

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003331.D
 Acq On : 11 Jul 2018 20:22
 Operator : JC/MD
 Sample : PB110983ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110983ZHE#05

Quant Time: Jul 12 04:35:40 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

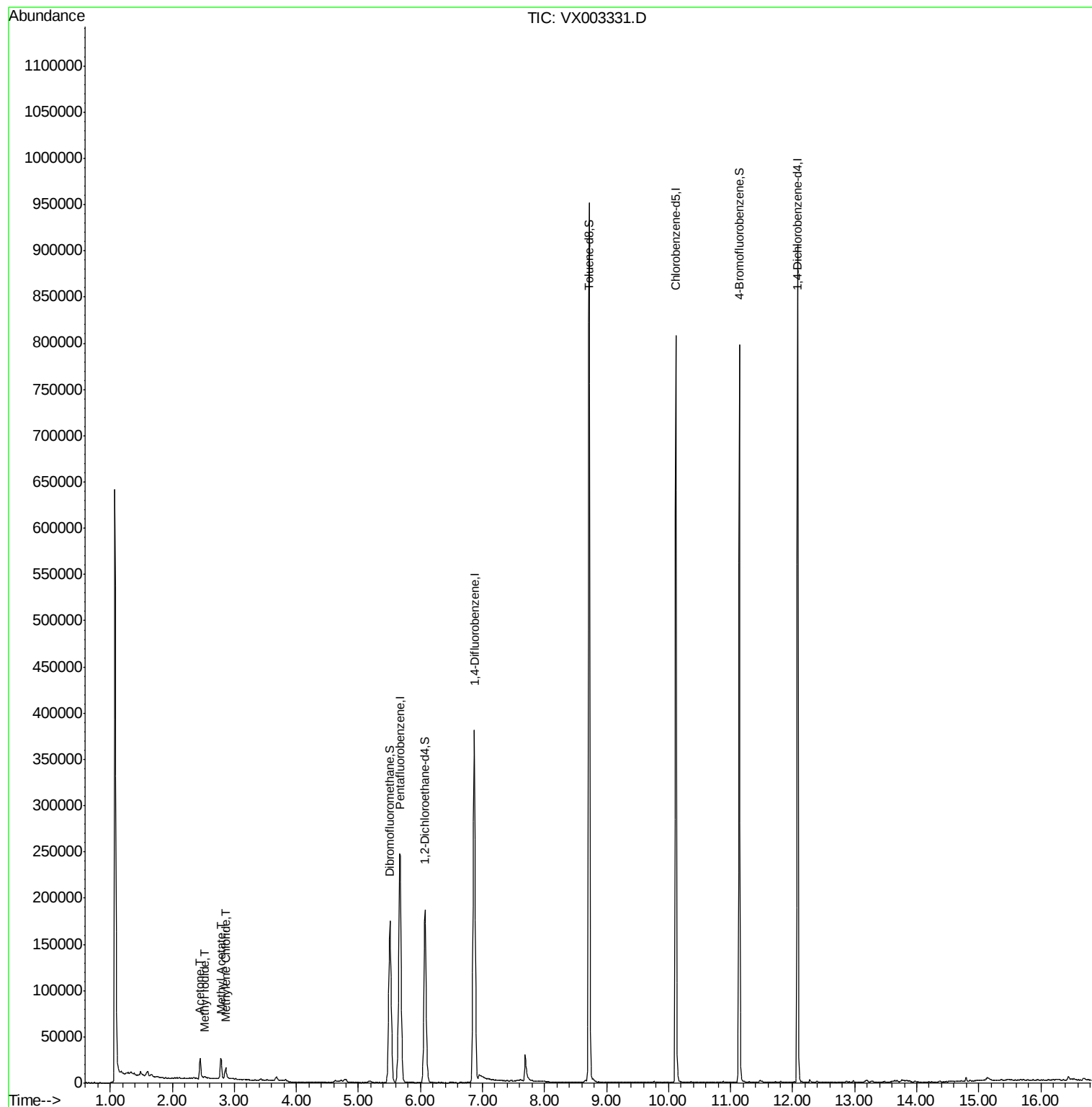
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	386877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174043	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
35) Dibromofluoromethane	5.51	113	145583	35.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.06%	
50) Toluene-d8	8.72	98	559877	37.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.84%	
62) 4-Bromofluorobenzene	11.14	95	190581	34.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.88%	
Target Compounds						
10) Methyl Iodide	2.53	142	2016	6.174	ug/l	98
16) Acetone	2.45	43	23042	16.442	ug/l #	89
18) Methyl Acetate	2.78	43	28566	7.226	ug/l	96
20) Methylene Chloride	2.86	84	5723	1.305	ug/l #	83

