

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006684.D
 Acq On : 20 Dec 2018 18:54
 Operator : JC/MD
 Sample : J6484-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 963-MW-01(23)

Quant Time: Dec 21 04:32:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

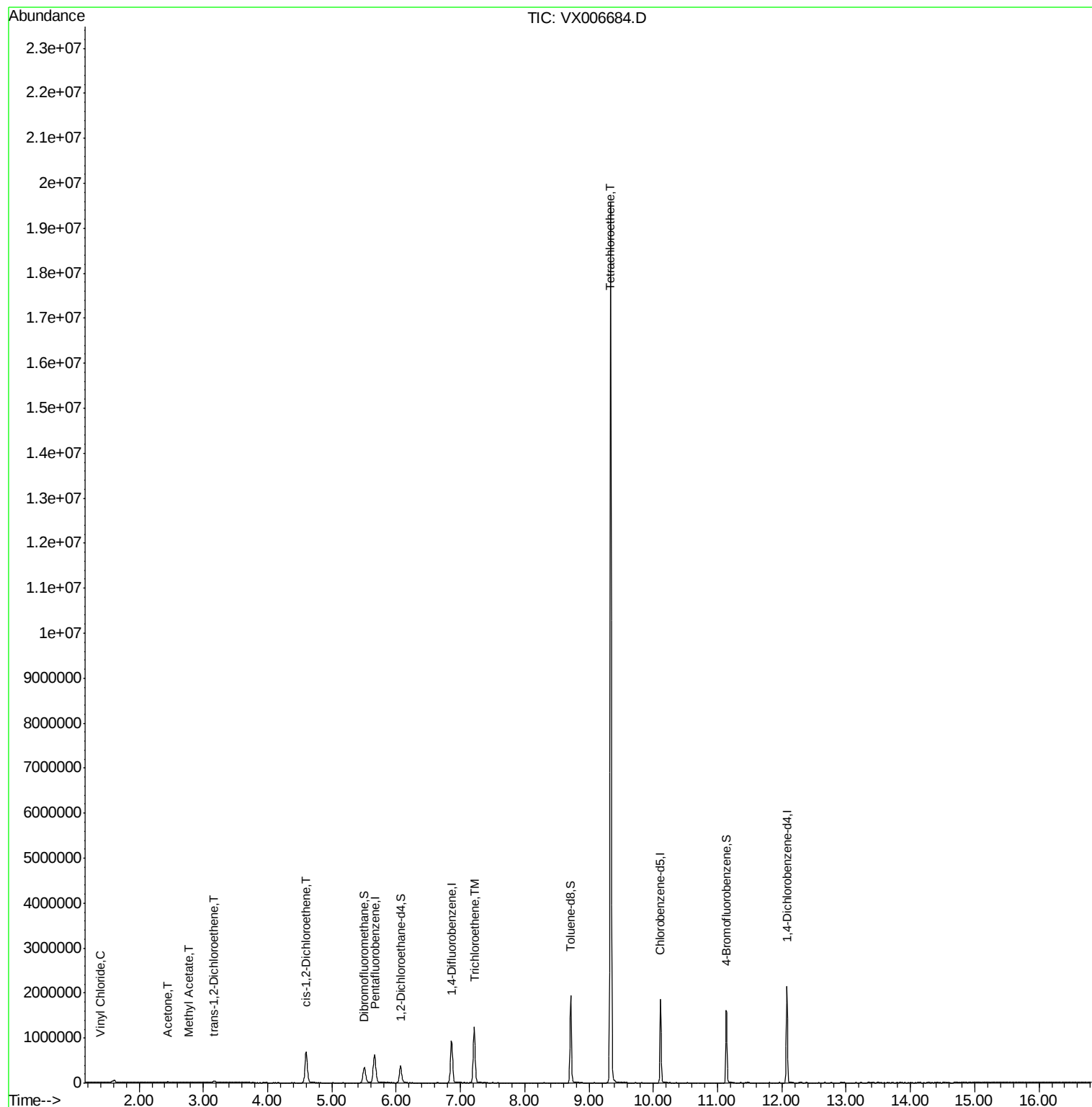
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	641263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1018860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	926625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	444156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	342080	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	5.51	113	301886	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	8.71	98	1202847	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	427420	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	2671	0.405	ug/l	100
16) Acetone	2.45	43	10995	3.463	ug/l	94
18) Methyl Acetate	2.78	43	9985	1.069	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	12142	1.913	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	462233	65.994	ug/l	93
44) Trichloroethene	7.21	130	499629	64.356	ug/l	98
64) Tetrachloroethene	9.34	164	3773313	514.253	ug/l	99

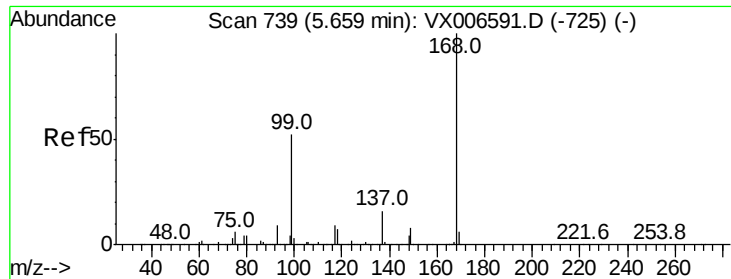
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006684.D
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006684.D

