

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015166.D
 Acq On : 10 Mar 2020 13:26
 Operator : JC/SP
 Sample : L1842-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20200305

Quant Time: Mar 11 12:42:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

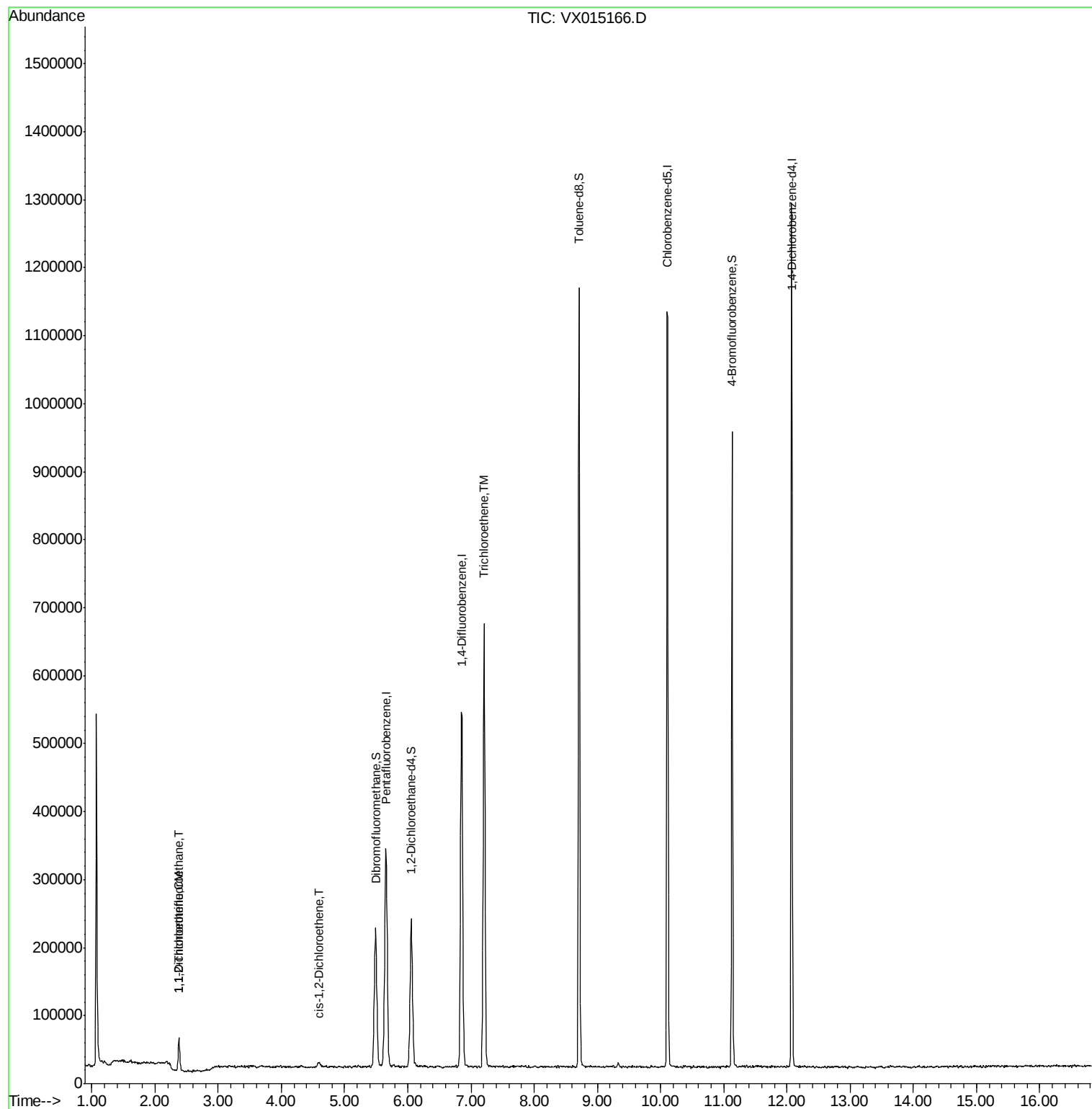
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	326197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	536124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	524177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	264018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	205220	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
35) Dibromofluoromethane	5.49	113	168656	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	8.71	98	655381	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.14	95	238453	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	17772	5.786	ug/l	97
12) 1,1-Dichloroethene	2.37	96	3067	0.968	ug/l #	75
27) cis-1,2-Dichloroethene	4.59	96	5188	1.366	ug/l	86
44) Trichloroethene	7.21	130	255075	62.288	ug/l	99

