

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
 Data File : VX008436.D
 Acq On : 26 Mar 2019 01:38
 Operator : JC/SP
 Sample : K2059-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB032119

Quant Time: Mar 26 07:14:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

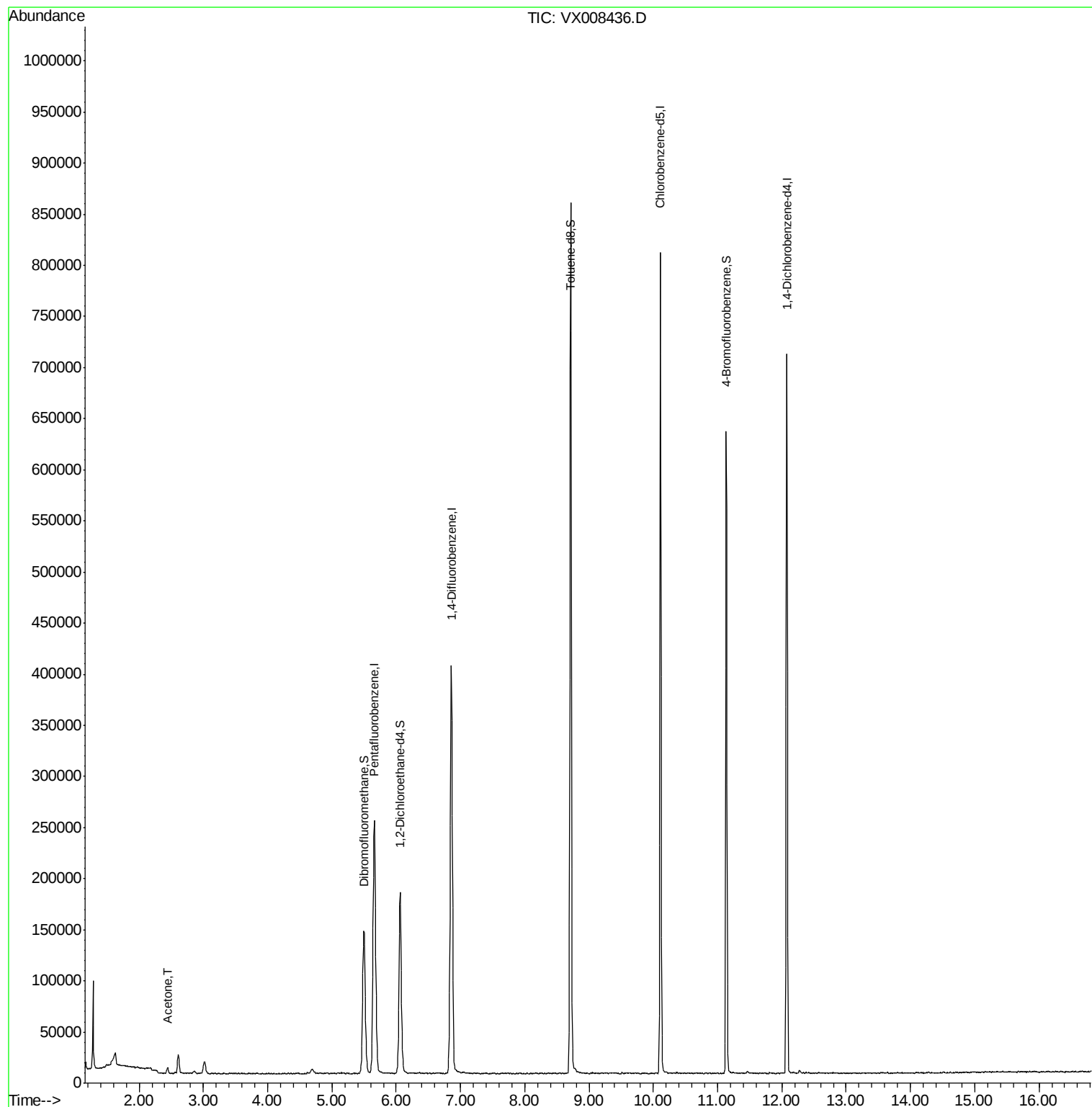
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	165475	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	5.50	113	121834	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	8.71	98	491468	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.13	95	165856	43.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.26%	
Target Compounds						
16) Acetone	2.44	43	6168	3.362	ug/l	Qvalue 99

