

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007573.D
 Acq On : 15 Feb 2019 17:31
 Operator : JC/SP
 Sample : K1458-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-4DL

Quant Time: Feb 16 04:27:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

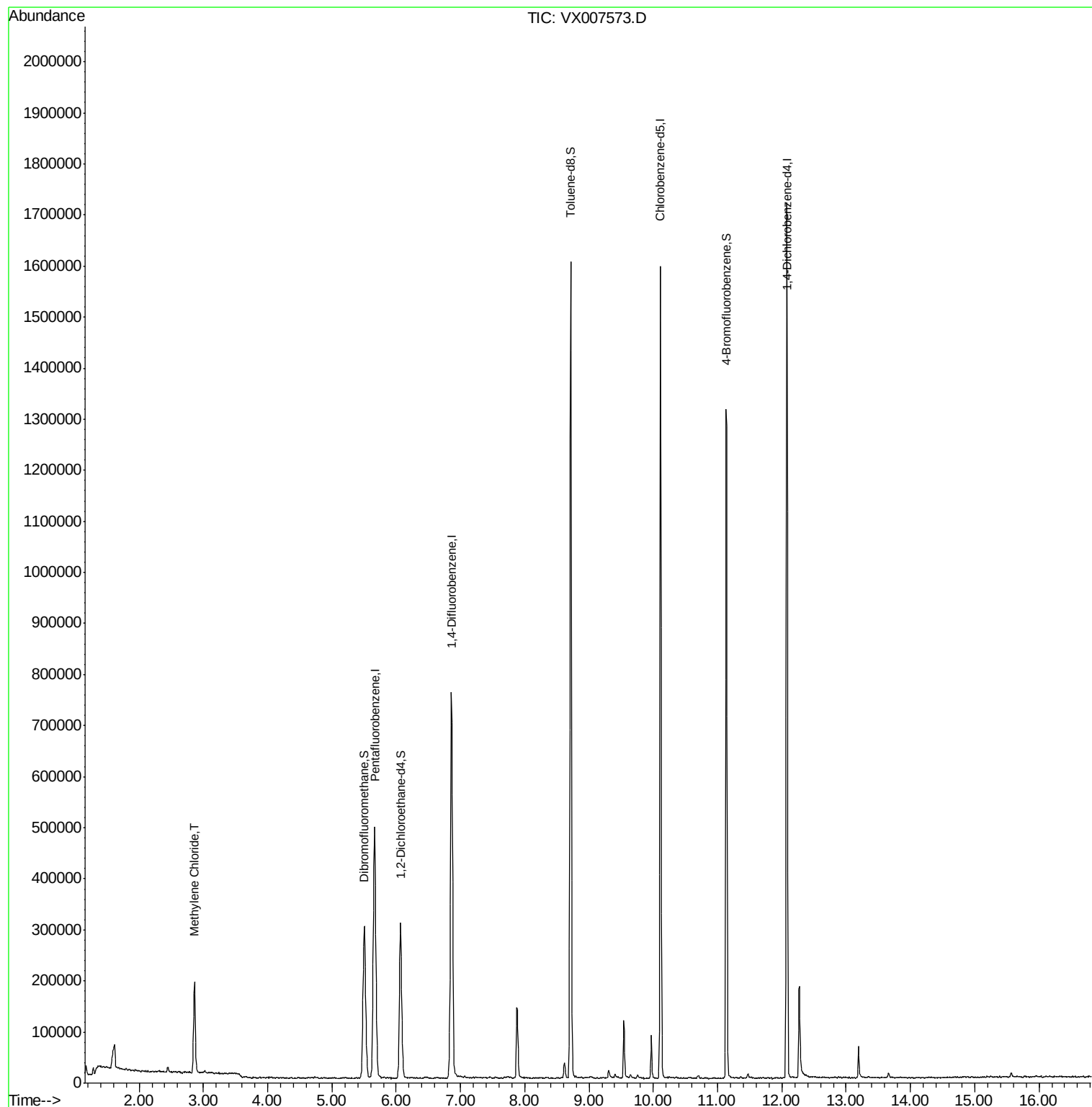
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	509257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	798306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	756180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	366338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	277733	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
35) Dibromofluoromethane	5.51	113	258527	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	963684	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	338666	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
Target Compounds						
20) Methylene Chloride	2.86	84	82260	15.997	ug/l	Qvalue 96

