

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010261.D
 Acq On : 12 Jun 2019 19:18
 Operator : JC/SP
 Sample : K3315-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20190607

Quant Time: Jun 13 03:40:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

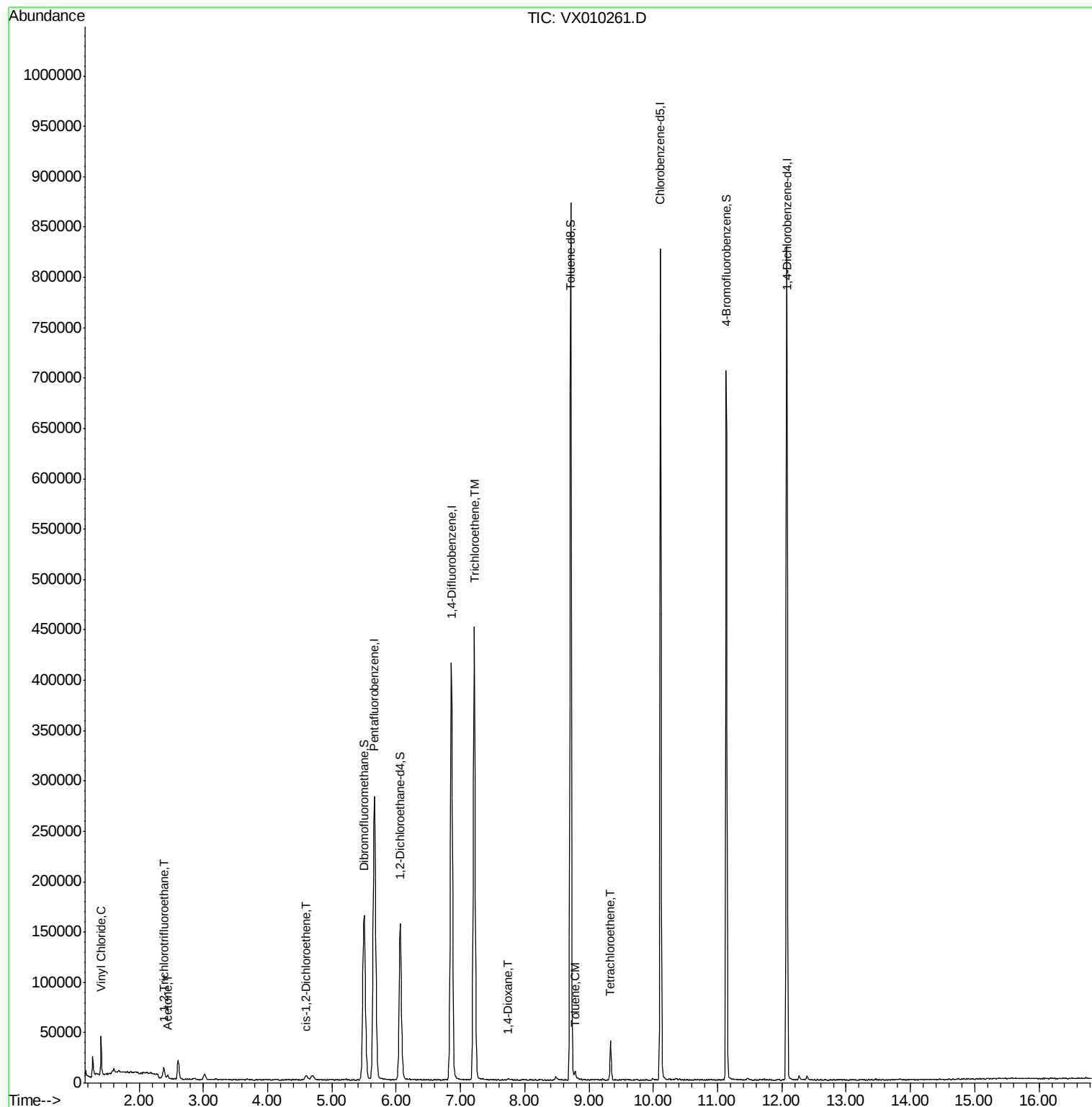
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	461731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	413355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138060	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
35) Dibromofluoromethane	5.50	113	142636	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	8.71	98	543389	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	182316	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	24791	9.471	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3836	1.431	ug/l	95
16) Acetone	2.44	43	3963	2.832	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	2922	0.867	ug/l	73
44) Trichloroethene	7.21	130	185751	52.903	ug/l	84
49) 1,4-Dioxane	7.74	88	1257	14.385	ug/l #	78
52) Toluene	8.79	92	2444	0.319	ug/l	91
64) Tetrachloroethene	9.34	164	7963	2.594	ug/l	97

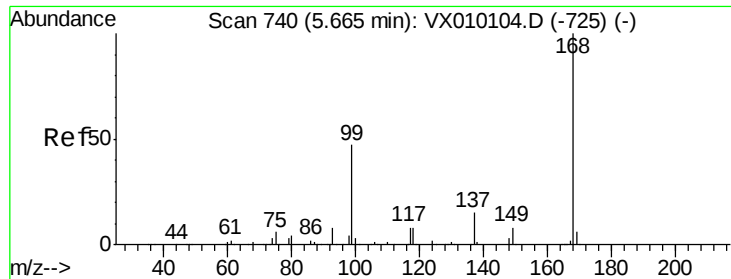
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061219\
Data File : VX010261.D
Acq On : 12 Jun 2019 19:18
Operator : JC/SP
Sample : K3315-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190607

