

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008742.D
 Acq On : 08 Apr 2019 14:03
 Operator : JC/SP
 Sample : K2295-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-190404

Quant Time: Apr 09 07:07:43 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

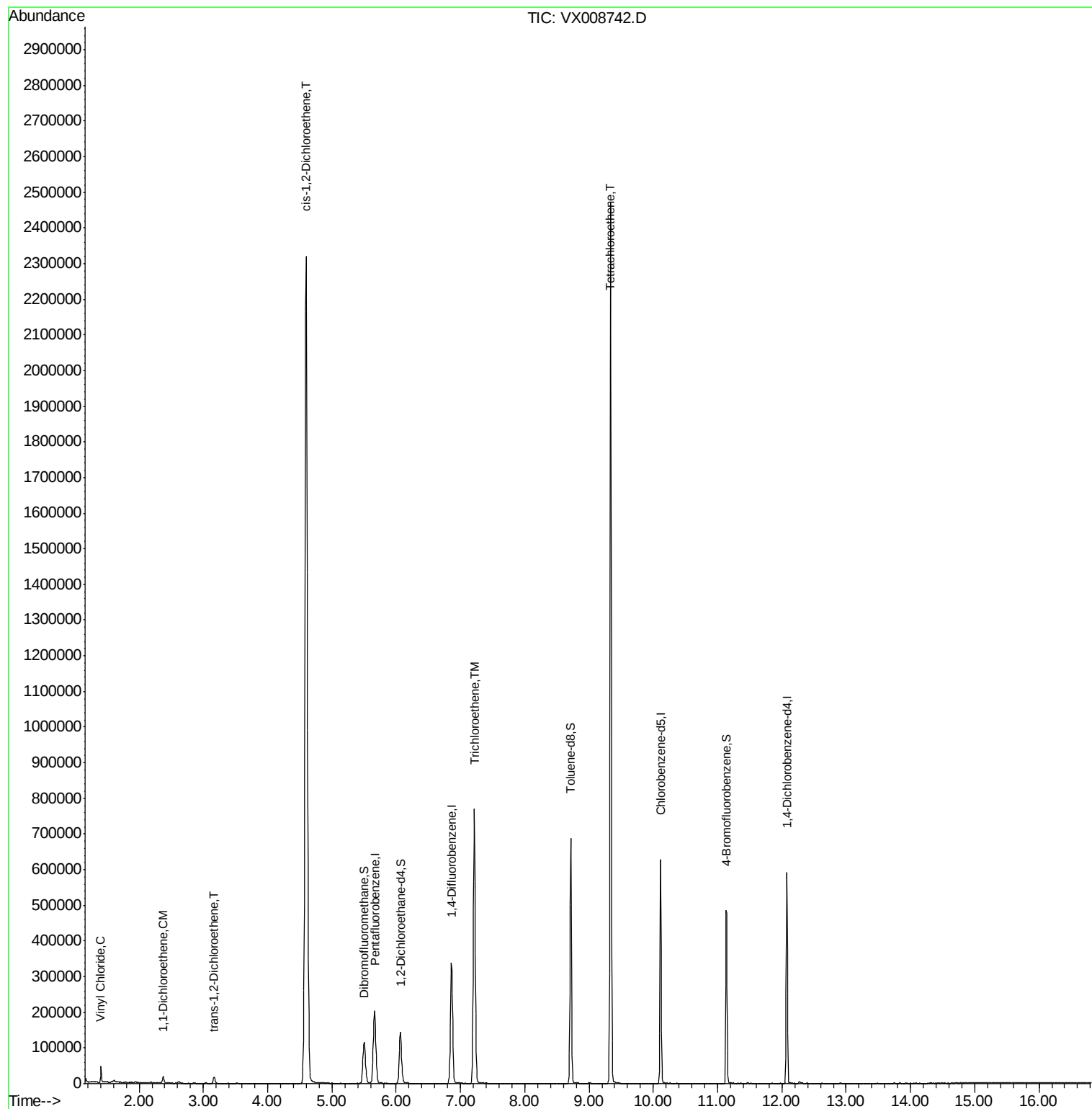
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135607	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	5.50	113	100044	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	8.71	98	406623	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	133379	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
Target Compounds						
4) Vinyl Chloride	1.40	62	28862	9.434	ug/l	98
12) 1,1-Dichloroethene	2.37	96	5525	2.431	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	6816	2.772	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	1427057	504.847	ug/l	89
44) Trichloroethene	7.21	130	288998	116.188	ug/l	99
64) Tetrachloroethene	9.34	164	464529	225.755	ug/l	100

