

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003329.D
 Acq On : 11 Jul 2018 19:29
 Operator : JC/MD
 Sample : PB110983ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110983ZHE#03

Quant Time: Jul 12 04:35:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

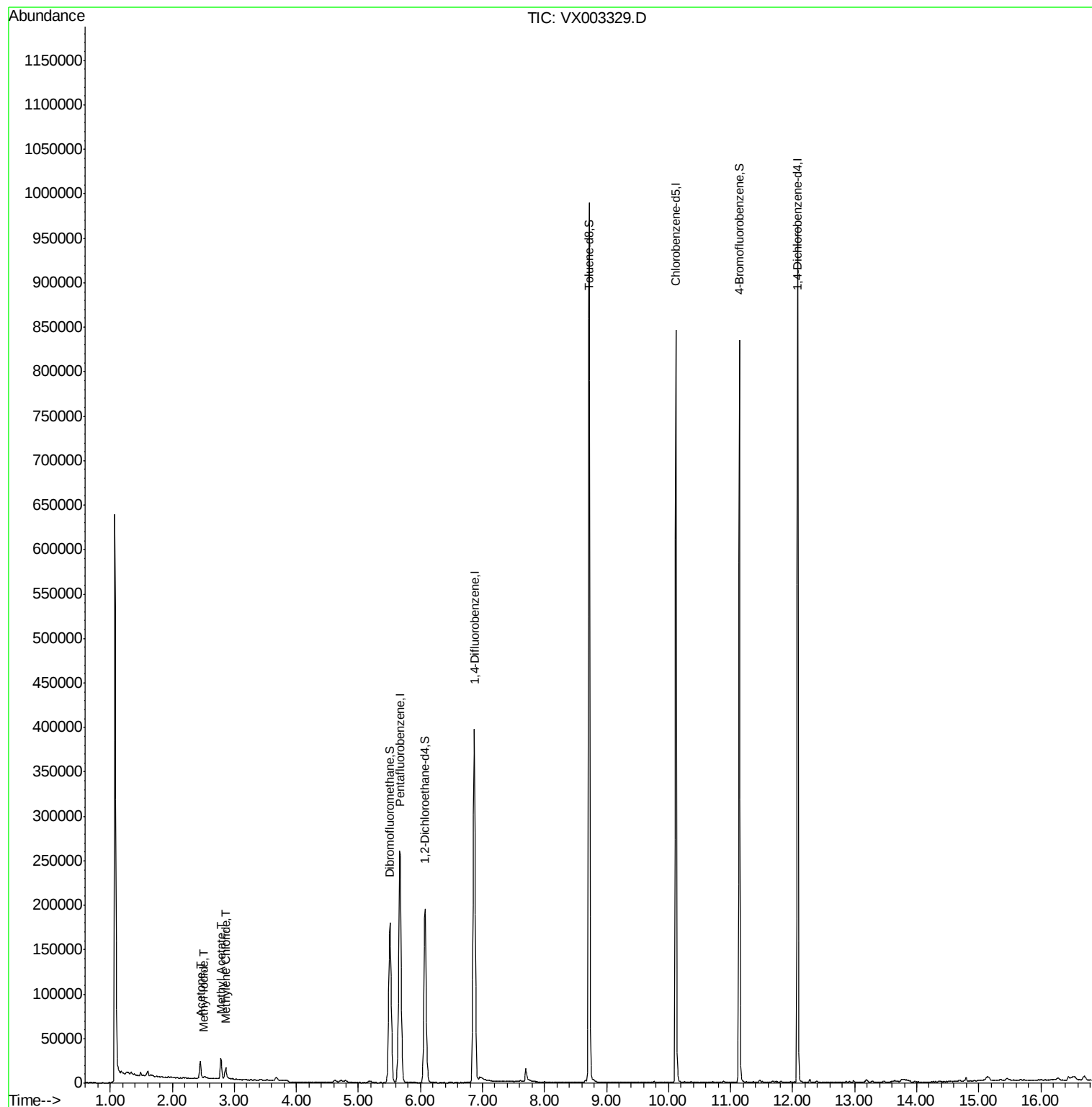
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	403722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	386607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	186166	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
35) Dibromofluoromethane	5.51	113	155492	35.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.70%	
50) Toluene-d8	8.72	98	590825	38.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.70%	
62) 4-Bromofluorobenzene	11.14	95	203272	35.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.42%	
Target Compounds						
10) Methyl Iodide	2.51	142	2757	6.329	ug/l	94
16) Acetone	2.45	43	21404	14.480	ug/l	92
18) Methyl Acetate	2.78	43	27778	6.661	ug/l	94
20) Methylene Chloride	2.86	84	6277	1.386	ug/l	86

