

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012301.D
 Acq On : 11 Sep 2019 14:41
 Operator : SY/SP
 Sample : K4643-09
 Misc : 3.09g/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-B4-(4)

Quant Time: Sep 12 06:31:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

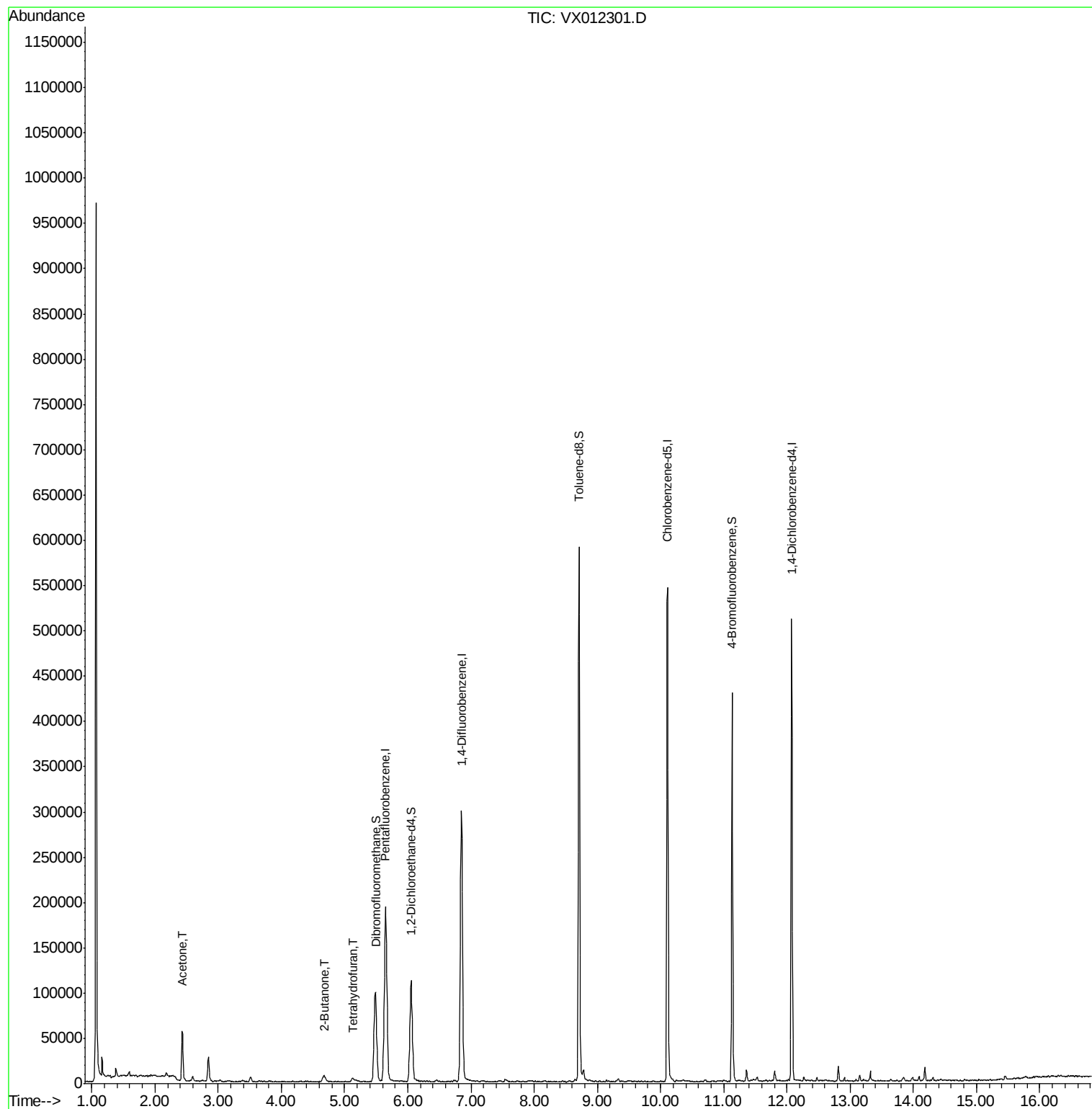
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	111886	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	84585	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	8.71	98	332426	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.14	95	123872	41.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.64%	
Target Compounds						
16) Acetone	2.43	43	59064	107.795	ug/l	98
25) 2-Butanone	4.67	43	8481	12.108	ug/l	100
29) Tetrahydrofuran	5.13	42	4405	11.656	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012301.D

