

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002939.D
 Acq On : 27 Jun 2018 16:30
 Operator : JC/MD
 Sample : J3707-06 20X
 Misc : 5.60g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB488-31-33-180622

Quant Time: Jul 06 17:29:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

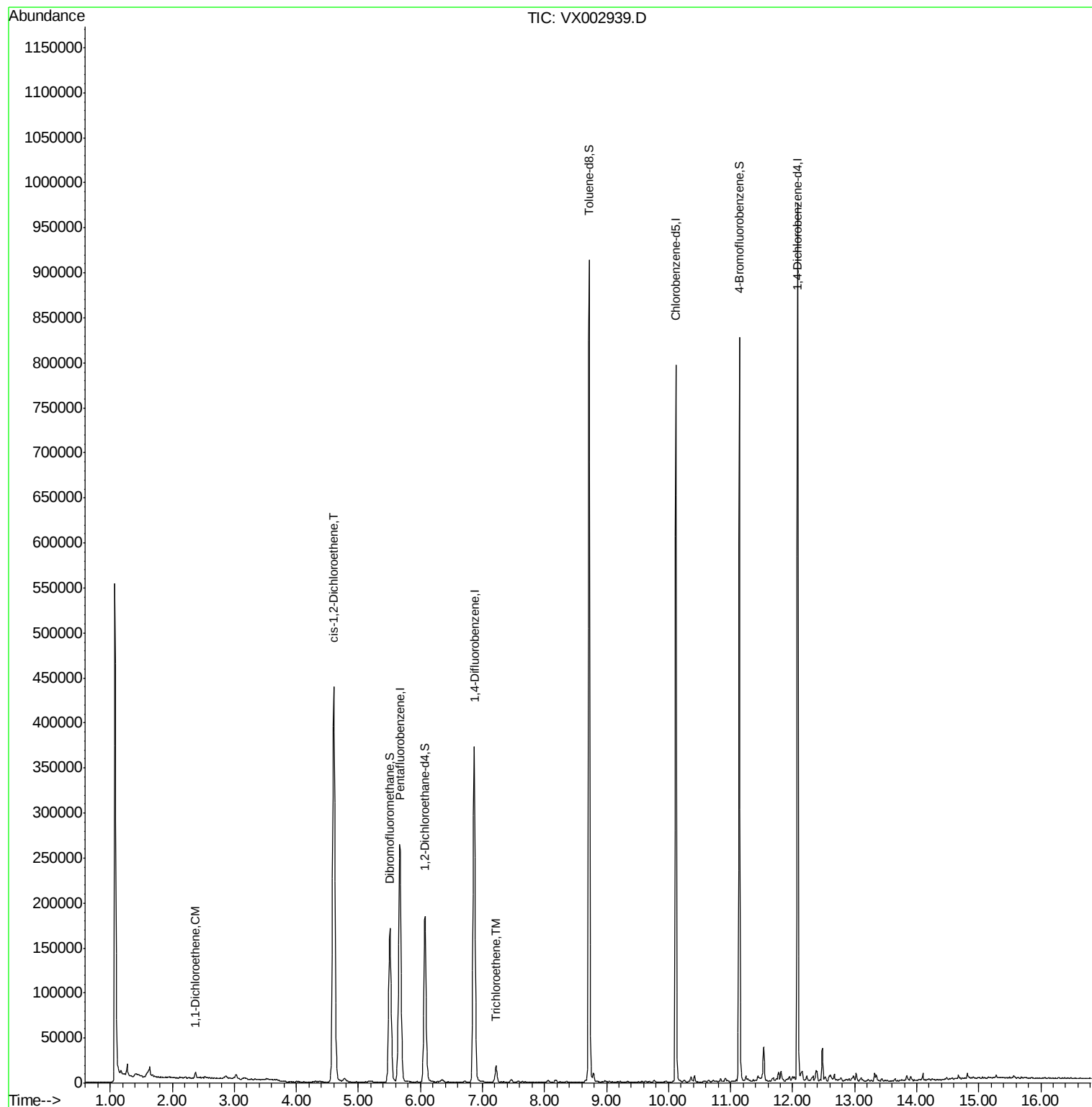
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178701	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	5.51	113	138969	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	8.72	98	526026	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.14	95	190083	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	2083	0.80	ug/l	# 76
27) cis-1,2-Dichloroethene	4.60	96	279085	87.33	ug/l	84
44) Trichloroethene	7.22	130	6901	1.95	ug/l	100

