

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
 Data File : VX010912.D
 Acq On : 16 Jul 2019 17:29
 Operator : JC/SP
 Sample : K3749-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB071019

Quant Time: Jul 17 05:16:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

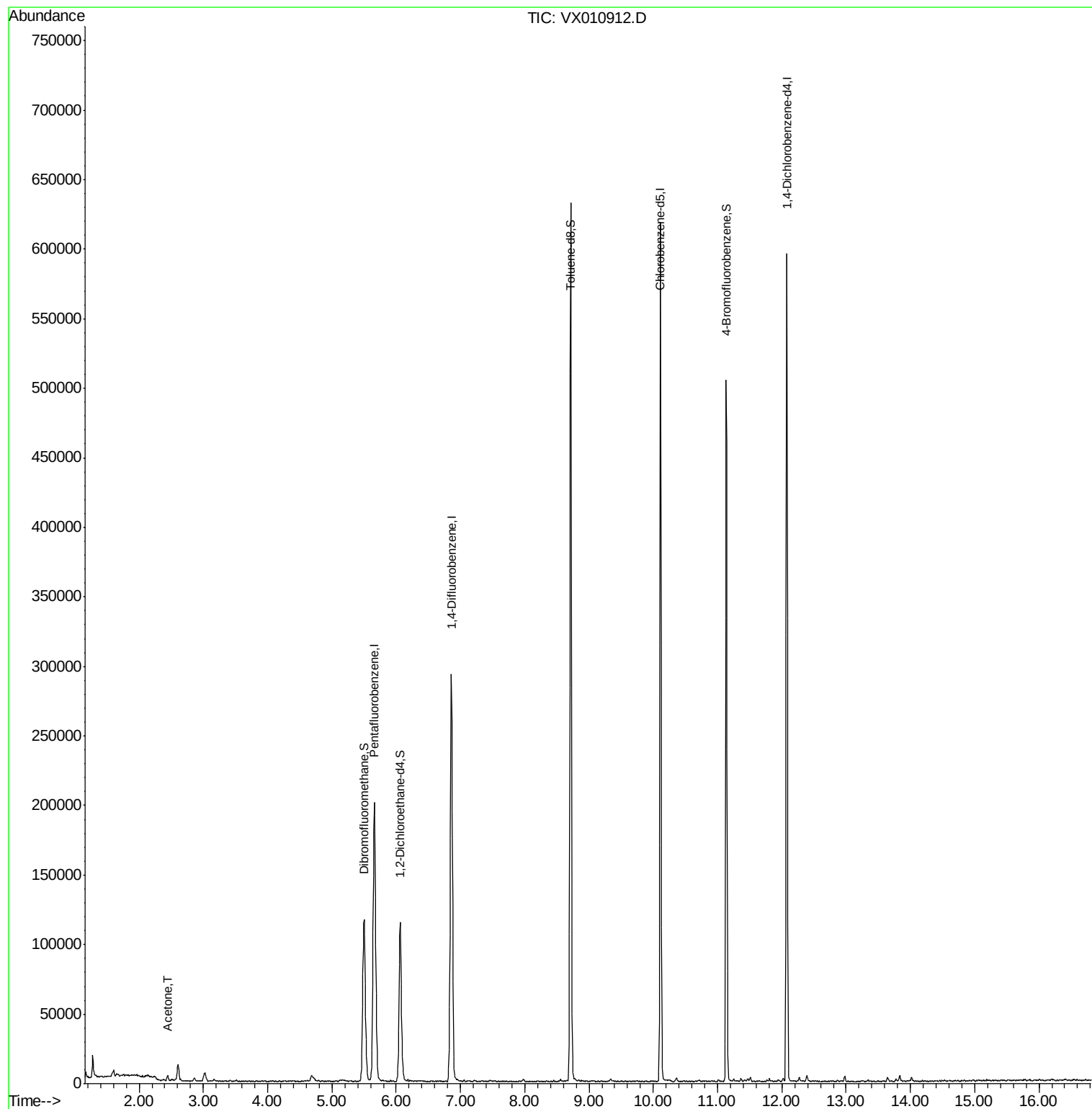
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105419	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	5.50	113	97677	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	8.71	98	375043	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	128269	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
16) Acetone	2.44	43	4055	4.149	ug/l	Qvalue 97

