

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006582.D
 Acq On : 17 Dec 2018 19:26
 Operator : JC/MD
 Sample : J6405-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210

Quant Time: Dec 18 01:35:08 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

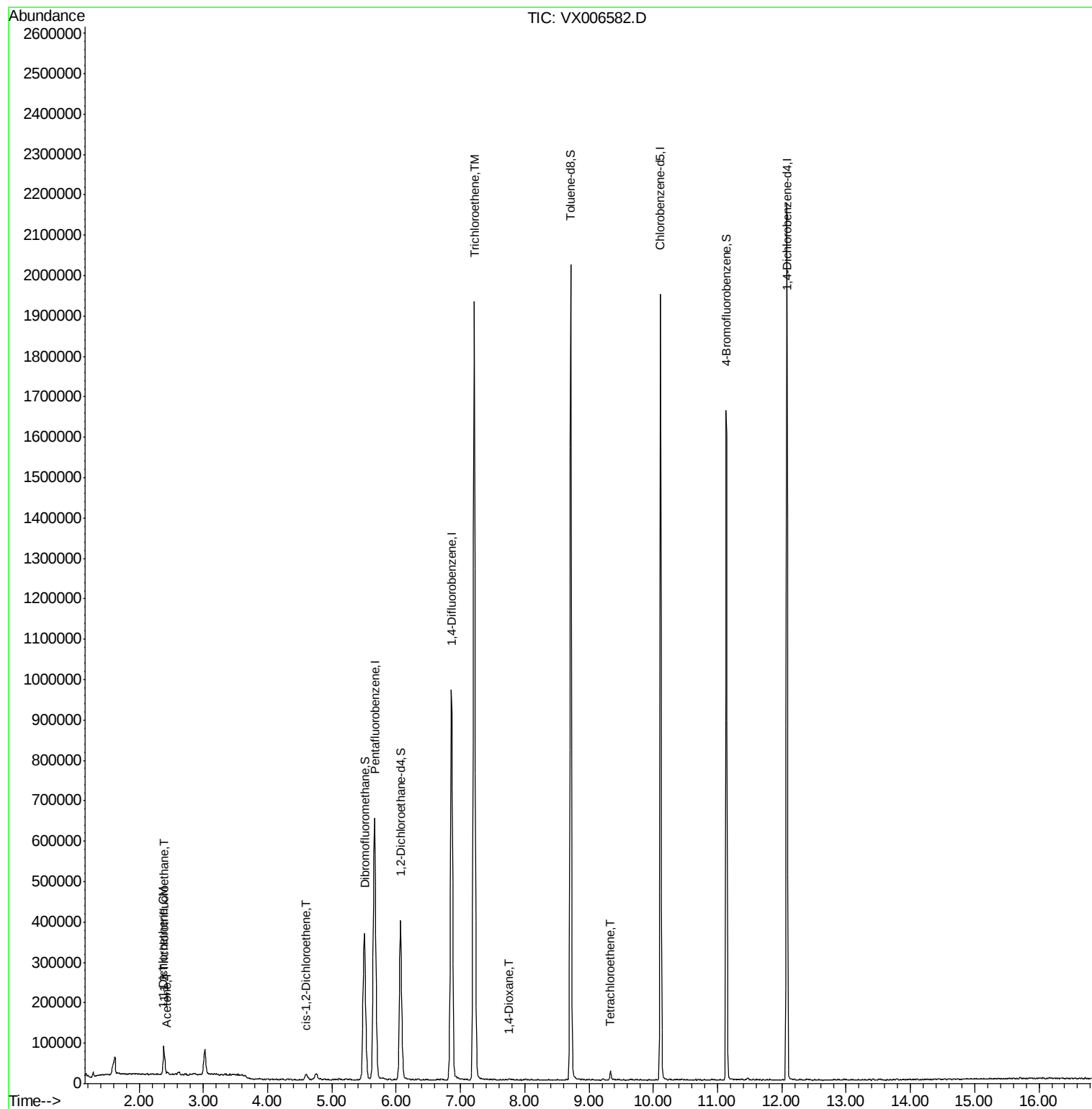
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	645148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1040424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	946463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	448068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	363082	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.26%	
35) Dibromofluoromethane	5.50	113	311947	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
50) Toluene-d8	8.71	98	1234838	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	458244	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.39	101	24981	4.097	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3853	0.660	ug/l #	75
16) Acetone	2.44	43	5115	1.655	ug/l #	85
27) cis-1,2-Dichloroethene	4.59	96	9010	1.298	ug/l	93
44) Trichloroethene	7.21	130	760040	95.607	ug/l	91
49) 1,4-Dioxane	7.75	88	2881	14.688	ug/l #	77
64) Tetrachloroethene	9.34	164	4273	0.599	ug/l	83

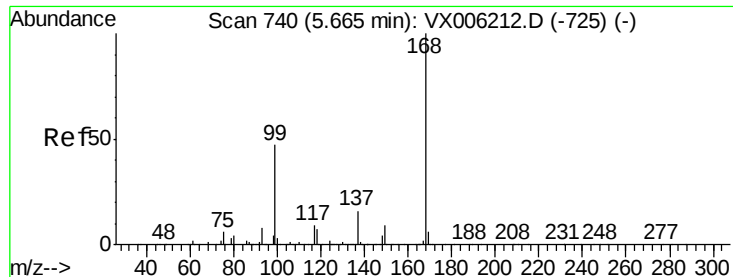
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
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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: VX006582.D

