

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006426.D
 Acq On : 11 Dec 2018 17:44
 Operator : JC/MD
 Sample : J6324-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D1-20181205DL

Quant Time: Dec 12 05:52:44 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

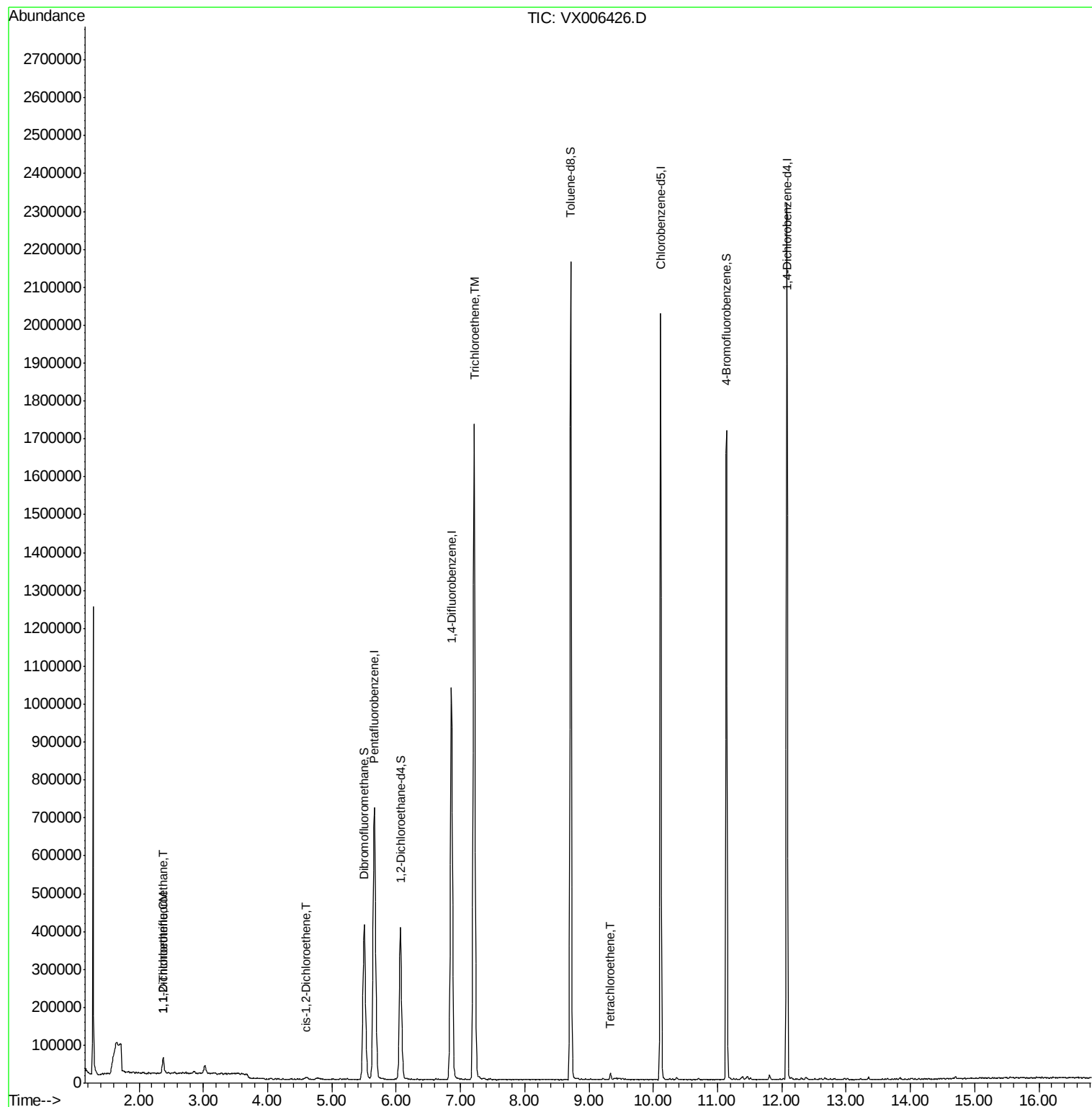
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	745862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1142794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1013742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	487501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	371774	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	5.50	113	349363	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	8.71	98	1324007	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	471323	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	11626	1.649	ug/l	97
12) 1,1-Dichloroethene	2.37	96	6345	0.940	ug/l	88
27) cis-1,2-Dichloroethene	4.59	96	2951	0.368	ug/l	89
44) Trichloroethene	7.21	130	709311	81.233	ug/l	97
64) Tetrachloroethene	9.34	164	2763	0.362	ug/l	90

