

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003050.D
 Acq On : 30 Jun 2018 01:10
 Operator : JC/MD
 Sample : J3668-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW347-180620DL

Quant Time: Jun 30 09:26:37 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	265570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191731	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	175977	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
35) Dibromofluoromethane	5.51	113	142403	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	8.72	98	526876	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.14	95	180188	43.37	ug/l	0.00
Spiked Amount			Recovery	=	86.74%	

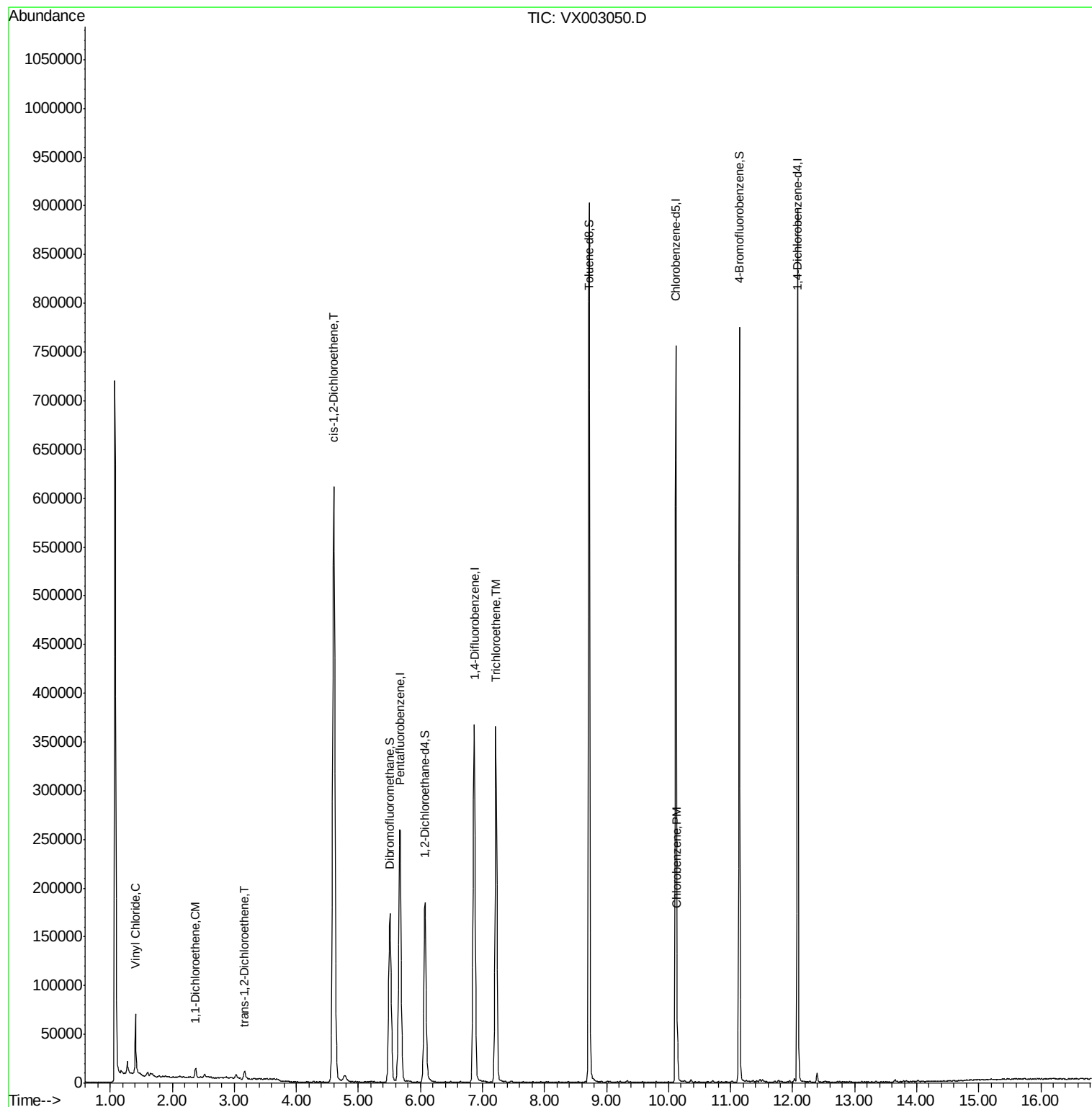
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	36666	12.21	ug/l	# 82
12) 1,1-Dichloroethene	2.38	96	3192	1.22	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	3228	1.13	ug/l	83
27) cis-1,2-Dichloroethene	4.60	96	386748	120.92	ug/l	81
44) Trichloroethene	7.21	130	144701	40.89	ug/l	98
65) Chlorobenzene	10.14	112	16981	1.94	ug/l	97

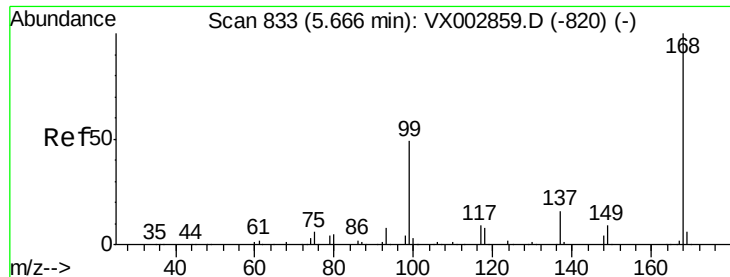
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003050.D

