

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010927.D
 Acq On : 17 Jul 2019 11:50
 Operator : JC/SP
 Sample : K3834-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-5

Quant Time: Jul 18 03:22:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

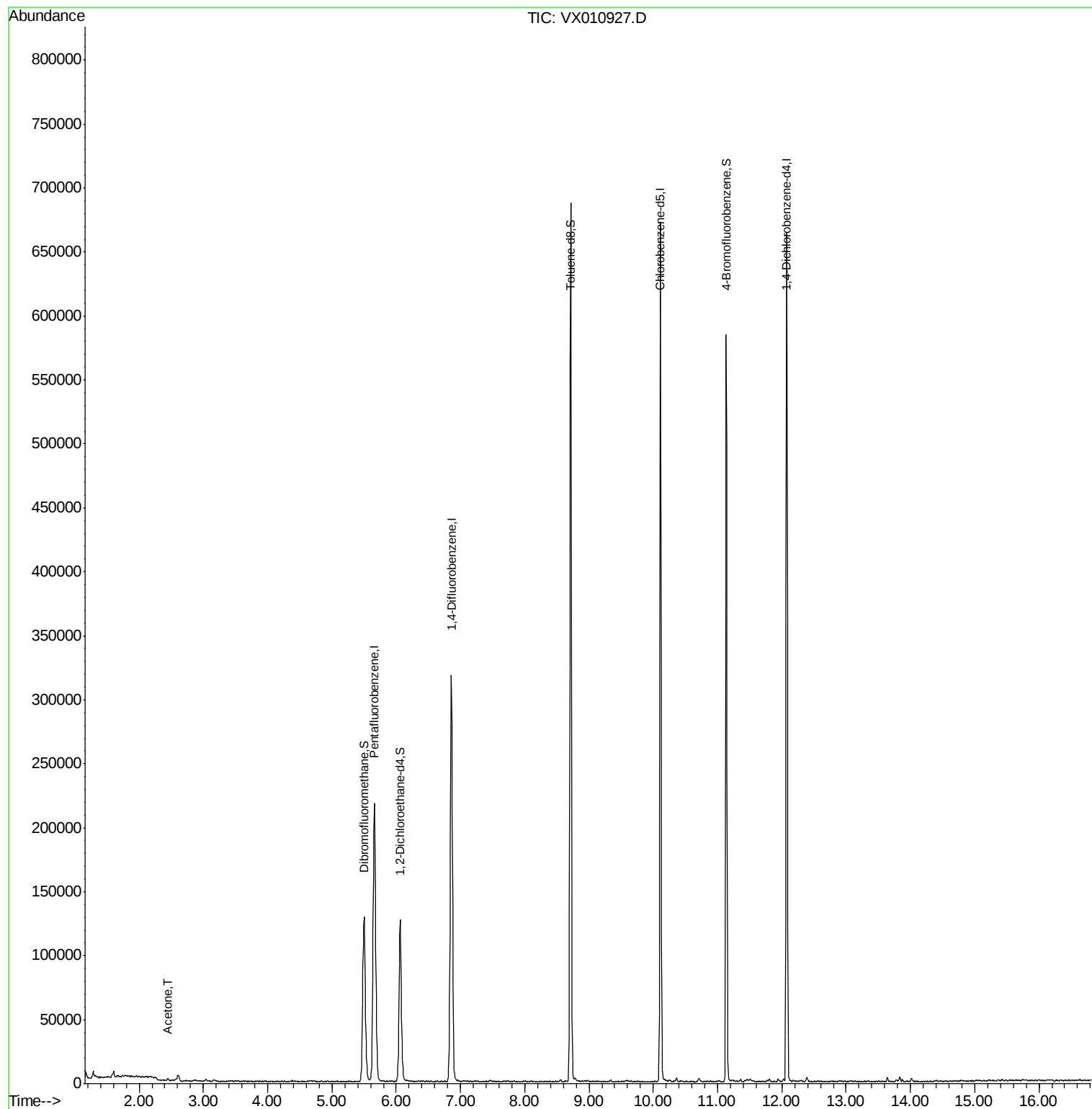
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113143	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	5.50	113	107266	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	8.71	98	412465	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.13	95	141533	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
Target Compounds						
16) Acetone	2.45	43	1701	1.620	ug/l	Qvalue 93