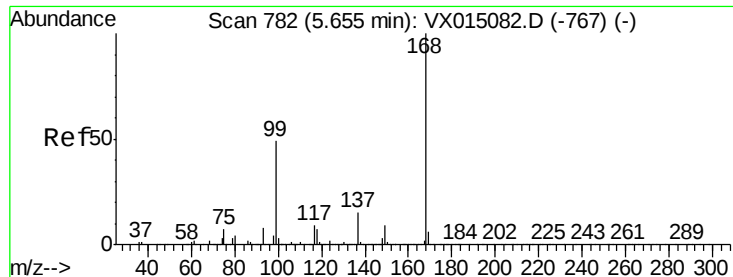
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

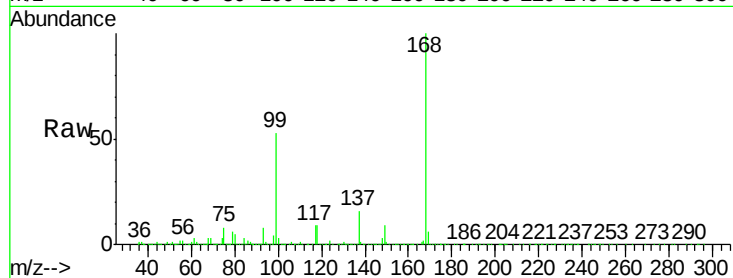
RE105D1-20200305

Tot Ion:168 Resp: 326197

Ion Ratio Lower Upper

168 100

99 52.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

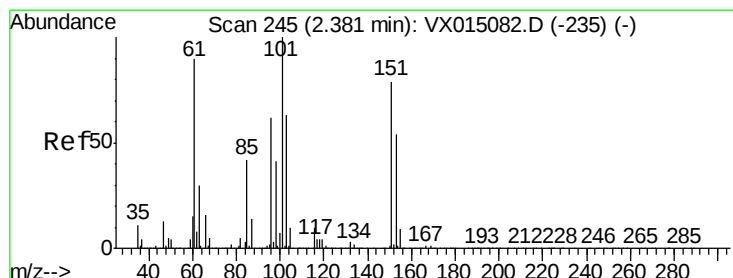
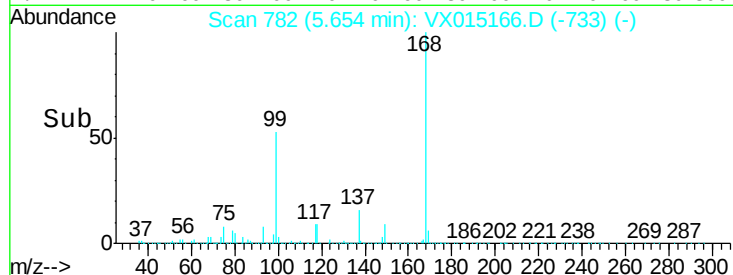
5.65

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.786 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