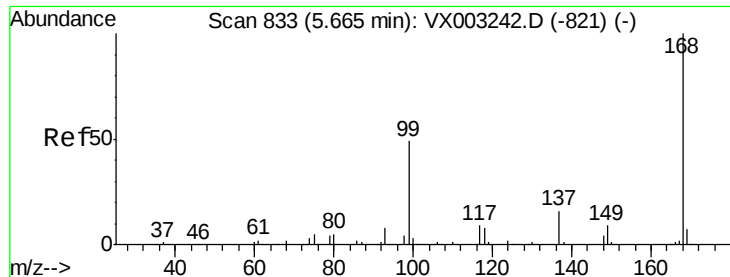
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003331.D

Acq: 11 Jul 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

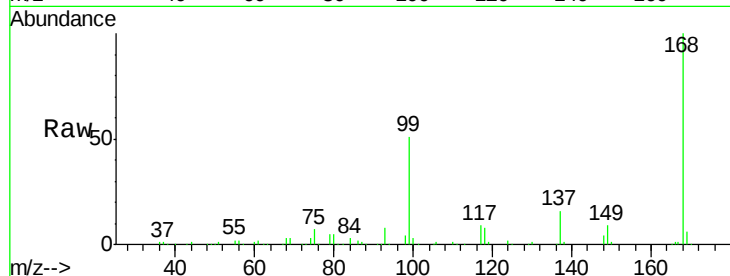
PB110983ZHE#05

Tot Ion:168 Resp: 250818

Ion Ratio Lower Upper

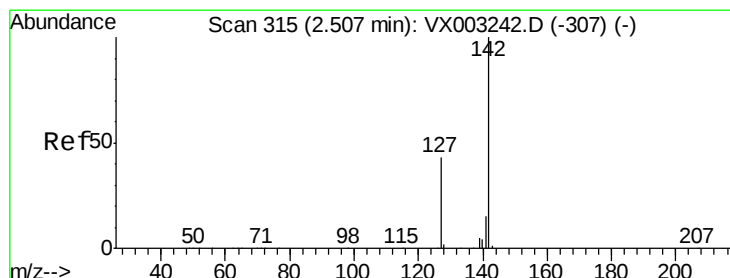
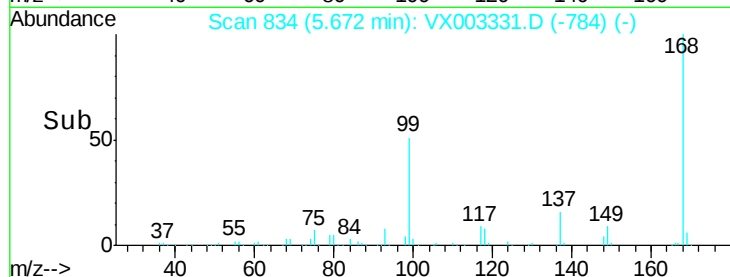
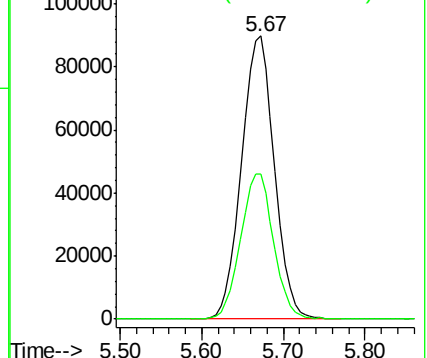
168 100