Quant Time: Jun 13 03:40:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

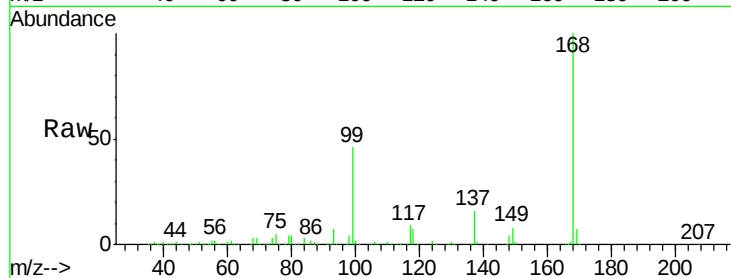
RE104D1-20190607

Tot Ion:168 Resp: 304786

Ion Ratio Lower Upper

168 100

99 45.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

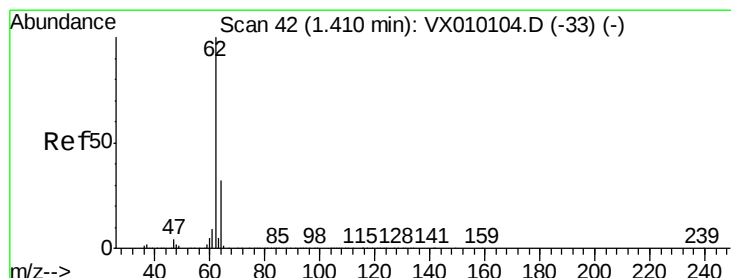
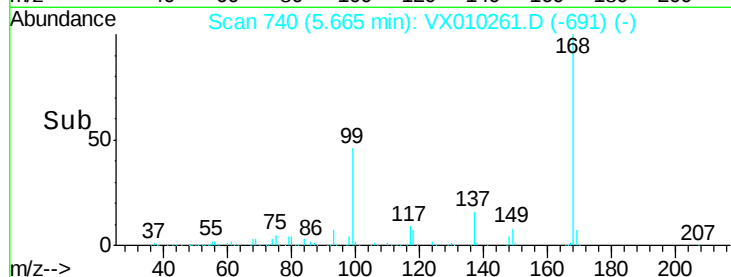
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 9.471 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010261.D

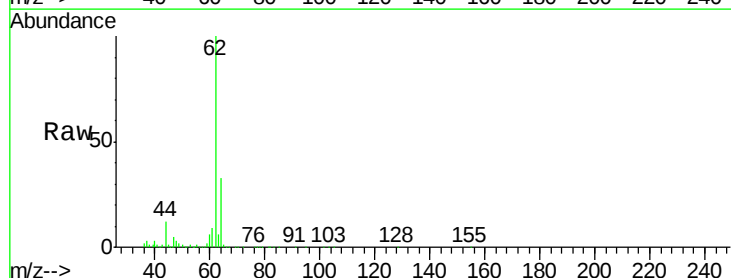
Acq: 12 Jun 2019 19:18

Tgt Ion: 62 Resp: 24791

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

25000

20000

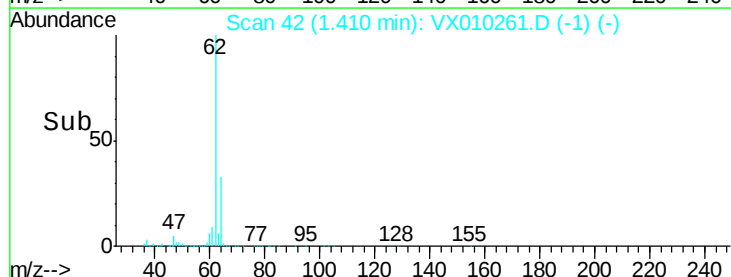
15000

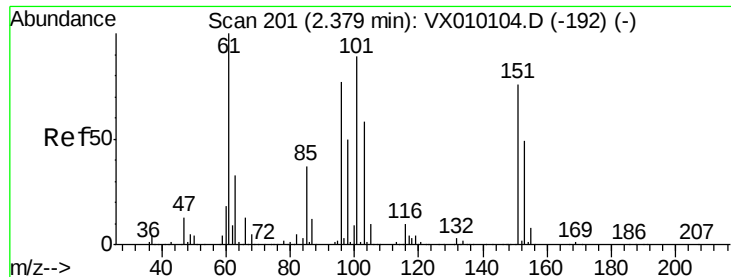
10000

5000

0

Time--> 1.35 1.40 1.45





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.431 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20190607