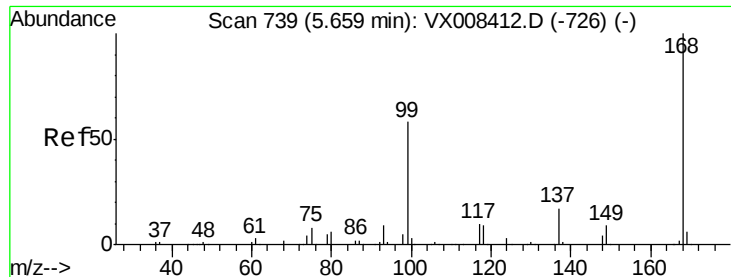
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008436.D

Acq: 26 Mar 2019 01:38

Instrument :

MSVOA_X

ClientSampleId :

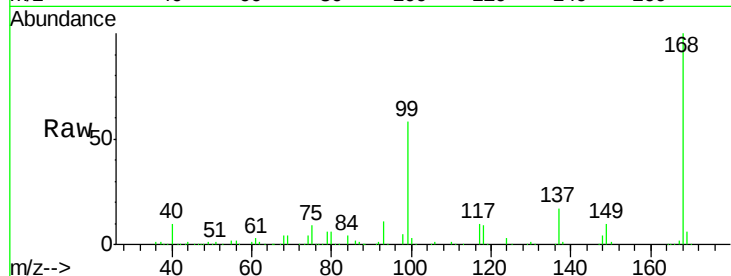
FB032119

Tot Ion:168 Resp: 231526

Ion Ratio Lower Upper

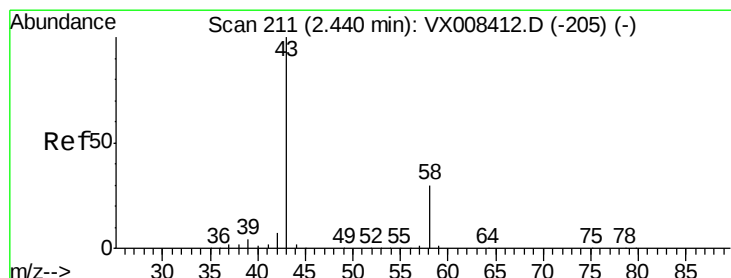
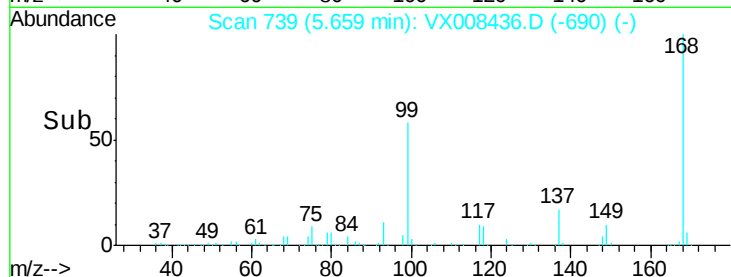
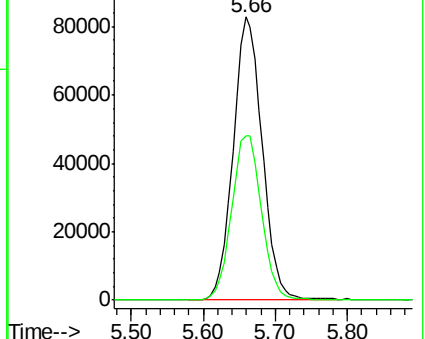
168 100

99 57.9 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.362 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008436.D

