

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012130.D
 Acq On : 06 Sep 2019 06:07
 Operator : SY/SP
 Sample : K4580-05
 Misc : 2.34g/5.0mL/MSVOA X/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-B2-(0)

Quant Time: Sep 06 07:39:49 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

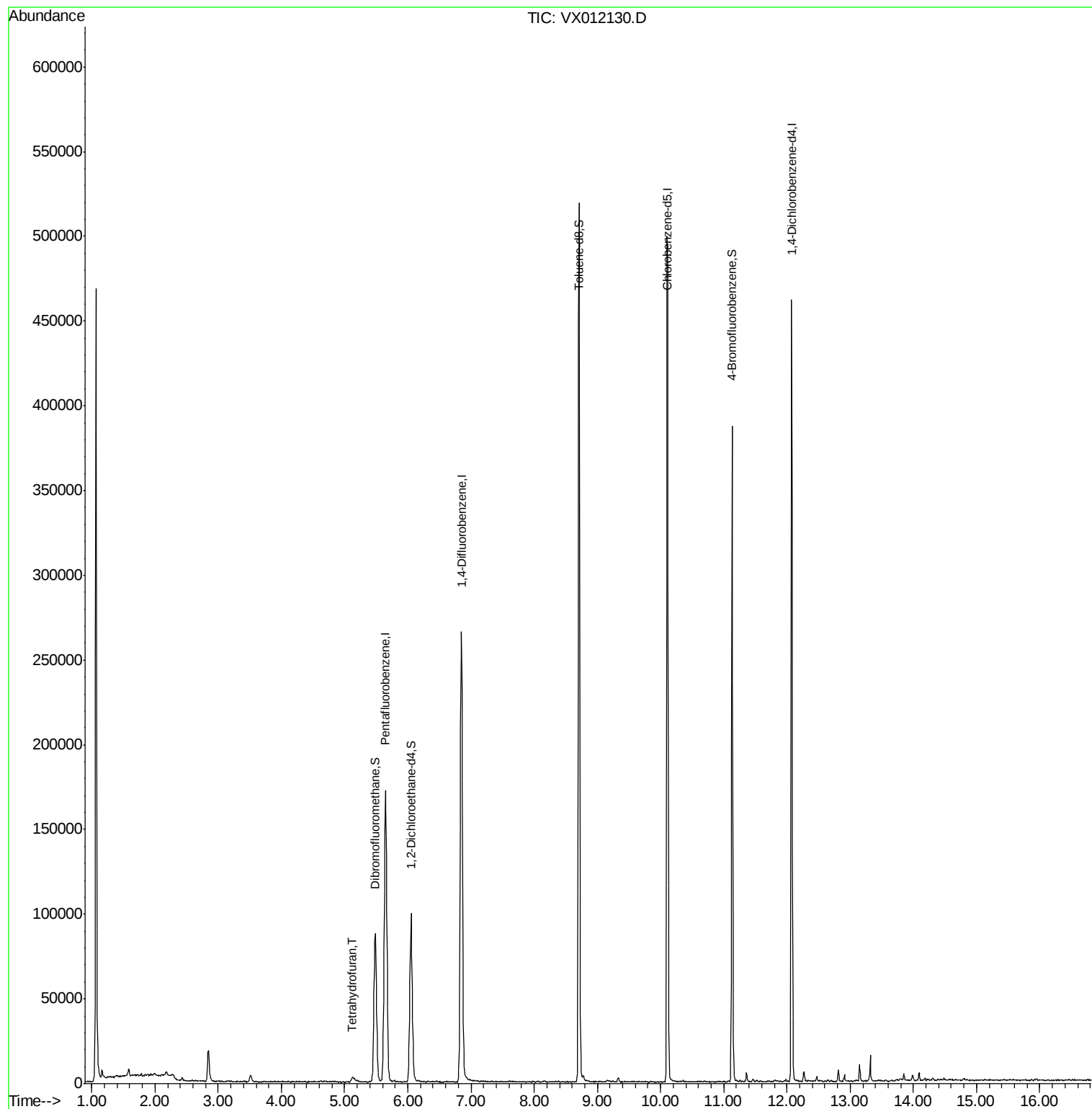
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	216258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	82787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	100581	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.48	113	75210	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	296318	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.14	95	111835	42.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.62%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	3011	8.132	ug/l #	81

