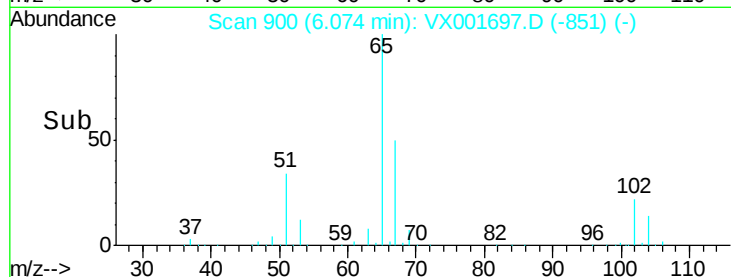
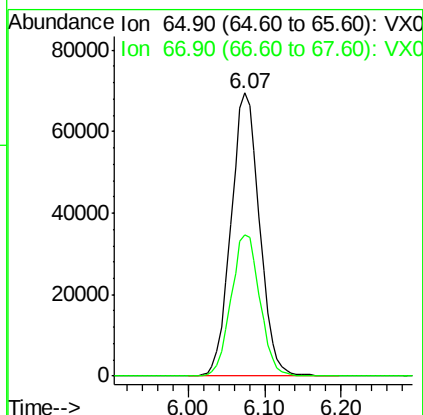
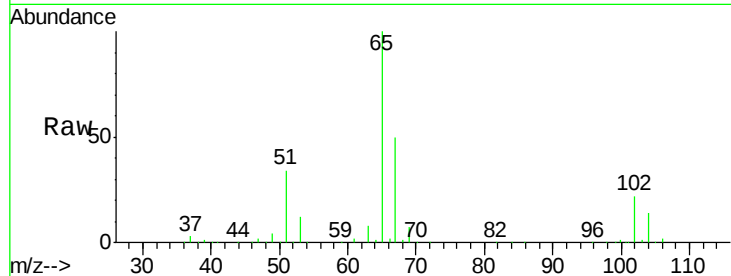




#33
 1,2-Dichloroethane-d4
 Concen: 45.81 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001697.D
 Acq: 13 May 2018 05:06

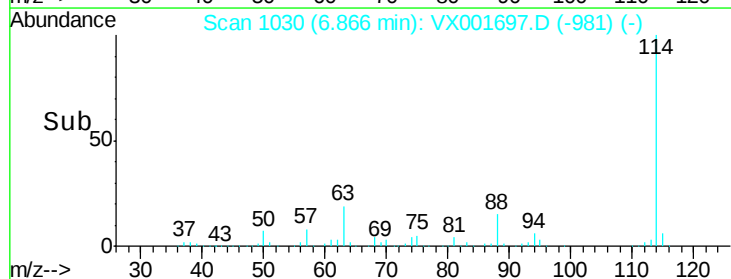
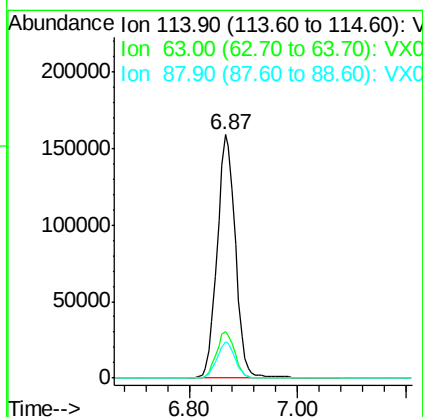
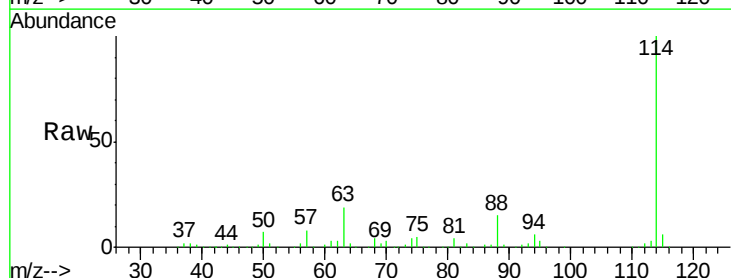
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#13