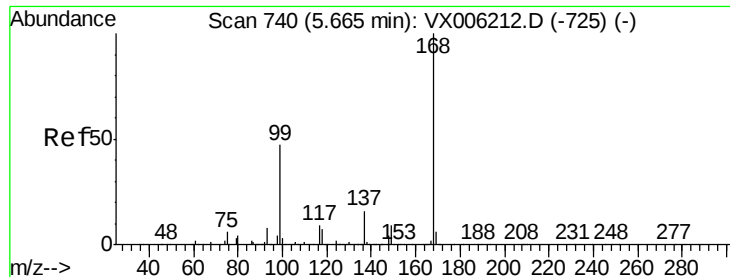
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006426.D

Acq: 11 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

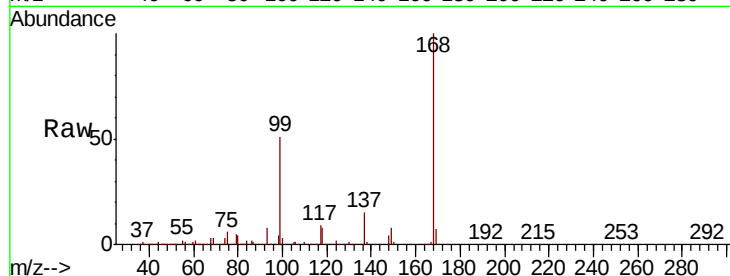
RE-120D1-20181205DL

Tot Ion:168 Resp: 745862

Ion Ratio Lower Upper

168 100

99 51.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

300000

250000

200000

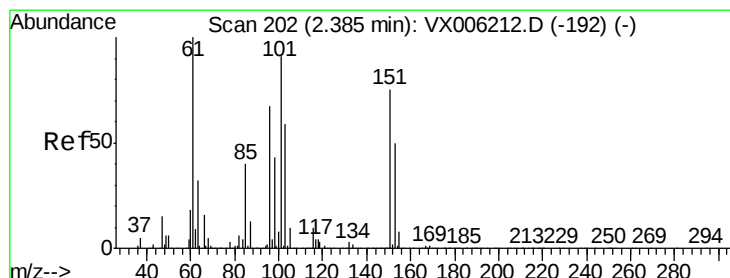
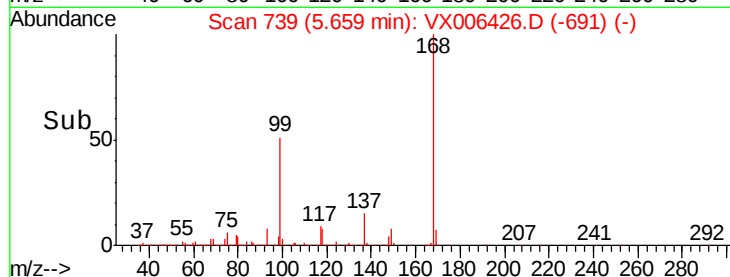
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.649 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006426.D

Acq: 11 Dec 2018 17:44

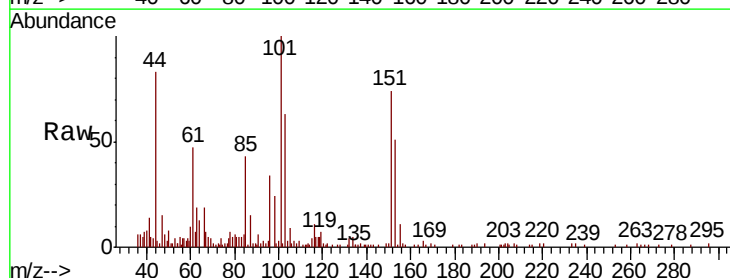
Tgt Ion:101 Resp: 11626

Ion Ratio Lower Upper

101 100

85 39.8 35.5 53.3

151 84.3 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

8000

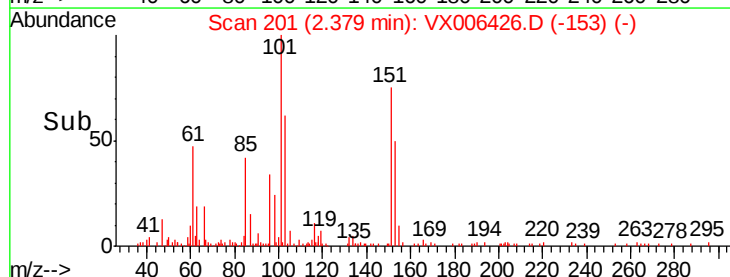
6000

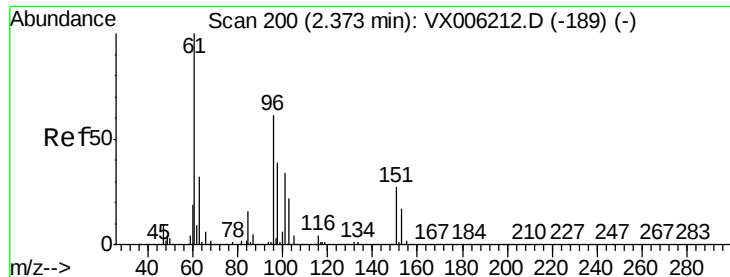
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.940 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX006426.D