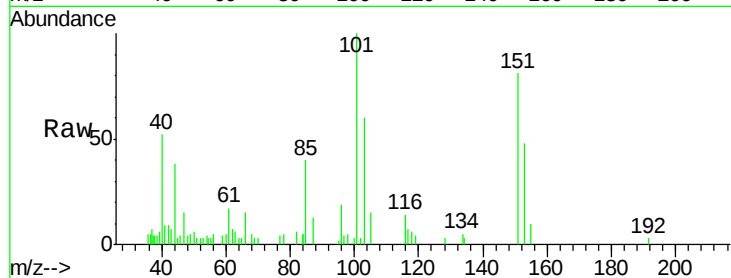
Tot Ion:101 Resp: 3836

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

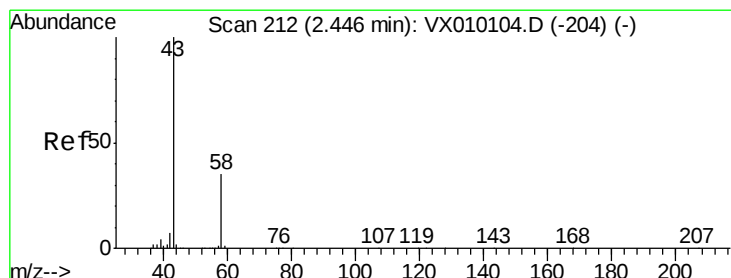
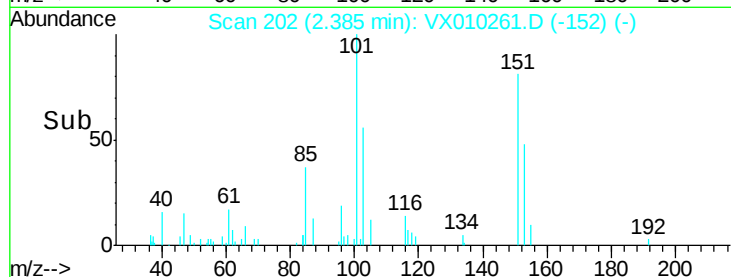
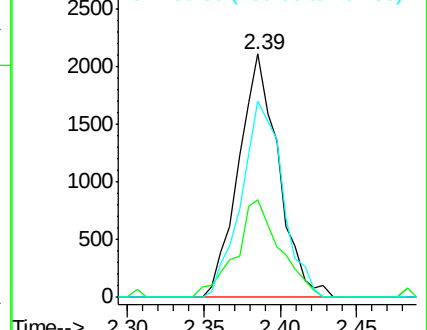
151 83.8 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#16

Acetone

Concen: 2.832 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010261.D

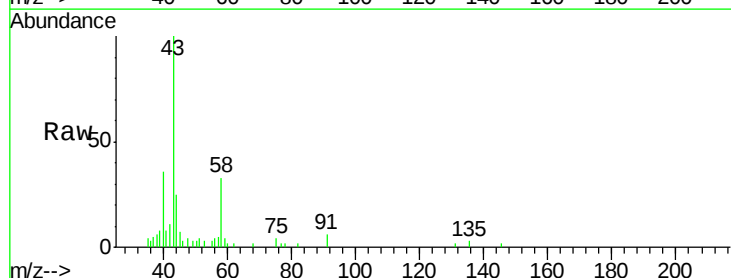
Acq: 12 Jun 2019 19:18

Tgt Ion: 43 Resp: 3963

Ion Ratio Lower Upper

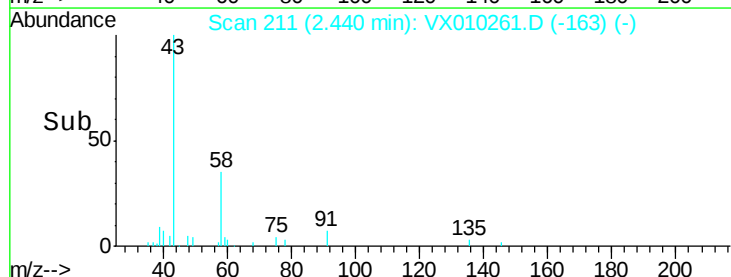
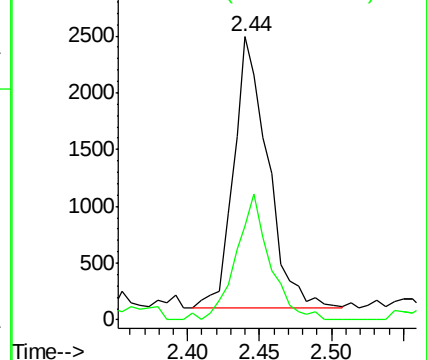
43 100

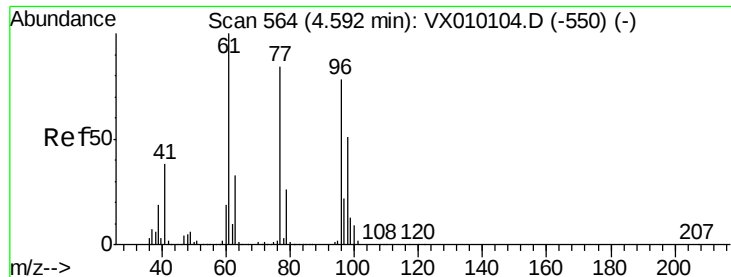
58 34.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



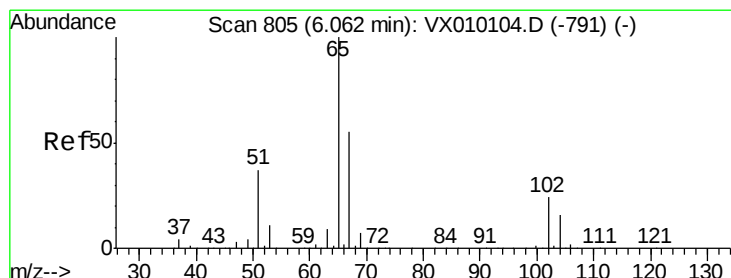
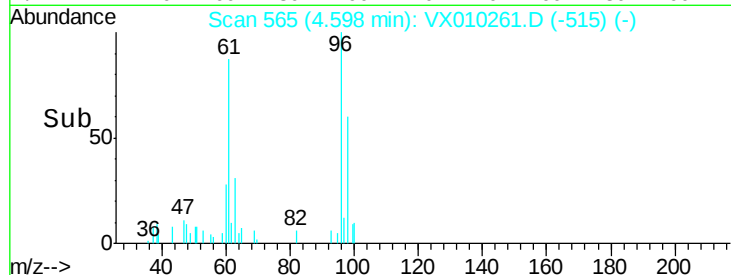
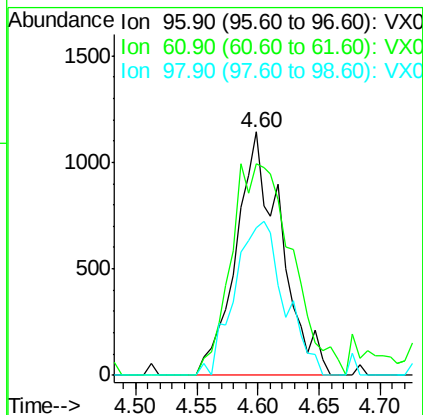
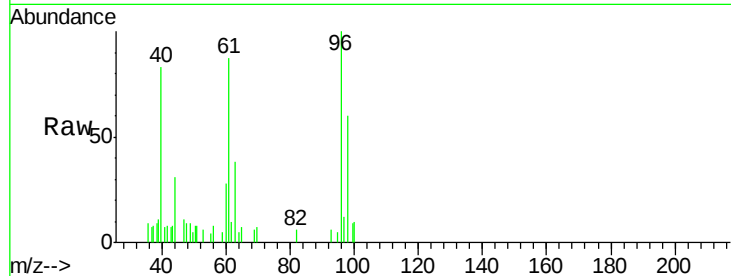