Acq: 17 Dec 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

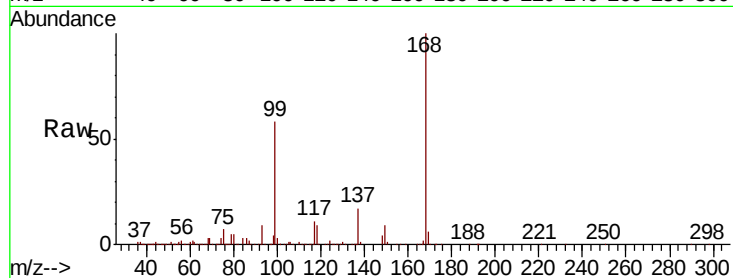
RE105D1-20181210

Tot Ion:168 Resp: 645148

Ion Ratio Lower Upper

168 100

99 58.1 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

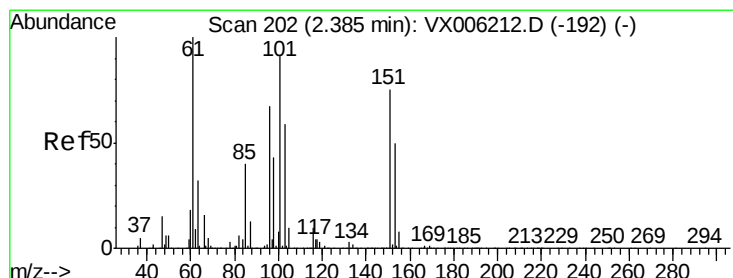
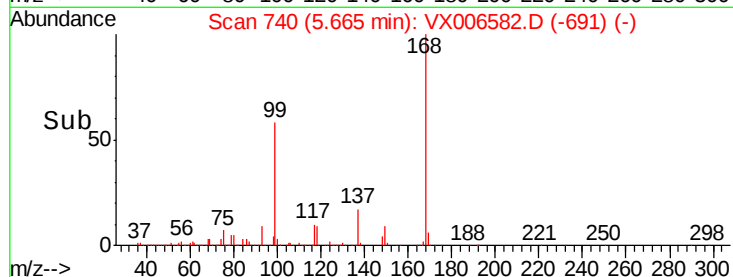
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.097 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006582.D

Acq: 17 Dec 2018 19:26

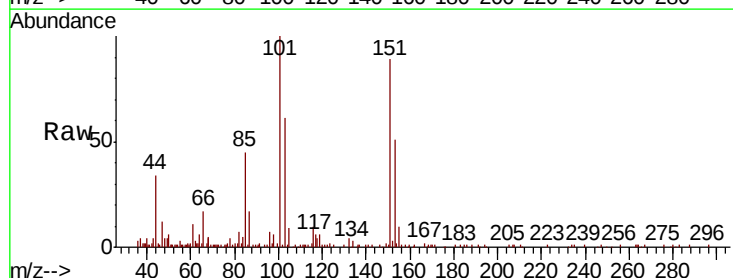
Tgt Ion:101 Resp: 24981

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

151 86.7 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

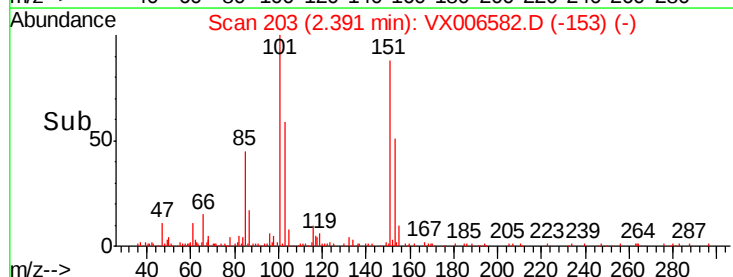
15000

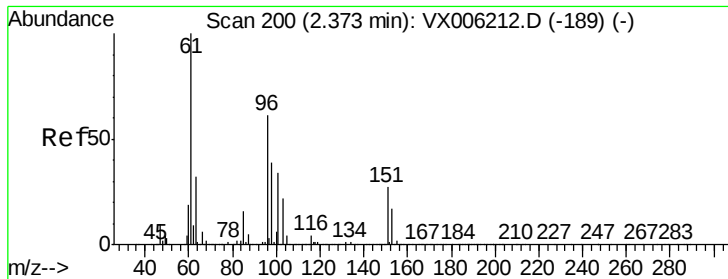
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.660 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX006582.D

