

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002825.D
 Acq On : 22 Jun 2018 08:24
 Operator : JC/MD
 Sample : PB110441ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#10

Quant Time: Jun 22 09:39:54 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	250250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	350803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188657	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	171113	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
35) Dibromofluoromethane	5.51	113	133830	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	8.72	98	502601	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.14	95	178277	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	

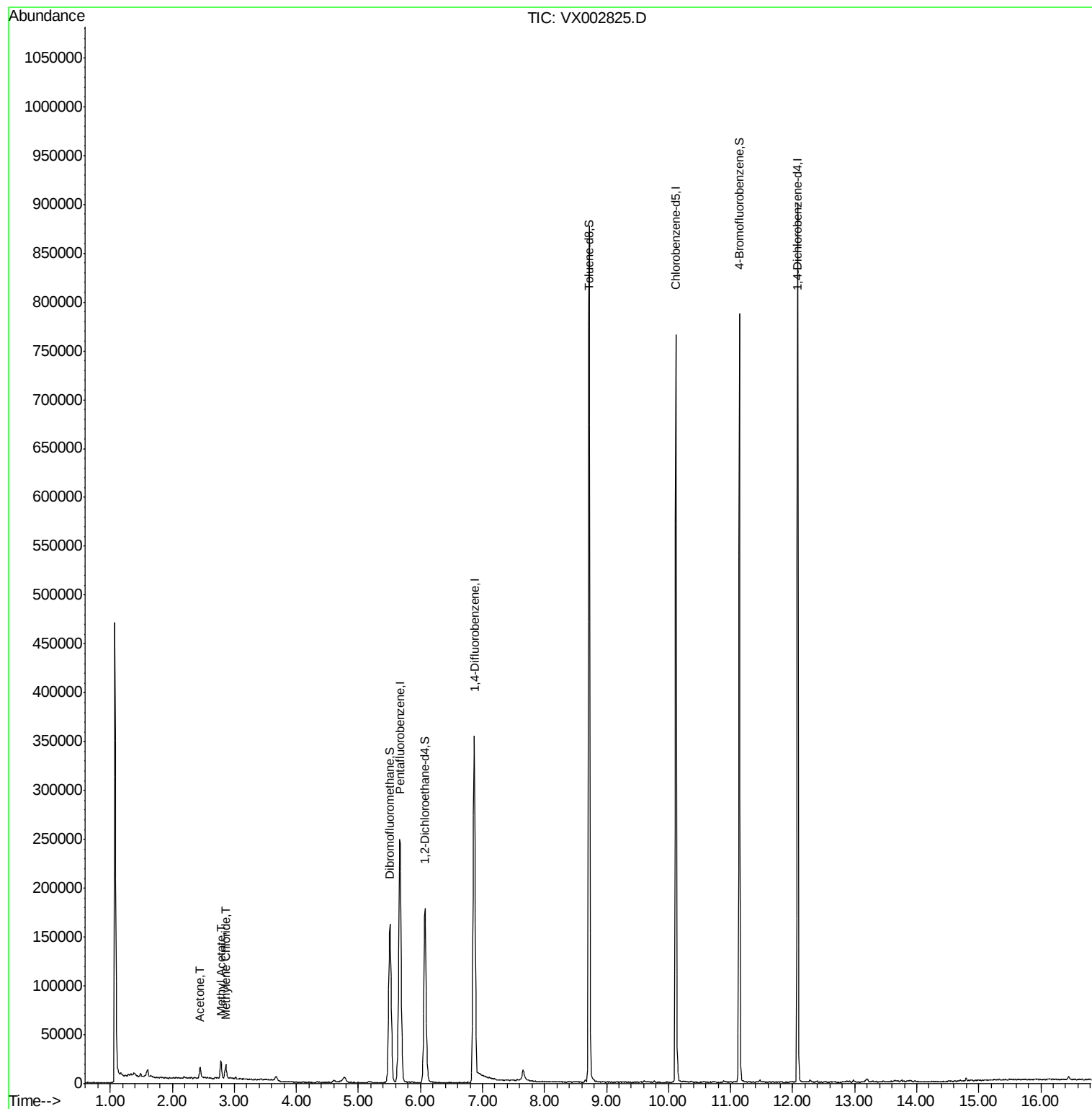
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	12986	7.74	ug/l	100
18) Methyl Acetate	2.78	43	22261	4.98	ug/l	94
20) Methylene Chloride	2.86	84	6435	1.87	ug/l	94

