

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006629.D
 Acq On : 19 Dec 2018 06:05
 Operator : JC/MD
 Sample : J6449-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17A_R1

Quant Time: Dec 19 07:43:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

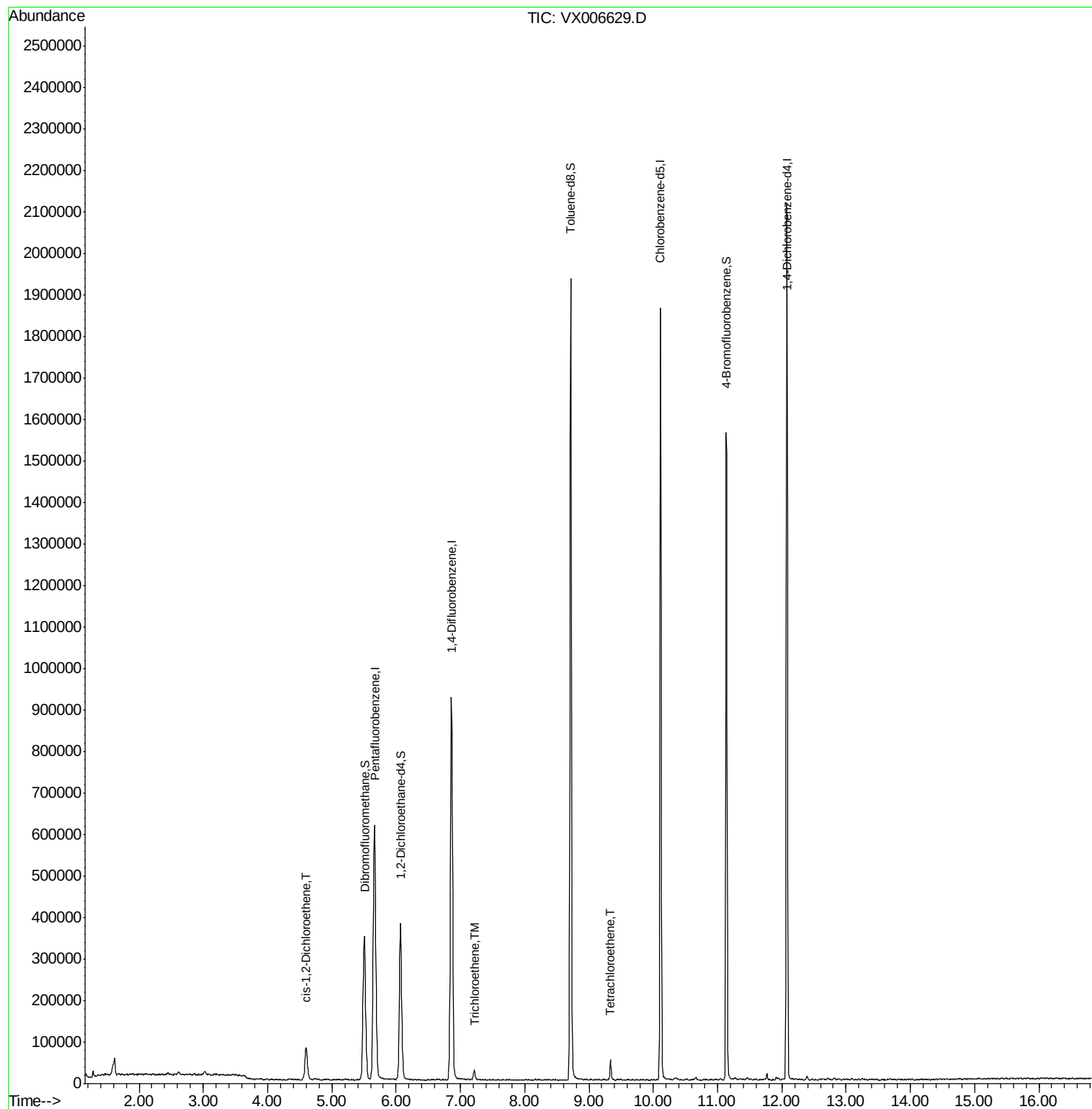
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	623359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	998192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	922223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	443642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	353374	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	5.50	113	296723	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	8.71	98	1194375	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	439877	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	54633	8.024	ug/l	89
44) Trichloroethene	7.22	130	8952	1.177	ug/l	86
64) Tetrachloroethene	9.34	164	9289	1.272	ug/l	94