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



#10

Methyl Iodide

Concen: 6.174 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.02 min

Lab File: VX003331.D

Acq: 11 Jul 2018 20:22

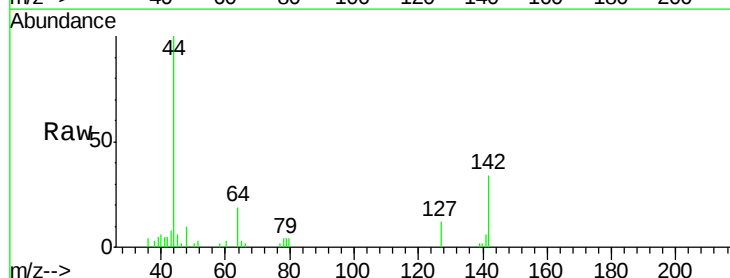
Tgt Ion:142 Resp: 2016

Ion Ratio Lower Upper

142 100

127 45.0 36.6 55.0

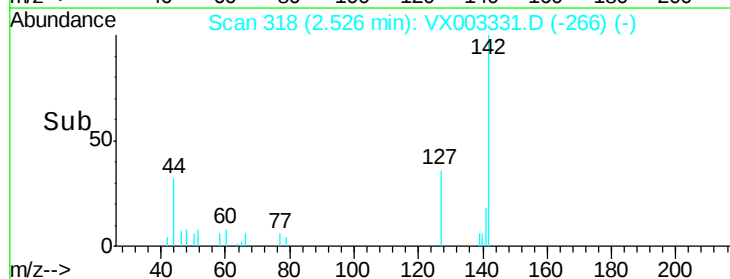
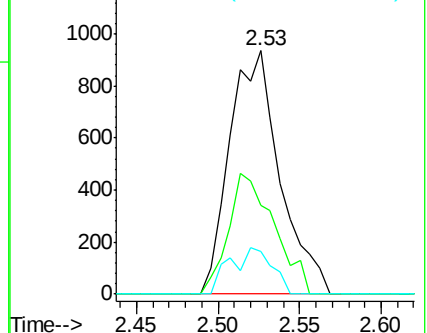
141 16.1 11.3 16.9

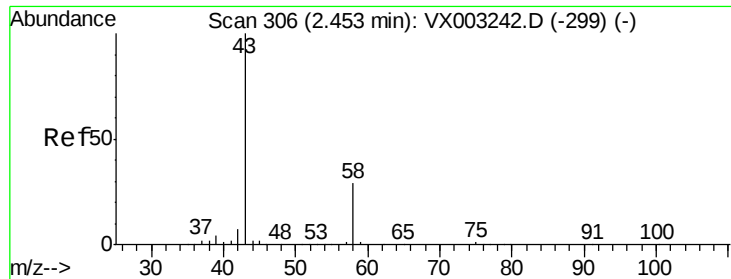


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 16.442 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003331.D

Acq: 11 Jul 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

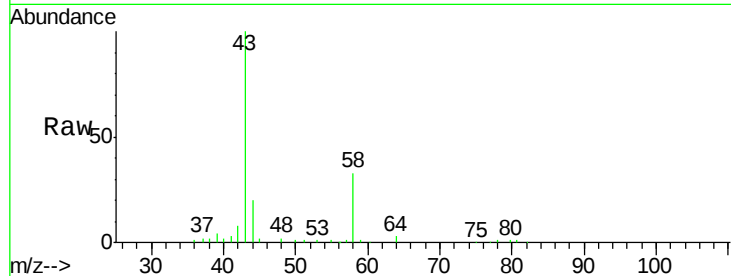
PB110983ZHE#05

Tot Ion: 43 Resp: 23042

Ion Ratio Lower Upper

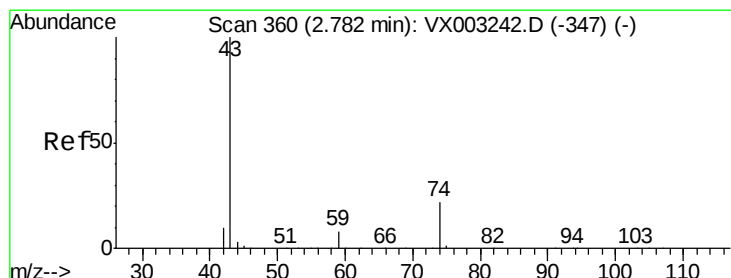
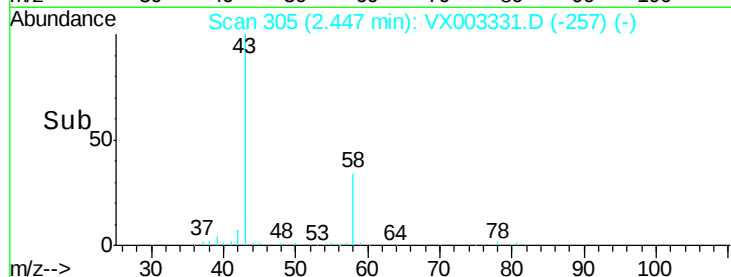
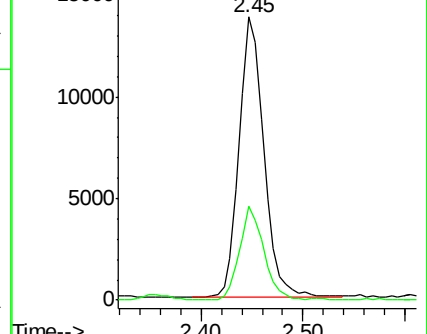
43 100