Acq: 11 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

RE-120D1-20181205DL

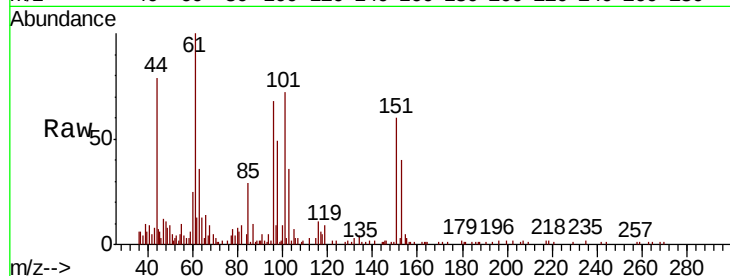
Tot Ion: 96 Resp: 6345

Ion Ratio Lower Upper

96 100

61 146.6 131.7 197.5

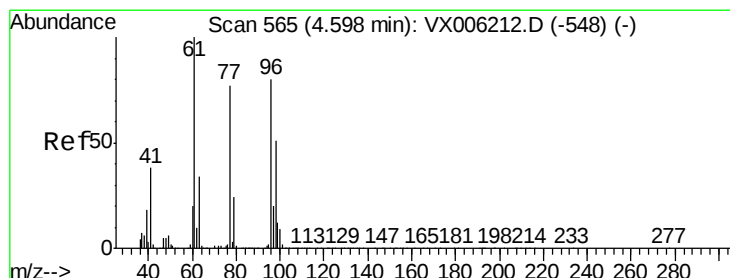
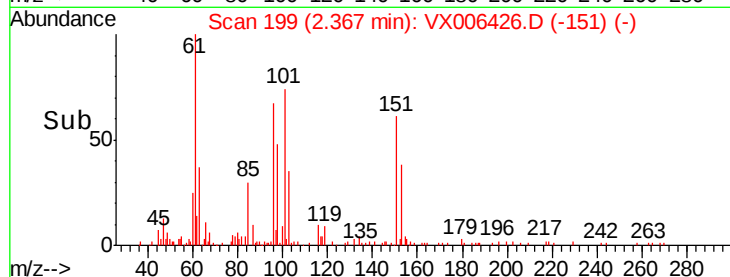
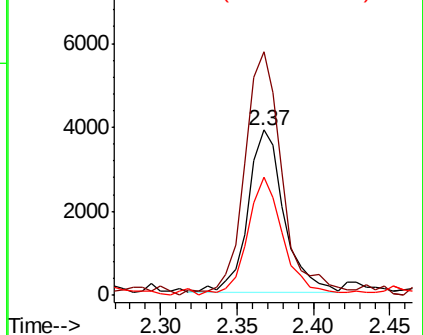
98 71.4 51.8 77.6



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



#27

cis-1,2-Dichloroethene

Concen: 0.368 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX006426.D

Acq: 11 Dec 2018 17:44

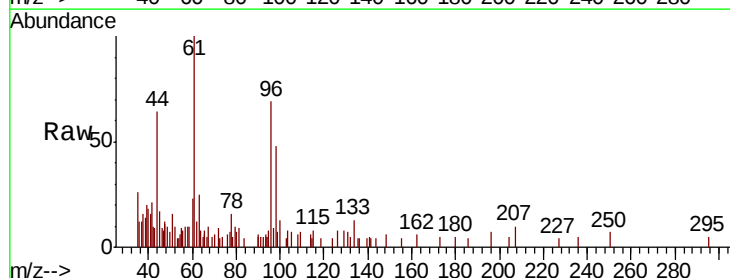
Tgt Ion: 96 Resp: 2951

Ion Ratio Lower Upper

96 100

61 130.6 0.0 265.0

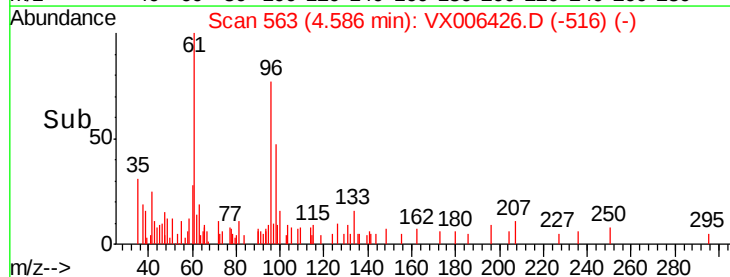
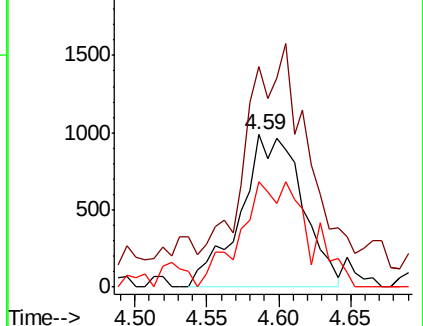
98 41.8 0.0 130.2