Acq: 20 Dec 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

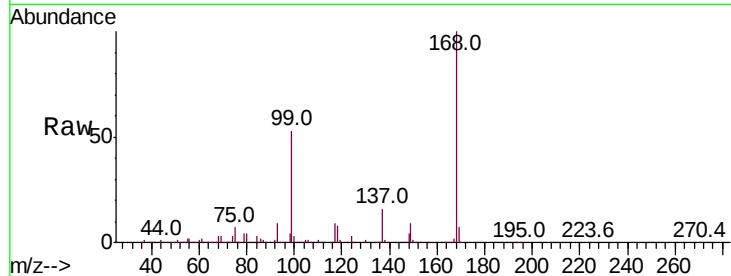
963-MW-01(23)

Tot Ion:168 Resp: 641263

Ion Ratio Lower Upper

168 100

99 53.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

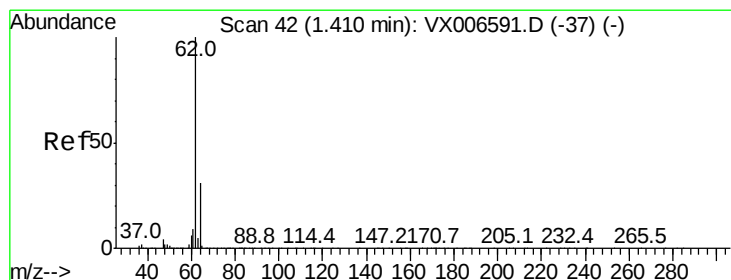
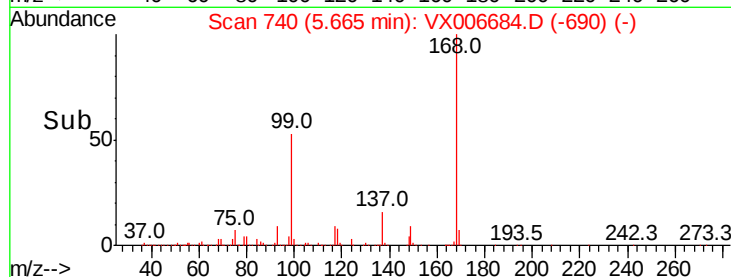
50000

0

5.67

5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 0.405 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006684.D