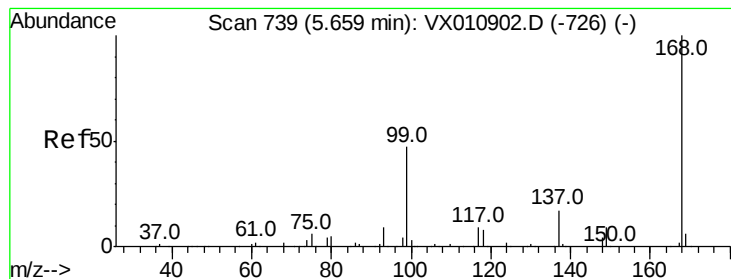
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010927.D

Acq: 17 Jul 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

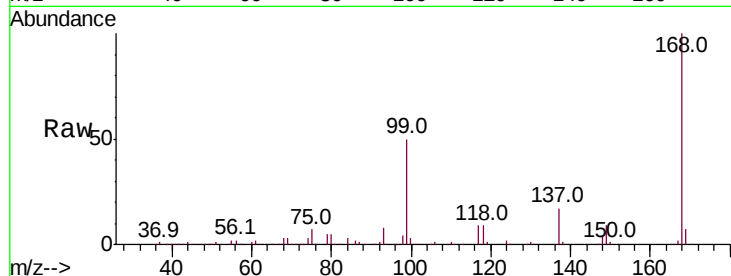
TW-5

Tot Ion:168 Resp: 218591

Ion Ratio Lower Upper

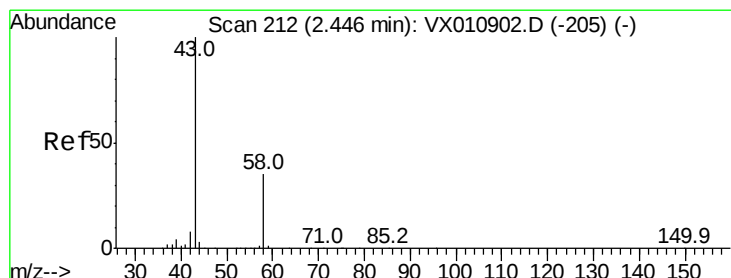
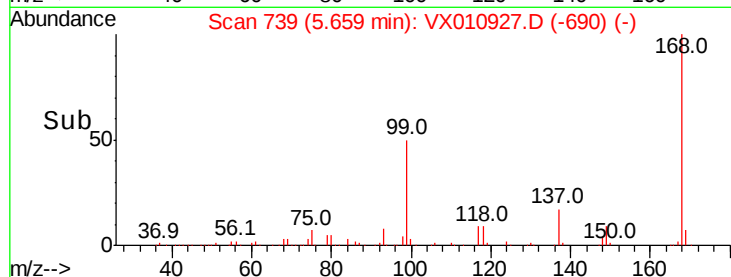
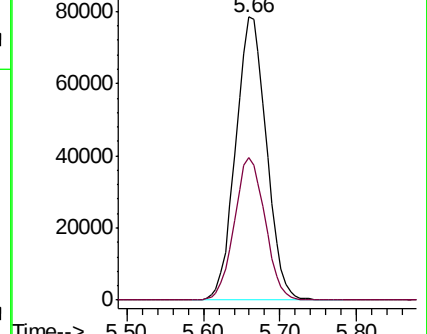
168 100

99 50.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.620 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010927.D