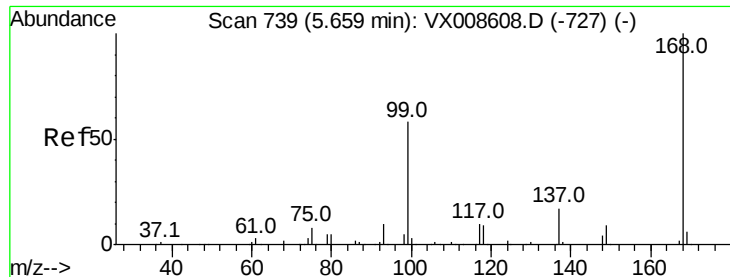
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008742.D

Acq: 08 Apr 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

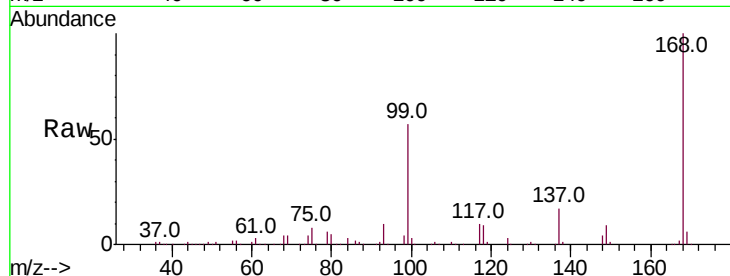
SS037MW311-190404

Tot Ion:168 Resp: 196610

Ion Ratio Lower Upper

168 100

99 57.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

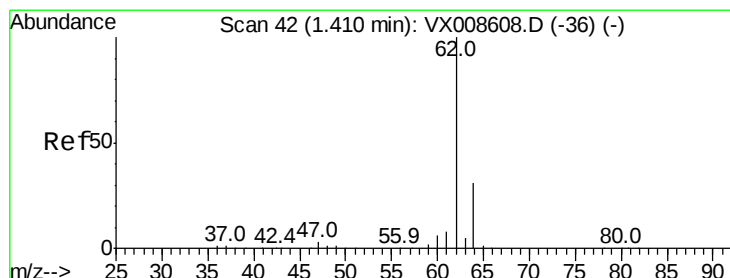
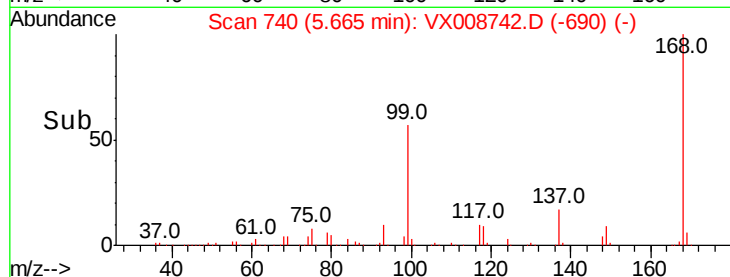
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 9.434 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008742.D