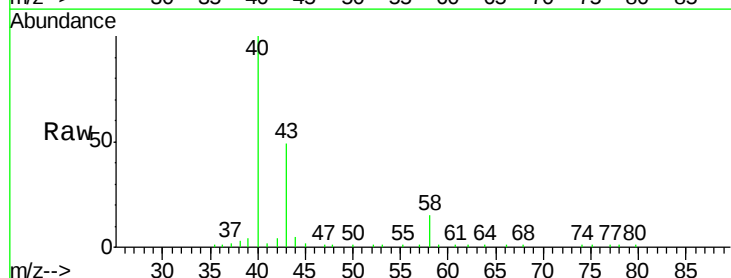
Acq: 26 Mar 2019 01:38

Tgt Ion: 43 Resp: 6168

Ion Ratio Lower Upper

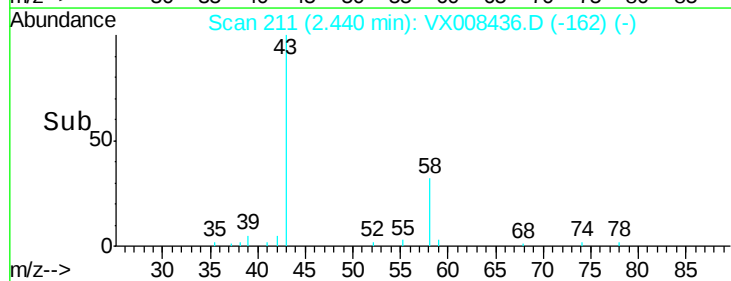
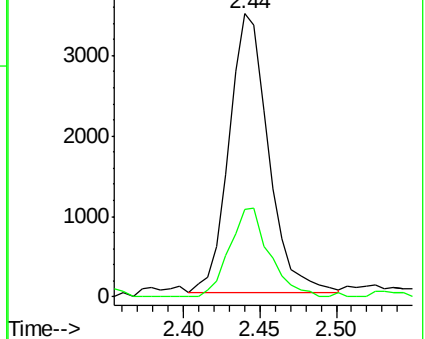
43 100

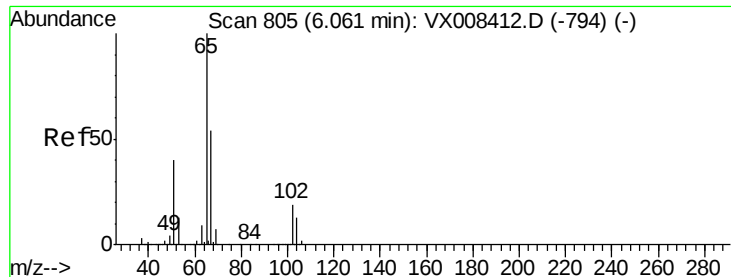
58 29.8 24.2 36.2



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: 47.144 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008436.D

Acq: 26 Mar 2019 01:38

Instrument :

MSVOA_X

ClientSampleId :