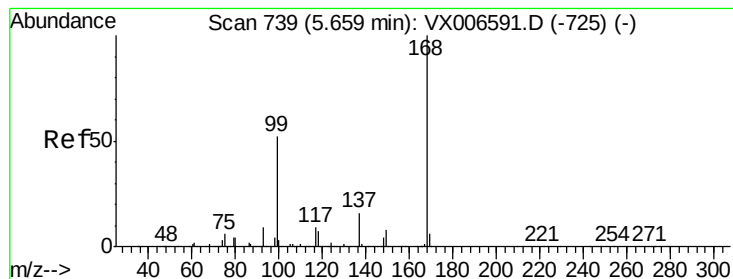
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006629.D

Acq: 19 Dec 2018 06:05

Instrument :

MSVOA_X

ClientSampleId :

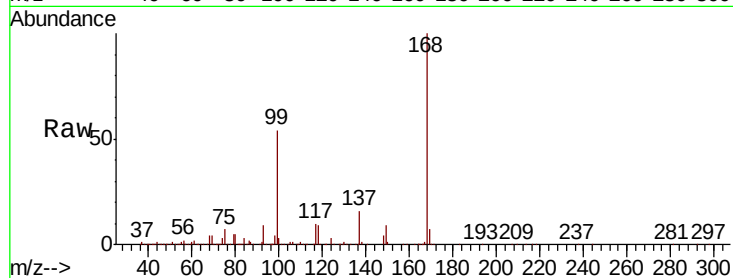
MW-17A_R1

Tot Ion:168 Resp: 623359

Ion Ratio Lower Upper

168 100

99 53.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

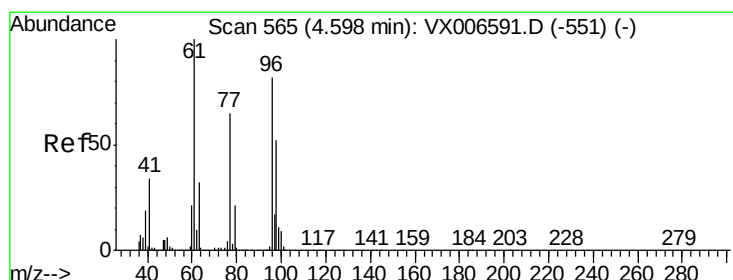
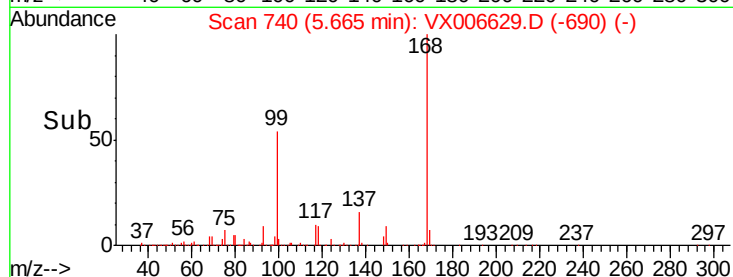
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 8.024 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006629.D