#27

cis-1,2-Dichloroethene
 Concen: 0.867 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010261.D
 Acq: 12 Jun 2019 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20190607

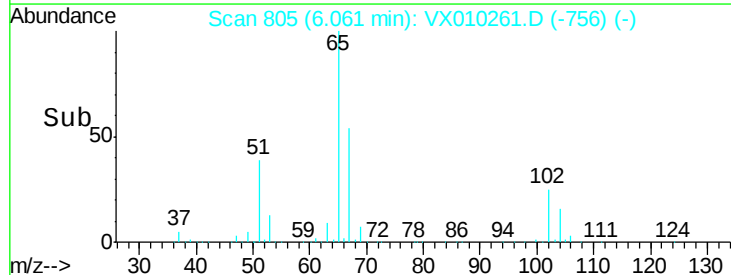
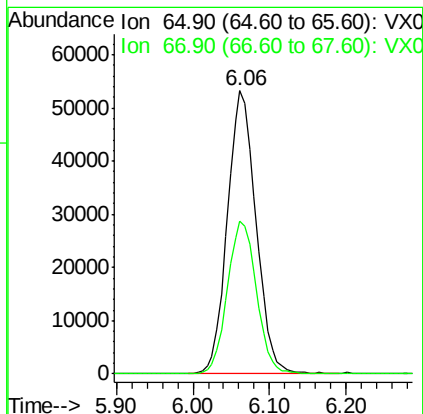
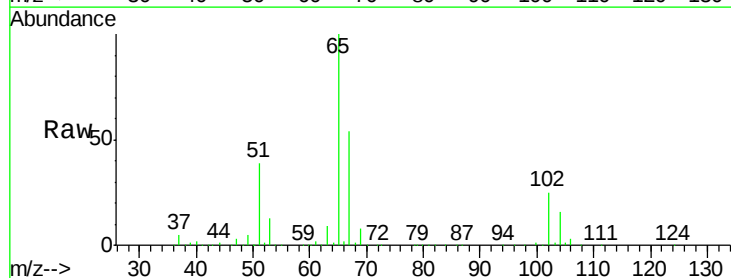
Tot Ion: 96 Resp: 2922
 Ion Ratio Lower Upper
 96 100
 61 118.0 0.0 334.0
 98 70.2 0.0 131.6

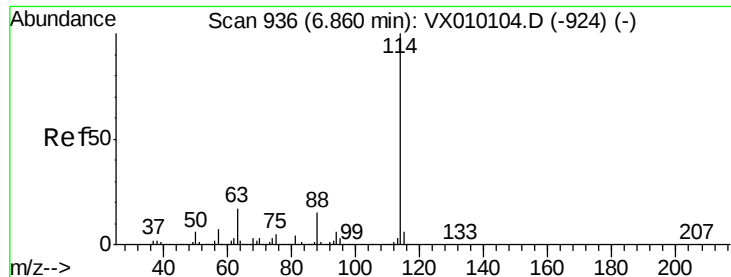


#33

1,2-Dichloroethane-d4
 Concen: 46.406 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010261.D
 Acq: 12 Jun 2019 19:18

Tgt Ion: 65 Resp: 138060
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20190607