Acq: 30 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

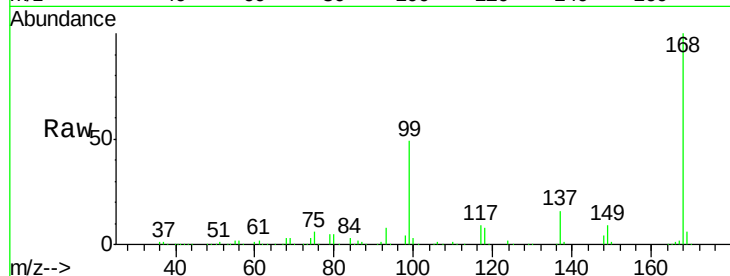
WP021MW347-180620DL

Tot Ion:168 Resp: 265570

Ion Ratio Lower Upper

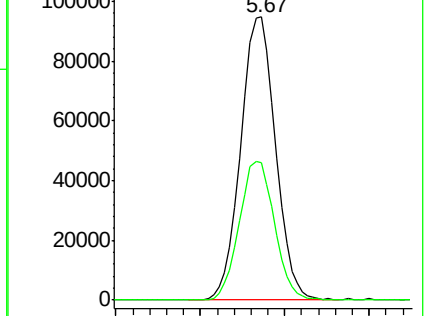
168 100

99 48.6 39.3 58.9

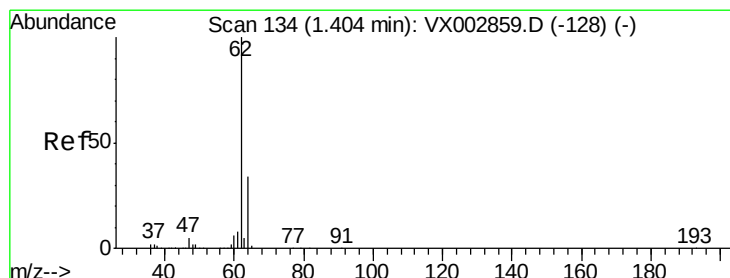
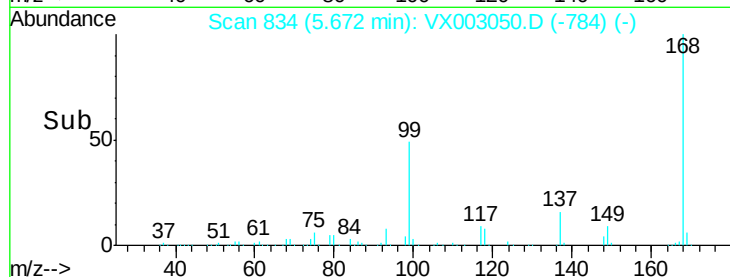


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 12.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003050.D

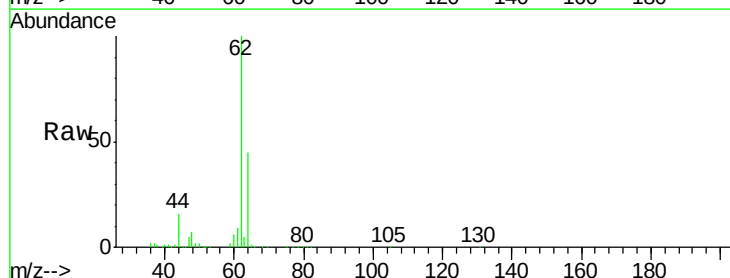
Acq: 30 Jun 2018 01:10

Tgt Ion: 62 Resp: 36666

Ion Ratio Lower Upper

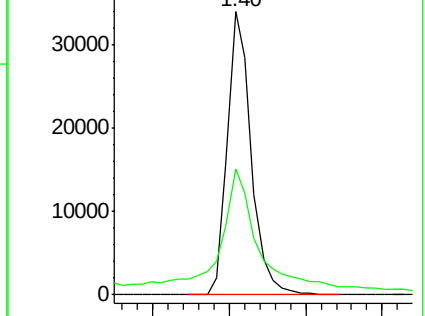
62 100

64 41.9 25.4 38.2#

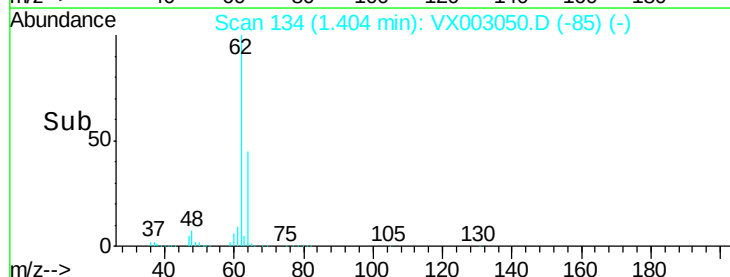


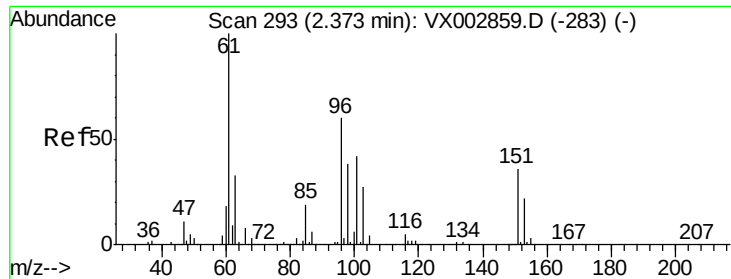
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time--> 1.35 1.40 1.45 1.50