Acq: 19 Dec 2018 06:05

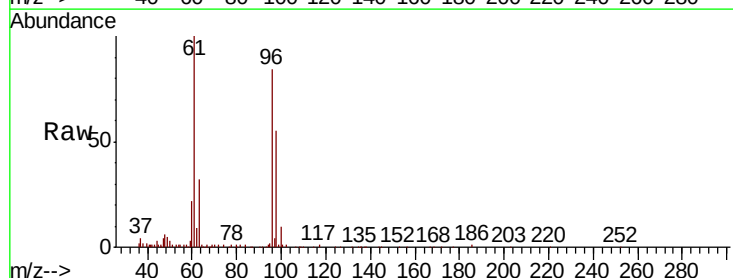
Tgt Ion: 96 Resp: 54633

Ion Ratio Lower Upper

96 100

61 112.8 0.0 265.0

98 64.5 0.0 130.2



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

30000

25000

20000

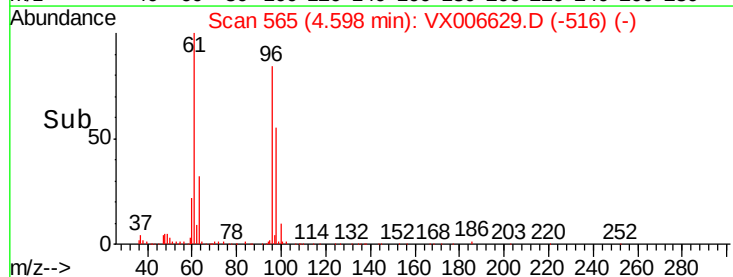
15000

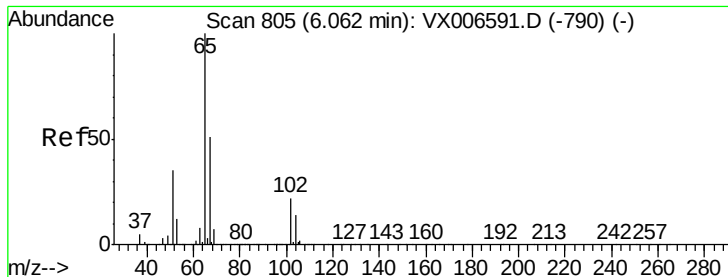
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.599 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006629.D

Acq: 19 Dec 2018 06:05

Instrument :

MSVOA_X

ClientSampleId :

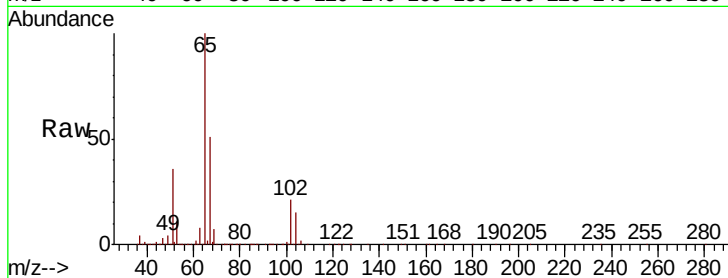
MW-17A_R1

Tot Ion: 65 Resp: 353374

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

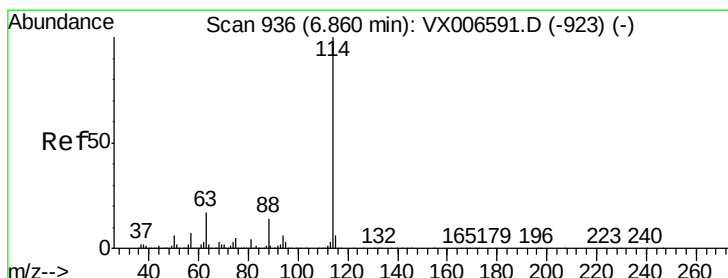
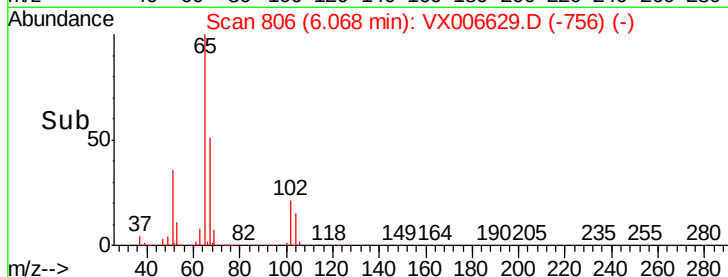
150000