58 33.5 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: 7.226 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003331.D

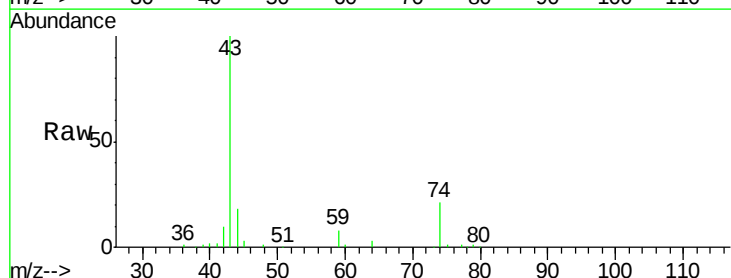
Acq: 11 Jul 2018 20:22

Tgt Ion: 43 Resp: 28566

Ion Ratio Lower Upper

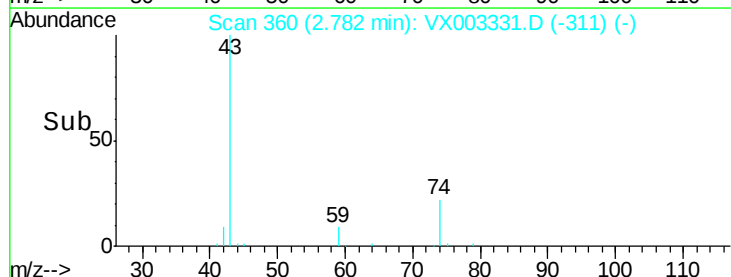
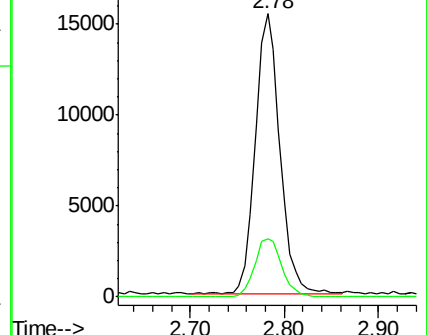
43 100

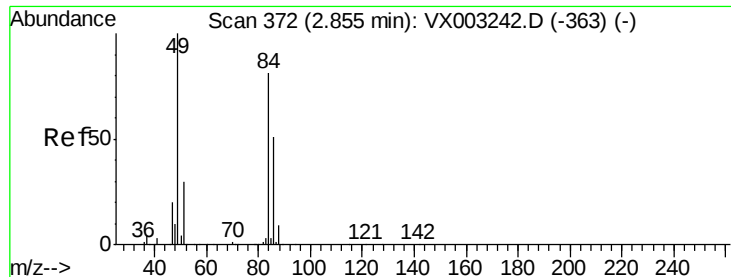
74 22.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

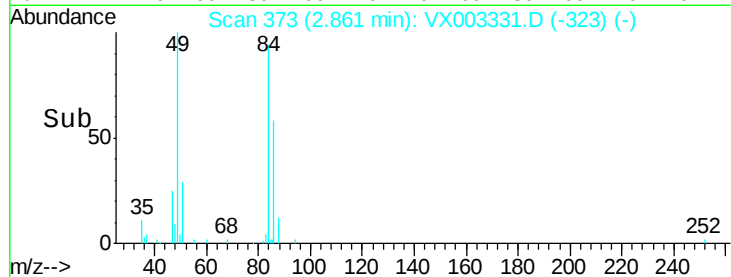
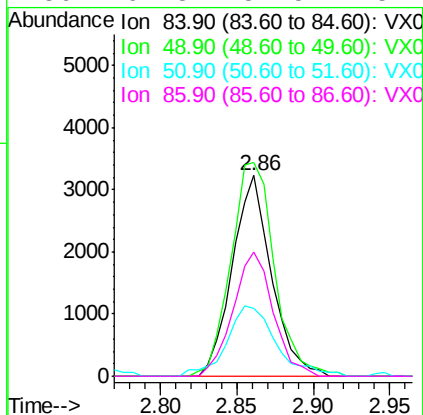
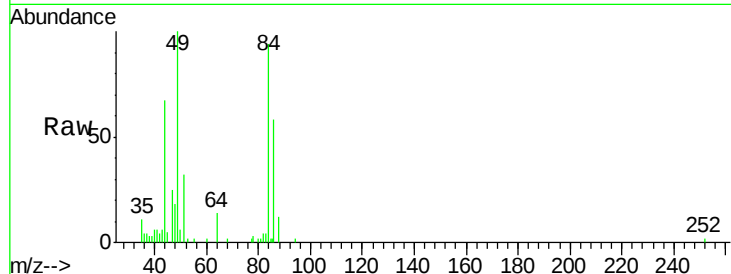




