

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002405.D
 Acq On : 08 Jun 2018 16:43
 Operator : JC/MD
 Sample : J2986-10DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0459-180514DL

Quant Time: Jun 09 03:12:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

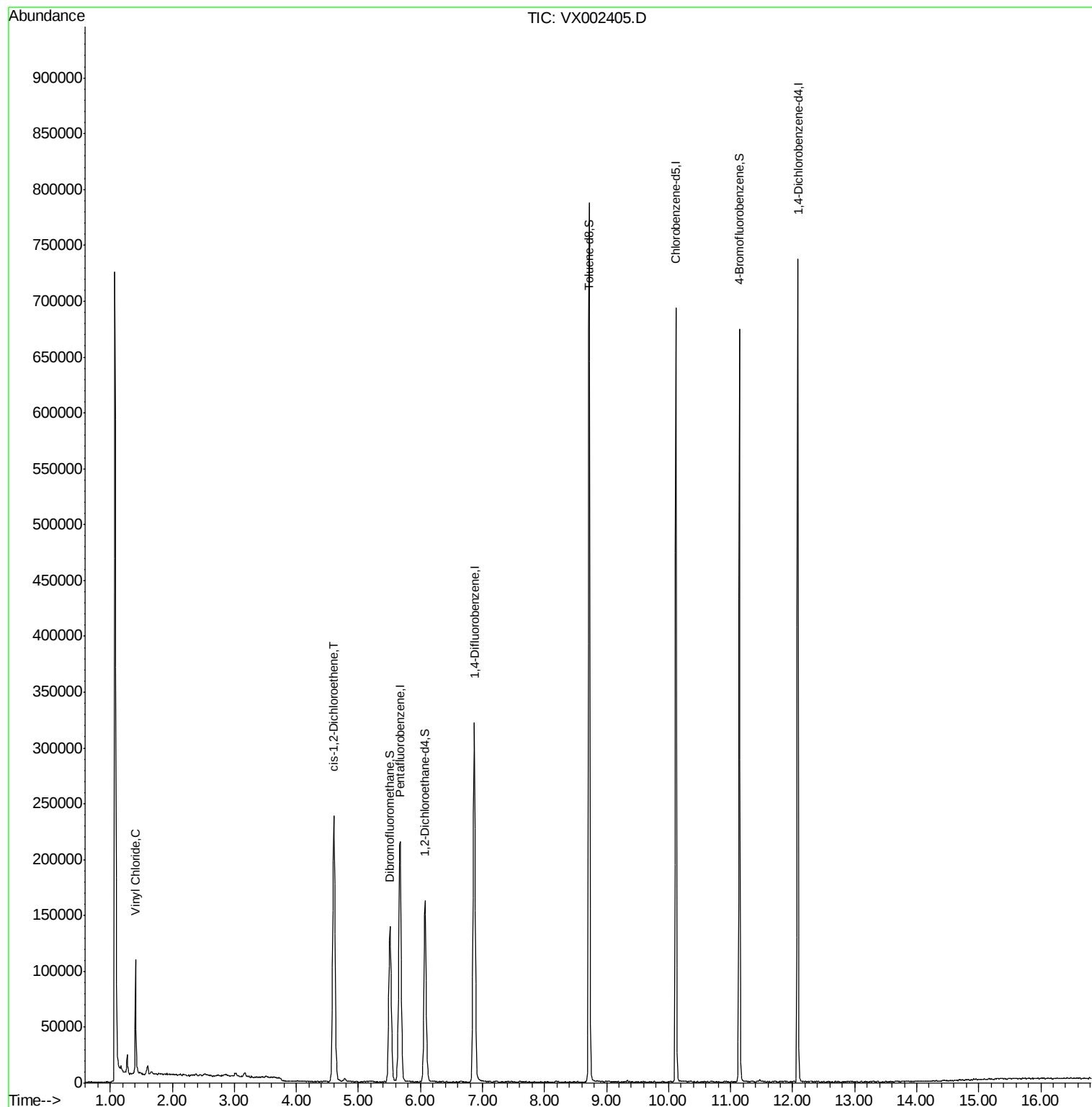
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149859	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	5.51	113	112983	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
50) Toluene-d8	8.72	98	449750	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	11.14	95	153414	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
4) Vinyl Chloride	1.40	62	63087	22.33	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	145750	52.94	ug/l	84

