

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002812.D
 Acq On : 22 Jun 2018 02:40
 Operator : JC/MD
 Sample : PB110441ZHE#15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#15

Quant Time: Jun 22 05:48:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

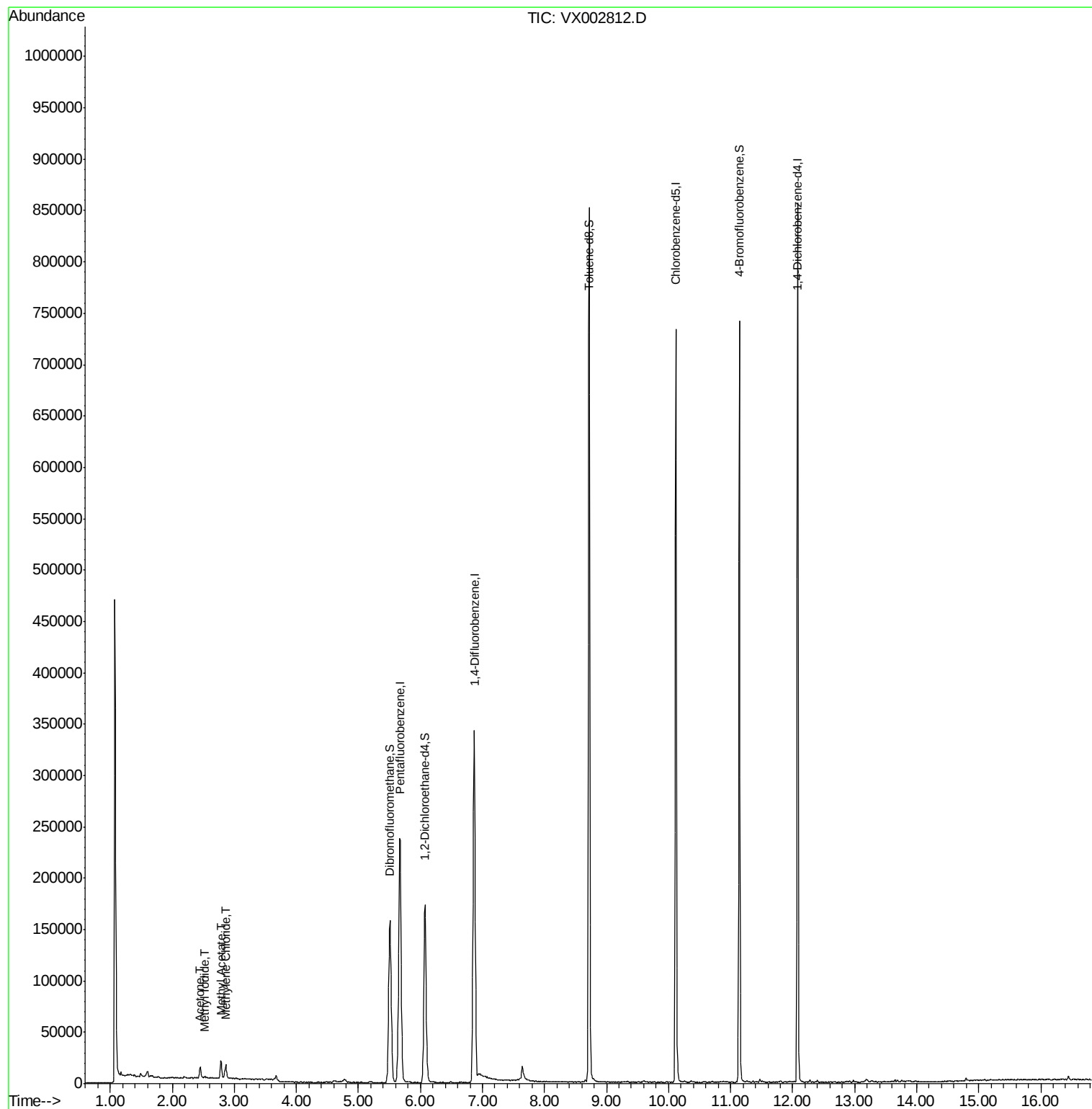
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165038	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
35) Dibromofluoromethane	5.51	113	130112	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	8.72	98	483668	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	11.14	95	167992	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
10) Methyl Iodide	2.52	142	1431	5.52	ug/l	98
16) Acetone	2.45	43	13317	8.34	ug/l	97
18) Methyl Acetate	2.78	43	21765	5.12	ug/l	97
20) Methylene Chloride	2.86	84	6119	1.87	ug/l	95