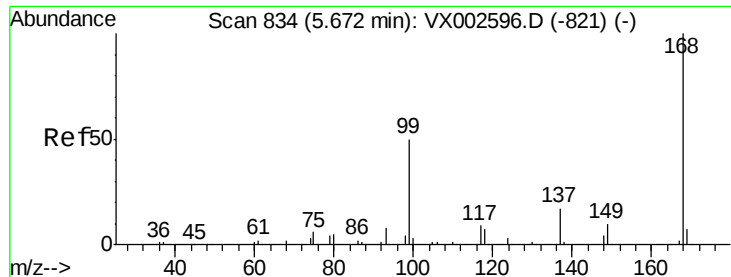
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
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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: VX002825.D

Acq: 22 Jun 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

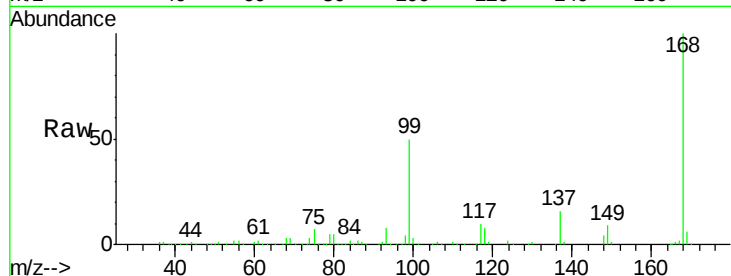
PB110441ZHE#10

Tot Ion:168 Resp: 250250

Ion Ratio Lower Upper

168 100

99 50.1 39.3 58.9

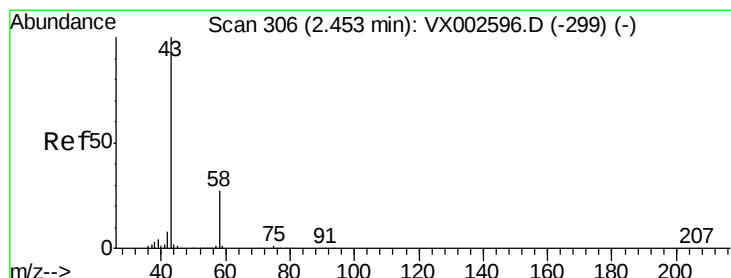
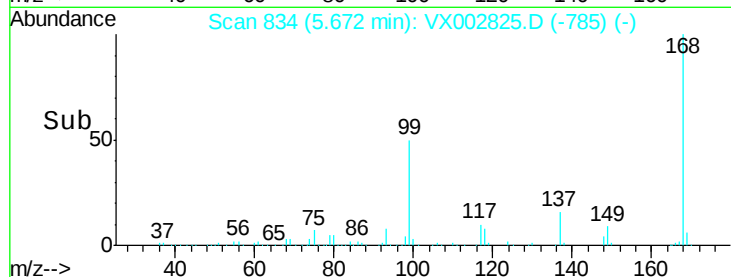


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.74 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002825.D

