

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012071.D
 Acq On : 05 Sep 2019 01:01
 Operator : SY/SP
 Sample : K4545-03
 Misc : 4.76g/5.0mL/MSVOA X/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E4-(0)

Quant Time: Sep 05 06:01:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

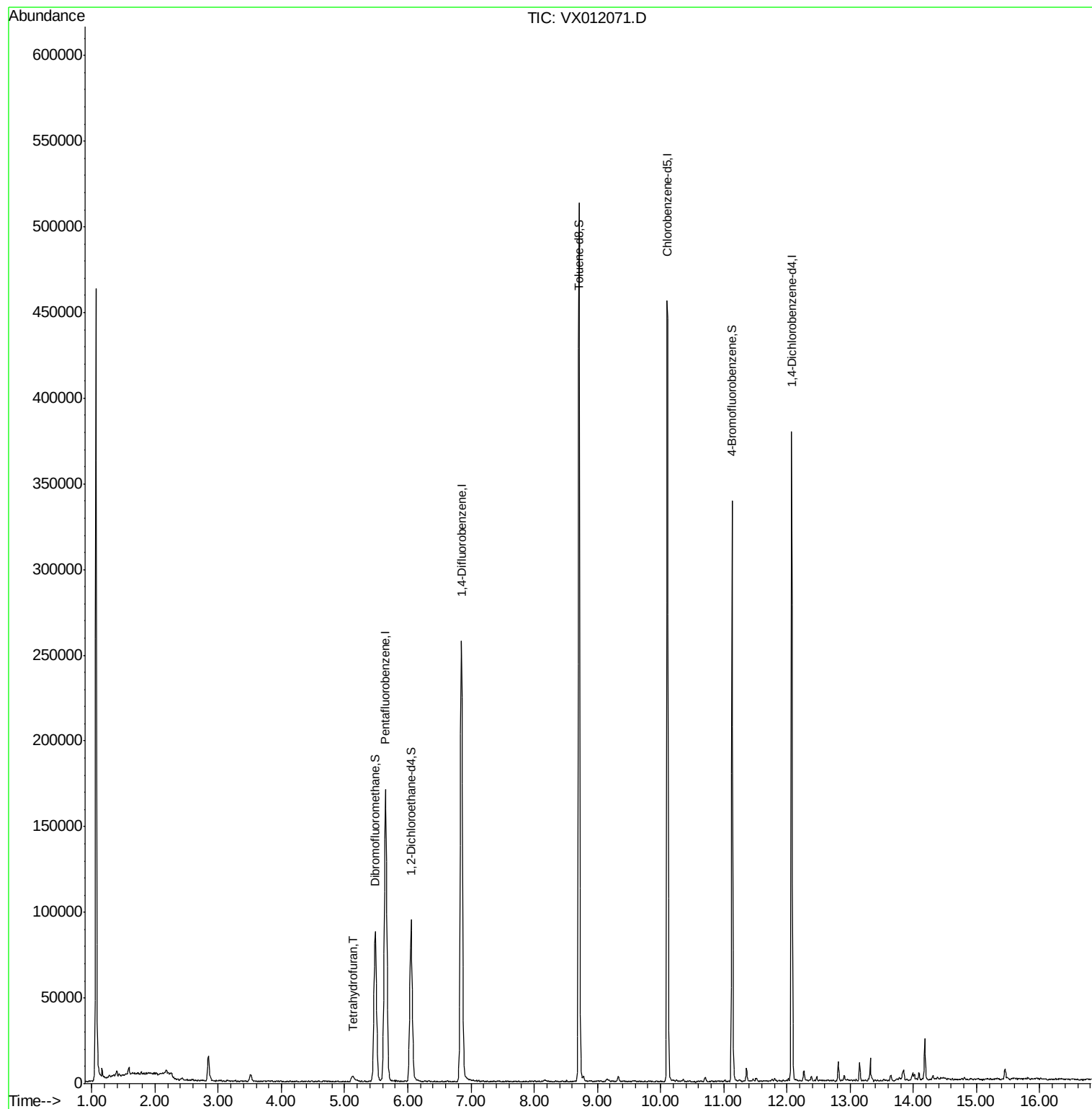
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	142949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	198505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	69478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	96055	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	5.48	113	74406	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	288068	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	98153	37.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.82%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	3340	9.237	ug/l	Qvalue 99

