

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
 Data File : VX006429.D
 Acq On : 11 Dec 2018 19:04
 Operator : JC/MD
 Sample : J6324-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D1-20181205DL

Quant Time: Dec 21 03:23:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

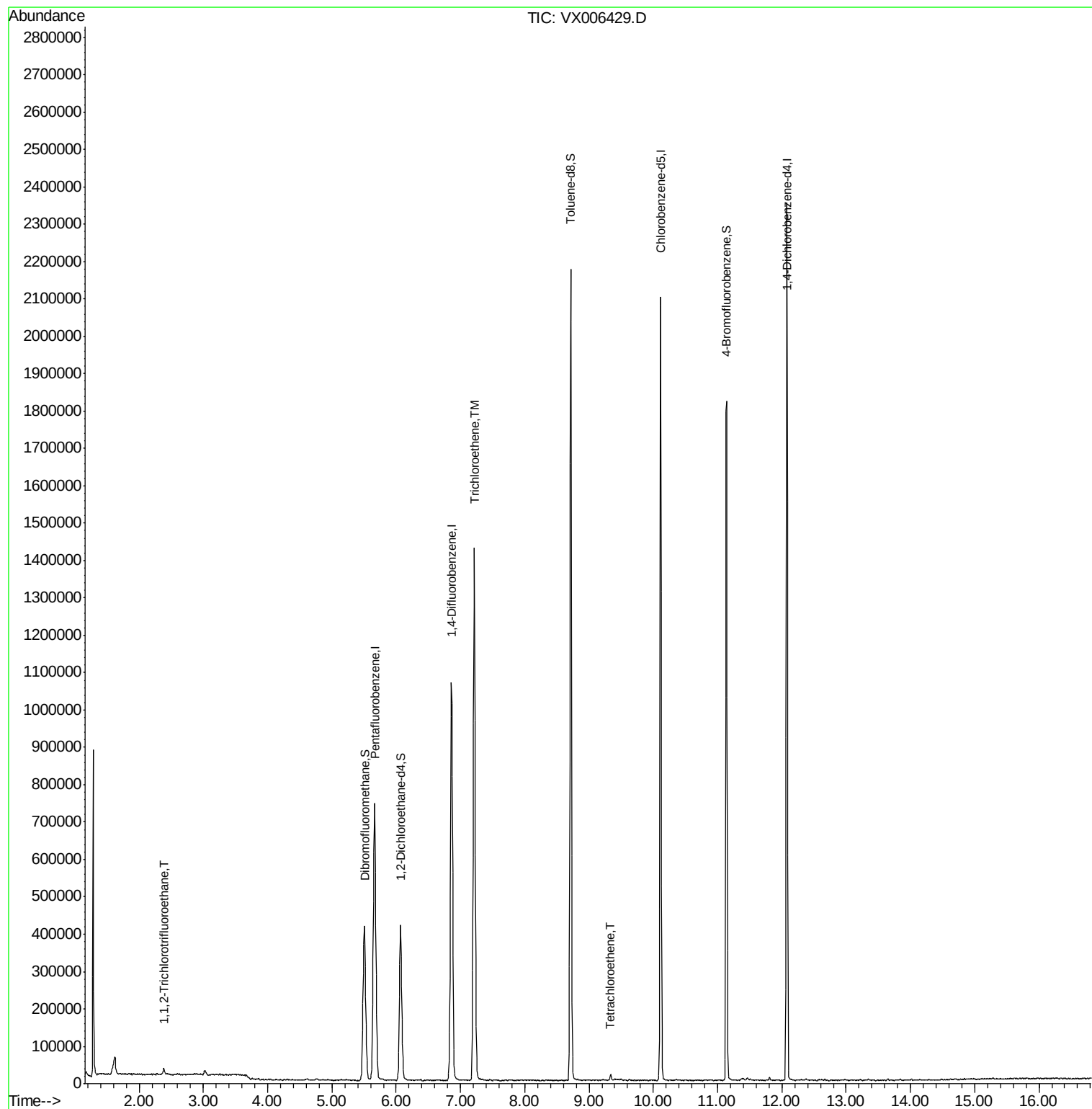
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	757498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1164372	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1054581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	502366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	390713	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
35) Dibromofluoromethane	5.50	113	358108	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	8.71	98	1353944	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	498914	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4800	0.670	ug/l	90
44) Trichloroethene	7.21	130	576589	64.810	ug/l	98
64) Tetrachloroethene	9.34	164	3035	0.382	ug/l #	79