(#) = 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# 833

Delta R.T. -0.00 min

Lab File: VX002939.D

Acq: 27 Jun 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

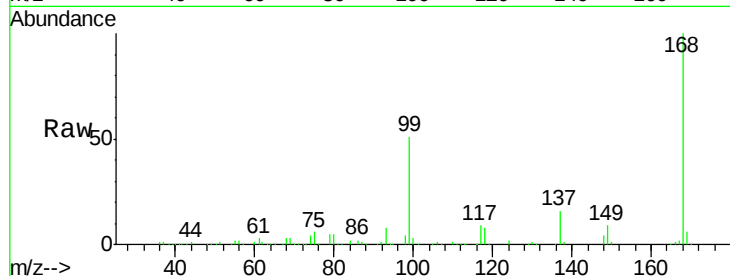
WP021SB488-31-33-180622

Tot Ion:168 Resp: 265353

Ion Ratio Lower Upper

168 100

99 50.8 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

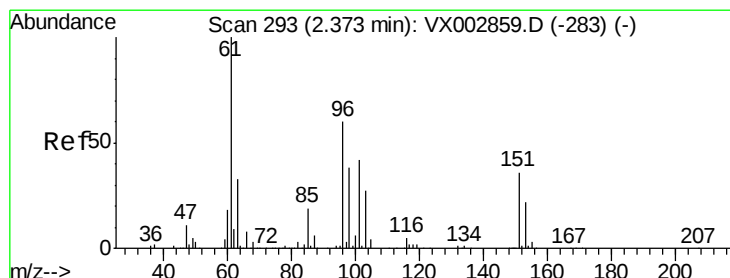
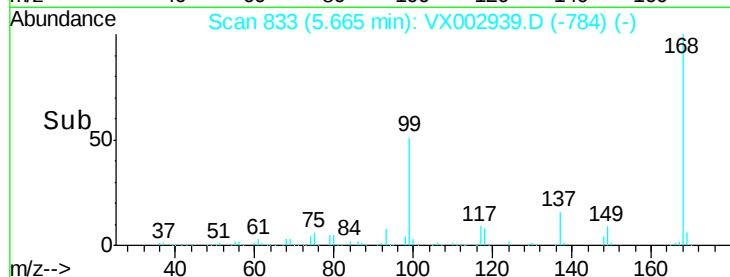
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.80 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002939.D