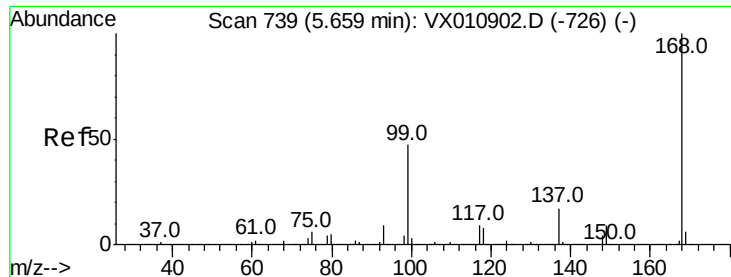
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010912.D

Acq: 16 Jul 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

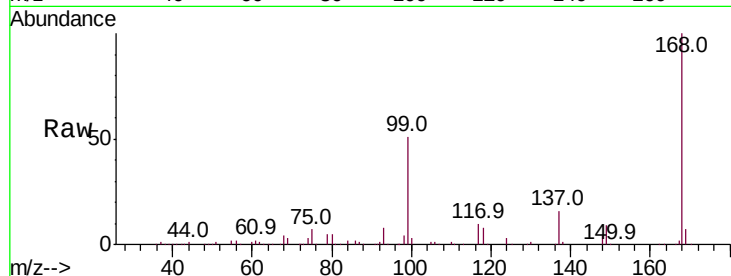
FB071019

Tot Ion:168 Resp: 203403

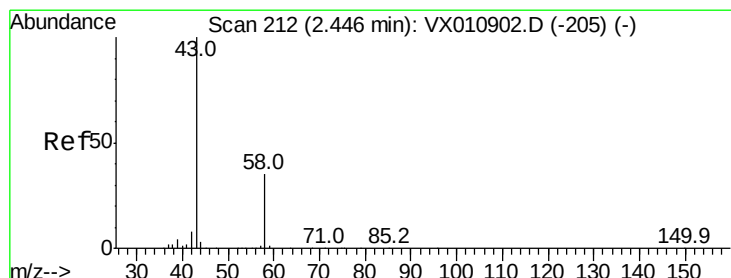
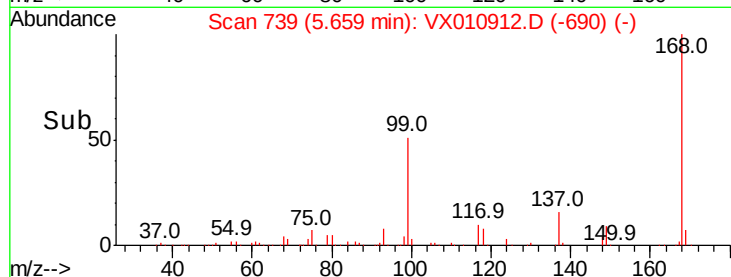
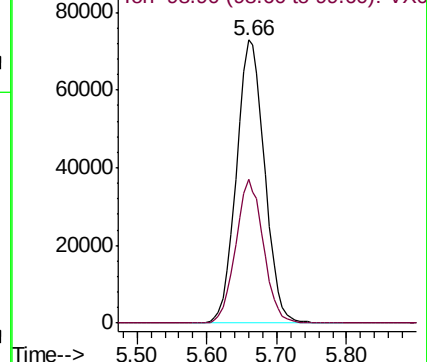
Ion Ratio Lower Upper

168 100

99 50.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX010912.D (-690) (-)



