

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008730.D
 Acq On : 06 Apr 2019 18:58
 Operator : JC/SP
 Sample : K2295-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW307-190403

Quant Time: Apr 08 04:30:19 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

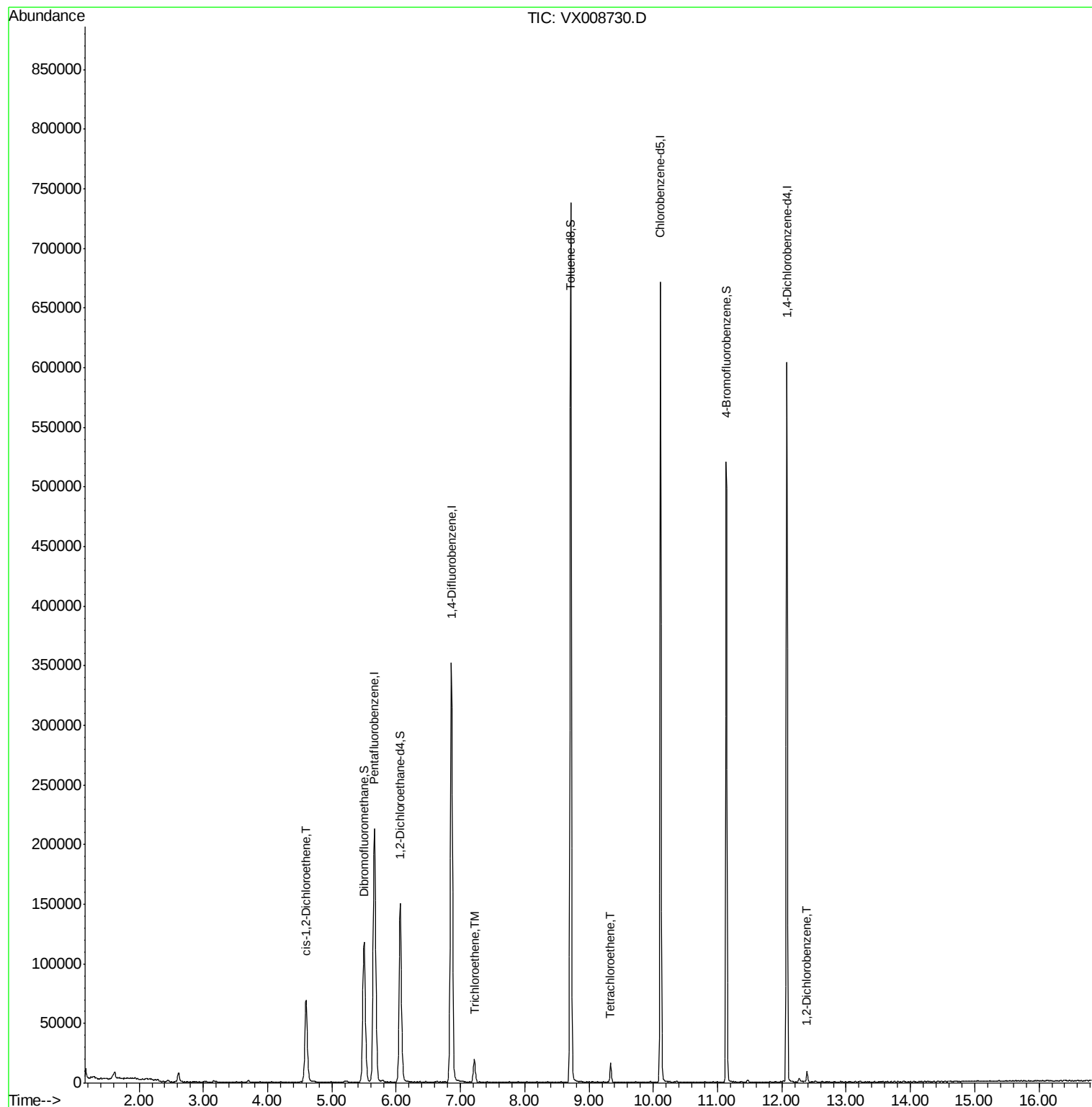
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140475	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	5.50	113	102877	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
50) Toluene-d8	8.71	98	428874	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.13	95	138889	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	43205	14.634	ug/l	89
44) Trichloroethene	7.21	130	6954	2.687	ug/l	93
64) Tetrachloroethene	9.34	164	3139	1.450	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	2772	0.654	ug/l	98