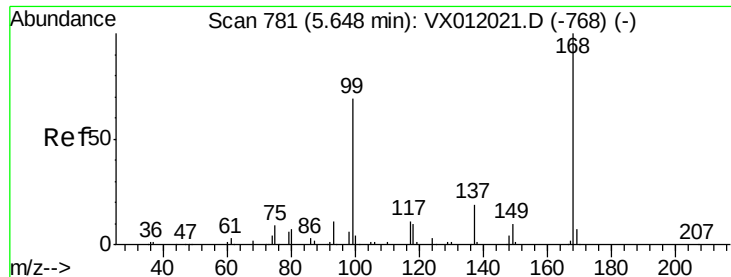
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012071.D

Acq: 05 Sep 2019 01:01

Instrument :

MSVOA_X

ClientSampleId :

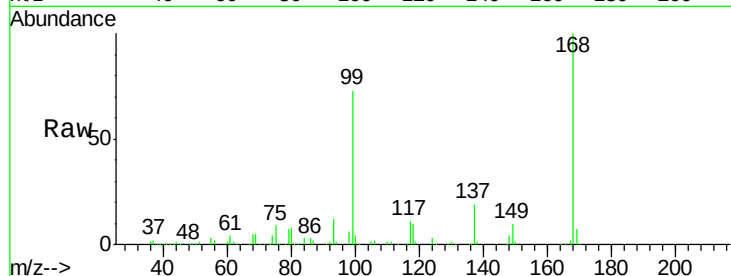
T16-17-E4-(0)

Tot Ion:168 Resp: 142949

Ion Ratio Lower Upper

168 100

99 73.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

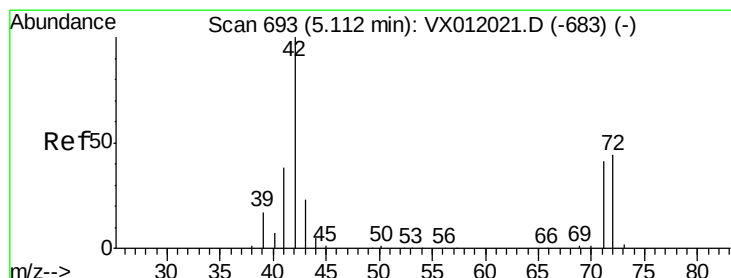
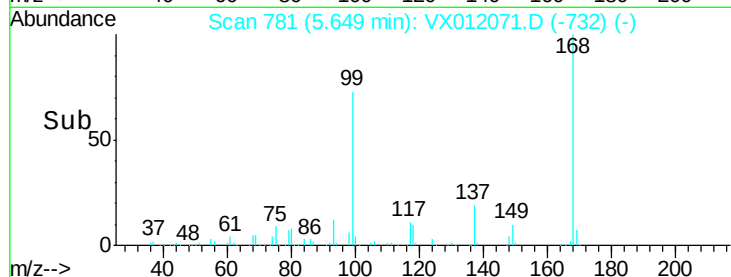
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 9.237 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012071.D

