

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015180.D
 Acq On : 10 Mar 2020 18:42
 Operator : JC/SP
 Sample : L1842-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20200305

Quant Time: Mar 11 09:27:42 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

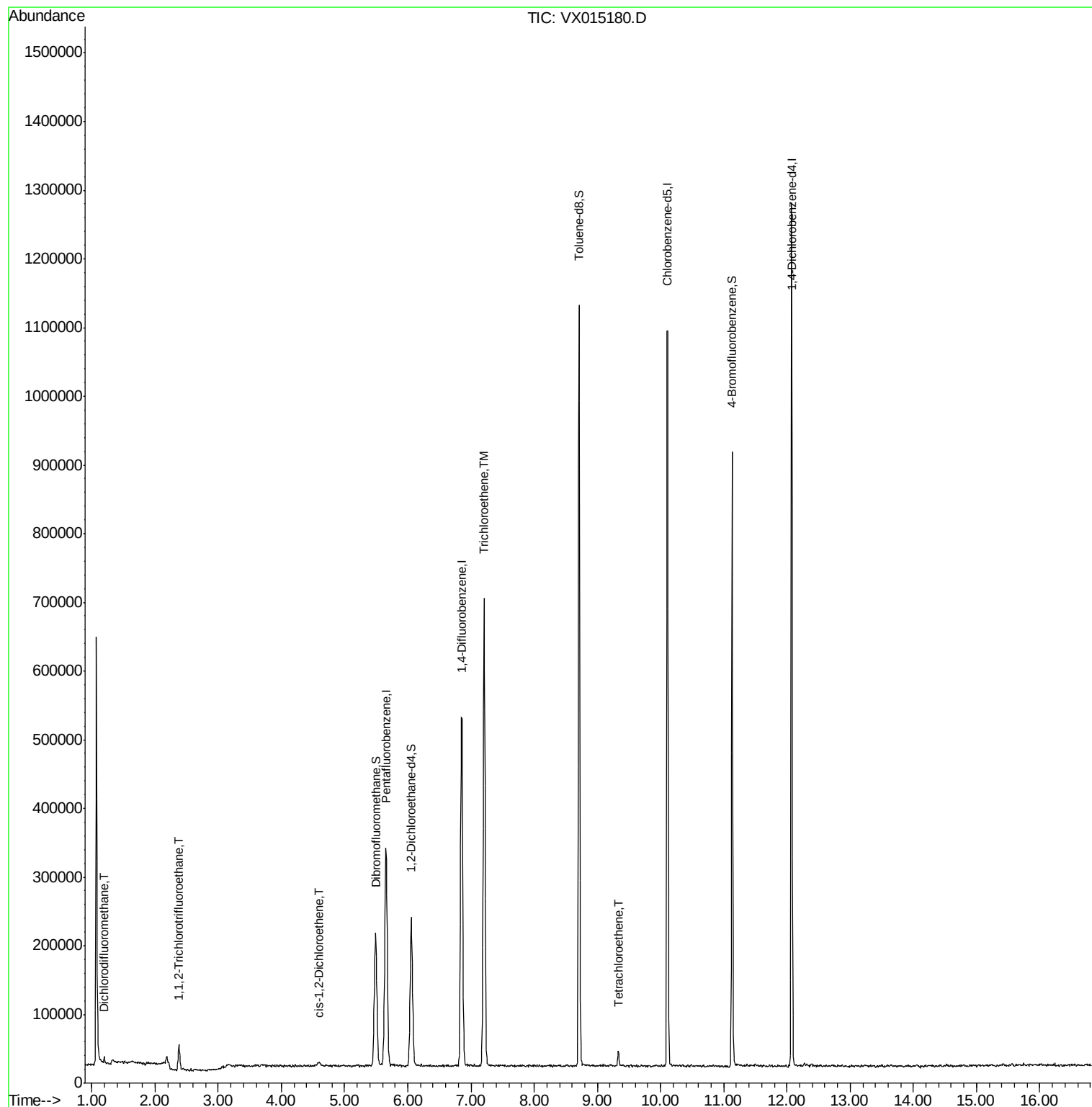
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	320684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	521350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	513198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	201485	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
35) Dibromofluoromethane	5.49	113	167400	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	8.71	98	646044	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.14	95	232609	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
Target Compounds						
2) Dichlorodifluoromethane	1.19	85	3743	1.333	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	14843	4.916	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	4941	1.324	ug/l	89
44) Trichloroethene	7.21	130	266953	67.036	ug/l	98
64) Tetrachloroethene	9.33	164	4702	1.108	ug/l	94

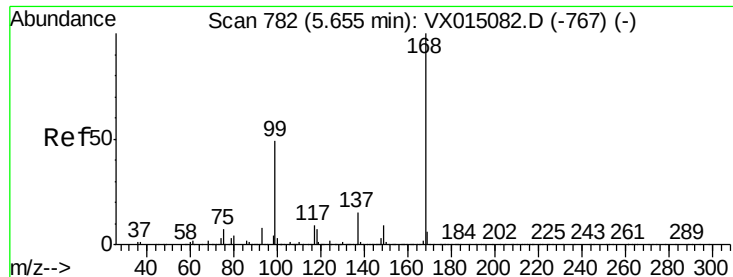
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015180.D