Acq: 17 Dec 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210

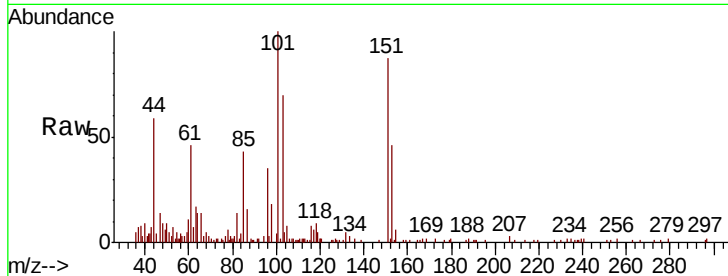
Tot Ion: 96 Resp: 3853

Ion Ratio Lower Upper

96 100

61 125.4 131.7 197.5#

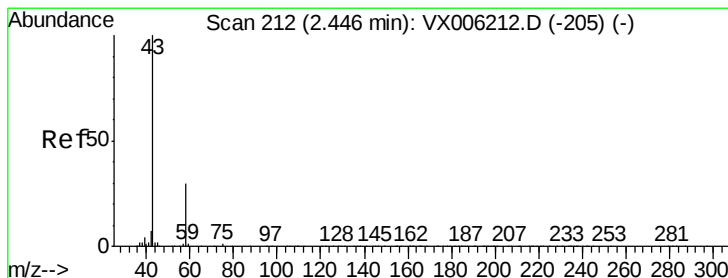
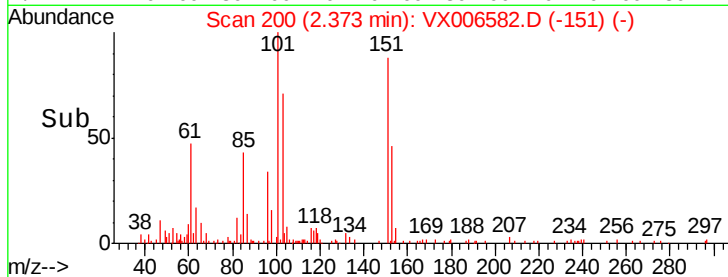
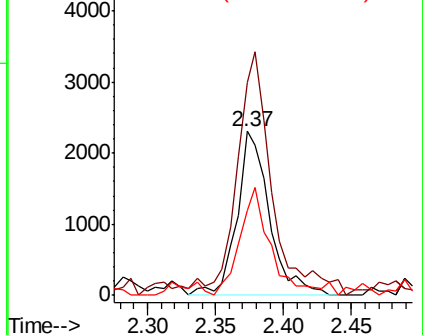
98 52.1 51.8 77.6



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



#16

Acetone

Concen: 1.655 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006582.D

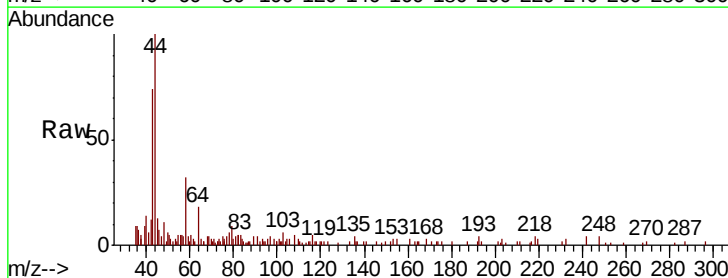
Acq: 17 Dec 2018 19:26

Tgt Ion: 43 Resp: 5115

Ion Ratio Lower Upper

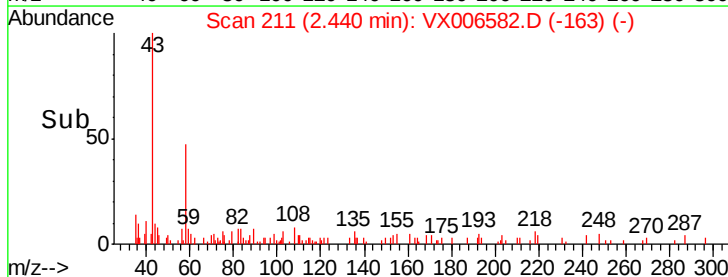
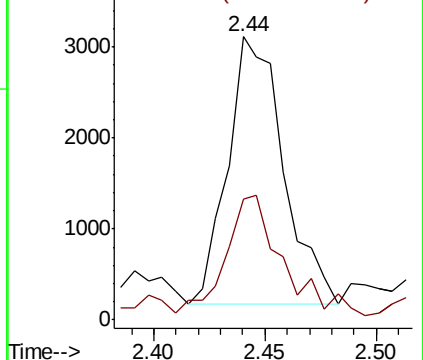
43 100

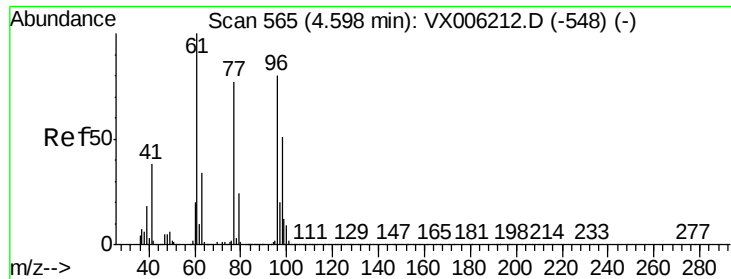
58 38.2 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



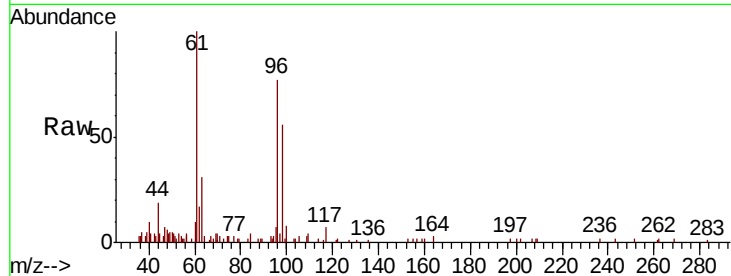


#27

cis-1,2-Dichloroethene
 Concen: 1.298 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006582.D
 Acq: 17 Dec 2018 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20181210