Acq: 11 Sep 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

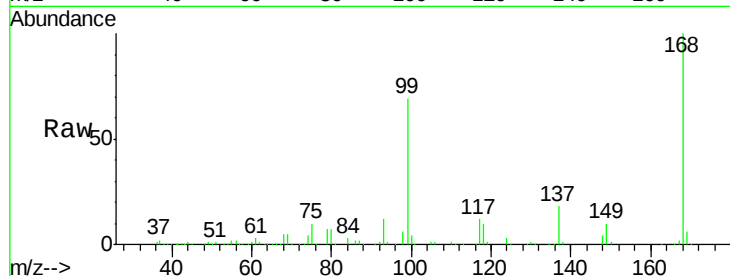
T11-B4-(4)

Tot Ion:168 Resp: 163712

Ion Ratio Lower Upper

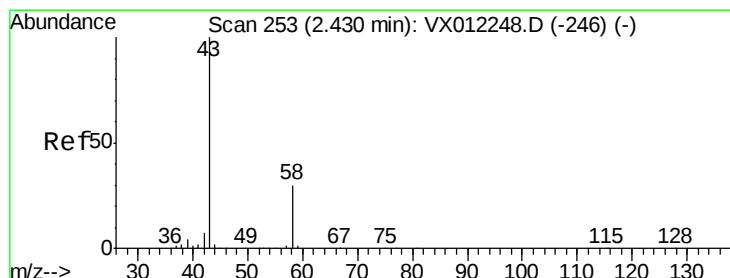
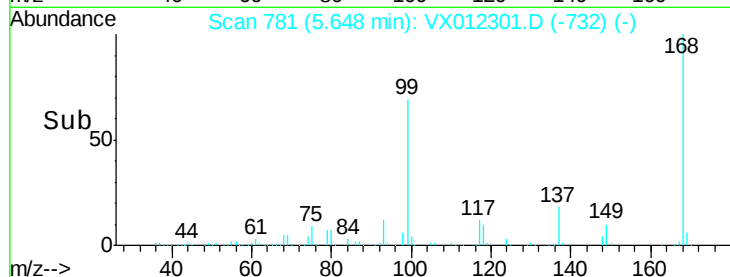
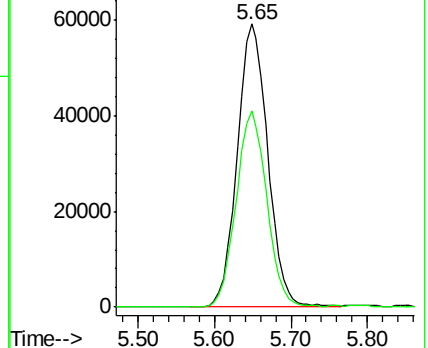
168 100

99 69.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 107.795 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012301.D