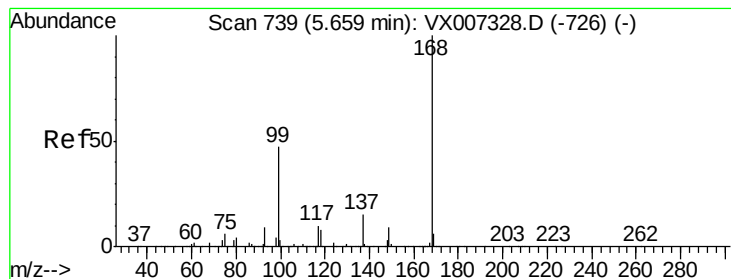
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

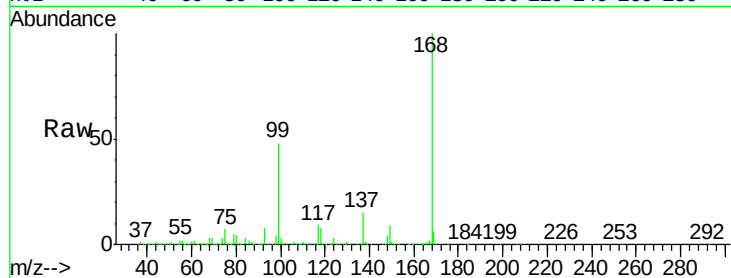
WC-4DL

Tot Ion:168 Resp: 509257

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

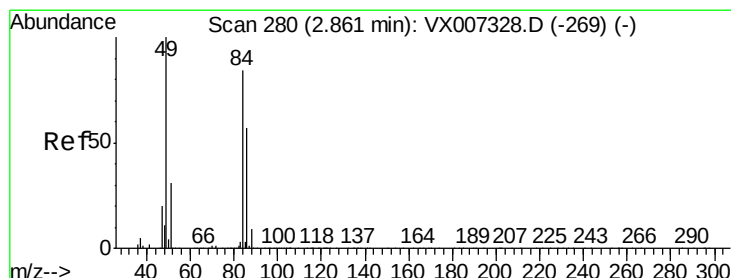
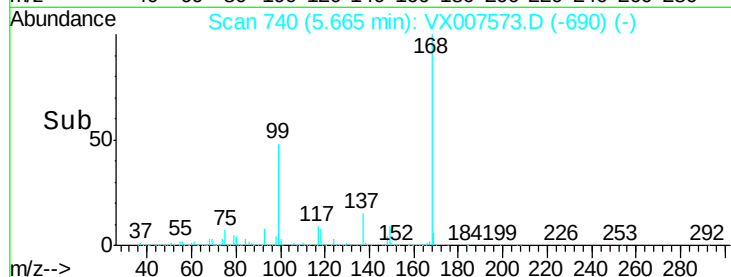
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 15.997 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Tgt Ion: 84 Resp: 82260