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	265.0
98	71.7	0.0	130.2

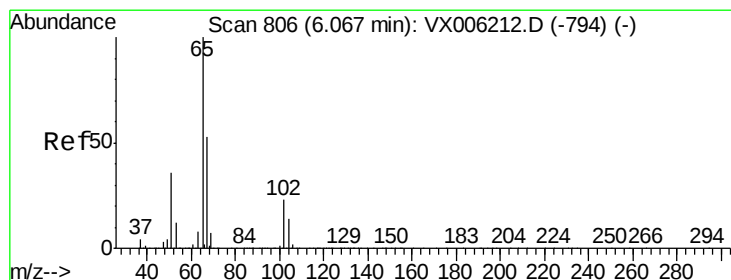
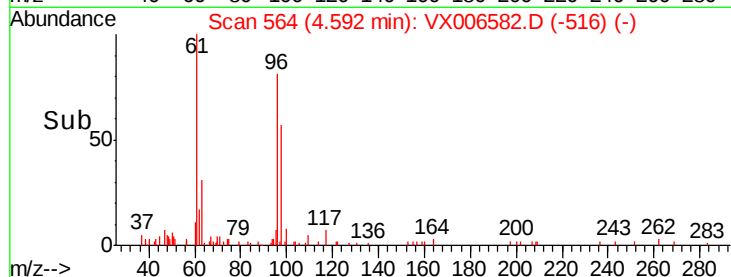
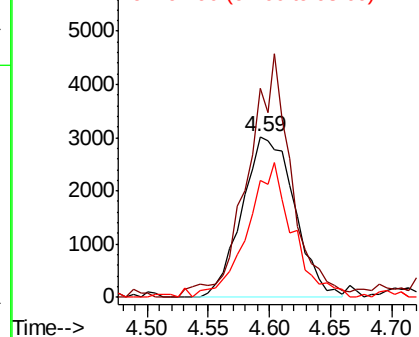


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

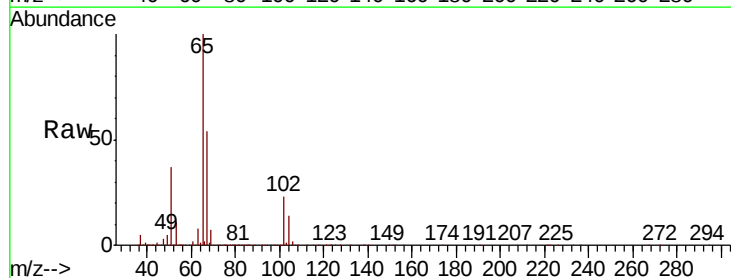
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4
 Concen: 55.130 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006582.D
 Acq: 17 Dec 2018 19:26

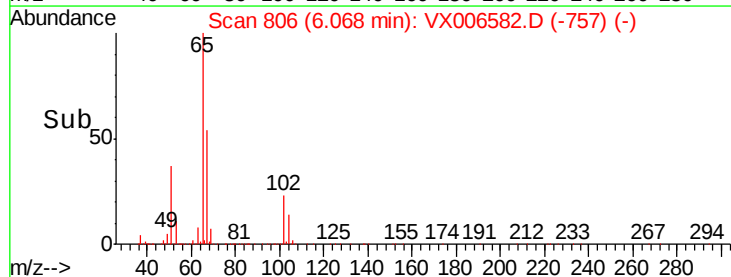
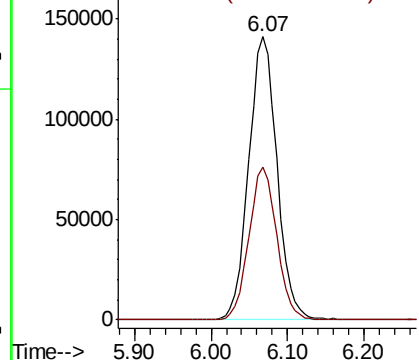
Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2