#12

1,1-Dichloroethene

Concen: 1.22 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003050.D

Acq: 30 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-180620DL

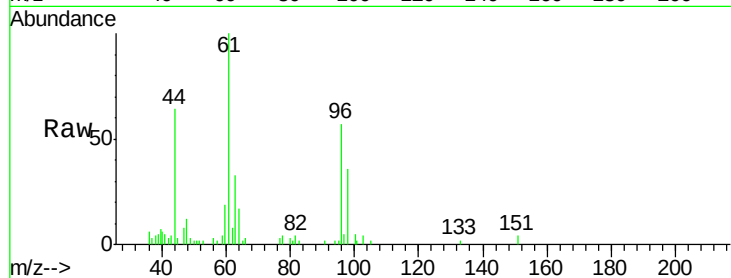
Tot Ion: 96 Resp: 3192

Ion Ratio Lower Upper

96 100

61 174.8 137.9 206.9

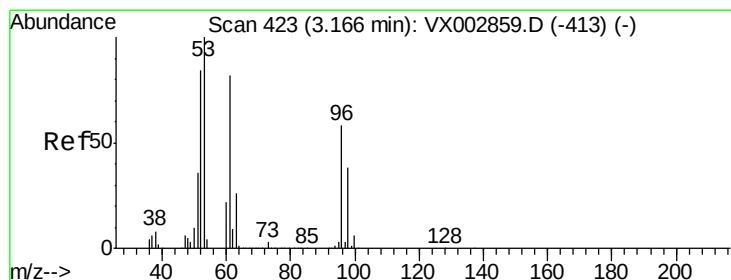
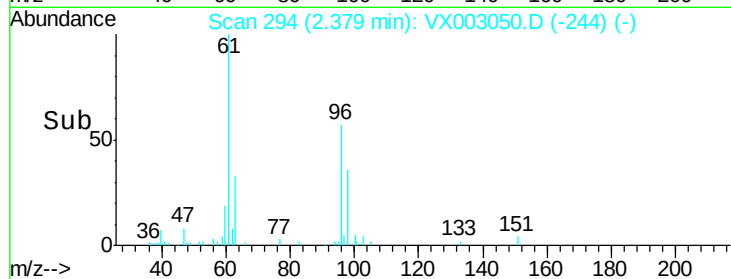
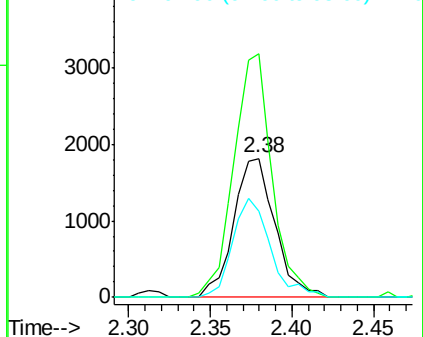
98 62.2 51.6 77.4



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



#21

trans-1,2-Dichloroethene

Concen: 1.13 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003050.D

Acq: 30 Jun 2018 01:10

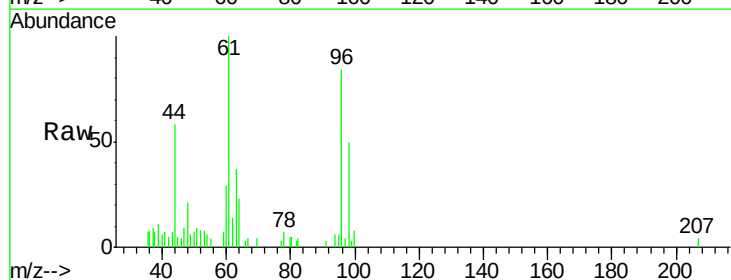
Tgt Ion: 96 Resp: 3228

Ion Ratio Lower Upper

96 100

61 119.4 117.0 175.4

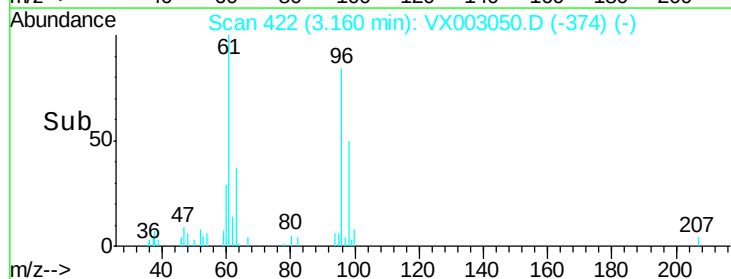
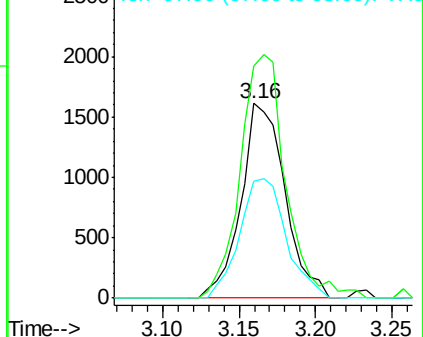
98 60.3 52.4 78.6