Acq: 27 Jun 2018 16:30

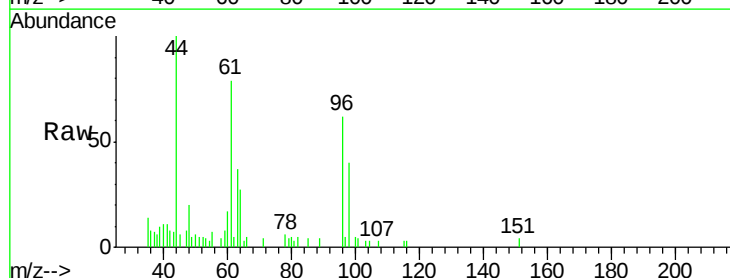
Tgt Ion: 96 Resp: 2083

Ion Ratio Lower Upper

96 100

61 128.1 137.9 206.9#

98 65.1 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2500

2000

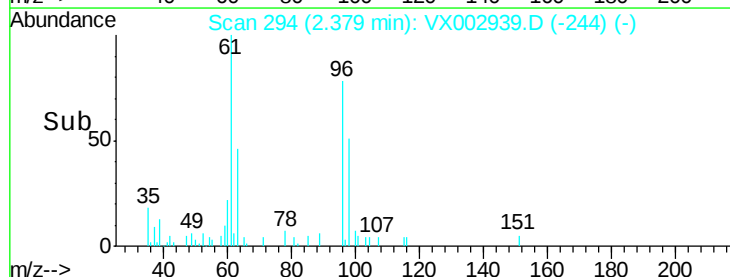
1500

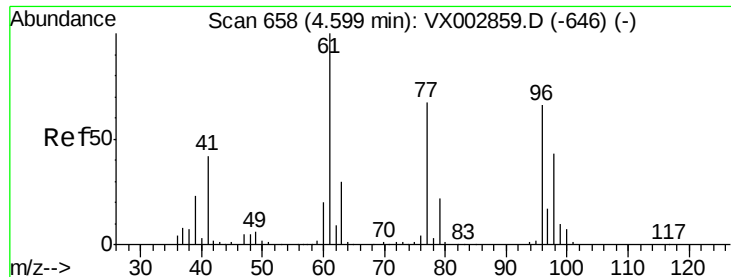
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#27

cis-1,2-Dichloroethene

Concen: 87.33 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002939.D

Acq: 27 Jun 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

WP021SB488-31-33-180622

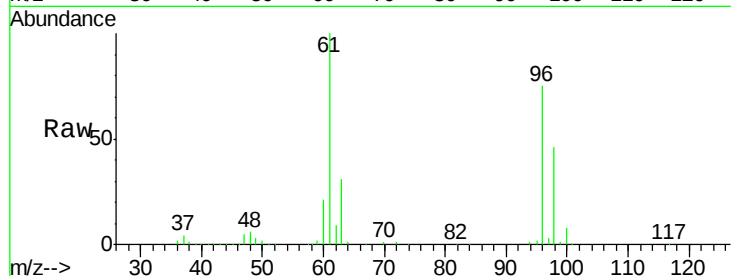
Tot Ion: 96 Resp: 279085

Ion Ratio Lower Upper

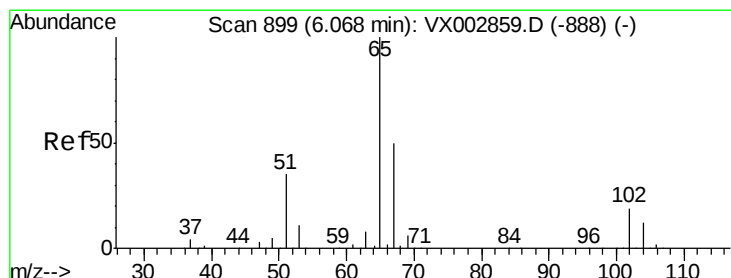
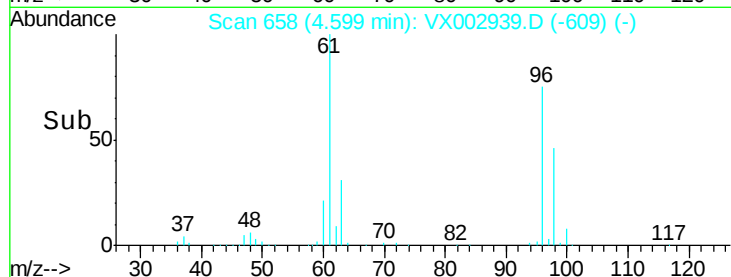
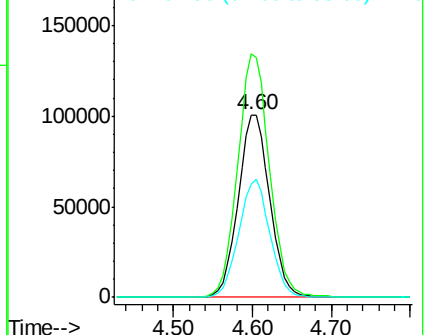
96 100

61 135.1 0.0 330.2

98 64.2 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.72 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002939.D