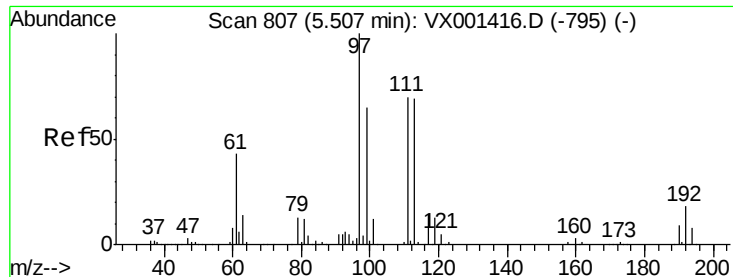
Tot Ion: 65 Resp: 179431
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001697.D
 Acq: 13 May 2018 05:06

Tgt Ion: 114 Resp: 371487
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 44.00 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001697.D

Acq: 13 May 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#13

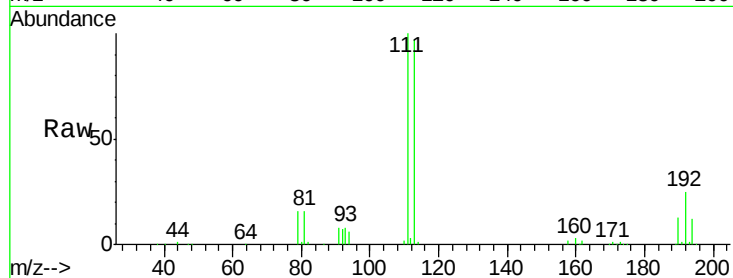
Tot Ion:113 Resp: 145402

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

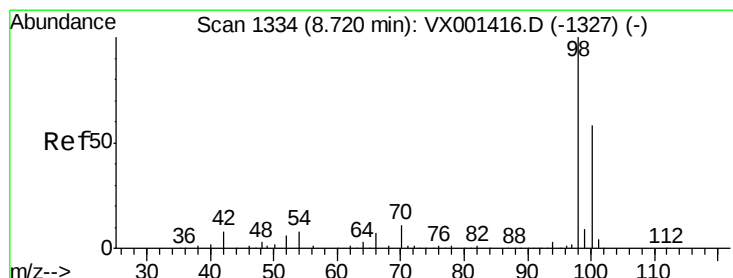
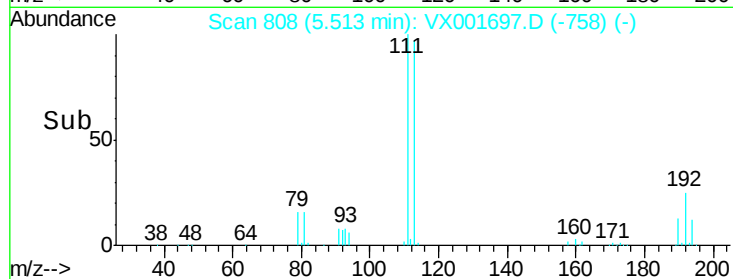
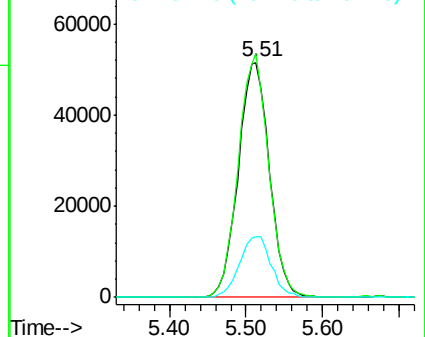
192 26.5 21.4 32.0



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: 42.85 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001697.D