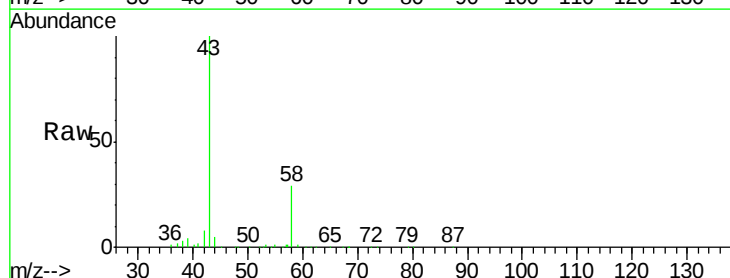
Acq: 11 Sep 2019 14:41

Tgt Ion: 43 Resp: 59064

Ion Ratio Lower Upper

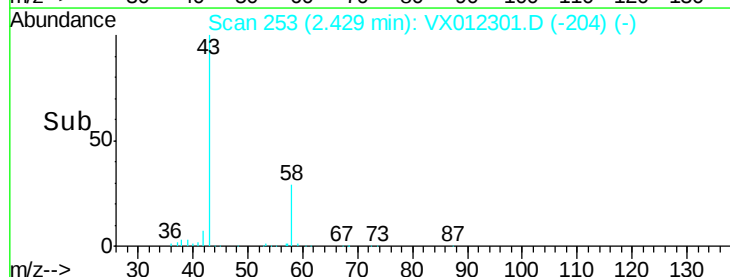
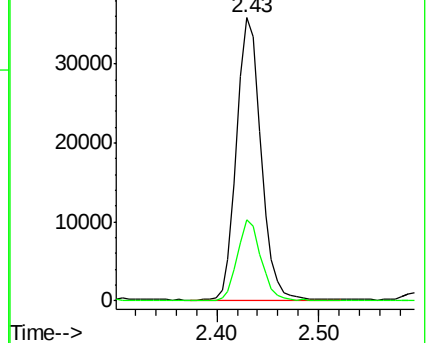
43 100

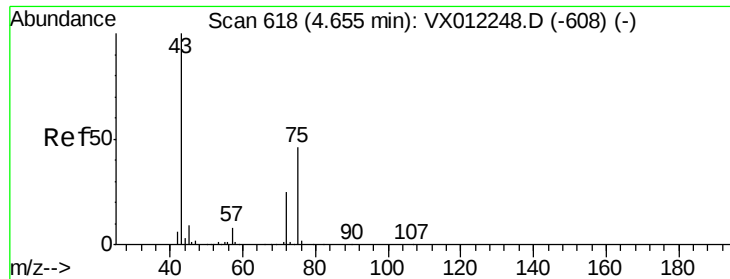
58 28.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 12.108 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.02 min

Lab File: VX012301.D

Acq: 11 Sep 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

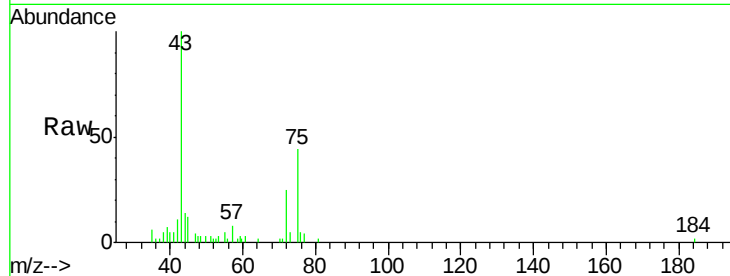
T11-B4-(4)

Tot Ion: 43 Resp: 8481

Ion Ratio Lower Upper

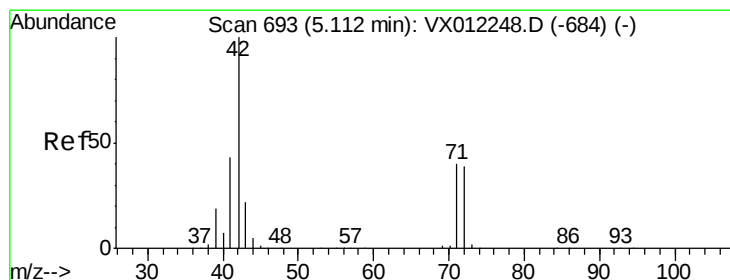
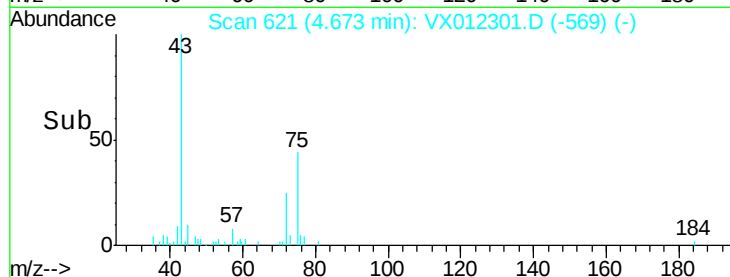
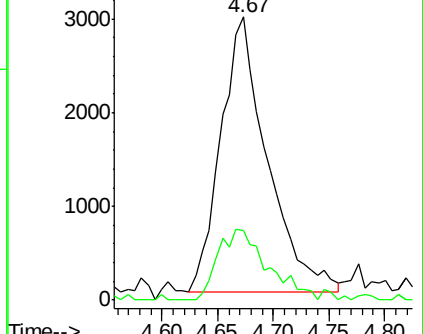
43 100