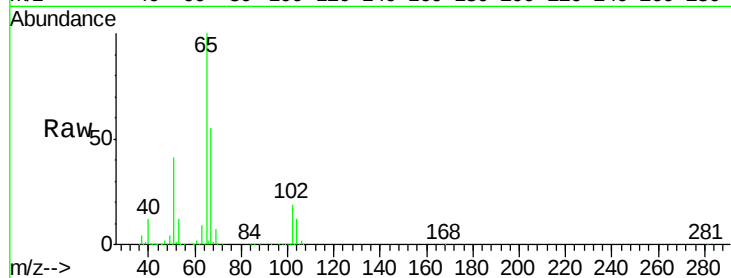
FB032119

Tot Ion: 65 Resp: 165475

Ion Ratio Lower Upper

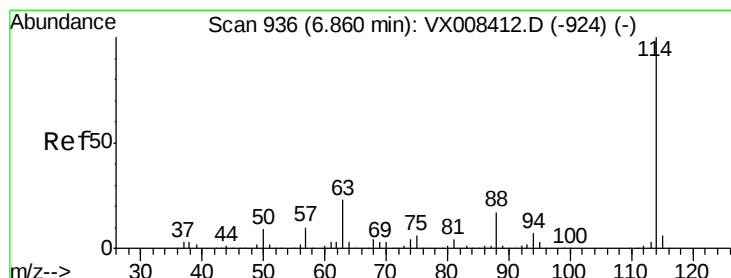
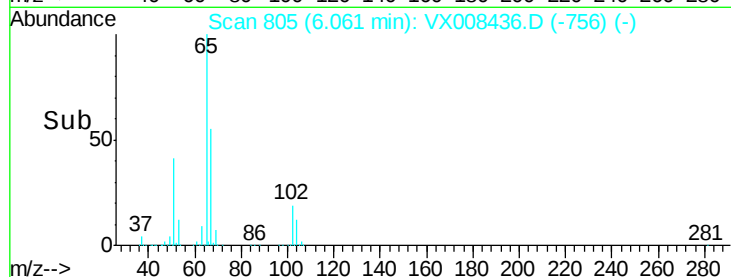
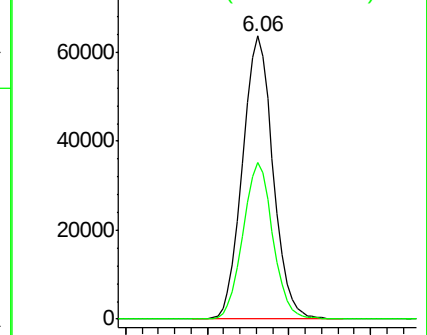
65 100

67 54.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008436.D

Acq: 26 Mar 2019 01:38

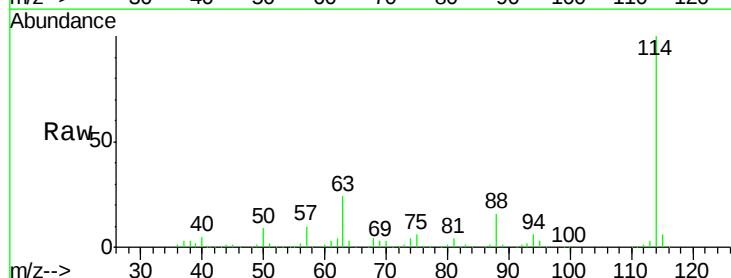
Tgt Ion: 114 Resp: 393488

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.4

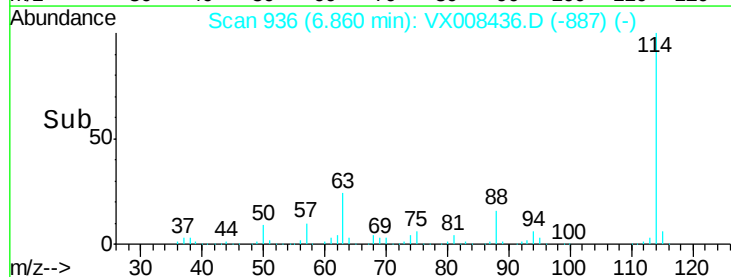
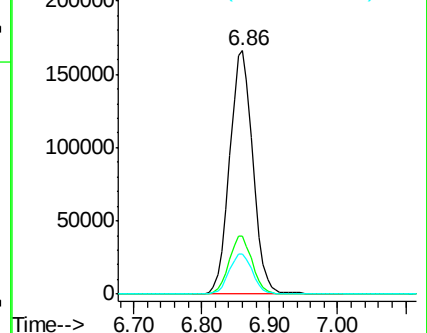
88 16.5 0.0 33.2