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

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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: VX012130.D

Acq: 06 Sep 2019 06:07

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MSVOA_X

ClientSampleId :

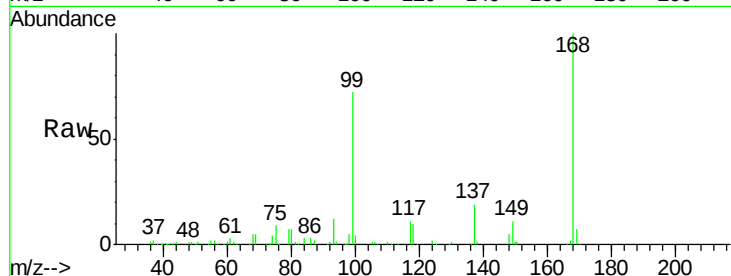
T12-B2-(0)

Tot Ion:168 Resp: 146395

Ion Ratio Lower Upper

168 100

99 72.4 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

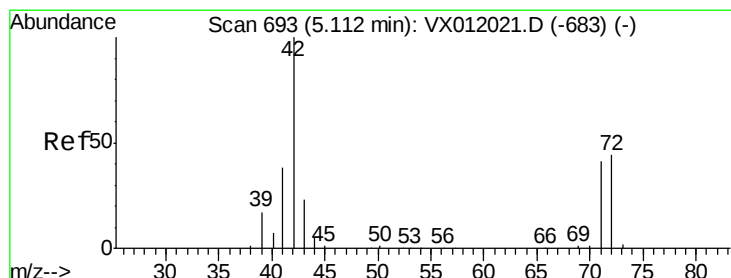
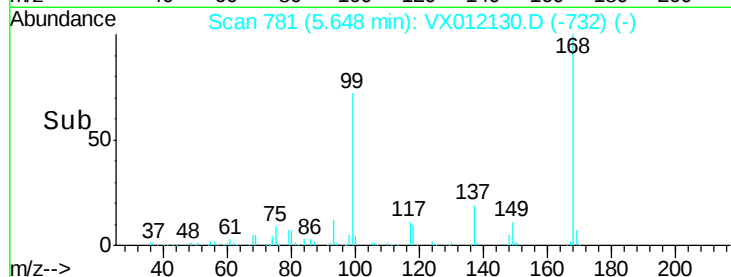
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 8.132 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012130.D