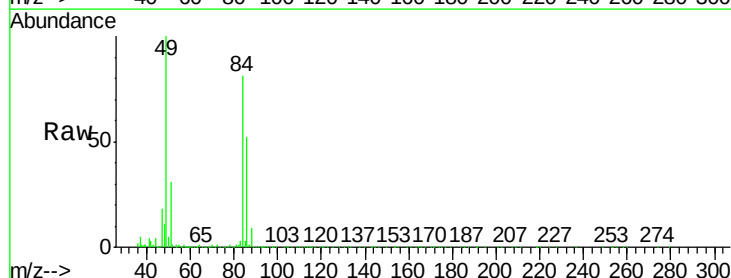
Ion Ratio Lower Upper

84 100

49 123.1 94.8 142.2

51 38.2 29.8 44.8

86 64.5 54.1 81.1



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

80000

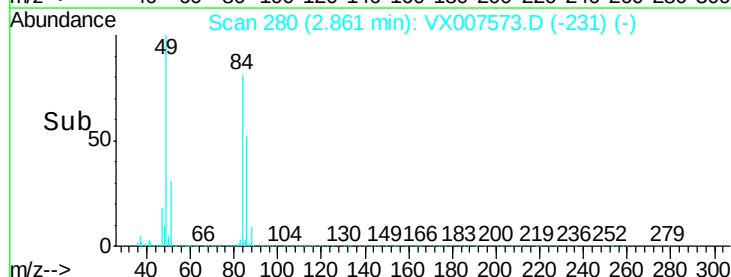
60000

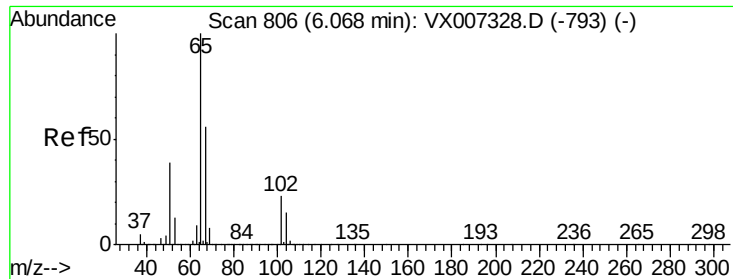
40000

20000

0

Time--> 2.80 2.90





#33

1,2-Dichloroethane-d4

Concen: 51.381 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

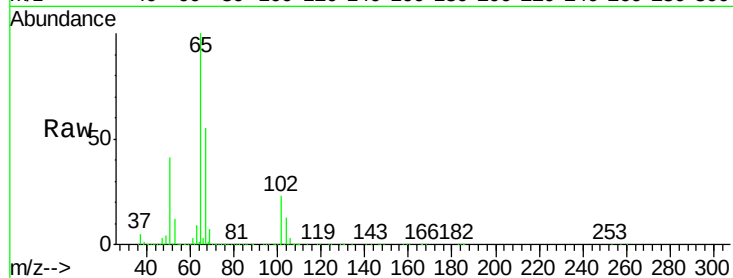
WC-4DL

Tot Ion: 65 Resp: 277733

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

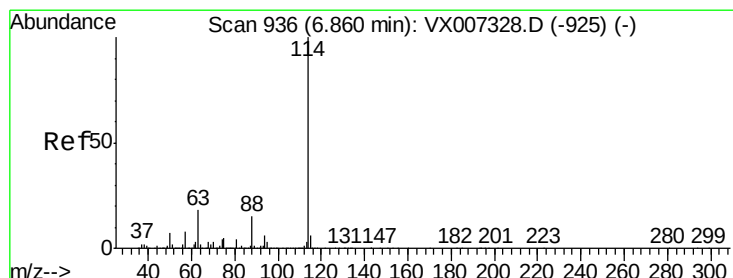
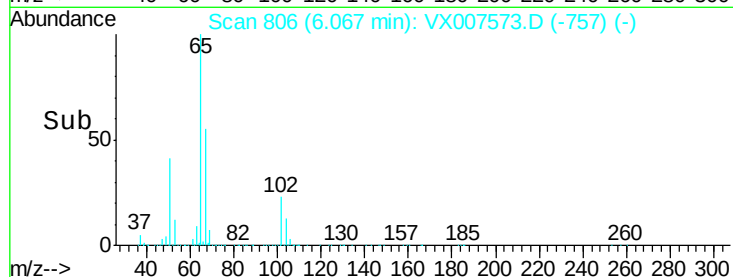
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