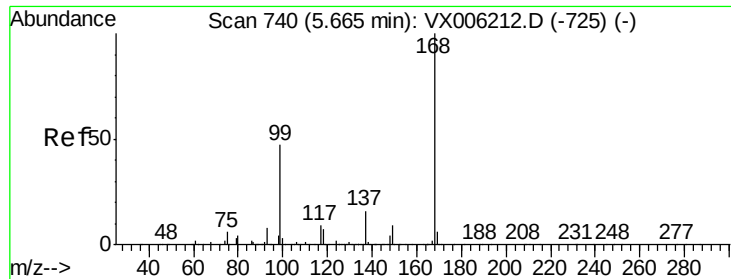
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006429.D

Acq: 11 Dec 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

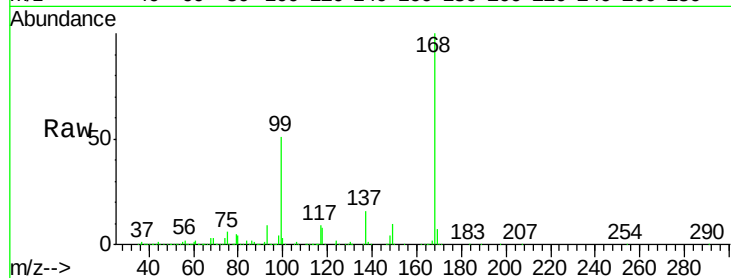
RE-103D1-20181205DL

Tgt Ion:168 Resp: 757498

Ion Ratio Lower Upper

168 100

99 50.8 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

300000

250000

200000

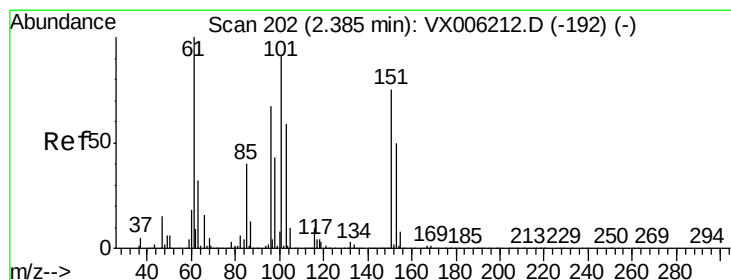
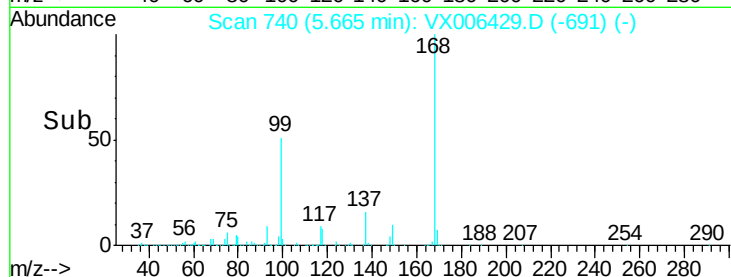
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.670 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006429.D