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002812.D

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MSVOA_X

ClientSampleId :

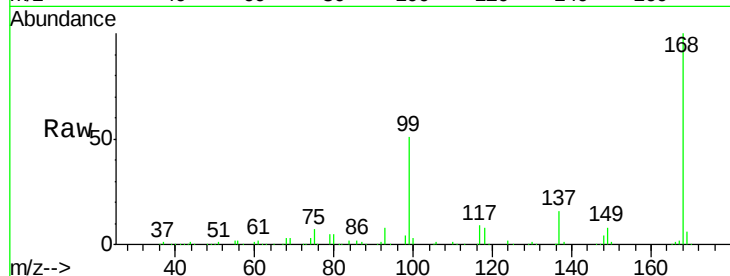
PB110441ZHE#15

Tot Ion:168 Resp: 238061

Ion Ratio Lower Upper

168 100

99 50.5 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

80000

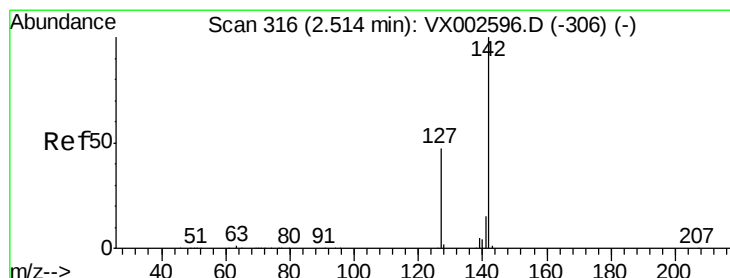
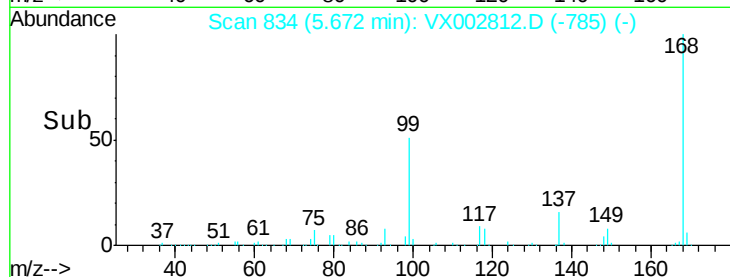
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 5.52 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