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

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QLast Update : Tue Jun 05 03:22:35 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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ClientSampleId :

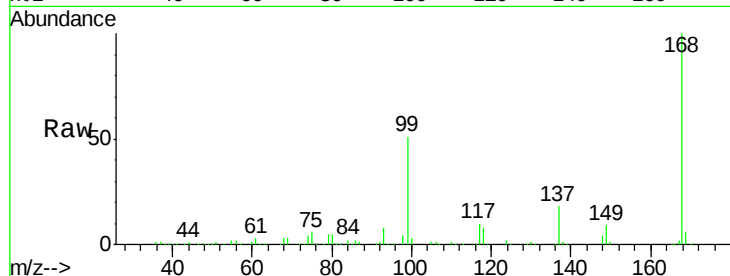
DUP-0459-180514DL

Tgt Ion:168 Resp: 215652

Ion Ratio Lower Upper

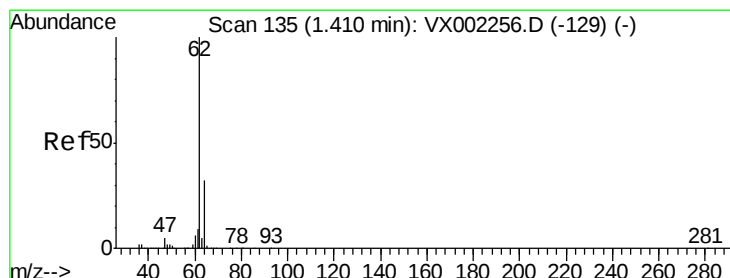
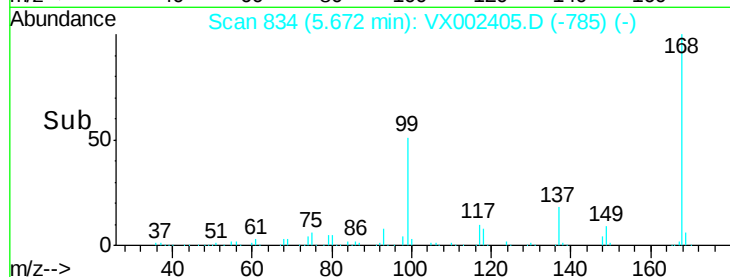
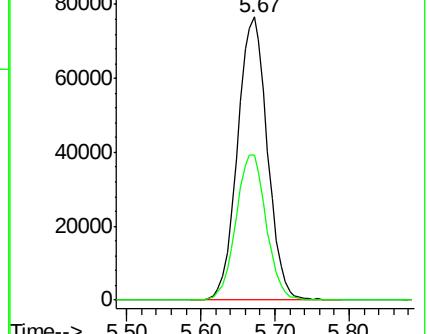
168 100

99 51.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 22.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002405.D

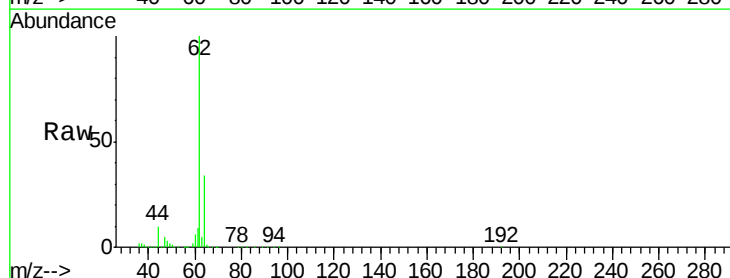
Acq: 08 Jun 2018 16:43

Tgt Ion: 62 Resp: 63087

Ion Ratio Lower Upper

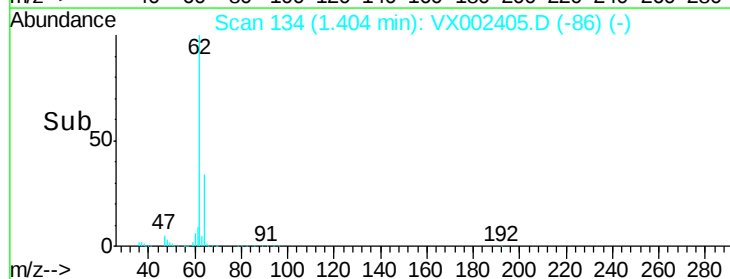
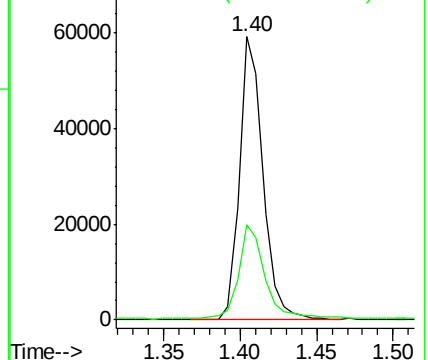
62 100

