

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008811.D
 Acq On : 10 Apr 2019 17:29
 Operator : JC/SP
 Sample : K2349-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0507-190409

Quant Time: Apr 11 07:55:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

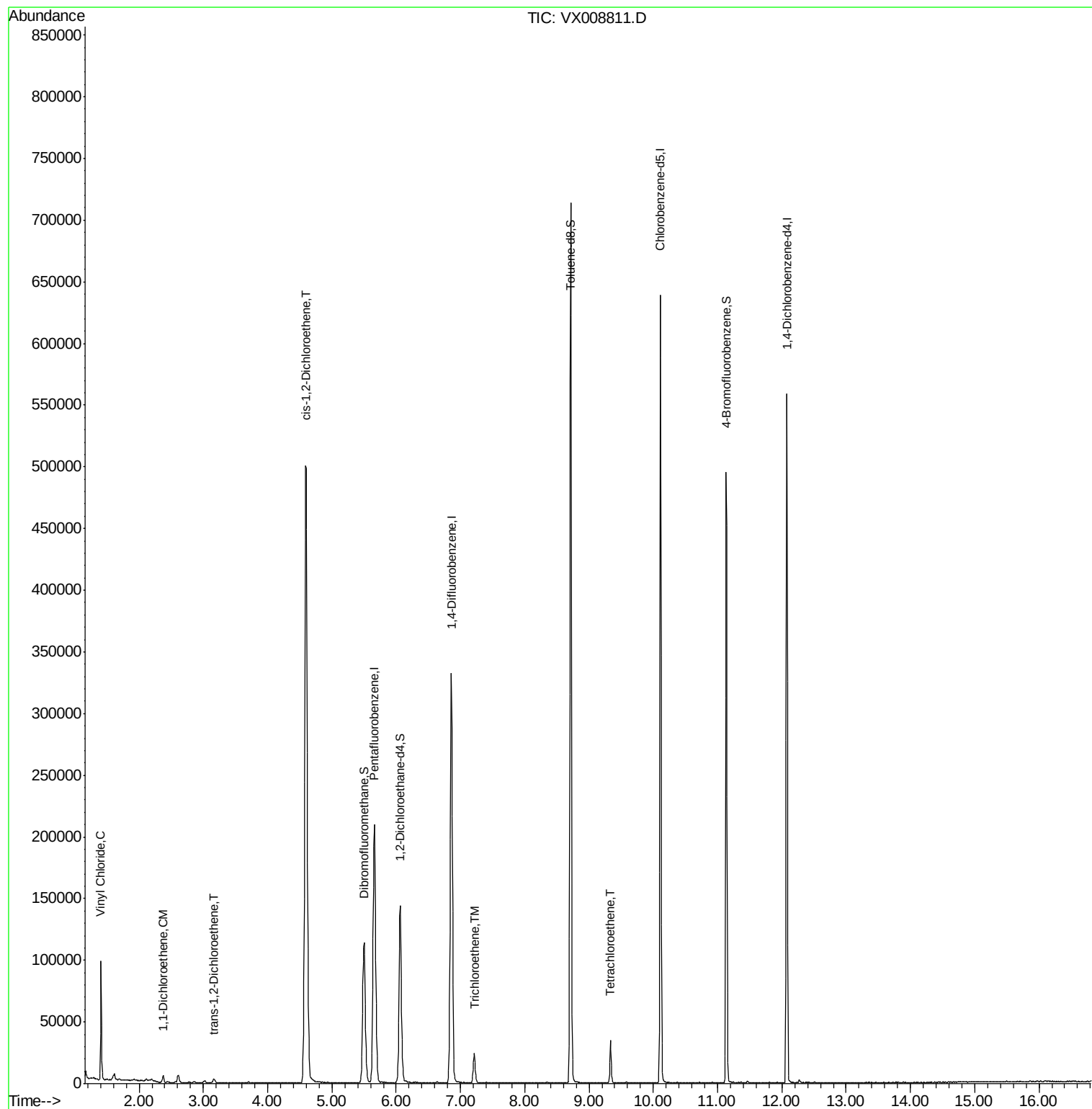
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	202051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	134699	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
35) Dibromofluoromethane	5.50	113	99305	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
50) Toluene-d8	8.71	98	407511	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	131658	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	67196	21.373	ug/l	97
12) 1,1-Dichloroethene	2.37	96	1676	0.718	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	1130	0.447	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	313194	107.814	ug/l	90
44) Trichloroethene	7.21	130	9052	3.659	ug/l	94
64) Tetrachloroethene	9.34	164	6331	3.056	ug/l	99

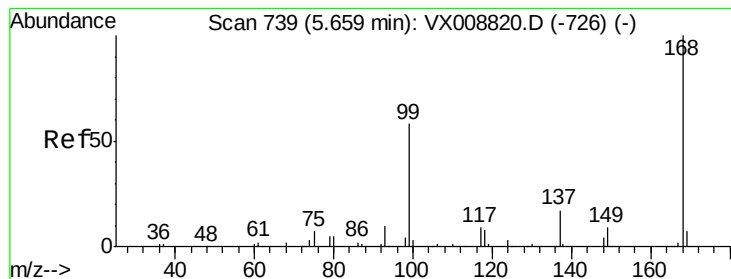
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008811.D