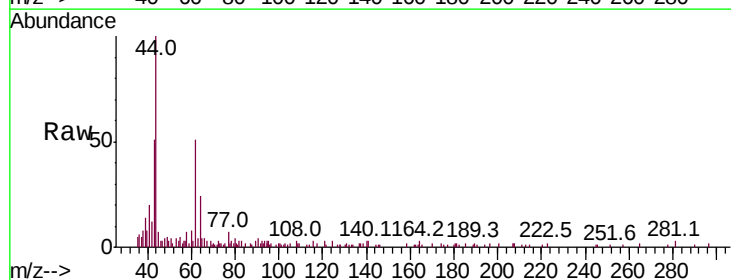
Acq: 20 Dec 2018 18:54

Tgt Ion: 62 Resp: 2671

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

3000

2500

2000

1500

1000

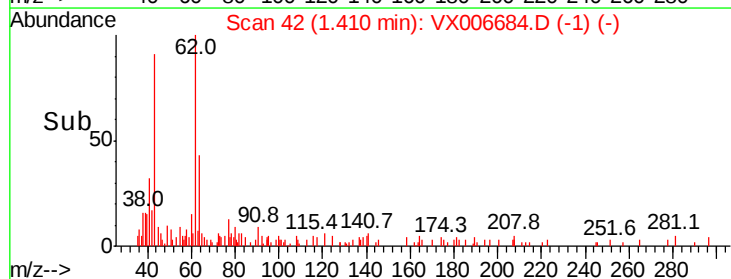
500

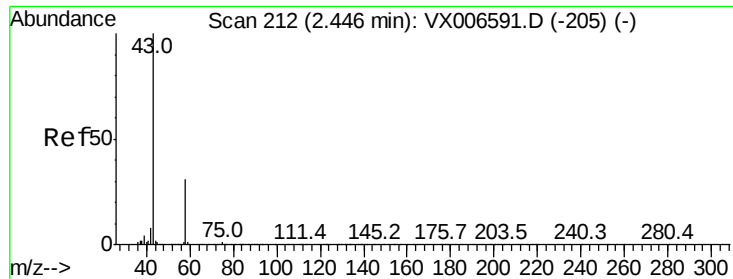
0

1.41

1.40 1.45

Time-->

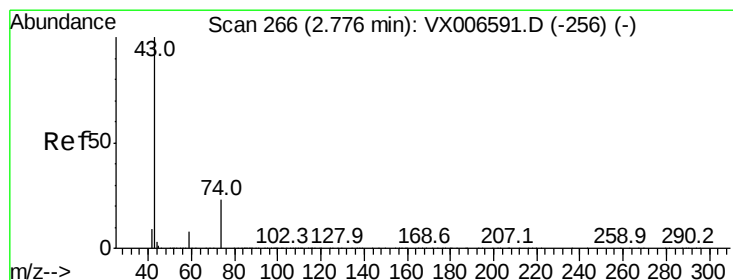
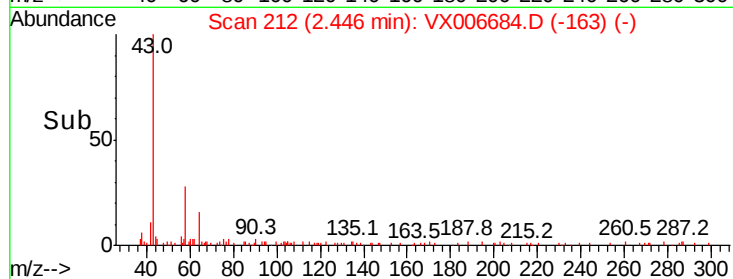
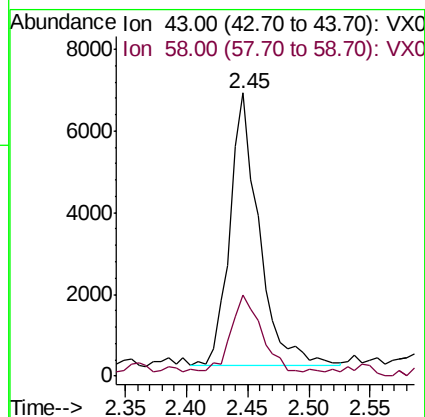
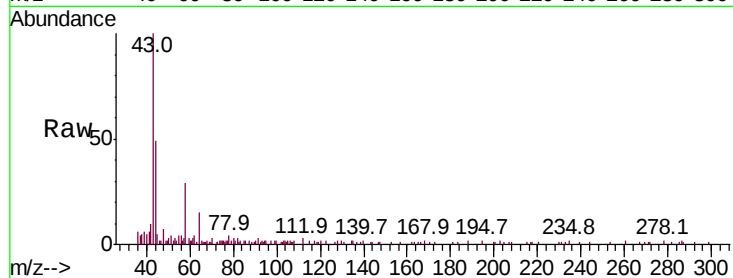




#16
Acetone
Concen: 3.463 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006684.D
Acq: 20 Dec 2018 18:54

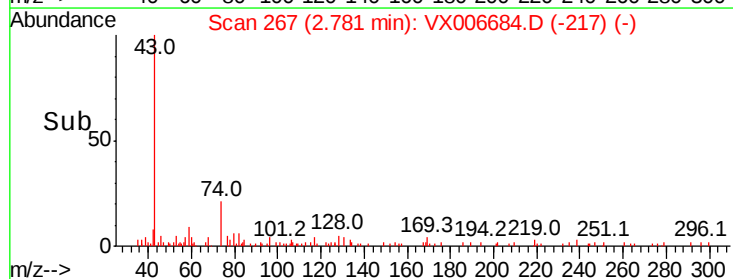
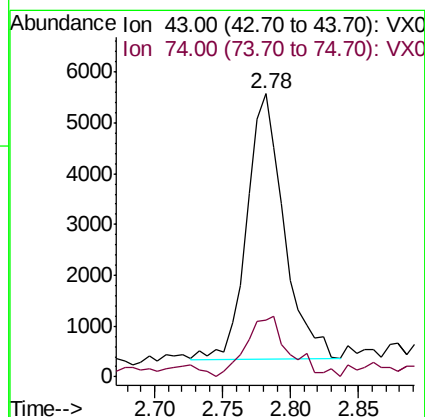
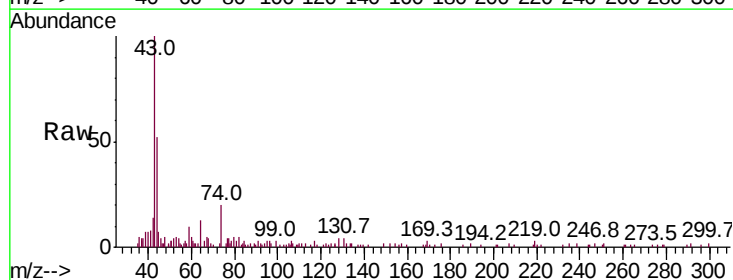
Instrument :
MSVOA_X
ClientSampleId :
963-MW-01(23)

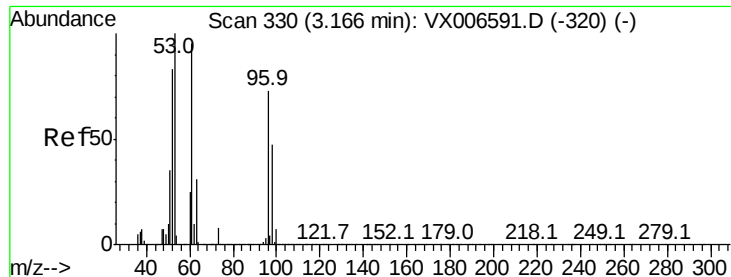
Tot Ion: 43 Resp: 10995
Ion Ratio Lower Upper
43 100
58 28.1 25.0 37.6



#18
Methyl Acetate
Concen: 1.069 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006684.D
Acq: 20 Dec 2018 18:54

Tgt Ion: 43 Resp: 9985
Ion Ratio Lower Upper
43 100
74 25.9 18.6 28.0





#21

trans-1,2-Dichloroethene

Concen: 1.913 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006684.D

Acq: 20 Dec 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

963-MW-01(23)