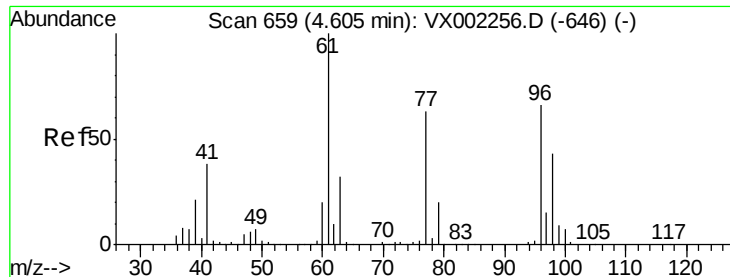
64 33.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 52.94 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002405.D

Acq: 08 Jun 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

DUP-0459-180514DL

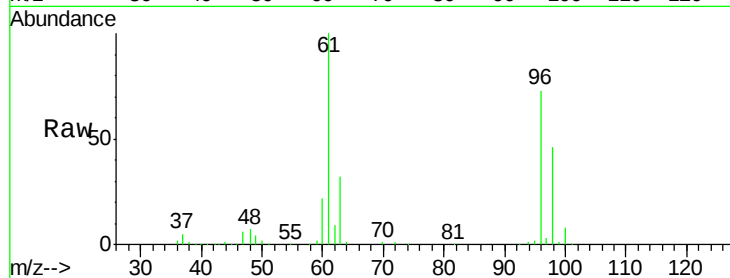
Tgt Ion: 96 Resp: 145750

Ion Ratio Lower Upper

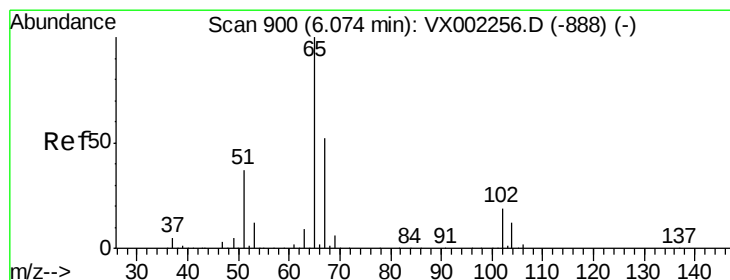
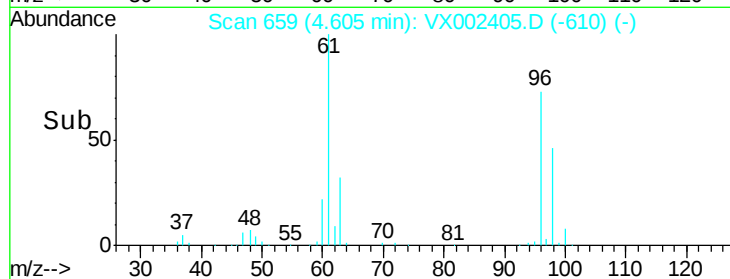
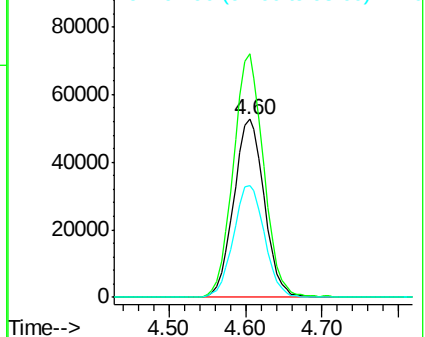
96 100

61 135.7 0.0 330.2

98 63.9 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: 48.49 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002405.D