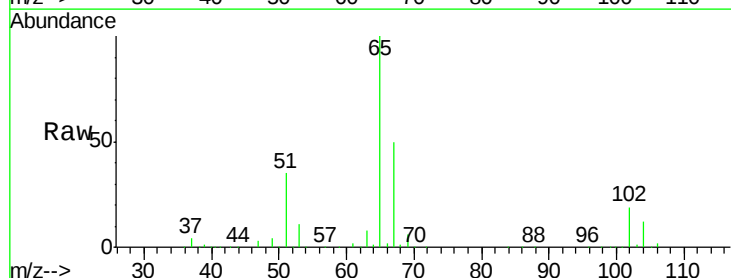
Acq: 27 Jun 2018 16:30

Tgt Ion: 65 Resp: 178701

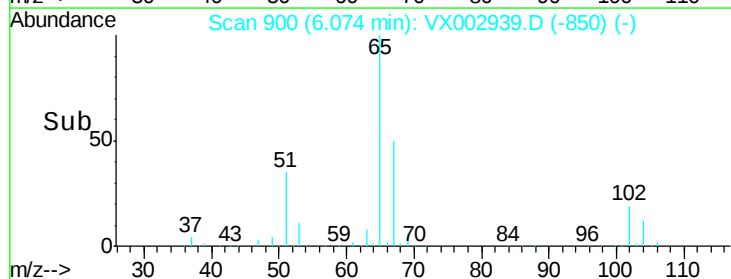
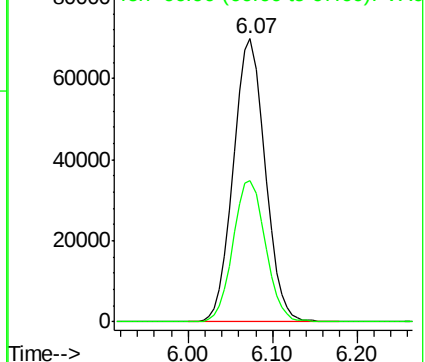
Ion Ratio Lower Upper