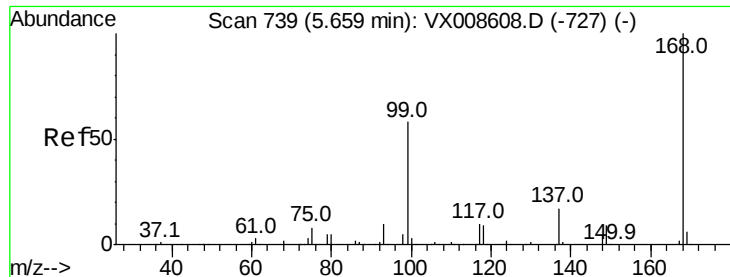
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008730.D

Acq: 06 Apr 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

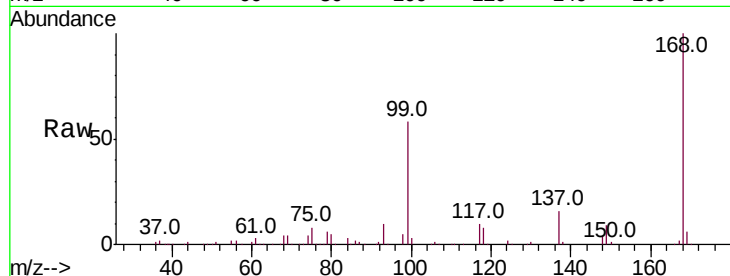
SS037MW307-190403

Tot Ion:168 Resp: 205350

Ion Ratio Lower Upper

168 100

99 57.8 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

80000

60000

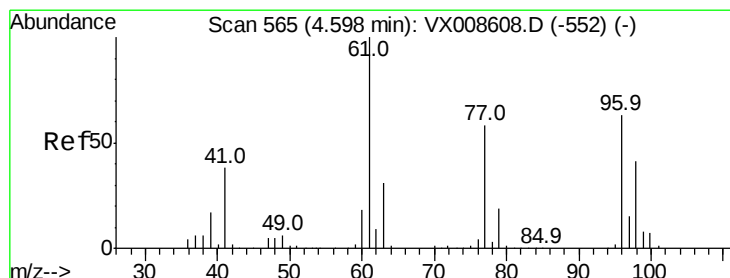
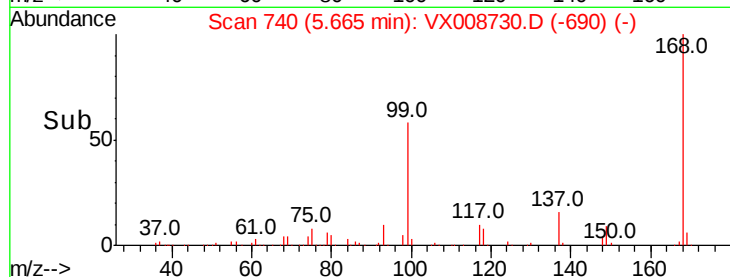
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#27