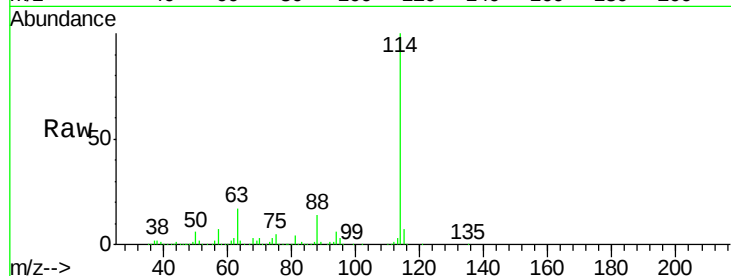
Tot Ion:114 Resp: 461731

Ion Ratio Lower Upper

114 100

63 16.9 0.0 47.4

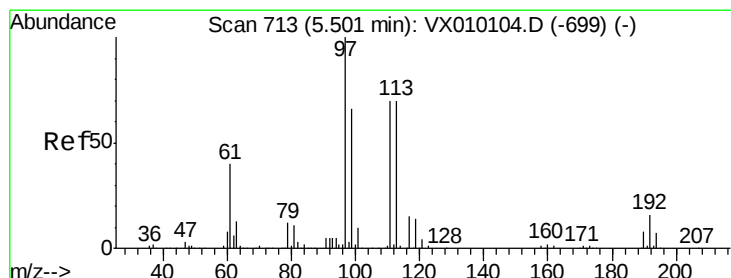
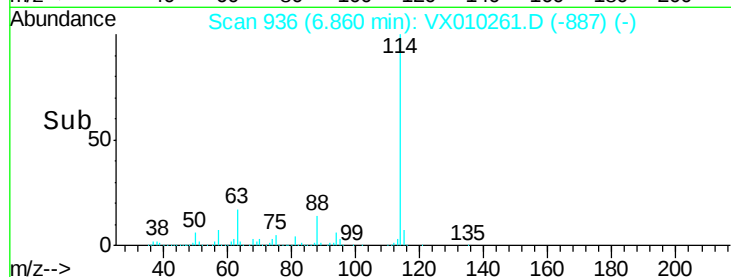
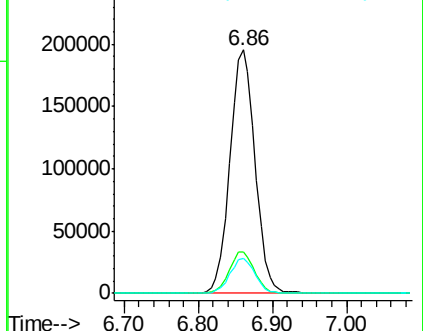
88 14.5 0.0 33.0



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: 50.082 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

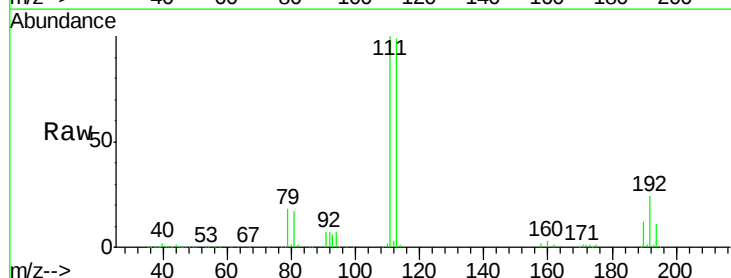
Tgt Ion:113 Resp: 142636

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

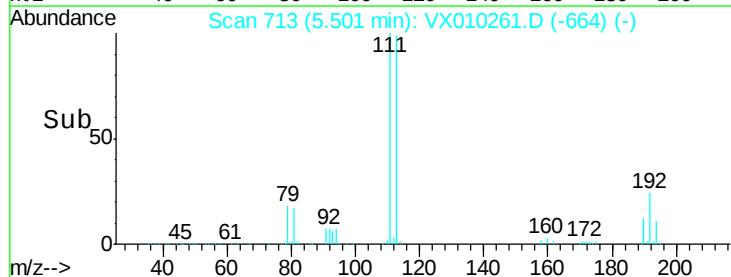
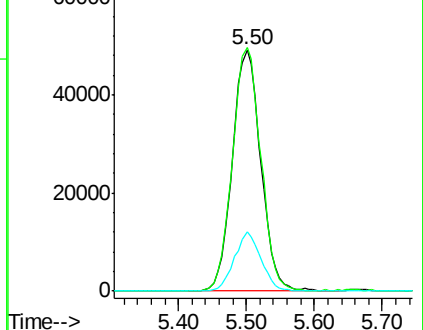
192 23.0 17.1 25.7

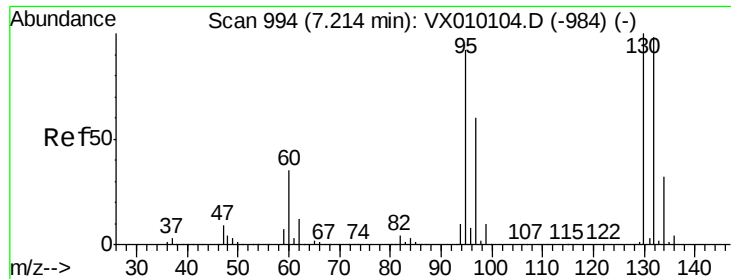


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 52.903 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

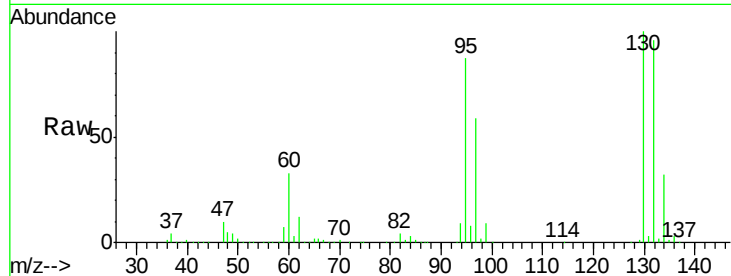
RE104D1-20190607

Tot Ion:130 Resp: 185751

Ion Ratio Lower Upper

130 100

95 87.5 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

100000

80000

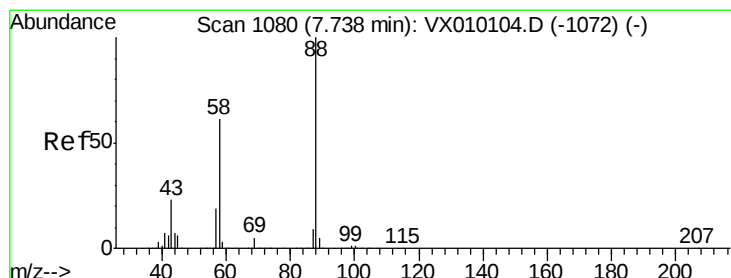
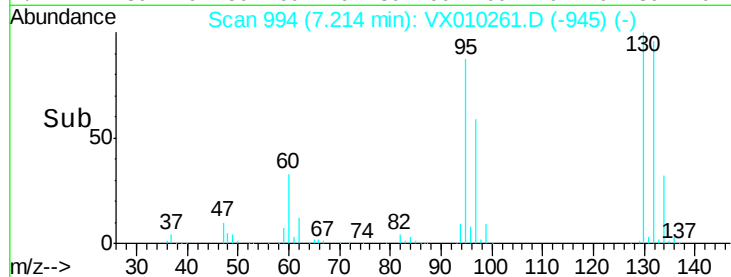
60000