Acq: 11 Dec 2018 19:04

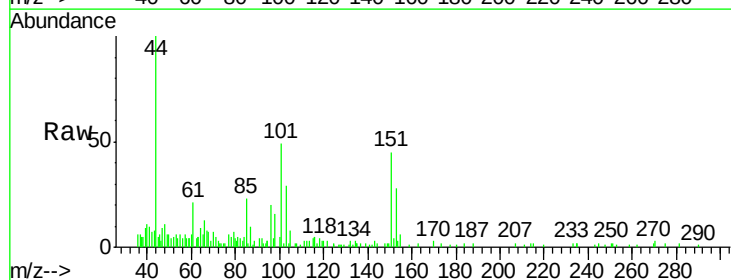
Tgt Ion:101 Resp: 4800

Ion Ratio Lower Upper

101 100

85 42.8 35.5 53.3

151 73.7 68.6 103.0



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

2.39

3000

2500

2000

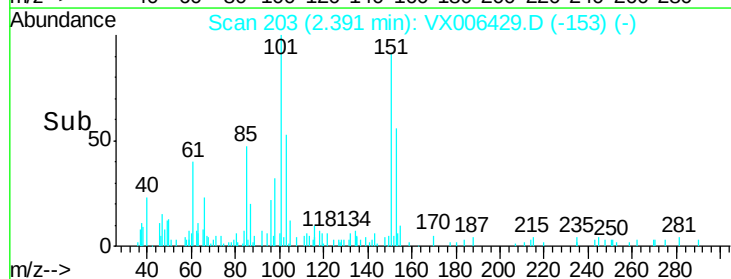
1500

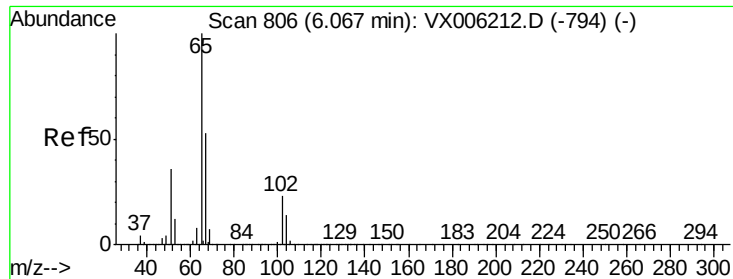
1000

500

0

Time--> 2.30 2.35 2.40 2.45

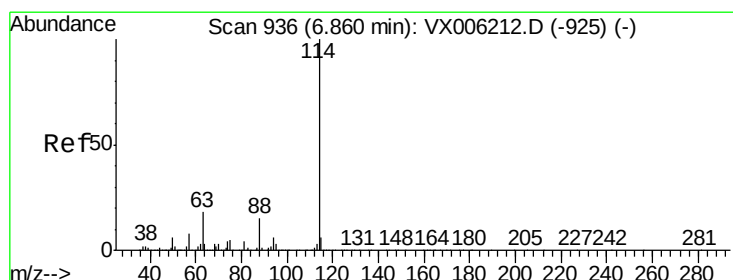
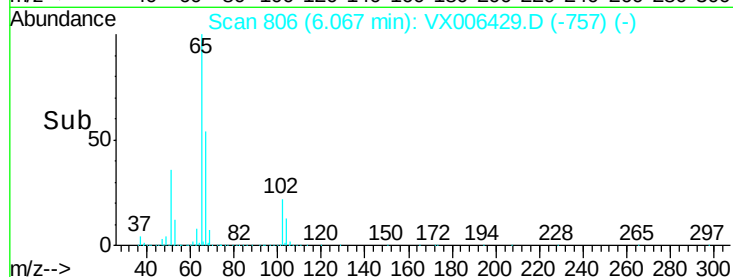
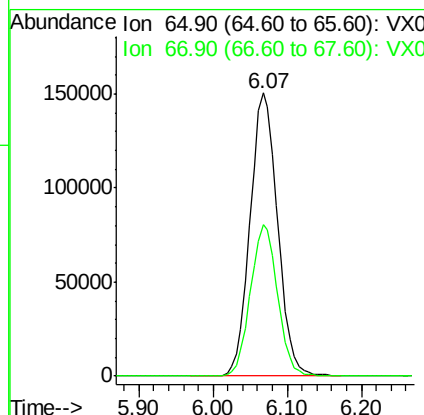
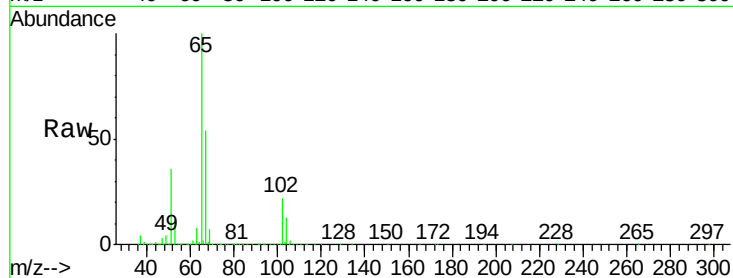