Acq: 06 Sep 2019 06:07

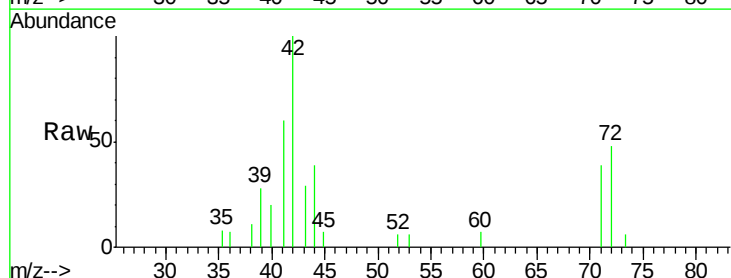
Tgt Ion: 42 Resp: 3011

Ion Ratio Lower Upper

42 100

72 42.4 37.0 55.4

71 20.5 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

1200

1000

800

600

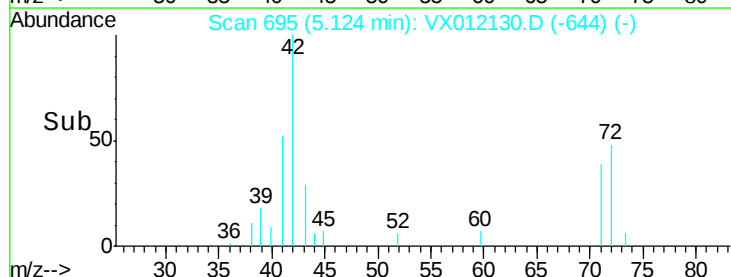
400

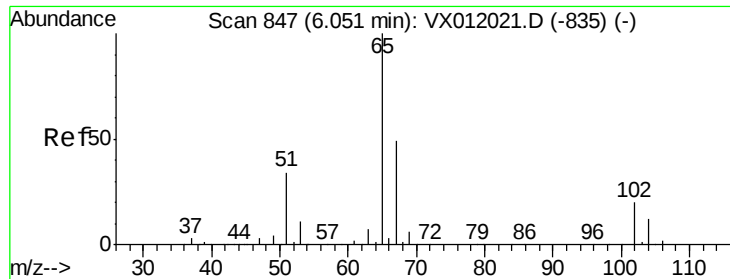
200

0

Time-->

5.05 5.10 5.15 5.20 5.25

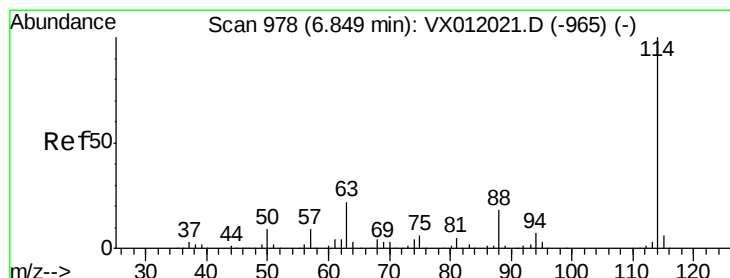
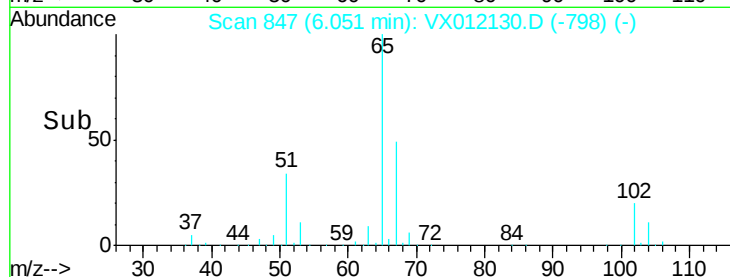
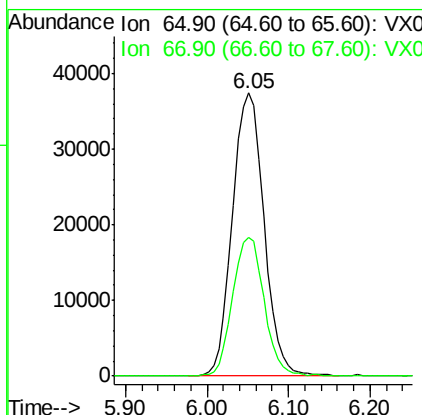
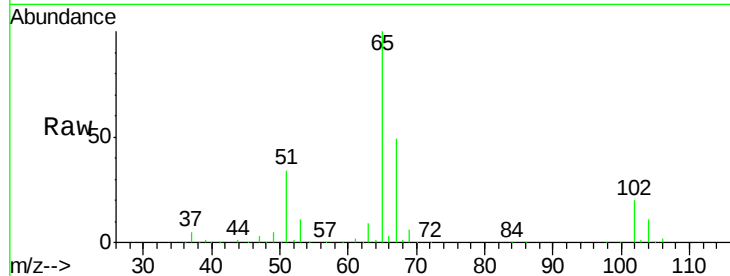




#33
 1,2-Dichloroethane-d4
 Concen: 49.794 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012130.D
 Acq: 06 Sep 2019 06:07