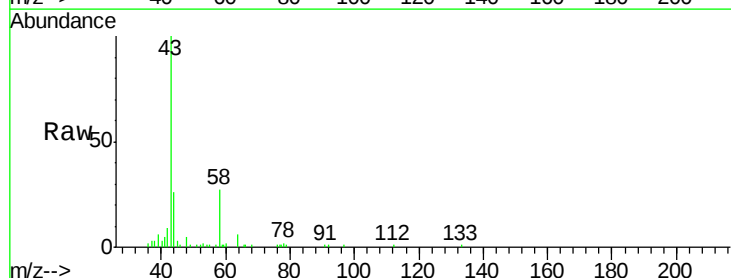
Acq: 22 Jun 2018 08:24

Tgt Ion: 43 Resp: 12986

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1

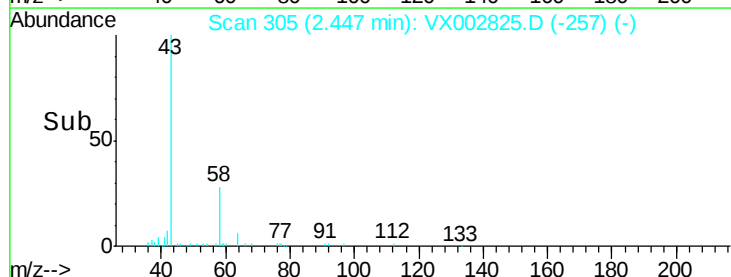


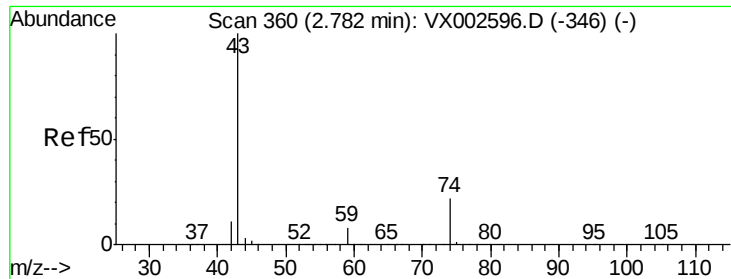
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

Time--> 2.35 2.40 2.45 2.50 2.55

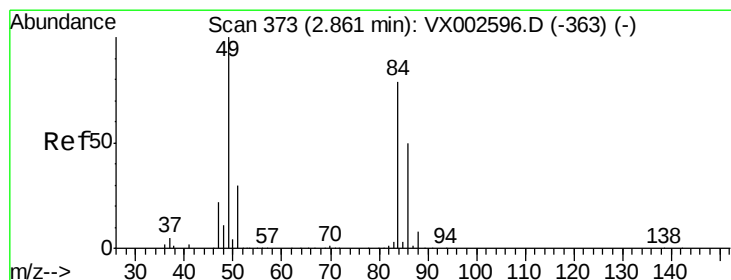
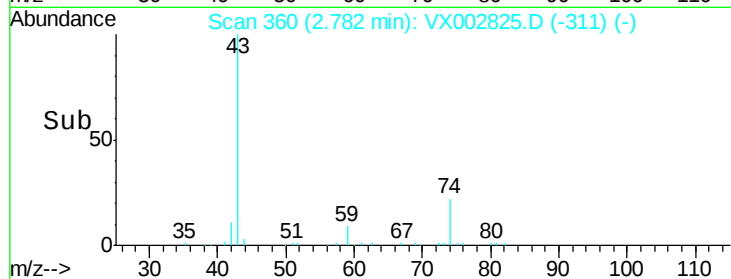
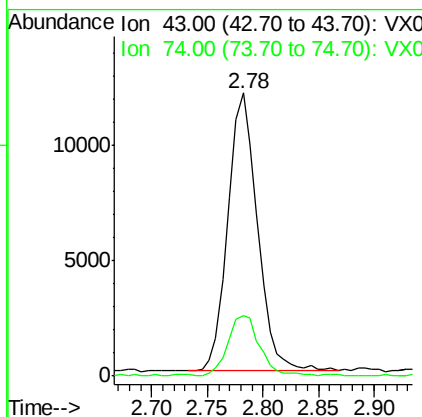
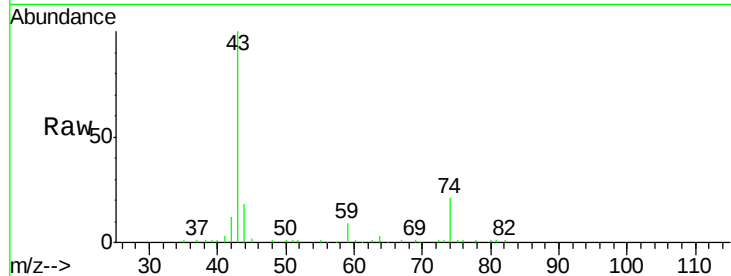