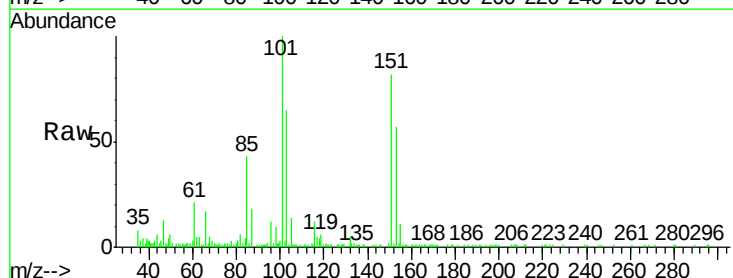
Tgt Ion:101 Resp: 17772

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

151 84.3 64.0 96.0



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

12000

10000

8000

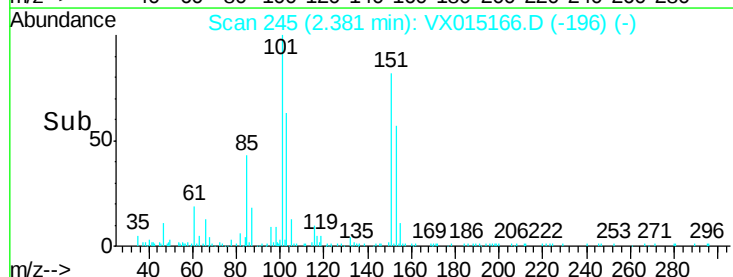
6000

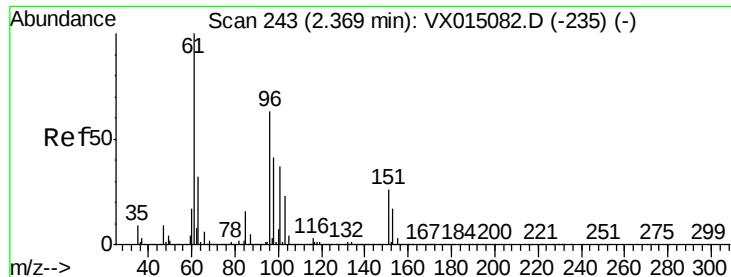
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.968 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20200305

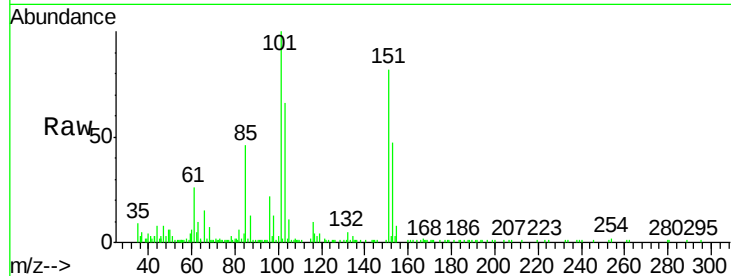
Tot Ion: 96 Resp: 3067

Ion Ratio Lower Upper

96 100

61 116.0 126.2 189.4#

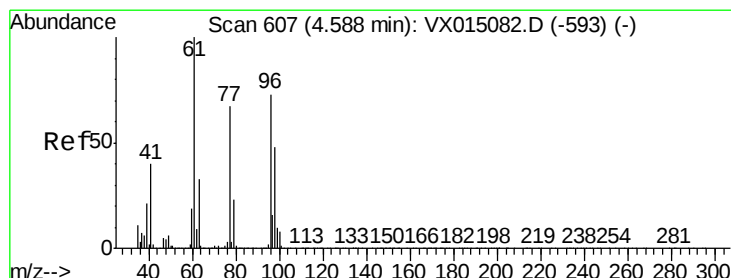
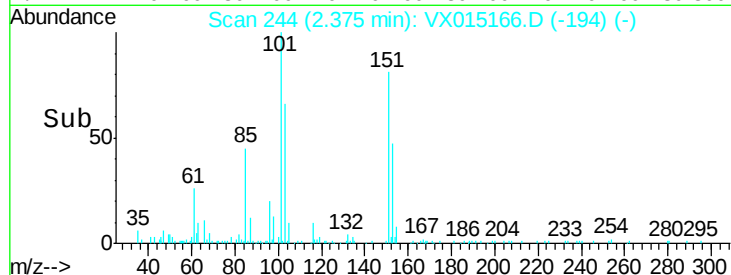
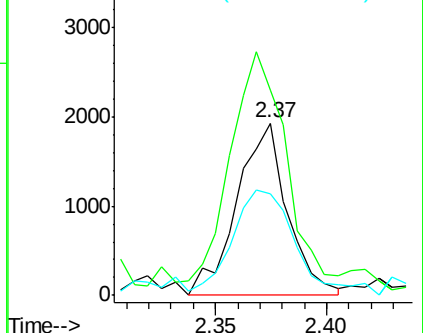
98 59.0 51.4 77.0



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: 1.366 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