72 25.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 11.656 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012301.D

Acq: 11 Sep 2019 14:41

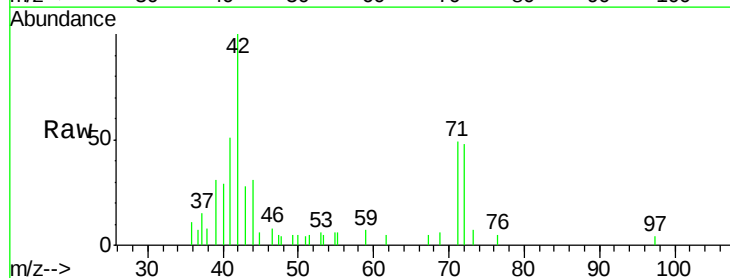
Tgt Ion: 42 Resp: 4405

Ion Ratio Lower Upper

42 100

72 45.4 35.2 52.8

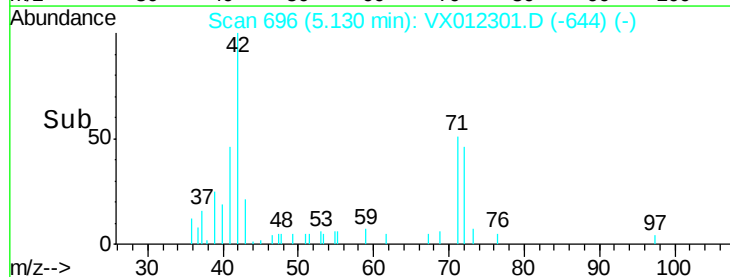
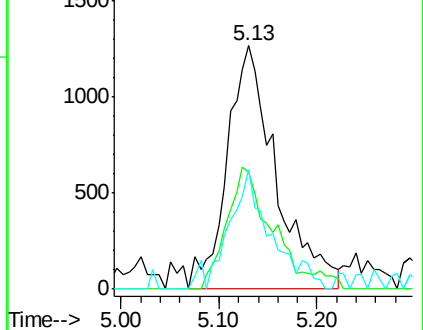
71 40.7 32.5 48.7