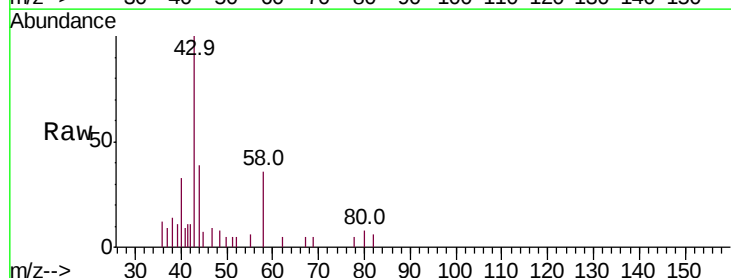
Acq: 17 Jul 2019 11:50

Tgt Ion: 43 Resp: 1701

Ion Ratio Lower Upper

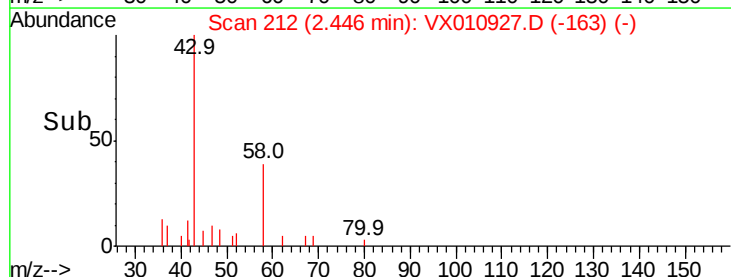
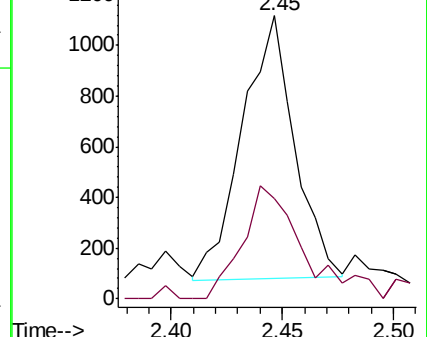
43 100

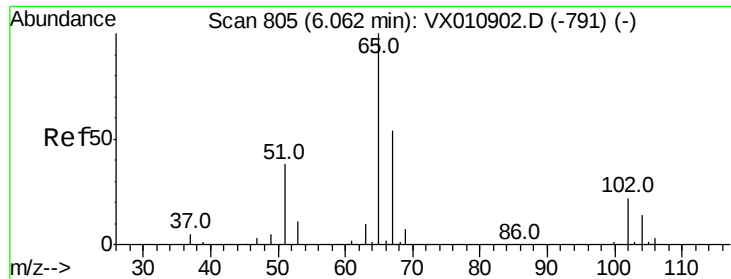
58 38.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.654 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010927.D

Acq: 17 Jul 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

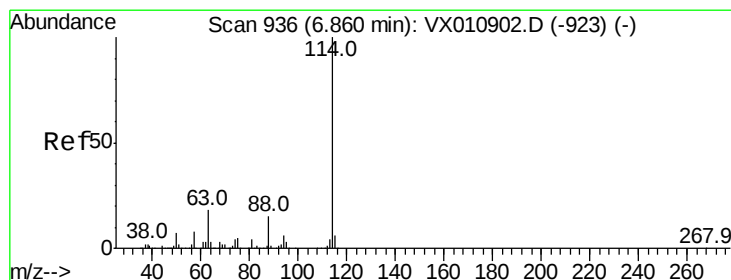
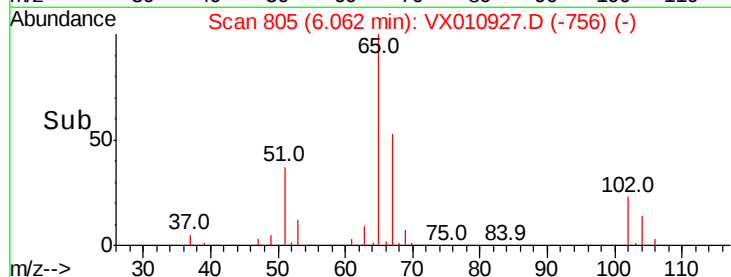
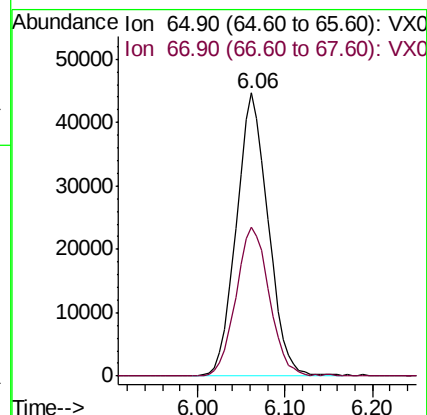
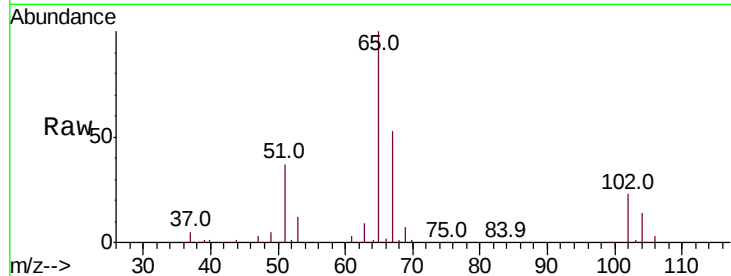
TW-5