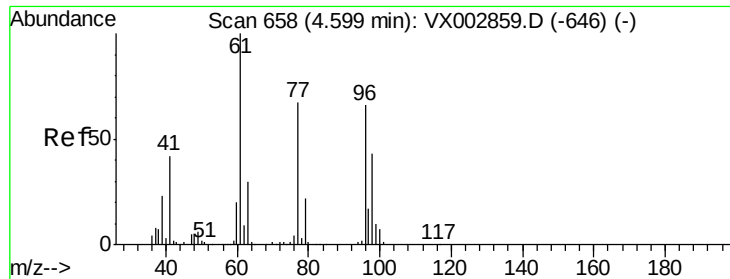


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 120.92 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003050.D

Acq: 30 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-180620DL

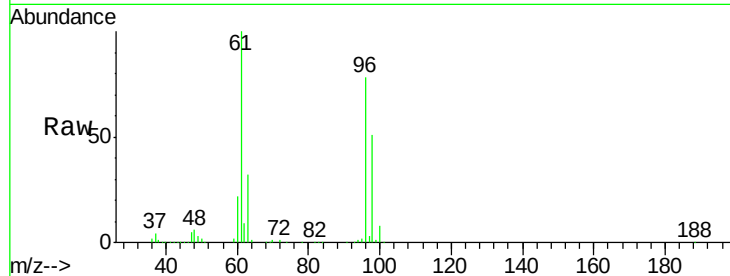
Tot Ion: 96 Resp: 386748

Ion Ratio Lower Upper

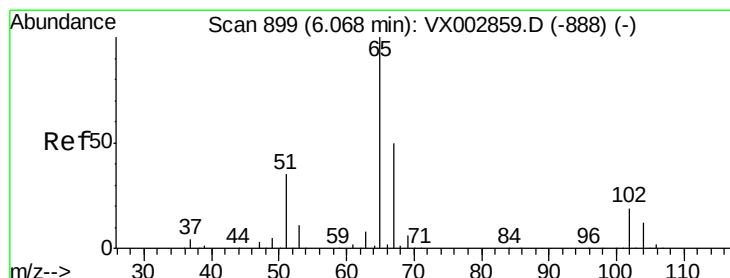
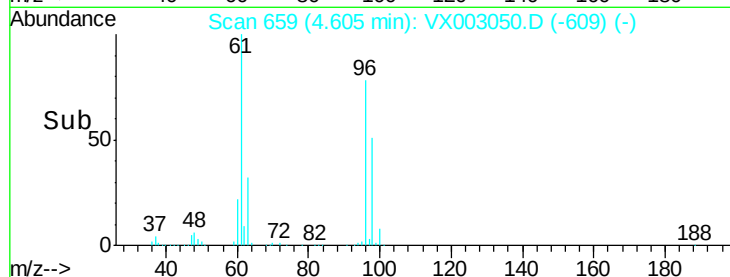
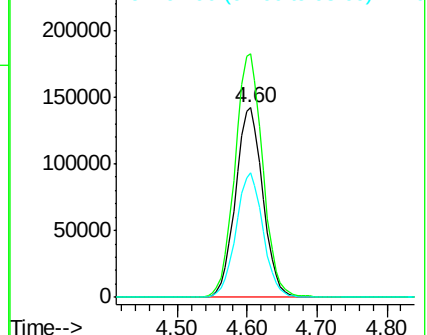
96 100

61 130.6 0.0 330.2

98 64.6 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: 47.94 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003050.D

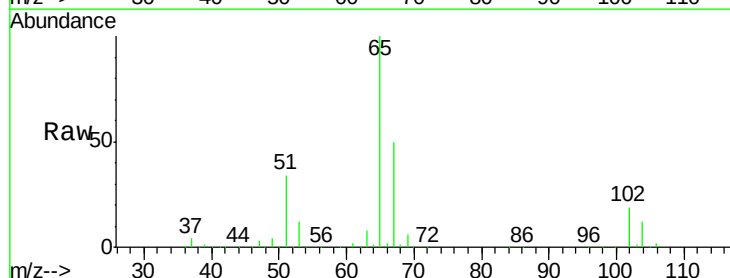
Acq: 30 Jun 2018 01:10

Tgt Ion: 65 Resp: 175977

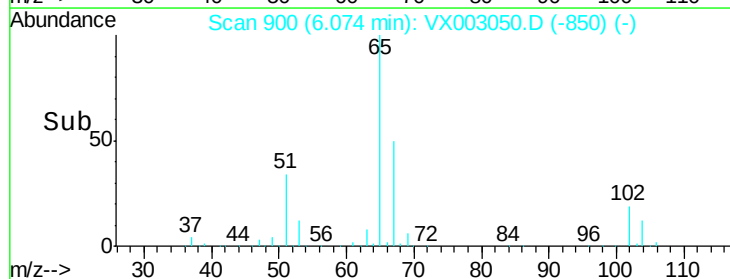
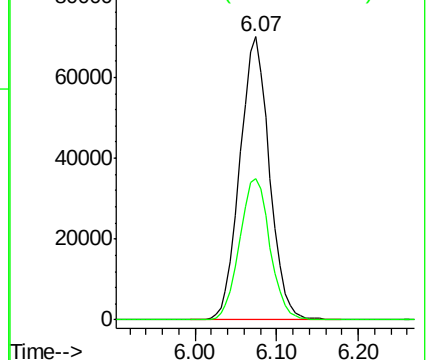
Ion Ratio Lower Upper