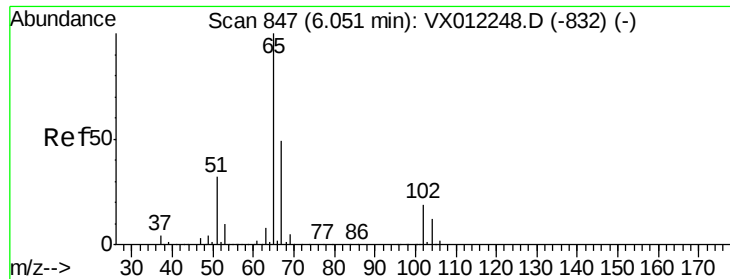


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

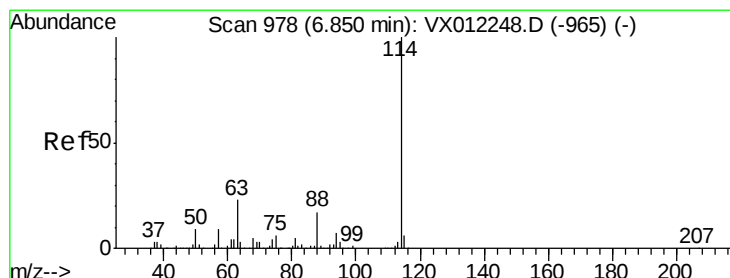
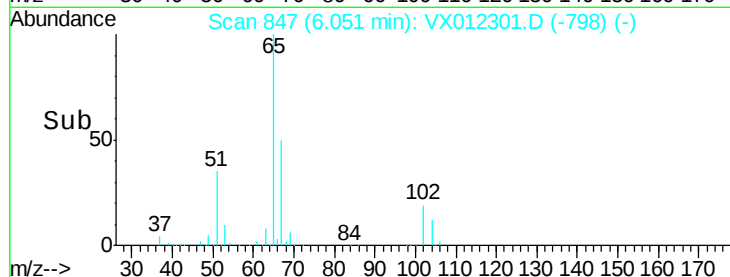
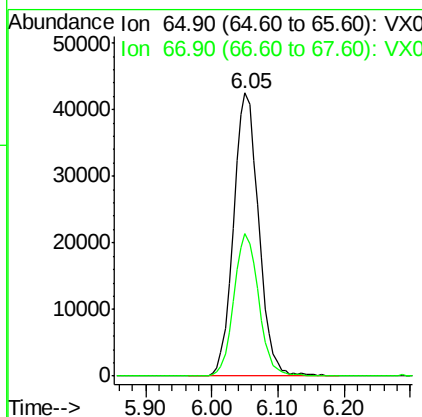
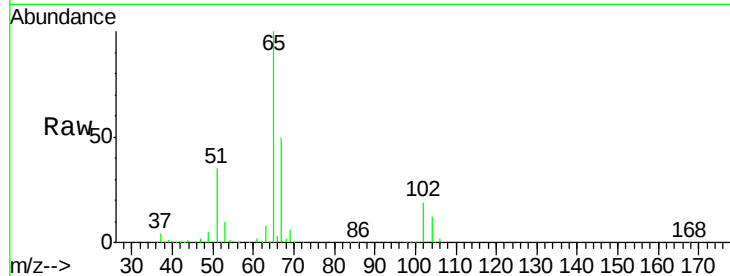




#33
 1,2-Dichloroethane-d4
 Concen: 48.340 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012301.D
 Acq: 11 Sep 2019 14:41

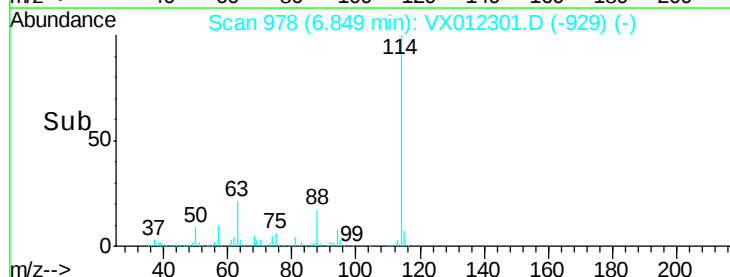
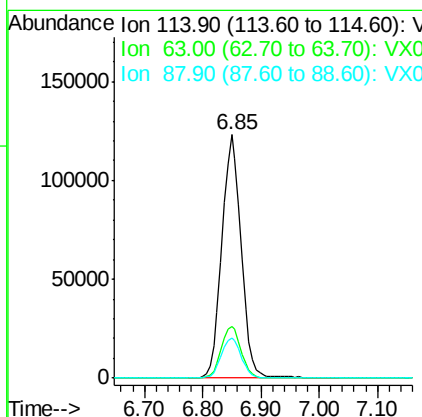
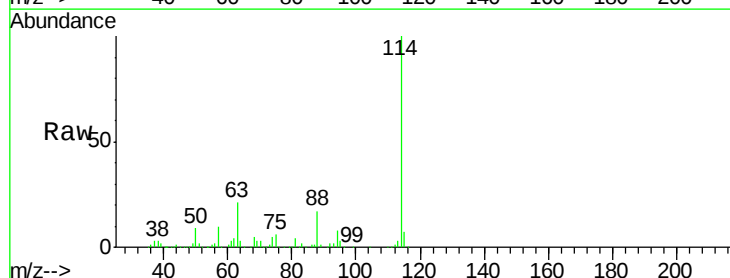
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-B4-(4)

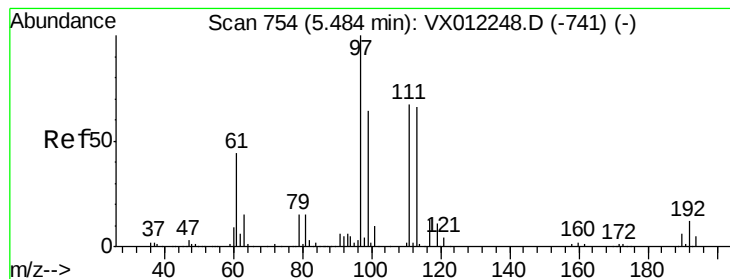
Tot Ion: 65 Resp: 111886
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012301.D
 Acq: 11 Sep 2019 14:41