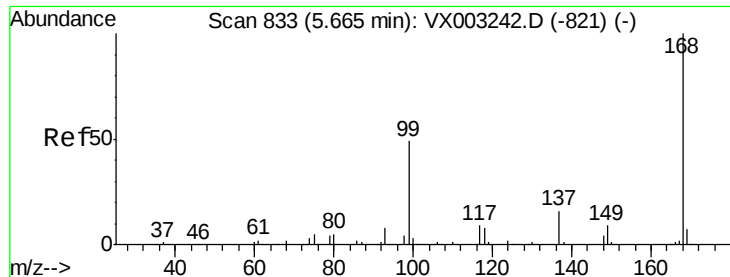
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003329.D

Acq: 11 Jul 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

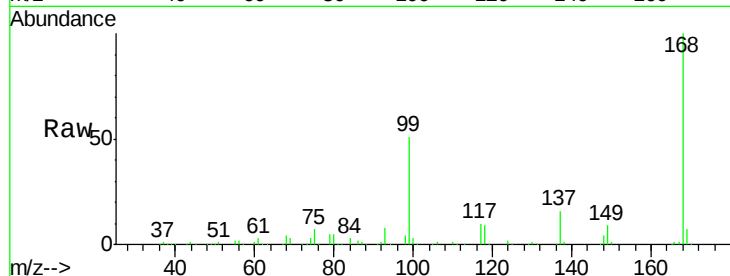
PB110983ZHE#03

Tot Ion:168 Resp: 264560

Ion Ratio Lower Upper

168 100

99 51.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

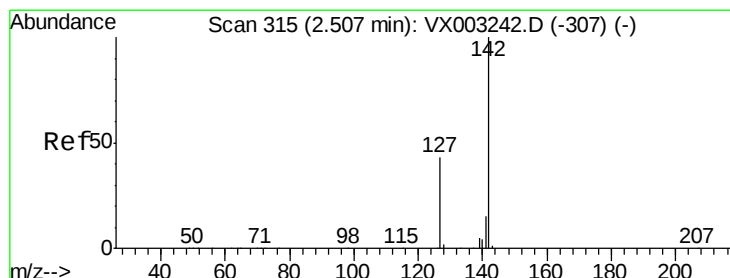
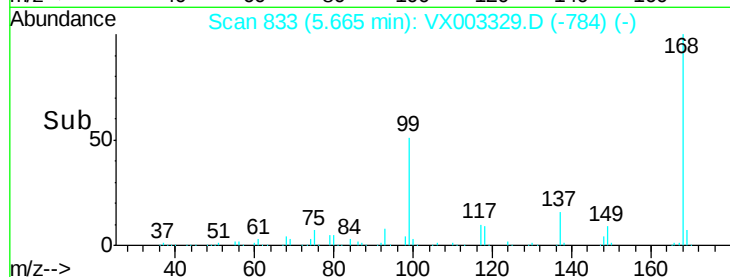
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#10