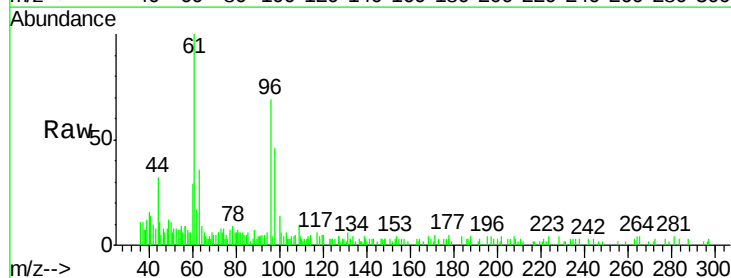
Tgt Ion: 96 Resp: 5188

Ion Ratio Lower Upper

96 100

61 128.0 0.0 286.8

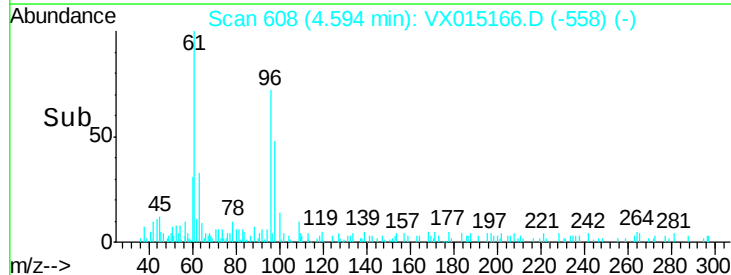
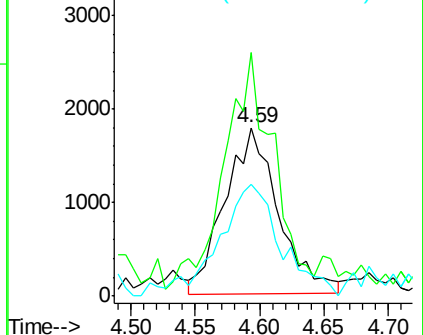
98 78.6 0.0 128.4

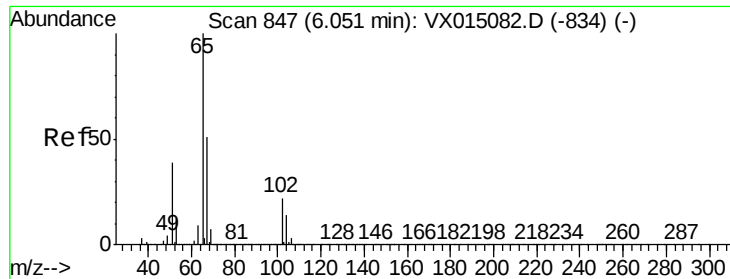


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.030 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

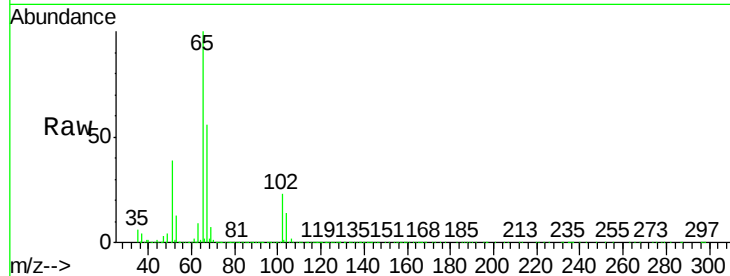
RE105D1-20200305

Tot Ion: 65 Resp: 205220

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

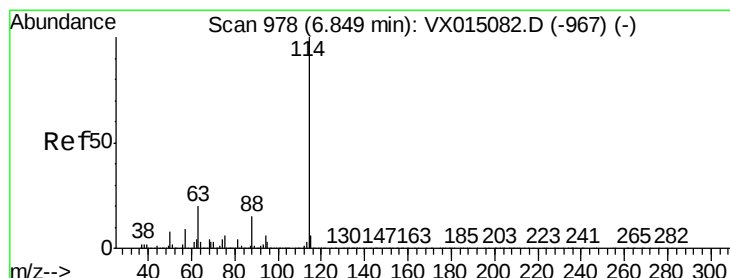
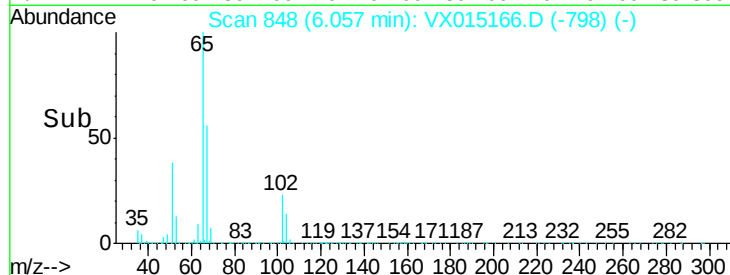
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