Acq: 05 Sep 2019 01:01

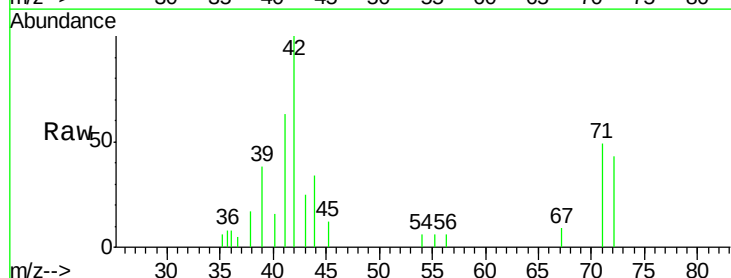
Tgt Ion: 42 Resp: 3340

Ion Ratio Lower Upper

42 100

72 45.1 37.0 55.4

71 43.0 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.13

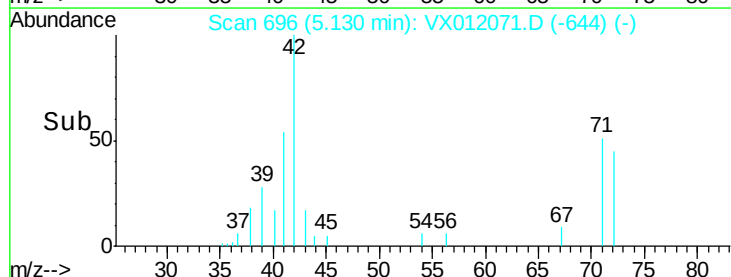
1000

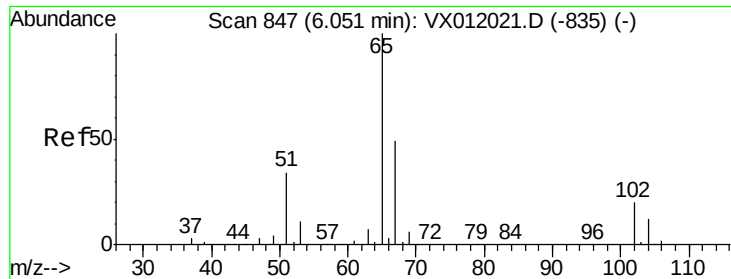
500

0

Time-->

5.05 5.10 5.15 5.20

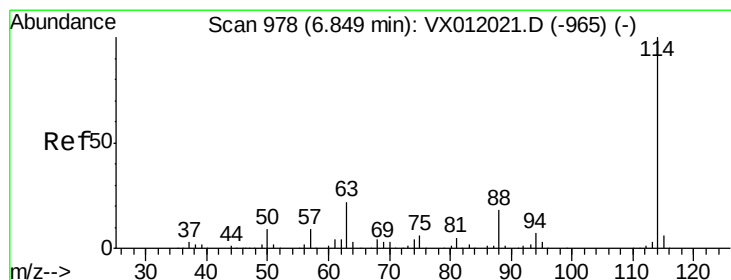
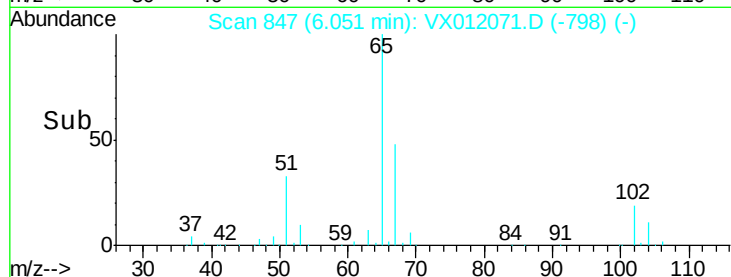
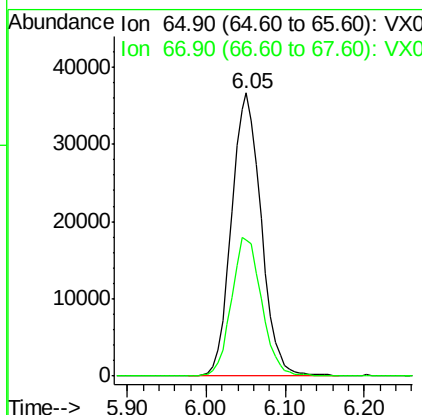
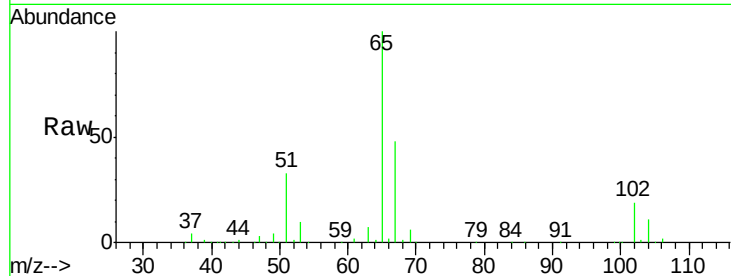