Methyl Iodide

Concen: 6.329 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003329.D

Acq: 11 Jul 2018 19:29

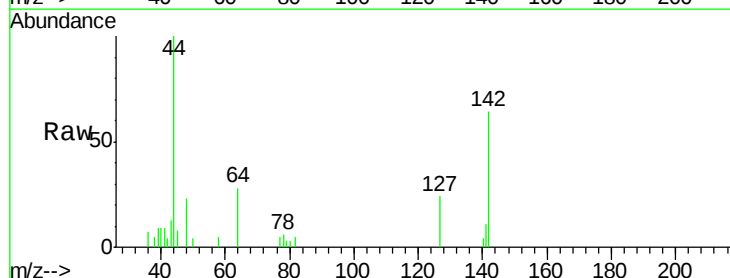
Tgt Ion:142 Resp: 2757

Ion Ratio Lower Upper

142 100

127 41.3 36.6 55.0

141 12.3 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

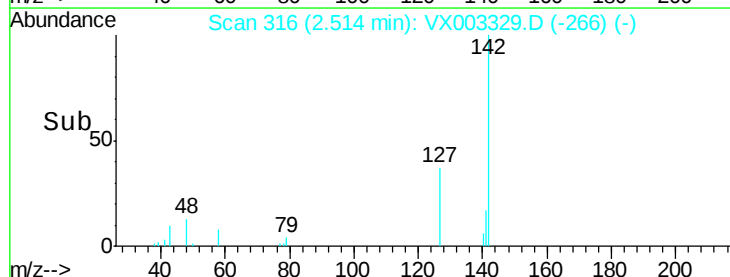
1500

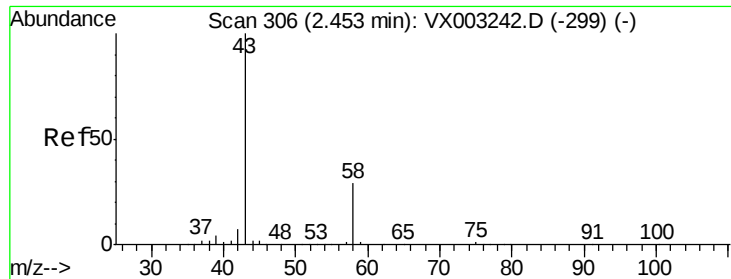
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 14.480 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003329.D

Acq: 11 Jul 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

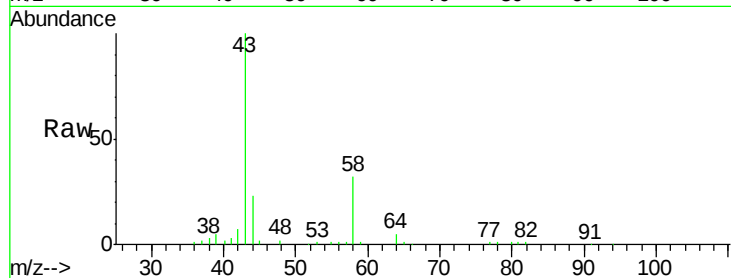
PB110983ZHE#03

Tot Ion: 43 Resp: 21404

Ion Ratio Lower Upper

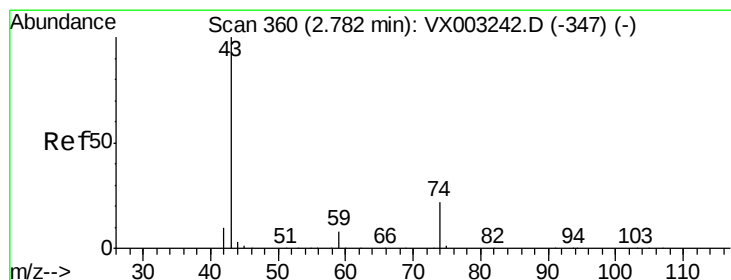
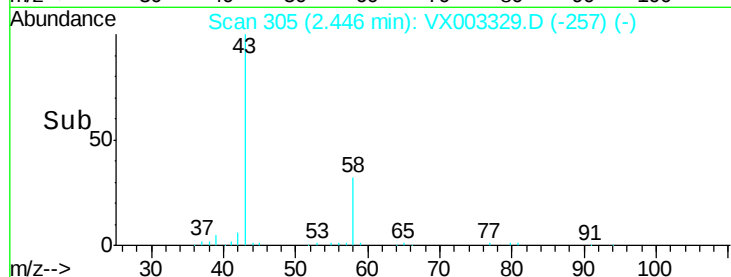
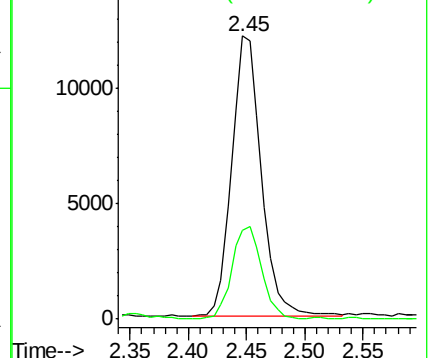
43 100

58 31.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 6.661 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003329.D