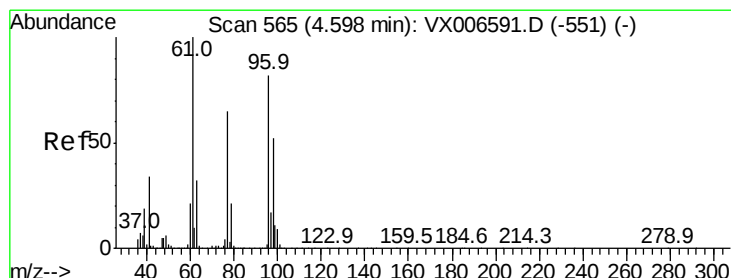
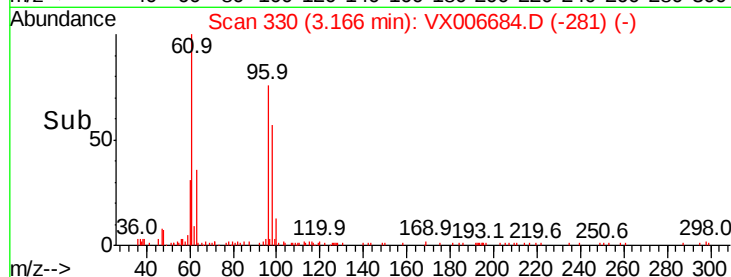
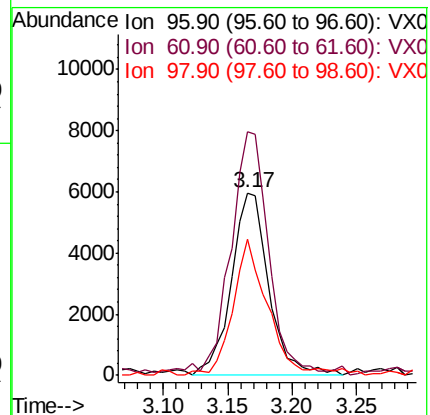
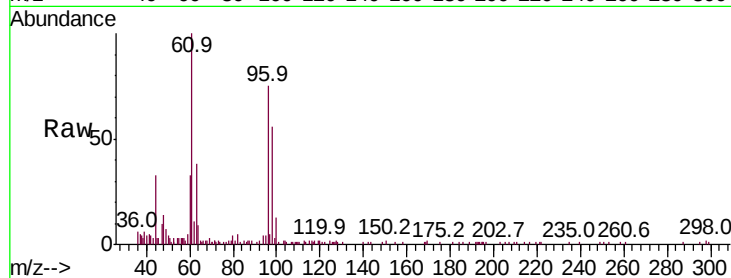
Tot Ion: 96 Resp: 12142

Ion Ratio Lower Upper

96 100

61 128.5 103.7 155.5

98 72.2 51.0 76.6



#27

cis-1,2-Dichloroethene

Concen: 65.994 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006684.D

Acq: 20 Dec 2018 18:54

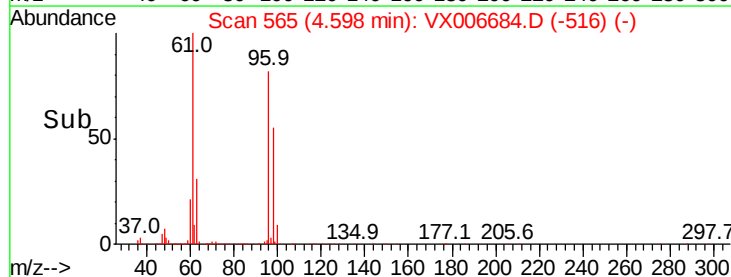
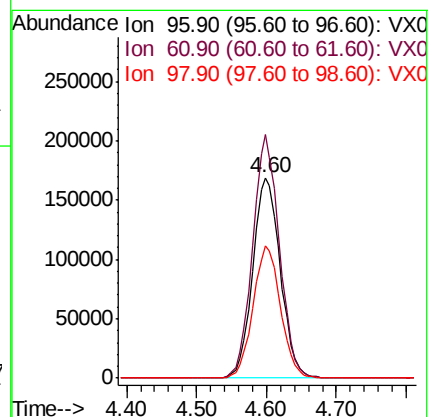
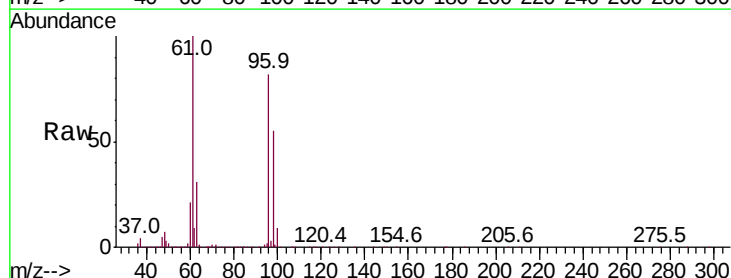
Tgt Ion: 96 Resp: 462233