#16

Acetone

Concen: 4.149 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010912.D

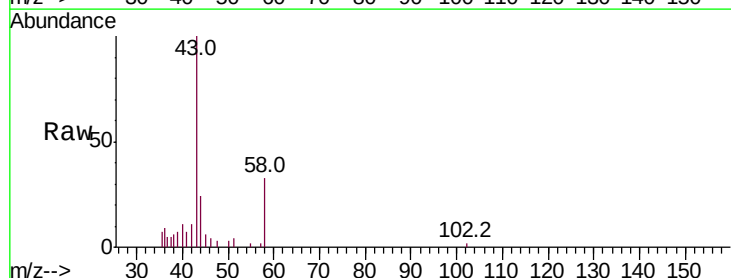
Acq: 16 Jul 2019 17:29

Tgt Ion: 43 Resp: 4055

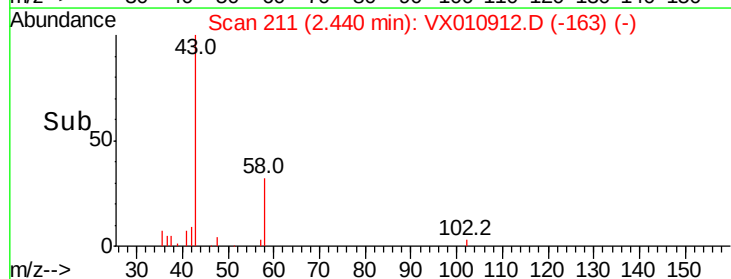
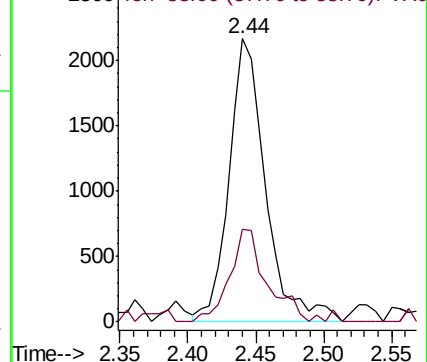
Ion Ratio Lower Upper

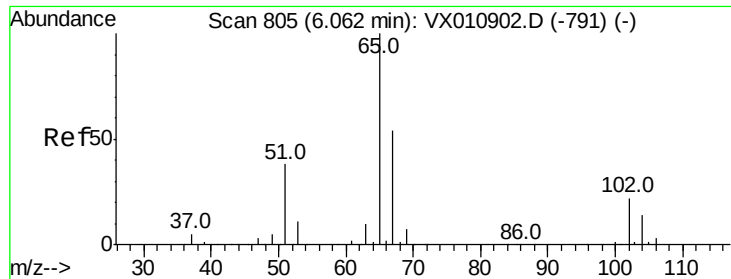
43 100

58 32.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX010912.D (-163) (-)

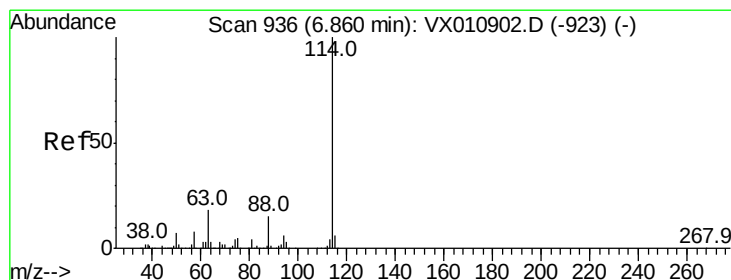
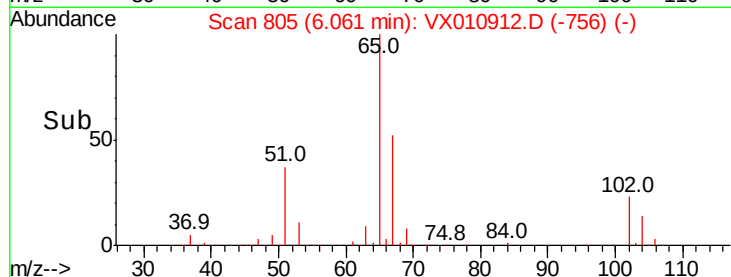
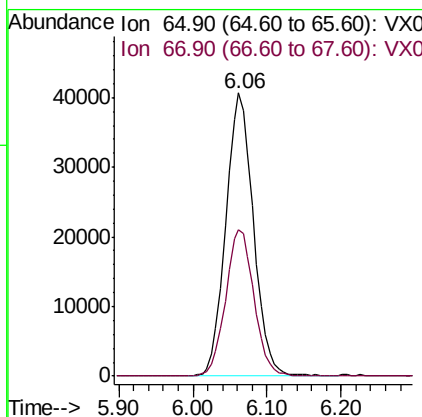
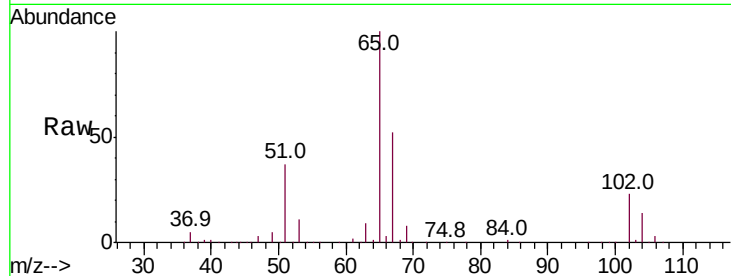