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: VX006629.D

Acq: 19 Dec 2018 06:05

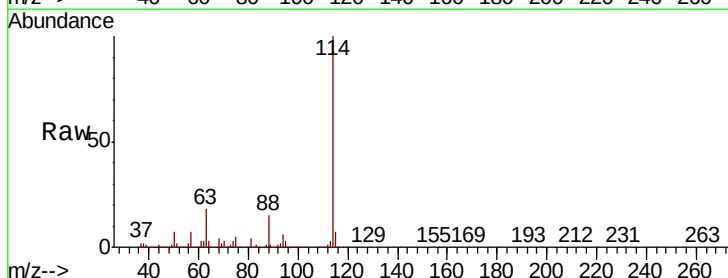
Tgt Ion: 114 Resp: 998192

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 15.2 0.0 29.0



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

6.86

500000

400000

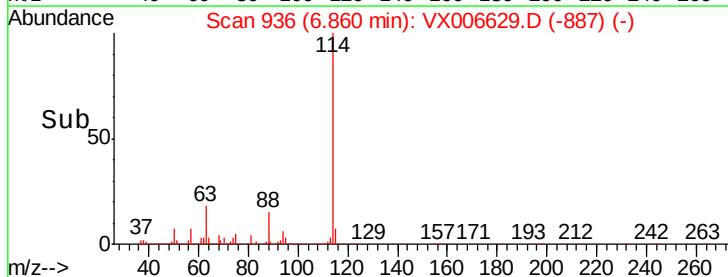
300000

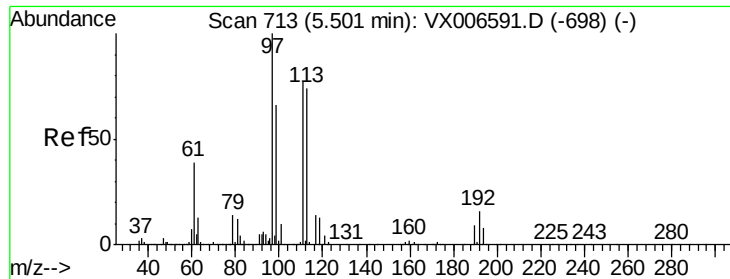
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.007 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006629.D

Acq: 19 Dec 2018 06:05

Instrument :

MSVOA_X

ClientSampleId :