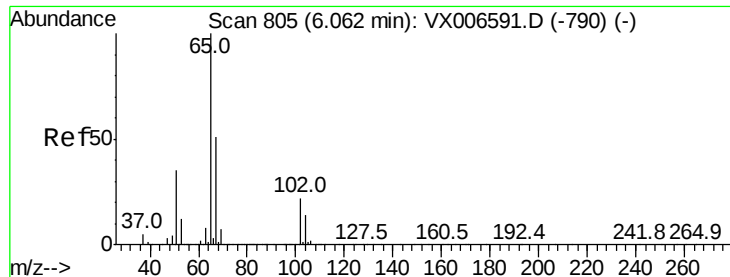
Ion Ratio Lower Upper

96 100

61 117.4 0.0 258.6

98 65.7 0.0 132.0





#33

1,2-Dichloroethane-d4

Concen: 49.496 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006684.D

Acq: 20 Dec 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

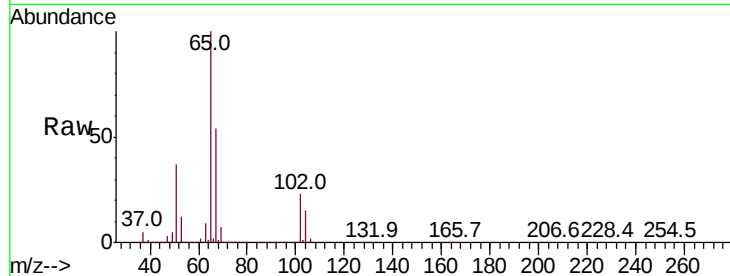
963-MW-01(23)

Tot Ion: 65 Resp: 342080

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

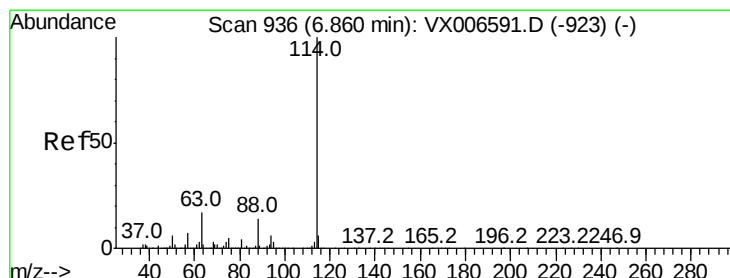
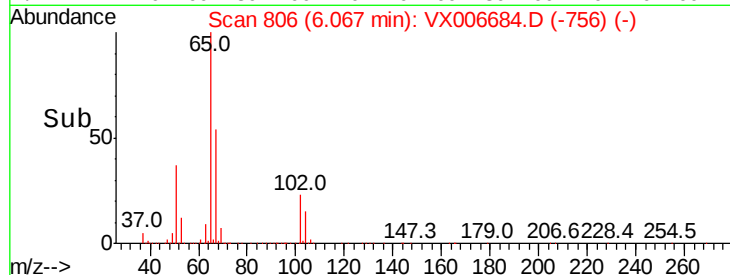
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006684.D

Acq: 20 Dec 2018 18:54

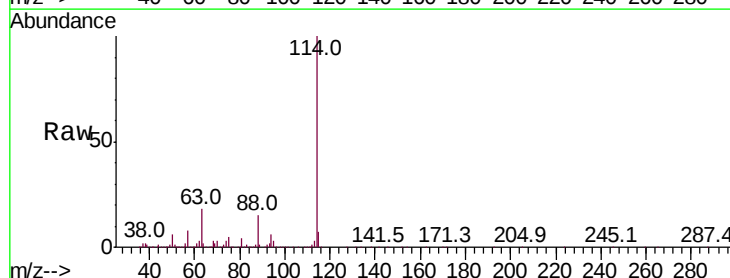
Tgt Ion:114 Resp: 1018860

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

88 14.5 0.0 28.8



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

600000

500000

400000

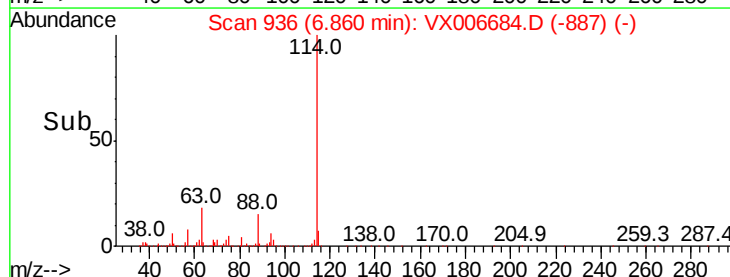
300000

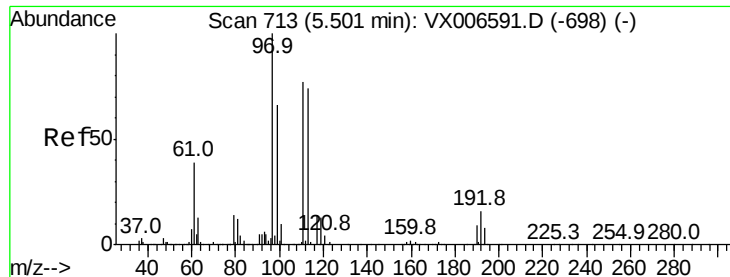
200000

100000

0

Time--> 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.854 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006684.D

Acq: 20 Dec 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

963-MW-01(23)