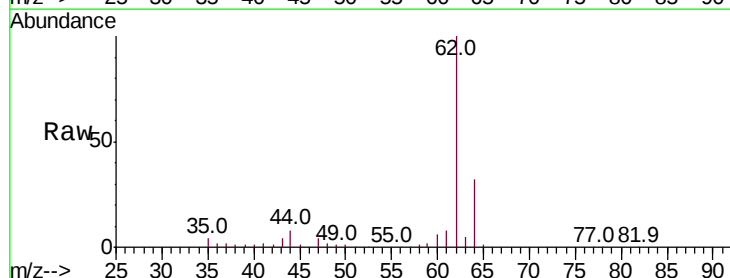
Acq: 08 Apr 2019 14:03

Tgt Ion: 62 Resp: 28862

Ion Ratio Lower Upper

62 100

64 32.2 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

30000

25000

20000

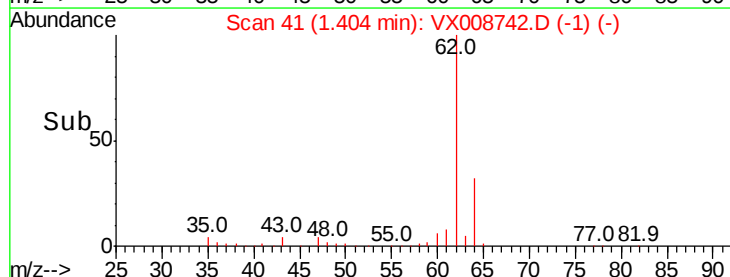
15000

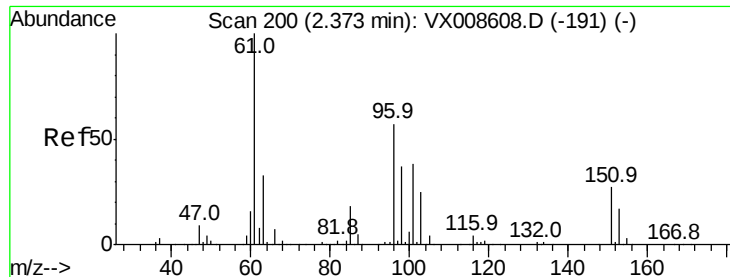
10000

5000

0

Time--> 1.35 1.40 1.45 1.50





#12

1,1-Dichloroethene

Concen: 2.431 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008742.D

Acq: 08 Apr 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-190404

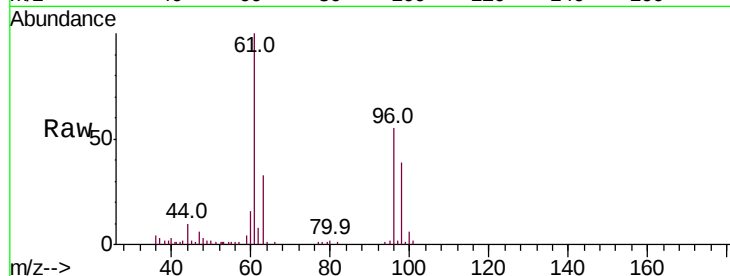
Tot Ion: 96 Resp: 5525

Ion Ratio Lower Upper

96 100

61 181.2 140.9 211.3

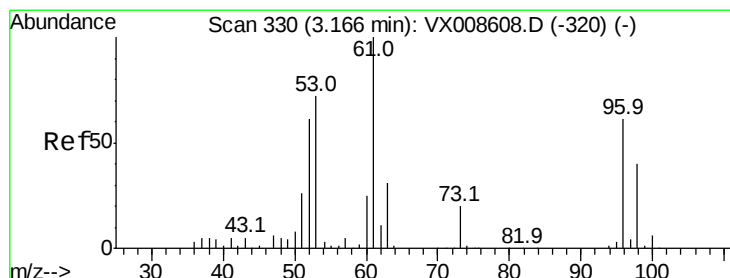
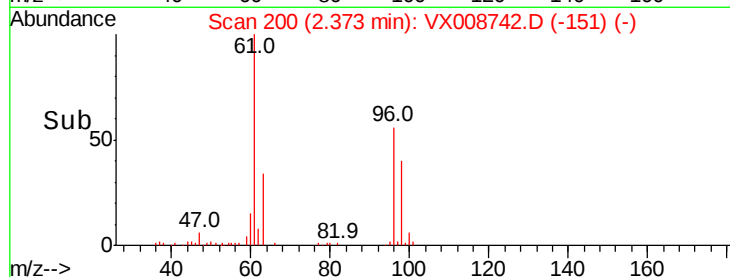
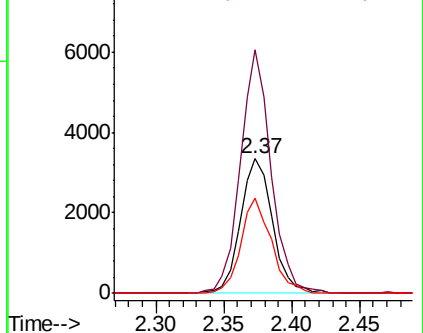
98 71.2 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 2.772 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008742.D

Acq: 08 Apr 2019 14:03

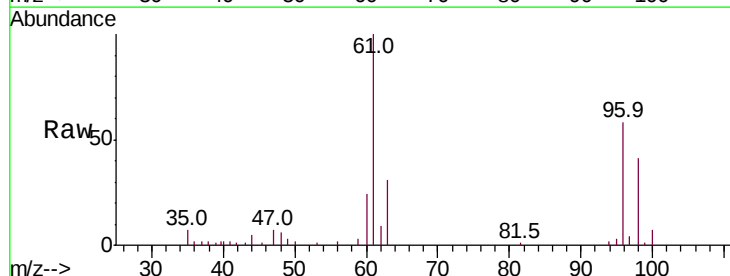
Tgt Ion: 96 Resp: 6816

Ion Ratio Lower Upper

96 100

61 172.3 132.1 198.1

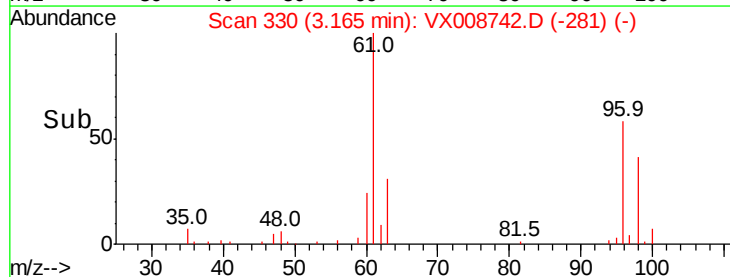
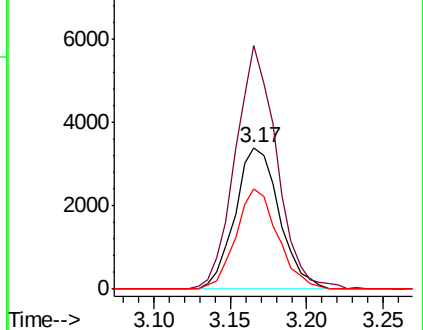
98 70.7 52.2 78.2