Tgt Ion: 114 Resp: 284136
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.2
 88 16.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.438 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012301.D

Acq: 11 Sep 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

T11-B4-(4)

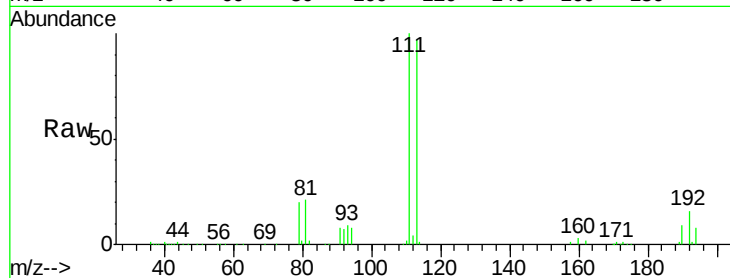
Tot Ion:113 Resp: 84585

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

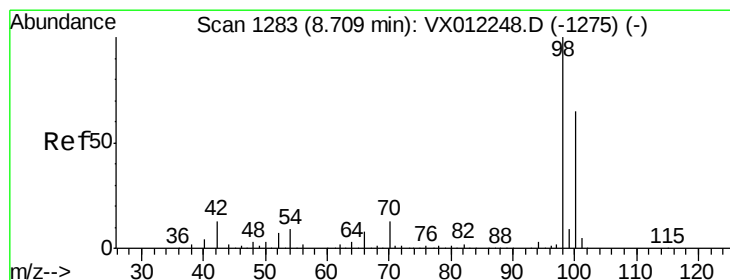
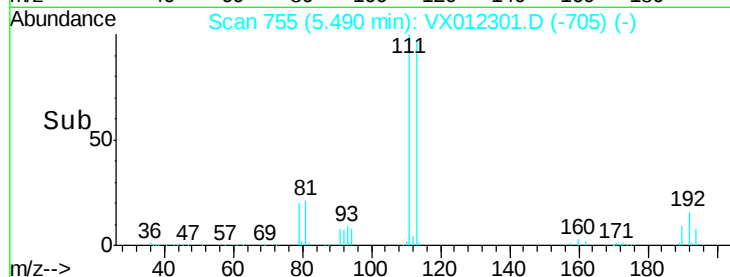
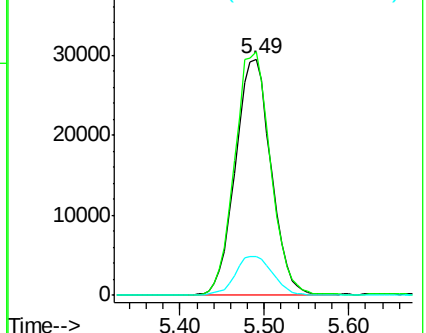
192 17.3 14.3 21.5



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: 52.036 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012301.D