#18
Methvl Acetate
Concen: 4.98 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002825.D
Acq: 22 Jun 2018 08:24

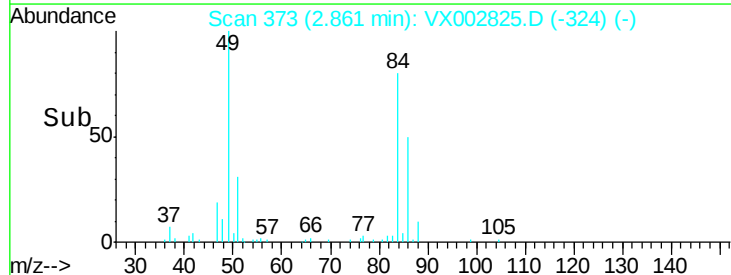
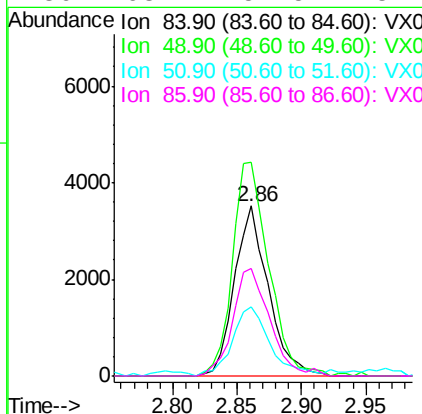
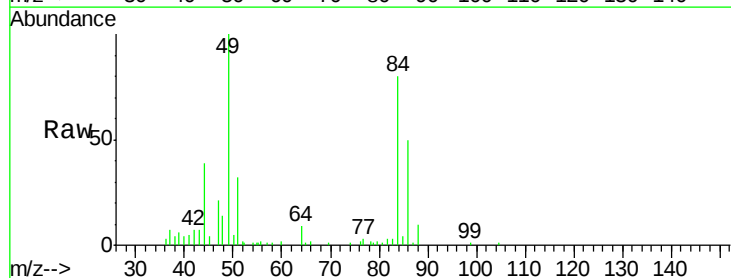
Instrument :
MSVOA_X
ClientSampleId :
PB110441ZHE#10

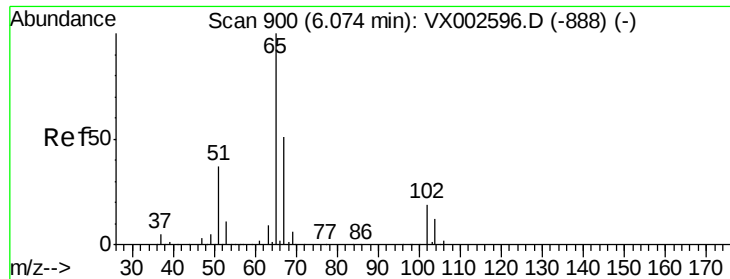
Tot Ion: 43 Resp: 22261
Ion Ratio Lower Upper
43 100
74 23.5 16.7 25.1



#20
Methylene Chloride
Concen: 1.87 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002825.D
Acq: 22 Jun 2018 08:24

Tgt Ion: 84 Resp: 6435
Ion Ratio Lower Upper
84 100
49 125.6 107.8 161.6
51 38.9 32.8 49.2
86 63.2 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 45.00 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002825.D

