

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012451.D
 Acq On : 17 Sep 2019 23:01
 Operator : JC/SP
 Sample : K4858-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20190909

Quant Time: Sep 18 04:46:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

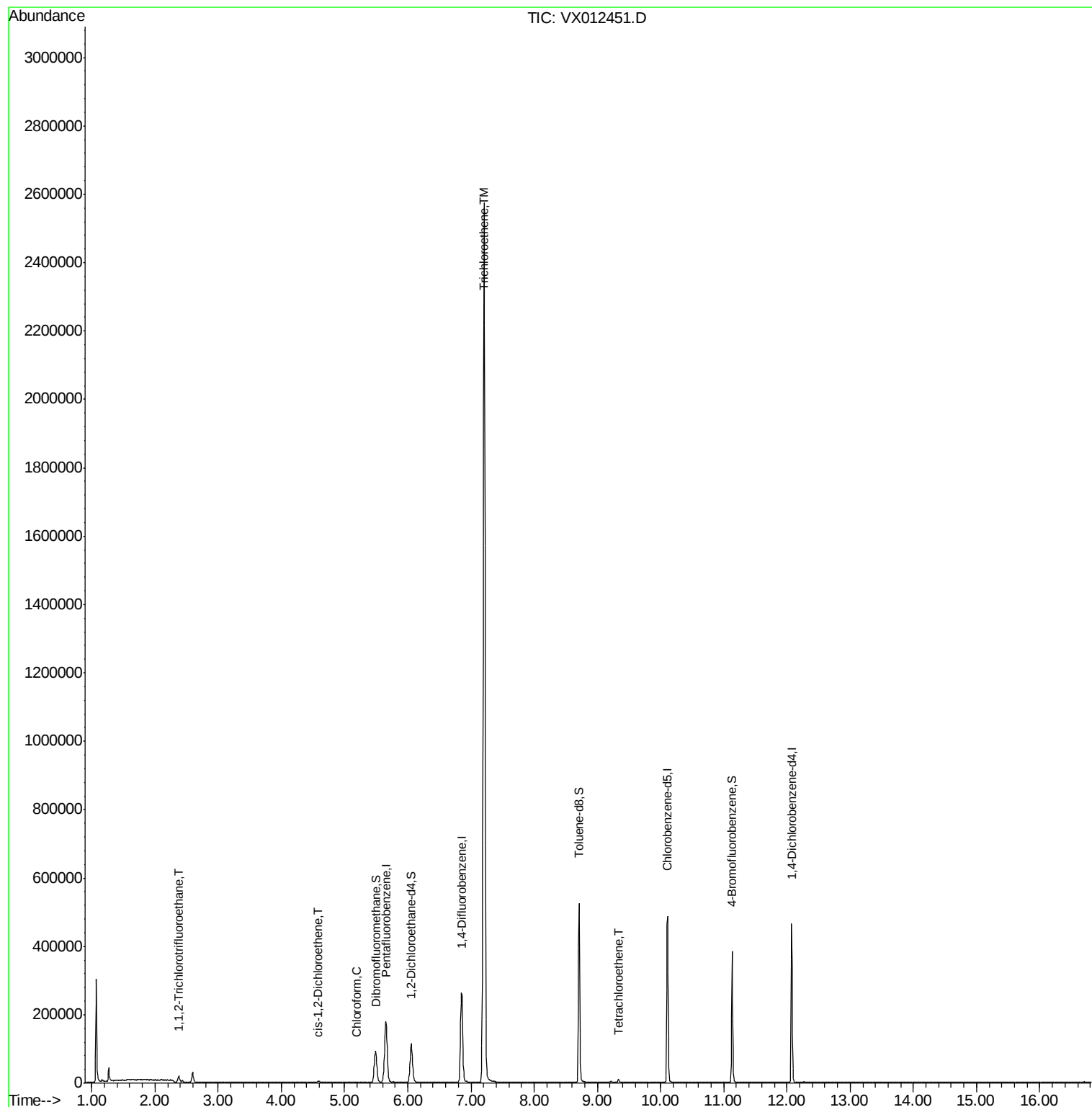
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	254467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	110357	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.49	113	78147	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	8.71	98	297817	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.14	95	106011	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6287	5.046	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	2050	1.330	ug/l	83
30) Chloroform	5.20	83	1859	0.624	ug/l	97
44) Trichloroethene	7.21	130	962041	743.654	ug/l	96
64) Tetrachloroethene	9.33	164	1332	1.331	ug/l #	81