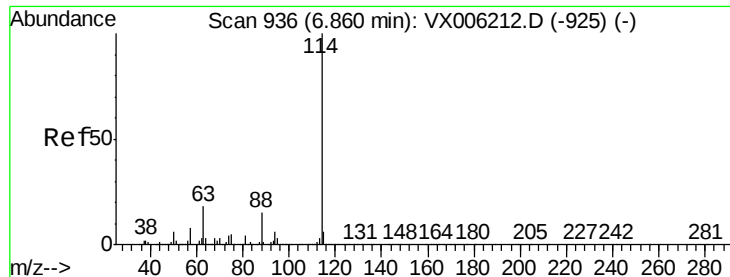


Abundance

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: VX006582.D

Acq: 17 Dec 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210

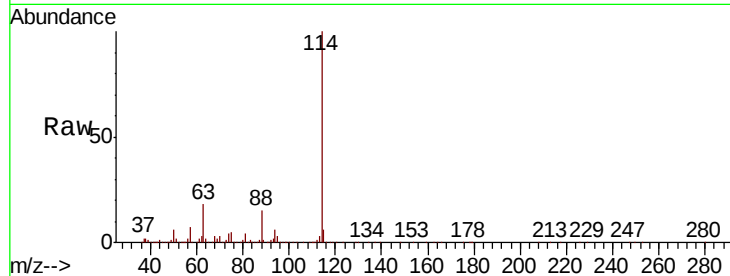
Tot Ion:114 Resp: 1040424

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

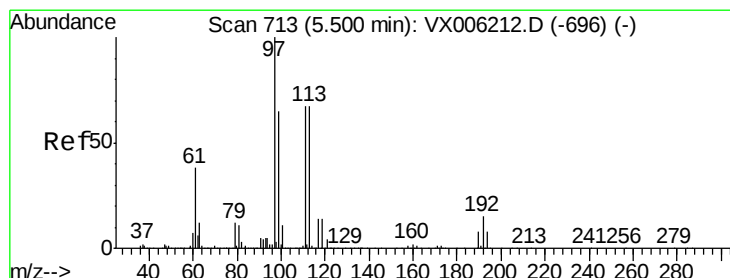
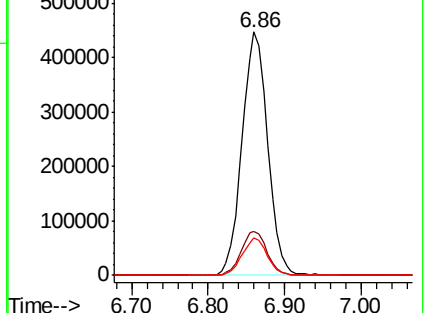
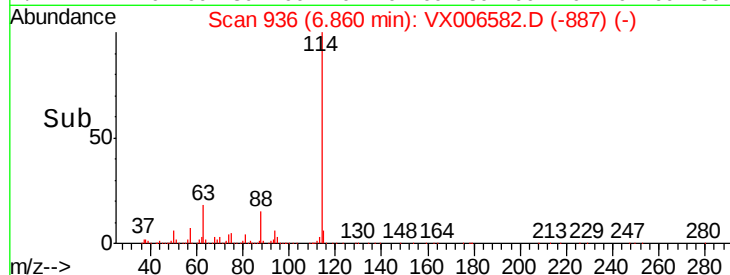
88 15.2 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 46.308 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006582.D

Acq: 17 Dec 2018 19:26

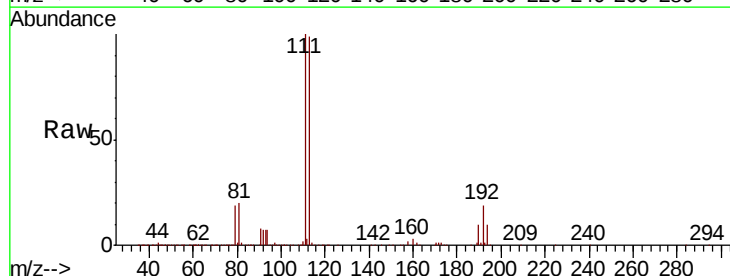
Tgt Ion:113 Resp: 311947

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

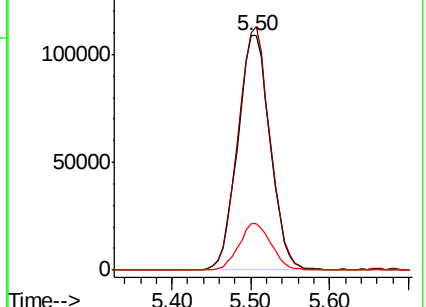
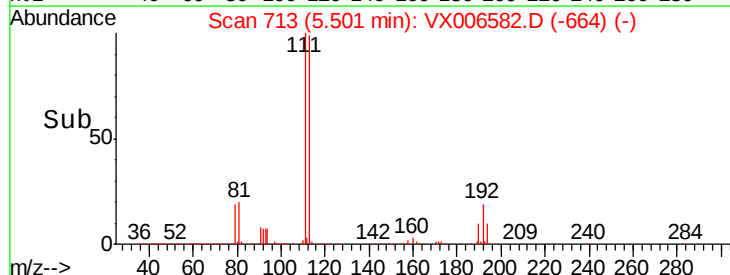
192 19.8 18.2 27.2

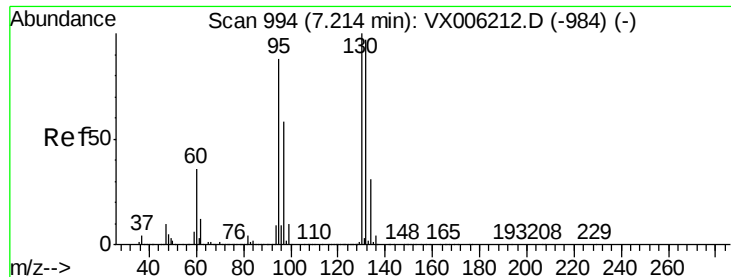


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 95.607 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006582.D