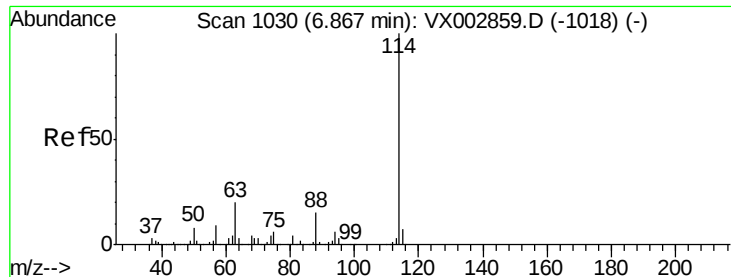
65 100

67 51.1 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: VX002939.D

Acq: 27 Jun 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

WP021SB488-31-33-180622

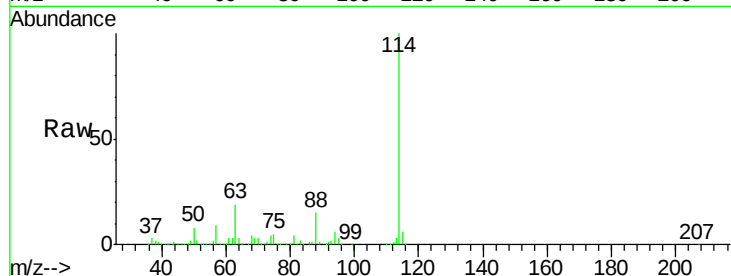
Tot Ion:114 Resp: 372201

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

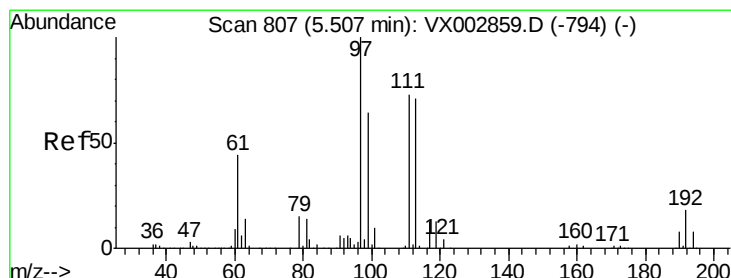
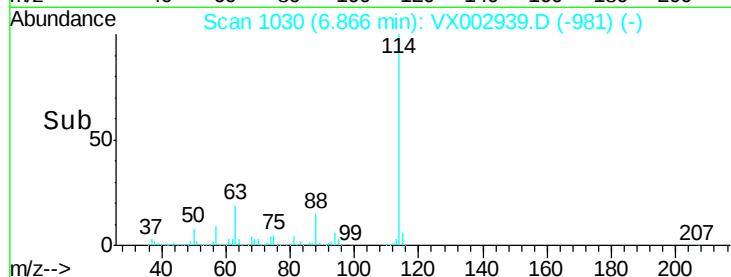
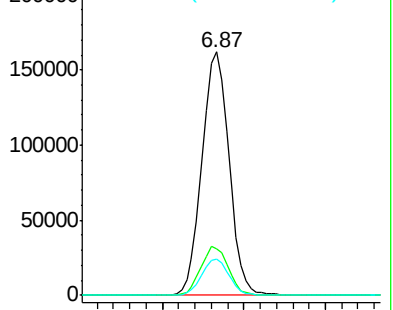
88 14.7 0.0 30.0



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: 47.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002939.D

Acq: 27 Jun 2018 16:30

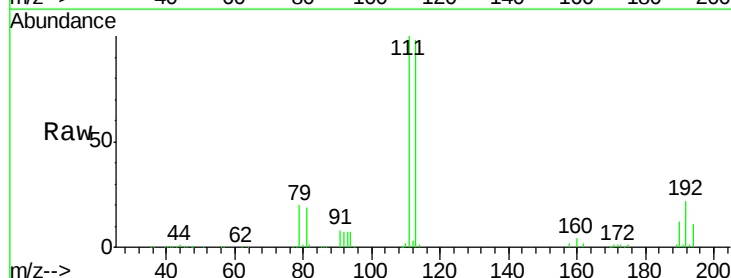
Tgt Ion:113 Resp: 138969

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

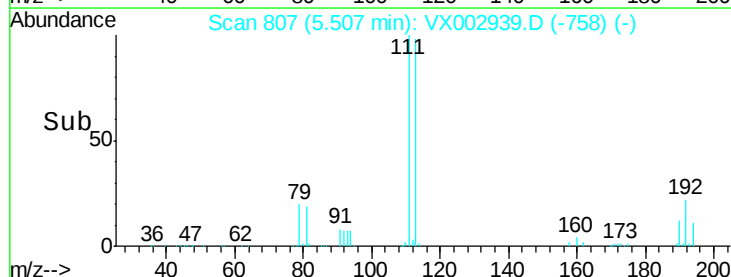
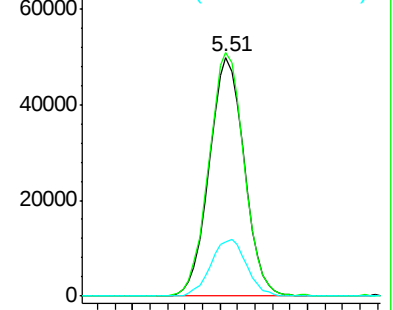
192 24.4 19.1 28.7

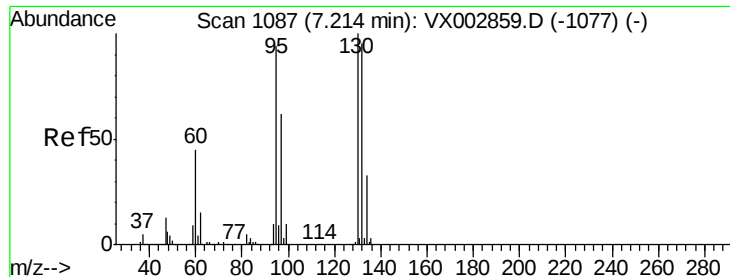


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.95 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002939.D