Acq: 10 Mar 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

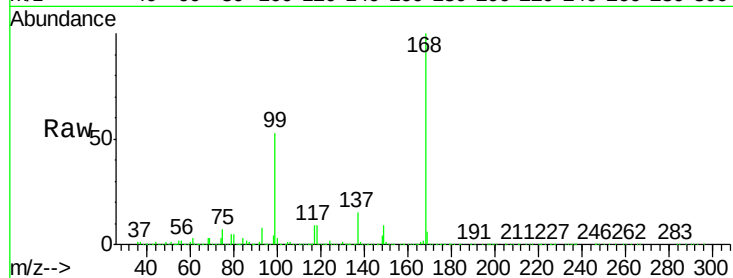
RE132D3-20200305

Tot Ion:168 Resp: 320684

Ion Ratio Lower Upper

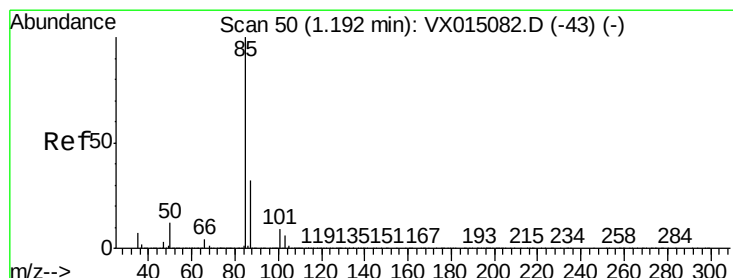
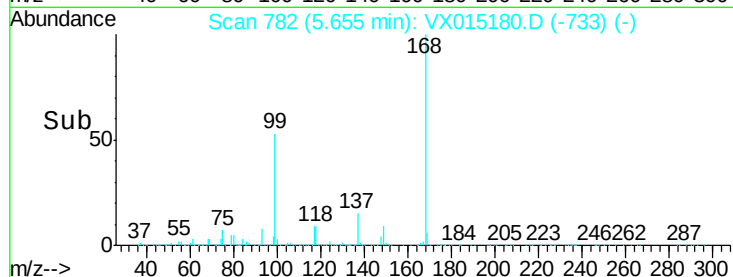
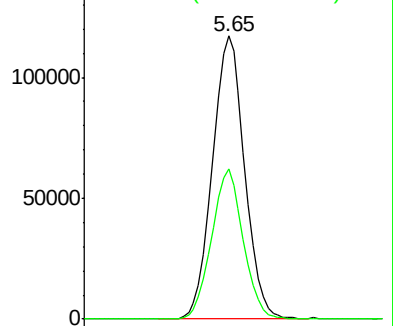
168 100

99 52.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.333 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015180.D

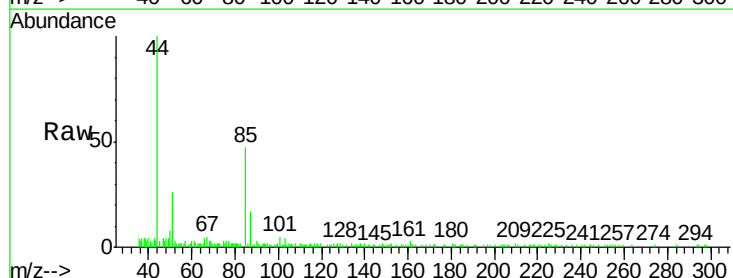
Acq: 10 Mar 2020 18:42

Tgt Ion: 85 Resp: 3743

Ion Ratio Lower Upper

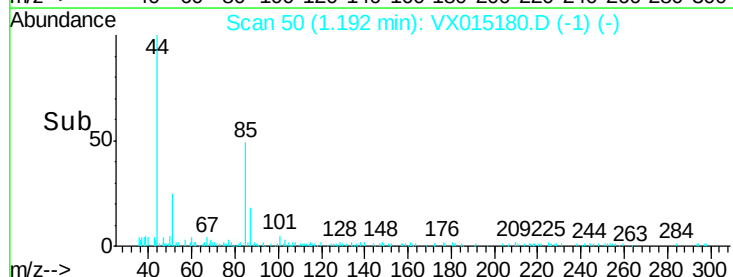
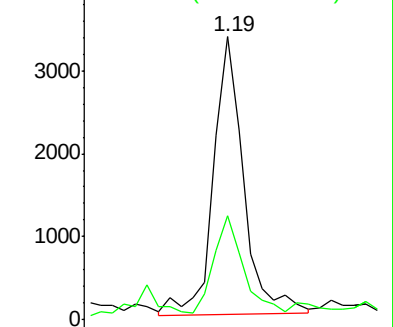
85 100