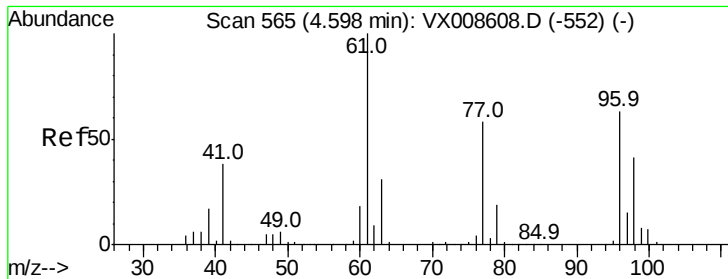


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





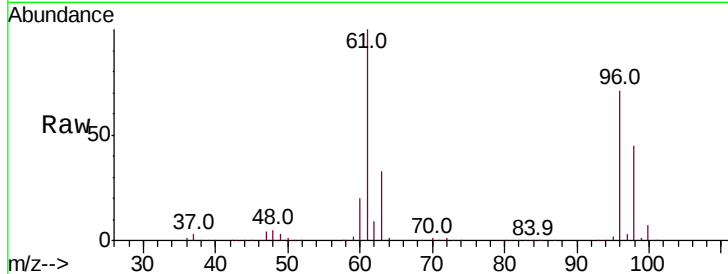
#27

cis-1,2-Dichloroethene
 Concen: 504.847 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008742.D
 Acq: 08 Apr 2019 14:03

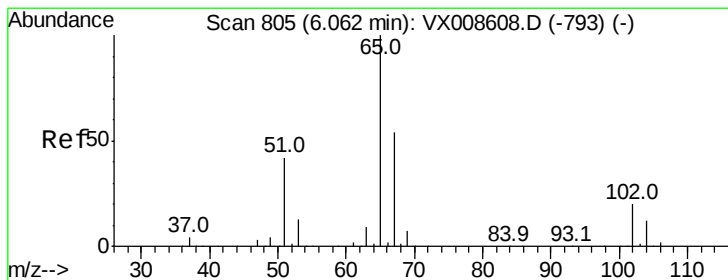
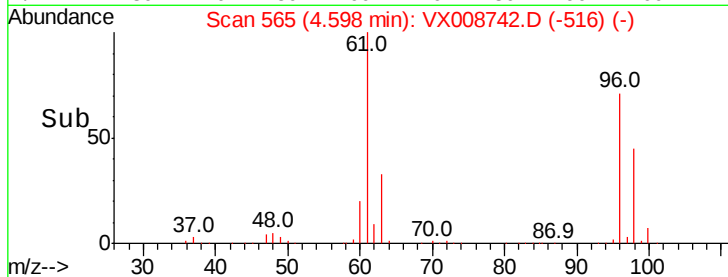
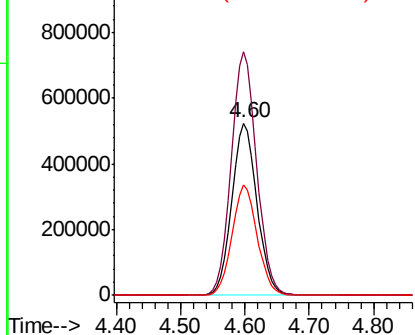
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-190404

Tot Ion: 96 Resp: 1427057

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	327.6
98	64.1	0.0	128.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

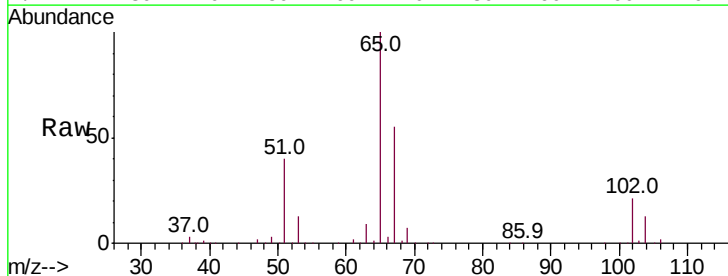


#33

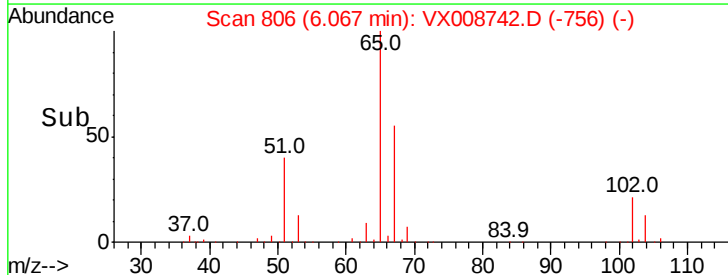
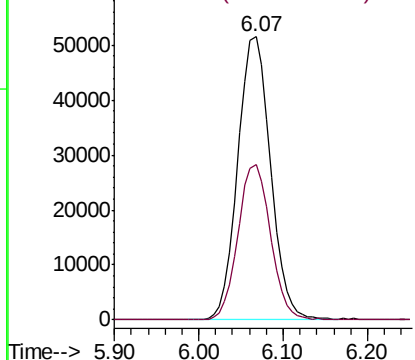
1,2-Dichloroethane-d4
 Concen: 47.288 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX008742.D
 Acq: 08 Apr 2019 14:03