cis-1,2-Dichloroethene

Concen: 14.634 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008730.D

Acq: 06 Apr 2019 18:58

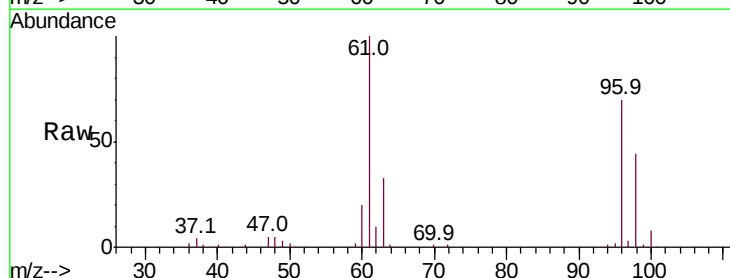
Tgt Ion: 96 Resp: 43205

Ion Ratio Lower Upper

96 100

61 143.2 0.0 327.6

98 63.4 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

30000

25000

20000

15000

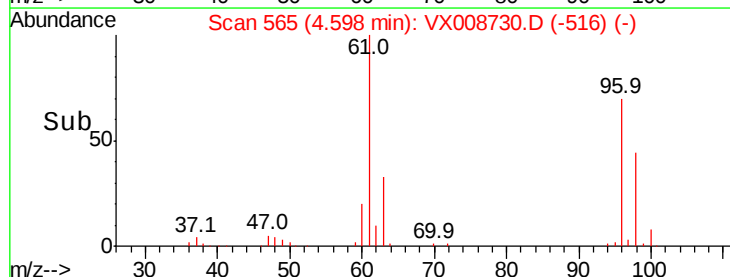
10000

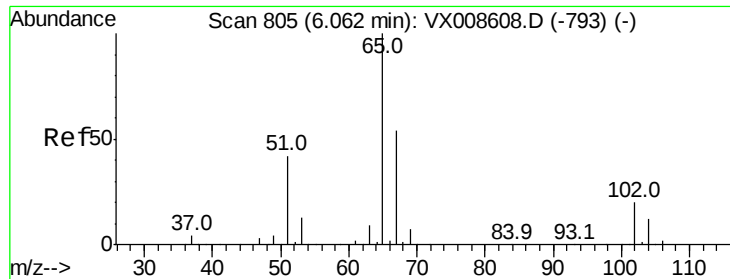
5000

0

4.50 4.60 4.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.901 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008730.D

Acq: 06 Apr 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

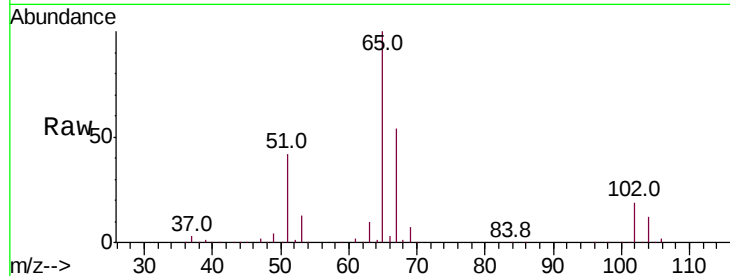
SS037MW307-190403

Tot Ion: 65 Resp: 140475

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

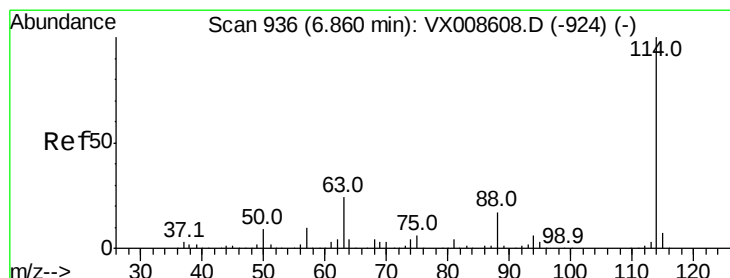
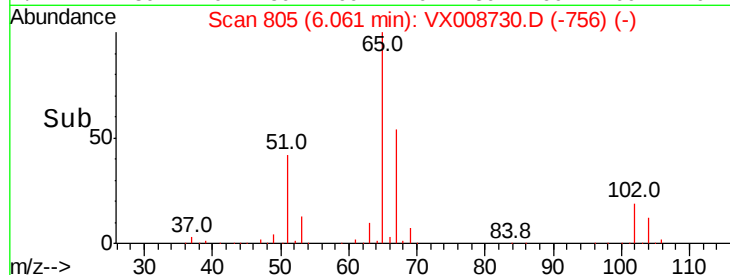
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008730.D