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

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QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012451.D

Acq: 17 Sep 2019 23:01

Instrument :

MSVOA_X

ClientSampleId :

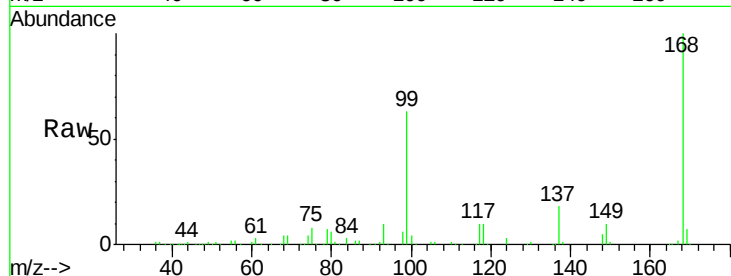
RE103D3-20190909

Tot Ion:168 Resp: 158076

Ion Ratio Lower Upper

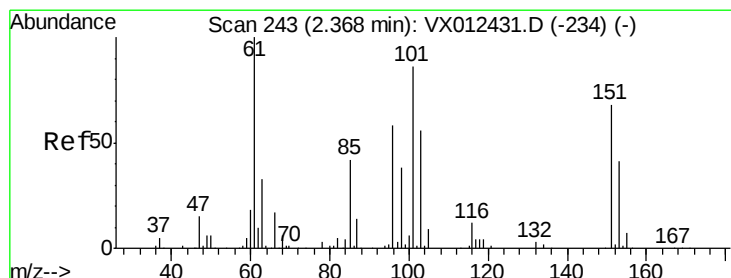
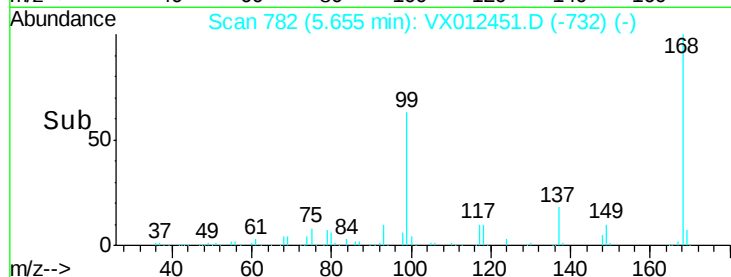
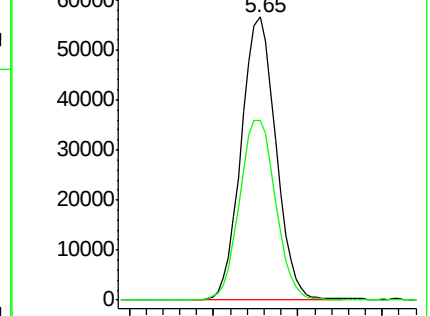
168 100

99 63.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.046 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012451.D