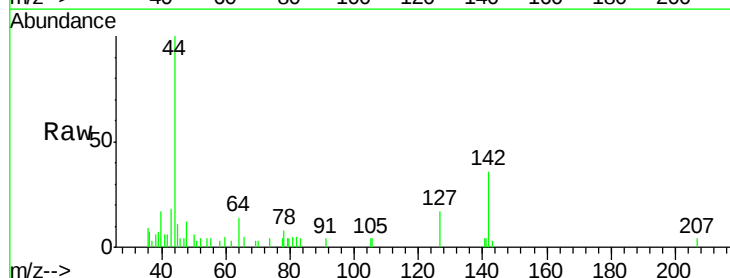
Tgt Ion:142 Resp: 1431

Ion Ratio Lower Upper

142 100

127 47.5 36.6 55.0

141 13.4 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

2.52

800

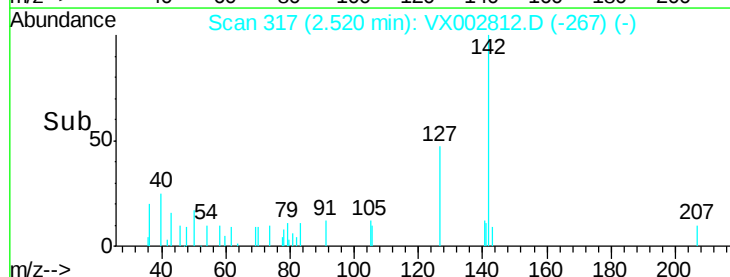
600

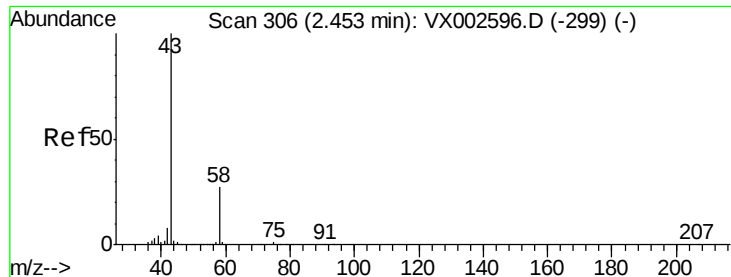
400

200

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 8.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

Instrument :

MSVOA_X

ClientSampleId :

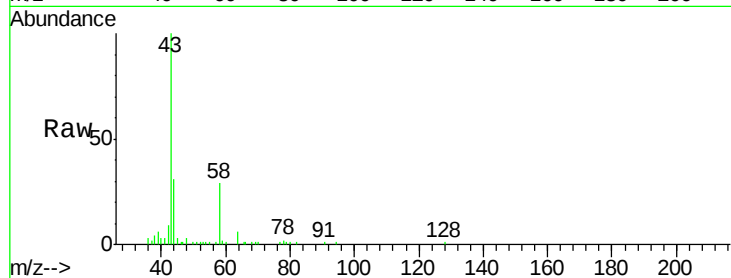
PB110441ZHE#15

Tot Ion: 43 Resp: 13317

Ion Ratio Lower Upper

43 100

58 29.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

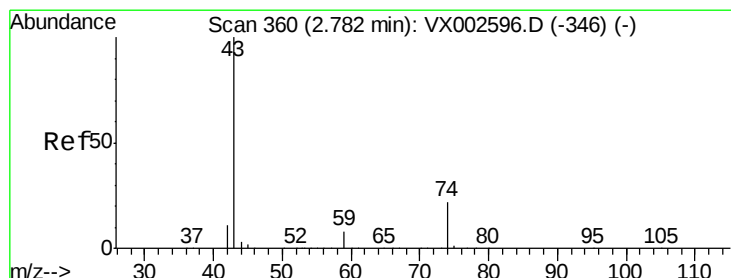
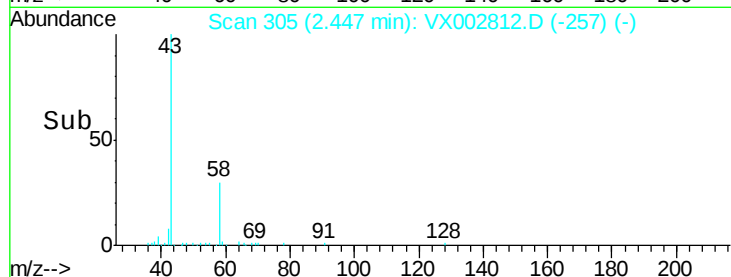
4000