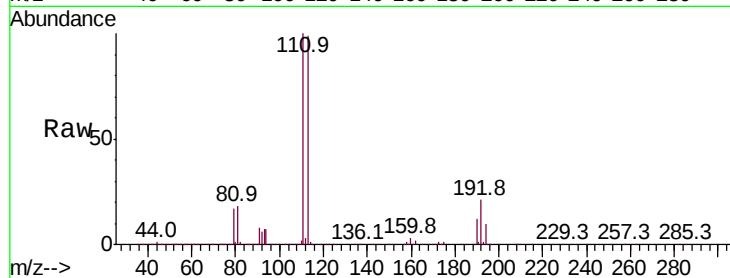
Tot Ion:113 Resp: 301886

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

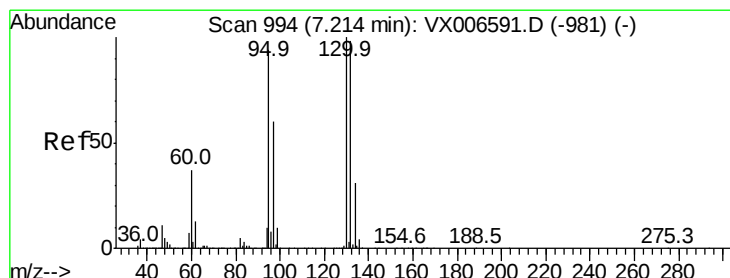
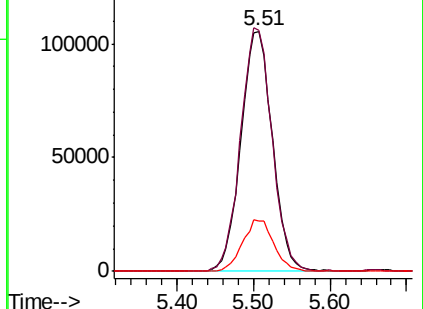
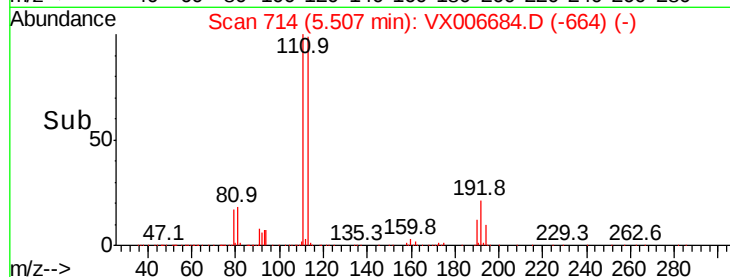
192 21.3 16.7 25.1



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: 64.356 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006684.D

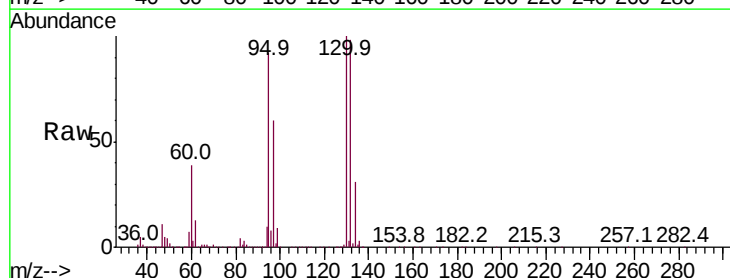
Acq: 20 Dec 2018 18:54

Tgt Ion:130 Resp: 499629

Ion Ratio Lower Upper

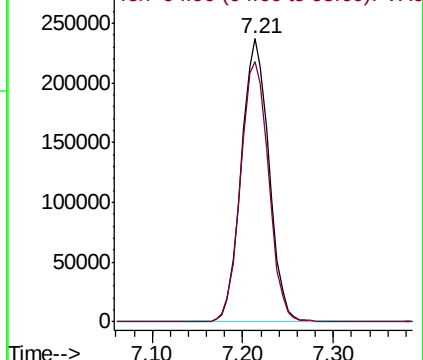
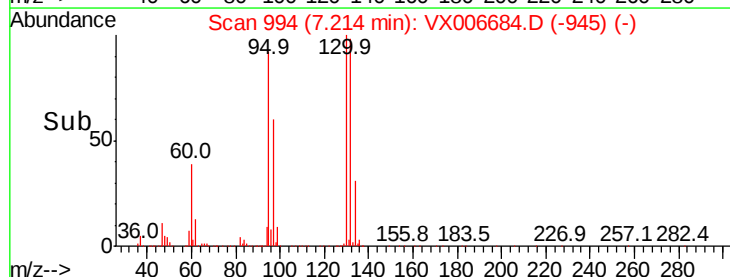
130 100

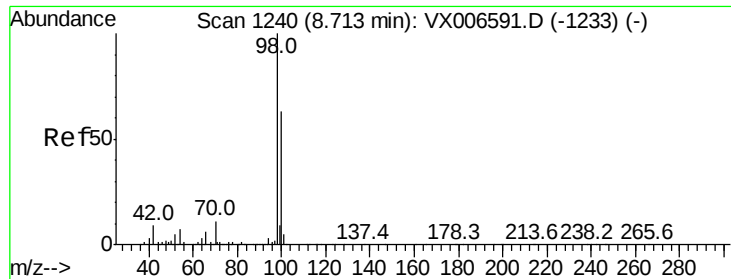
95 91.9 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.519 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006684.D