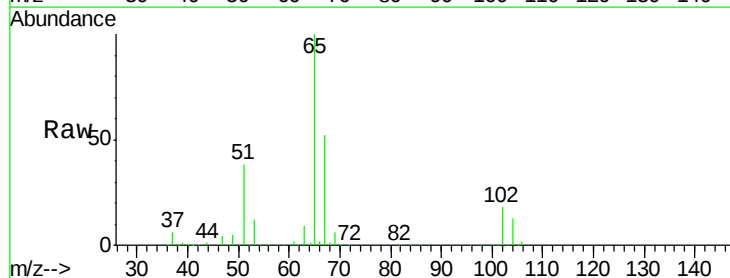
Acq: 08 Jun 2018 16:43

Tgt Ion: 65 Resp: 149859

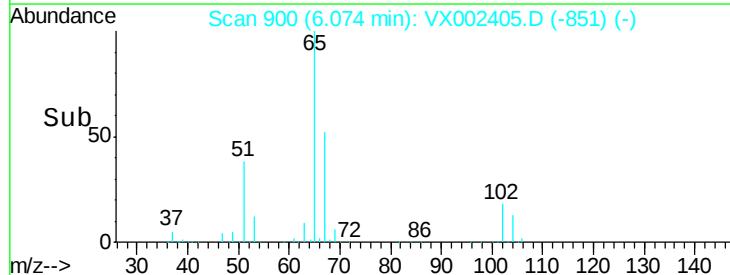
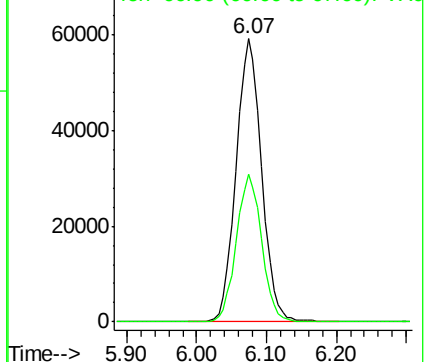
Ion Ratio Lower Upper