#33
 1,2-Dichloroethane-d4
 Concen: 48.699 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012071.D
 Acq: 05 Sep 2019 01:01

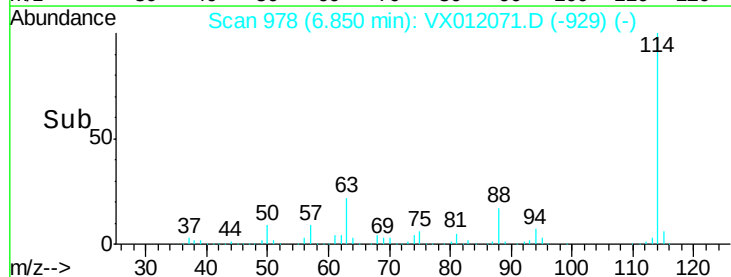
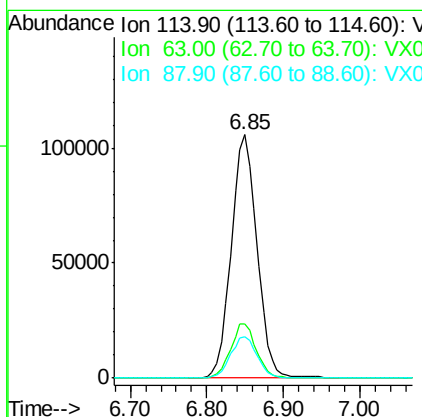
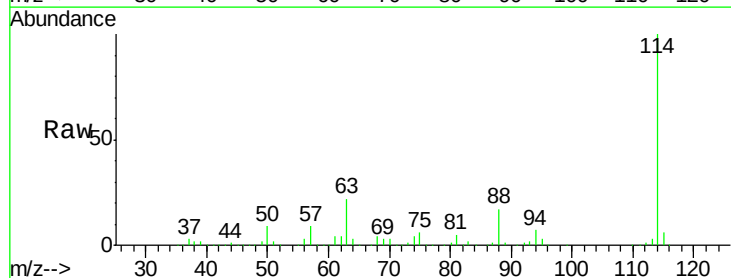
Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E4-(0)

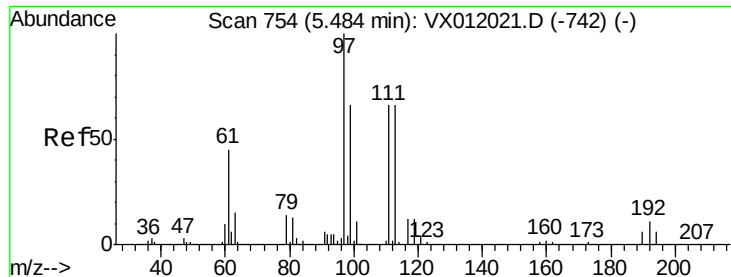
Tot Ion: 65 Resp: 96055
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012071.D
 Acq: 05 Sep 2019 01:01

Tgt Ion: 114 Resp: 246700
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 37.4
 88 16.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.044 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012071.D

Acq: 05 Sep 2019 01:01

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E4-(0)