Acq: 17 Dec 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

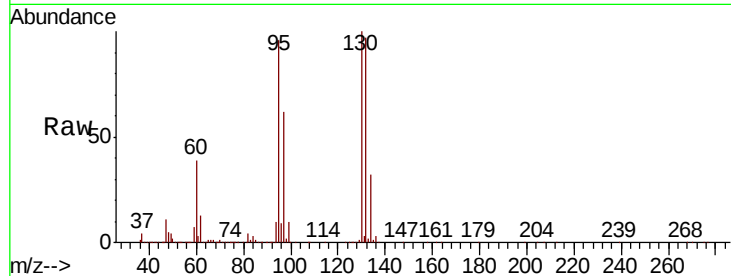
RE105D1-20181210

Tot Ion:130 Resp: 760040

Ion Ratio Lower Upper

130 100

95 96.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

400000

300000

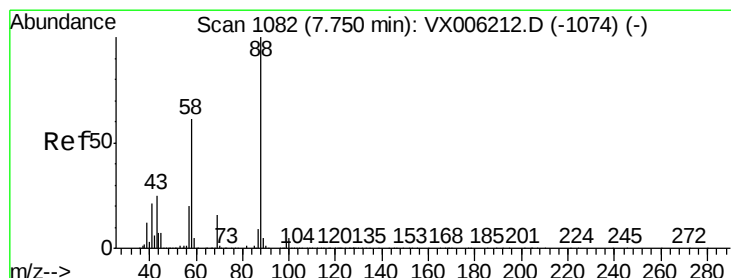
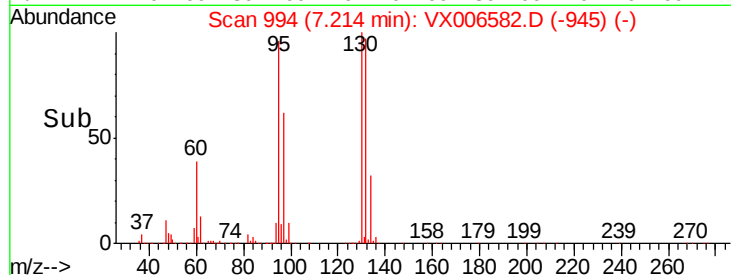
200000

100000

0

Time-->

7.10 7.20 7.30



#49

1,4-Dioxane

Concen: 14.688 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006582.D

Acq: 17 Dec 2018 19:26

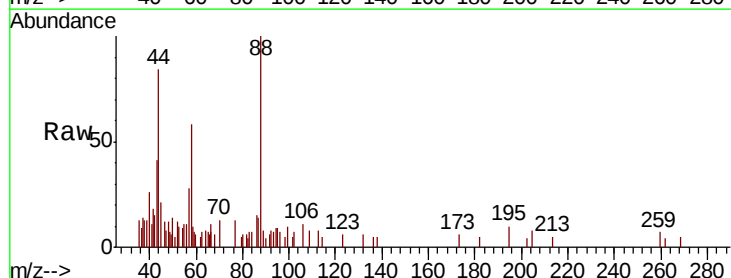
Tgt Ion: 88 Resp: 2881

Ion Ratio Lower Upper

88 100

43 57.2 23.2 34.8#

58 71.7 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500

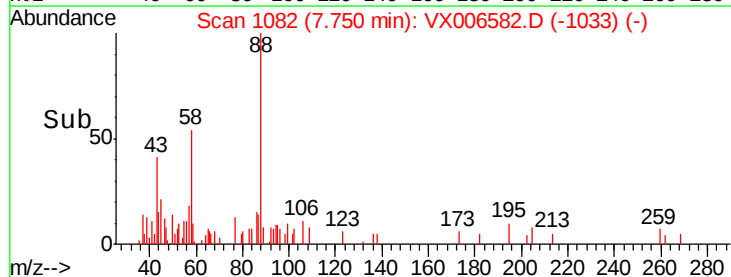
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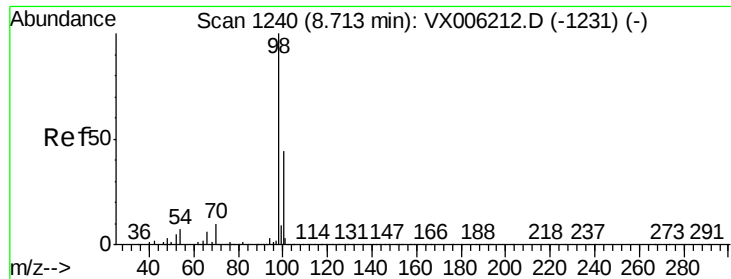
500

0

Time-->

7.70 7.75 7.80





#50

Toluene-d8

Concen: 50.396 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006582.D

Acq: 17 Dec 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

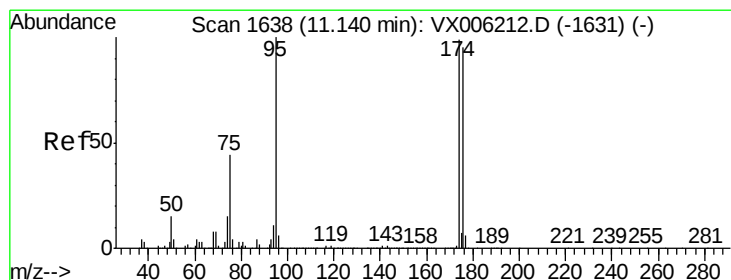
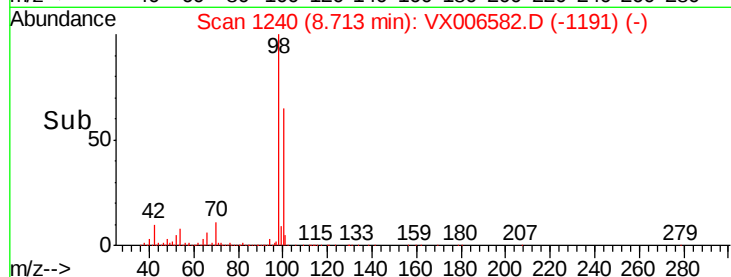
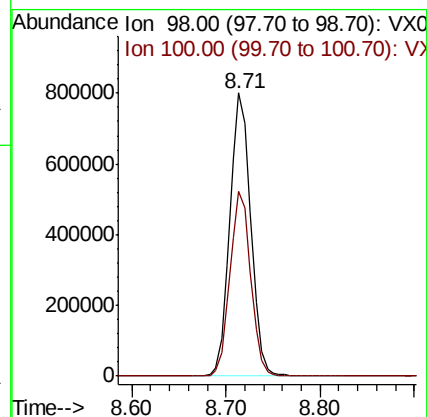
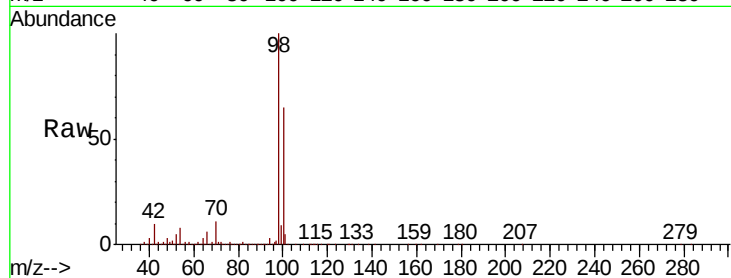
RE105D1-20181210