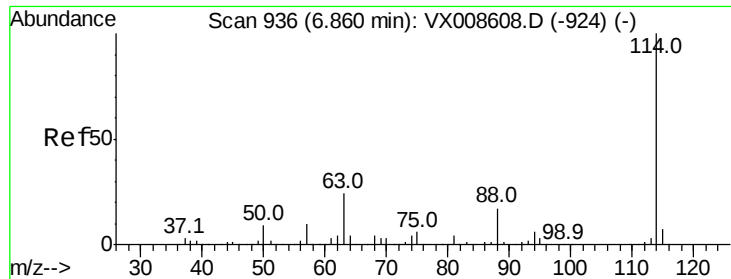
Tgt Ion: 65 Resp: 135607

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

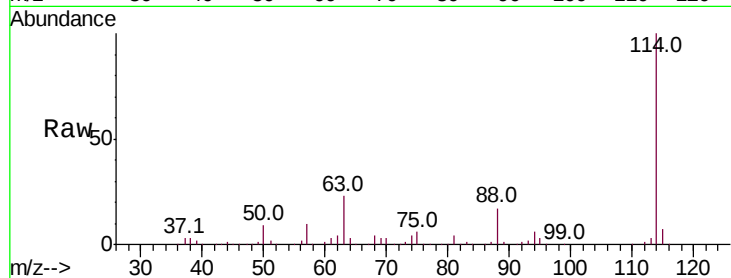




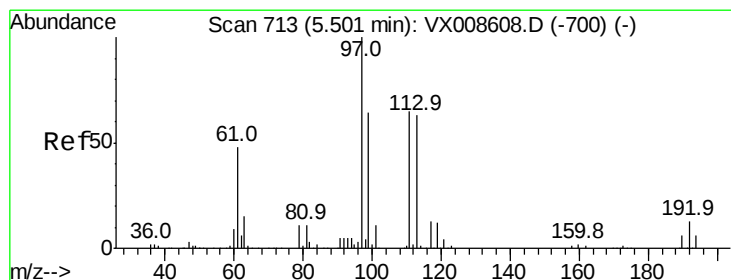
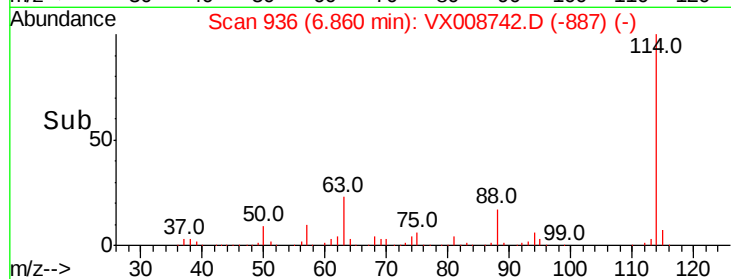
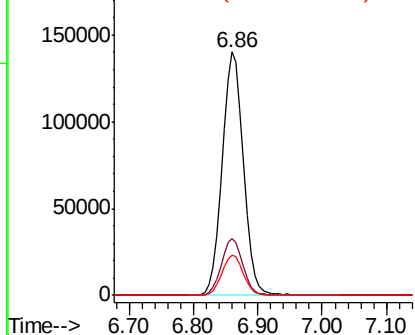
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008742.D
 Acq: 08 Apr 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-190404