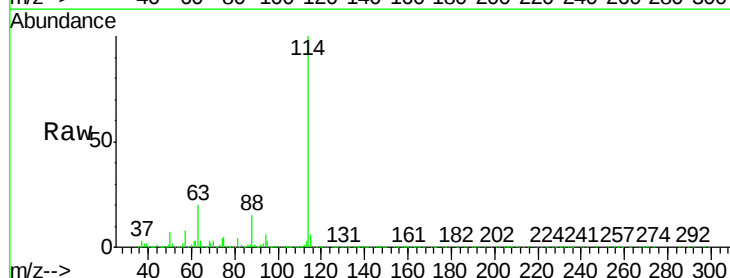
Tgt Ion: 114 Resp: 536124

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 14.6 0.0 30.6



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

300000

250000

200000

150000

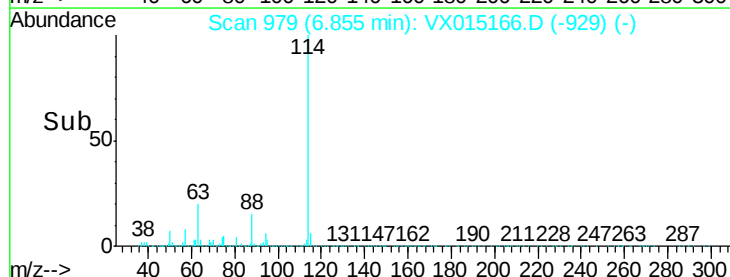
100000

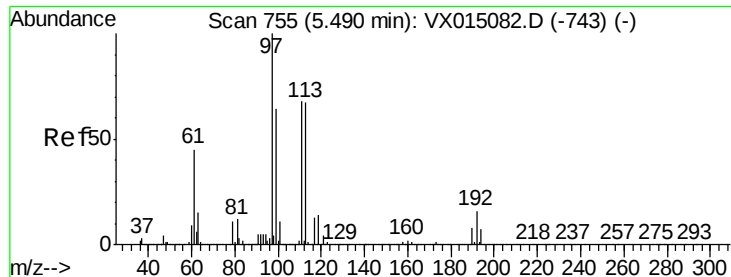
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.865 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20200305

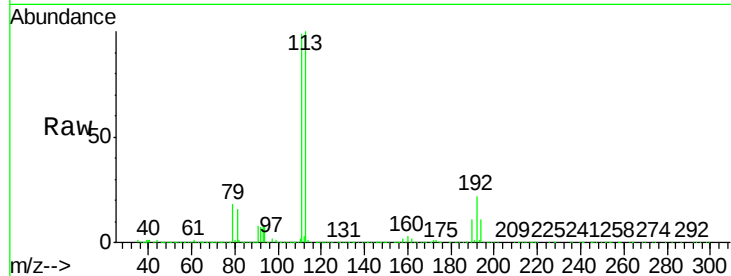
Tot Ion:113 Resp: 168656

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

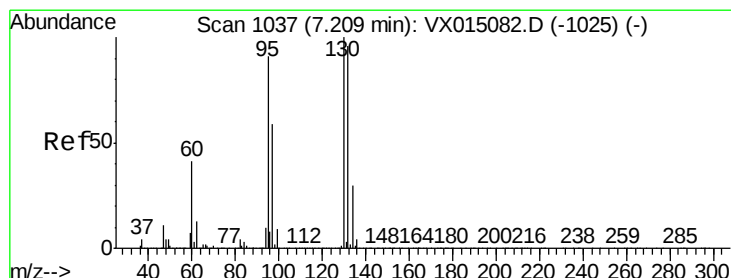
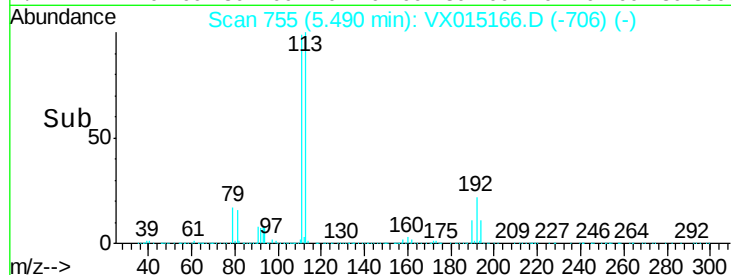
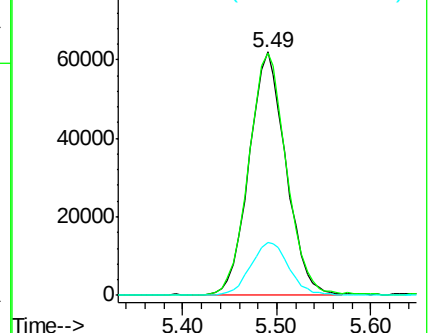
192 23.0 18.6 28.0