2000

0

2.35 2.40 2.45 2.50 2.55

Time-->



#18

Methyl Acetate

Concen: 5.12 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002812.D

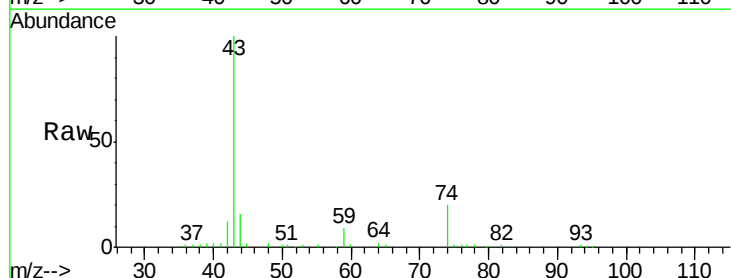
Acq: 22 Jun 2018 02:40

Tgt Ion: 43 Resp: 21765

Ion Ratio Lower Upper

43 100

74 22.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

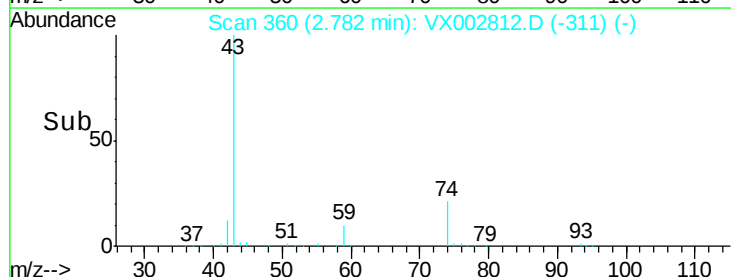
10000

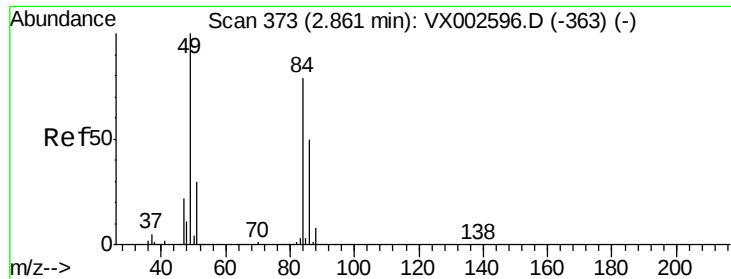
5000

0

2.70 2.75 2.80 2.85 2.90

Time-->





#20

Methylene Chloride

Concen: 1.87 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

Instrument :

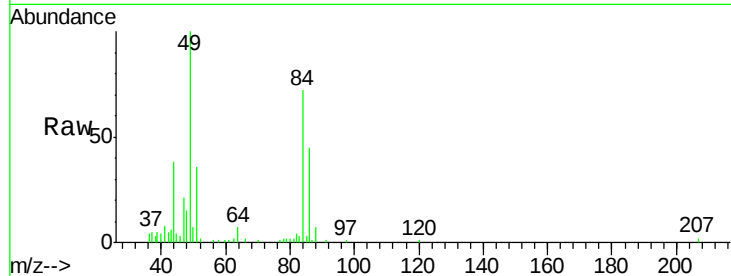
MSVOA_X

ClientSampleId :

PB110441ZHE#15

Tot Ion: 84 Resp: 6119

Ion	Ratio	Lower	Upper
84	100		
49	139.8	107.8	161.6
51	48.8	32.8	49.2
86	63.1	52.5	78.7

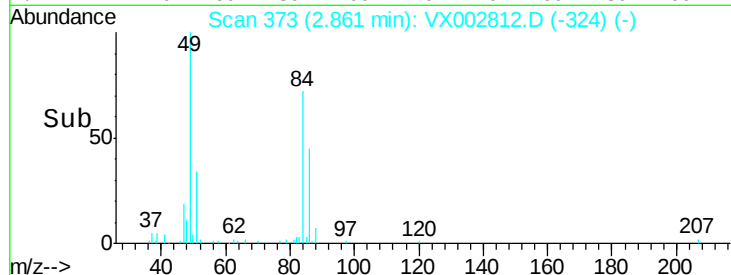


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



Time-->

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

4000

2000

0

2.80 2.85 2.90 2.95

2.86

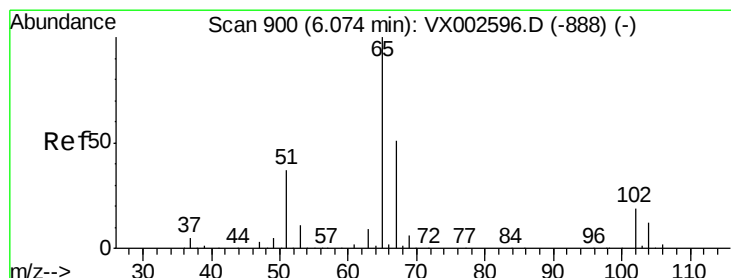
4000

2000

0

2.80 2.85 2.90 2.95

2.86



#33

1,2-Dichloroethane-d4

Concen: 45.62 ug/l

RT: 6.07 min Scan# 900

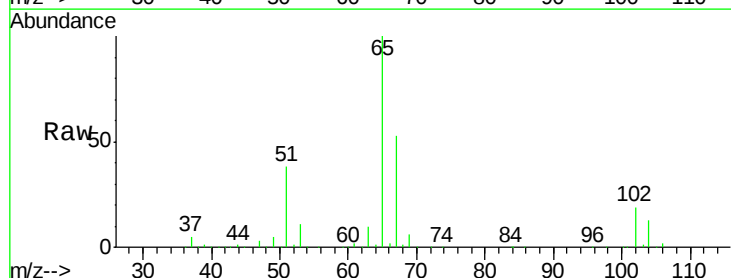
Delta R.T. 0.00 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