MW-17A_R1

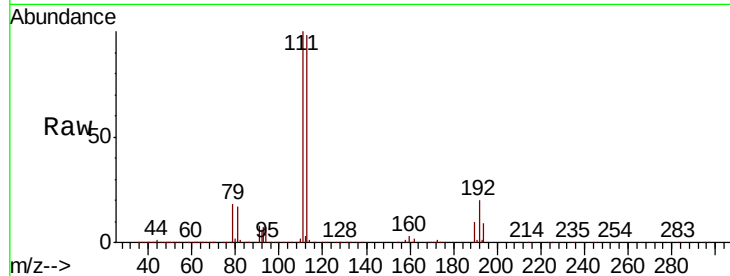
Tot Ion:113 Resp: 296723

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

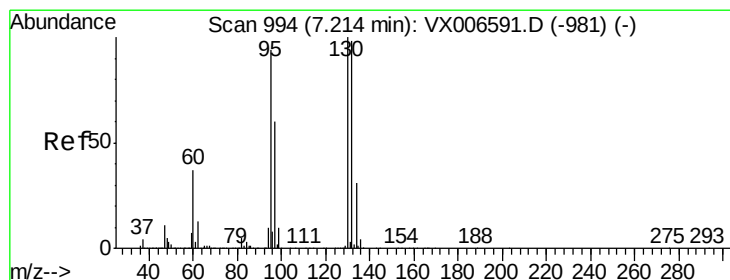
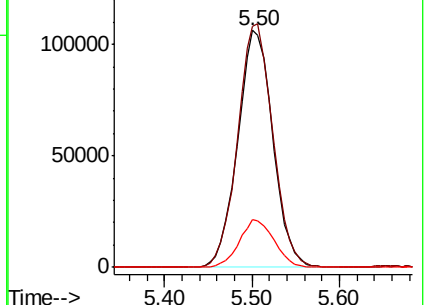
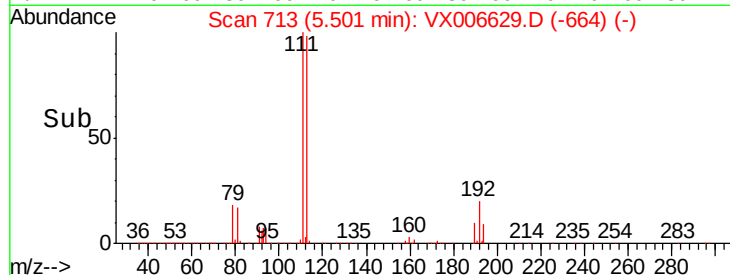
192 20.0 18.2 27.2



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: 1.177 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006629.D

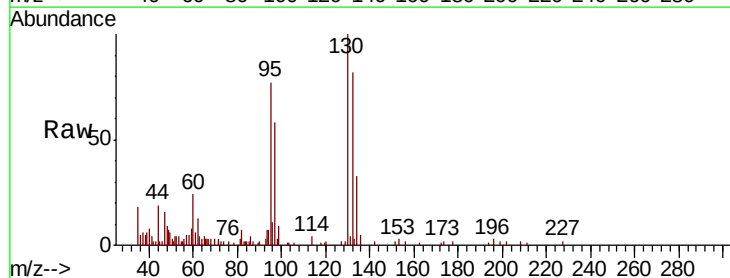
Acq: 19 Dec 2018 06:05

Tgt Ion:130 Resp: 8952

Ion Ratio Lower Upper

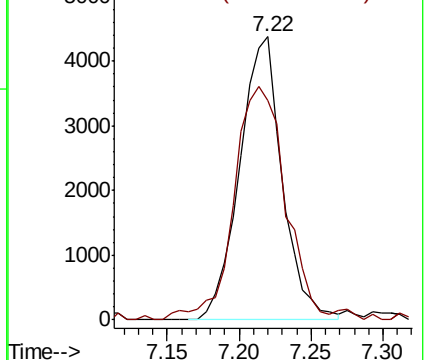
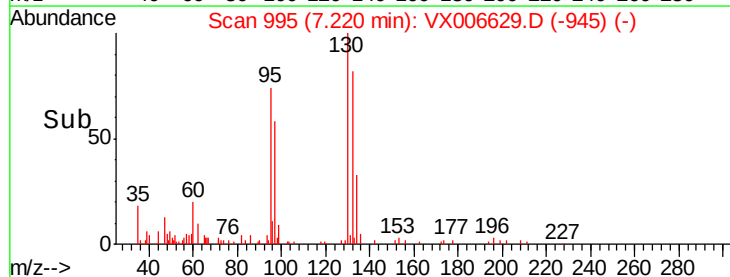
130 100

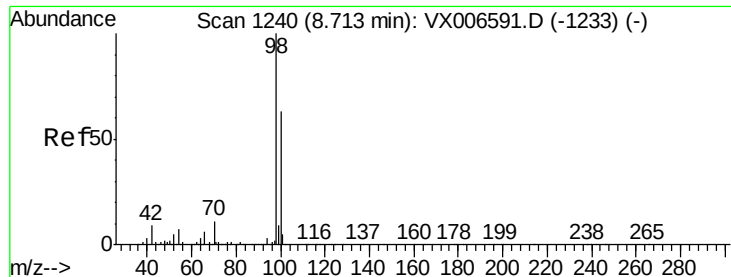
95 74.6 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.188 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006629.D