Acq: 20 Dec 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

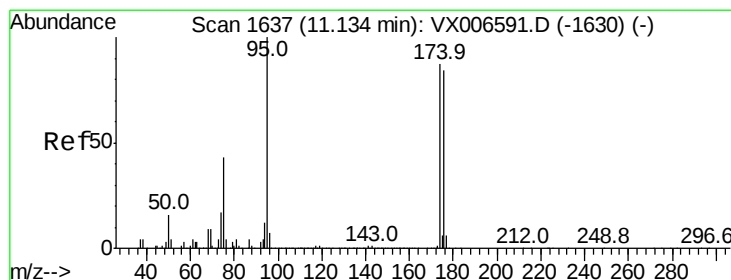
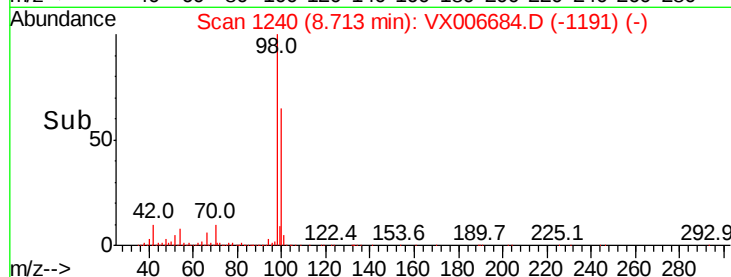
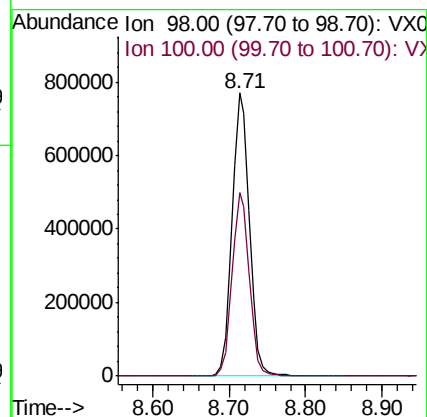
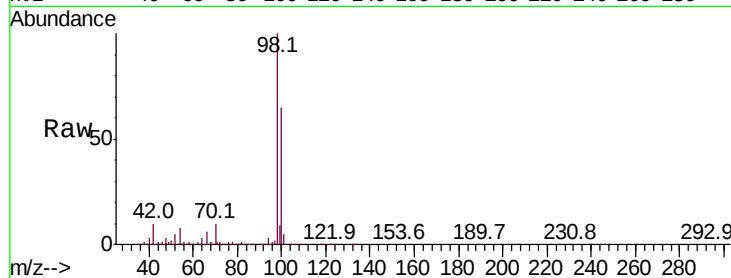
963-MW-01(23)

Tot Ion: 98 Resp: 1202847

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.045 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006684.D

Acq: 20 Dec 2018 18:54

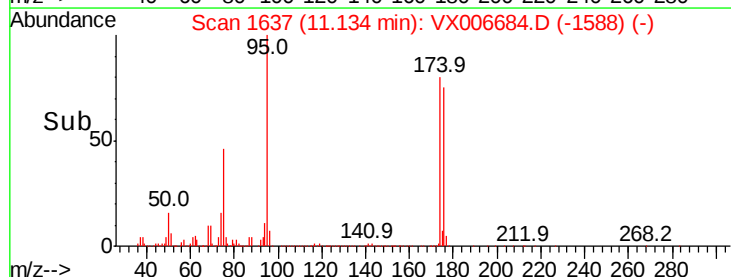
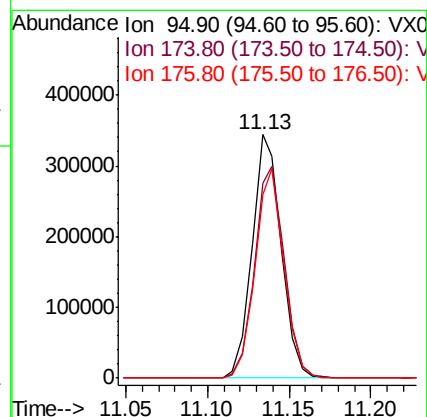
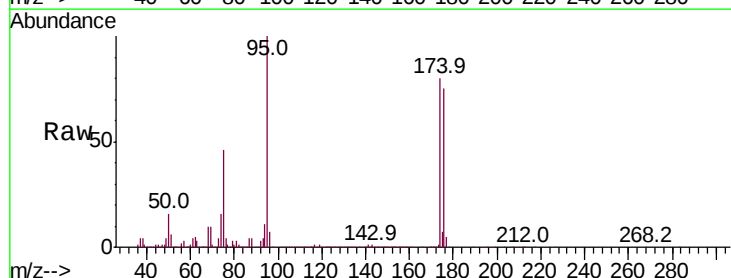
Tgt Ion: 95 Resp: 427420