Acq: 10 Apr 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

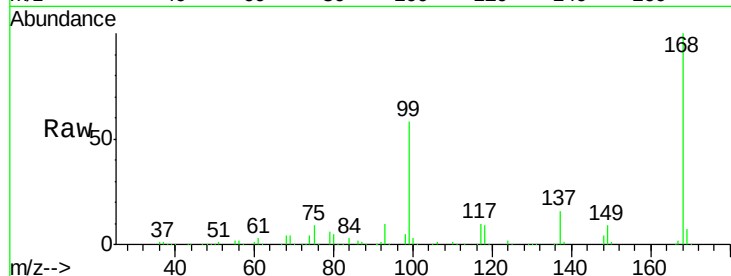
DUP-0507-190409

Tot Ion:168 Resp: 202051

Ion Ratio Lower Upper

168 100

99 58.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

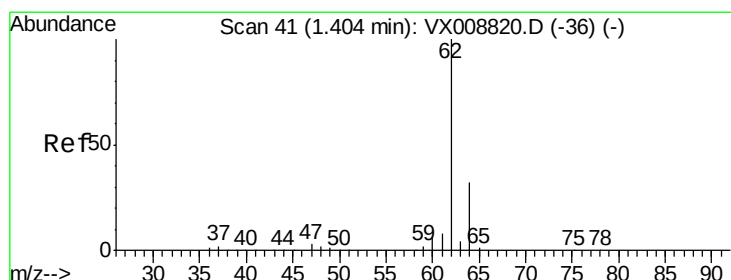
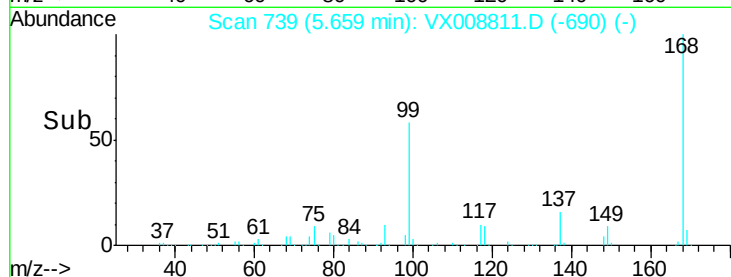
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#4