#33
 1,2-Dichloroethane-d4
 Concen: 48.717 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010912.D
 Acq: 16 Jul 2019 17:29

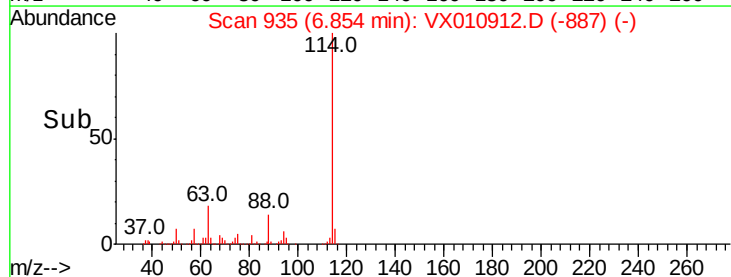
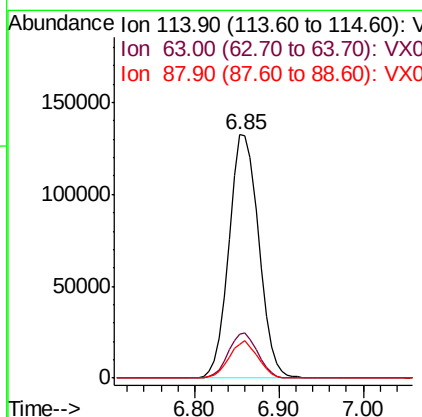
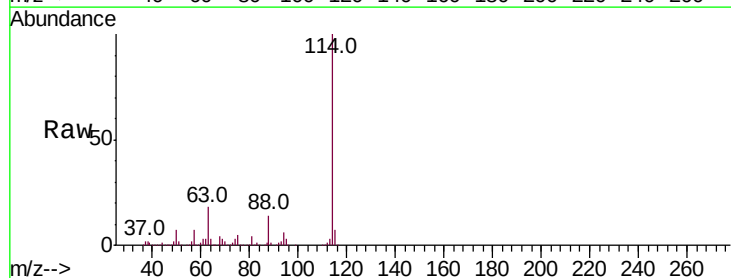
Instrument :
 MSVOA_X
 ClientSampleId :
 FB071019

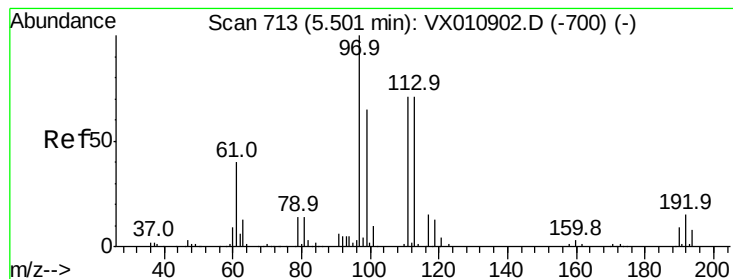
Tot Ion: 65 Resp: 105419
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010912.D
 Acq: 16 Jul 2019 17:29