40000

20000

0

Time-->



#49

1,4-Dioxane

Concen: 14.385 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

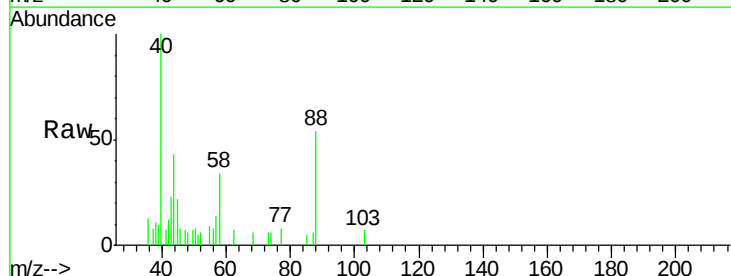
Tgt Ion: 88 Resp: 1257

Ion Ratio Lower Upper

88 100

43 15.8 30.2 45.4#

58 67.1 64.0 96.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.74

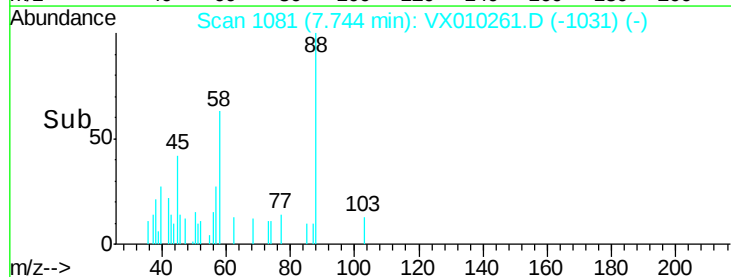
600

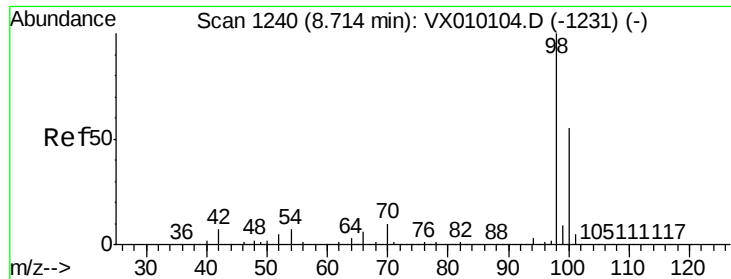
400

200

0

Time-->

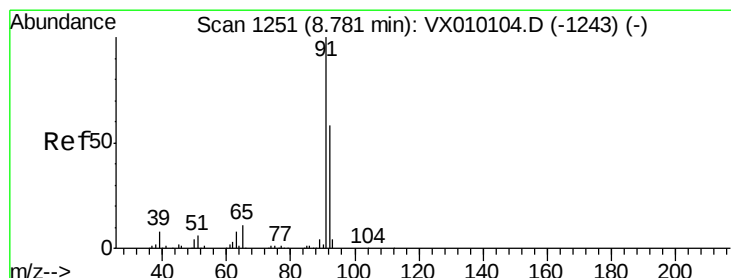
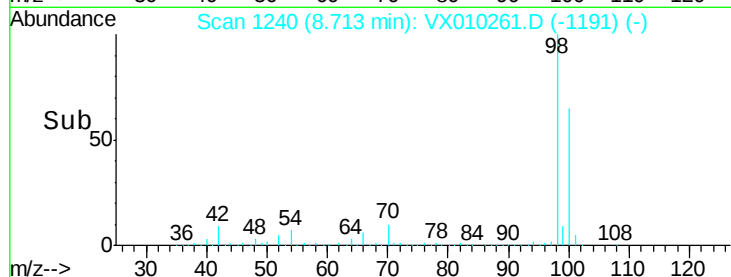
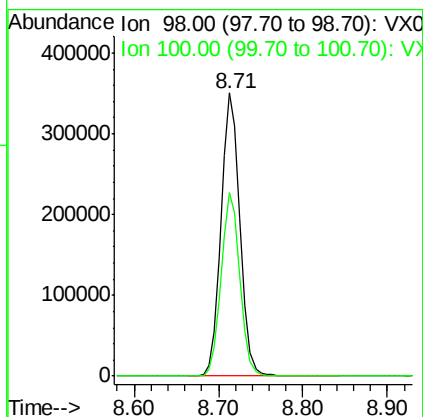
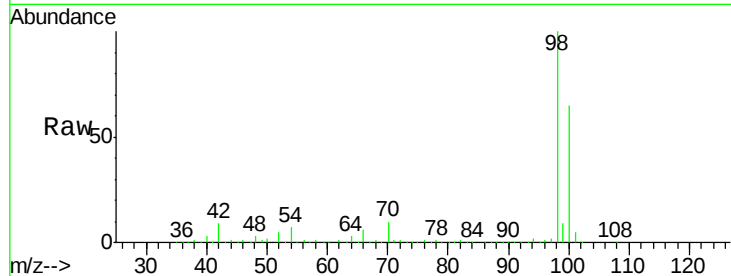