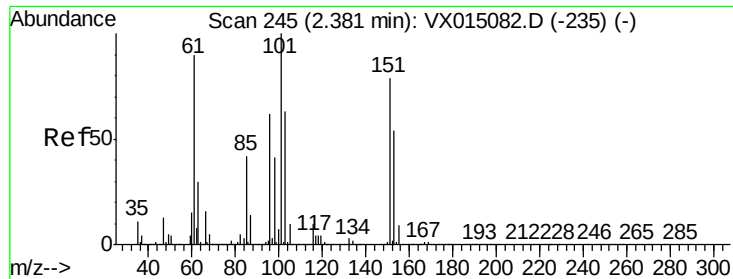
87 33.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.916 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015180.D

Acq: 10 Mar 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20200305

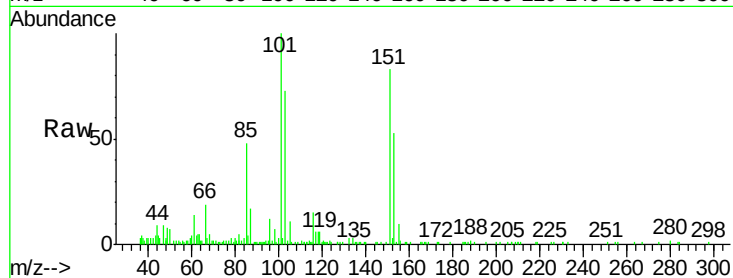
Tot Ion:101 Resp: 14843

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

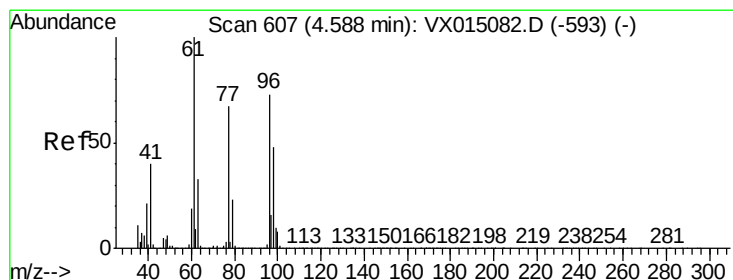
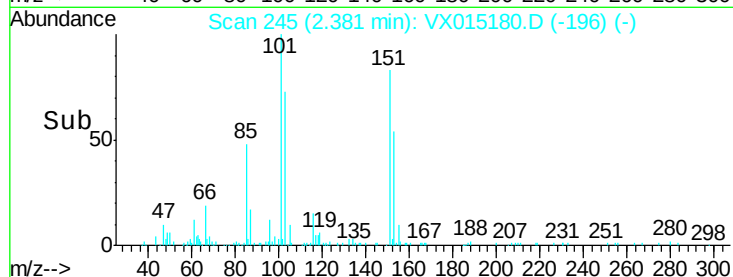
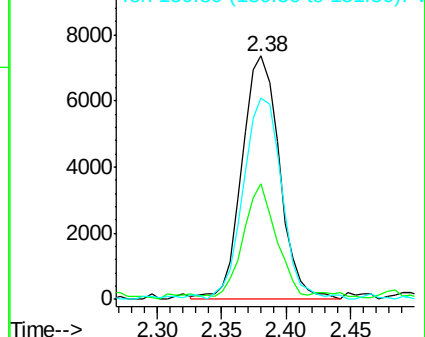
151 85.9 64.0 96.0



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



#27

cis-1,2-Dichloroethene

Concen: 1.324 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015180.D

Acq: 10 Mar 2020 18:42

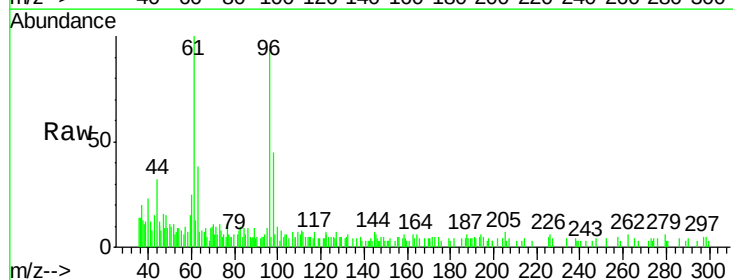
Tgt Ion: 96 Resp: 4941

Ion Ratio Lower Upper

96 100

61 133.9 0.0 286.8

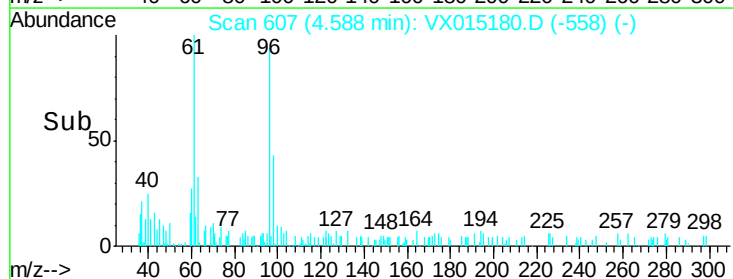
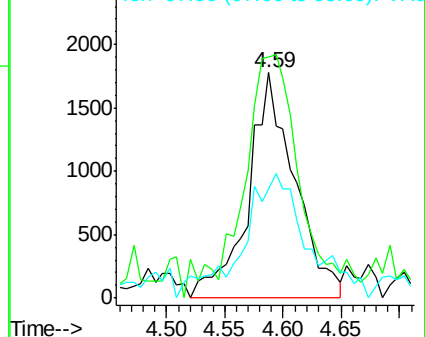
98 77.5 0.0 128.4