Tgt Ion: 114 Resp: 317844
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 13.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.417 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010912.D

Acq: 16 Jul 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

FB071019

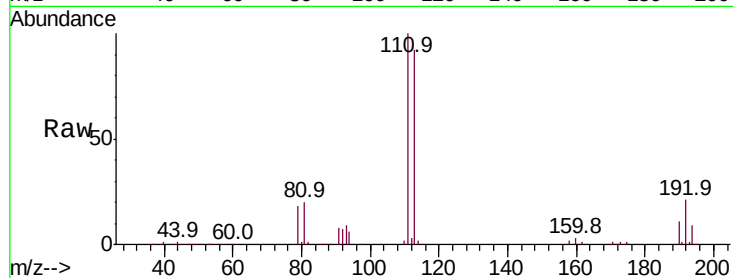
Tot Ion:113 Resp: 97677

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

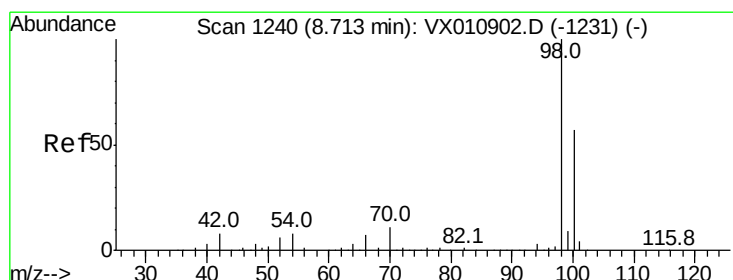
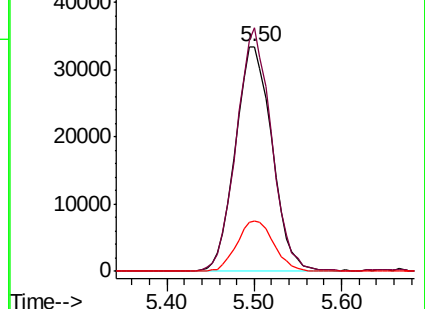
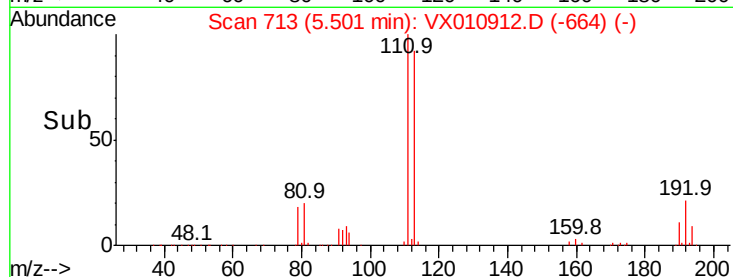
192 22.6 17.4 26.2



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: 49.565 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010912.D