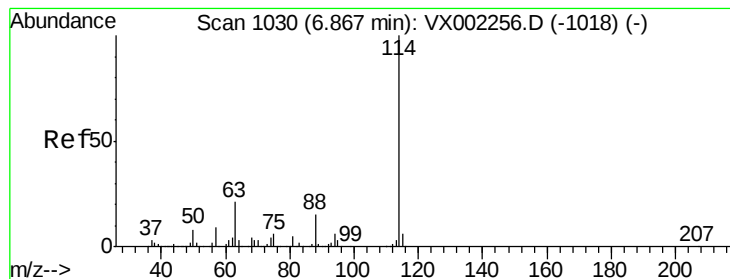
65 100

67 51.9 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: VX002405.D

Acq: 08 Jun 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

DUP-0459-180514DL

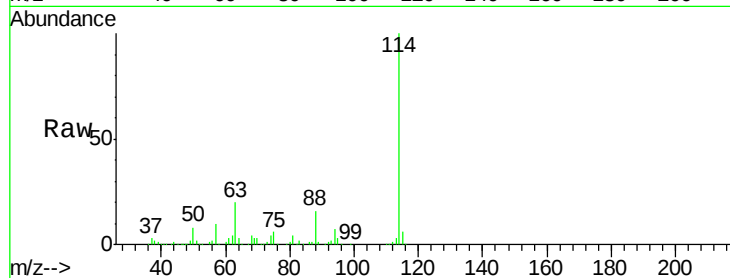
Tgt Ion:114 Resp: 314982

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

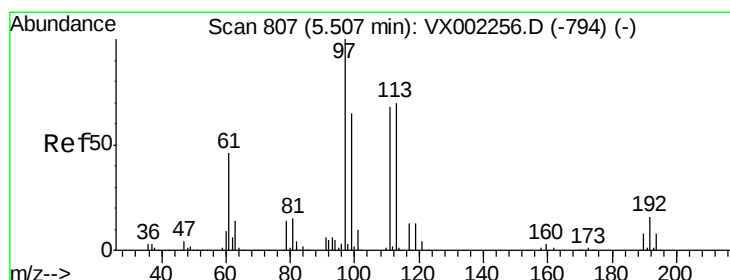
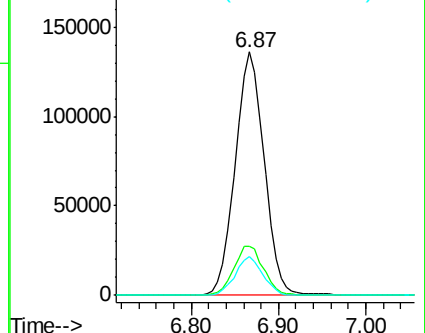
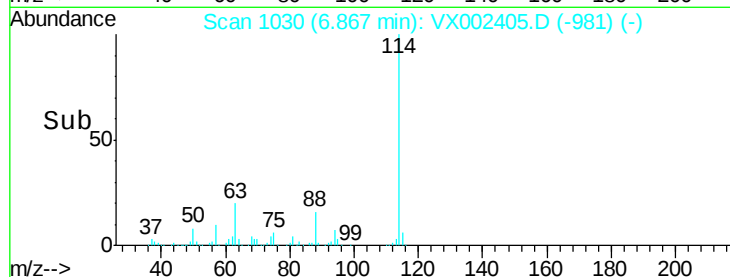
88 16.1 0.0 30.0



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: 45.61 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002405.D

Acq: 08 Jun 2018 16:43

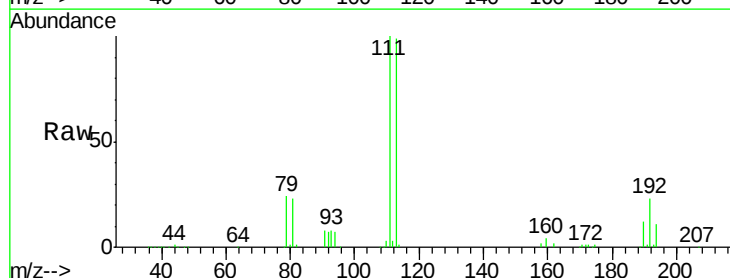
Tgt Ion:113 Resp: 112983

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

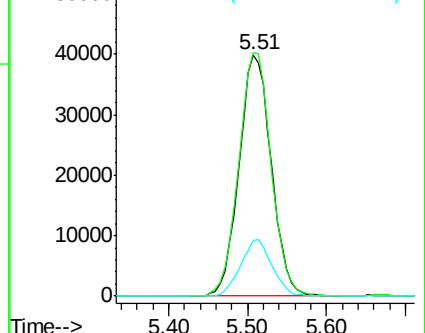
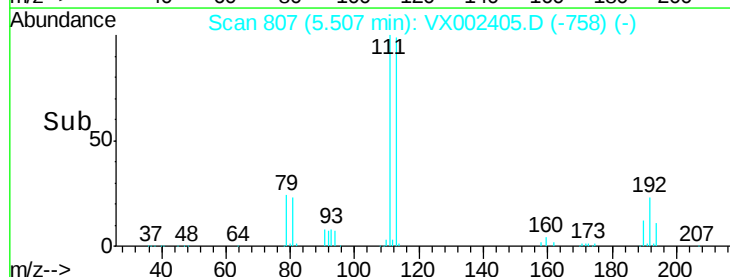
192 23.0 19.1 28.7

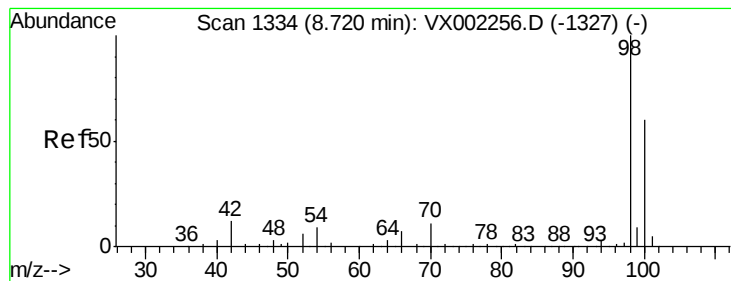


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.37 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002405.D