Acq: 06 Apr 2019 18:58

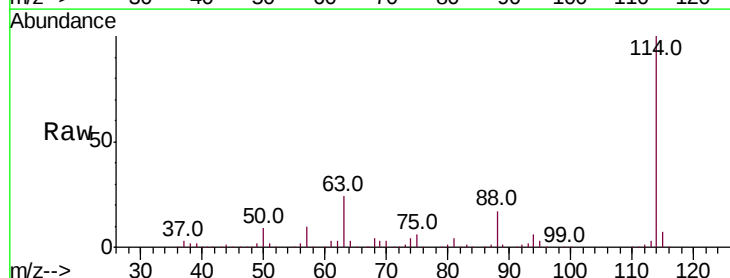
Tgt Ion:114 Resp: 341173

Ion Ratio Lower Upper

114 100

63 23.8 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

200000

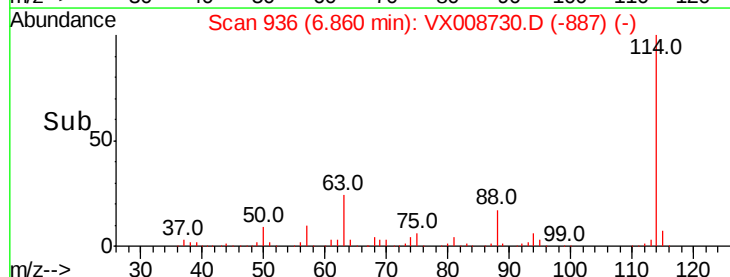
150000

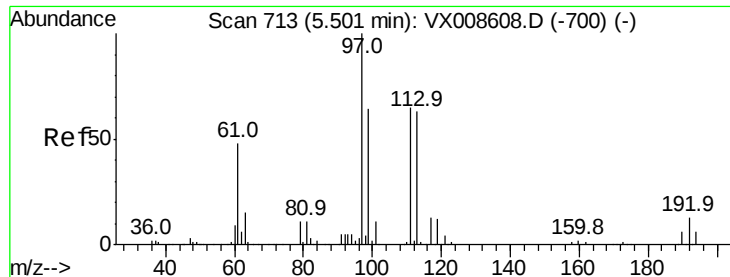
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.162 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008730.D

Acq: 06 Apr 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

SS037MW307-190403

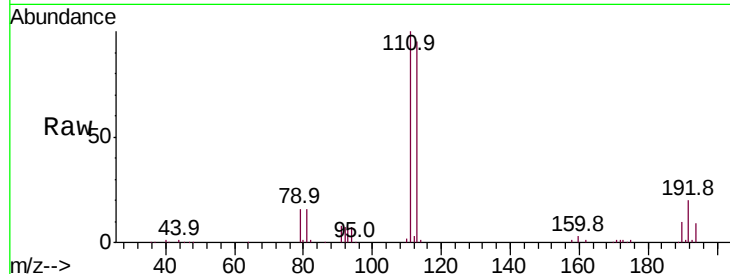
Tot Ion:113 Resp: 102877

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

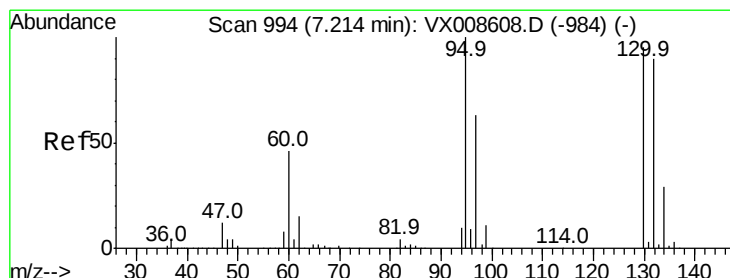
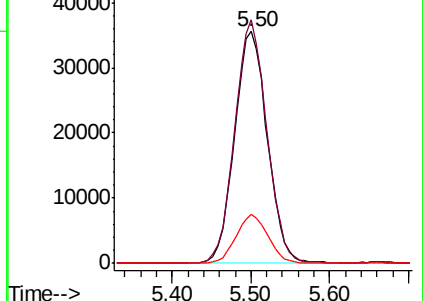
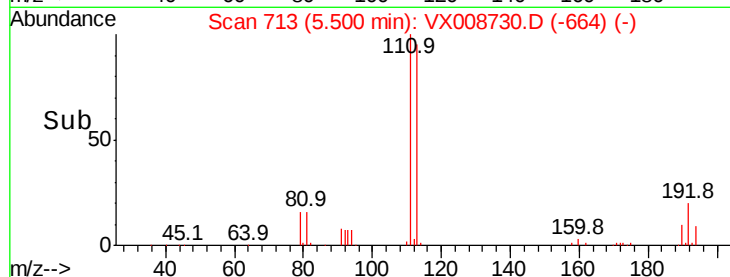
192 20.4 16.1 24.1