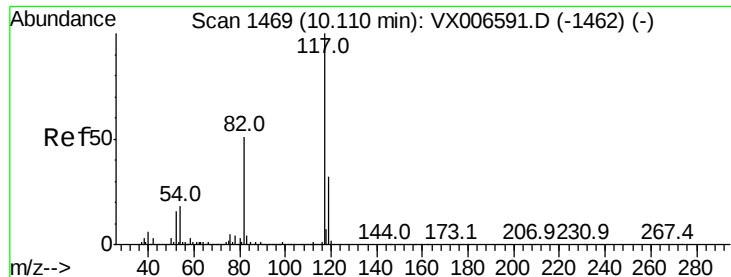
Ion Ratio Lower Upper

95 100

174 89.0 0.0 182.2

176 85.2 0.0 178.8

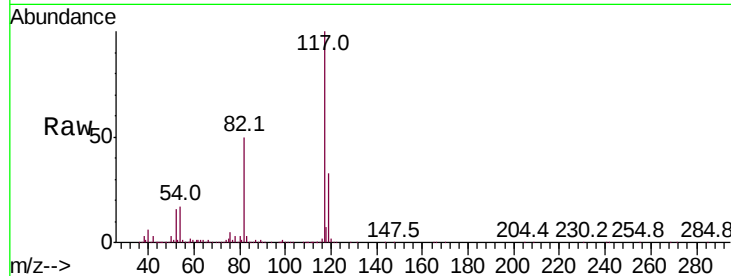




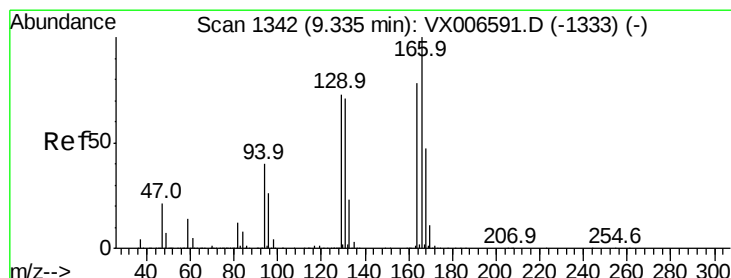
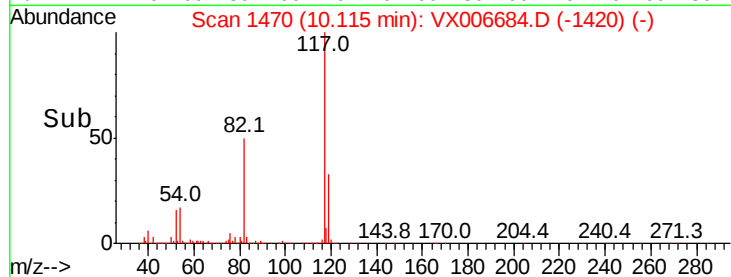
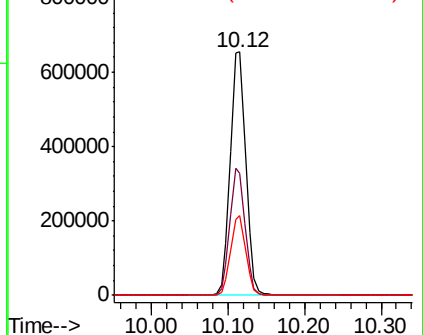
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006684.D
Acq: 20 Dec 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
963-MW-01(23)

Tot Ion:117 Resp: 926625
Ion Ratio Lower Upper
117 100
82 50.0 41.0 61.6
119 32.9 25.4 38.0



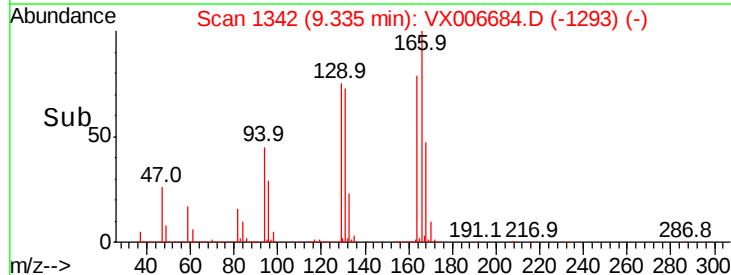
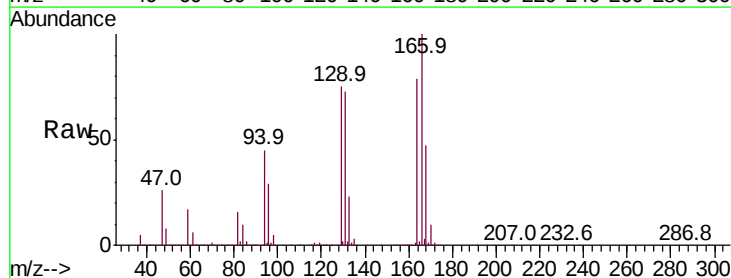
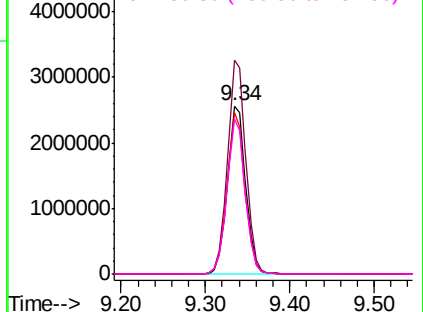
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

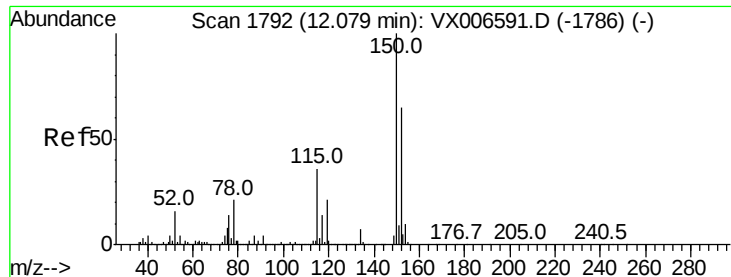


#64
Tetrachloroethene
Concen: 514.253 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006684.D
Acq: 20 Dec 2018 18:54

Tgt Ion:164 Resp: 3773313
Ion Ratio Lower Upper
164 100
166 127.3 102.5 153.7
129 95.9 75.1 112.7
131 92.6 72.7 109.1

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: VX006684.D

Acq: 20 Dec 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

963-MW-01(23)

Tot Ion:152 Resp: 444156

Ion Ratio Lower Upper

152 100

115 56.7 39.1 117.2

150 158.0 0.0 344.8