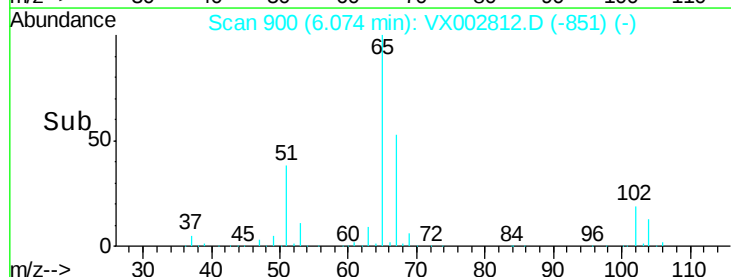
Tgt Ion: 65 Resp: 165038

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->

5.90 6.00 6.10 6.20

6.07

60000

40000

20000

0

5.90 6.00 6.10 6.20

6.07

60000

40000

20000

0

5.90 6.00 6.10 6.20

6.07

60000

40000

20000

0

5.90 6.00 6.10 6.20

6.07

60000

40000

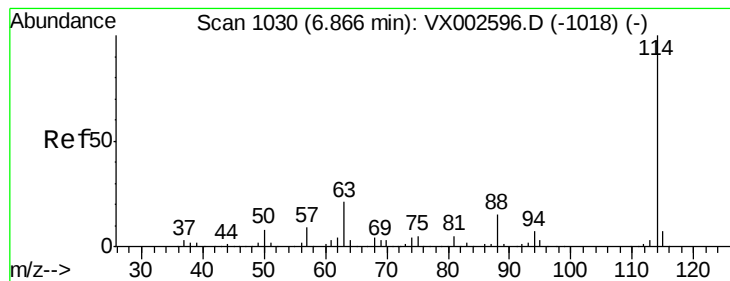
20000

0

5.90 6.00 6.10 6.20

6.07

60000



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

Instrument :

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ClientSampleId :

PB110441ZHE#15

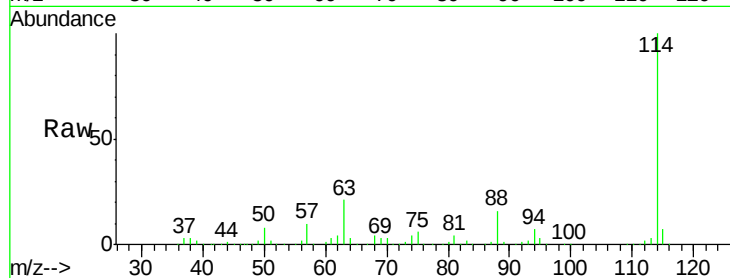
Tot Ion:114 Resp: 335822

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

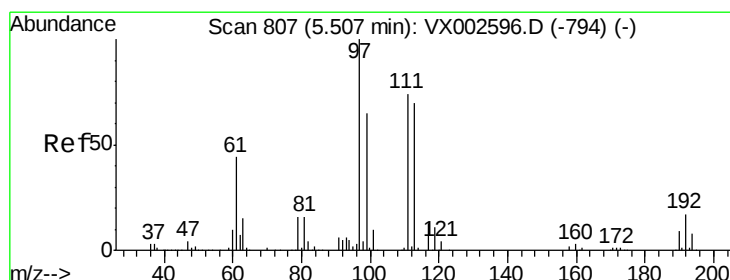
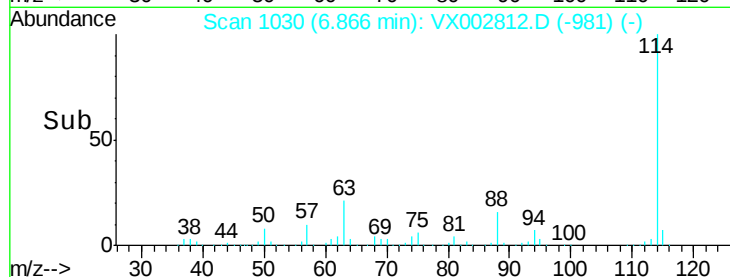
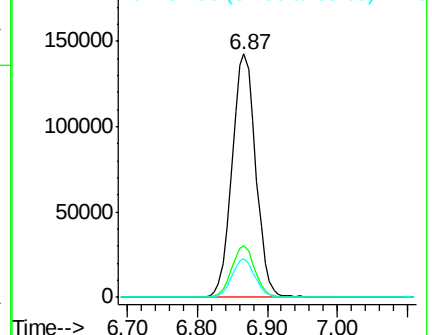
88 15.9 0.0 30.0