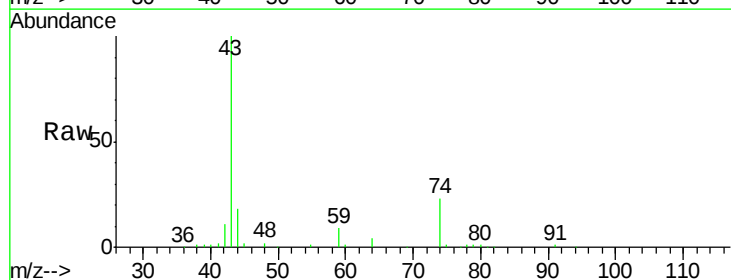
Acq: 11 Jul 2018 19:29

Tgt Ion: 43 Resp: 27778

Ion Ratio Lower Upper

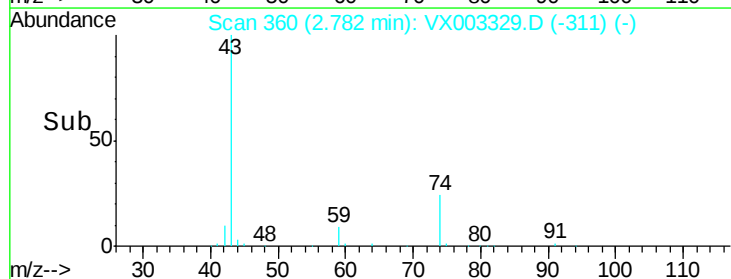
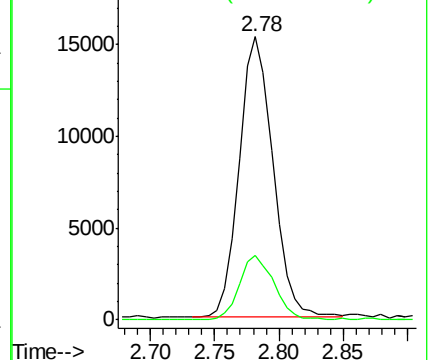
43 100

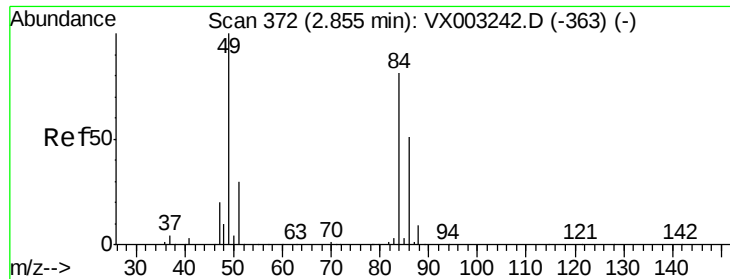
74 23.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

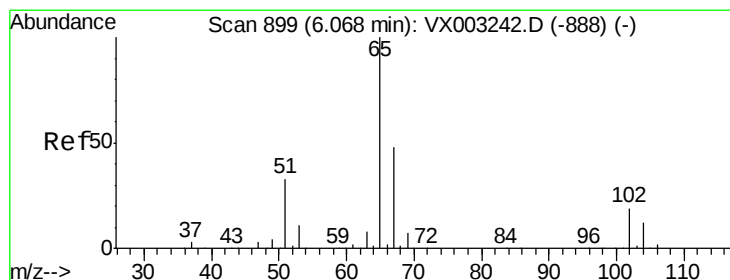
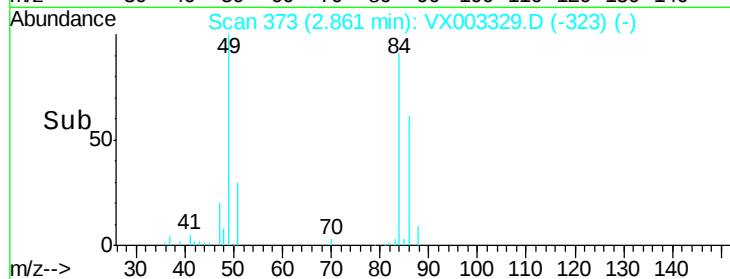
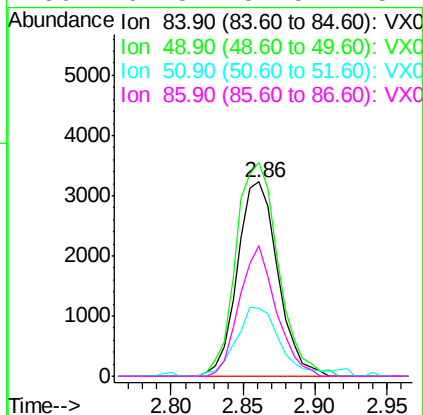
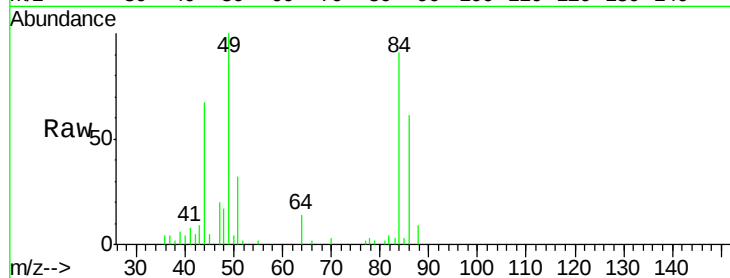