Acq: 19 Dec 2018 06:05

Instrument :

MSVOA_X

ClientSampleId :

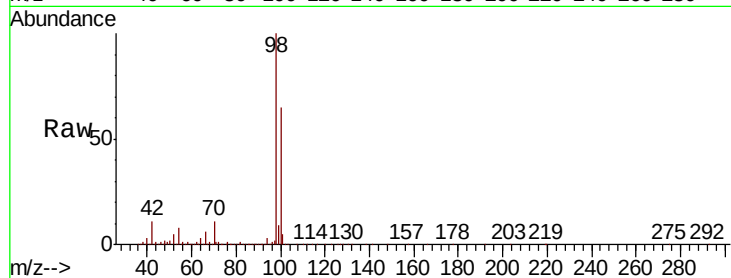
MW-17A_R1

Tot Ion: 98 Resp: 1194375

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

600000

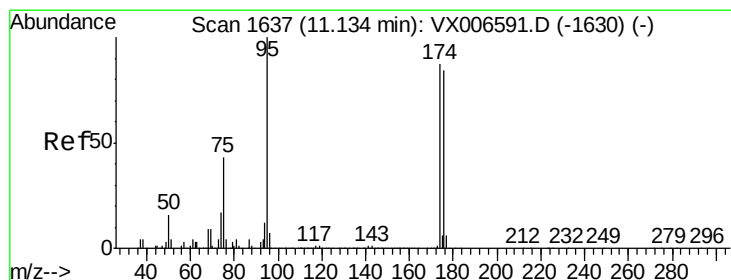
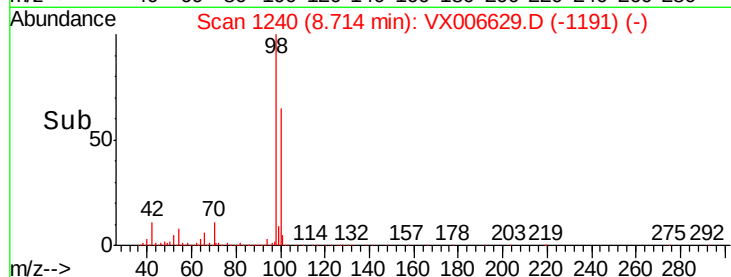
400000

200000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 50.469 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006629.D