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	47.2
88	16.7	0.0	34.0

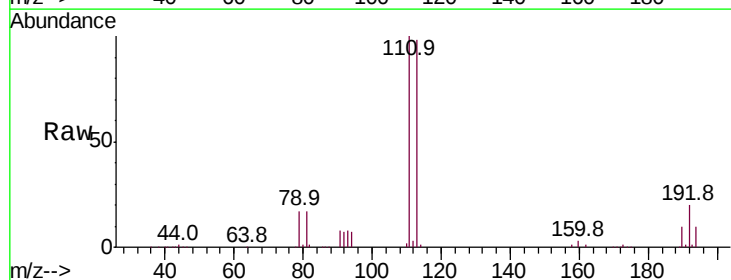


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

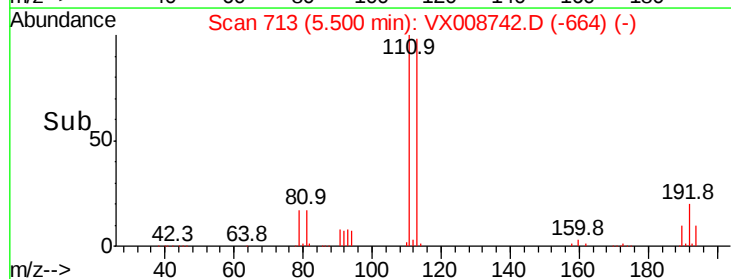
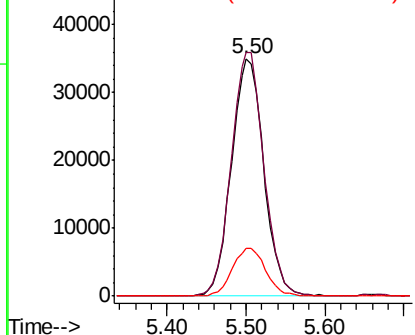


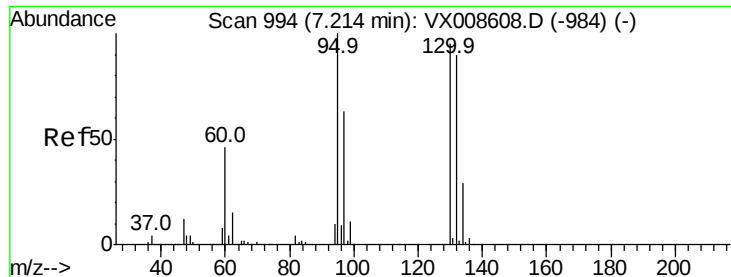
#35
 Dibromofluoromethane
 Concen: 47.713 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008742.D
 Acq: 08 Apr 2019 14:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	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: 116.188 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008742.D

Acq: 08 Apr 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

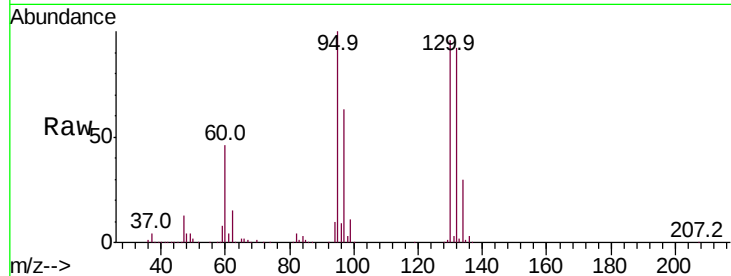
SS037MW311-190404

Tot Ion:130 Resp: 288998

Ion Ratio Lower Upper

130 100

95 104.3 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

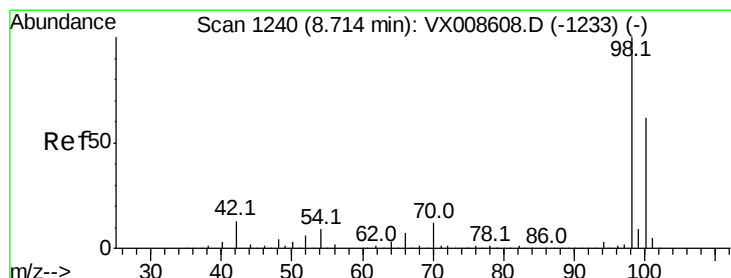
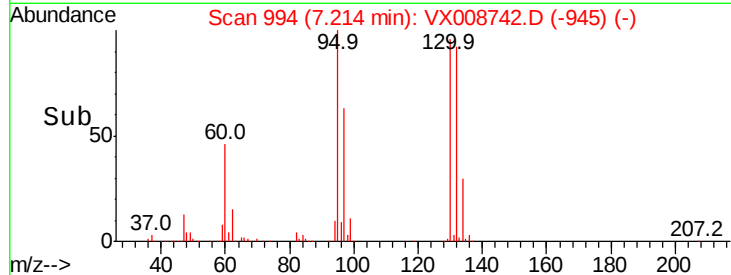
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 48.705 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008742.D