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: 2.687 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008730.D

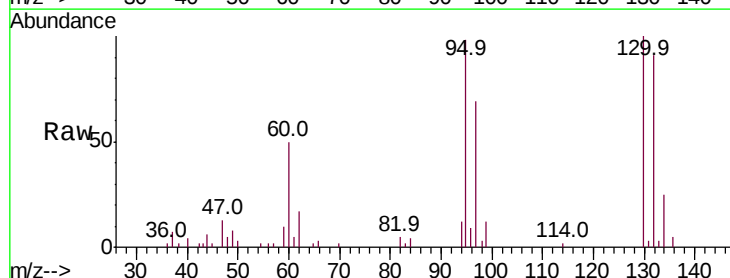
Acq: 06 Apr 2019 18:58

Tgt Ion:130 Resp: 6954

Ion Ratio Lower Upper

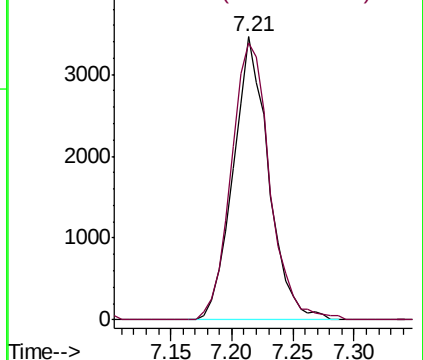
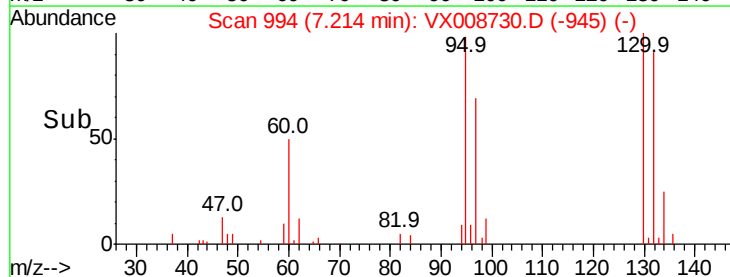
130 100

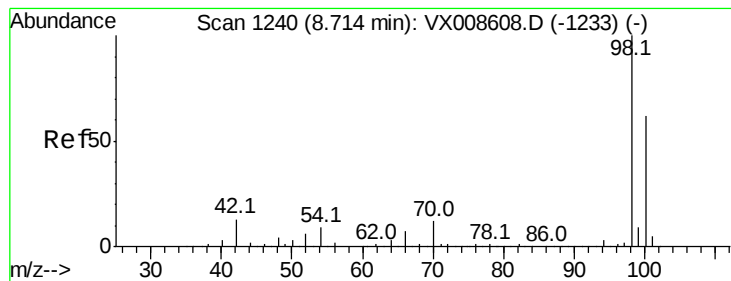
95 97.7 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.378 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008730.D