Vinyl Chloride

Concen: 21.373 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008811.D

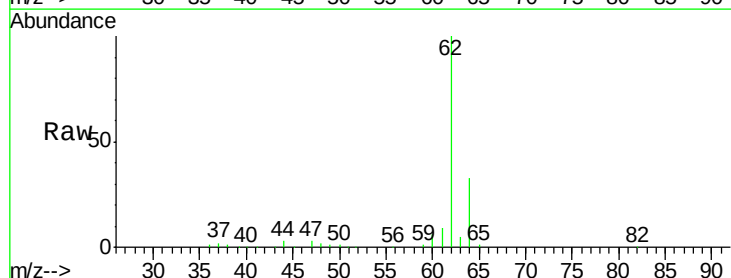
Acq: 10 Apr 2019 17:29

Tgt Ion: 62 Resp: 67196

Ion Ratio Lower Upper

62 100

64 32.6 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

60000

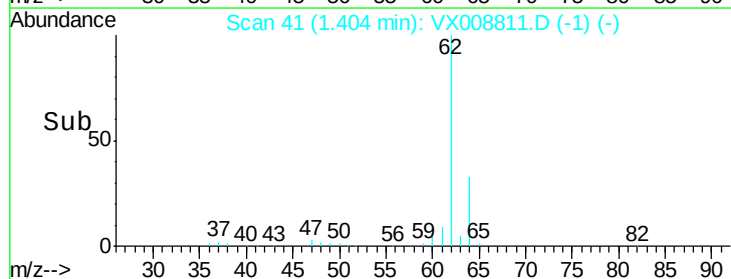
40000

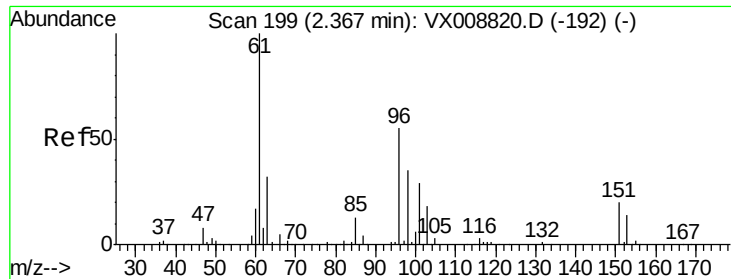
20000

0

1.35 1.40 1.45 1.50

Time-->





#12

1,1-Dichloroethene

Concen: 0.718 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008811.D

Acq: 10 Apr 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-0507-190409

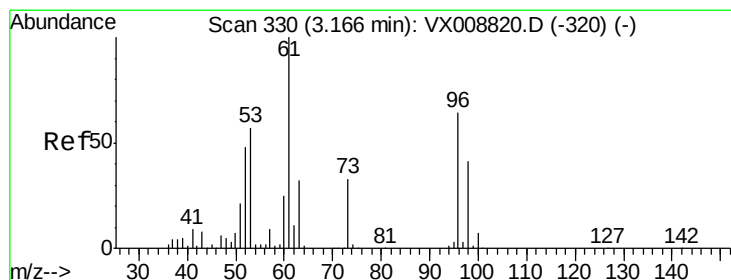
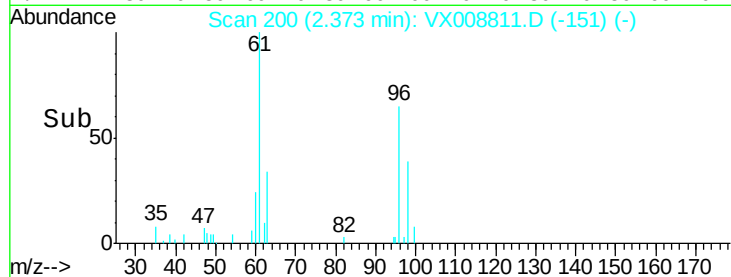
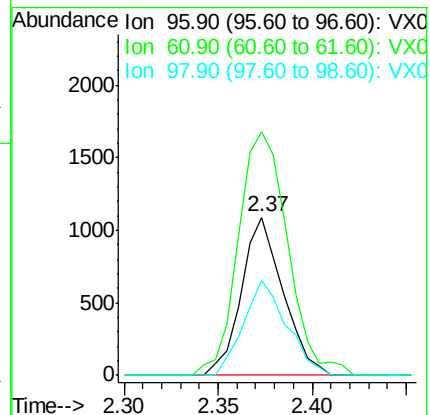
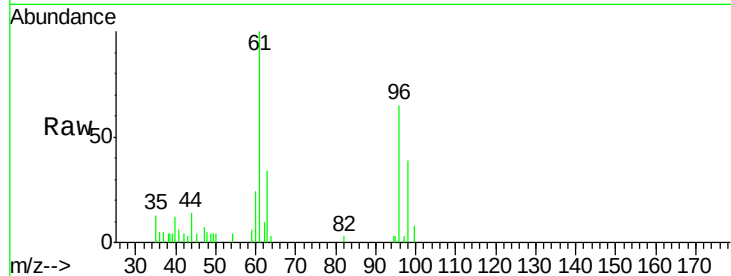
Tot Ion: 96 Resp: 1676

Ion Ratio Lower Upper

96 100

61 154.2 140.9 211.3

98 60.7 52.1 78.1



#21

trans-1,2-Dichloroethene

Concen: 0.447 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008811.D

Acq: 10 Apr 2019 17:29

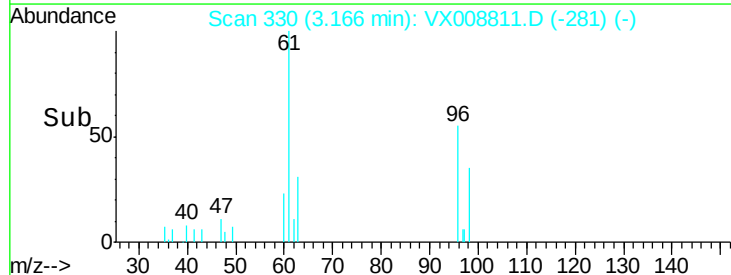
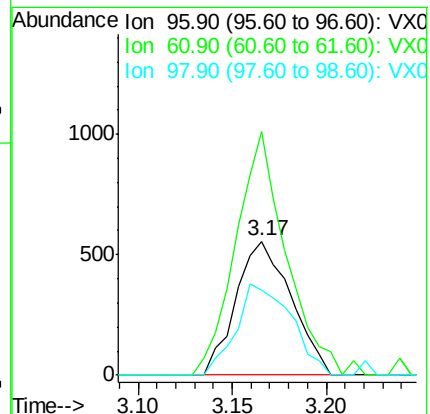
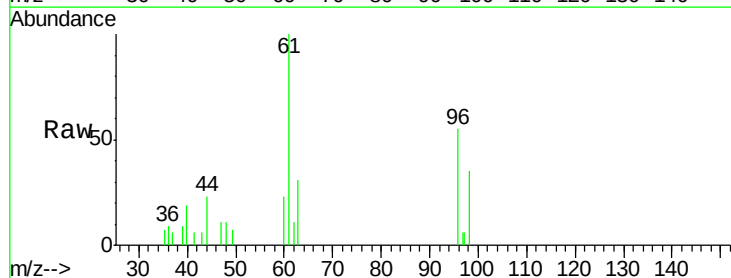
Tgt Ion: 96 Resp: 1130