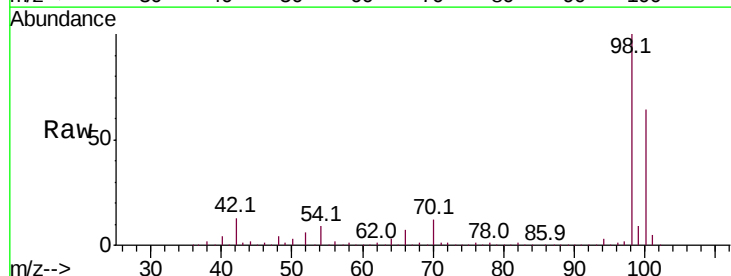
Acq: 08 Apr 2019 14:03

Tgt Ion: 98 Resp: 406623

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

250000

200000

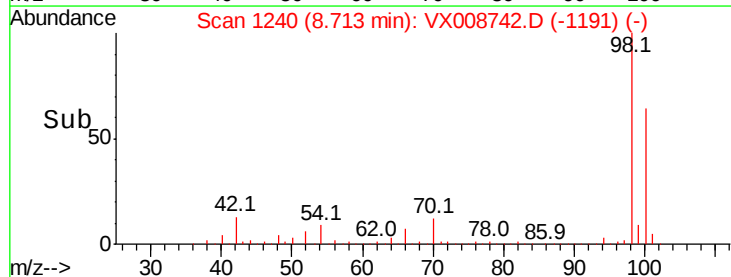
150000

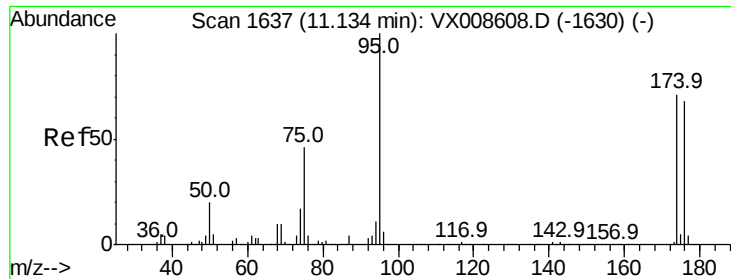
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.051 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008742.D

Acq: 08 Apr 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-190404

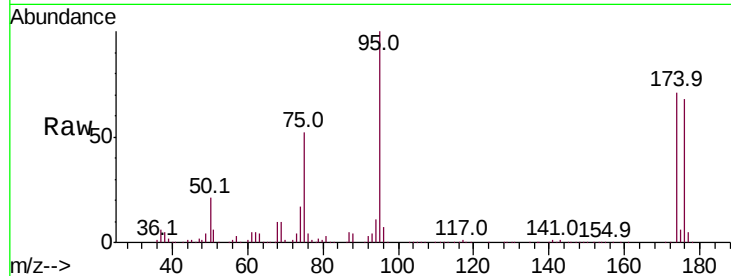
Tot Ion: 95 Resp: 133379

Ion Ratio Lower Upper

95 100

174 77.8 0.0 151.8

176 74.5 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008608.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008608.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008608.D (-1630) (-)

11.13

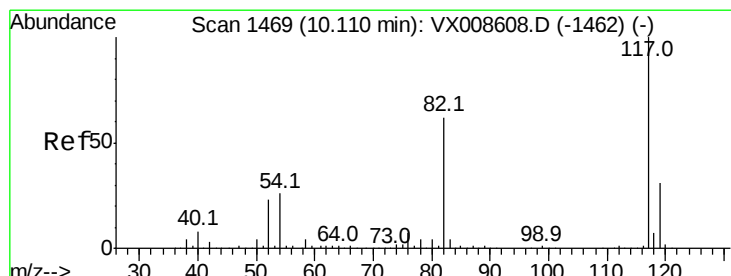
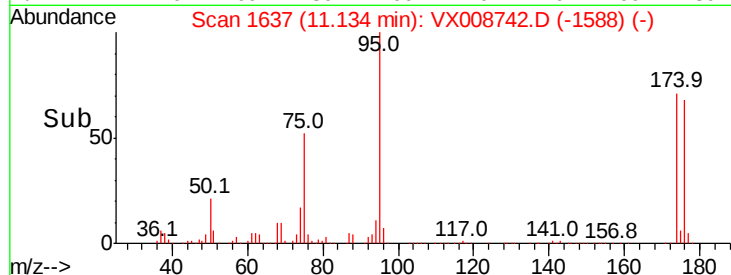
100000

50000

0

Time-->

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008742.D

Acq: 08 Apr 2019 14:03

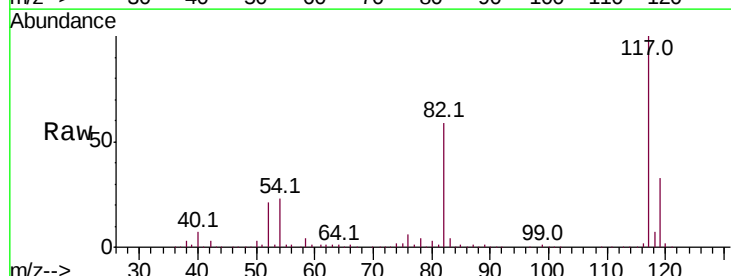
Tgt Ion: 117 Resp: 277727

Ion Ratio Lower Upper

117 100

82 58.6 49.6 74.4

119 32.5 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): VX008608.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008608.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008608.D (-1462) (-)