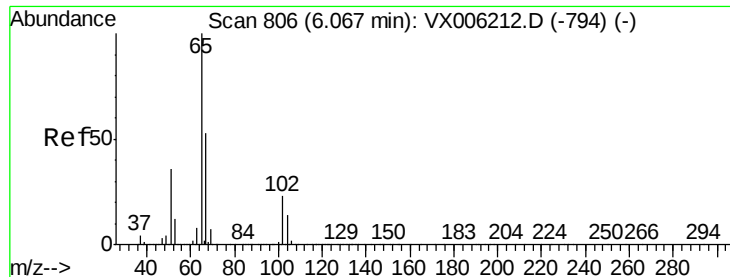


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.827 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006426.D

Acq: 11 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

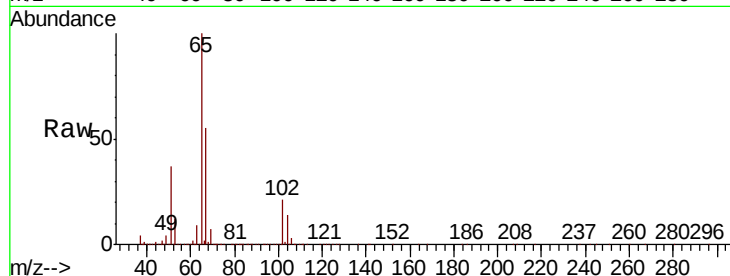
RE-120D1-20181205DL

Tot Ion: 65 Resp: 371774

Ion Ratio Lower Upper

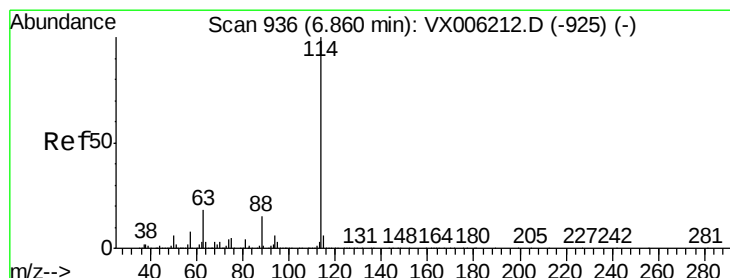
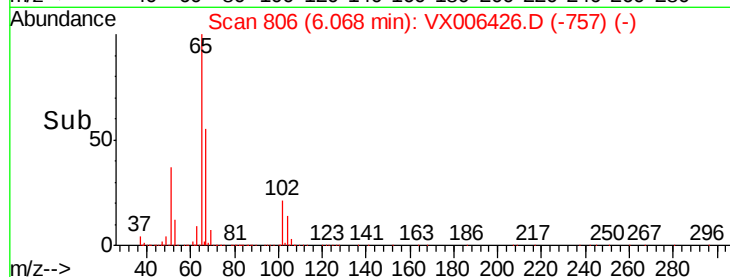
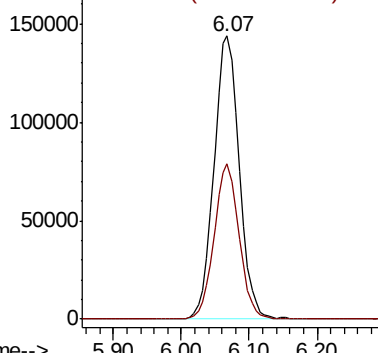
65 100

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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006426.D