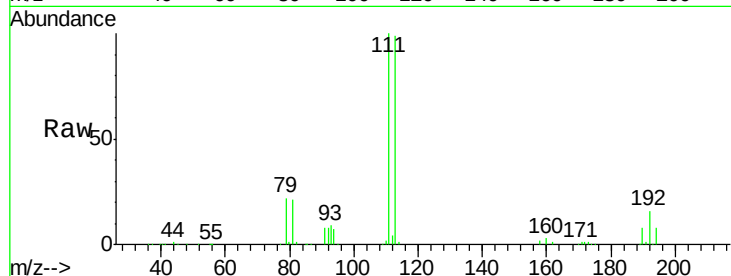
Tot Ion:113 Resp: 74406

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

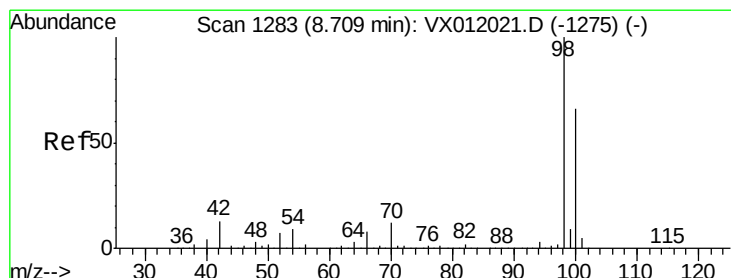
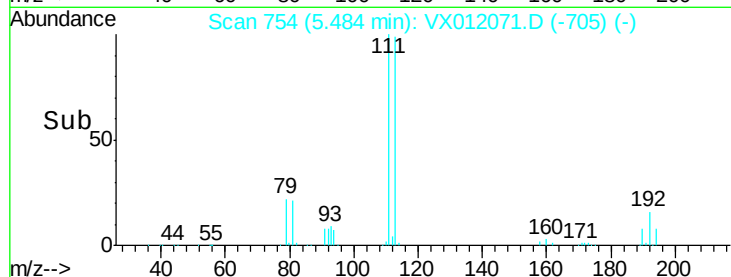
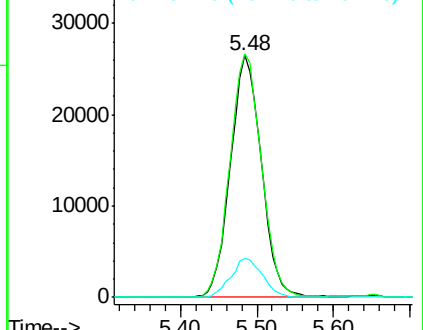
192 16.5 22.5 33.7#



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: 51.744 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012071.D

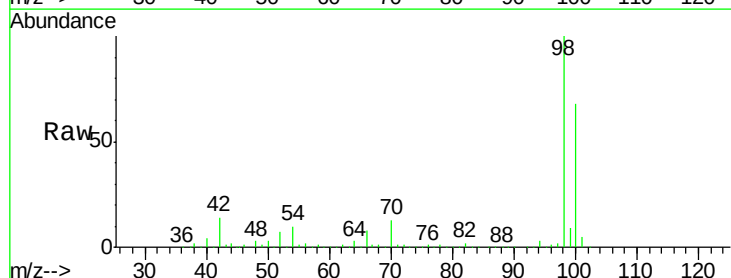
Acq: 05 Sep 2019 01:01

Tgt Ion: 98 Resp: 288068

Ion Ratio Lower Upper

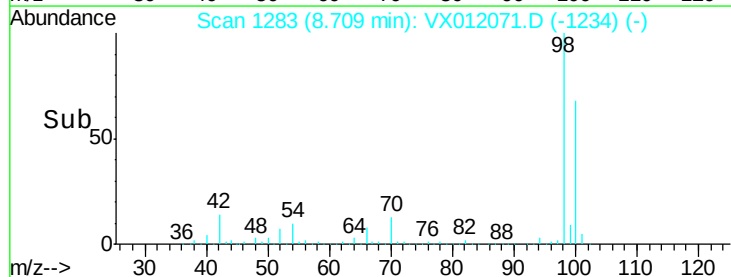
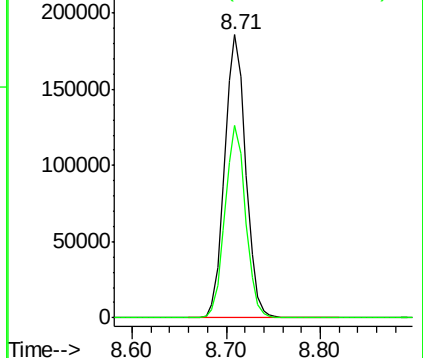
98 100