Tot Ion: 65 Resp: 113143

Ion Ratio Lower Upper

65 100

67 55.1 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010927.D

Acq: 17 Jul 2019 11:50

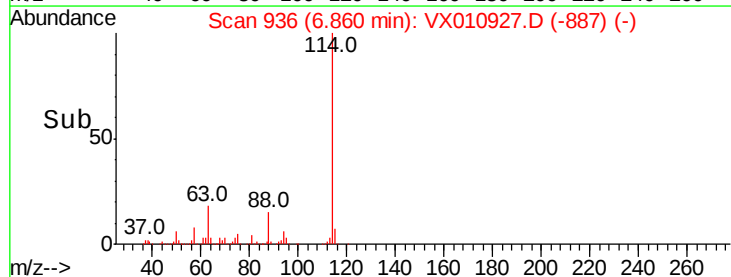
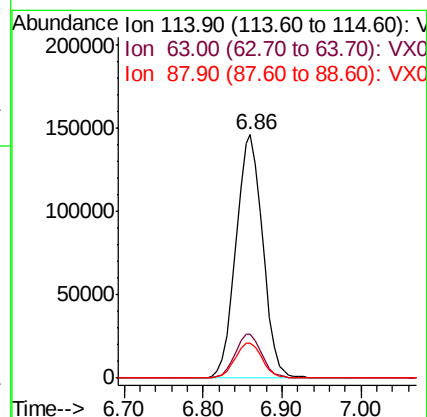
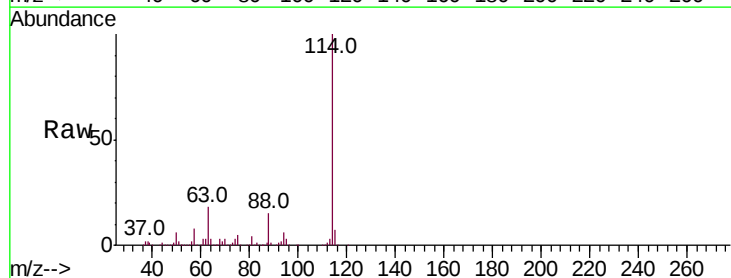
Tgt Ion: 114 Resp: 344241

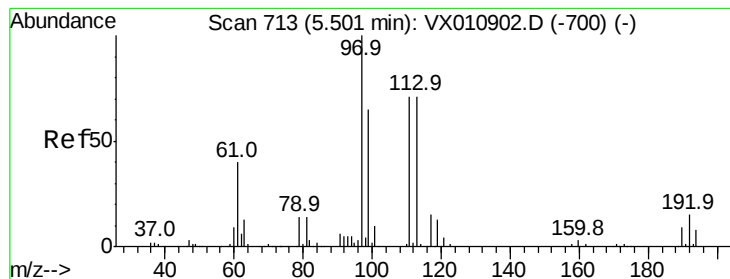
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 14.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.093 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010927.D