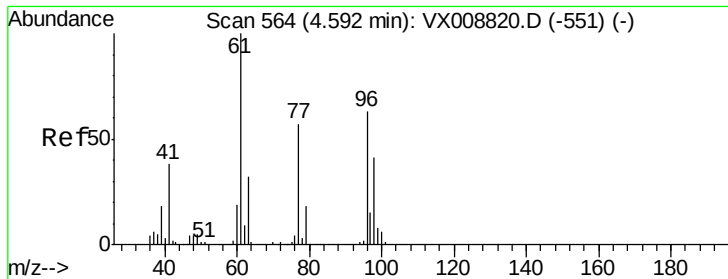
Ion Ratio Lower Upper

96 100

61 181.8 132.1 198.1

98 63.7 52.2 78.2



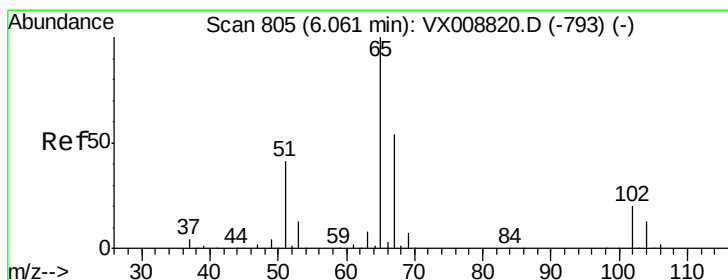
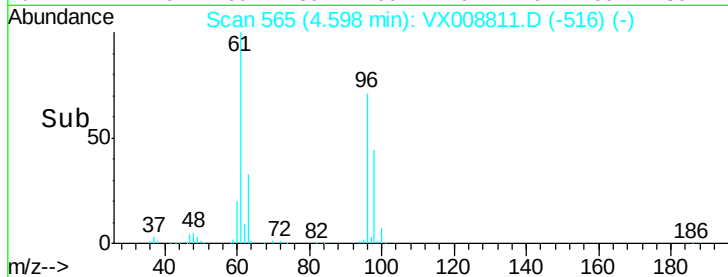
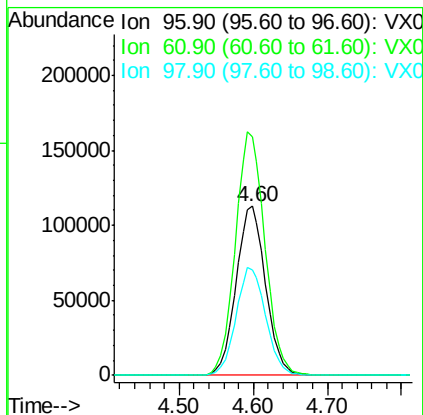
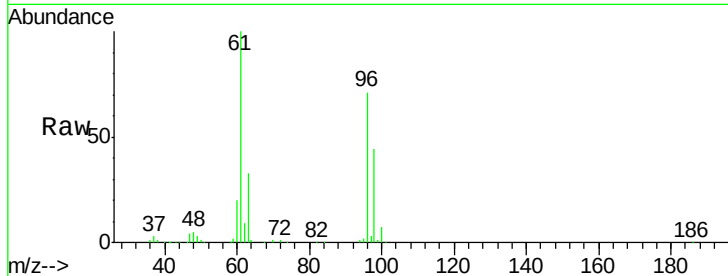


#27

cis-1,2-Dichloroethene
 Concen: 107.814 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008811.D
 Acq: 10 Apr 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0507-190409

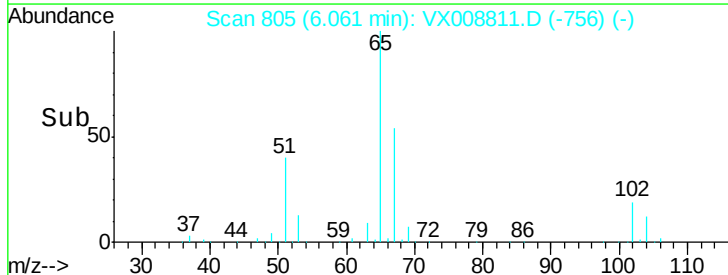
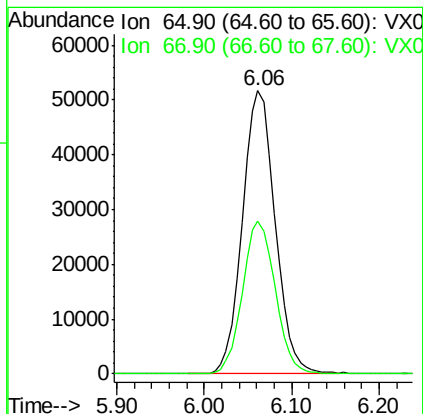
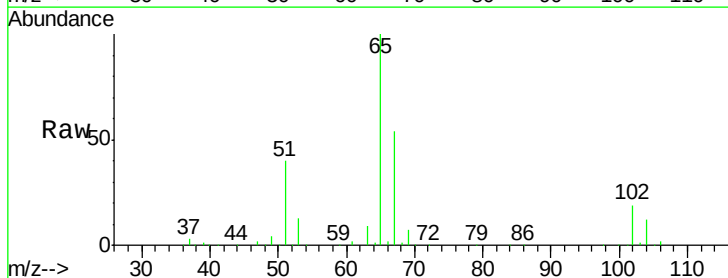
Tot Ion: 96 Resp: 313194
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 327.6
 98 64.1 0.0 128.6

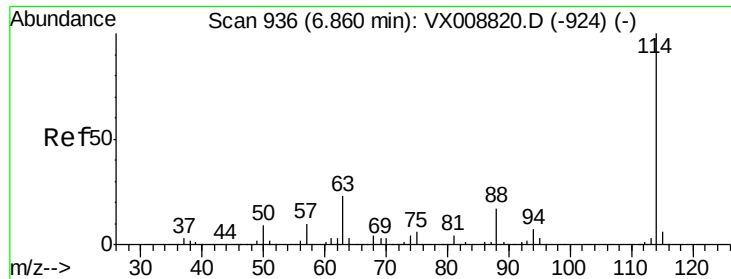


#33

1,2-Dichloroethane-d4
 Concen: 45.707 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008811.D
 Acq: 10 Apr 2019 17:29