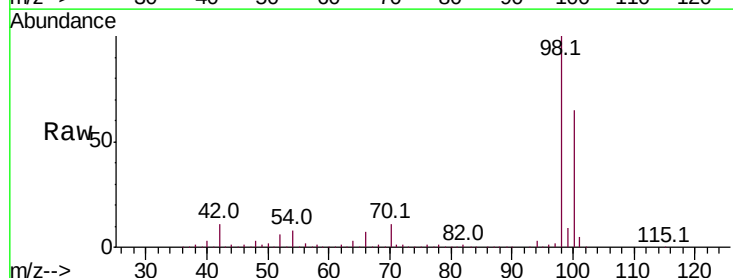
Acq: 16 Jul 2019 17:29

Tgt Ion: 98 Resp: 375043

Ion Ratio Lower Upper

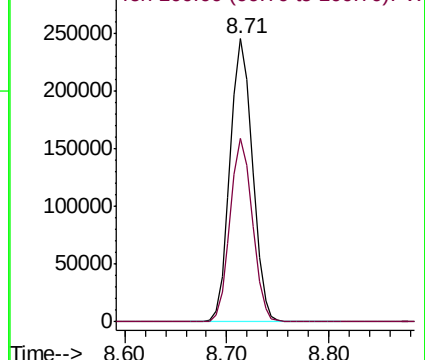
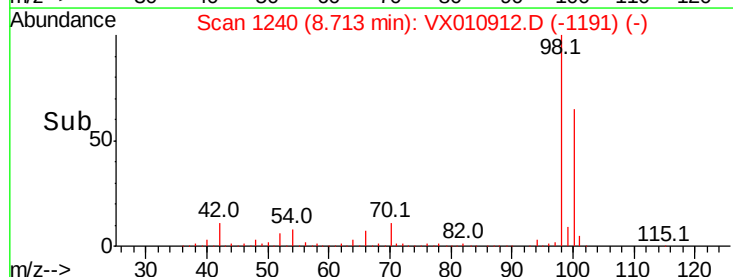
98 100

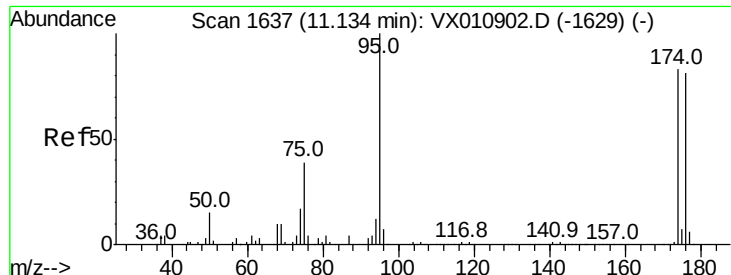
100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

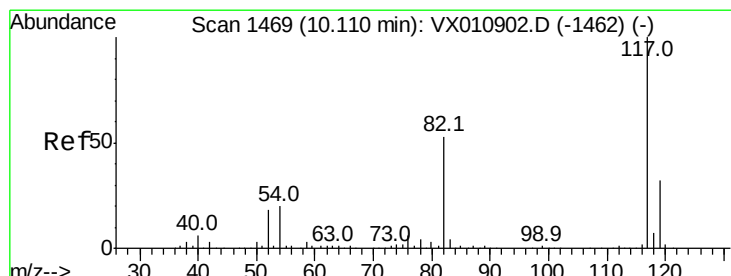
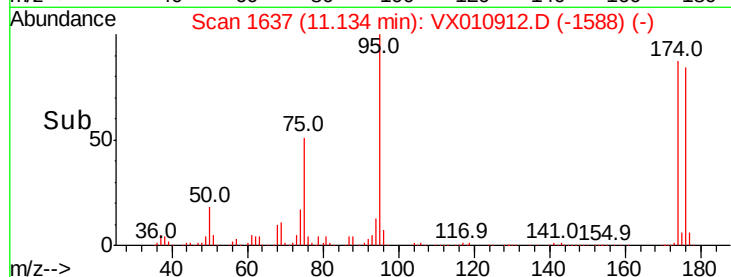
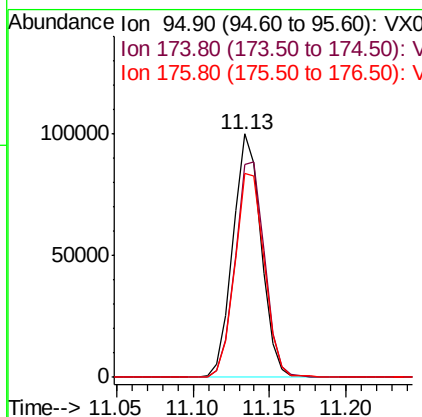
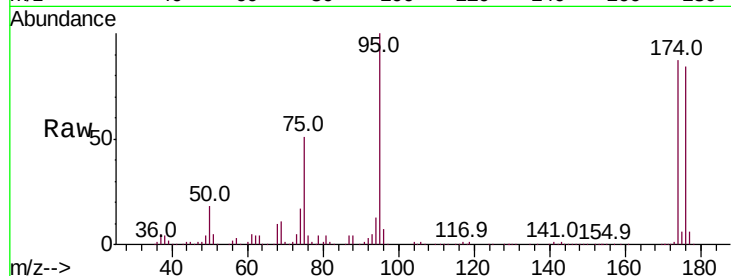