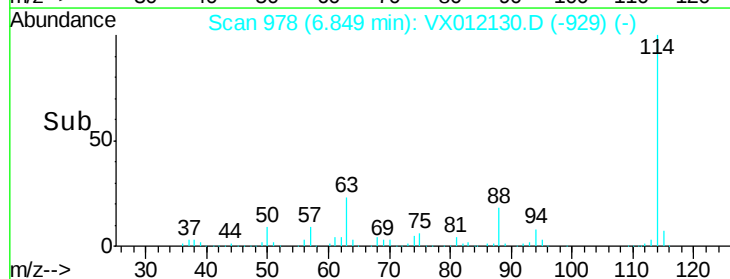
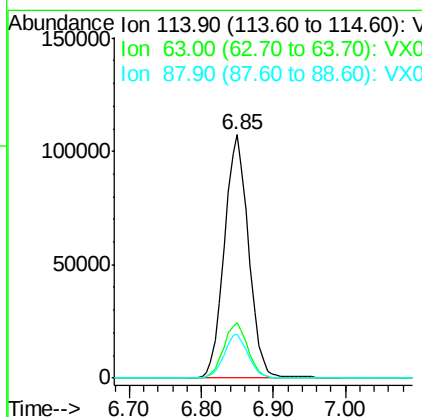
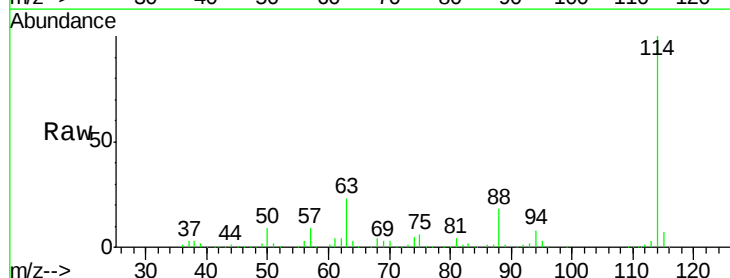
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-B2-(0)

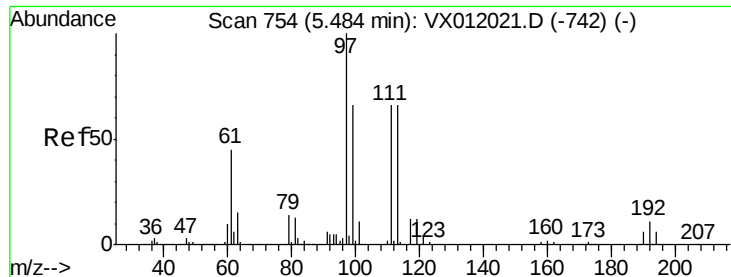
Tot Ion: 65 Resp: 100581
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012130.D
 Acq: 06 Sep 2019 06:07

Tgt Ion: 114 Resp: 251881
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.4
 88 17.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.554 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012130.D

Acq: 06 Sep 2019 06:07

Instrument :

MSVOA_X

ClientSampleId :

T12-B2-(0)