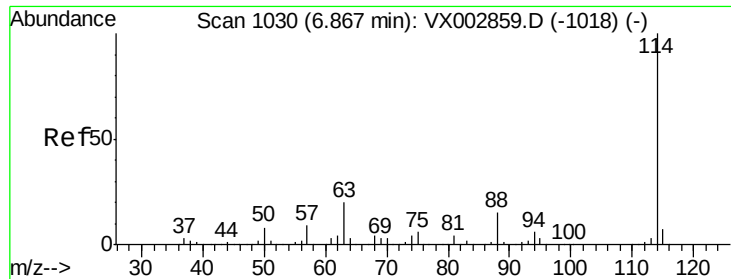
65 100

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: VX003050.D

Acq: 30 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-180620DL

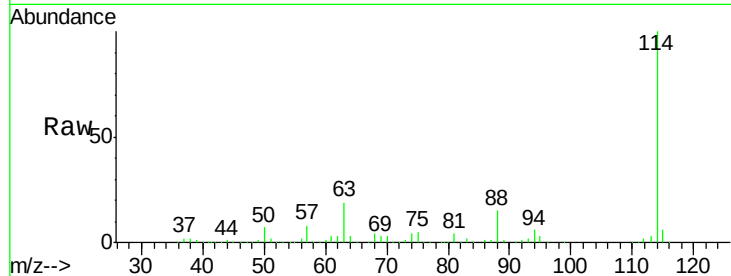
Tot Ion:114 Resp: 372538

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

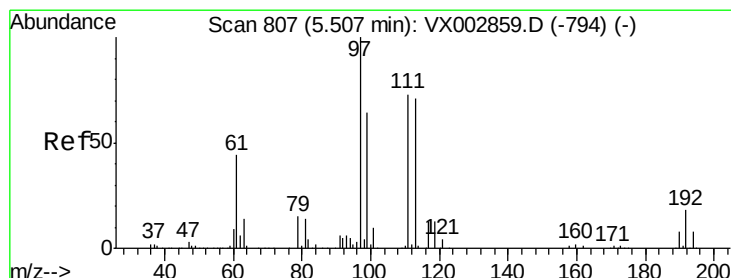
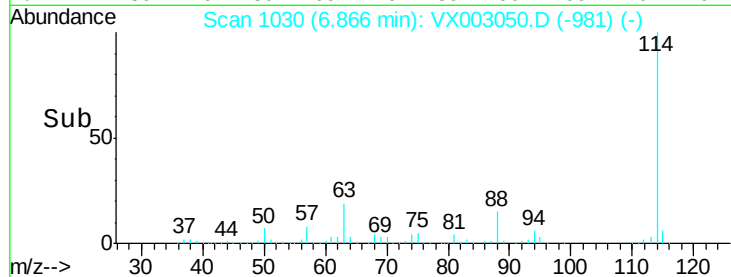
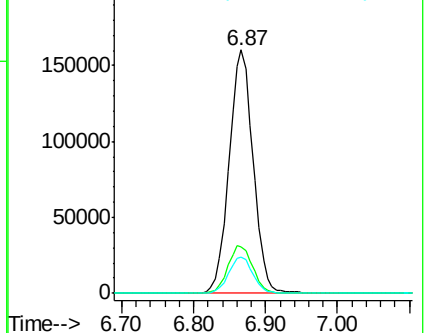
88 15.0 0.0 30.0



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: 48.27 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003050.D

Acq: 30 Jun 2018 01:10

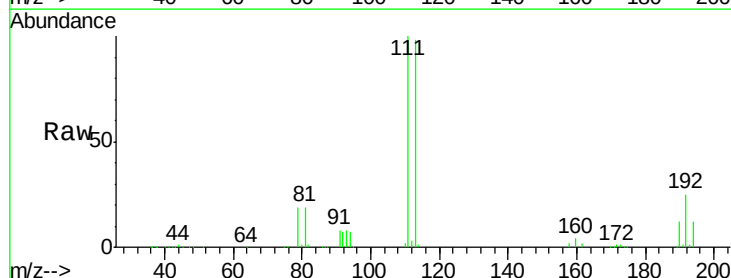
Tgt Ion:113 Resp: 142403

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

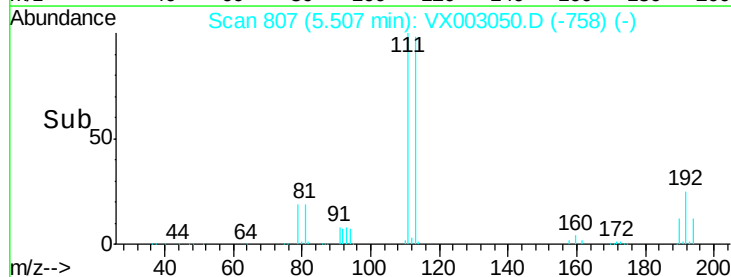
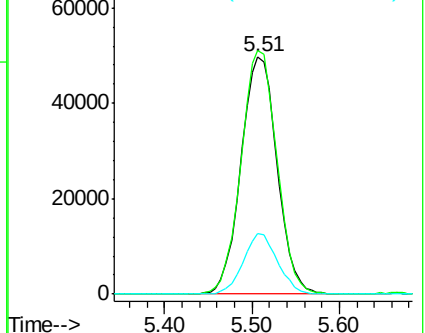
192 24.2 19.1 28.7