Acq: 17 Sep 2019 23:01

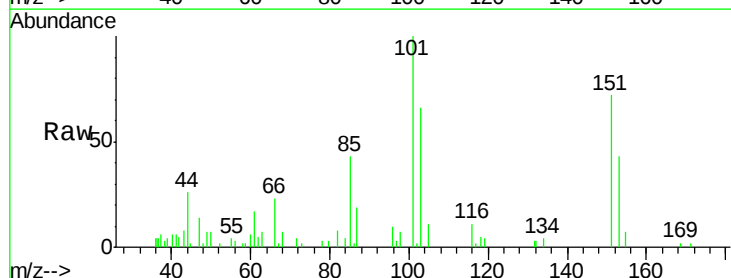
Tgt Ion:101 Resp: 6287

Ion Ratio Lower Upper

101 100

85 44.1 37.3 55.9

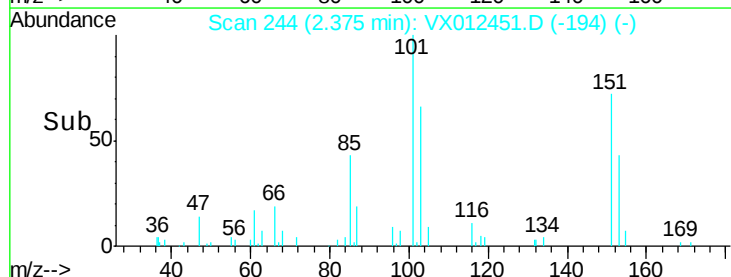
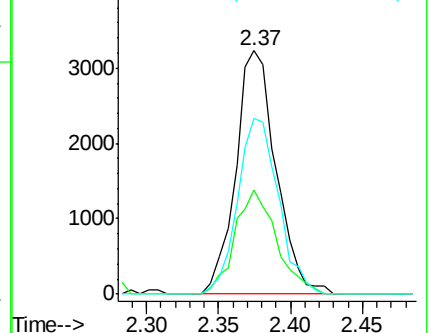
151 72.9 61.0 91.4

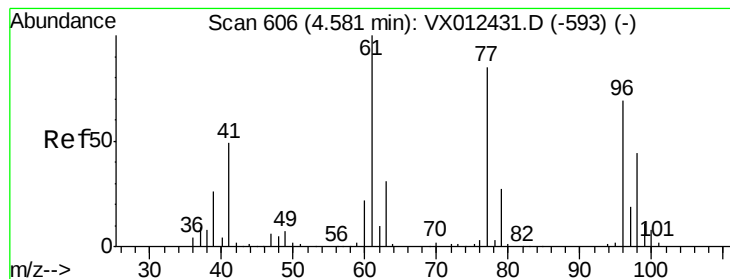


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#27

cis-1,2-Dichloroethene

Concen: 1.330 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012451.D

Acq: 17 Sep 2019 23:01

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ClientSampleId :

RE103D3-20190909

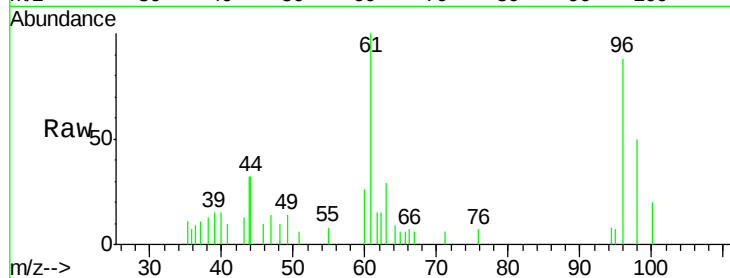
Tot Ion: 96 Resp: 2050

Ion Ratio Lower Upper

96 100

61 130.7 0.0 319.4

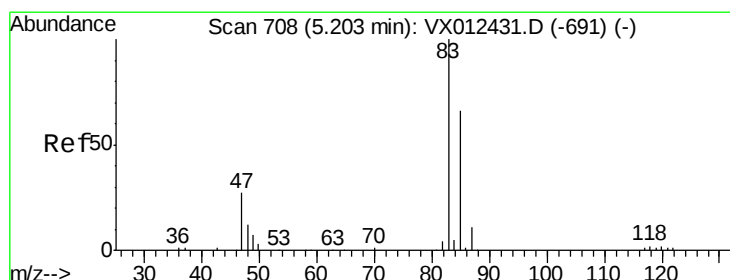
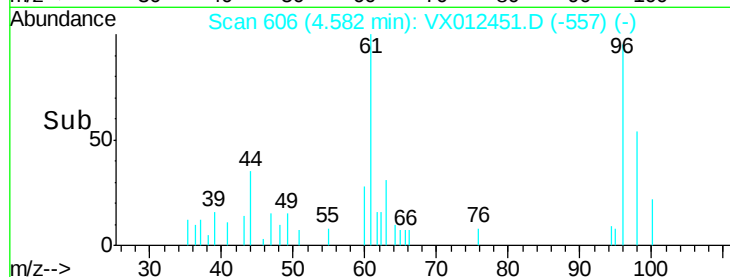
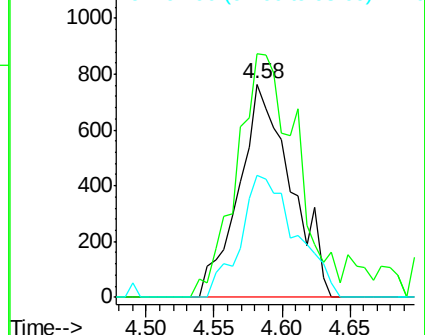
98 61.0 0.0 130.6