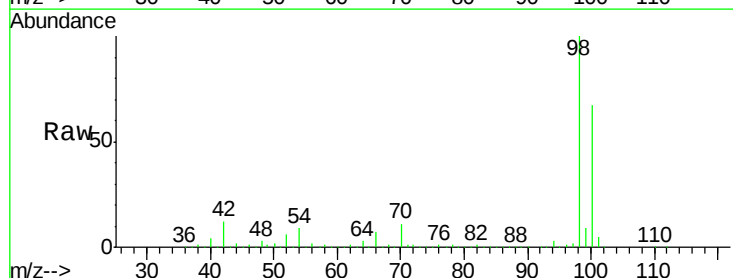
Acq: 13 May 2018 05:06

Tgt Ion: 98 Resp: 516858

Ion Ratio Lower Upper

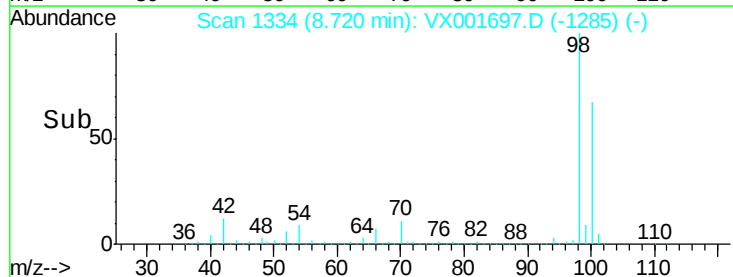
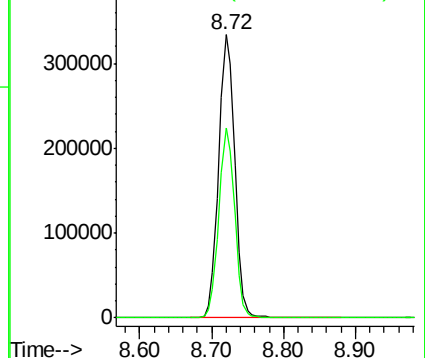
98 100

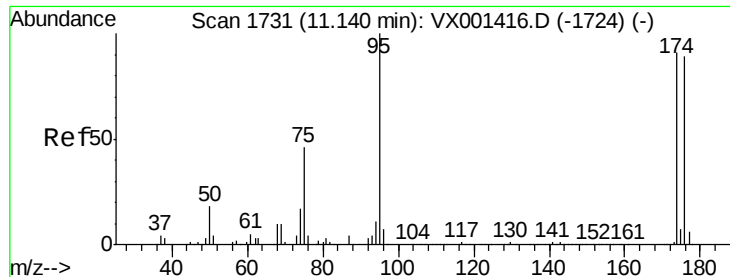
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 35.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001697.D

Acq: 13 May 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#13

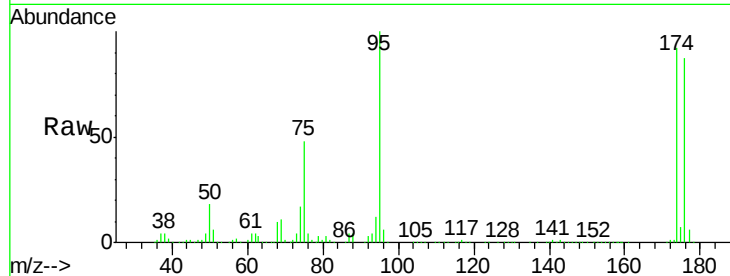
Tot Ion: 95 Resp: 162665

Ion Ratio Lower Upper

95 100

174 102.6 0.0 202.0

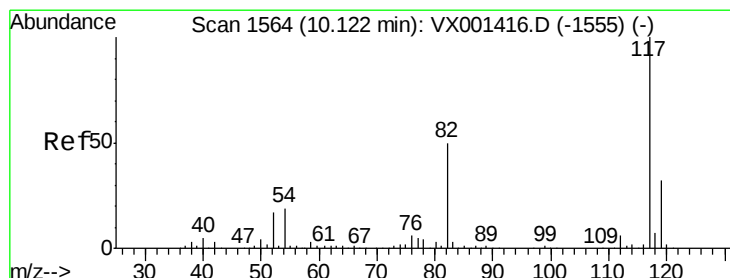
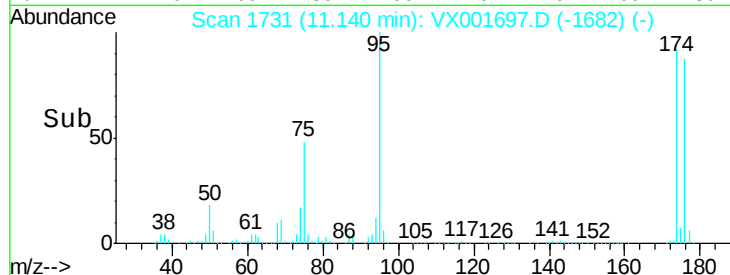
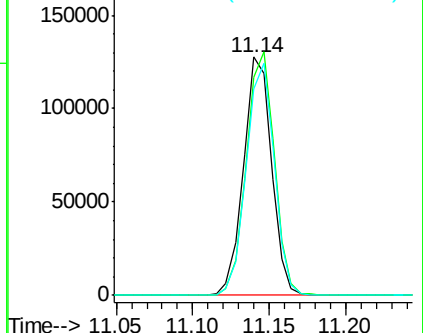
176 97.7 0.0 197.4