#33
 1,2-Dichloroethane-d4
 Concen: 50.526 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006429.D
 Acq: 11 Dec 2018 19:04

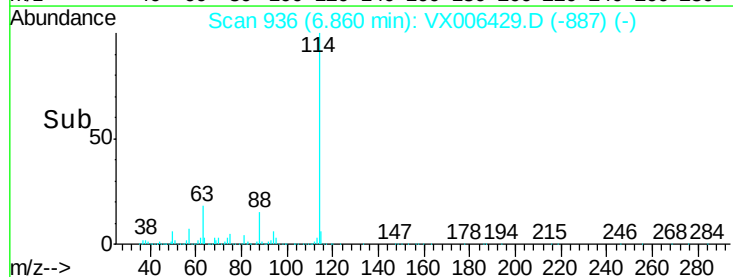
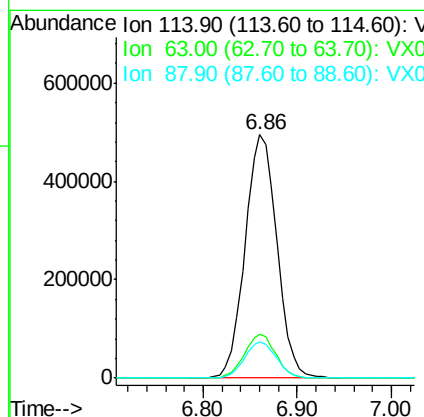
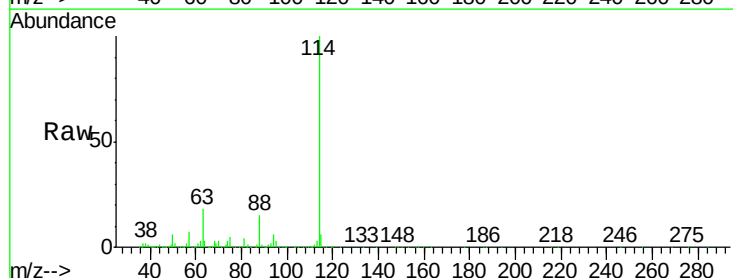
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D1-20181205DL

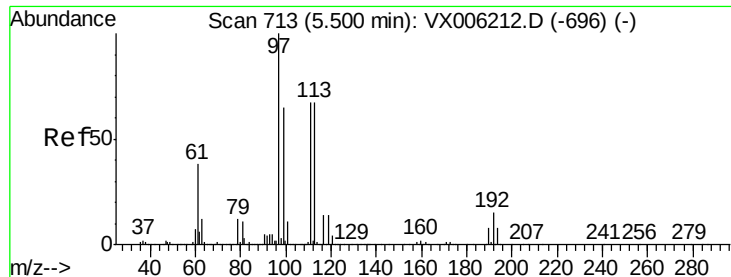
Tgt Ion: 65 Resp: 390713
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006429.D
 Acq: 11 Dec 2018 19:04

Tgt Ion: 114 Resp: 1164372
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.6
 88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.502 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006429.D