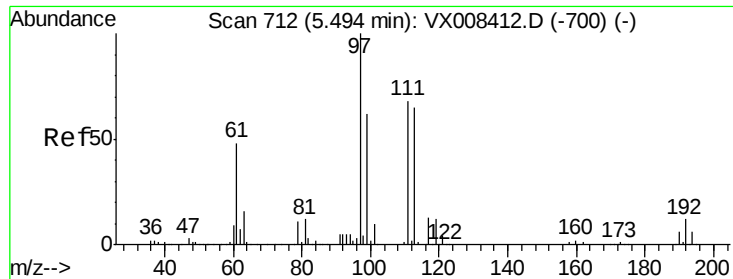


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

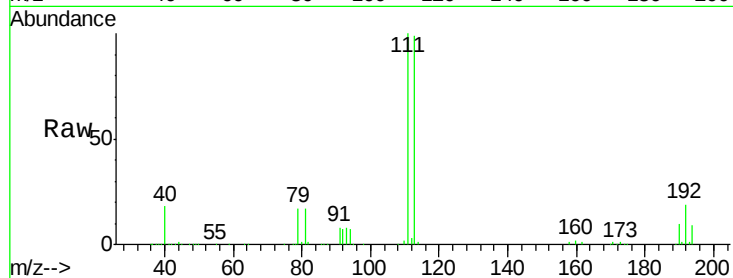




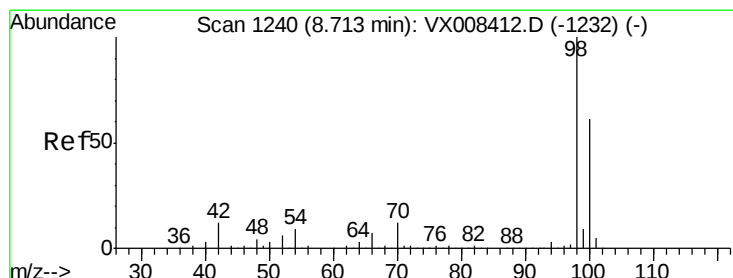
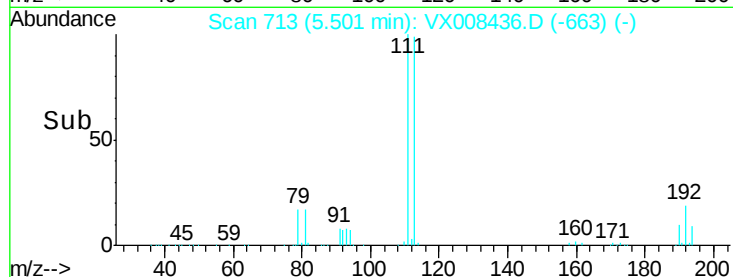
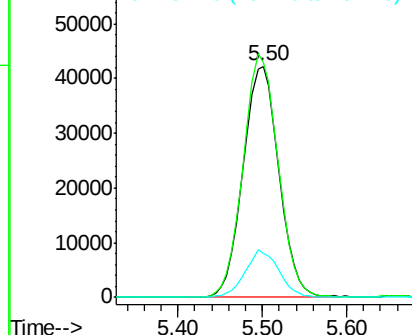
#35
 Dibromofluoromethane
 Concen: 47.485 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008436.D
 Acq: 26 Mar 2019 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FB032119

Tot Ion:113 Resp: 121834
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.0 124.4
 192 19.4 15.6 23.4

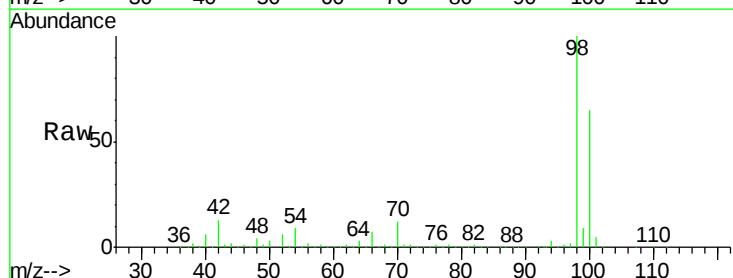


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

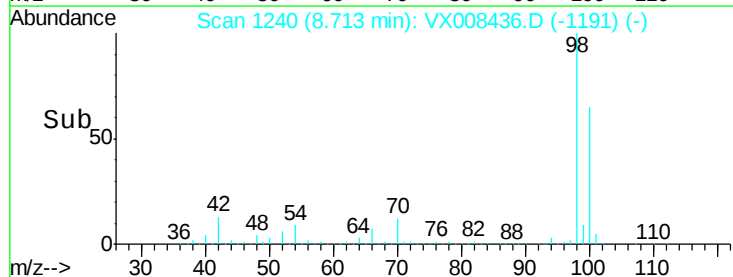
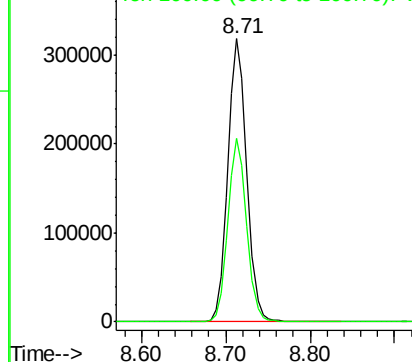