Acq: 19 Dec 2018 06:05

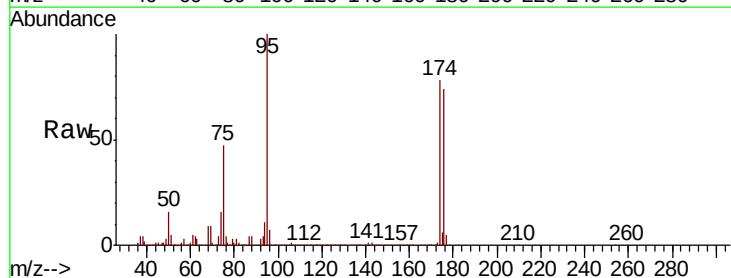
Tgt Ion: 95 Resp: 439877

Ion Ratio Lower Upper

95 100

174 83.6 0.0 187.0

176 80.5 0.0 181.8



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

11.13

400000

300000

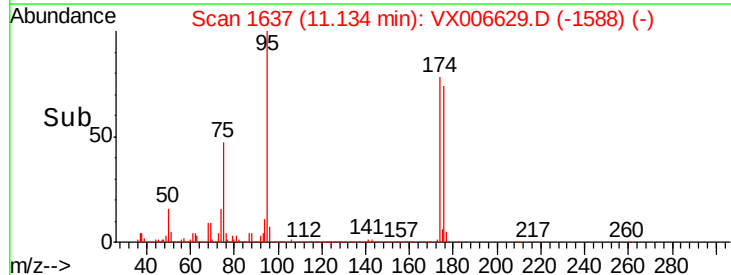
200000

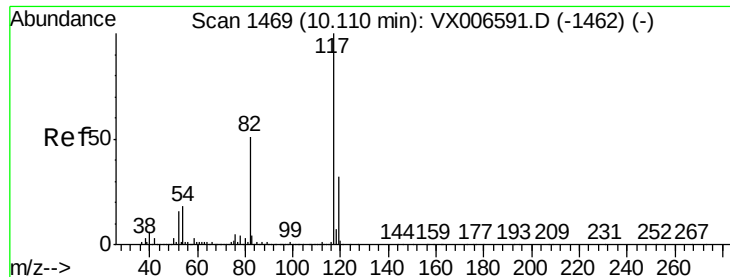
100000

0

11.10 11.20

Time-->

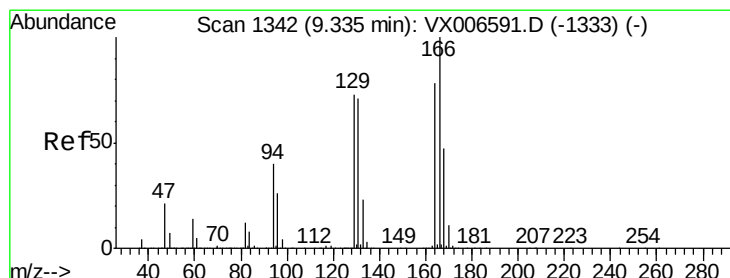
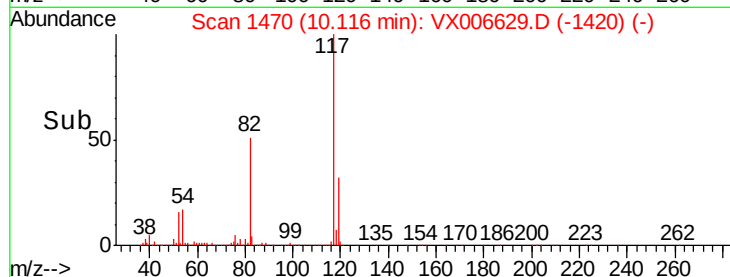
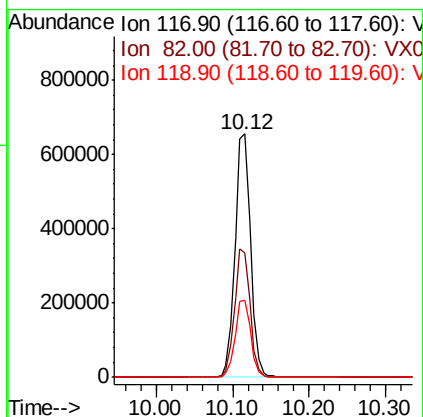
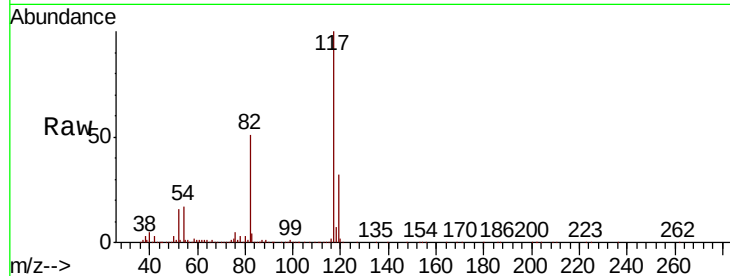




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006629.D
Acq: 19 Dec 2018 06:05