Acq: 08 Jun 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

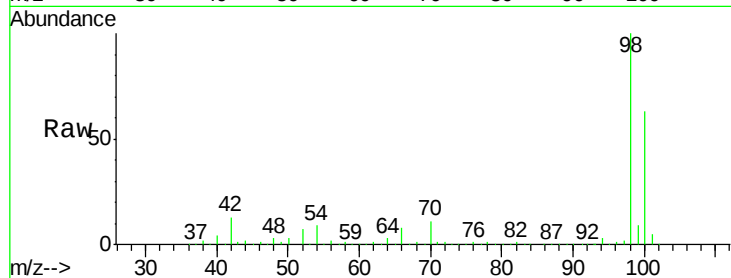
DUP-0459-180514DL

Tgt Ion: 98 Resp: 449750

Ion Ratio Lower Upper

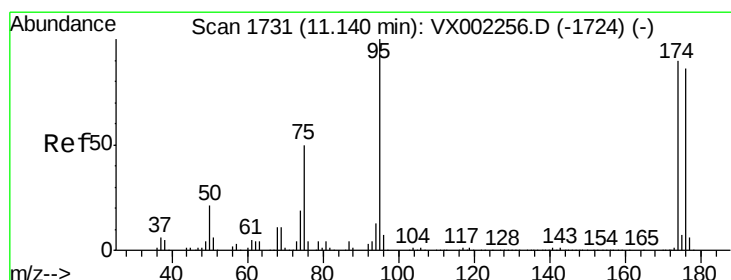
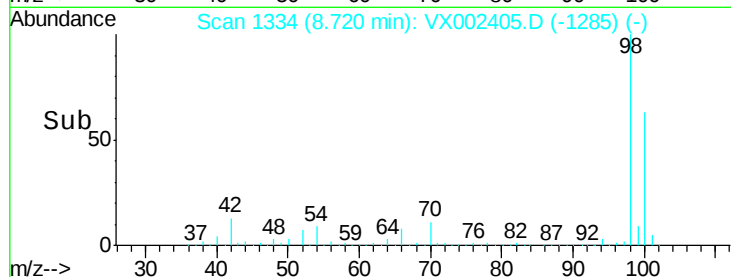
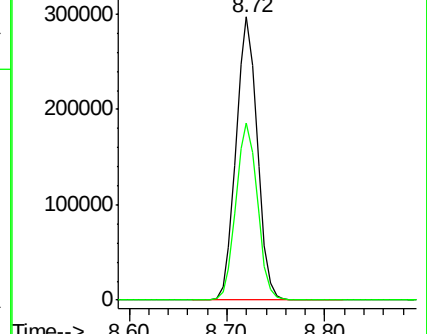
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 41.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002405.D

Acq: 08 Jun 2018 16:43

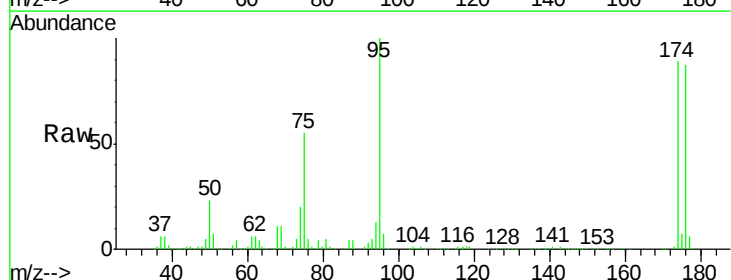
Tgt Ion: 95 Resp: 153414

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.4

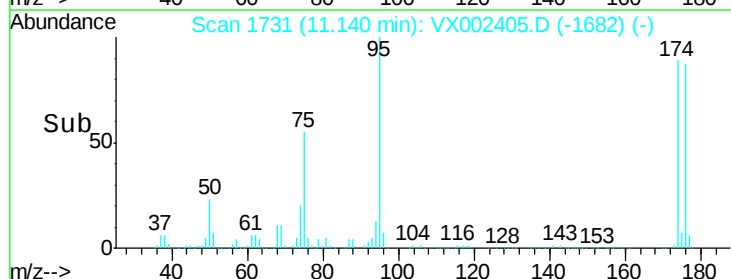
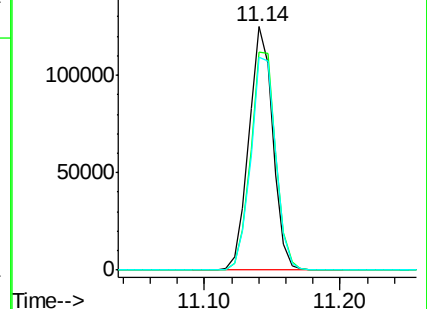
176 91.4 0.0 181.0