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



#30

Chloroform

Concen: 0.624 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012451.D

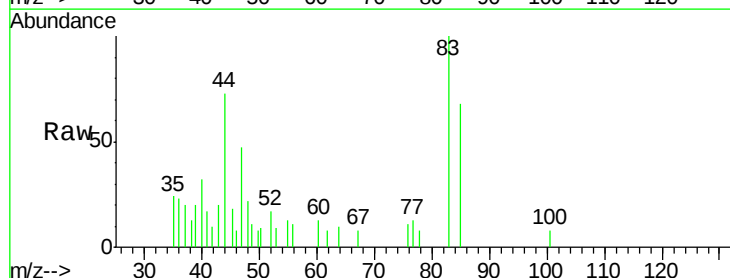
Acq: 17 Sep 2019 23:01

Tgt Ion: 83 Resp: 1859

Ion Ratio Lower Upper

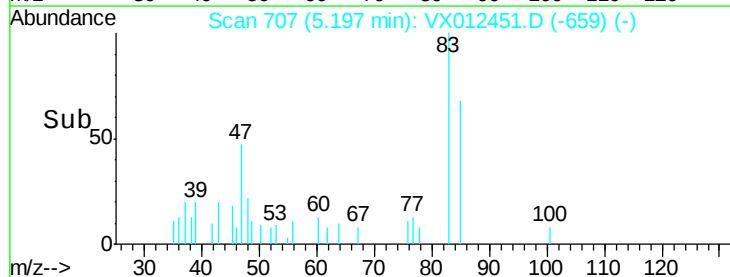
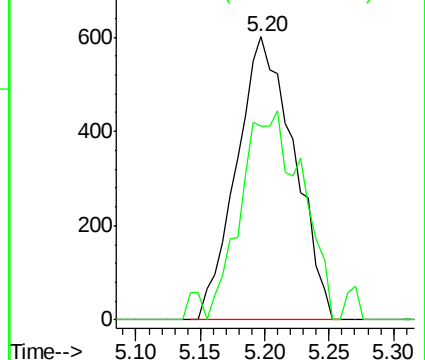
83 100

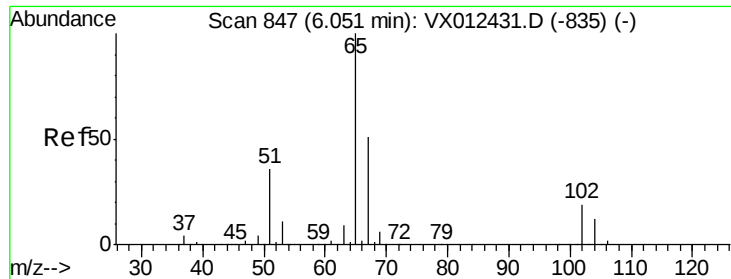
85 68.2 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

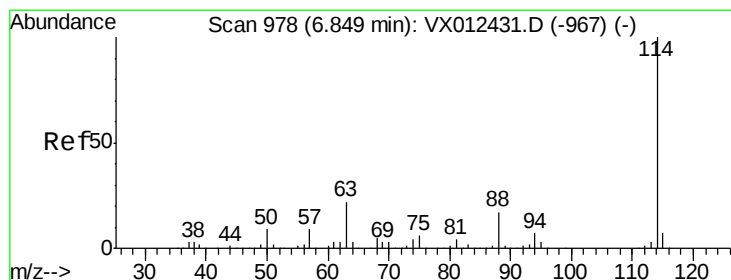
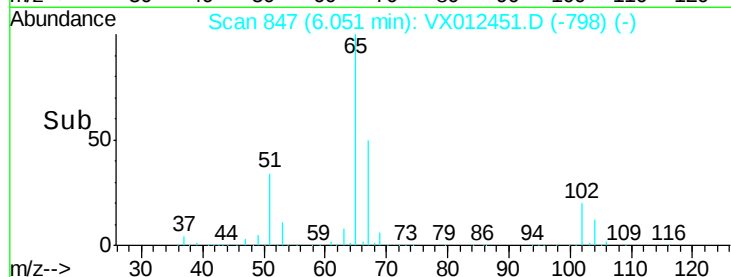
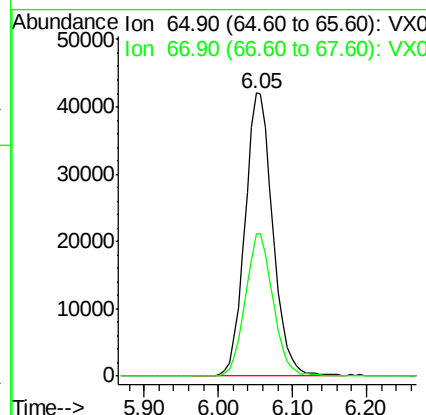
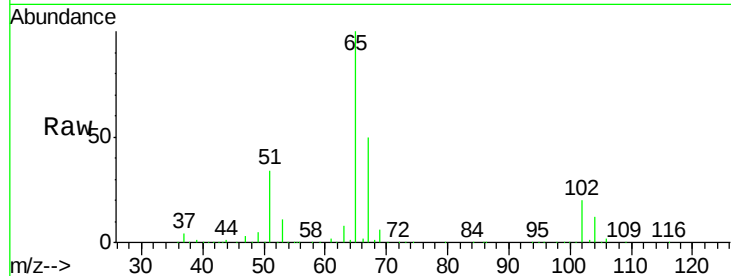