Tgt Ion: 65 Resp: 134699
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2

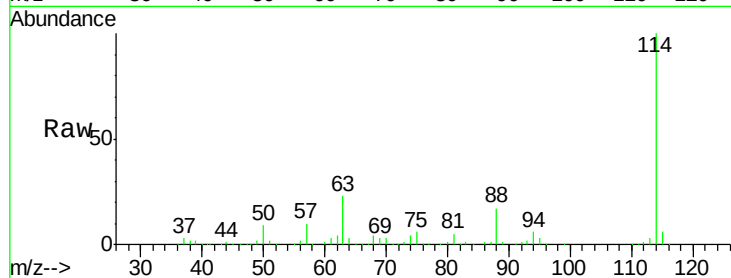




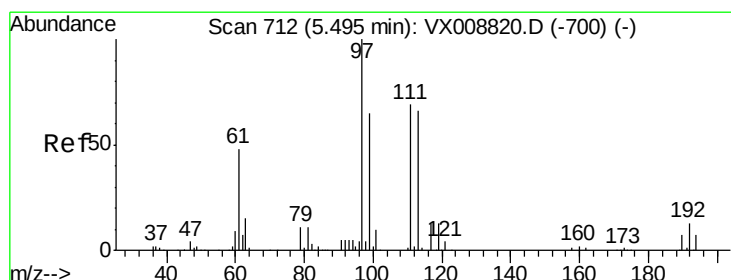
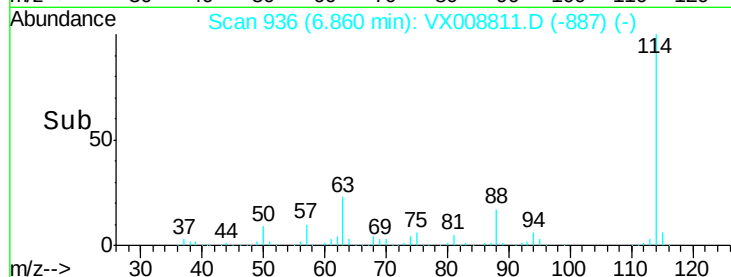
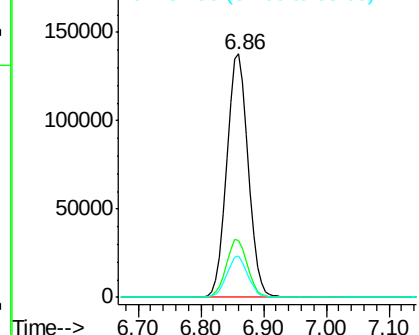
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008811.D
 Acq: 10 Apr 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0507-190409

Tot Ion:114 Resp: 326164
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 16.8 0.0 34.0

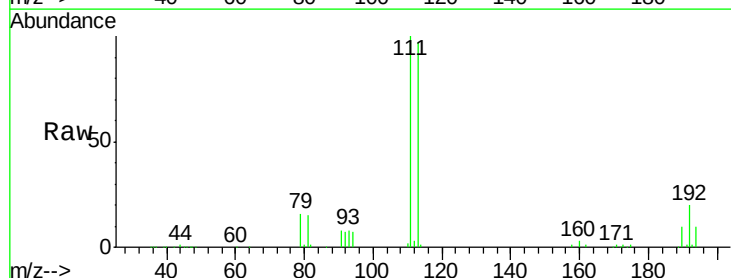


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

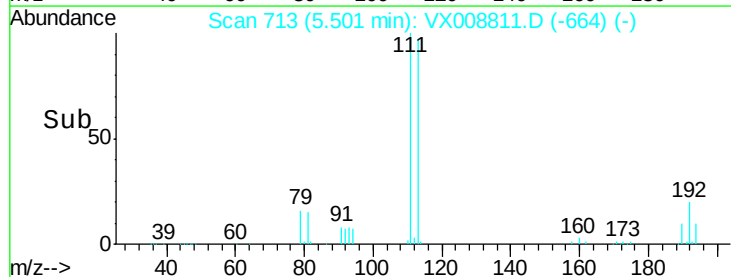
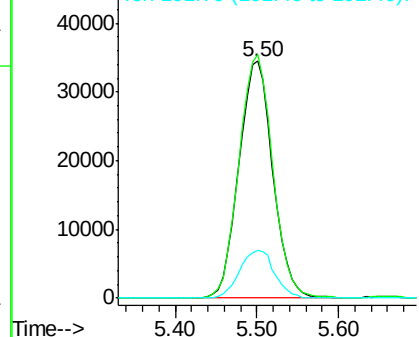