Acq: 17 Jul 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

TW-5

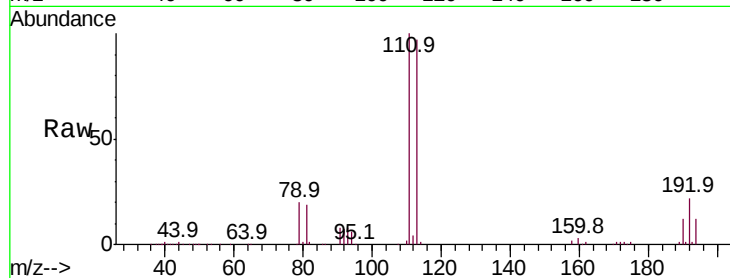
Tot Ion:113 Resp: 107266

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

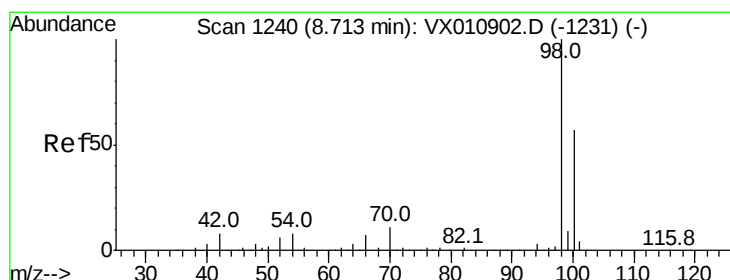
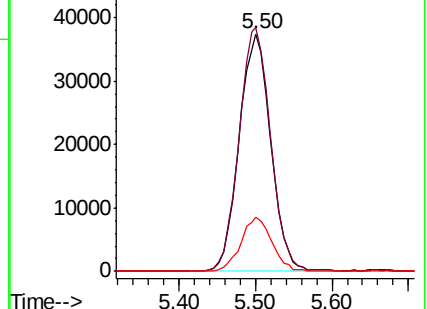
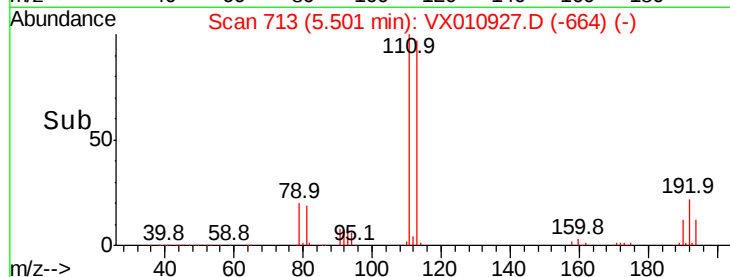
192 22.3 17.4 26.2



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: 50.331 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010927.D