#50
Toluene-d8
Concen: 50.907 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010261.D
Acq: 12 Jun 2019 19:18

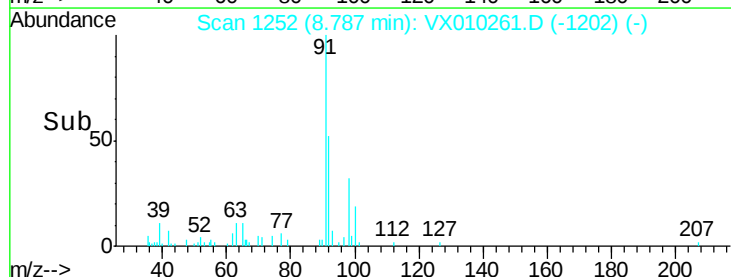
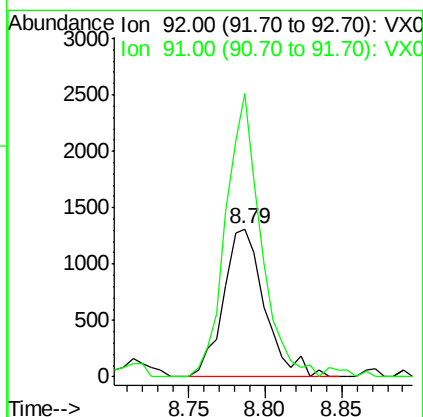
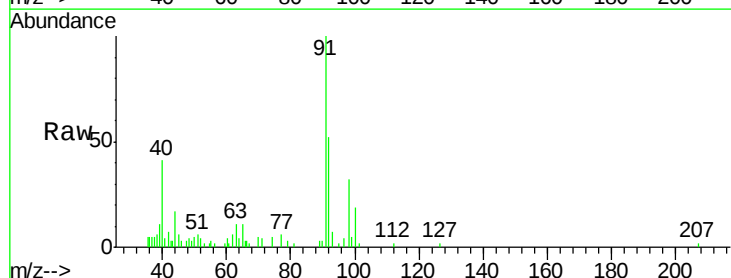
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190607

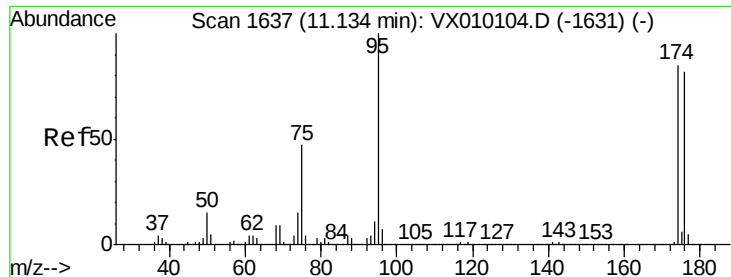
Tot Ion: 98 Resp: 543389
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#52
Toluene
Concen: 0.319 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010261.D
Acq: 12 Jun 2019 19:18

Tgt Ion: 92 Resp: 2444
Ion Ratio Lower Upper
92 100
91 162.9 139.9 209.9





#62

4-Bromofluorobenzene

Concen: 45.735 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20190607

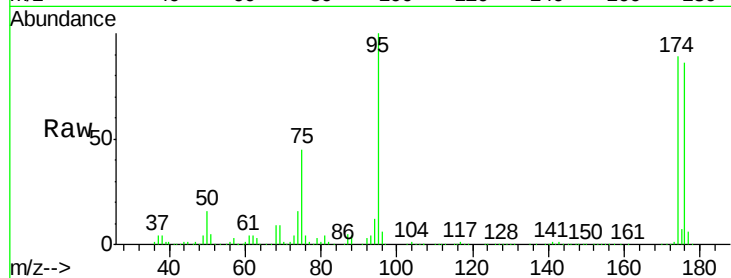
Tot Ion: 95 Resp: 182316

Ion Ratio Lower Upper

95 100

174 95.4 0.0 160.4

176 92.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)

11.13

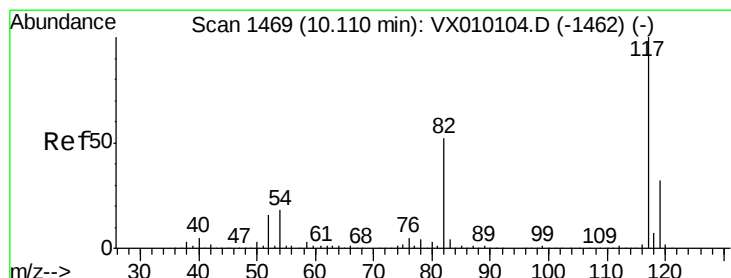
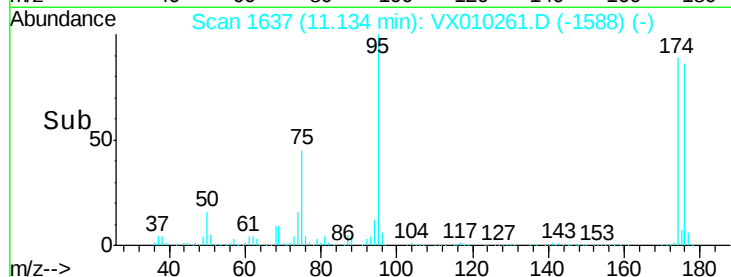
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