#62
4-Bromofluorobenzene
Concen: 46.119 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010912.D
Acq: 16 Jul 2019 17:29

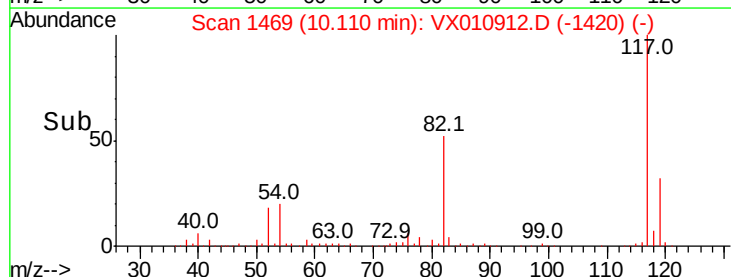
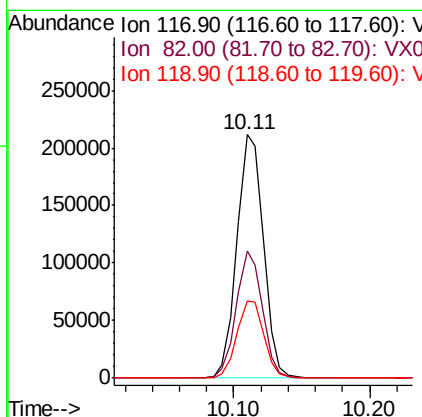
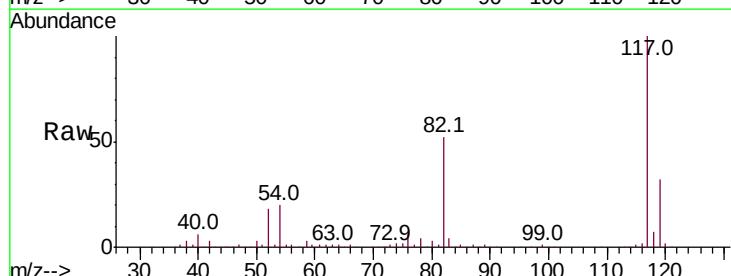
Instrument :
MSVOA_X
ClientSampleId :
FB071019

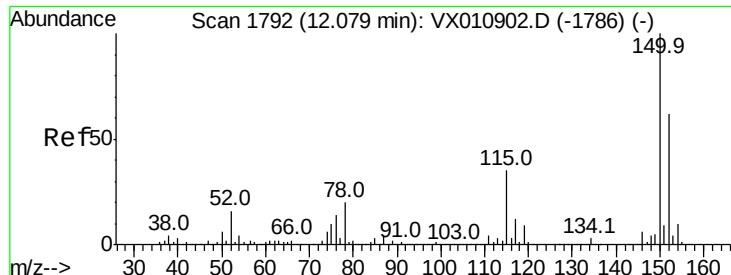
Tot Ion: 95 Resp: 128269
Ion Ratio Lower Upper
95 100
174 91.9 0.0 180.6
176 87.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010912.D
Acq: 16 Jul 2019 17:29

Tgt Ion: 117 Resp: 287799
Ion Ratio Lower Upper
117 100
82 52.4 42.6 63.8
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010912.D

Acq: 16 Jul 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

FB071019

Tot Ion:152 Resp: 131023

Ion Ratio Lower Upper

152 100

115 56.0 39.7 119.1

150 155.7 0.0 345.6