Acq: 22 Jun 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

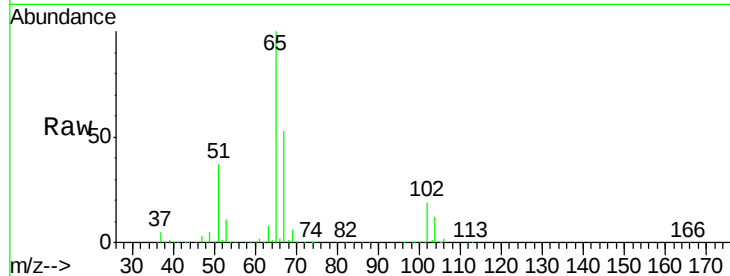
PB110441ZHE#10

Tot Ion: 65 Resp: 171113

Ion Ratio Lower Upper

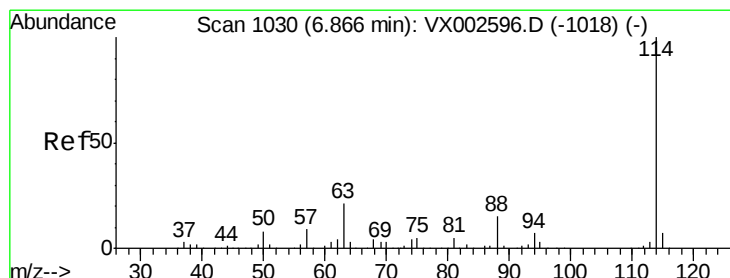
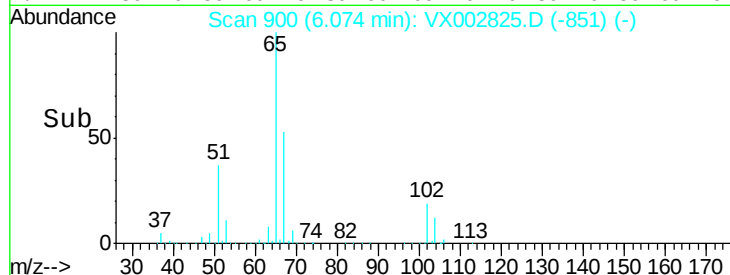
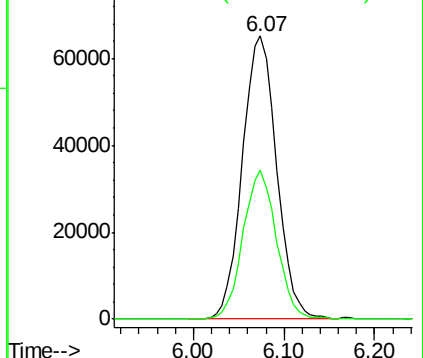
65 100

67 51.2 0.0 102.6



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: VX002825.D

Acq: 22 Jun 2018 08:24

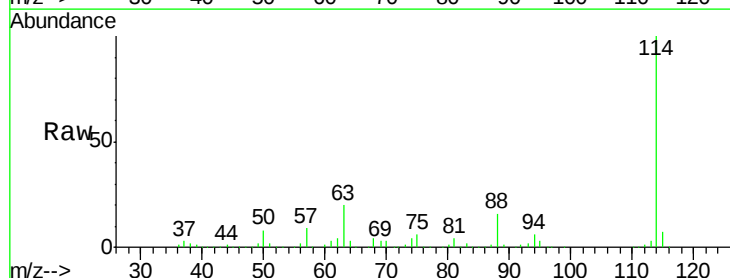
Tgt Ion: 114 Resp: 350803

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

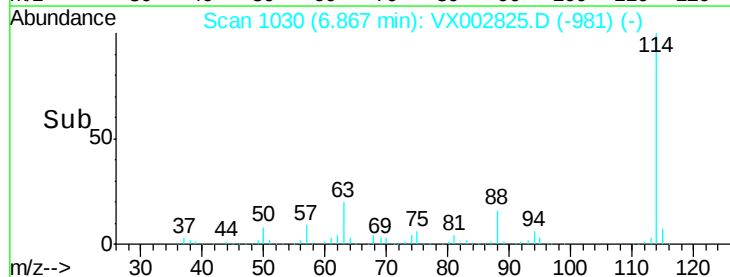
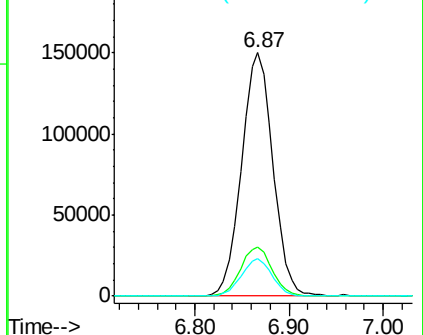
88 15.6 0.0 30.0