Acq: 11 Dec 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

RE-103D1-20181205DL

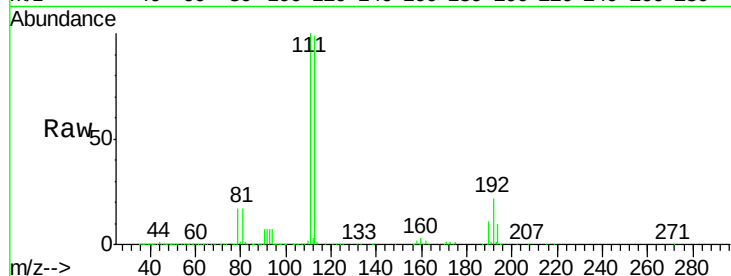
Tgt Ion:113 Resp: 358108

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

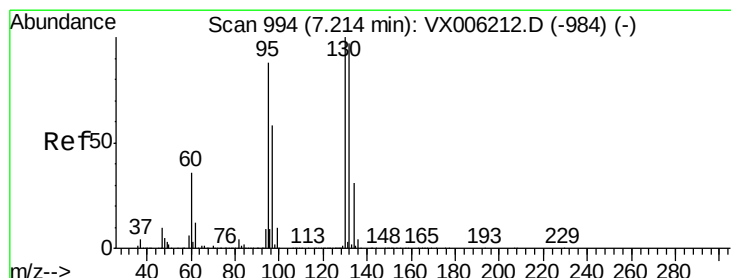
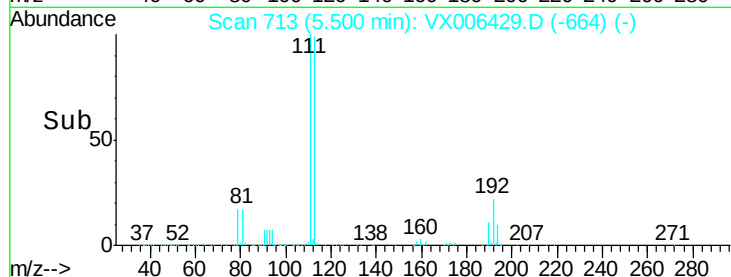
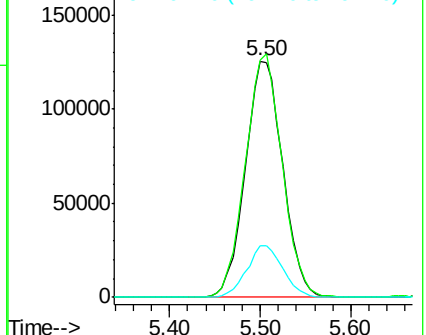
192 21.4 18.2 27.2



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: 64.810 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006429.D

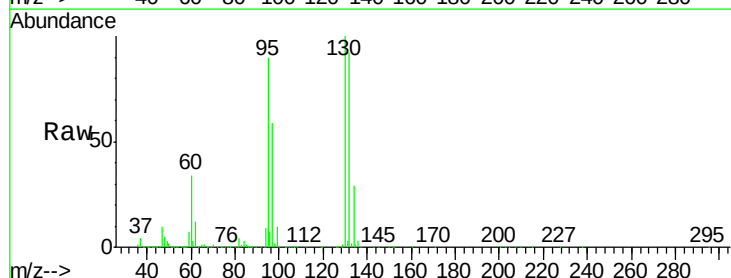
Acq: 11 Dec 2018 19:04

Tgt Ion:130 Resp: 576589

Ion Ratio Lower Upper

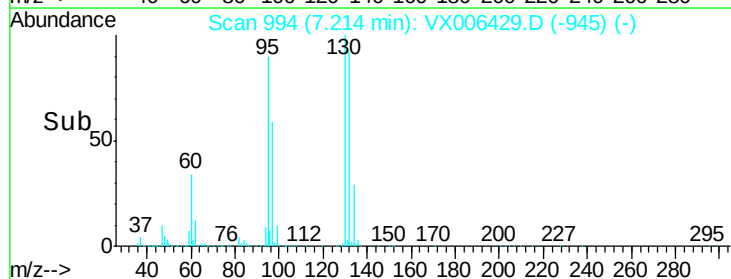
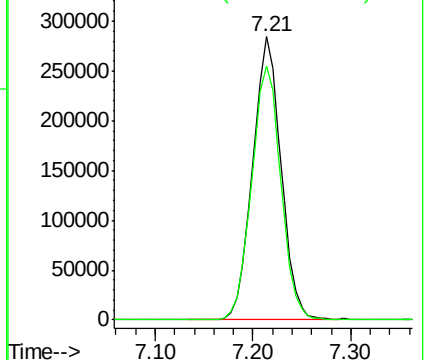
130 100

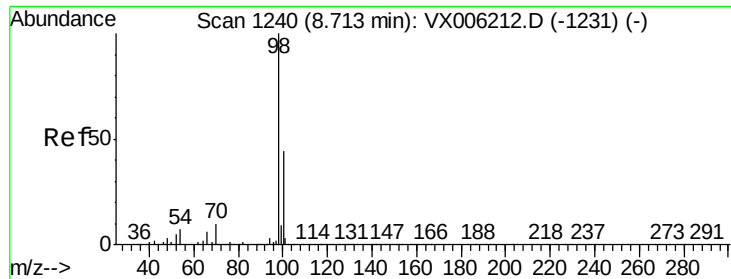
95 89.6 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.374 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006429.D