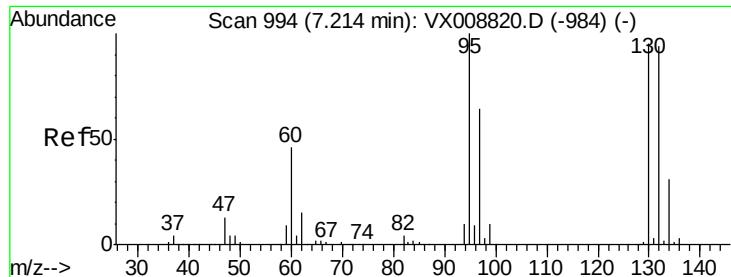
#35
 Dibromofluoromethane
 Concen: 47.620 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008811.D
 Acq: 10 Apr 2019 17:29

Tgt Ion:113 Resp: 99305
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.2
 192 20.7 16.1 24.1



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





#44

Trichloroethene

Concen: 3.659 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008811.D

Acq: 10 Apr 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

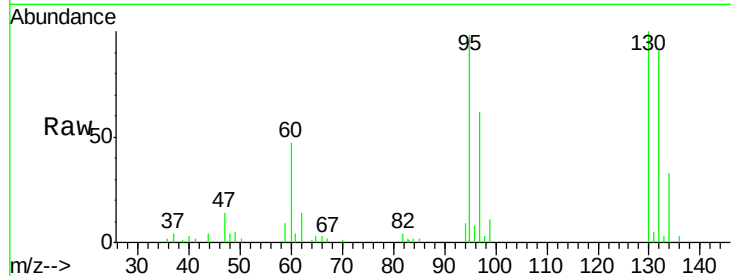
DUP-0507-190409

Tot Ion:130 Resp: 9052

Ion Ratio Lower Upper

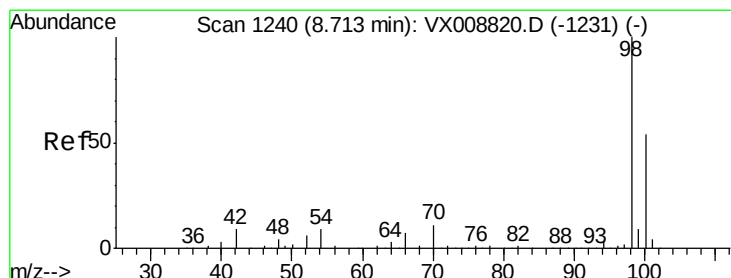
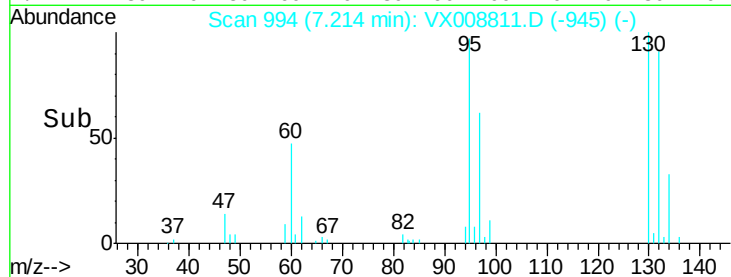
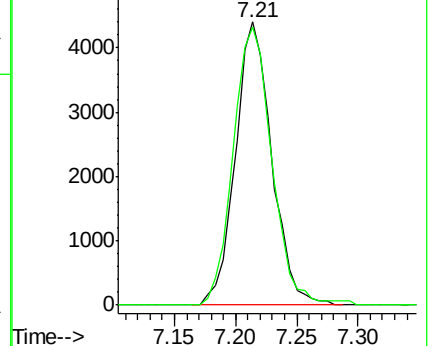
130 100

95 98.3 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.078 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008811.D

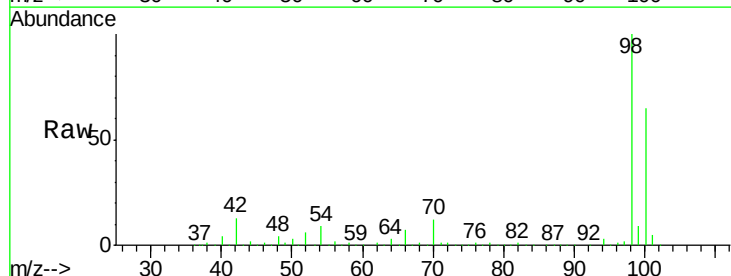
Acq: 10 Apr 2019 17:29

Tgt Ion: 98 Resp: 407511

Ion Ratio Lower Upper

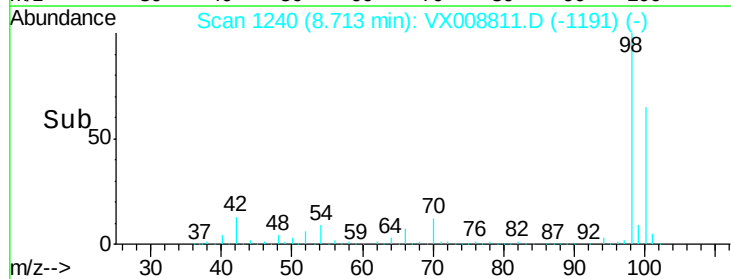
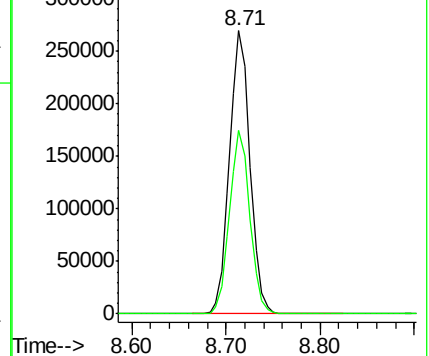
98 100