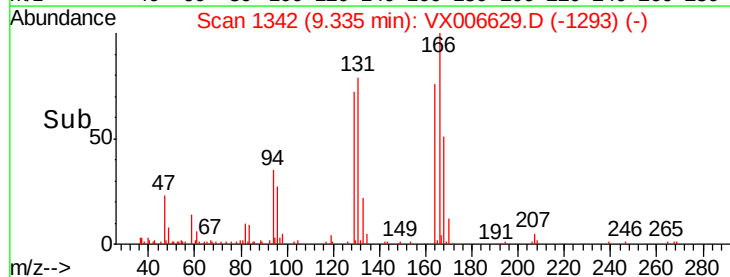
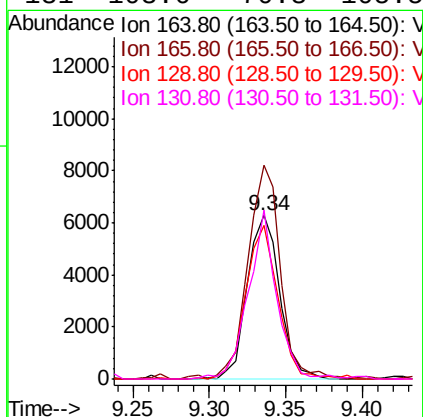
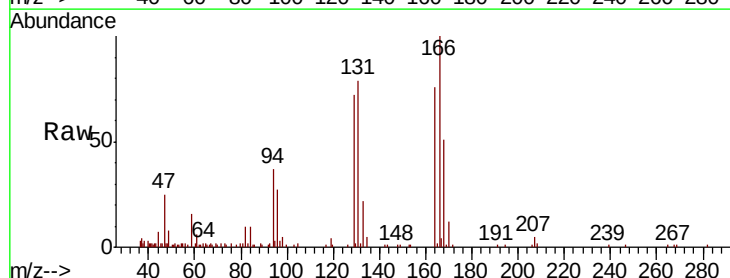
Instrument :
MSVOA_X
ClientSampleId :
MW-17A_R1

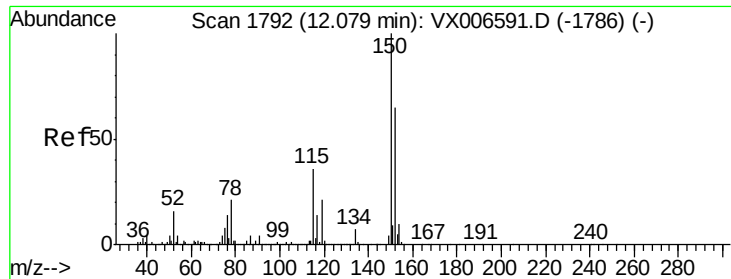
Tot Ion:117 Resp: 922223
Ion Ratio Lower Upper
117 100
82 51.0 39.6 59.4
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 1.272 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006629.D
Acq: 19 Dec 2018 06:05

Tgt Ion:164 Resp: 9289
Ion Ratio Lower Upper
164 100
166 129.5 104.2 156.2
129 93.7 72.6 108.8
131 103.6 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006629.D

Acq: 19 Dec 2018 06:05

Instrument :

MSVOA_X

ClientSampleId :

MW-17A_R1

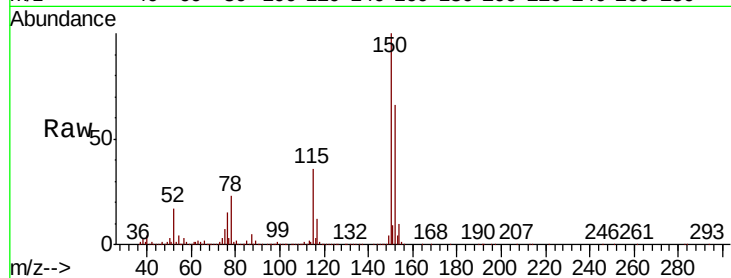
Tot Ion:152 Resp: 443642

Ion Ratio Lower Upper

152 100

115 56.4 39.0 116.9

150 155.0 0.0 345.8



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