Acq: 11 Dec 2018 17:44

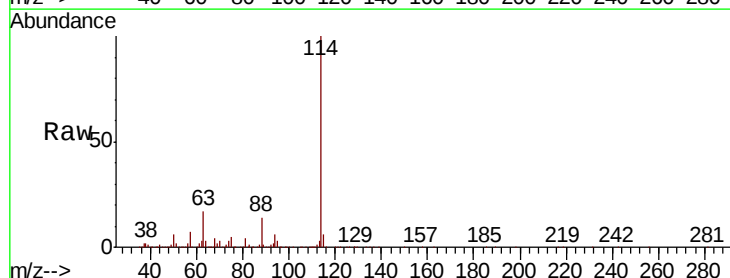
Tgt Ion: 114 Resp: 1142794

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

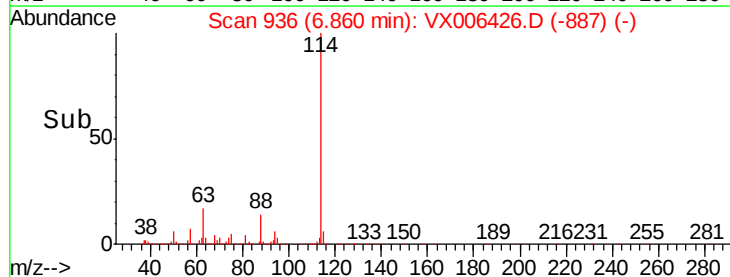
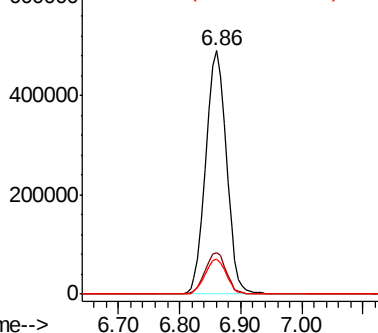
88 14.4 0.0 29.0

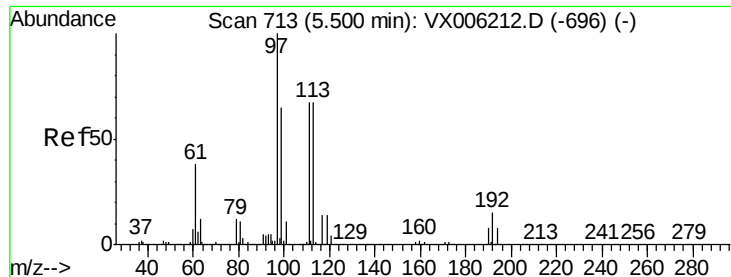


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

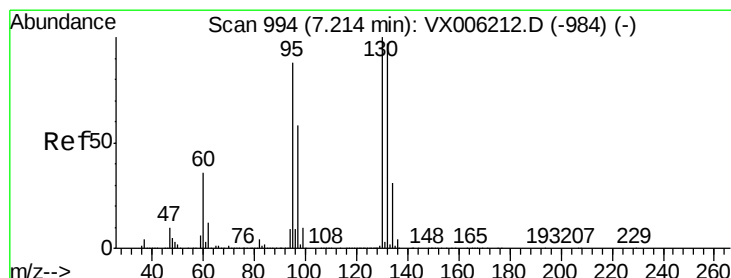
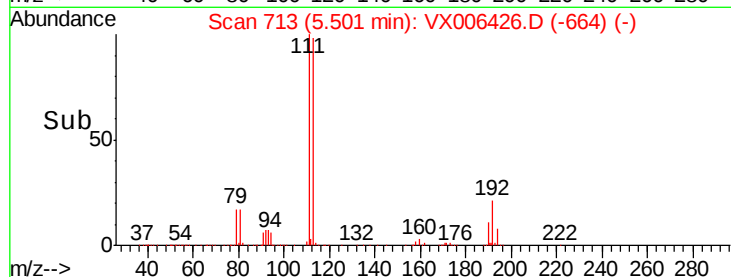
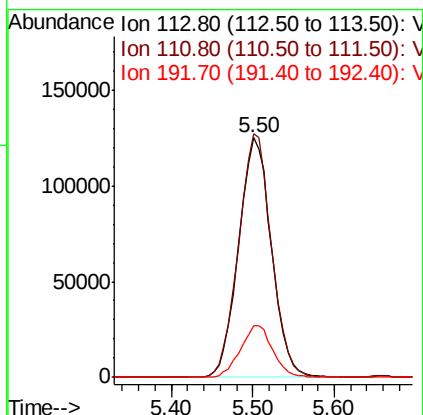
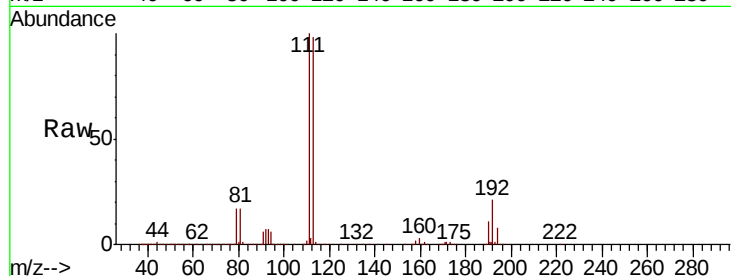




#35
 Dibromofluoromethane
 Concen: 47.217 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006426.D
 Acq: 11 Dec 2018 17:44