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: 62.288 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015166.D

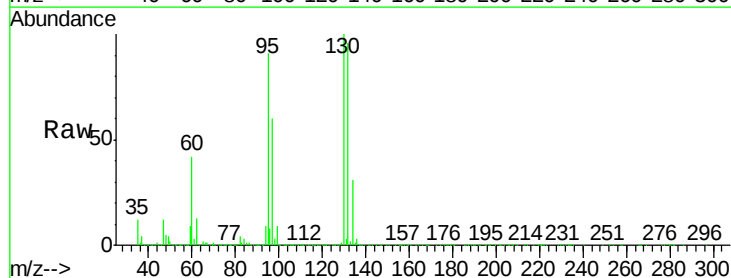
Acq: 10 Mar 2020 13:26

Tgt Ion:130 Resp: 255075

Ion Ratio Lower Upper

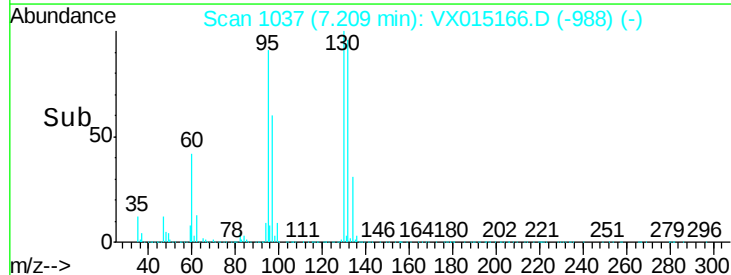
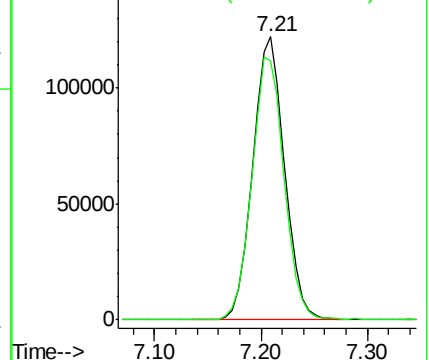
130 100

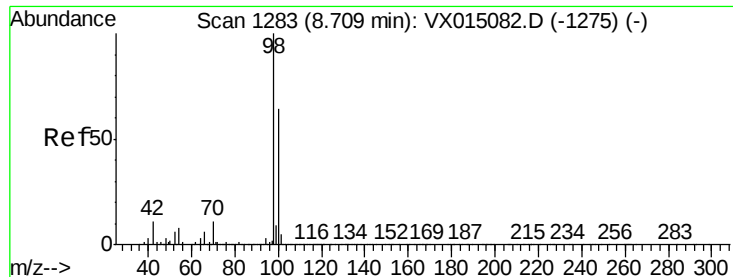
95 91.2 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.941 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