#33
 1,2-Dichloroethane-d4
 Concen: 48.711 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012451.D
 Acq: 17 Sep 2019 23:01

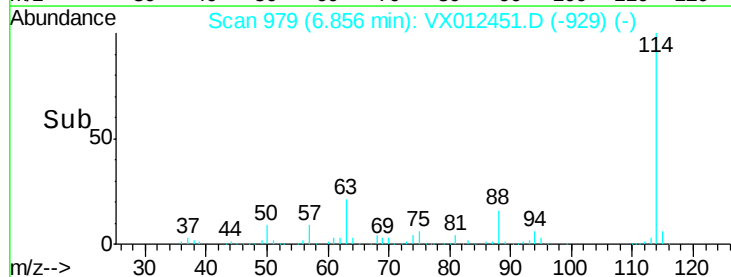
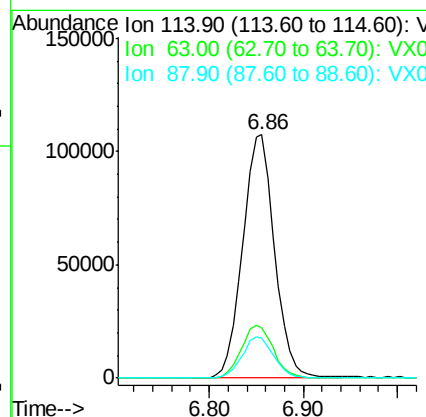
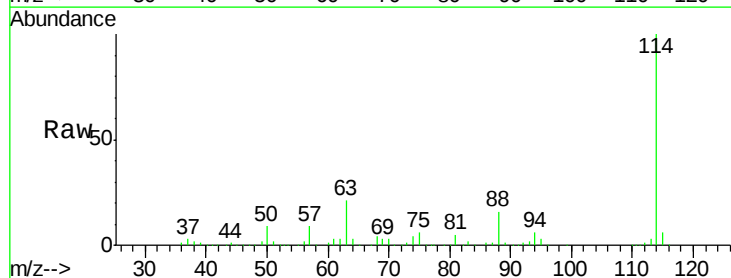
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20190909

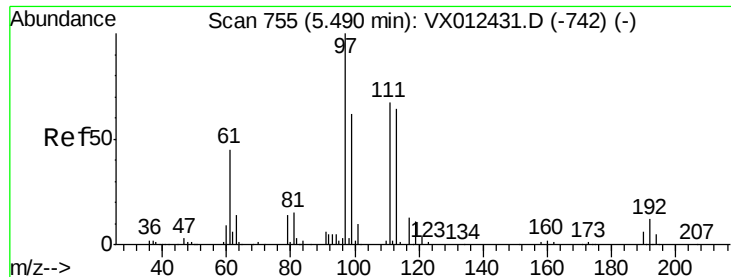
Tot Ion: 65 Resp: 110357
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012451.D
 Acq: 17 Sep 2019 23:01

Tgt Ion: 114 Resp: 254467
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 16.3 0.0 33.2