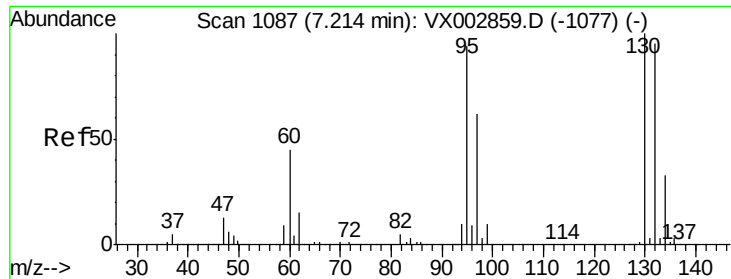


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 40.89 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003050.D

Acq: 30 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

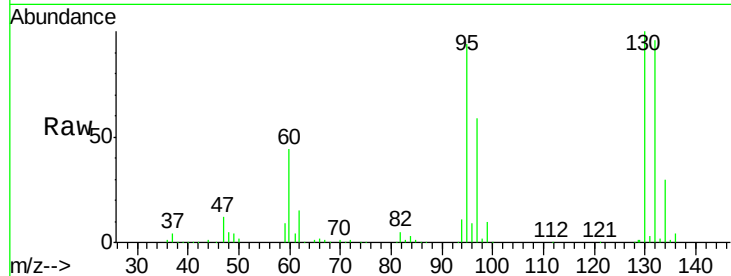
WP021MW347-180620DL

Tot Ion:130 Resp: 144701

Ion Ratio Lower Upper

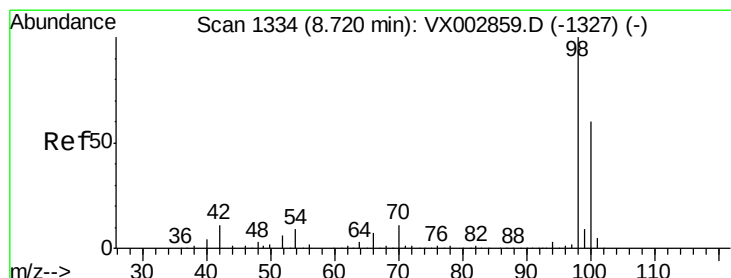
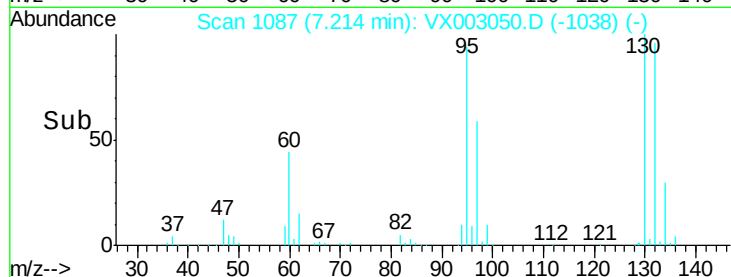
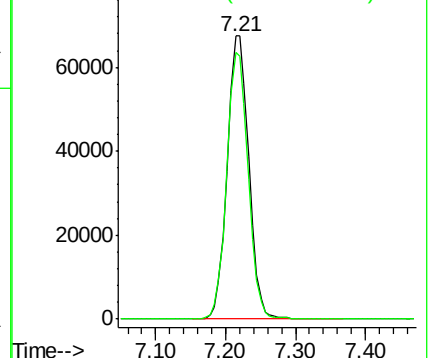
130 100

95 94.2 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: 48.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003050.D