#20
Methvlene Chloride
Concen: 1.305 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003331.D
Acq: 11 Jul 2018 20:22

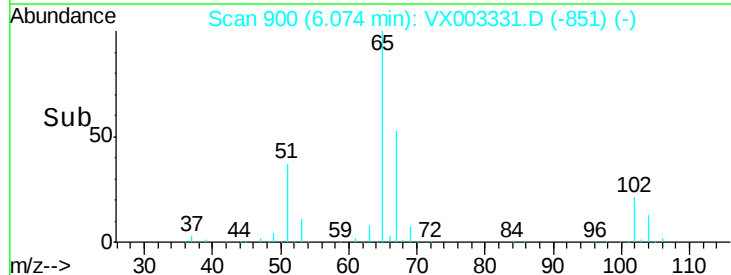
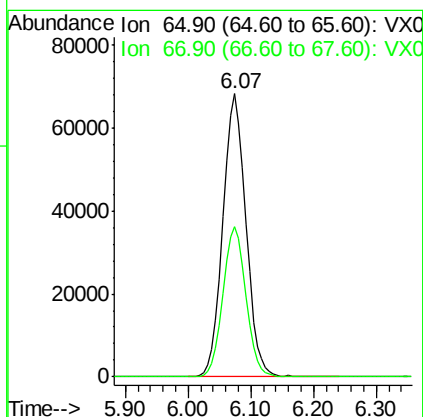
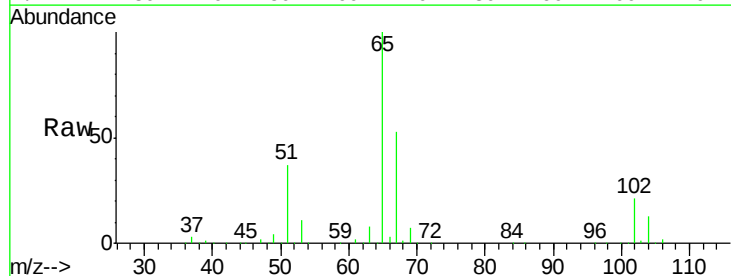
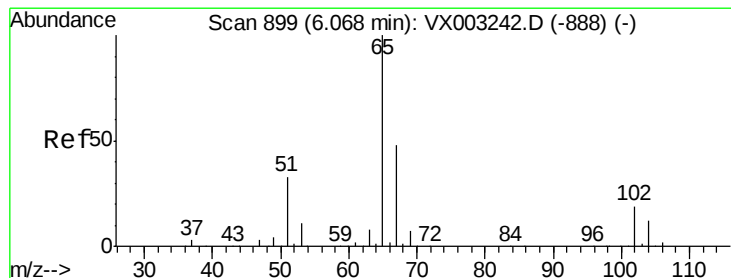
Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#05

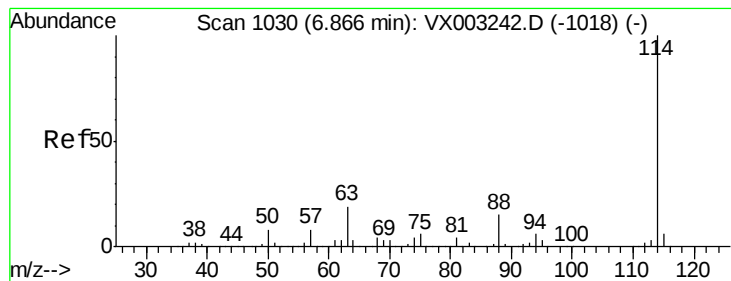
Tot Ion: 84 Resp: 5723
Ion Ratio Lower Upper
84 100
49 106.5 107.8 161.6#
51 31.4 32.8 49.2#
86 61.8 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 44.091 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003331.D
Acq: 11 Jul 2018 20:22