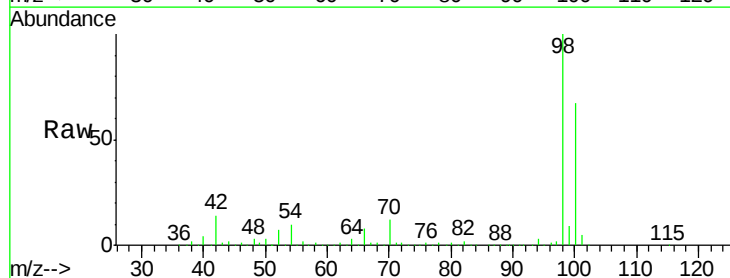
Acq: 11 Sep 2019 14:41

Tgt Ion: 98 Resp: 332426

Ion Ratio Lower Upper

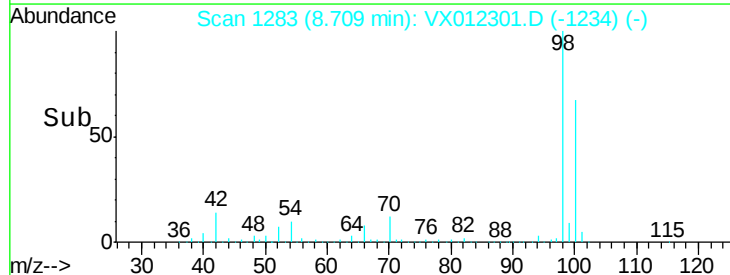
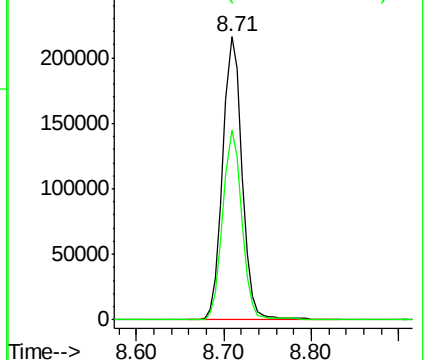
98 100

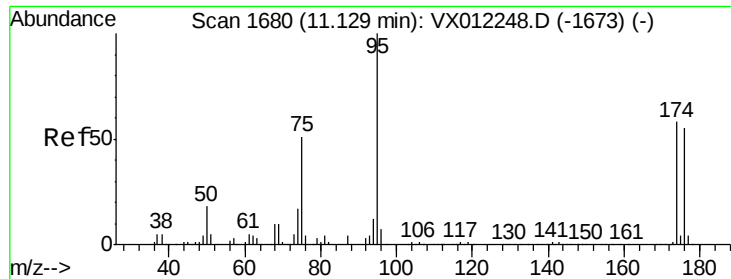
100 66.5 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.825 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012301.D

Acq: 11 Sep 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

T11-B4-(4)

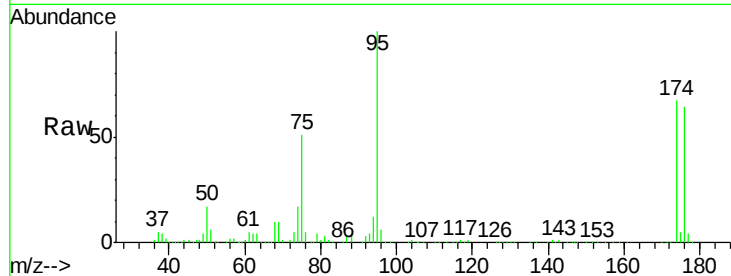
Tot Ion: 95 Resp: 123872

Ion Ratio Lower Upper

95 100

174 65.1 0.0 127.0

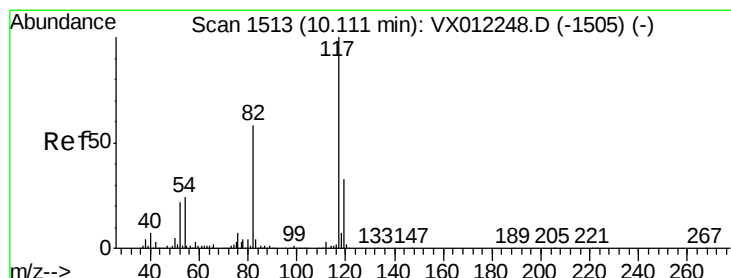
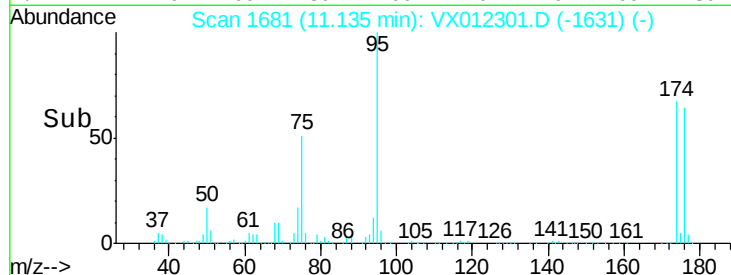
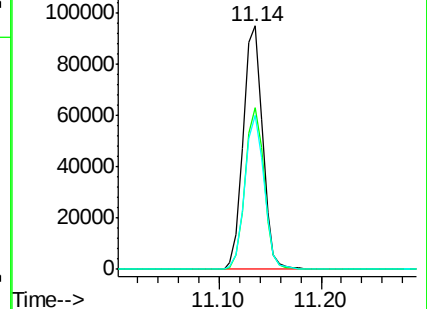
176 62.8 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012248.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX012248.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX012248.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012301.D