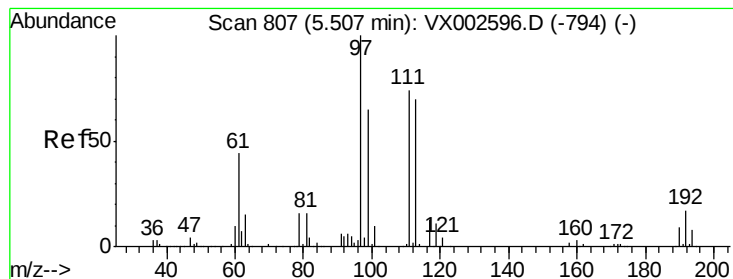


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.80 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002825.D

Acq: 22 Jun 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#10

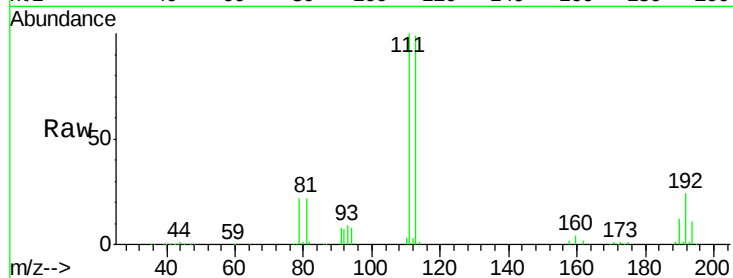
Tot Ion:113 Resp: 133830

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

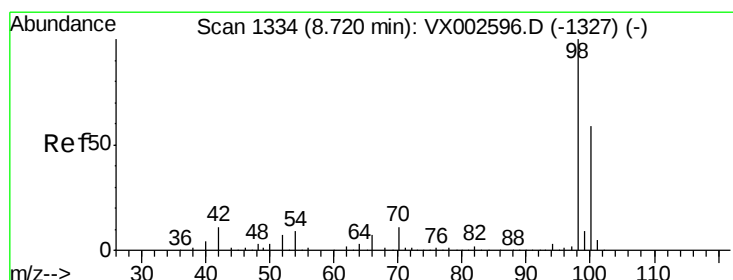
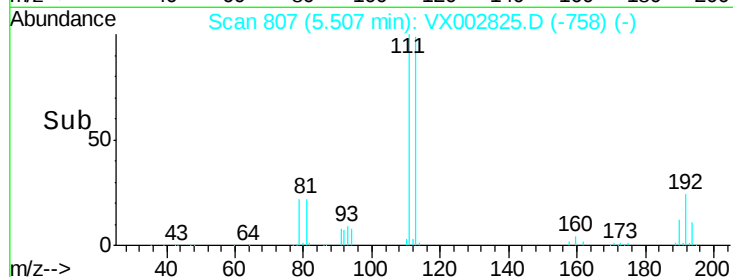
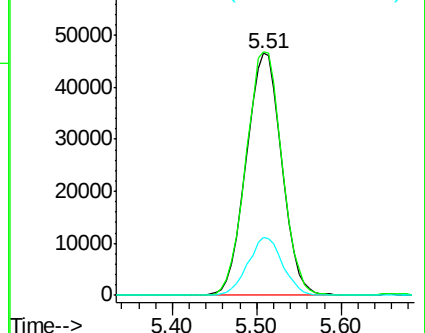
192 23.7 19.1 28.7



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: 47.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002825.D