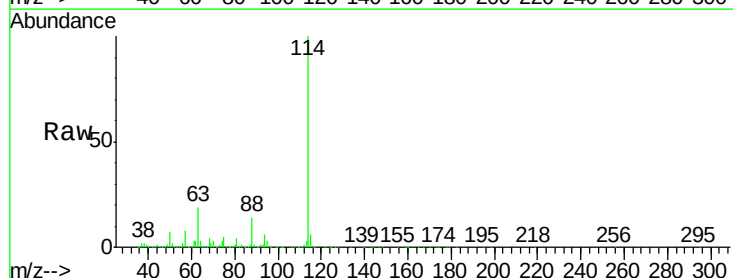
Tgt Ion: 114 Resp: 798306

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

88 14.4 0.0 29.6



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

6.86

400000

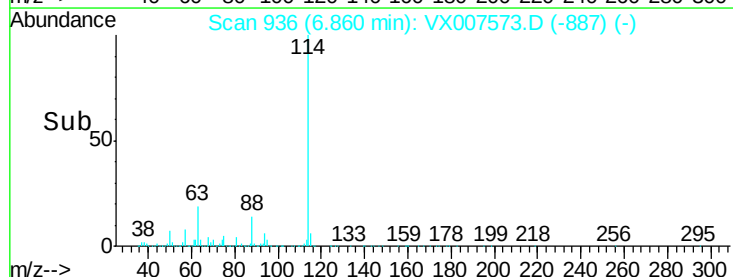
300000

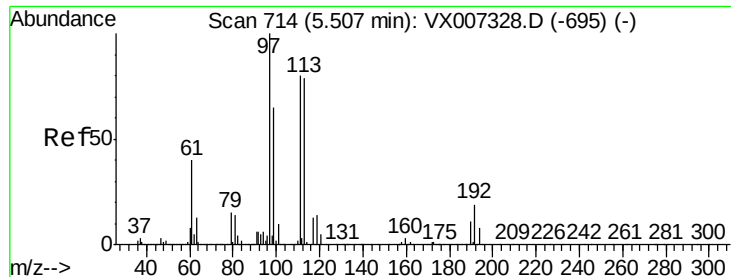
200000

100000

0

Time--> 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.771 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

WC-4DL

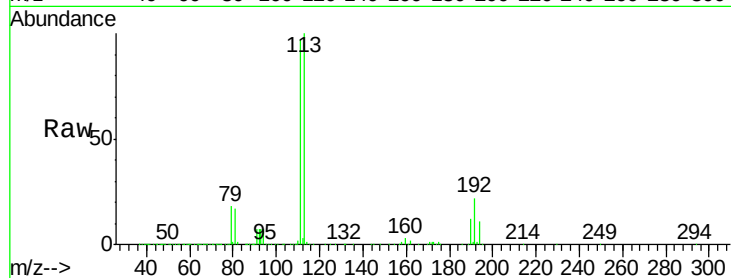
Tot Ion:113 Resp: 258527

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

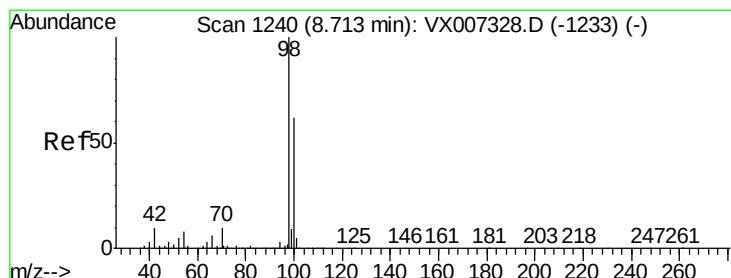
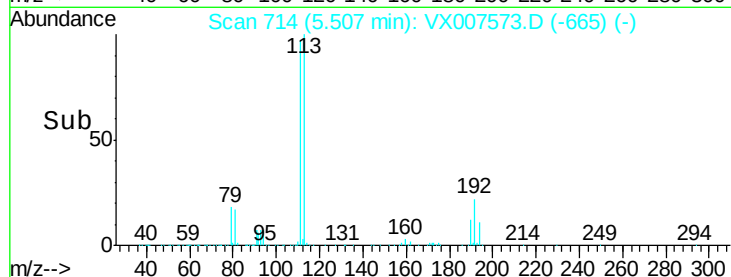
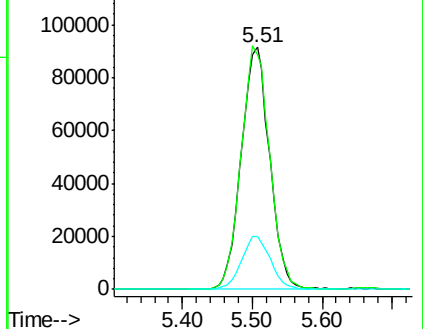
192 22.2 18.5 27.7



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: 50.005 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007573.D