Acq: 27 Jun 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

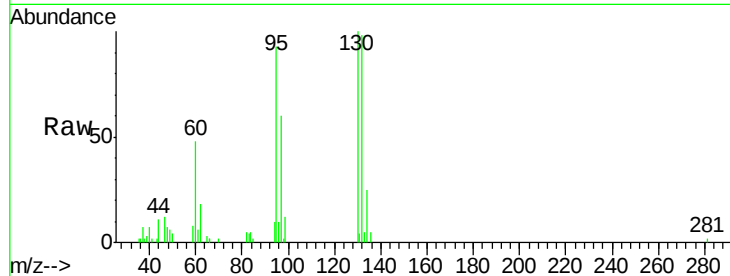
WP021SB488-31-33-180622

Tot Ion:130 Resp: 6901

Ion Ratio Lower Upper

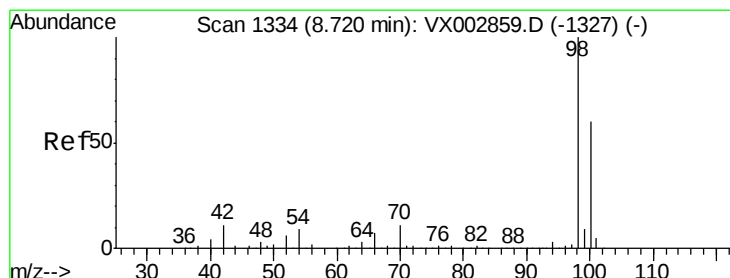
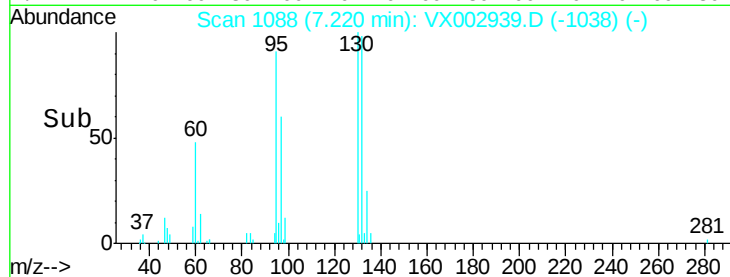
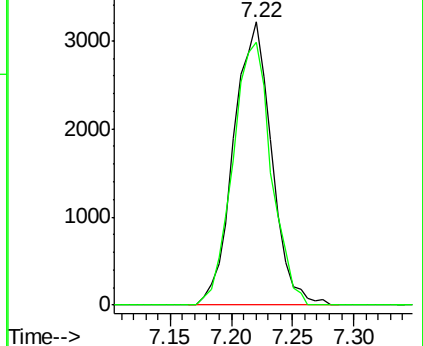
130 100

95 93.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.87 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002939.D