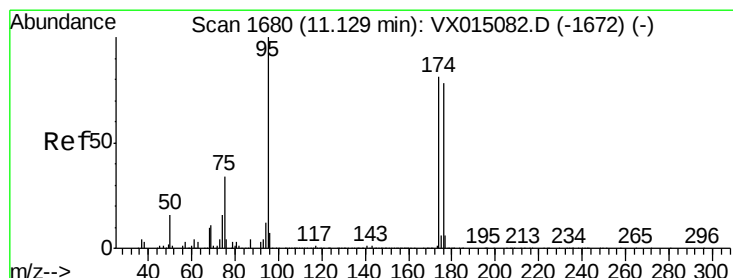
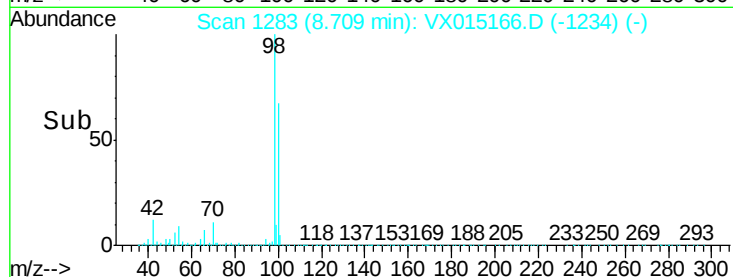
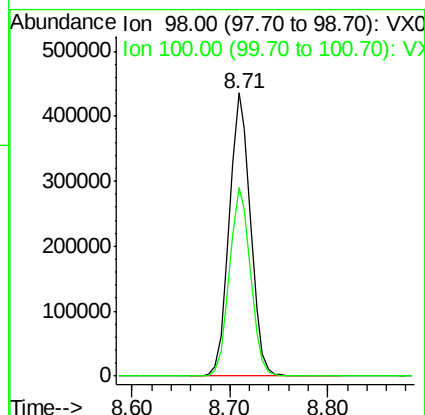
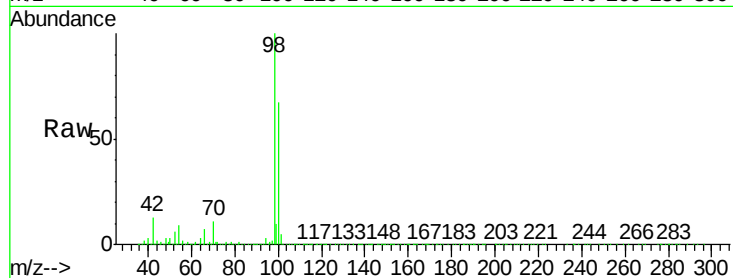
RE105D1-20200305

Tot Ion: 98 Resp: 655381

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.962 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

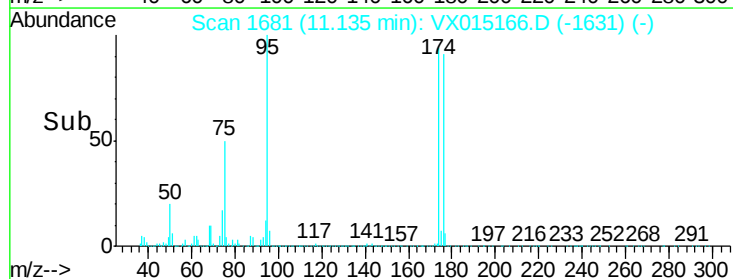
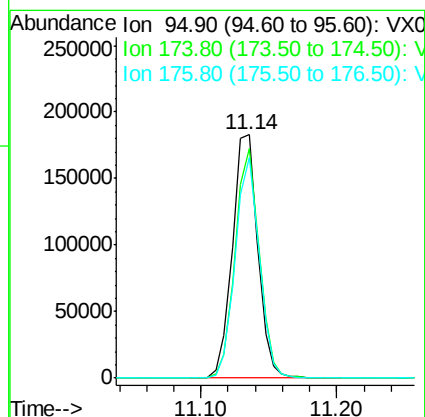
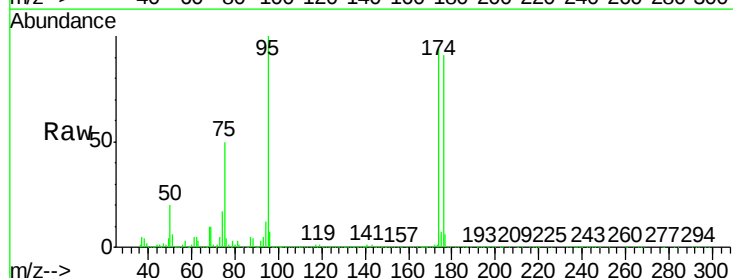
Tgt Ion: 95 Resp: 238453