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# 1563

Delta R.T. -0.01 min

Lab File: VX001697.D

Acq: 13 May 2018 05:06

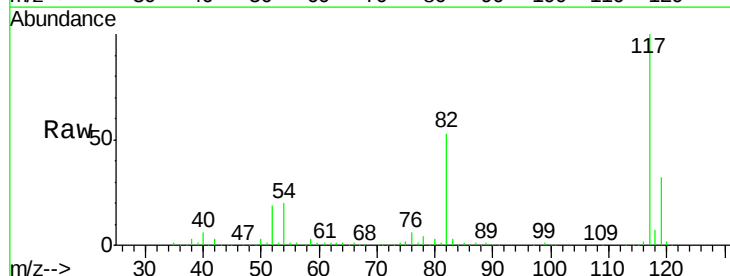
Tgt Ion: 117 Resp: 327078

Ion Ratio Lower Upper

117 100

82 52.8 40.0 60.0

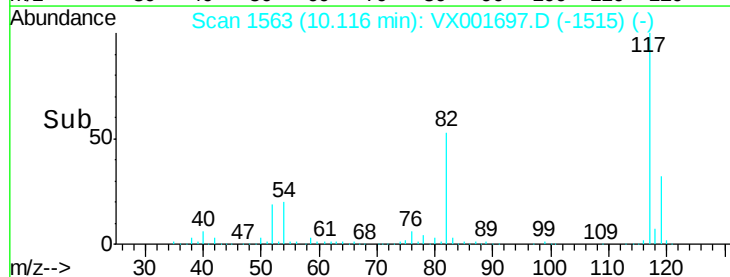
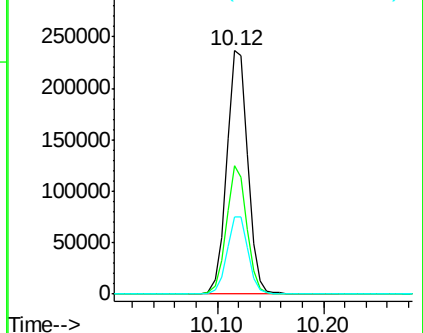
119 31.6 25.8 38.8

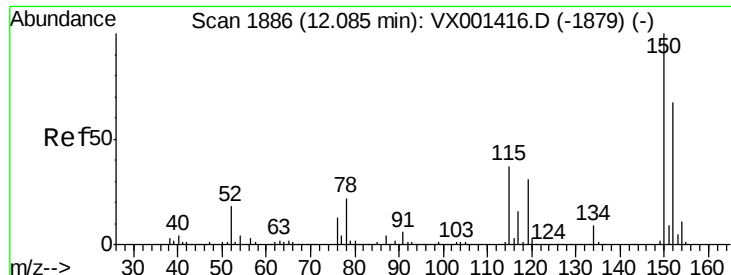


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX001697.D

Acq: 13 May 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#13

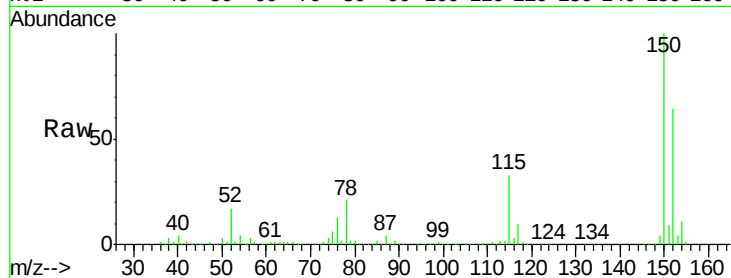
Tot Ion:152 Resp: 175094

Ion Ratio Lower Upper

152 100

115 52.4 37.7 113.1

150 155.7 0.0 349.4



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