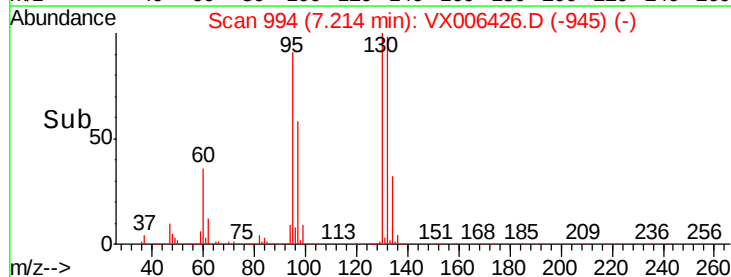
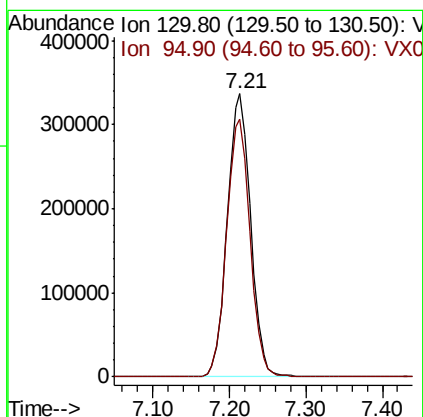
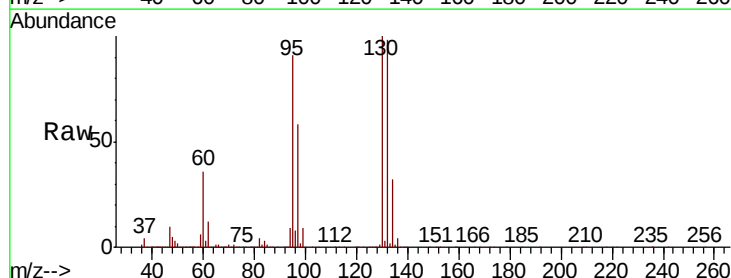
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D1-20181205DL

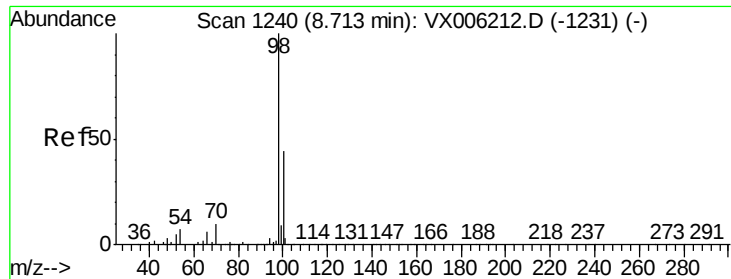
Tot Ion:113 Resp: 349363
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.1 121.7
 192 21.3 18.2 27.2



#44
 Trichloroethene
 Concen: 81.233 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006426.D
 Acq: 11 Dec 2018 17:44

Tgt Ion:130 Resp: 709311
 Ion Ratio Lower Upper
 130 100
 95 91.1 0.0 175.8





#50

Toluene-d8

Concen: 49.194 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006426.D

Acq: 11 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

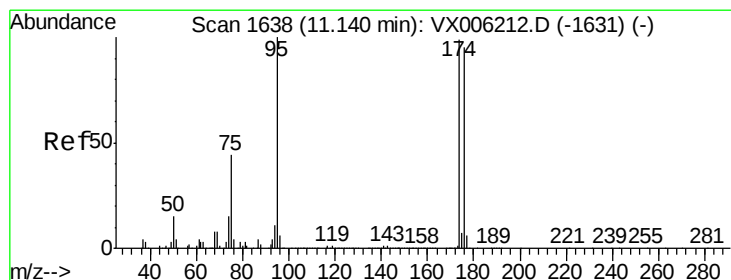
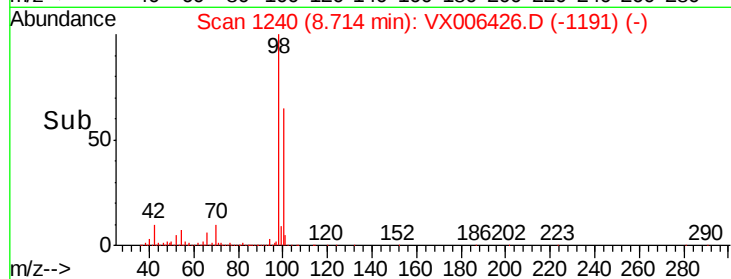
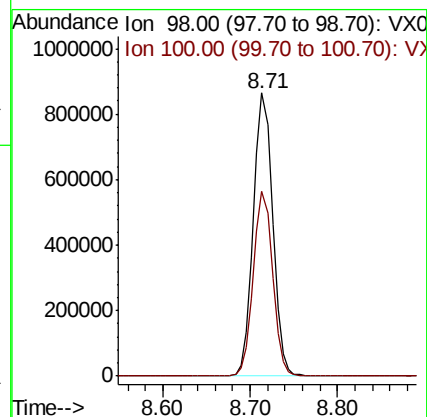
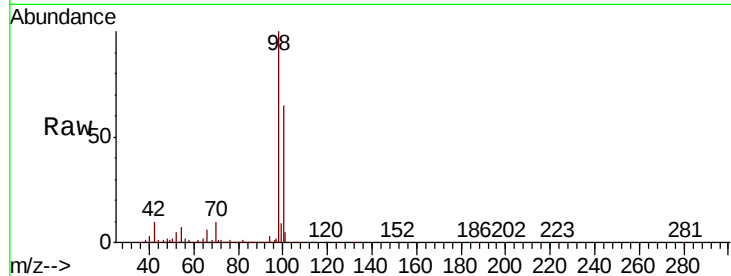
RE-120D1-20181205DL