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: 48.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

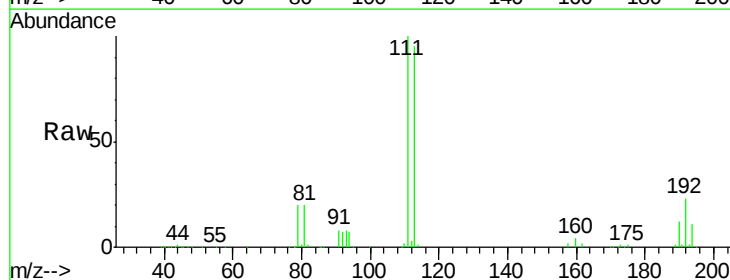
Tgt Ion:113 Resp: 130112

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

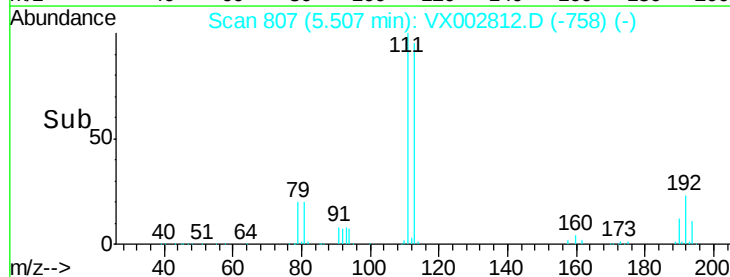
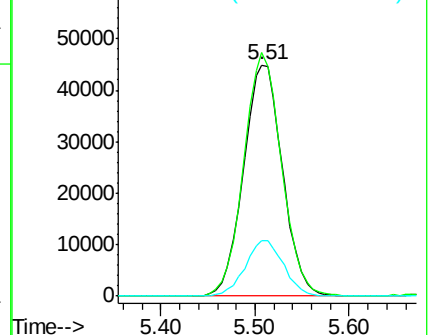
192 23.7 19.1 28.7

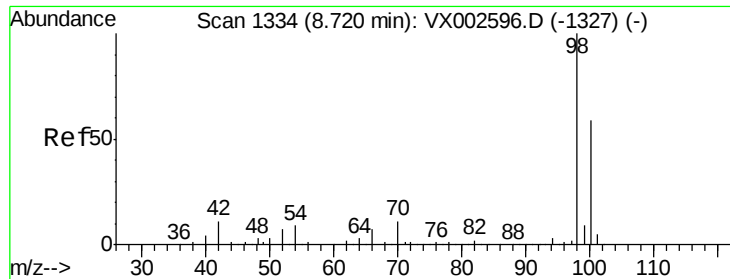


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.53 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

Instrument :

MSVOA_X

ClientSampleId :