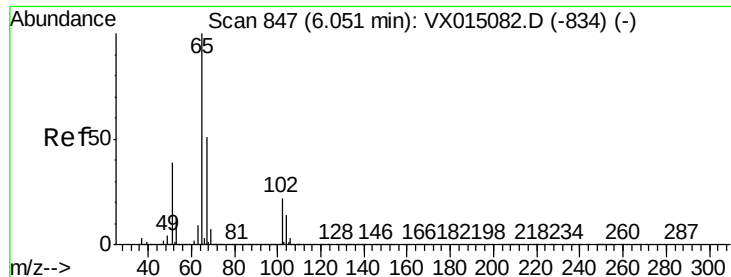


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

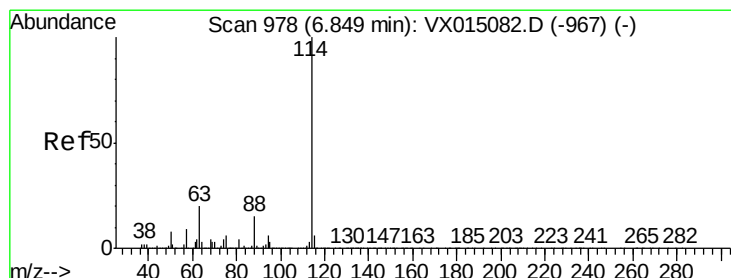
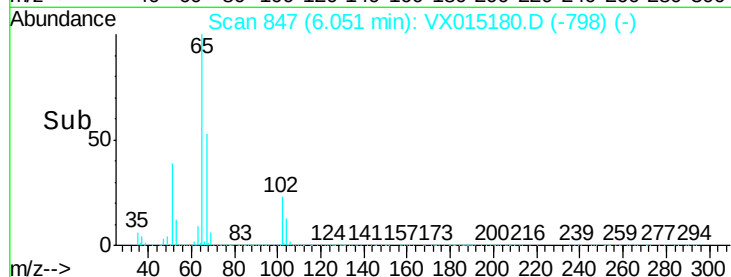
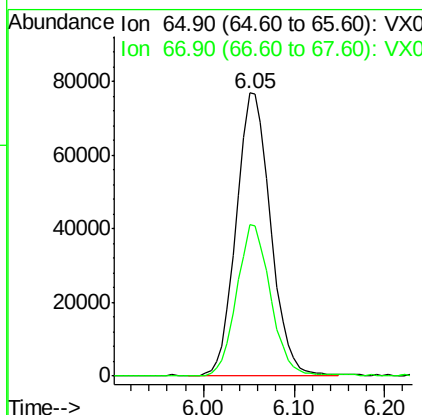
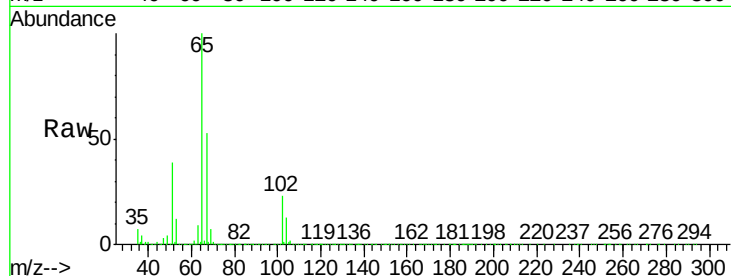




#33
 1,2-Dichloroethane-d4
 Concen: 52.959 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015180.D
 Acq: 10 Mar 2020 18:42