Tgt Ion: 65 Resp: 174043
Ion Ratio Lower Upper
65 100
67 52.8 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: VX003331.D

Acq: 11 Jul 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

PB110983ZHE#05

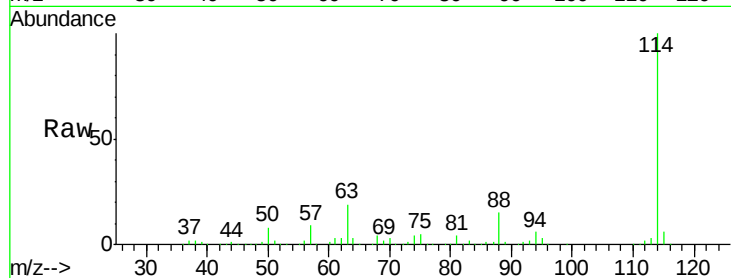
Tot Ion:114 Resp: 386877

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

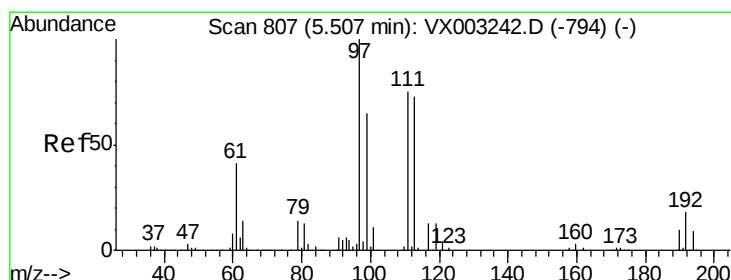
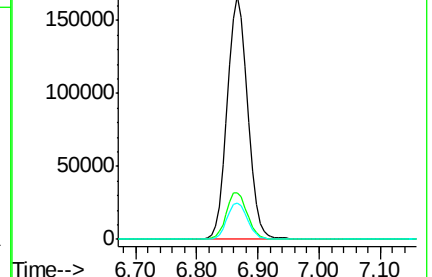
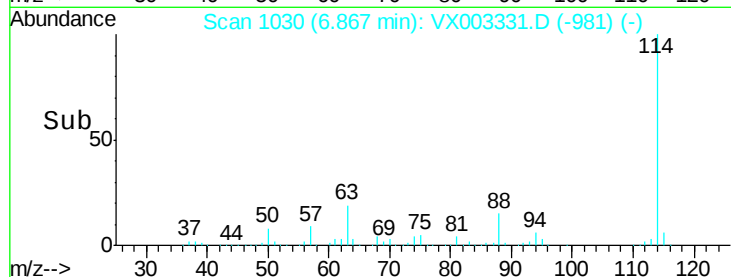
88 15.0 0.0 30.0



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: 35.027 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003331.D

Acq: 11 Jul 2018 20:22

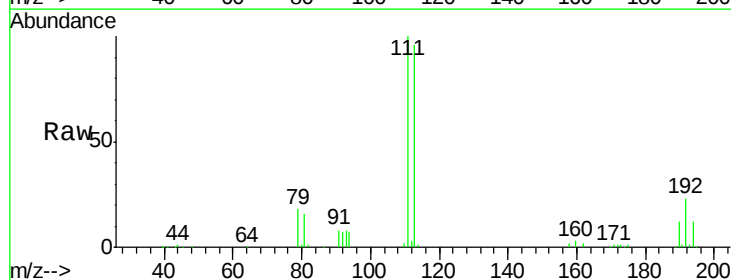
Tgt Ion:113 Resp: 145583

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

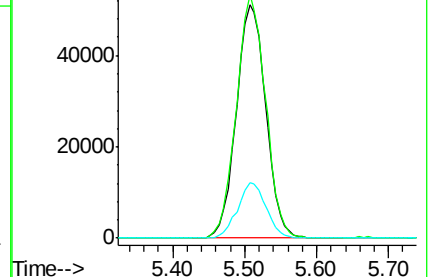
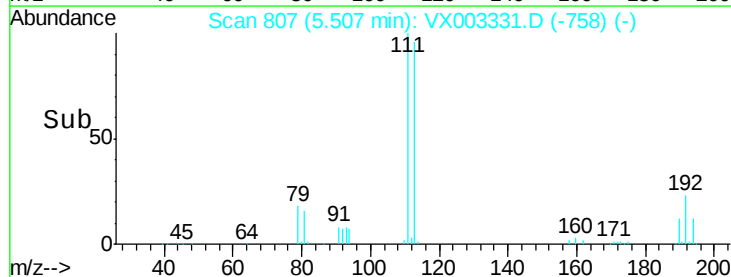
192 23.1 19.1 28.7