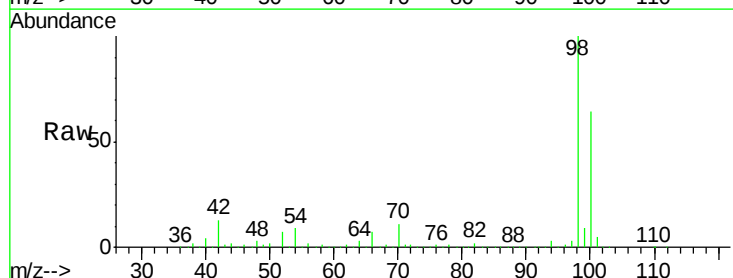
Acq: 22 Jun 2018 08:24

Tgt Ion: 98 Resp: 502601

Ion Ratio Lower Upper

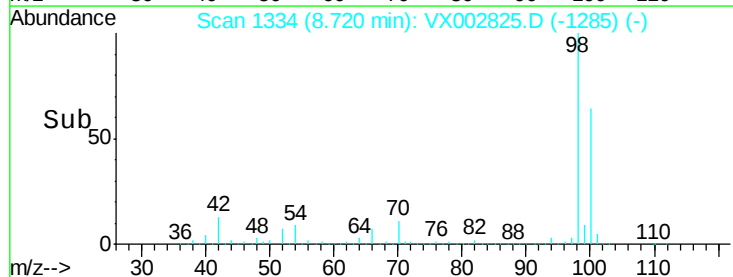
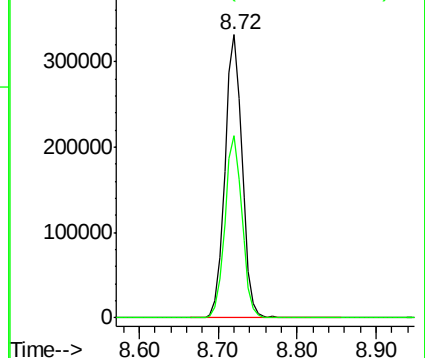
98 100

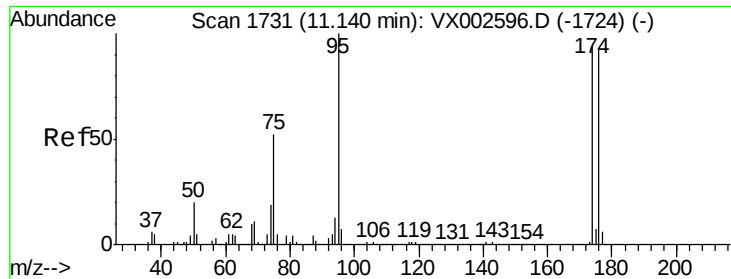
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002825.D

Acq: 22 Jun 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#10

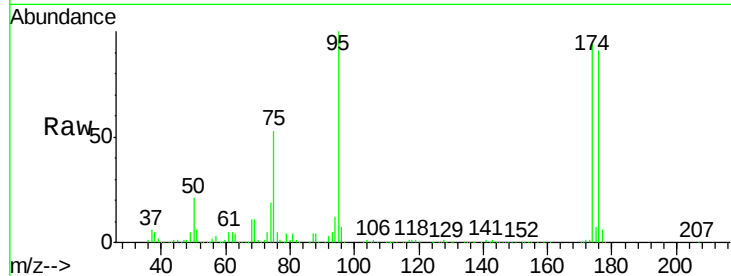
Tot Ion: 95 Resp: 178277

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.4

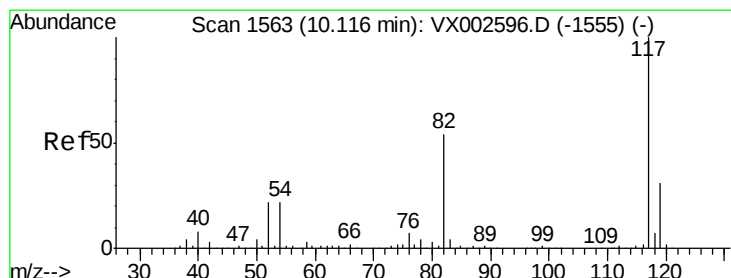
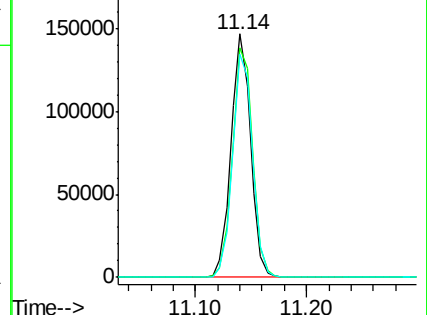
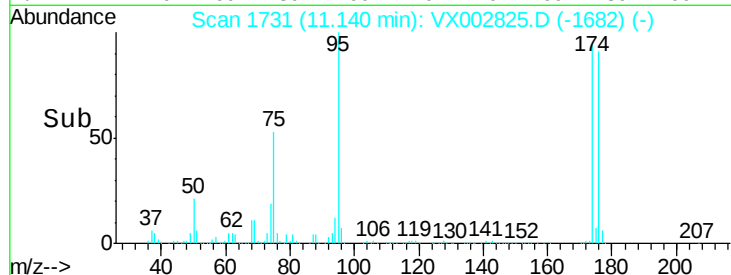
176 93.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002825.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002825.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002825.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002825.D