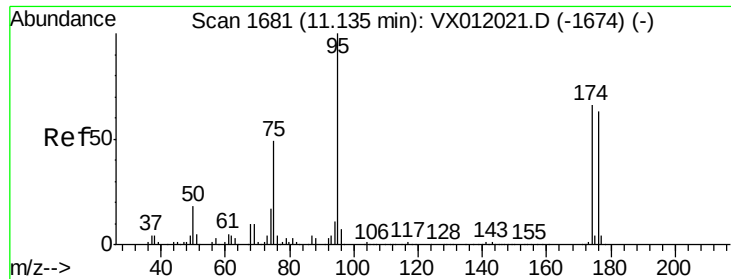
100 66.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 37.910 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012071.D

Acq: 05 Sep 2019 01:01

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E4-(0)

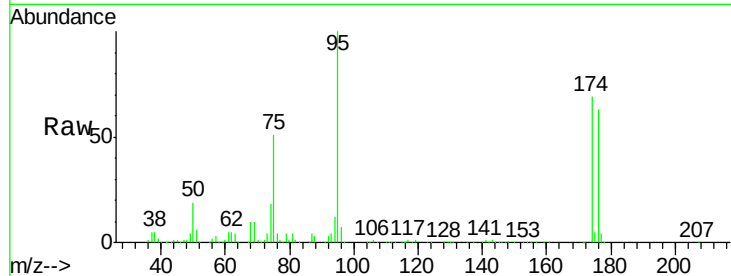
Tot Ion: 95 Resp: 98153

Ion Ratio Lower Upper

95 100

174 64.6 0.0 205.4

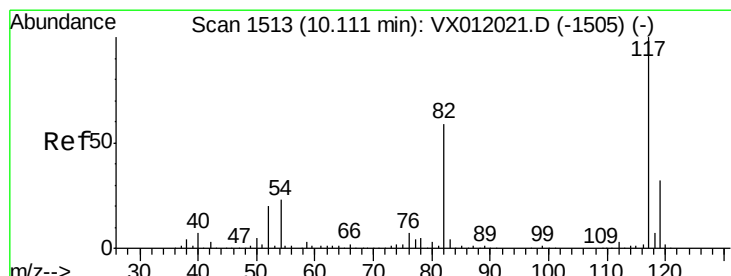
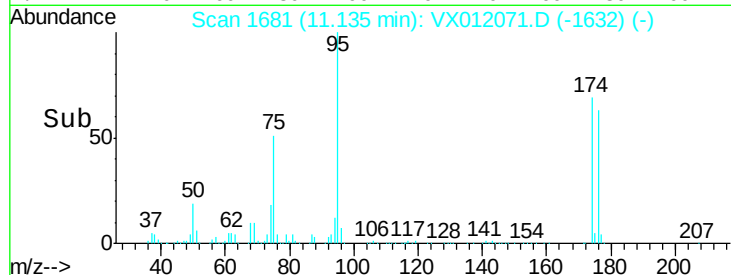
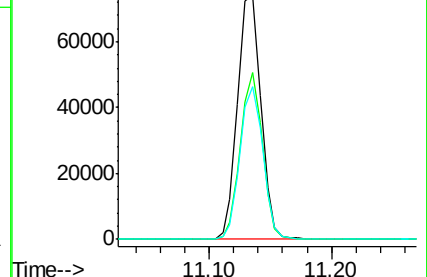
176 60.9 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012071.D