Acq: 06 Apr 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

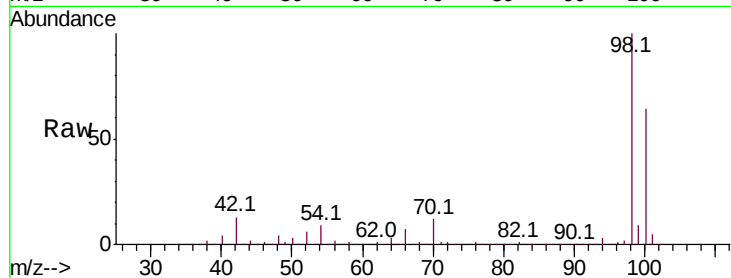
SS037MW307-190403

Tot Ion: 98 Resp: 428874

Ion Ratio Lower Upper

98 100

100 64.0 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

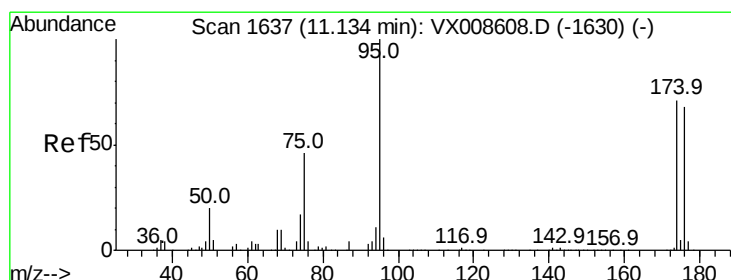
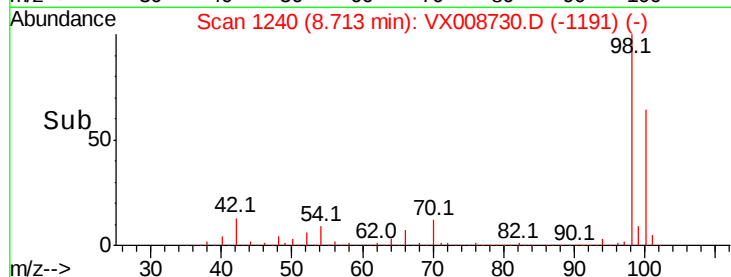
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.094 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008730.D