Tot Ion: 98 Resp: 1324007

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.473 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006426.D

Acq: 11 Dec 2018 17:44

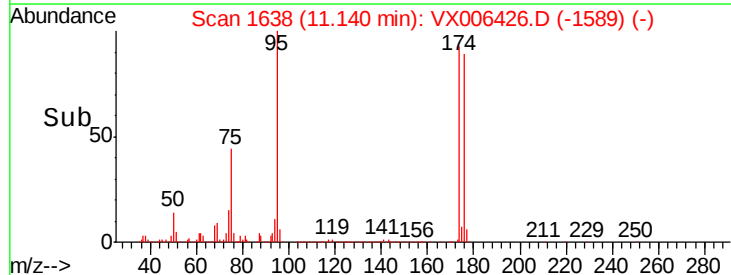
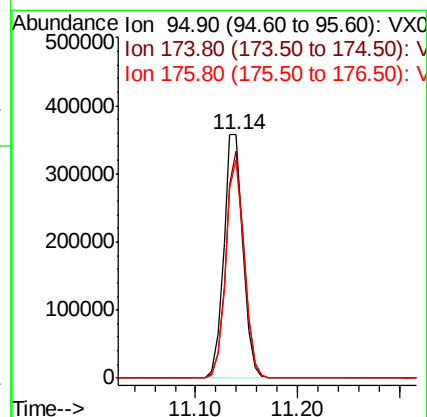
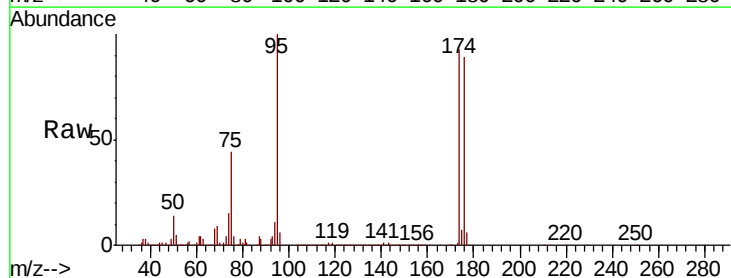
Tgt Ion: 95 Resp: 471323