#20
Methvlene Chloride
Concen: 1.386 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003329.D
Acq: 11 Jul 2018 19:29

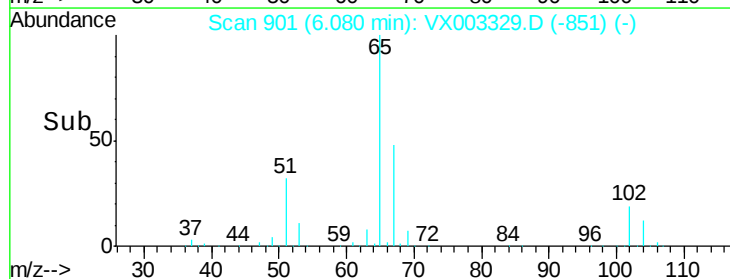
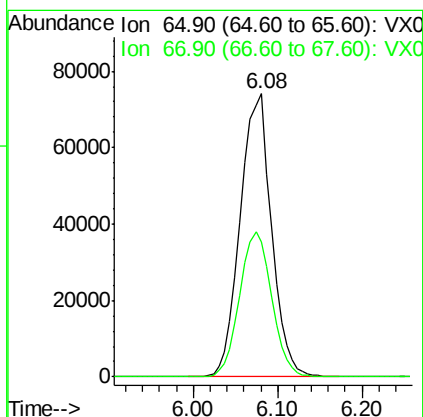
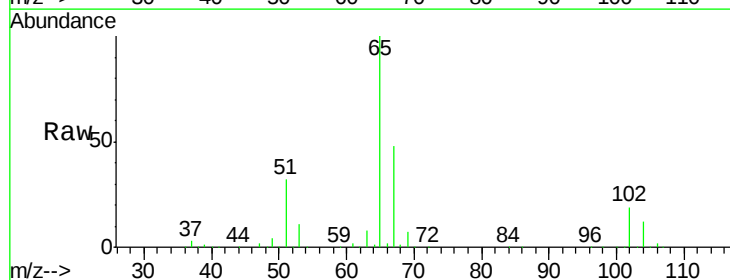
Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#03

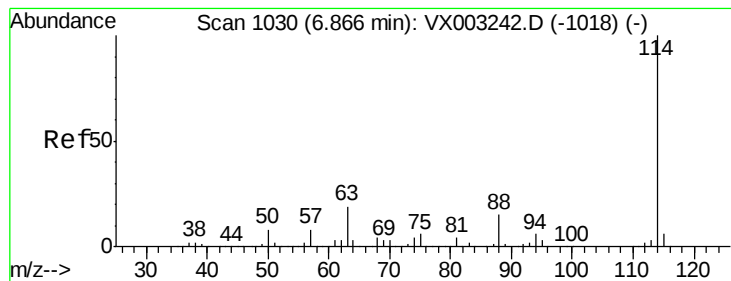
Tot Ion: 84 Resp: 6277
Ion Ratio Lower Upper
84 100
49 110.0 107.8 161.6
51 35.1 32.8 49.2
86 67.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 44.713 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX003329.D
Acq: 11 Jul 2018 19:29

Tgt Ion: 65 Resp: 186166
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003329.D