Acq: 11 Sep 2019 14:41

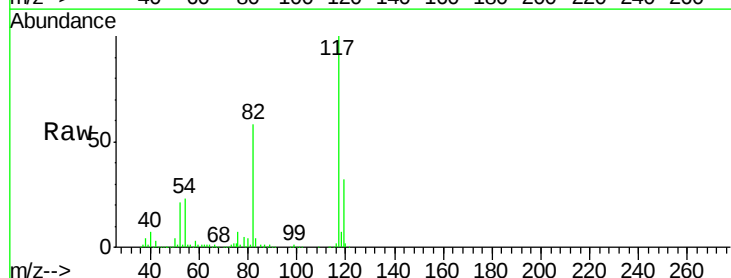
Tgt Ion: 117 Resp: 240054

Ion Ratio Lower Upper

117 100

82 57.6 46.4 69.6

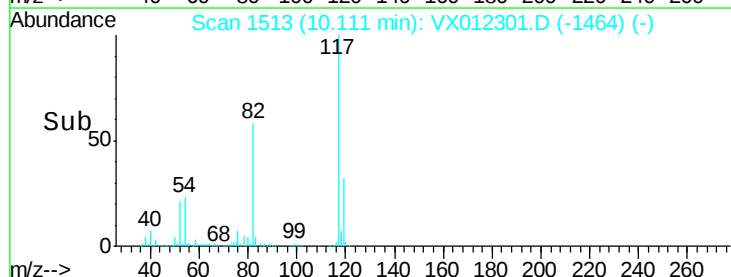
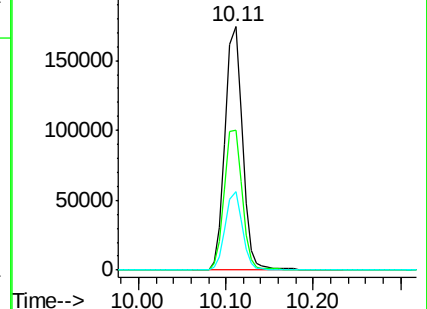
119 32.4 26.6 39.8

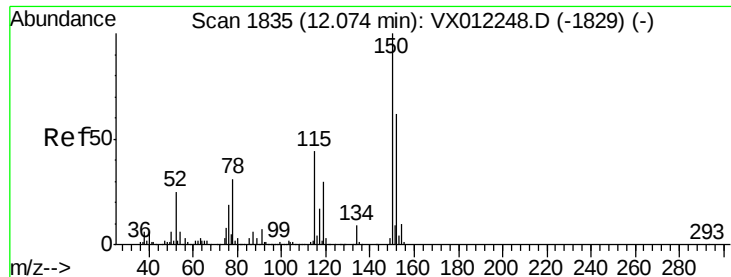


Abundance Ion 116.90 (116.60 to 117.60): VX012248.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012248.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012248.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: VX012301.D

Acq: 11 Sep 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

T11-B4-(4)

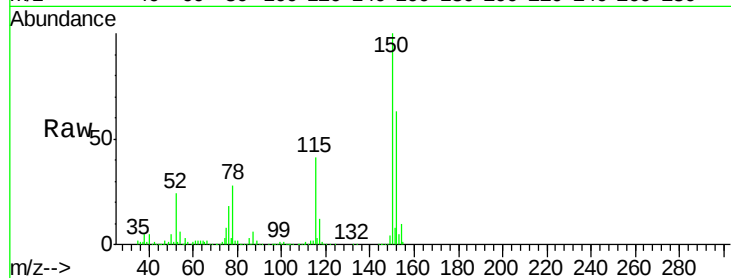
Tot Ion:152 Resp: 97055

Ion Ratio Lower Upper

152 100

115 64.7 45.5 136.4

150 155.7 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