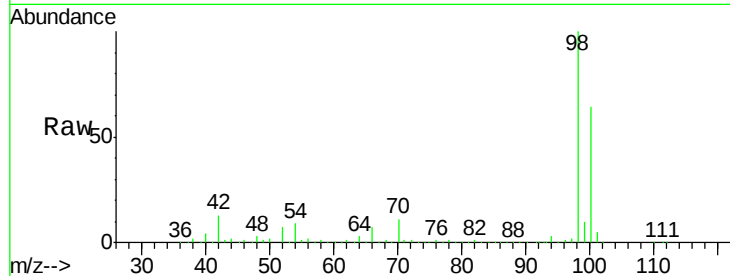
PB110441ZHE#15

Tot Ion: 98 Resp: 483668

Ion Ratio Lower Upper

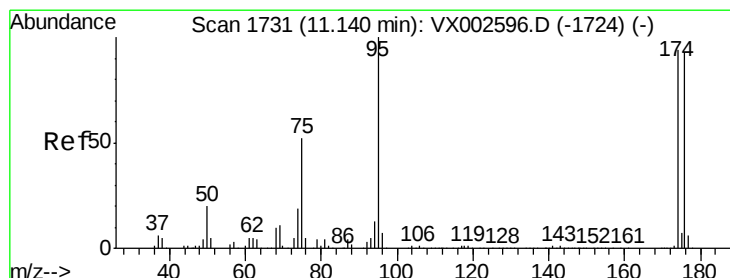
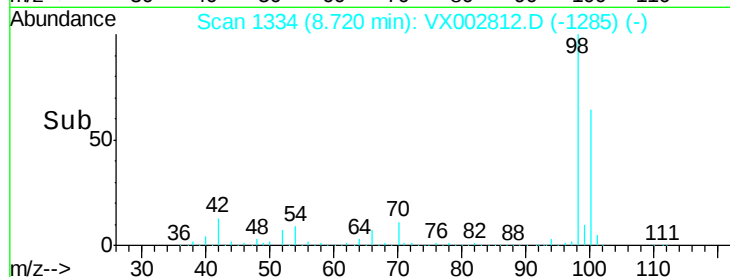
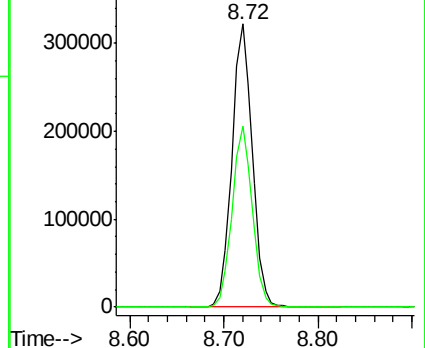
98 100

100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

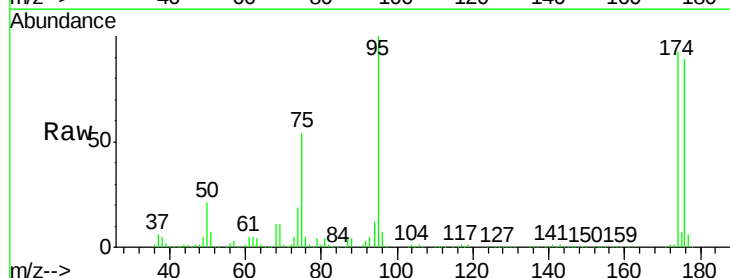
Tgt Ion: 95 Resp: 167992

Ion Ratio Lower Upper

95 100

174 98.5 0.0 187.4

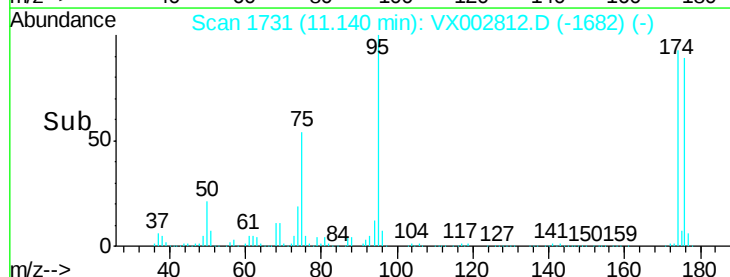
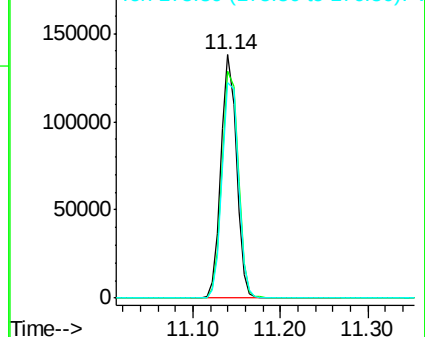
176 94.1 0.0 181.0