Tot Ion: 98 Resp: 1234838

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.629 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006582.D

Acq: 17 Dec 2018 19:26

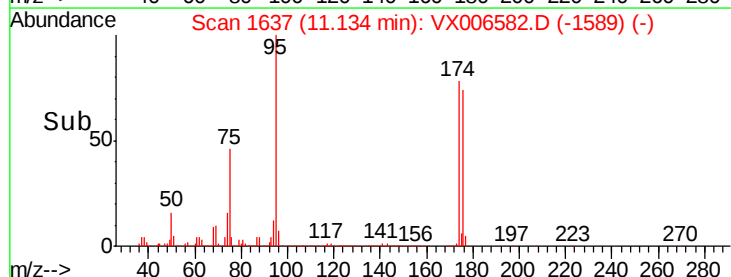
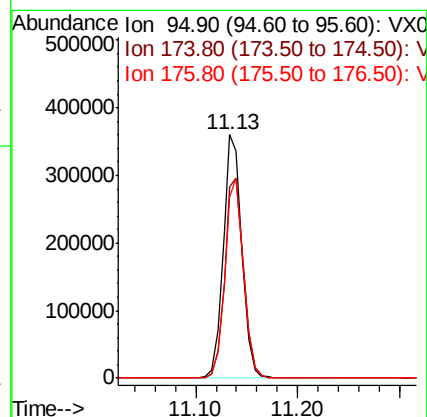
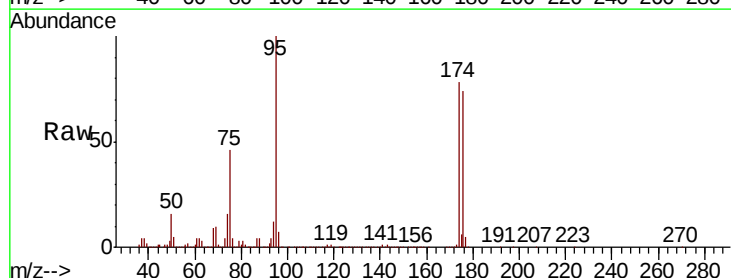
Tgt Ion: 95 Resp: 458244