Acq: 06 Apr 2019 18:58

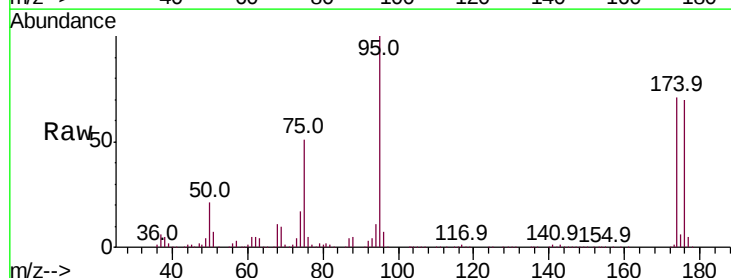
Tgt Ion: 95 Resp: 138889

Ion Ratio Lower Upper

95 100

174 77.3 0.0 151.8

176 75.4 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

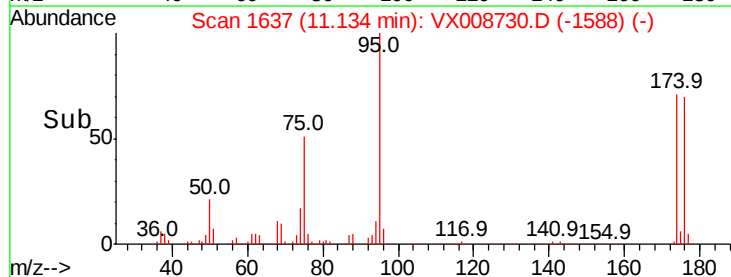
150000

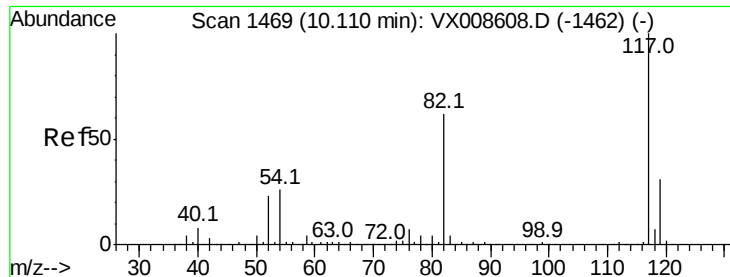
100000

50000

0

Time-->

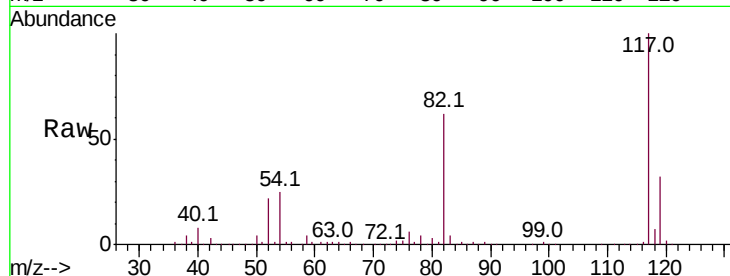




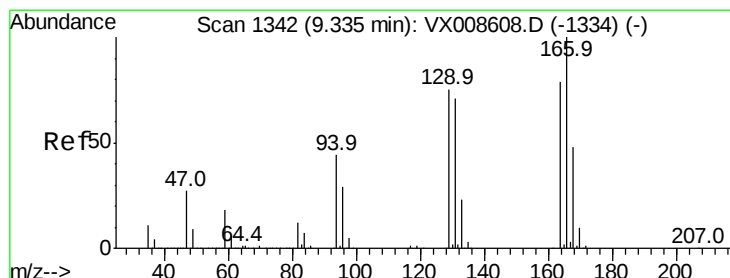
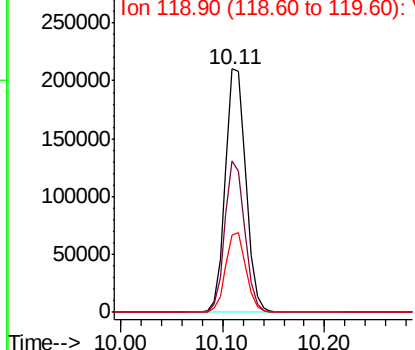
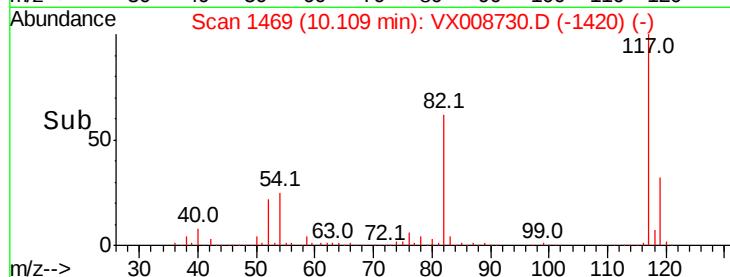
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008730.D
Acq: 06 Apr 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
SS037MW307-190403

Tot Ion:117 Resp: 292153
Ion Ratio Lower Upper
117 100
82 62.4 49.6 74.4
119 31.7 25.0 37.4

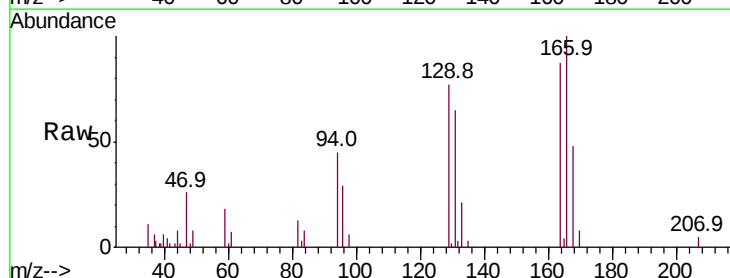


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

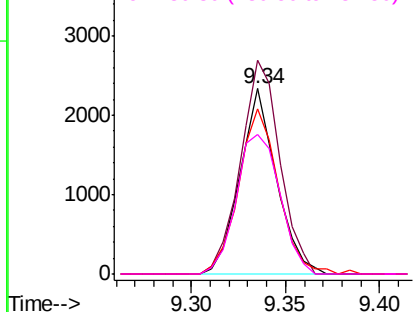
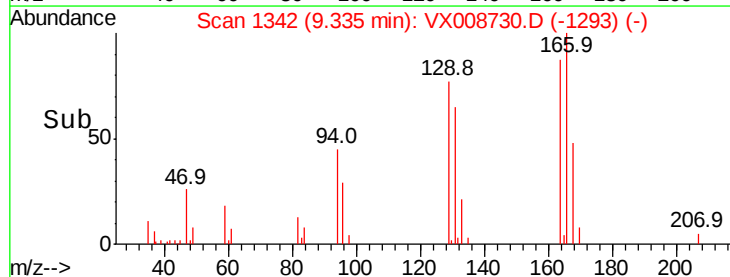


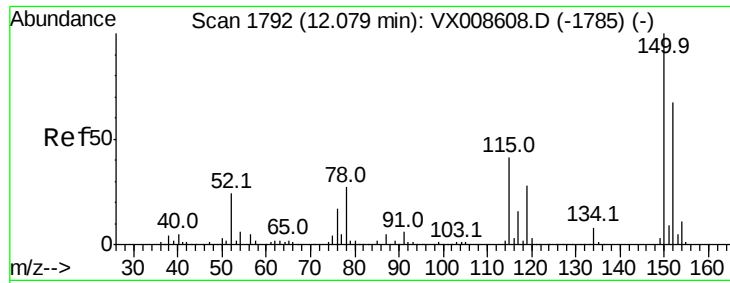
#64
Tetrachloroethene
Concen: 1.450 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008730.D
Acq: 06 Apr 2019 18:58