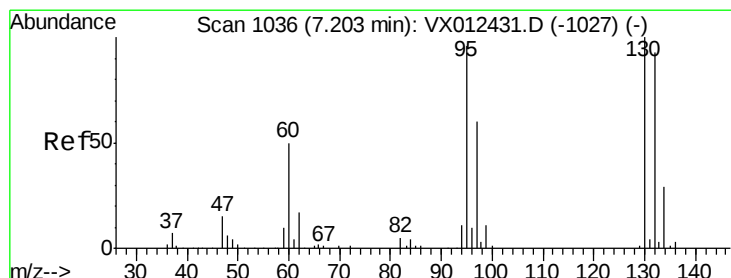
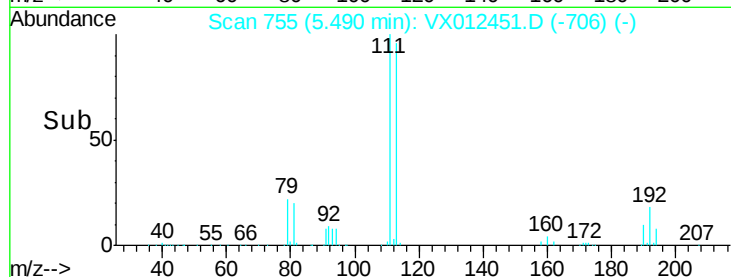
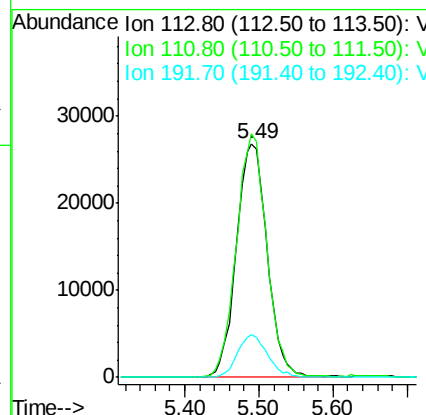
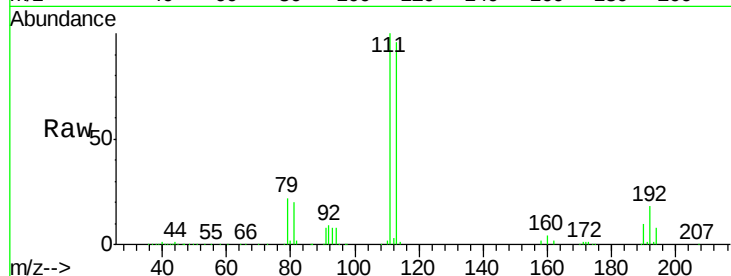




#35
Dibromofluoromethane
Concen: 50.739 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012451.D
Acq: 17 Sep 2019 23:01

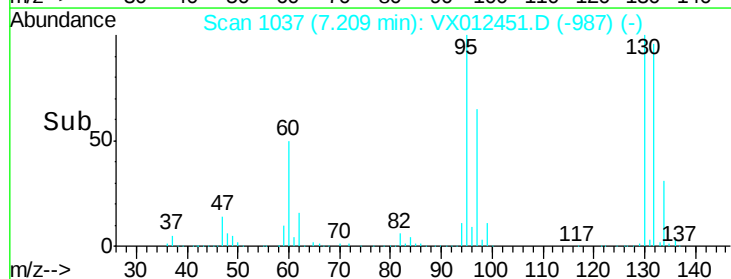
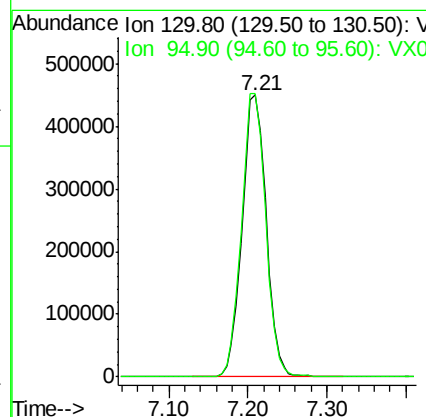
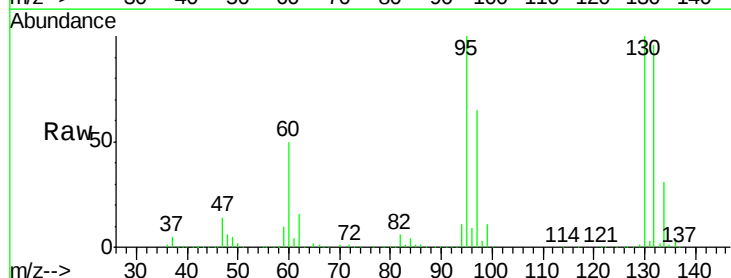
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20190909