Acq: 11 Jul 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

PB110983ZHE#03

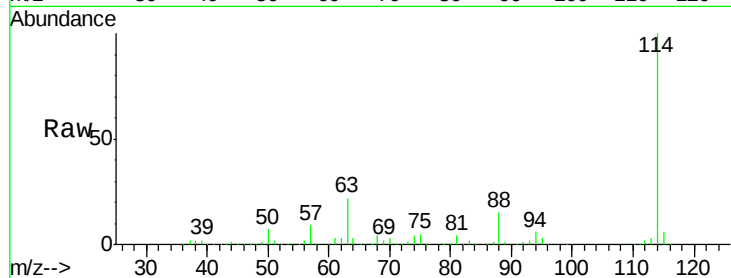
Tot Ion:114 Resp: 403722

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.4

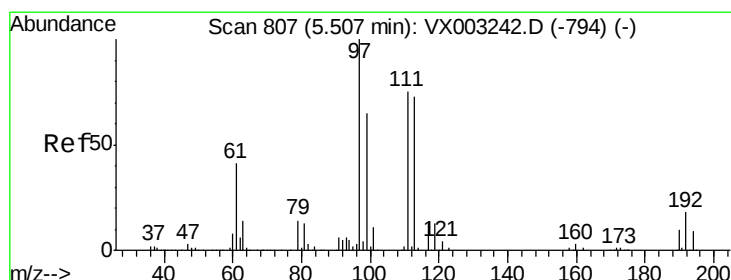
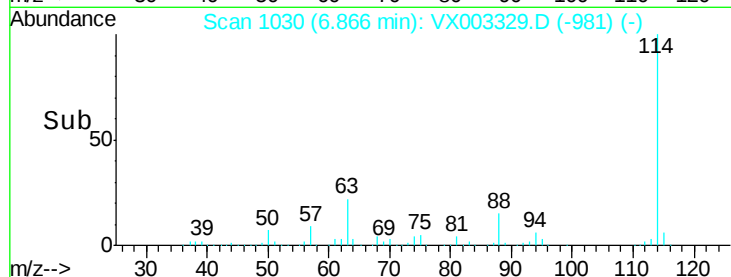
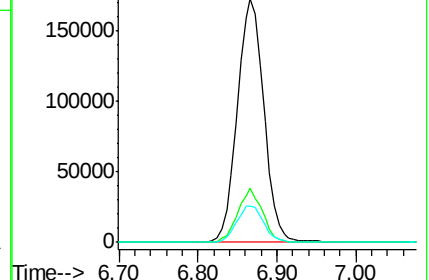
88 15.0 0.0 30.0



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: 35.850 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003329.D

Acq: 11 Jul 2018 19:29

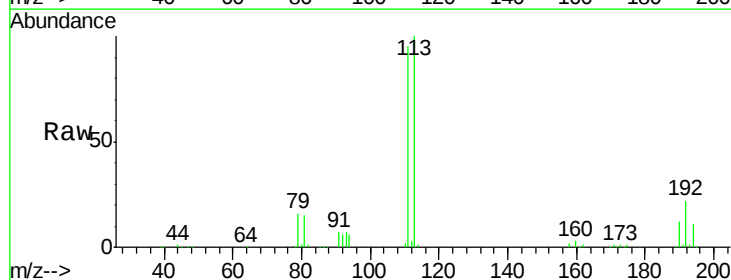
Tgt Ion:113 Resp: 155492

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

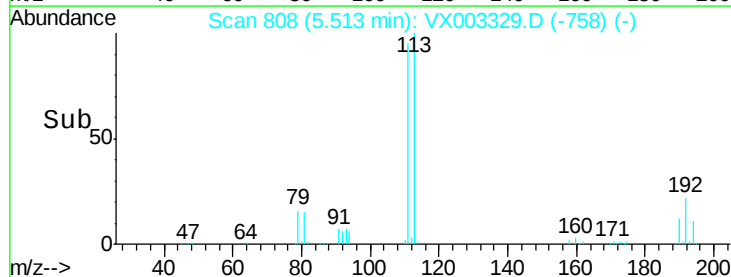
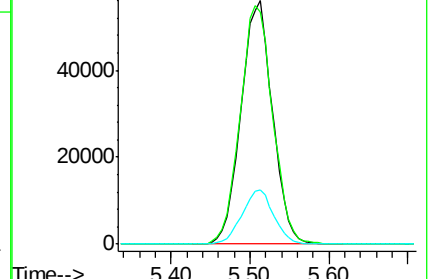
192 22.4 19.1 28.7

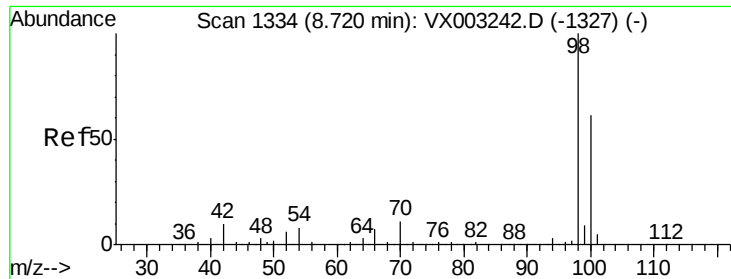


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.350 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003329.D