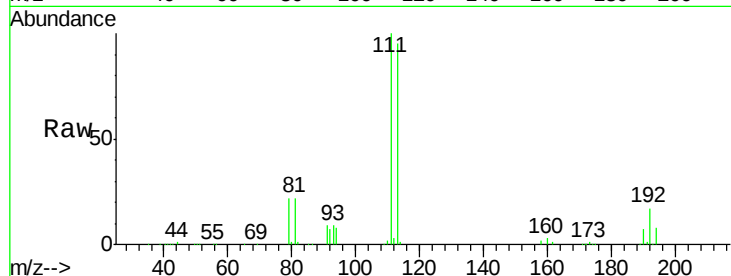
Tot Ion:113 Resp: 75210

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

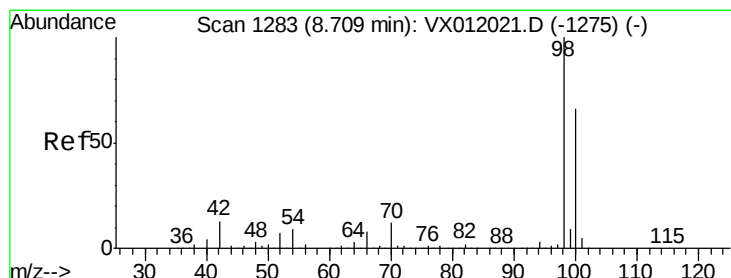
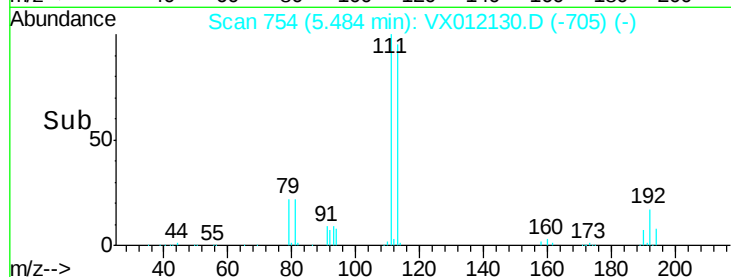
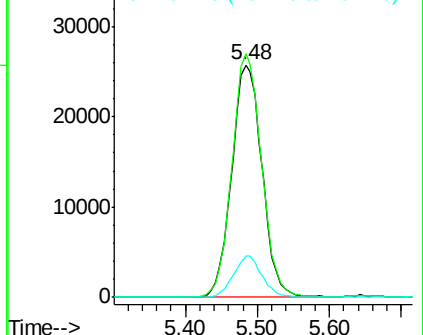
192 16.7 22.5 33.7#



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: 52.131 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012130.D

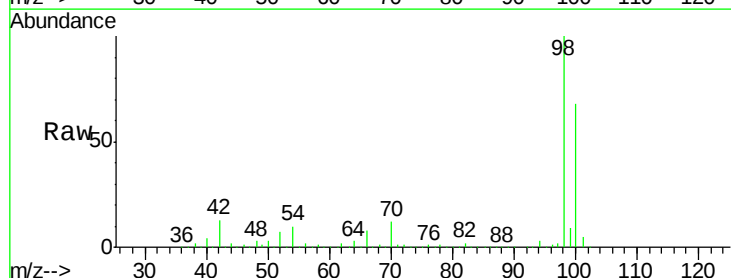
Acq: 06 Sep 2019 06:07

Tgt Ion: 98 Resp: 296318

Ion Ratio Lower Upper

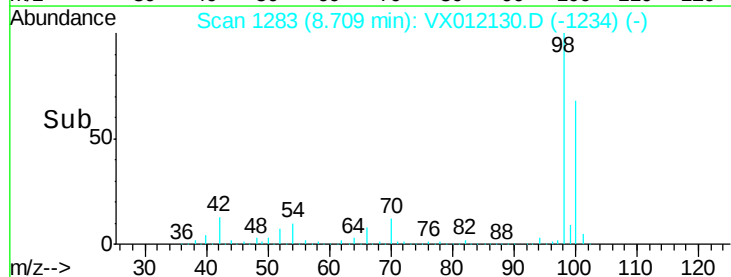
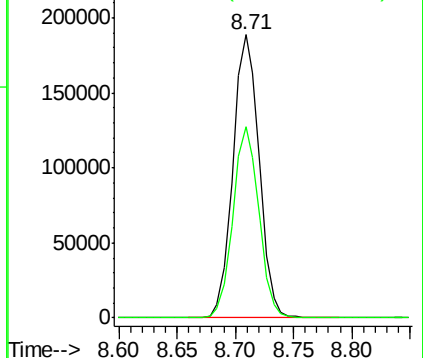
98 100