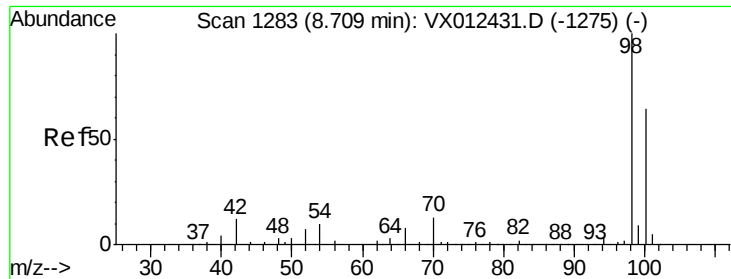
Tot Ion:113 Resp: 78147
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 18.0 14.4 21.6



#44
Trichloroethene
Concen: 743.654 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012451.D
Acq: 17 Sep 2019 23:01

Tgt Ion:130 Resp: 962041
Ion Ratio Lower Upper
130 100
95 100.4 0.0 193.0





#50

Toluene-d8

Concen: 52.240 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012451.D

Acq: 17 Sep 2019 23:01

Instrument :

MSVOA_X

ClientSampleId :

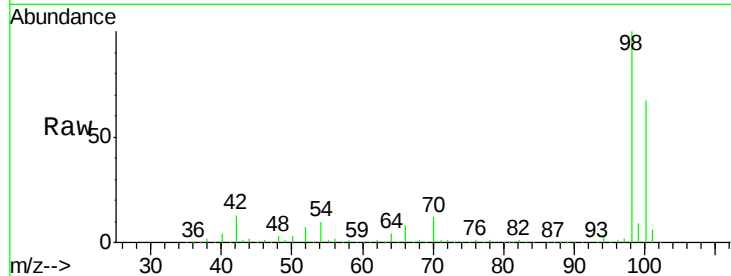
RE103D3-20190909

Tot Ion: 98 Resp: 297817

Ion Ratio Lower Upper

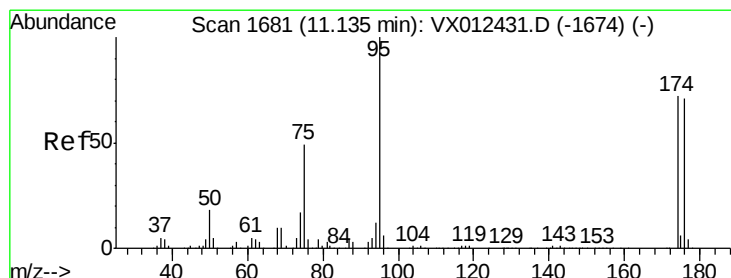
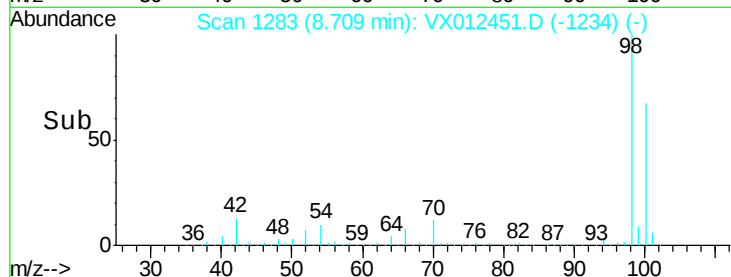
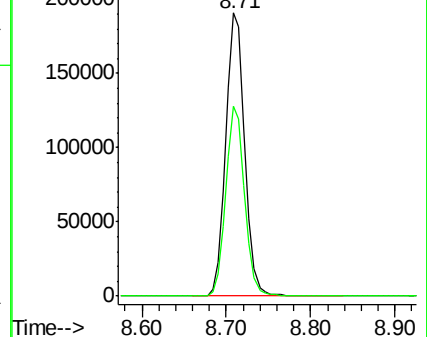
98 100

100 66.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.786 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012451.D