Acq: 05 Sep 2019 01:01

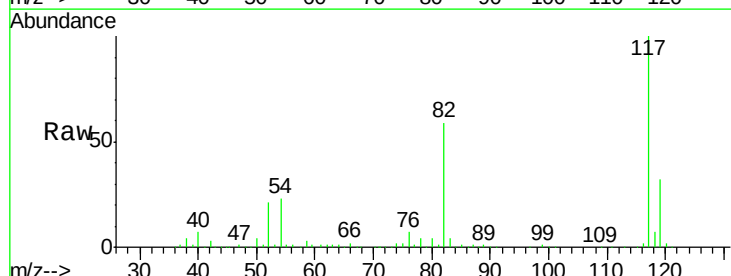
Tgt Ion: 117 Resp: 198505

Ion Ratio Lower Upper

117 100

82 58.5 39.4 59.0

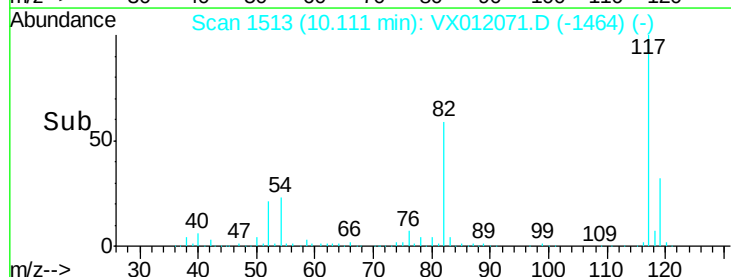
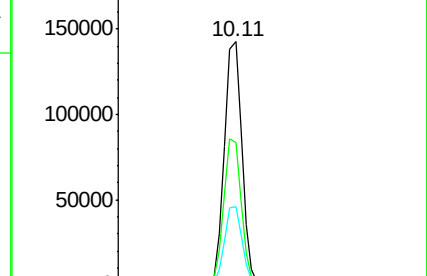
119 32.4 26.1 39.1

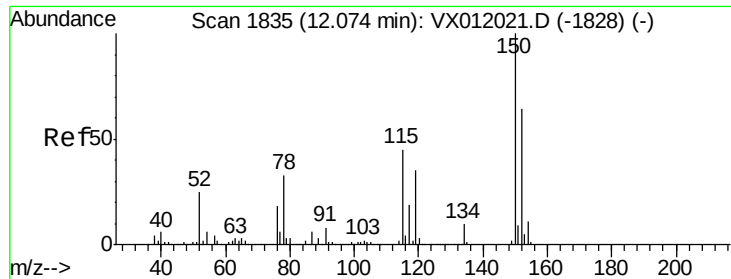


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012071.D

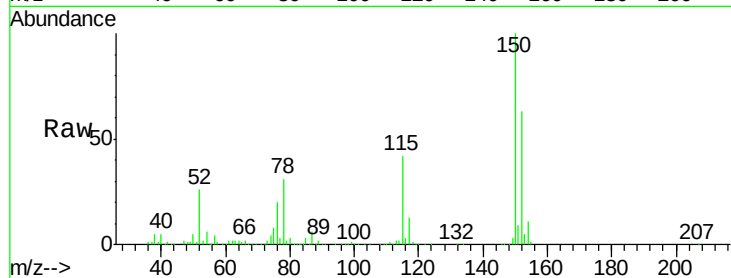
Acq: 05 Sep 2019 01:01

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E4-(0)



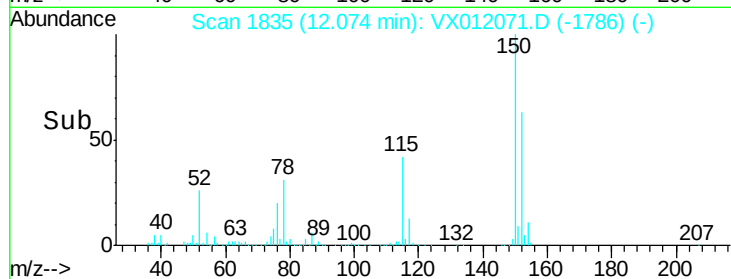
Tot Ion:152 Resp: 69478

Ion Ratio Lower Upper

152 100

115 66.0 36.4 109.3

150 157.4 0.0 341.2



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