Acq: 11 Dec 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

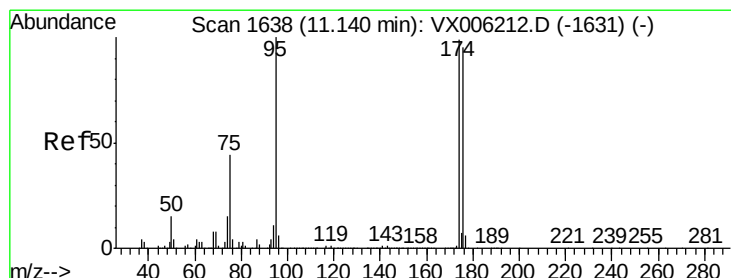
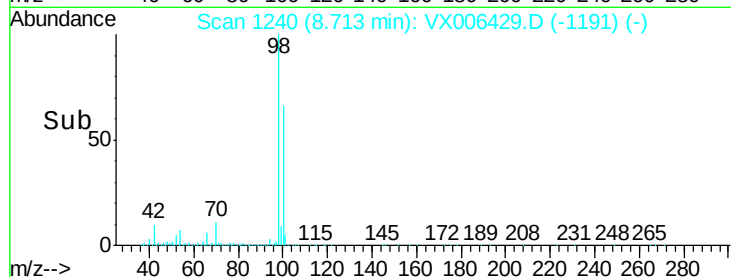
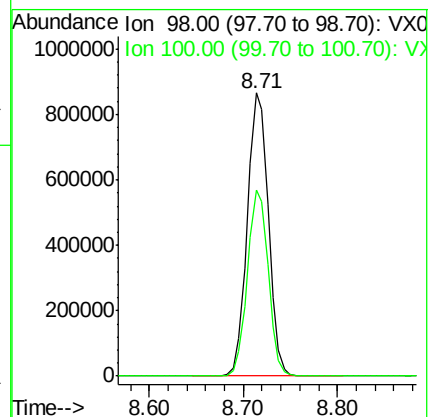
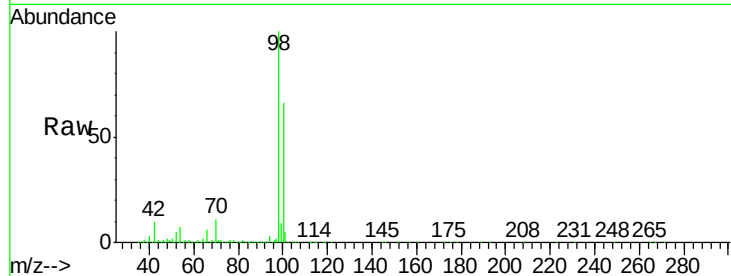
RE-103D1-20181205DL

Tgt Ion: 98 Resp: 1353944

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.282 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006429.D

Acq: 11 Dec 2018 19:04

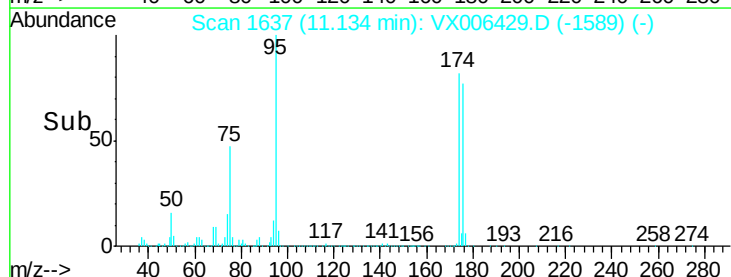
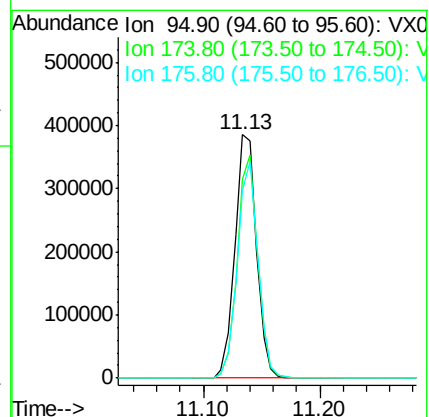
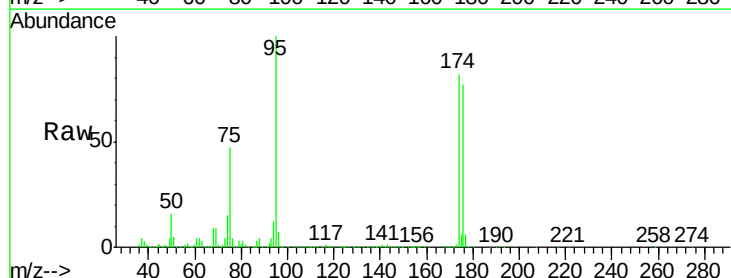
Tgt Ion: 95 Resp: 498914