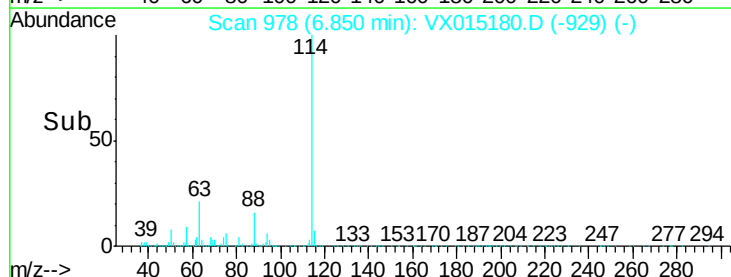
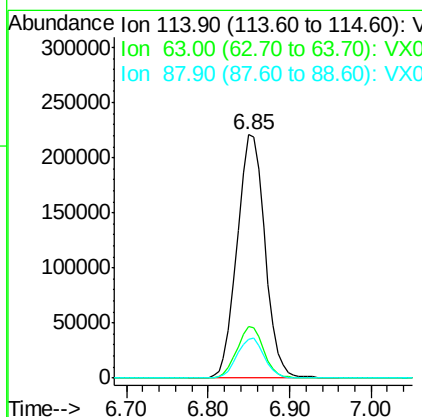
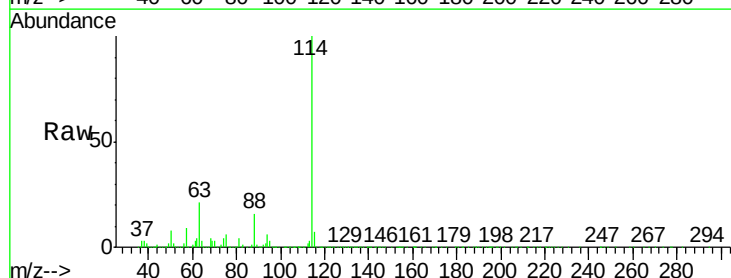
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20200305

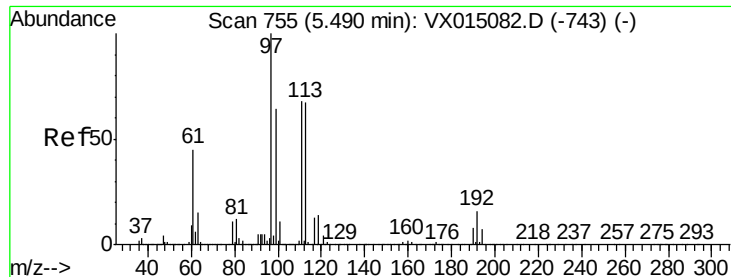
Tot Ion: 65 Resp: 201485
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015180.D
 Acq: 10 Mar 2020 18:42

Tgt Ion: 114 Resp: 521350
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.0
 88 15.9 0.0 30.6

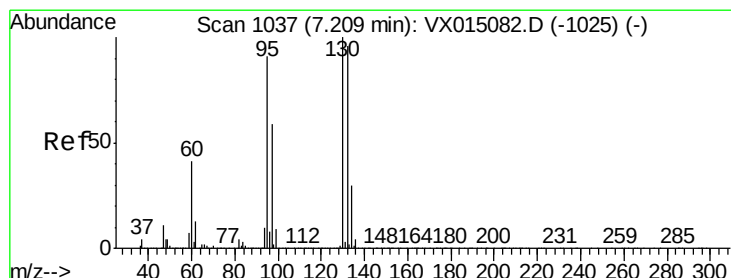
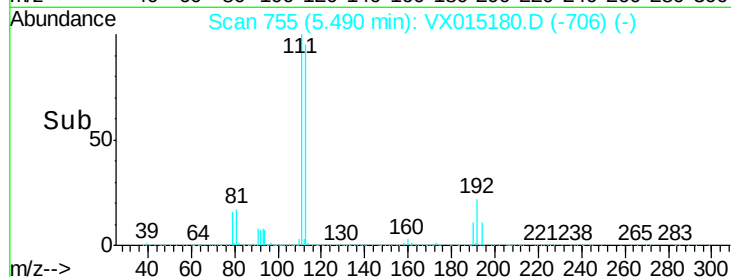
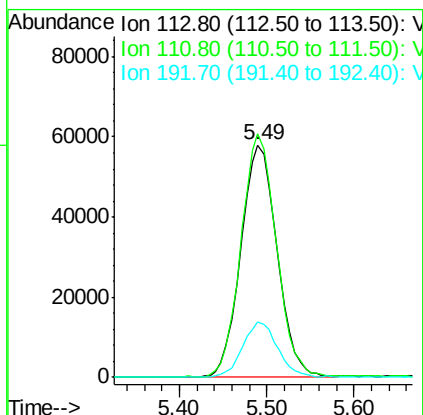
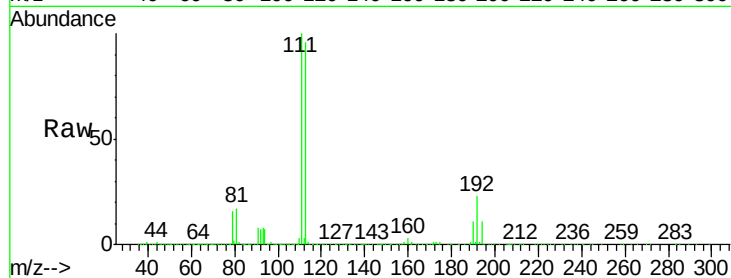




#35
Dibromofluoromethane
Concen: 50.896 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015180.D
Acq: 10 Mar 2020 18:42