Acq: 11 Jul 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

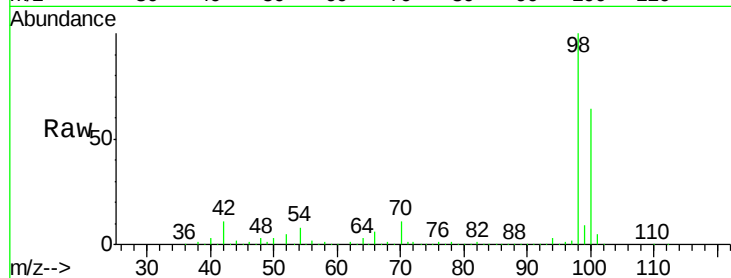
PB110983ZHE#03

Tot Ion: 98 Resp: 590825

Ion Ratio Lower Upper

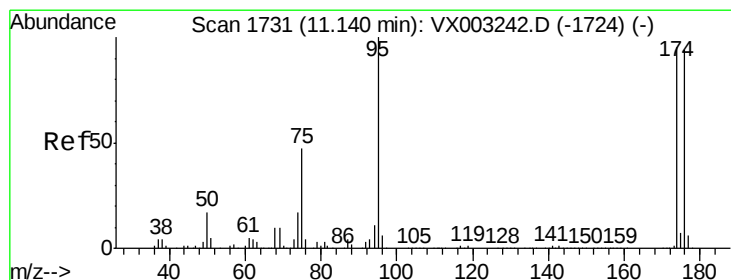
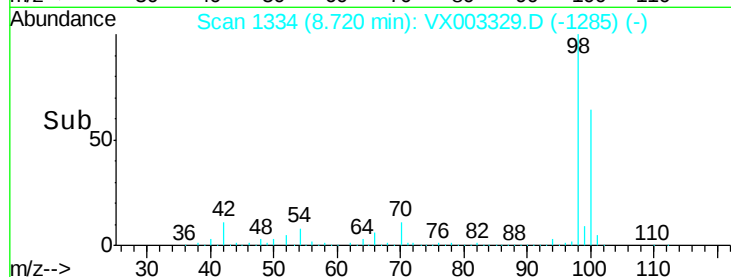
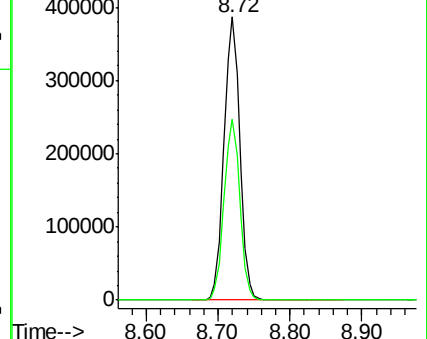
98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 35.708 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003329.D

Acq: 11 Jul 2018 19:29

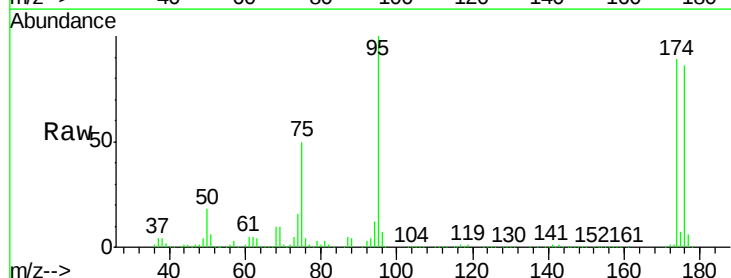
Tgt Ion: 95 Resp: 203272

Ion Ratio Lower Upper

95 100

174 91.9 0.0 187.4

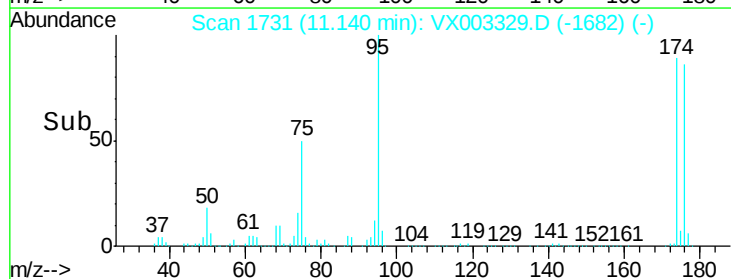
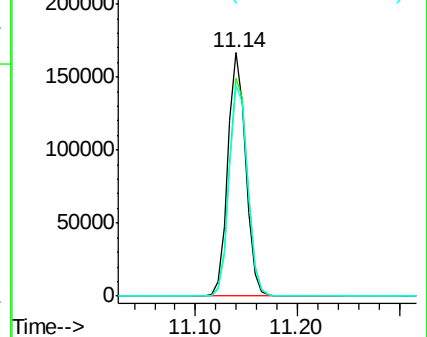
176 89.1 0.0 181.0