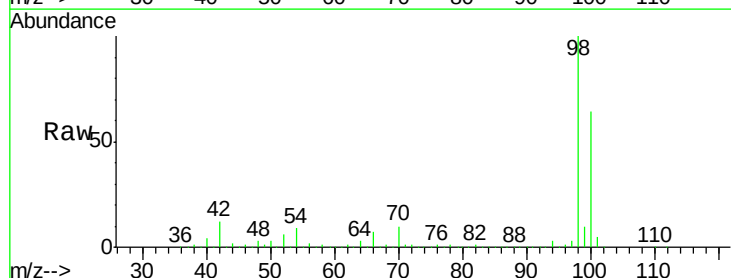
Acq: 30 Jun 2018 01:10

Tgt Ion: 98 Resp: 526876

Ion Ratio Lower Upper

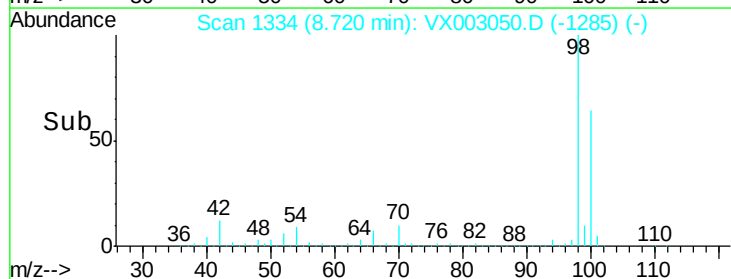
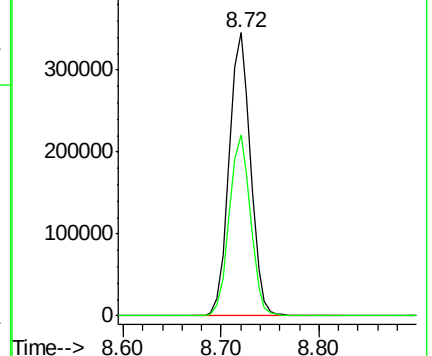
98 100

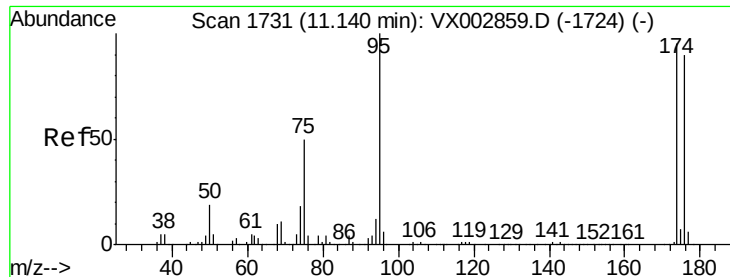
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

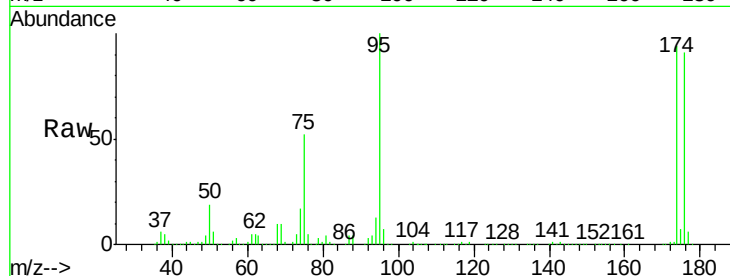




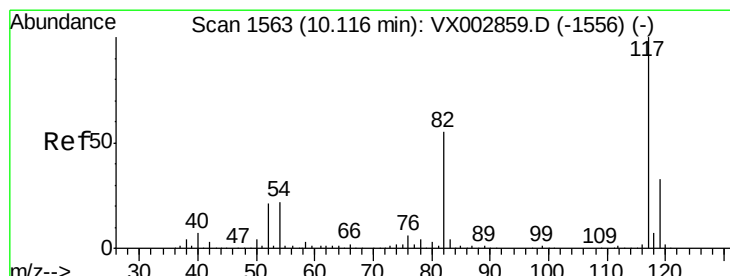
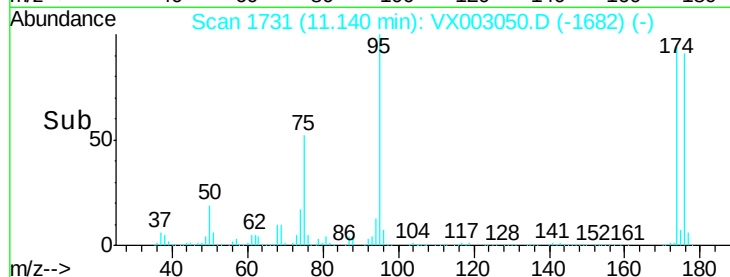
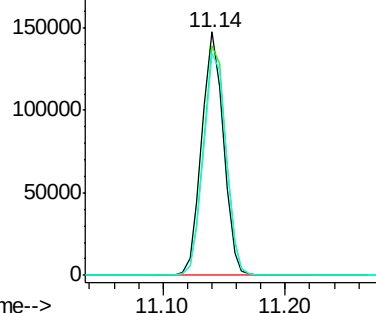
#62
4-Bromofluorobenzene
Concen: 43.37 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003050.D
Acq: 30 Jun 2018 01:10

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-180620DL

Tot Ion: 95 Resp: 180188
Ion Ratio Lower Upper
95 100
174 97.8 0.0 187.4
176 94.8 0.0 181.0