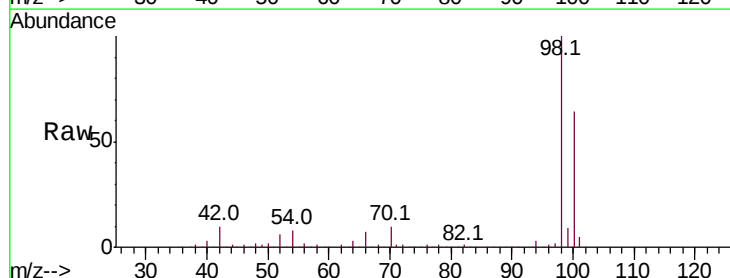
Acq: 17 Jul 2019 11:50

Tgt Ion: 98 Resp: 412465

Ion Ratio Lower Upper

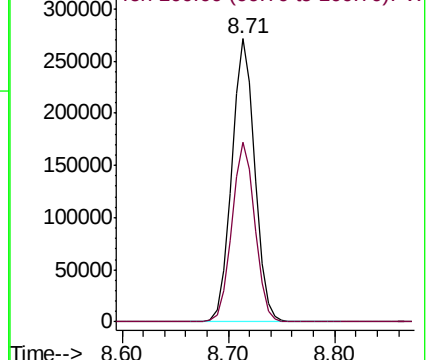
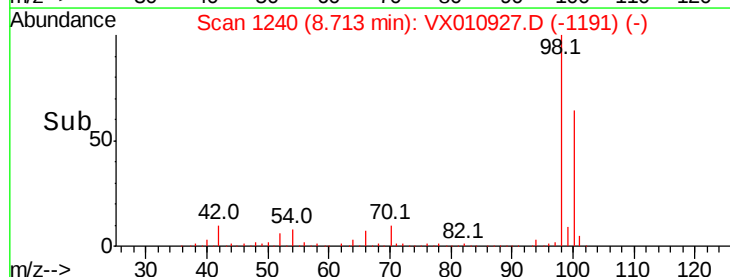
98 100

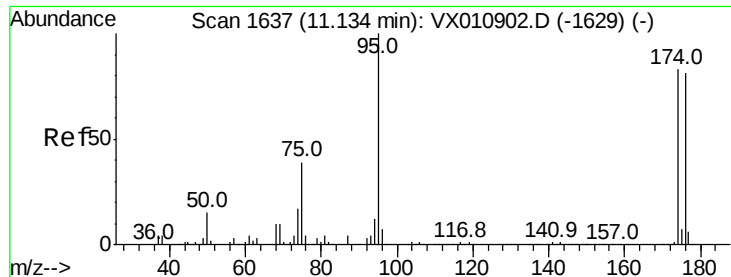
100 63.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.986 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010927.D

Acq: 17 Jul 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

TW-5

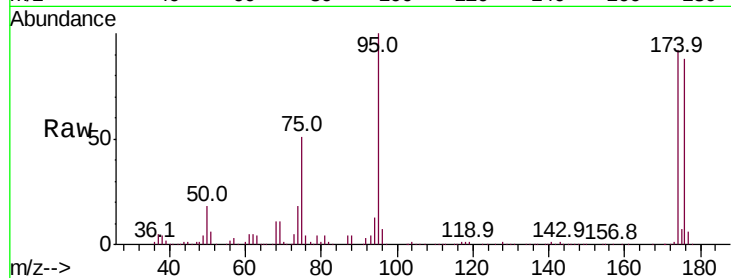
Tot Ion: 95 Resp: 141533

Ion Ratio Lower Upper

95 100

174 92.7 0.0 180.6

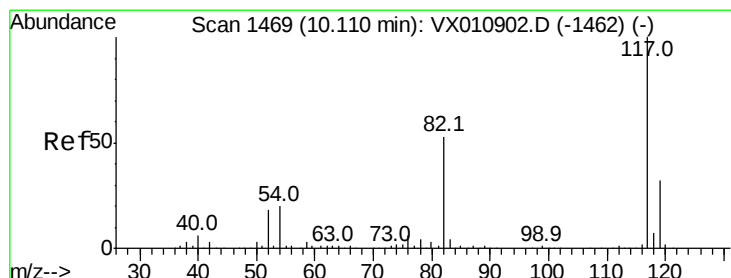
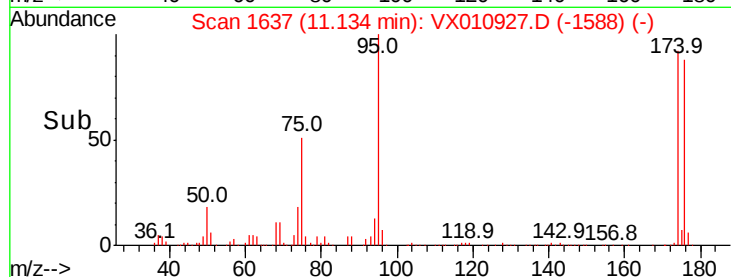
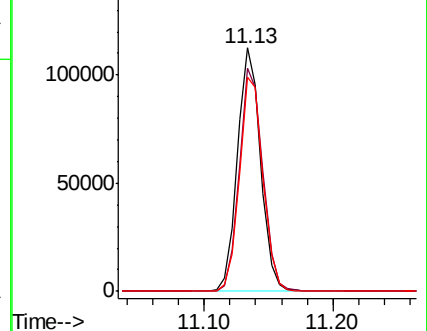
176 89.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010927.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010927.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010927.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010927.D