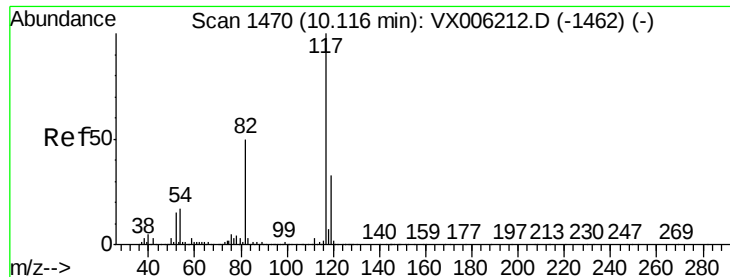
Ion Ratio Lower Upper

95 100

174 88.3 0.0 187.0

176 85.4 0.0 181.8

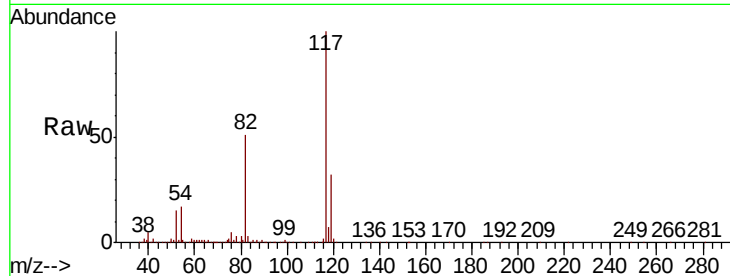




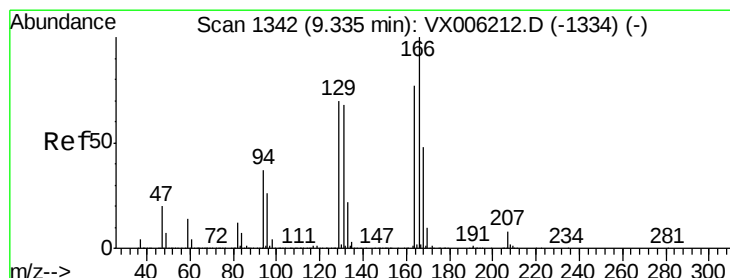
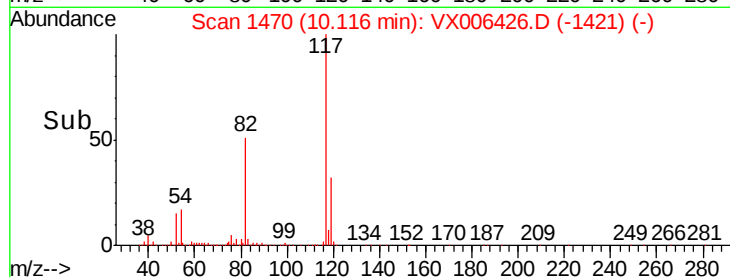
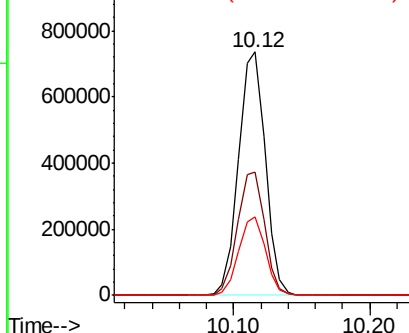
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006426.D
Acq: 11 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205DL

Tot Ion:117 Resp: 1013742
Ion Ratio Lower Upper
117 100
82 50.5 39.6 59.4
119 32.4 26.3 39.5

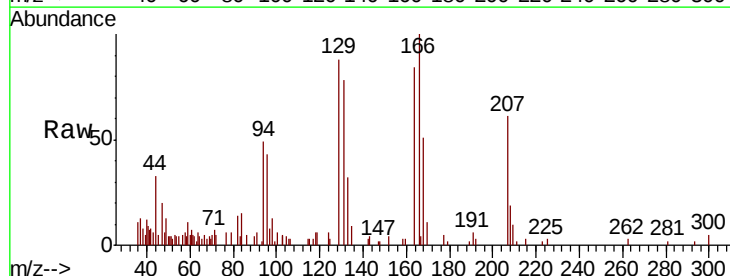


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

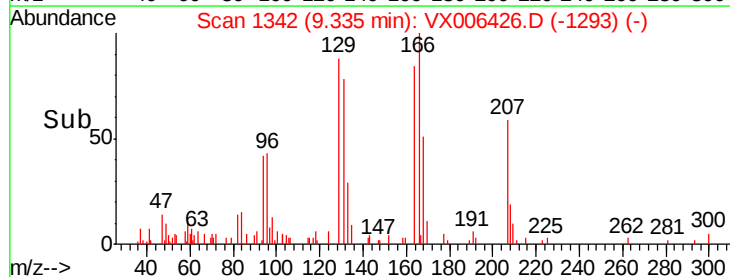
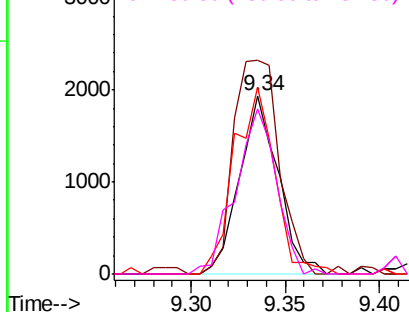


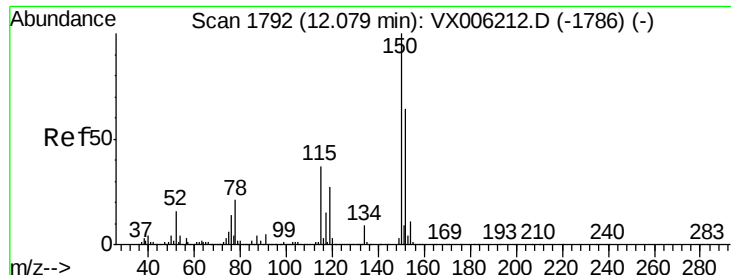
#64
Tetrachloroethene
Concen: 0.362 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006426.D
Acq: 11 Dec 2018 17:44

Tgt Ion:164 Resp: 2763
Ion Ratio Lower Upper
164 100
166 119.7 104.2 156.2
129 104.9 72.6 108.8
131 92.8 70.3 105.5



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: VX006426.D
 Acq: 11 Dec 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D1-20181205DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.0	116.9
150	156.6	0.0	345.8