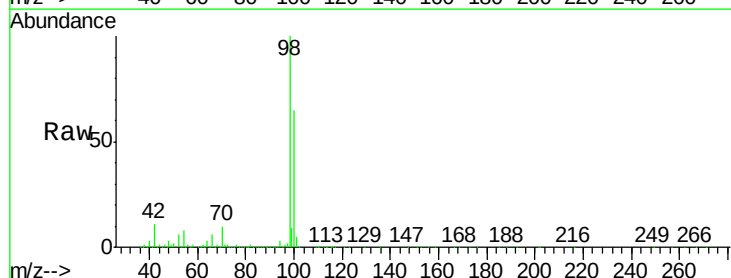
Acq: 15 Feb 2019 17:31

Tgt Ion: 98 Resp: 963684

Ion Ratio Lower Upper

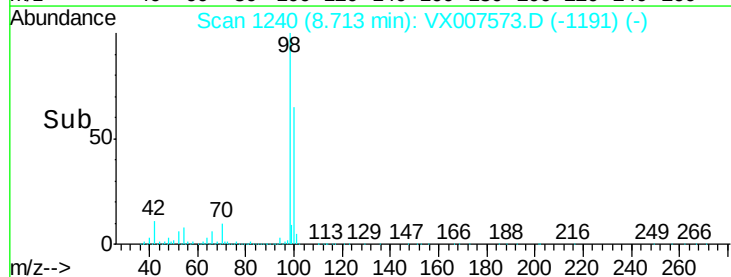
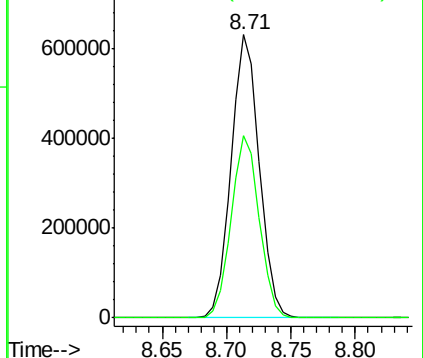
98 100

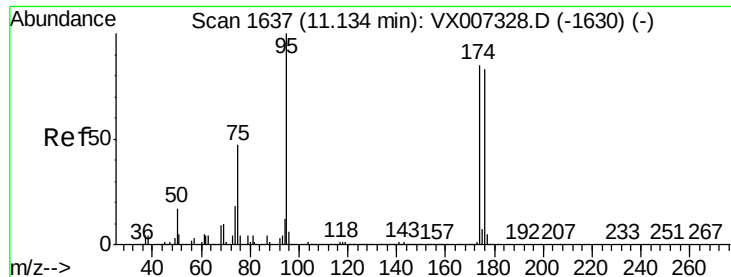
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.132 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

WC-4DL

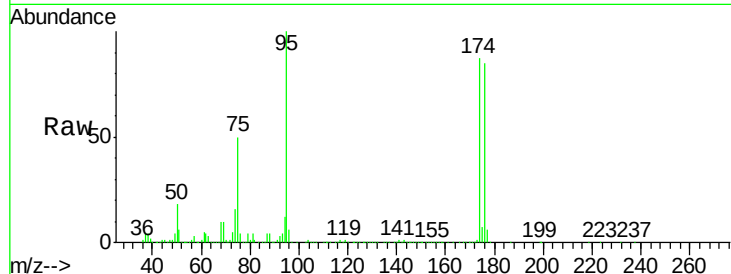
Tot Ion: 95 Resp: 338666

Ion Ratio Lower Upper

95 100

174 93.9 0.0 189.2

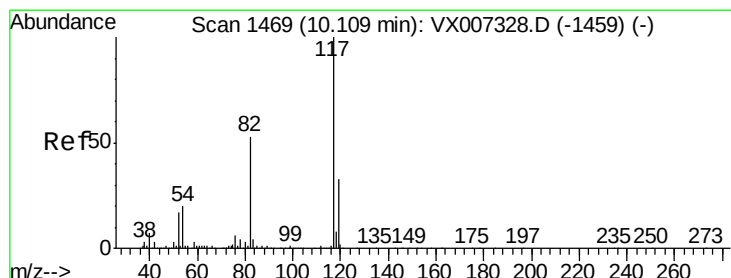
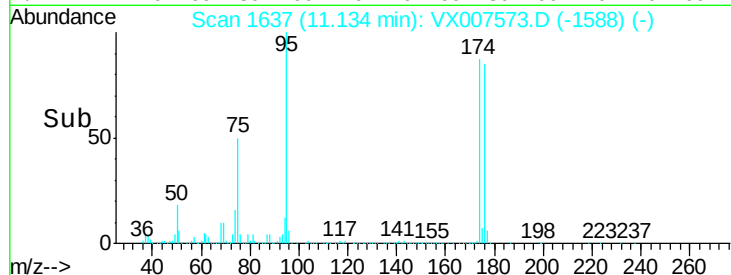
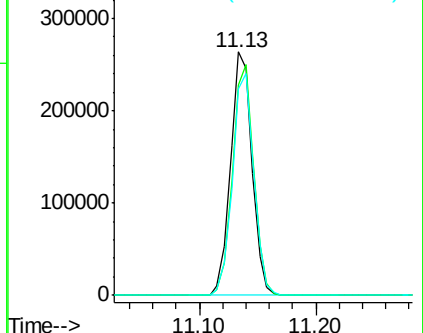
176 91.0 0.0 186.2