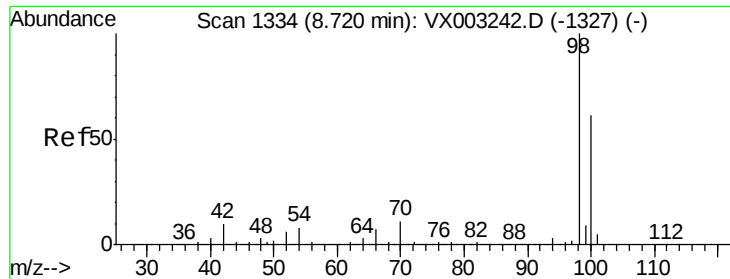


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 37.924 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003331.D

Acq: 11 Jul 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

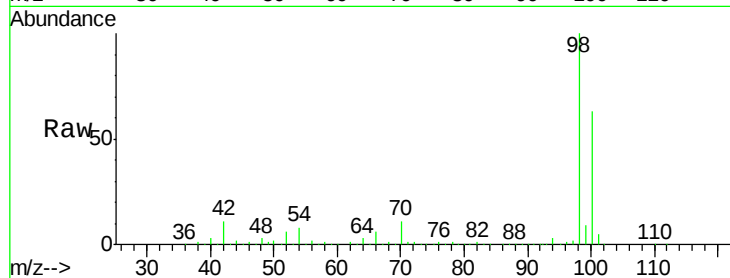
PB110983ZHE#05

Tot Ion: 98 Resp: 559877

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

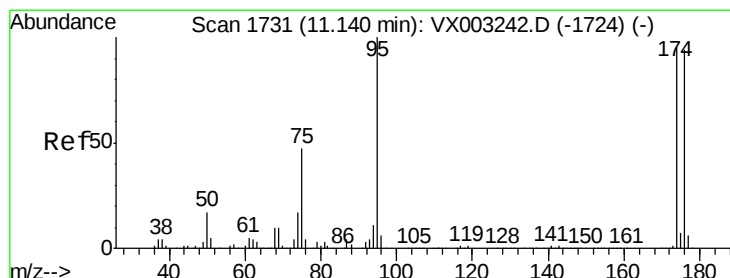
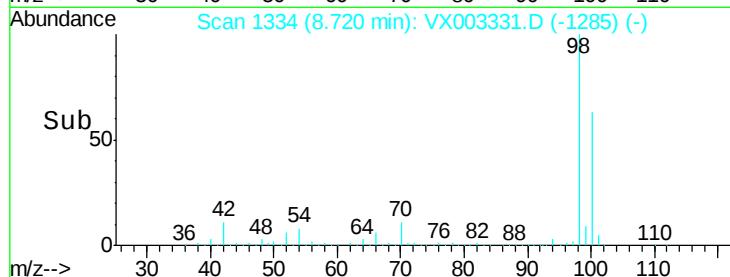
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.936 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003331.D