Acq: 17 Jul 2019 11:50

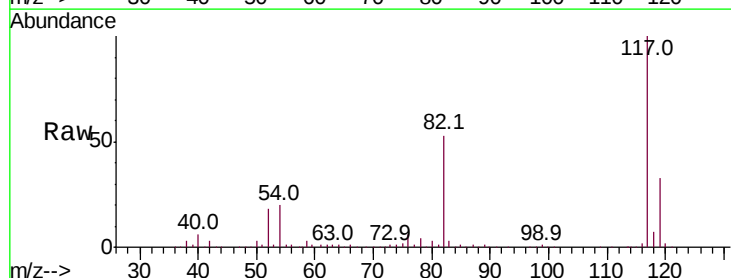
Tgt Ion: 117 Resp: 315047

Ion Ratio Lower Upper

117 100

82 52.6 42.6 63.8

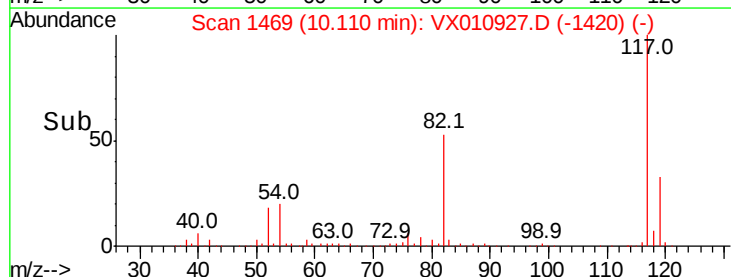
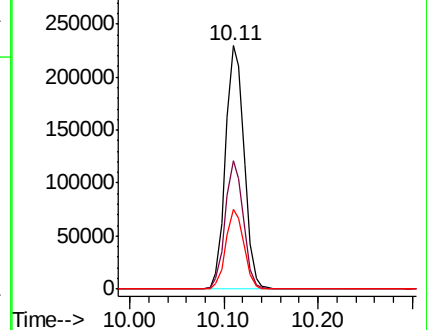
119 32.8 25.9 38.9

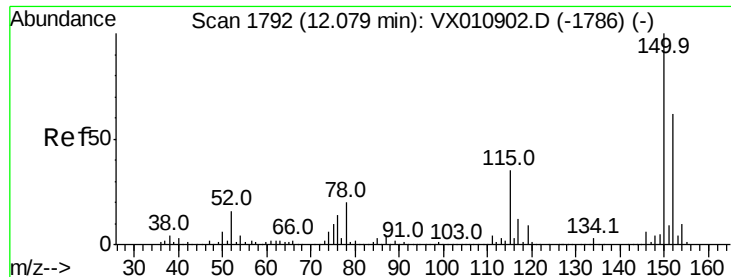


Abundance Ion 116.90 (116.60 to 117.60): VX010927.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010927.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010927.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010927.D

Acq: 17 Jul 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

TW-5

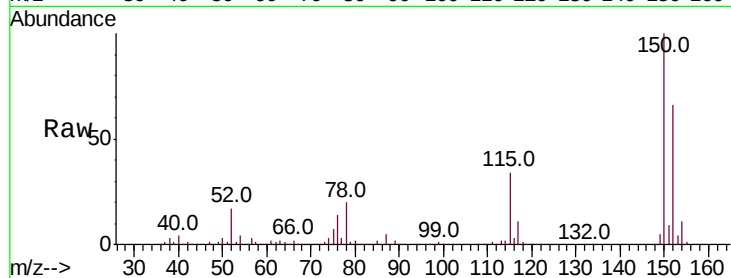
Tot Ion:152 Resp: 146980

Ion Ratio Lower Upper

152 100

115 54.9 39.7 119.1

150 155.2 0.0 345.6



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