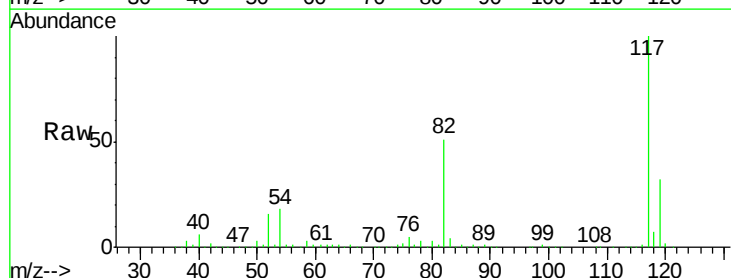
Tgt Ion: 117 Resp: 413355

Ion Ratio Lower Upper

117 100

82 50.9 49.2 73.8

119 31.9 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

10.11

400000

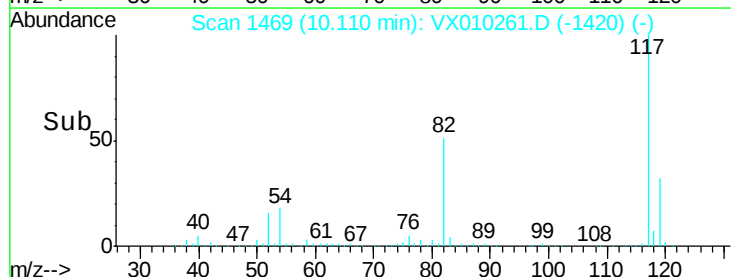
300000

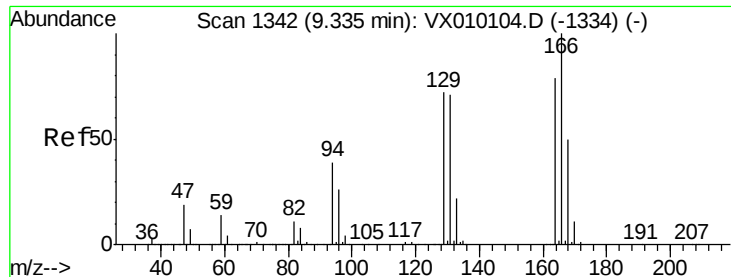
200000

100000

0

Time-->





#64

Tetrachloroethene

Concen: 2.594 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190607

Tot Ion:164 Resp: 7963

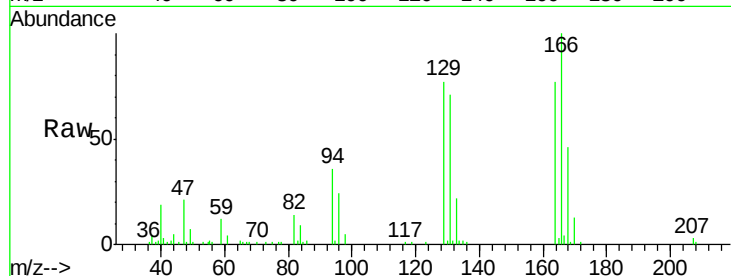
Ion Ratio Lower Upper

164 100

166 130.2 105.0 157.4

129 100.4 75.1 112.7

131 92.6 72.2 108.4

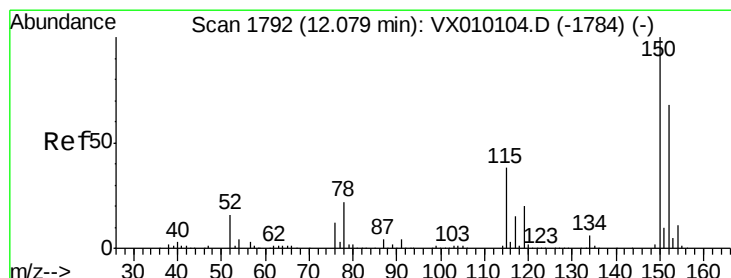
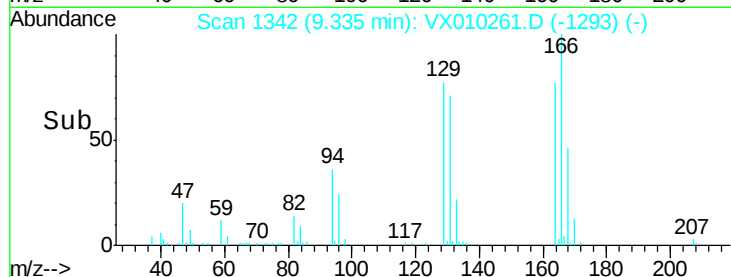
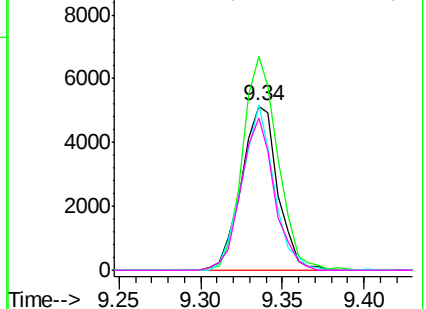


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010261.D

Acq: 12 Jun 2019 19:18

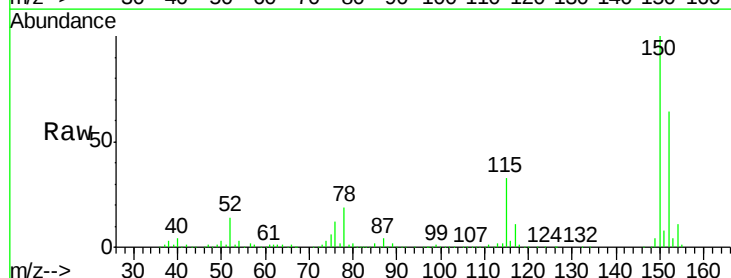
Tgt Ion:152 Resp: 193118

Ion Ratio Lower Upper

152 100

115 53.5 41.4 124.2

150 156.3 0.0 345.2



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