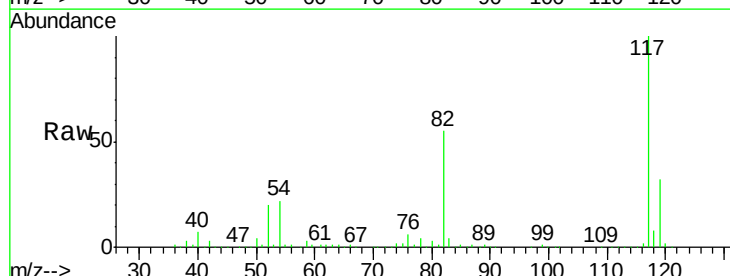


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

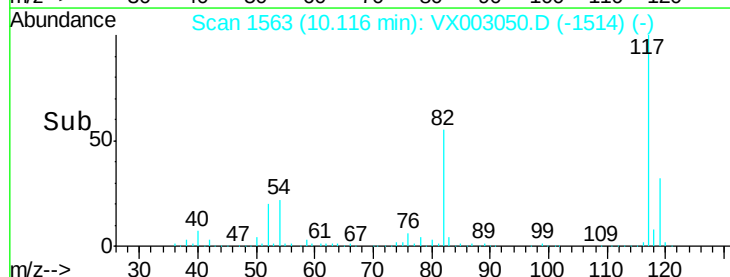
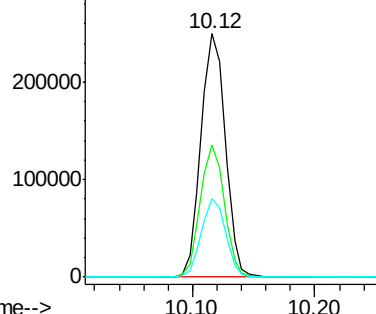


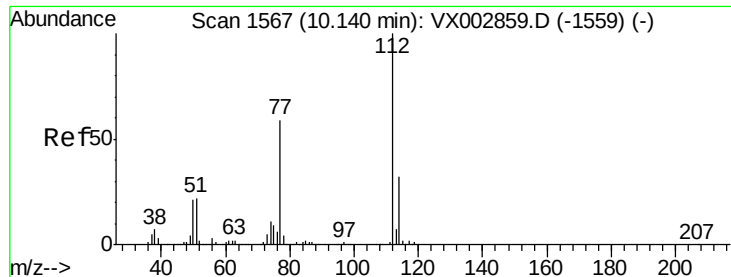
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003050.D
Acq: 30 Jun 2018 01:10

Tgt Ion: 117 Resp: 344083
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.3 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





#65

Chlorobenzene

Concen: 1.94 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003050.D

Acq: 30 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

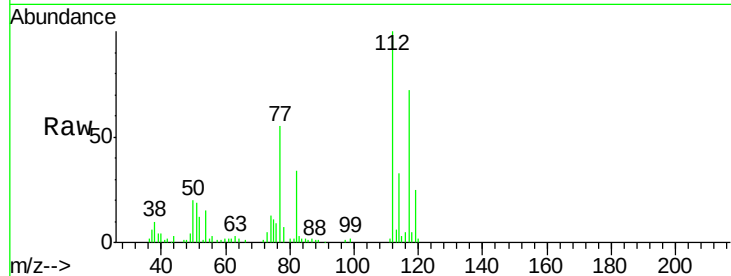
WP021MW347-180620DL

Tot Ion:112 Resp: 16981

Ion Ratio Lower Upper

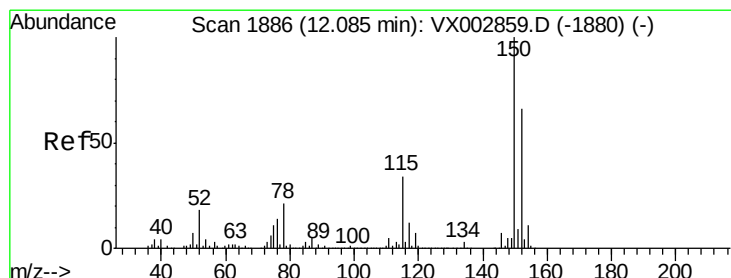
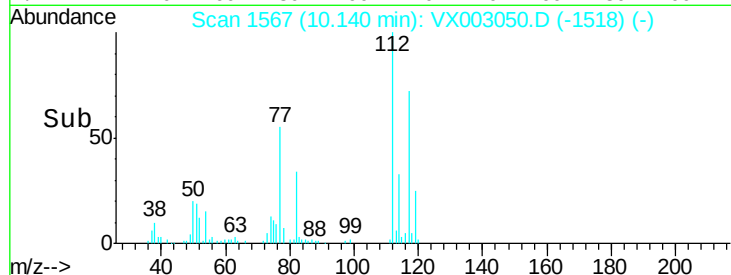
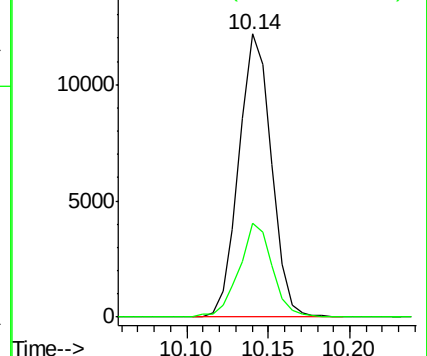
112 100

114 33.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX003050.D

Acq: 30 Jun 2018 01:10

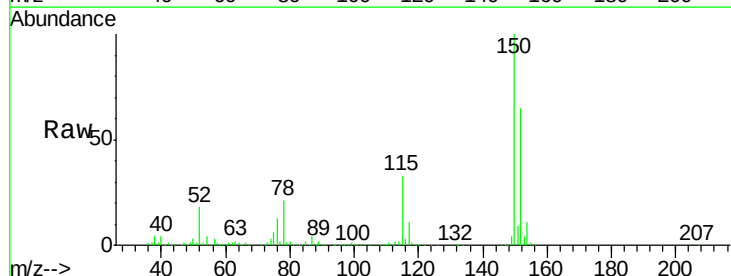
Tgt Ion:152 Resp: 191731

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

150 156.8 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