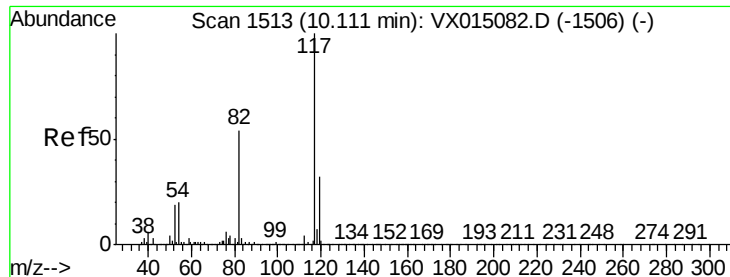
Ion Ratio Lower Upper

95 100

174 89.8 0.0 177.6

176 86.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20200305

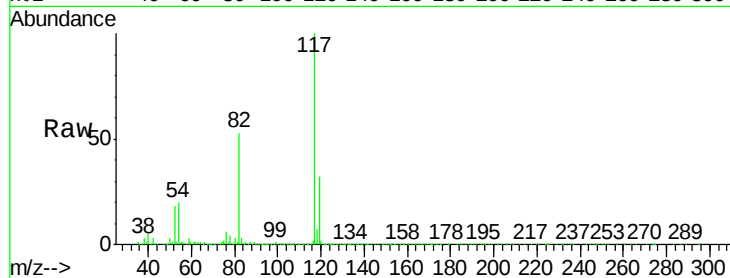
Tot Ion:117 Resp: 524177

Ion Ratio Lower Upper

117 100

82 53.3 43.3 64.9

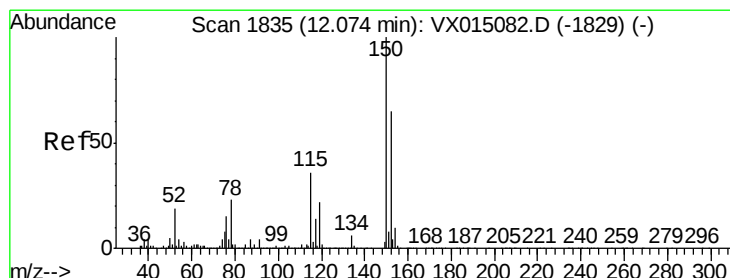
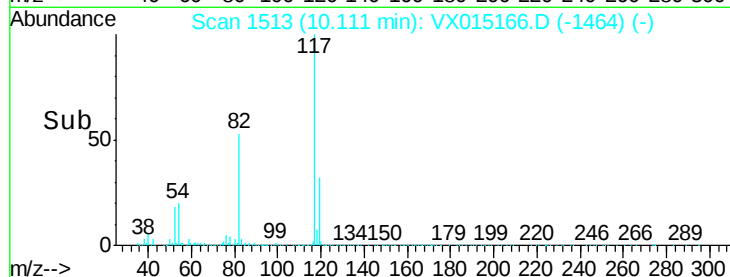
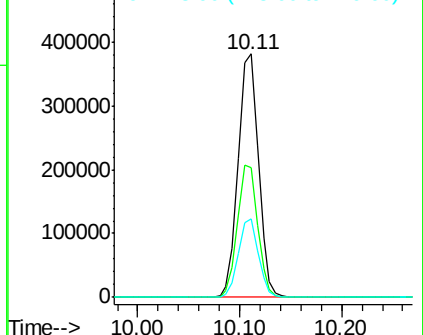
119 32.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015166.D

Acq: 10 Mar 2020 13:26

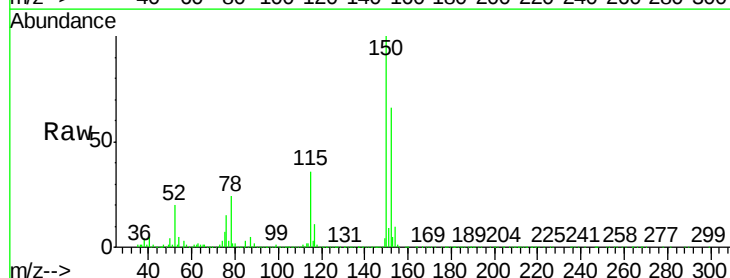
Tgt Ion:152 Resp: 264018

Ion Ratio Lower Upper

152 100

115 55.4 38.2 114.6

150 155.3 0.0 343.8



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