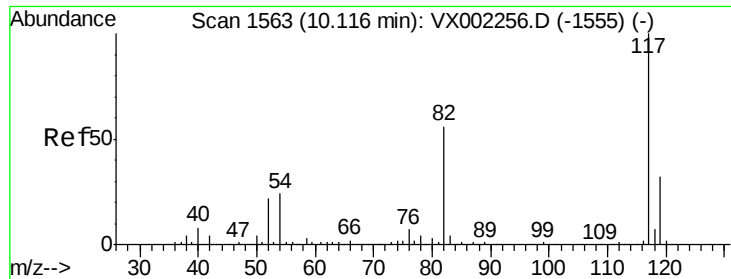


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX002405.D

Acq: 08 Jun 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

DUP-0459-180514DL

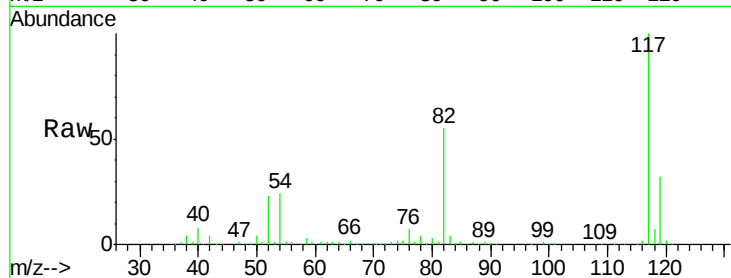
Tgt Ion:117 Resp: 285340

Ion Ratio Lower Upper

117 100

82 55.3 45.0 67.4

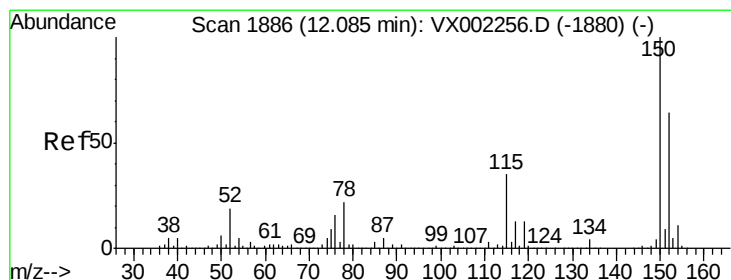
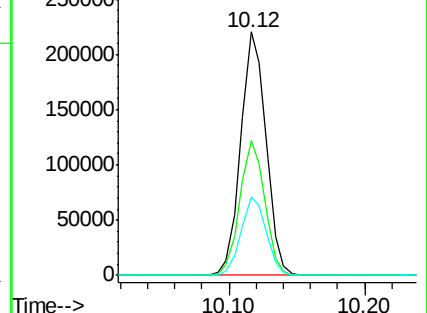
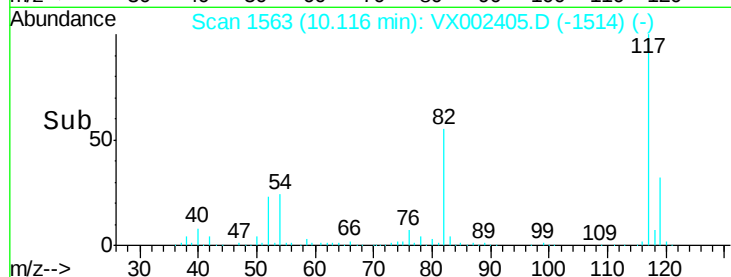
119 32.2 25.8 38.6



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002405.D

Acq: 08 Jun 2018 16:43

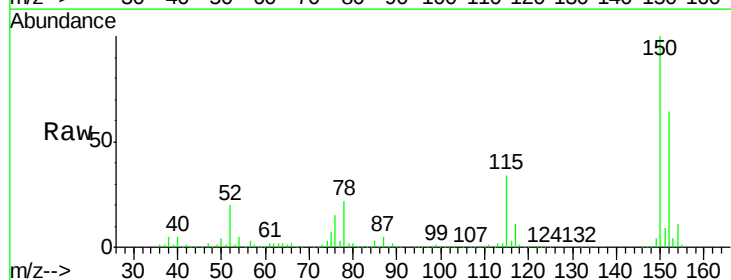
Tgt Ion:152 Resp: 156288

Ion Ratio Lower Upper

152 100

115 55.7 40.1 120.2

150 156.3 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