Acq: 11 Jul 2018 20:22

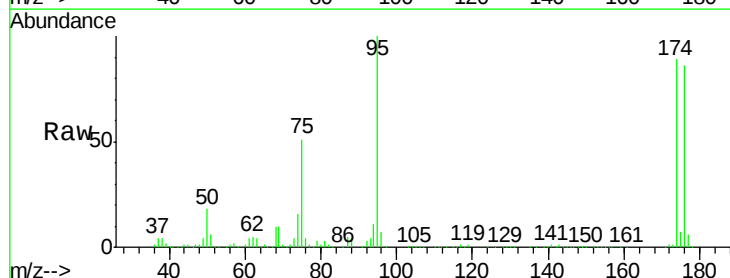
Tgt Ion: 95 Resp: 190581

Ion Ratio Lower Upper

95 100

174 93.1 0.0 187.4

176 89.8 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

200000

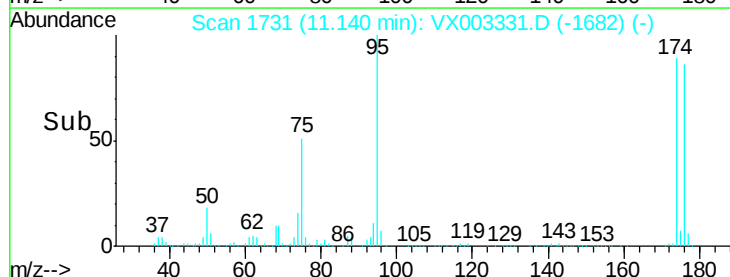
150000

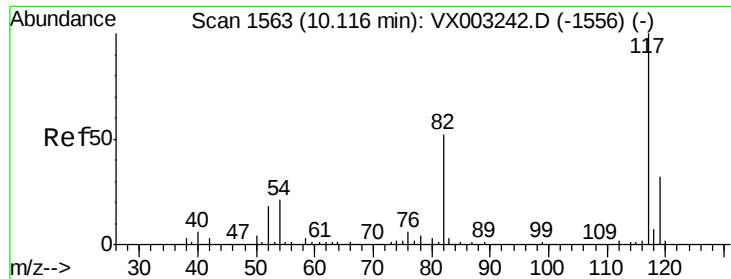
100000

50000

0

Time-->

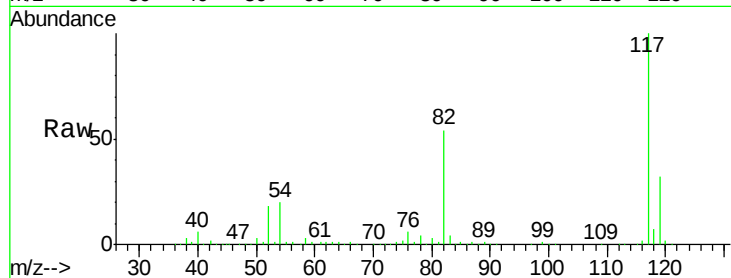




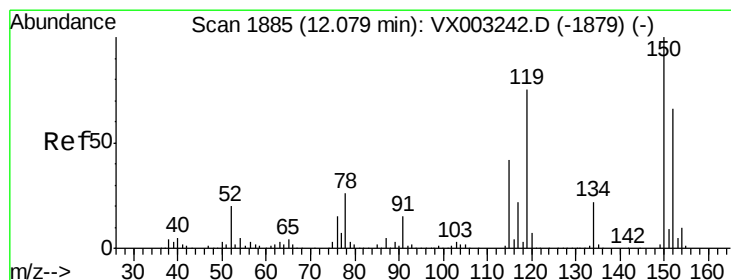
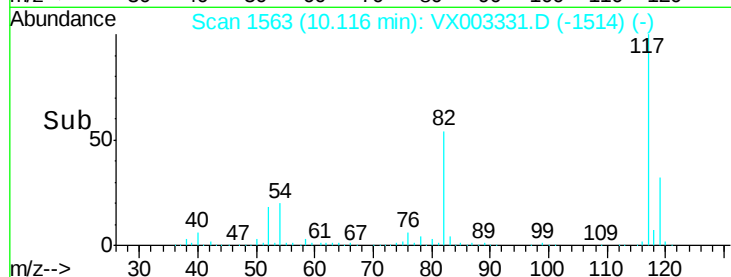
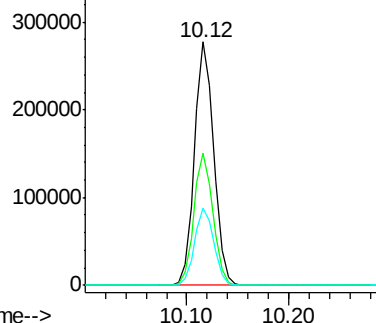
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003331.D
Acq: 11 Jul 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
PB110983ZHE#05

Tot Ion:117 Resp: 365213
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.0 25.8 38.6

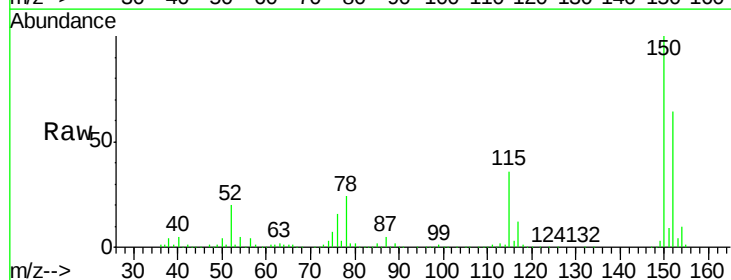


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003331.D
Acq: 11 Jul 2018 20:22

Tgt Ion:152 Resp: 196907
Ion Ratio Lower Upper
152 100
115 54.8 40.1 120.2
150 155.1 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