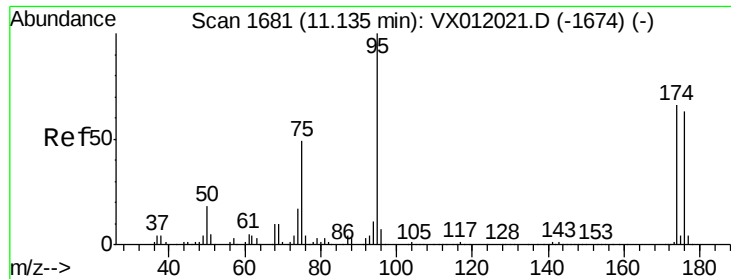
100 66.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.307 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012130.D

Acq: 06 Sep 2019 06:07

Instrument :

MSVOA_X

ClientSampled :

T12-B2-(0)

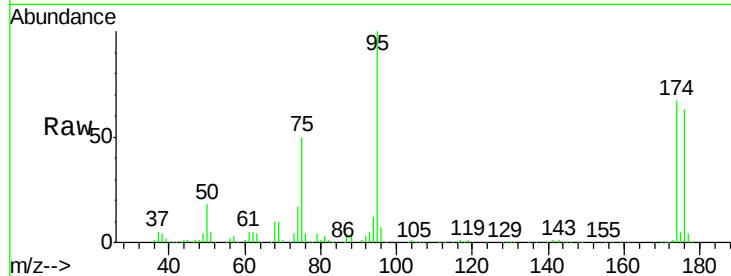
Tot Ion: 95 Resp: 111835

Ion Ratio Lower Upper

95 100

174 62.7 0.0 205.4

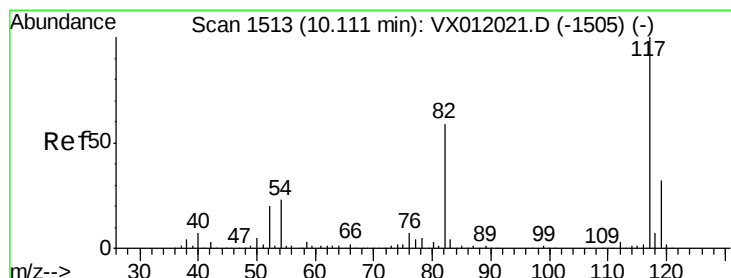
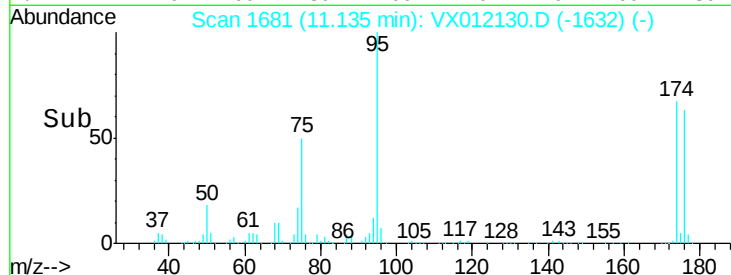
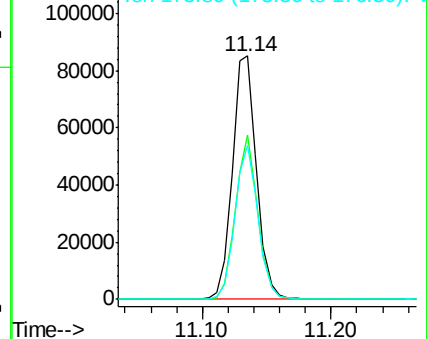
176 60.0 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012130.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012130.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012130.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX012130.D