10.12

250000

200000

150000

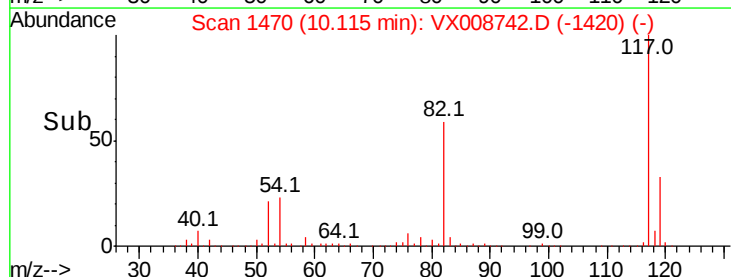
100000

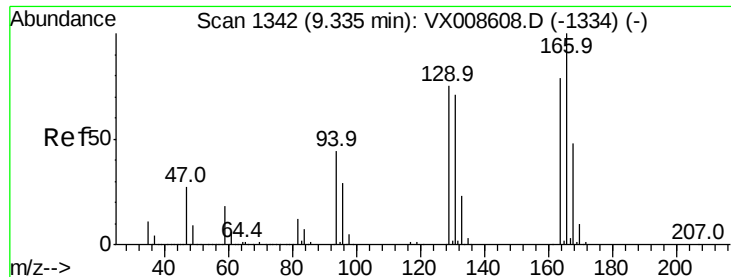
50000

0

Time-->

10.00 10.10 10.20 10.30





#64

Tetrachloroethene

Concen: 225.755 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008742.D

Acq: 08 Apr 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-190404

Tot Ion:164 Resp: 464529

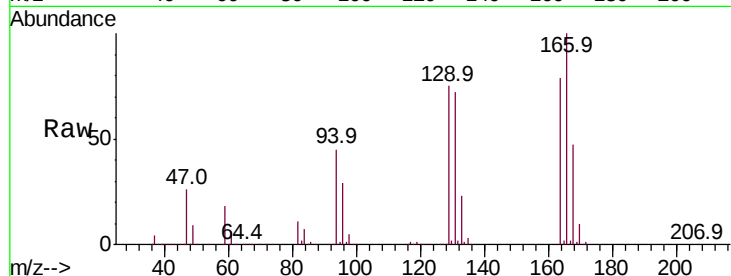
Ion Ratio Lower Upper

164 100

166 126.1 101.0 151.6

129 94.4 75.8 113.8

131 90.7 71.8 107.8



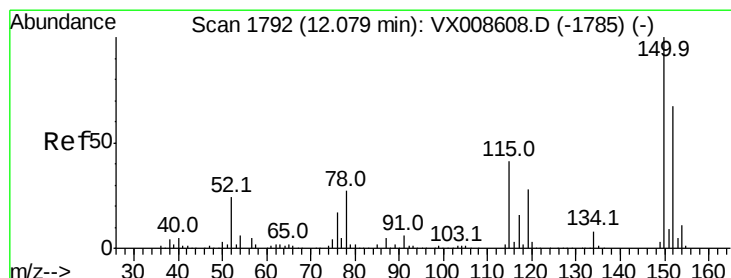
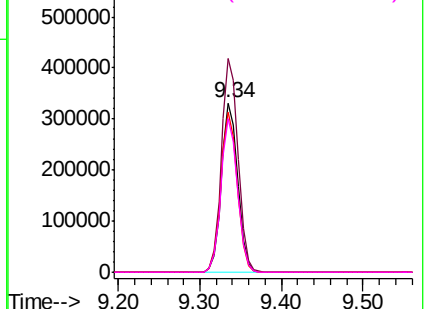
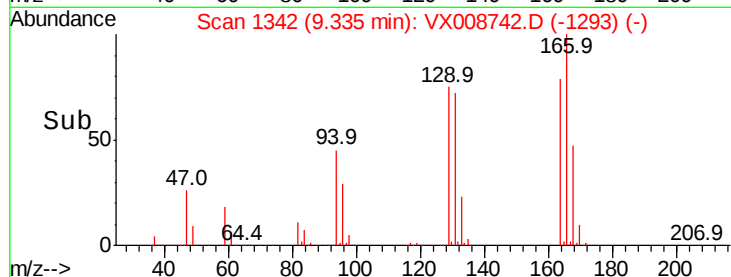
Abundance

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: VX008742.D

Acq: 08 Apr 2019 14:03

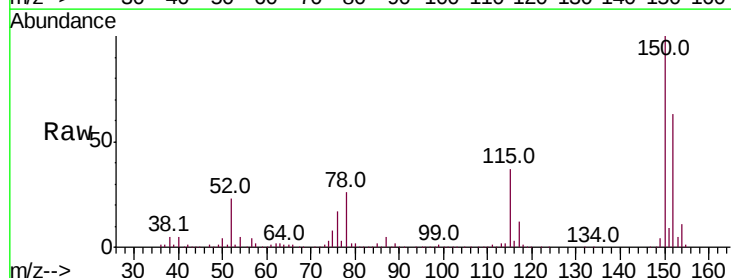
Tgt Ion:152 Resp: 115983

Ion Ratio Lower Upper

152 100

115 59.9 43.5 130.5

150 157.3 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