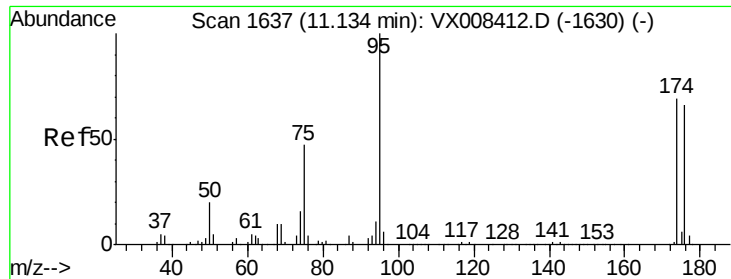
#50
 Toluene-d8
 Concen: 47.905 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008436.D
 Acq: 26 Mar 2019 01:38

Tgt Ion: 98 Resp: 491468
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.627 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008436.D

Acq: 26 Mar 2019 01:38

Instrument :

MSVOA_X

ClientSampleId :

FB032119

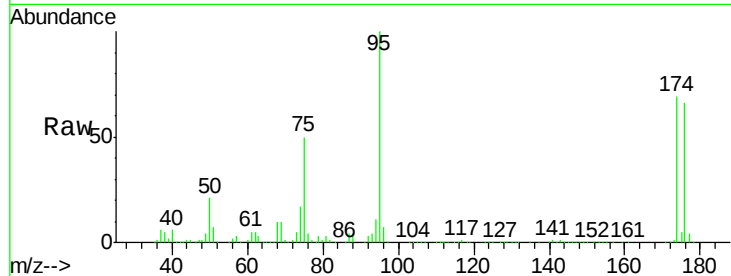
Tot Ion: 95 Resp: 165856

Ion Ratio Lower Upper

95 100

174 73.8 0.0 147.2

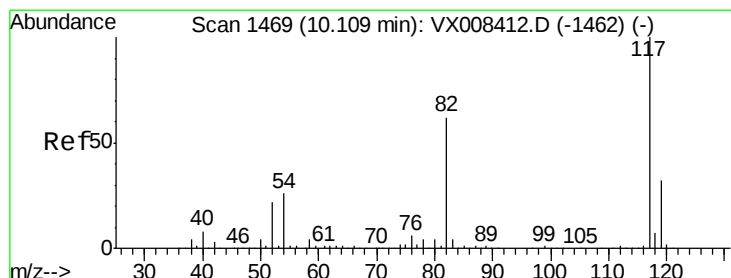
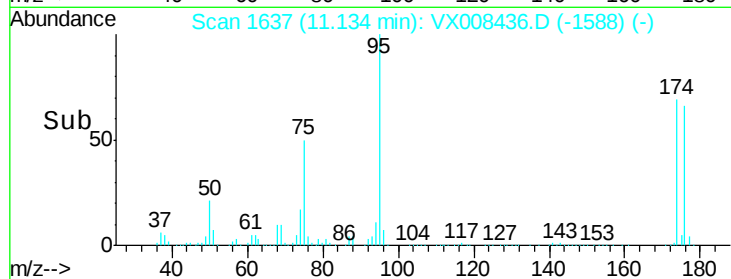
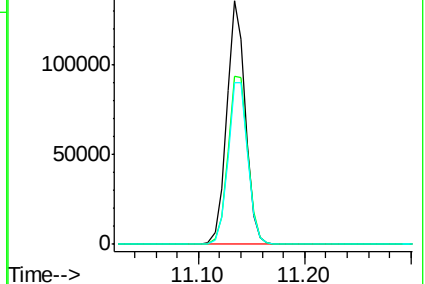
176 70.9 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX008412.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008412.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008412.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008436.D