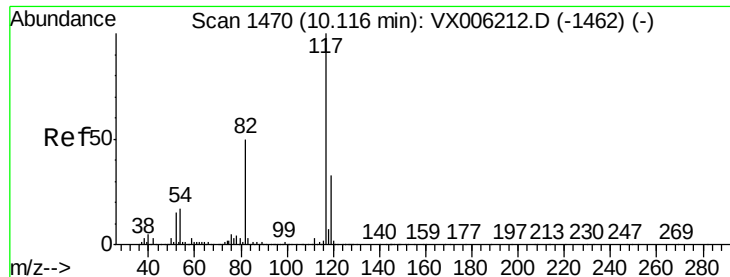
Ion Ratio Lower Upper

95 100

174 87.3 0.0 187.0

176 85.3 0.0 181.8

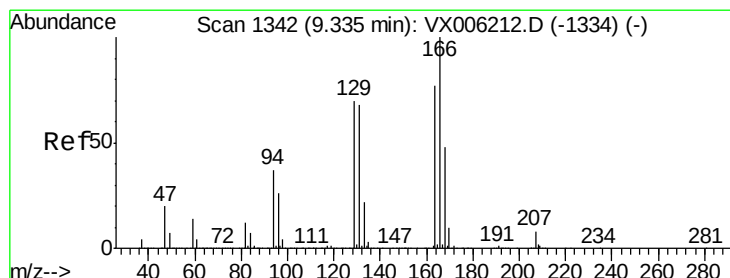
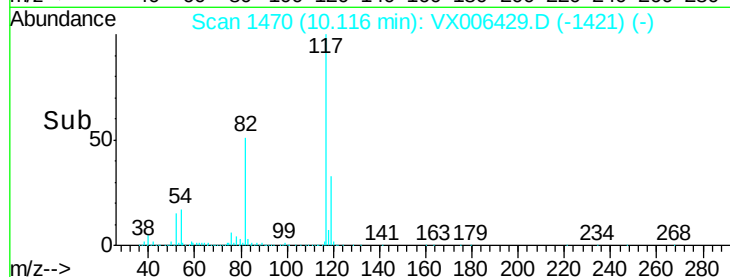
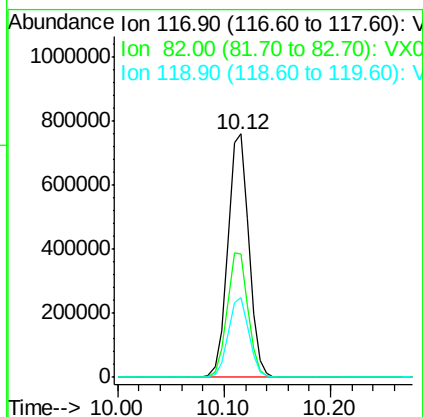
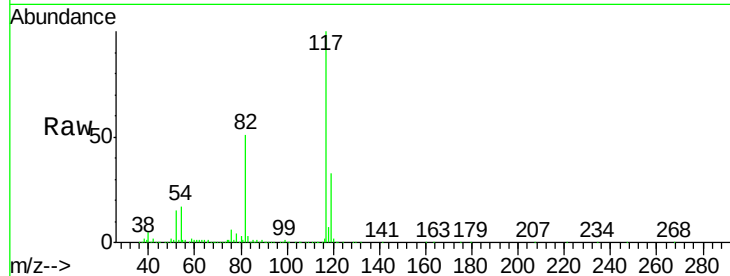