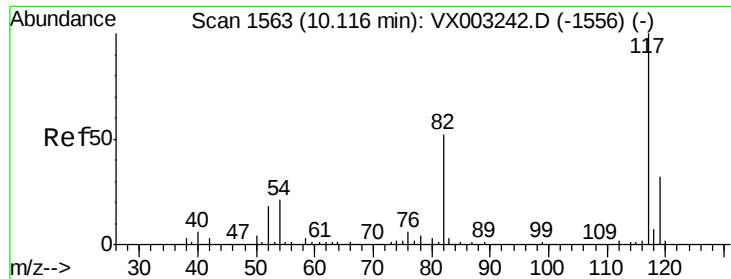


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

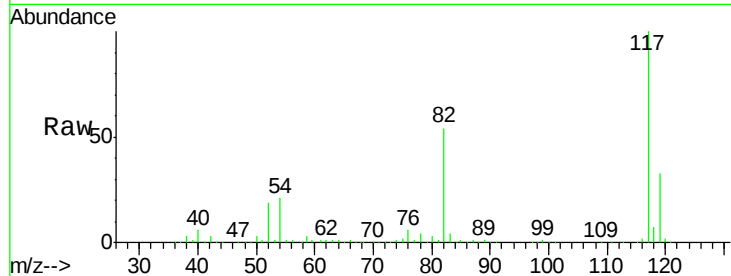




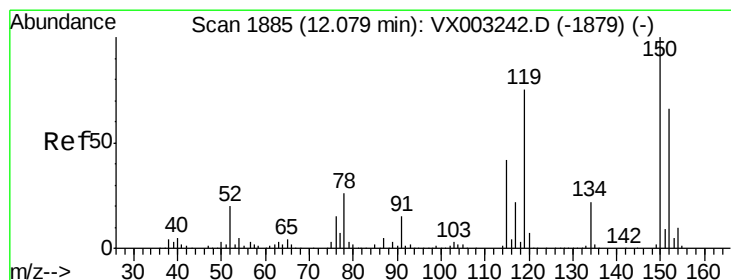
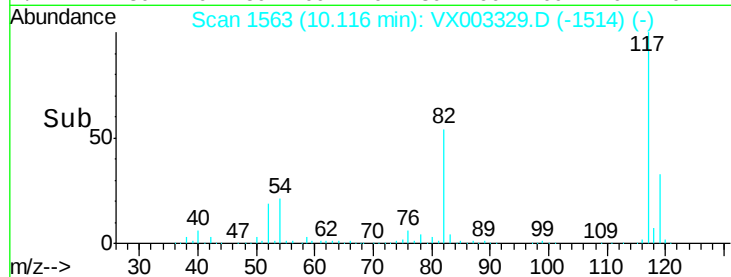
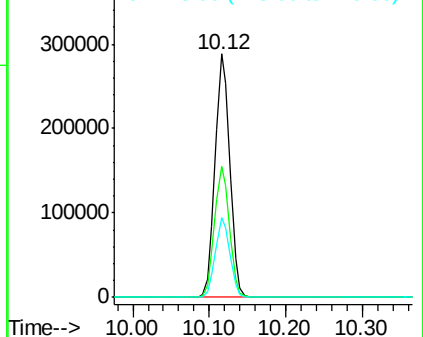
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003329.D
Acq: 11 Jul 2018 19:29

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#03

Tot Ion:117 Resp: 386607
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.5 25.8 38.6

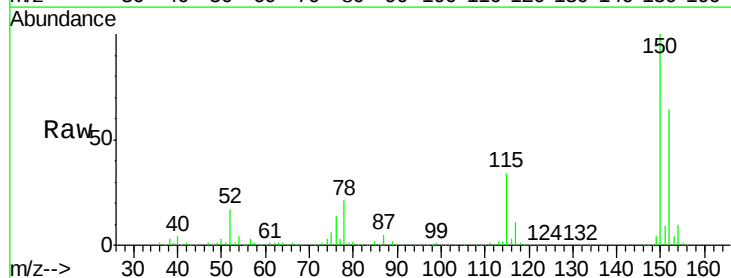


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003329.D
Acq: 11 Jul 2018 19:29

Tgt Ion:152 Resp: 212948
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 156.6 0.0 347.2



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