Acq: 26 Mar 2019 01:38

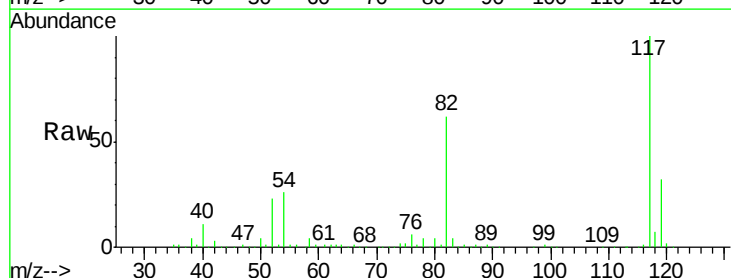
Tgt Ion: 117 Resp: 335576

Ion Ratio Lower Upper

117 100

82 62.3 49.4 74.2

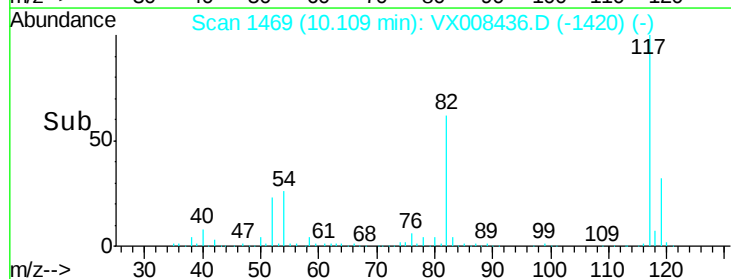
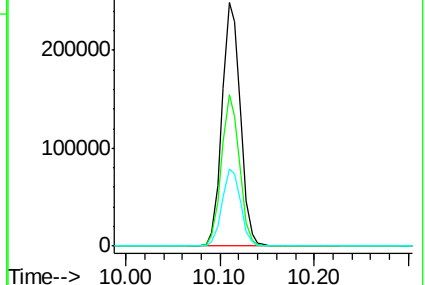
119 31.9 25.4 38.0

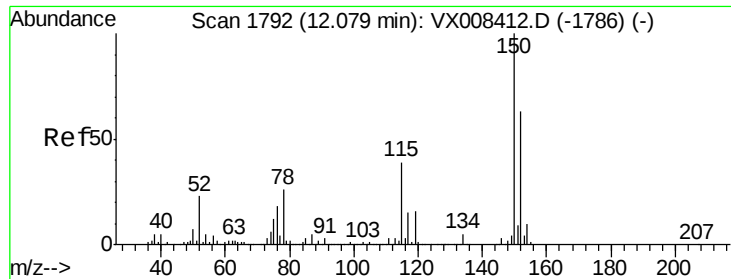


Abundance Ion 116.90 (116.60 to 117.60): VX008412.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008412.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008412.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: VX008436.D

Acq: 26 Mar 2019 01:38

Instrument :

MSVOA_X

ClientSampleId :

FB032119

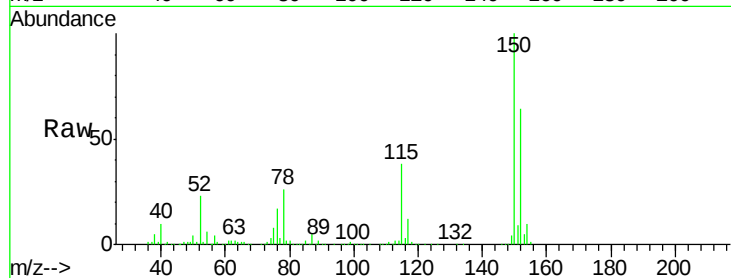
Tot Ion:152 Resp: 138154

Ion Ratio Lower Upper

152 100

115 61.3 43.5 130.5

150 157.0 0.0 348.8



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