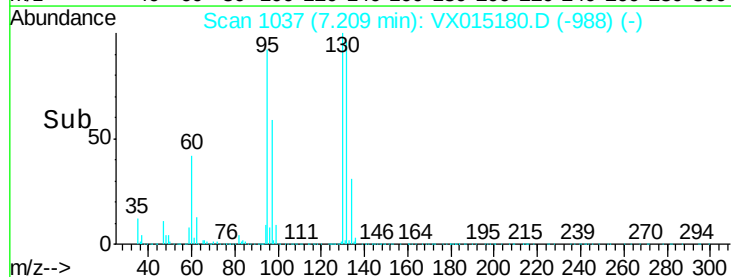
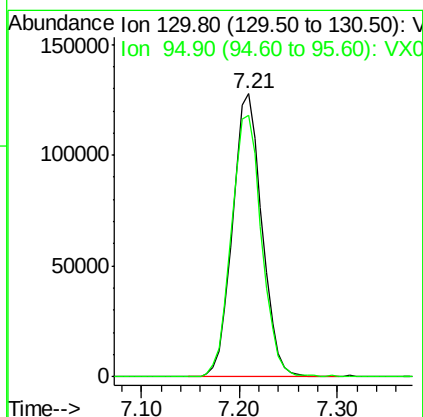
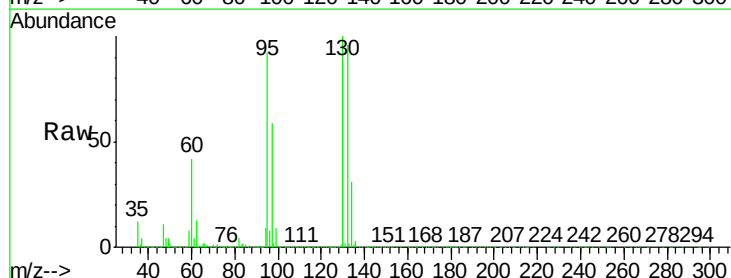
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20200305

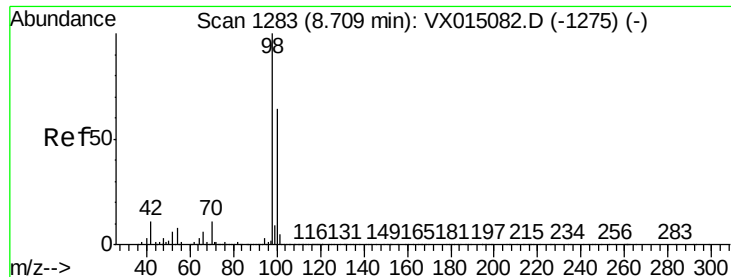
Tot Ion:113 Resp: 167400
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 23.0 18.6 28.0



#44
Trichloroethene
Concen: 67.036 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015180.D
Acq: 10 Mar 2020 18:42

Tgt Ion:130 Resp: 266953
Ion Ratio Lower Upper
130 100
95 92.2 0.0 181.2





#50

Toluene-d8

Concen: 51.638 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015180.D

Acq: 10 Mar 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

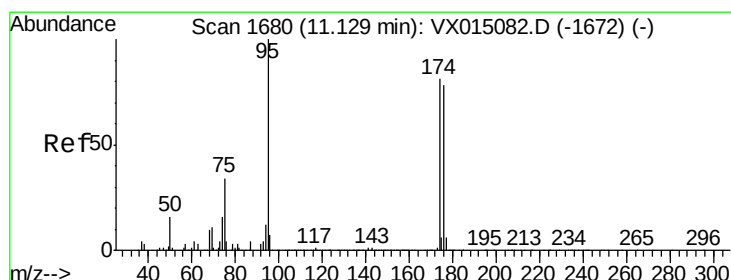
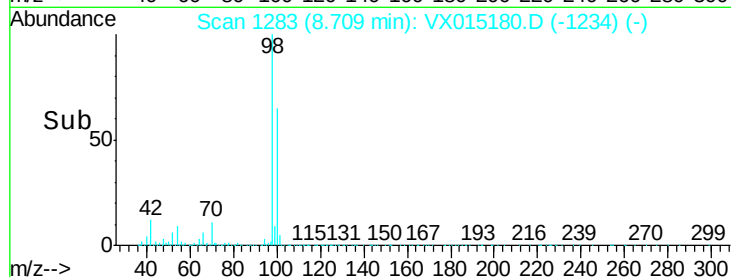
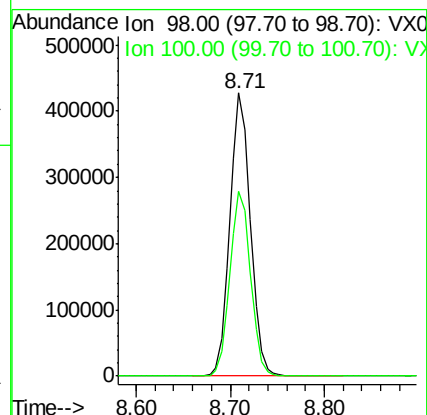
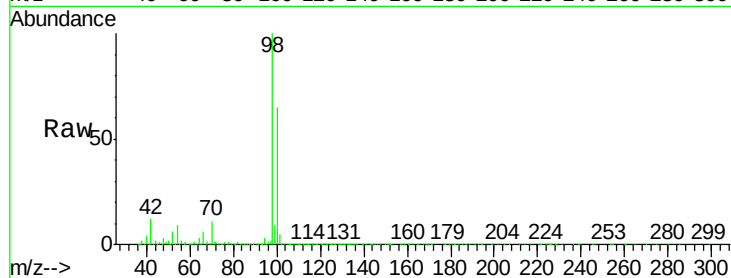
RE132D3-20200305