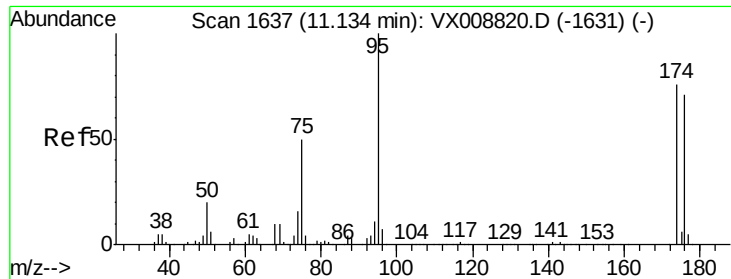
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.713 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008811.D

Acq: 10 Apr 2019 17:29

Instrument :

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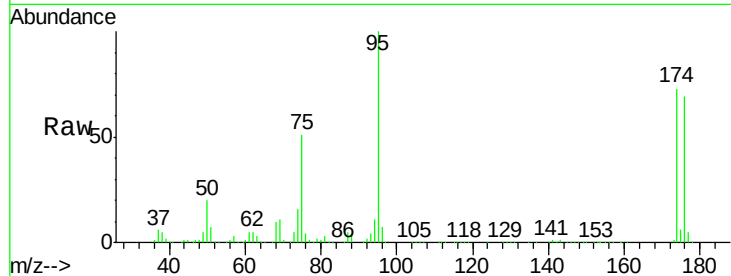
Tot Ion: 95 Resp: 131658

Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.8

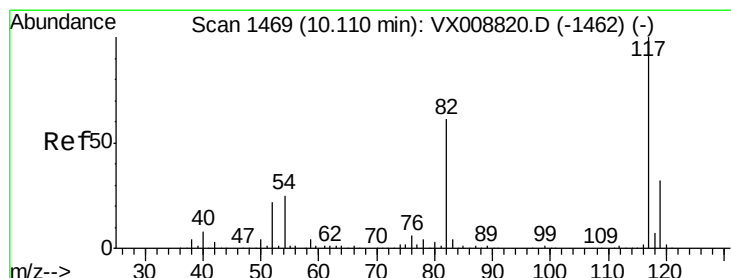
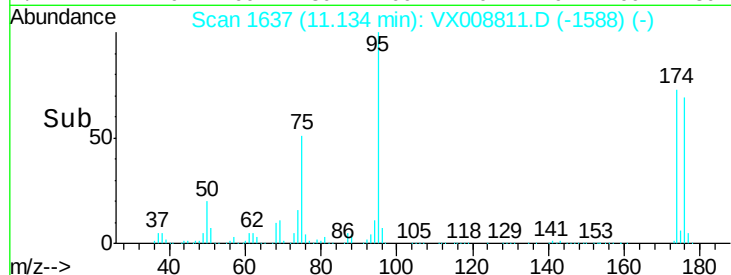
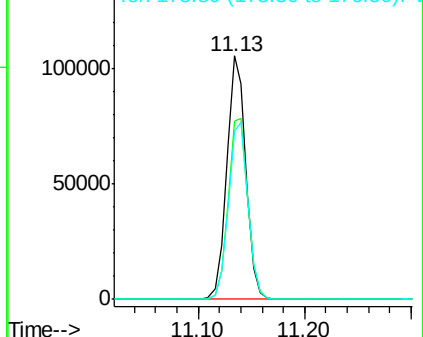
176 75.2 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008811.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008811.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008811.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008811.D

Acq: 10 Apr 2019 17:29

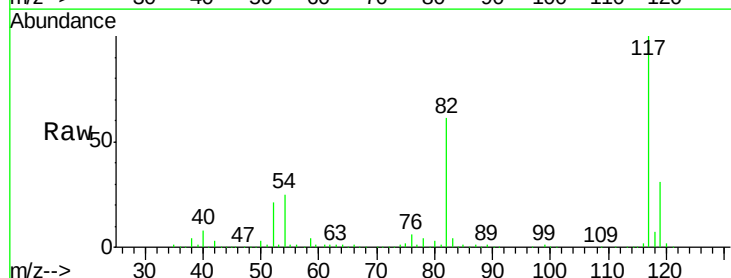
Tgt Ion: 117 Resp: 279602

Ion Ratio Lower Upper

117 100

82 60.7 49.6 74.4

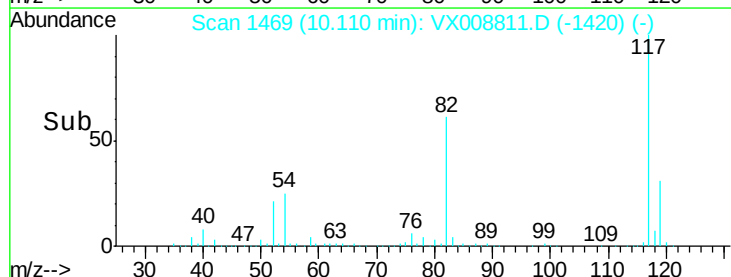
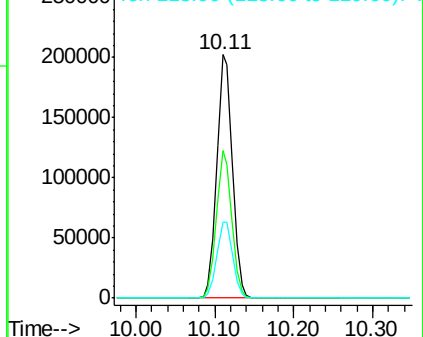
119 31.4 25.0 37.4