Acq: 22 Jun 2018 08:24

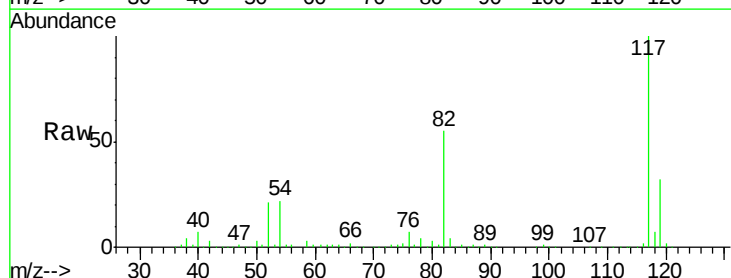
Tgt Ion: 117 Resp: 332536

Ion Ratio Lower Upper

117 100

82 54.7 45.0 67.4

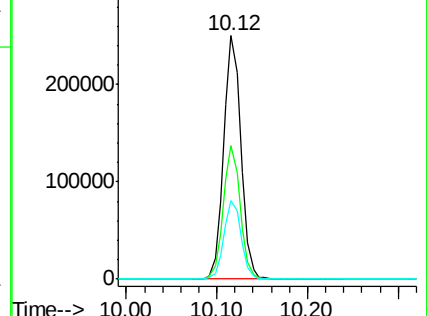
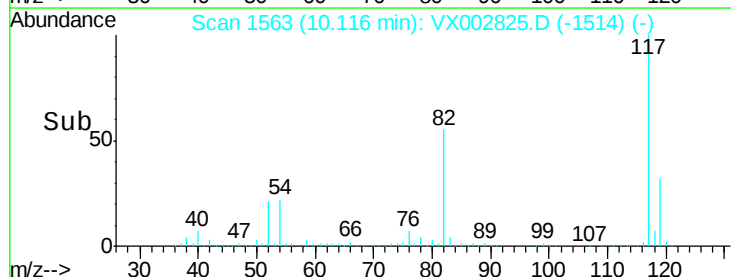
119 32.2 25.8 38.6

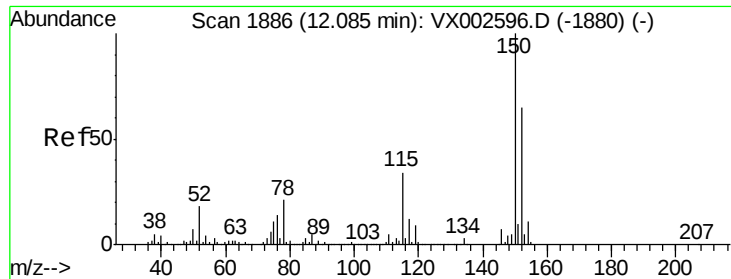


Abundance Ion 116.90 (116.60 to 117.60): VX002825.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002825.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002825.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002825.D

Acq: 22 Jun 2018 08:24

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#10

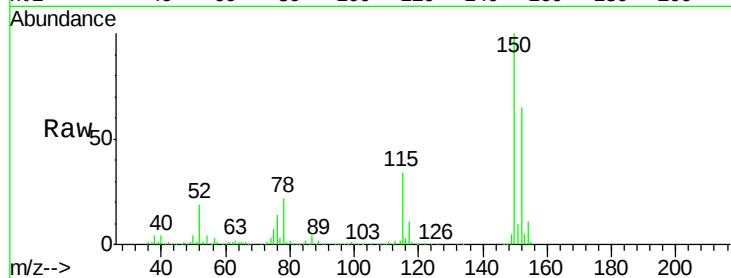
Tot Ion:152 Resp: 188657

Ion Ratio Lower Upper

152 100

115 54.6 40.1 120.2

150 156.5 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