Tot Ion: 98 Resp: 646044

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.125 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015180.D

Acq: 10 Mar 2020 18:42

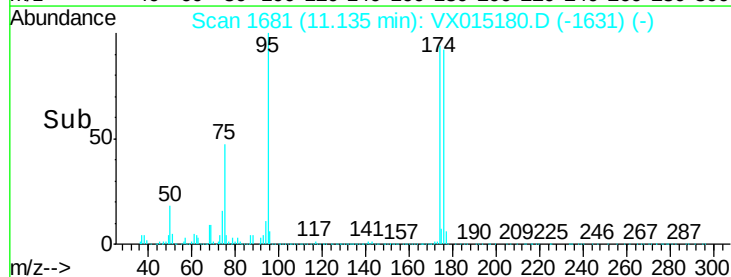
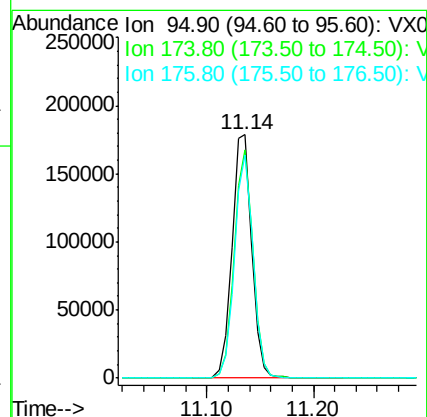
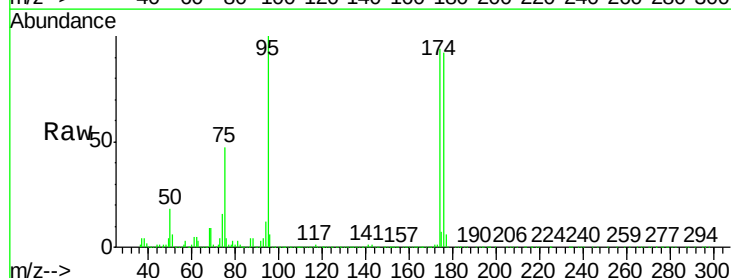
Tgt Ion: 95 Resp: 232609