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

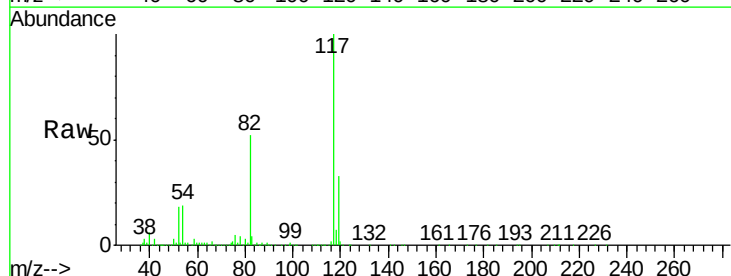
Tgt Ion: 117 Resp: 756180

Ion Ratio Lower Upper

117 100

82 52.2 42.1 63.1

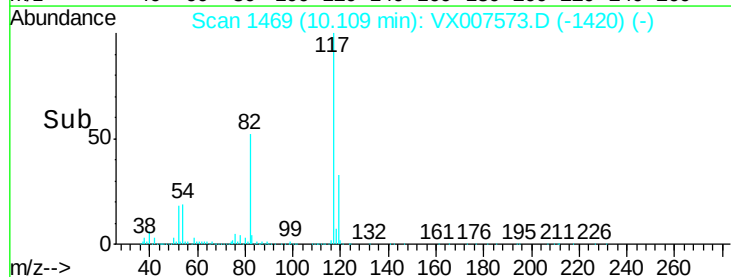
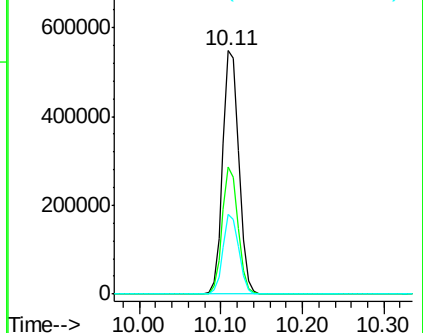
119 32.8 26.5 39.7

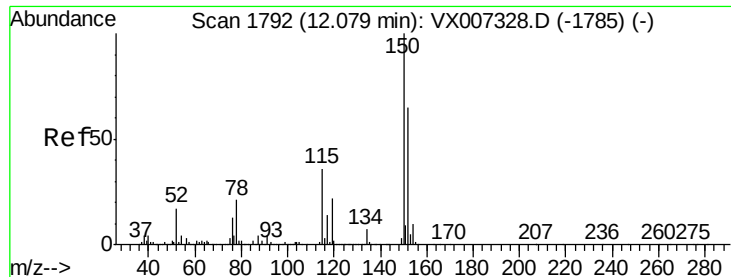


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

WC-4DL

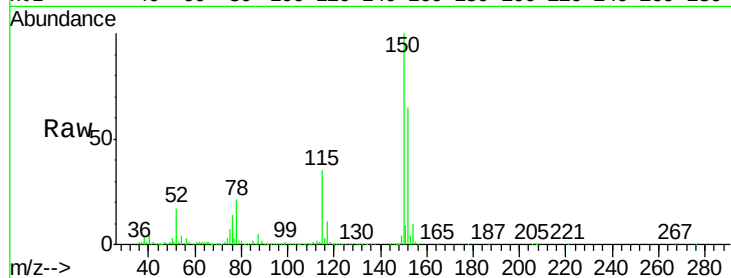
Tot Ion:152 Resp: 366338

Ion Ratio Lower Upper

152 100

115 54.5 38.0 114.0

150 155.8 0.0 346.4



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