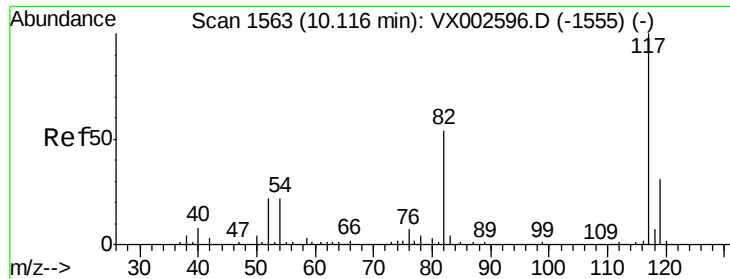


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

Instrument :

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PB110441ZHE#15

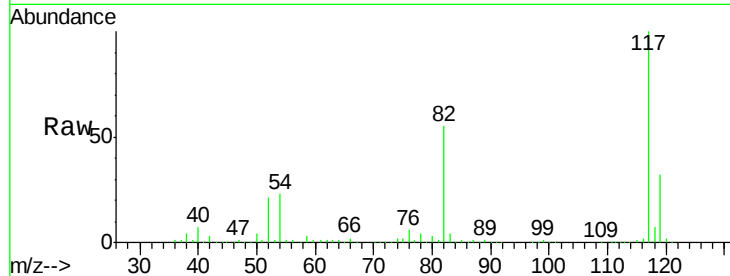
Tot Ion:117 Resp: 318247

Ion Ratio Lower Upper

117 100

82 55.0 45.0 67.4

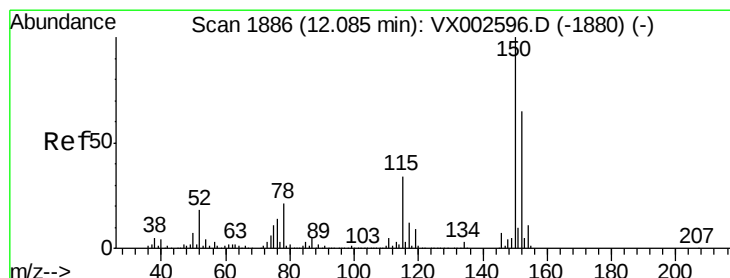
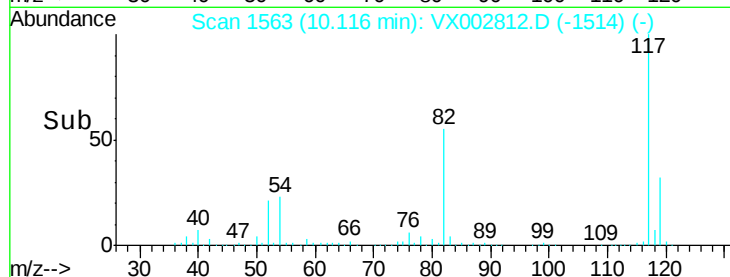
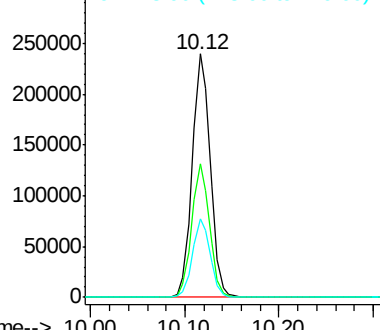
119 32.0 25.8 38.6



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002812.D

Acq: 22 Jun 2018 02:40

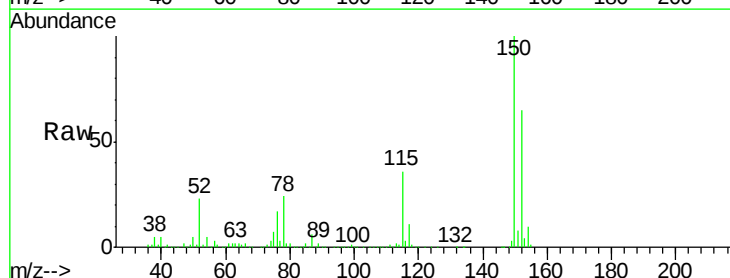
Tgt Ion:152 Resp: 180457

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

150 154.9 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