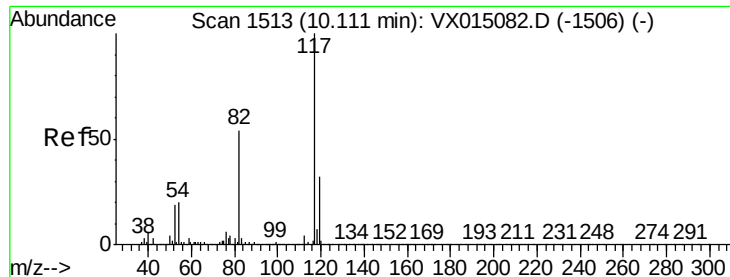
Ion Ratio Lower Upper

95 100

174 89.8 0.0 177.6

176 87.0 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: VX015180.D

Acq: 10 Mar 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20200305

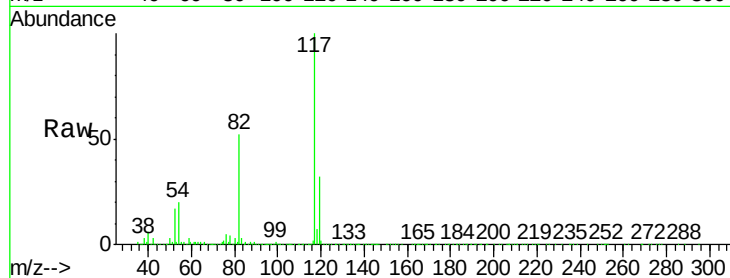
Tot Ion:117 Resp: 513198

Ion Ratio Lower Upper

117 100

82 51.5 43.3 64.9

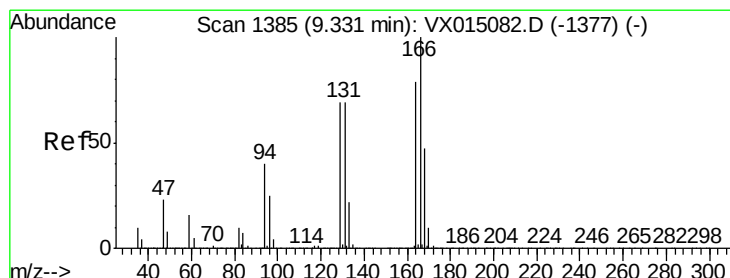
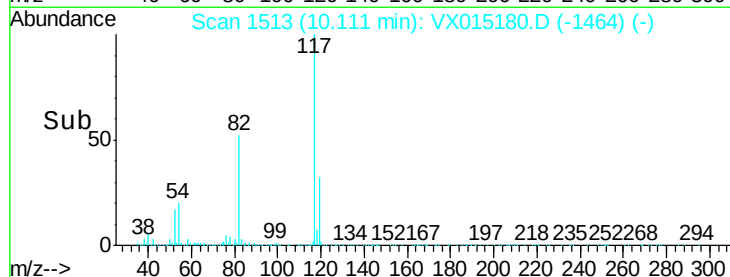
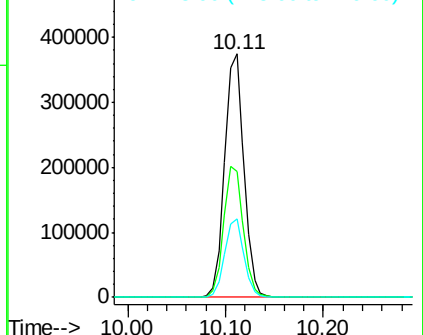
119 32.2 25.8 38.8



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



#64

Tetrachloroethene

Concen: 1.108 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015180.D

Acq: 10 Mar 2020 18:42

Tgt Ion:164 Resp: 4702

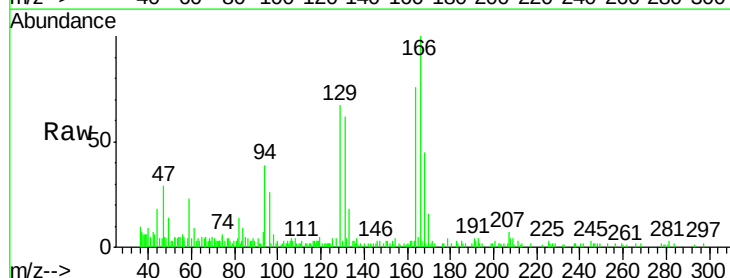
Ion Ratio Lower Upper

164 100

166 134.8 101.1 151.7

129 88.5 69.4 104.0

131 81.1 69.8 104.8

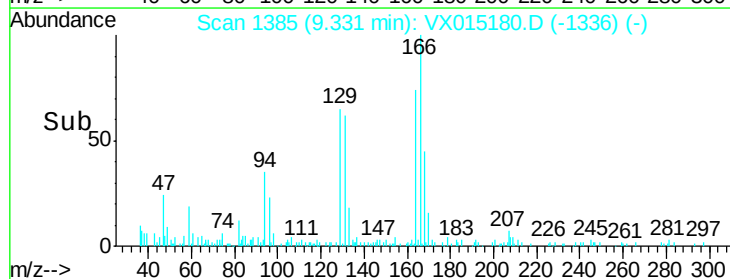
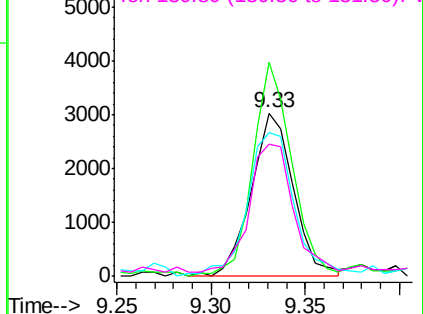


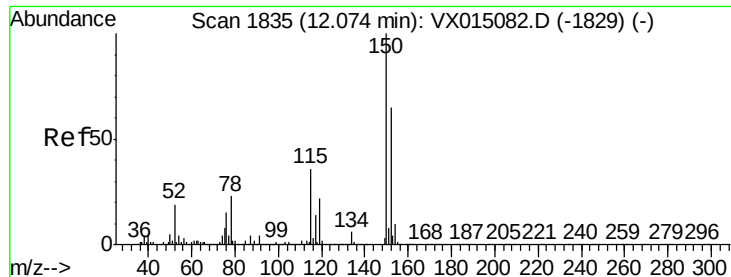
Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015180.D

Acq: 10 Mar 2020 18:42

Instrument :

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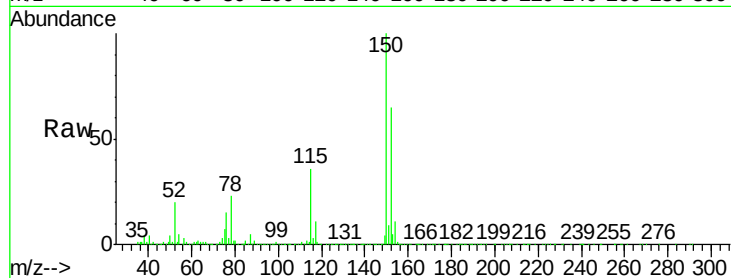
Tot Ion:152 Resp: 261710

Ion Ratio Lower Upper

152 100

115 55.6 38.2 114.6

150 154.4 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