Tgt Ion:164 Resp: 3139
Ion Ratio Lower Upper
164 100
166 115.5 101.0 151.6
129 89.4 75.8 113.8
131 75.2 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: VX008730.D

Acq: 06 Apr 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

SS037MW307-190403

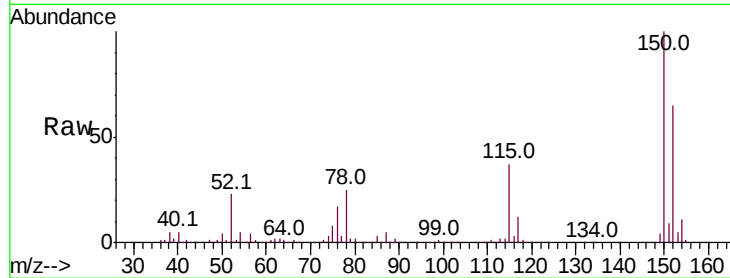
Tot Ion:152 Resp: 119641

Ion Ratio Lower Upper

152 100

115 59.4 43.5 130.5

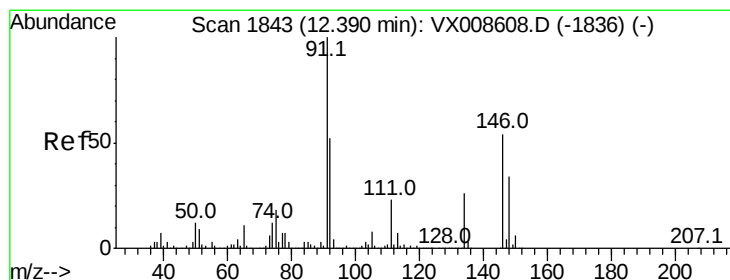
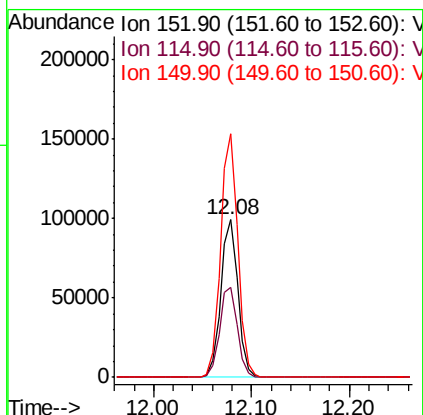
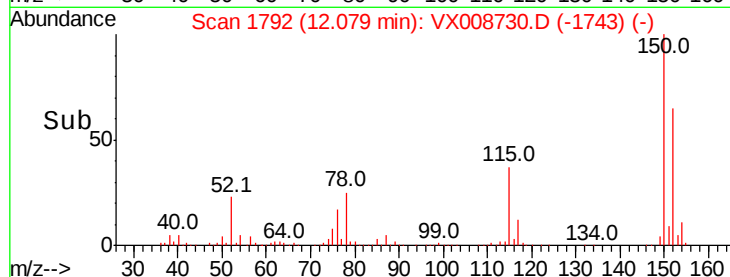
150 155.6 0.0 348.8



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



#91

1,2-Dichlorobenzene

Concen: 0.654 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008730.D

Acq: 06 Apr 2019 18:58

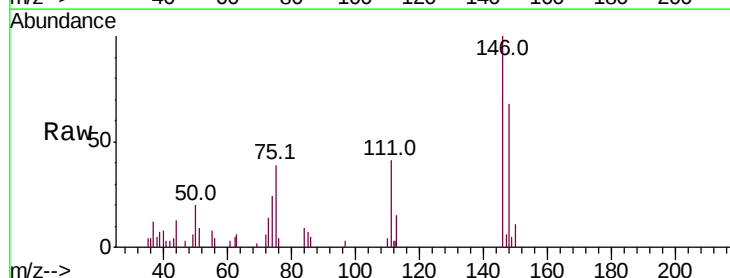
Tgt Ion:146 Resp: 2772

Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.9

148 66.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