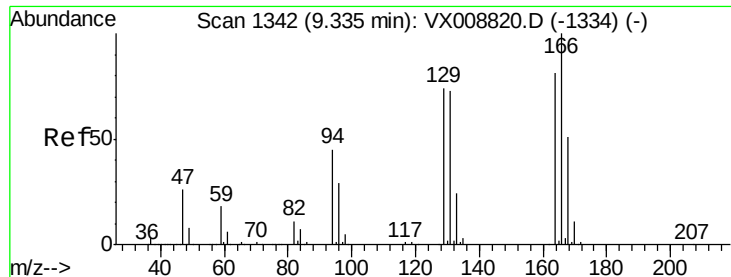


Abundance Ion 116.90 (116.60 to 117.60): VX008811.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008811.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008811.D (-1420) (-)





#64

Tetrachloroethene

Concen: 3.056 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008811.D

Acq: 10 Apr 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-0507-190409

Tot Ion:164 Resp: 6331

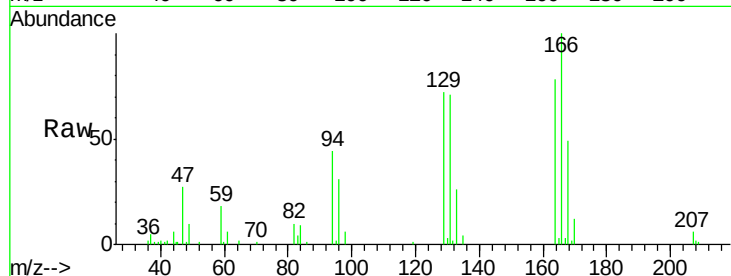
Ion Ratio Lower Upper

164 100

166 128.1 101.0 151.6

129 92.9 75.8 113.8

131 90.6 71.8 107.8

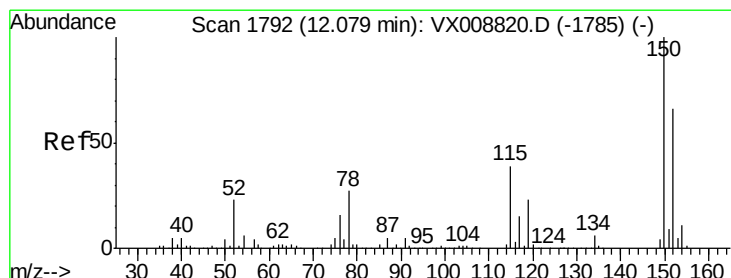
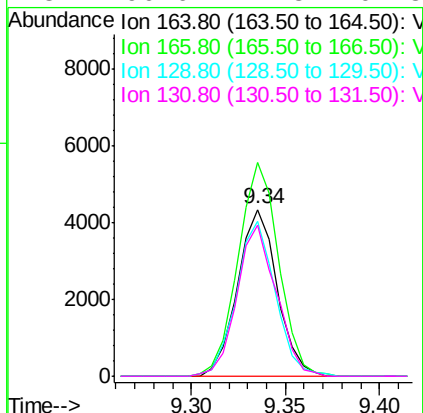
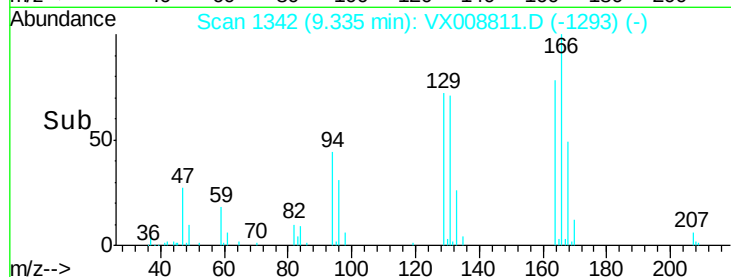


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008811.D

Acq: 10 Apr 2019 17:29

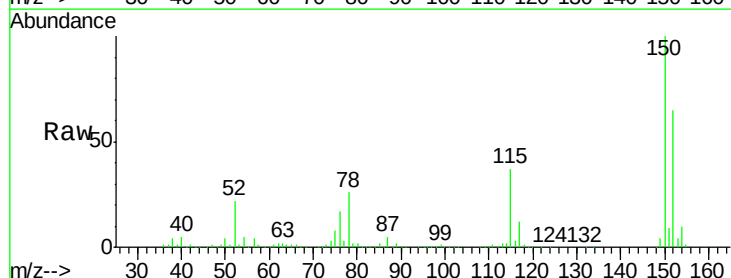
Tgt Ion:152 Resp: 112285

Ion Ratio Lower Upper

152 100

115 59.2 43.5 130.5

150 156.4 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