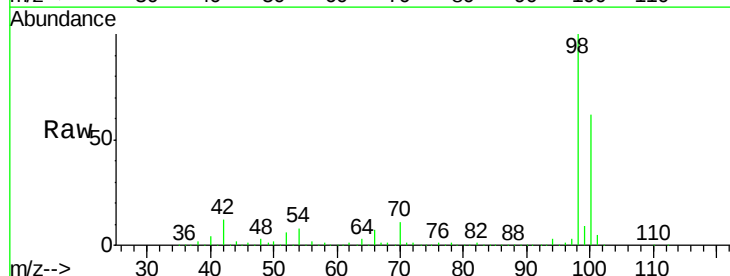
Acq: 27 Jun 2018 16:30

Tgt Ion: 98 Resp: 526026

Ion Ratio Lower Upper

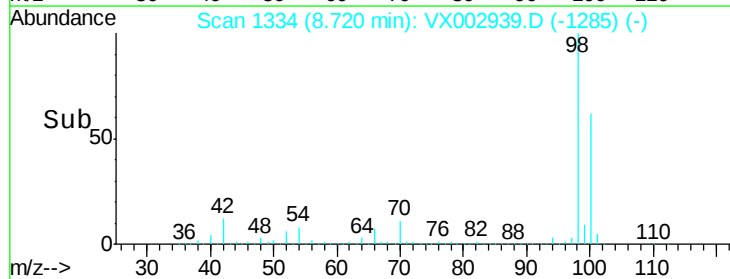
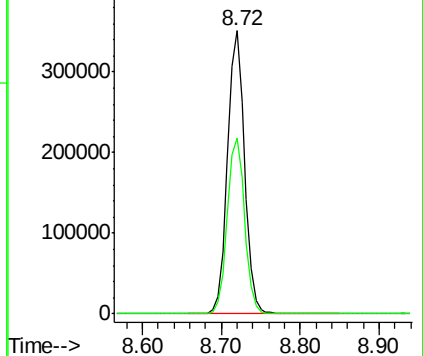
98 100

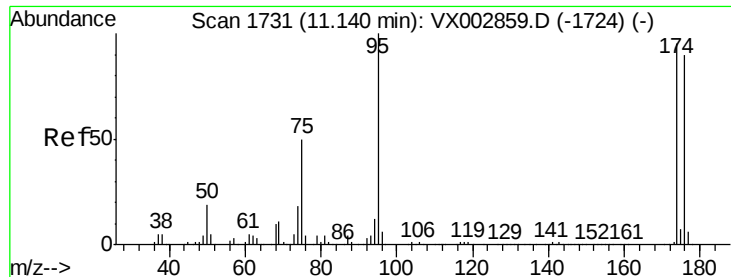
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002939.D

Acq: 27 Jun 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

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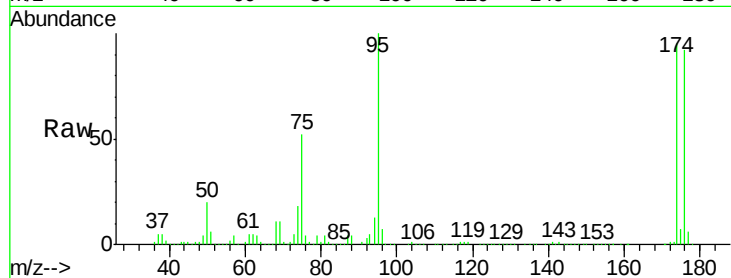
Tot Ion: 95 Resp: 190083

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

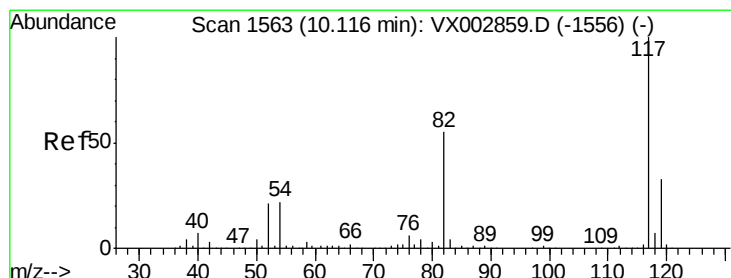
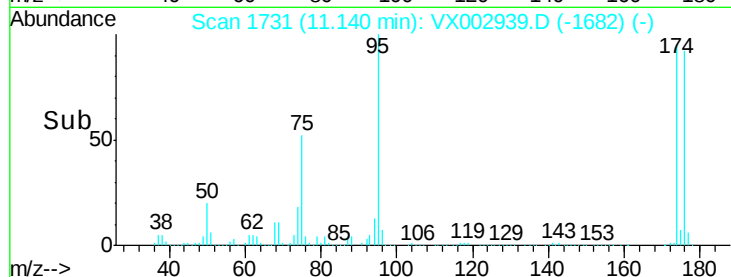
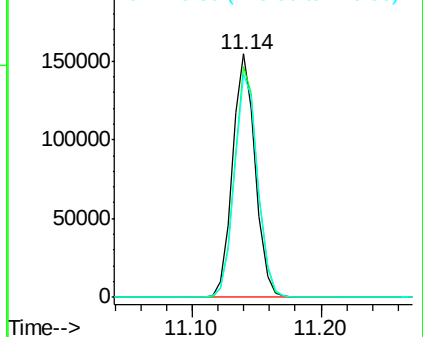
176 93.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002939.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002939.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002939.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002939.D