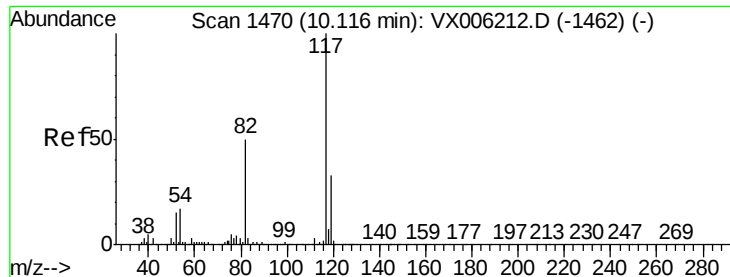
Ion Ratio Lower Upper

95 100

174 83.5 0.0 187.0

176 81.6 0.0 181.8

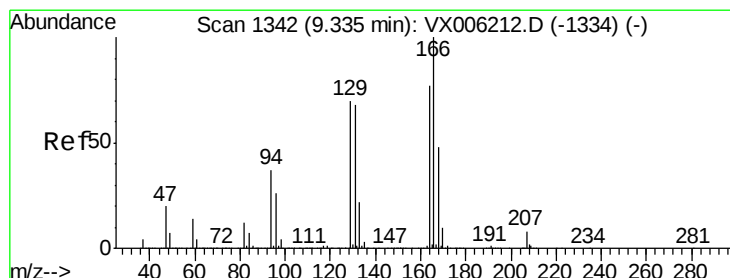
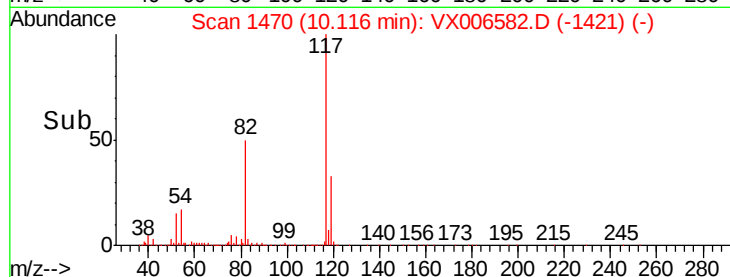
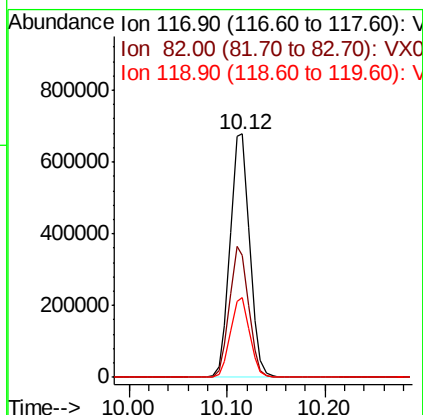
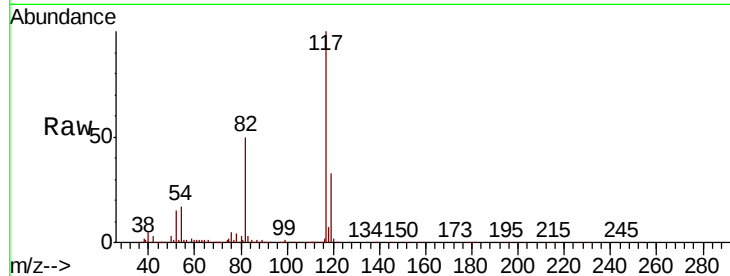




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

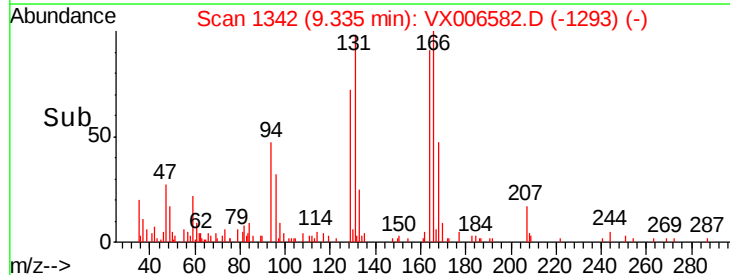
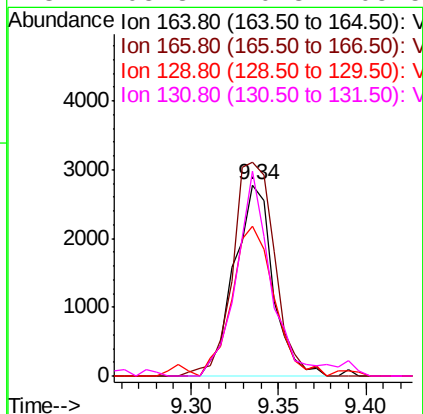
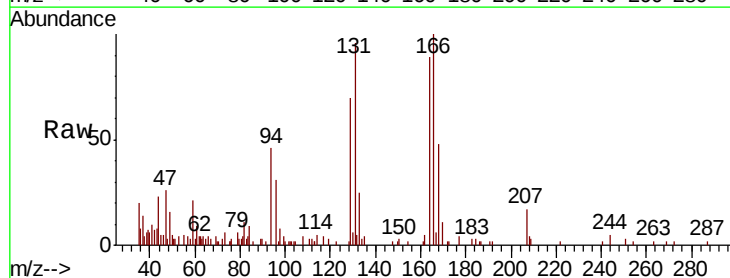
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210

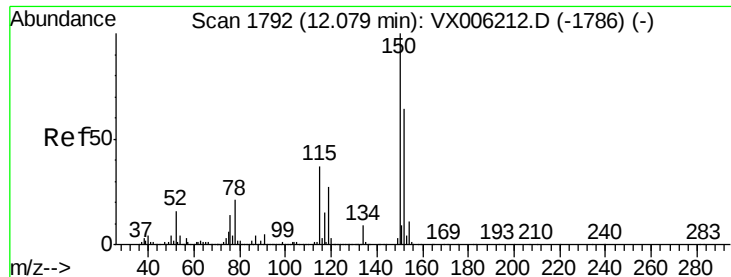
Tot Ion:117 Resp: 946463
Ion Ratio Lower Upper
117 100
82 50.4 39.6 59.4
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 0.599 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Tgt Ion:164 Resp: 4273
Ion Ratio Lower Upper
164 100
166 111.9 104.2 156.2
129 75.8 72.6 108.8
131 105.3 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: VX006582.D

Acq: 17 Dec 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20181210

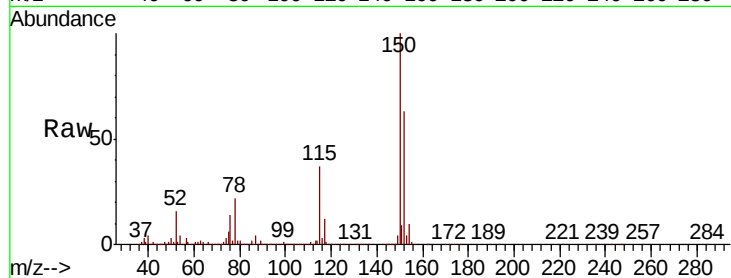
Tot Ion:152 Resp: 448068

Ion Ratio Lower Upper

152 100

115 58.6 39.0 116.9

150 159.4 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