Acq: 06 Sep 2019 06:07

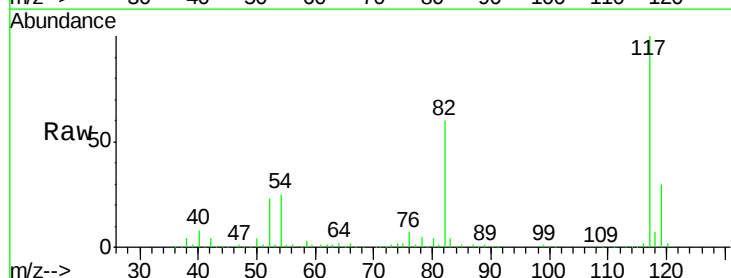
Tgt Ion: 117 Resp: 216258

Ion Ratio Lower Upper

117 100

82 59.8 39.4 59.0#

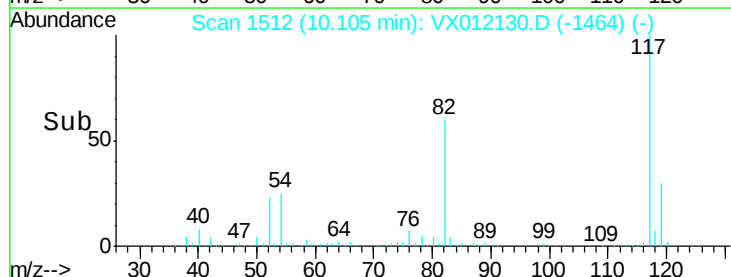
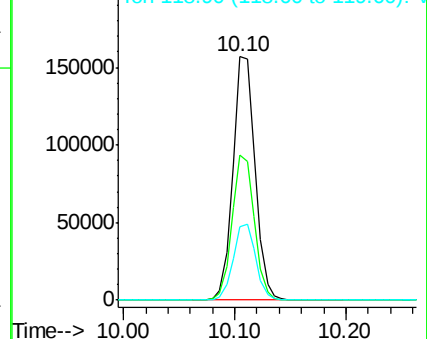
119 30.2 26.1 39.1

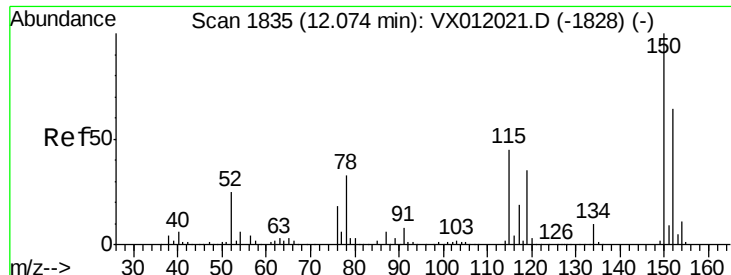


Abundance Ion 116.90 (116.60 to 117.60): VX012130.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012130.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012130.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012130.D

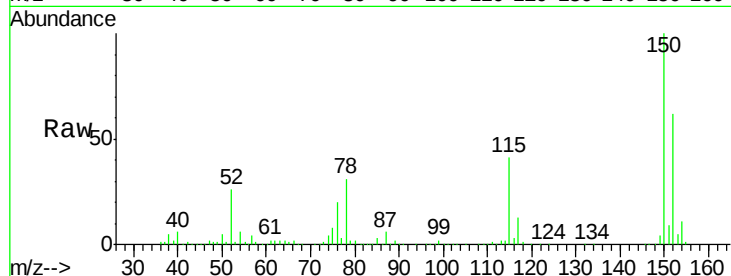
Acq: 06 Sep 2019 06:07

Instrument :

MSVOA_X

ClientSampleId :

T12-B2-(0)



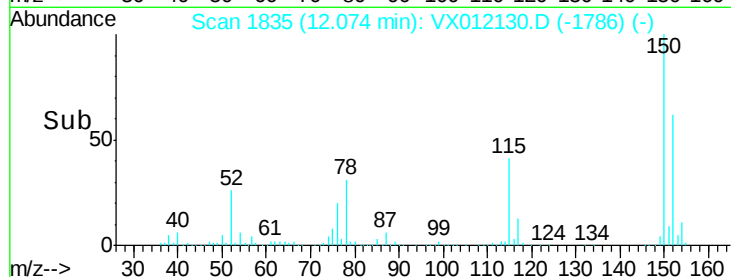
Tot Ion:152 Resp: 82787

Ion Ratio Lower Upper

152 100

115 67.2 36.4 109.3

150 158.0 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