Acq: 27 Jun 2018 16:30

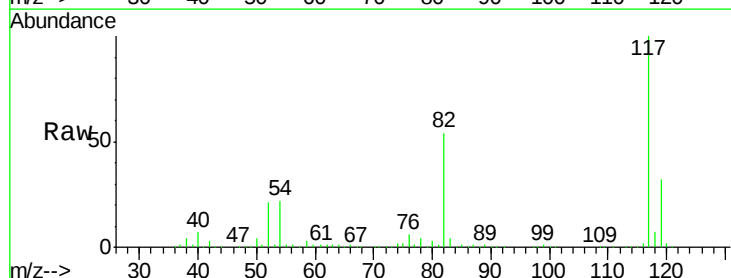
Tgt Ion: 117 Resp: 346773

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.4

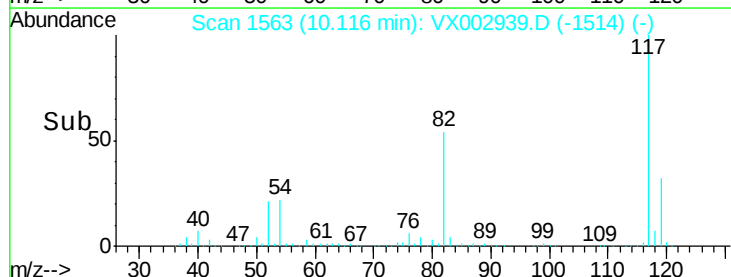
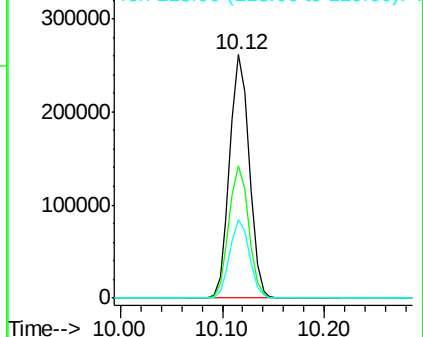
119 32.4 25.8 38.6

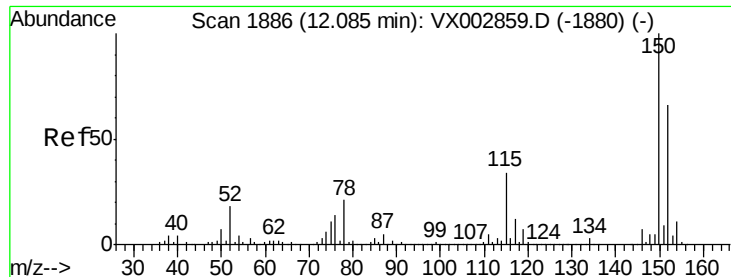


Abundance Ion 116.90 (116.60 to 117.60): VX002939.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002939.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002939.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002939.D

Acq: 27 Jun 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

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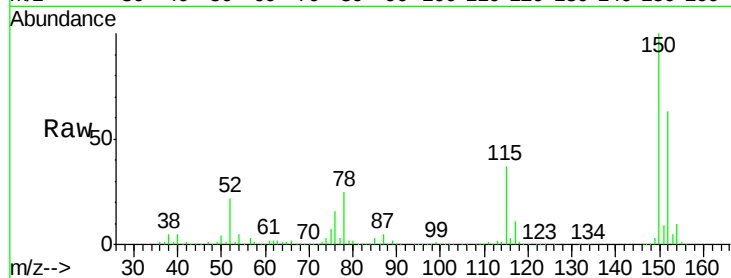
Tot Ion:152 Resp: 202623

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

150 156.4 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