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006429.D
Acq: 11 Dec 2018 19:04

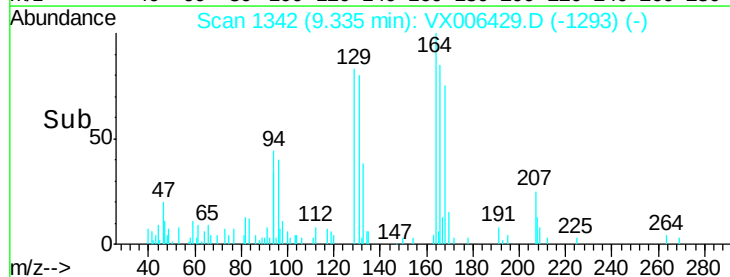
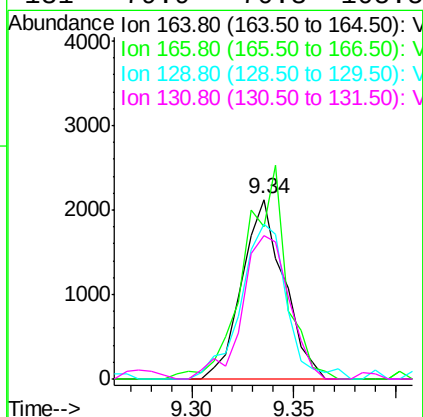
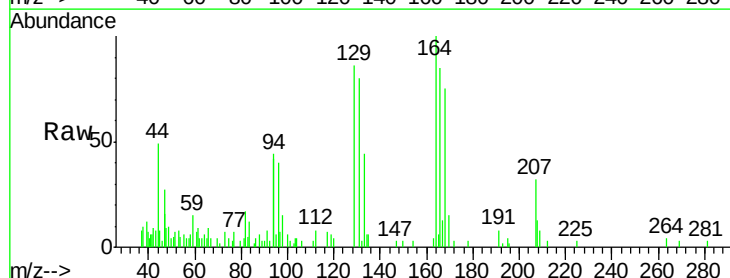
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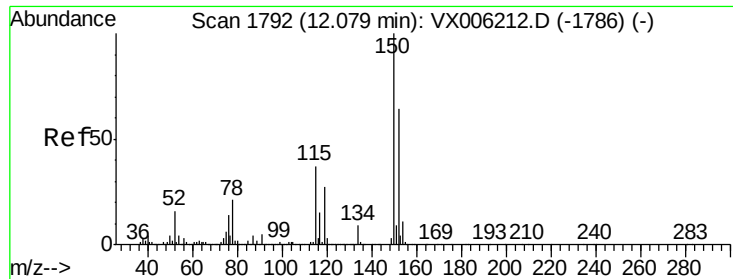
Tgt Ion:117 Resp: 1054581
Ion Ratio Lower Upper
117 100
82 50.6 39.6 59.4
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 0.382 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006429.D
Acq: 11 Dec 2018 19:04

Tgt Ion:164 Resp: 3035
Ion Ratio Lower Upper
164 100
166 82.4 104.2 156.2#
129 86.2 72.6 108.8
131 79.9 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: VX006429.D

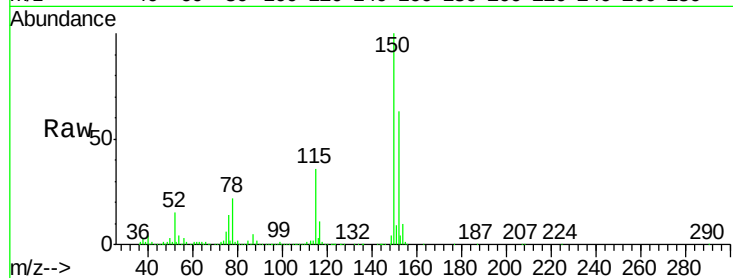
Acq: 11 Dec 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

RE-103D1-20181205DL



Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	39.0	116.9
150	158.9	0.0	345.8