Acq: 17 Sep 2019 23:01

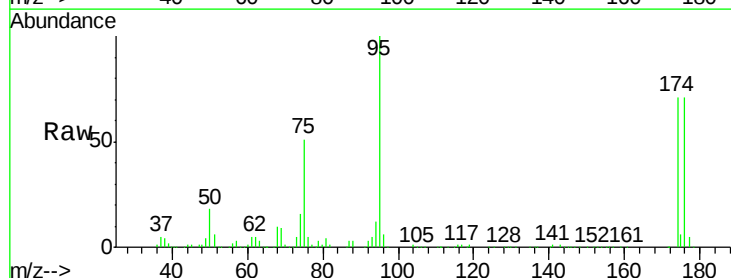
Tgt Ion: 95 Resp: 106011

Ion Ratio Lower Upper

95 100

174 69.5 0.0 140.0

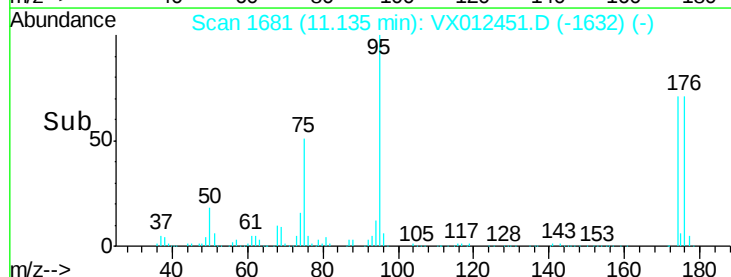
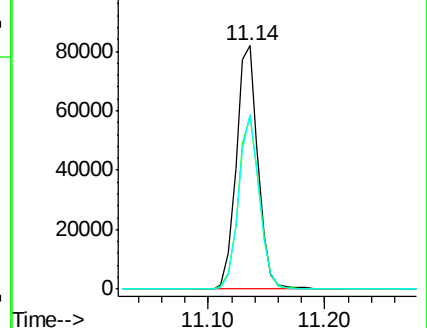
176 68.5 0.0 135.4

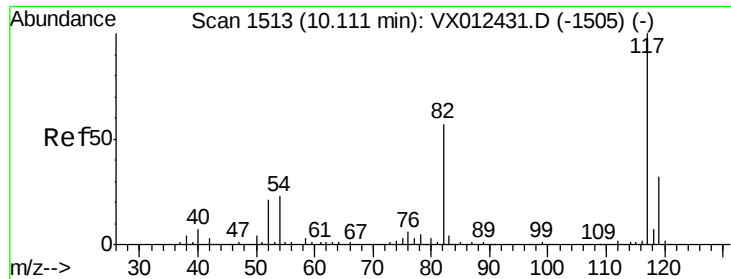


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

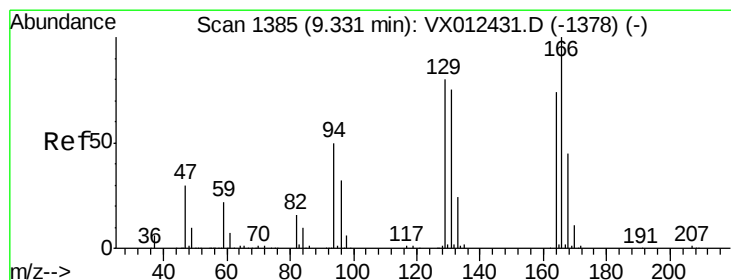
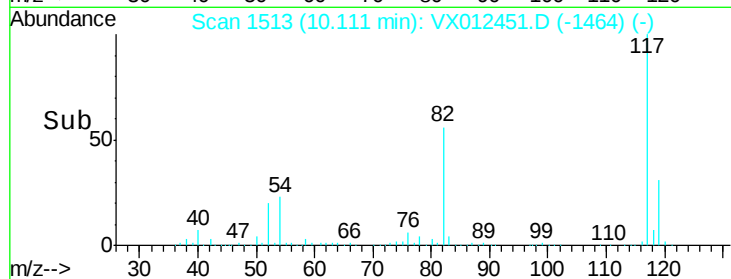
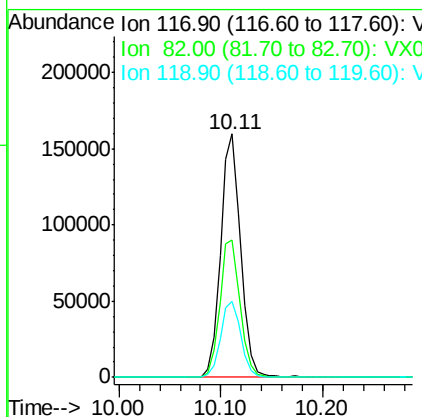
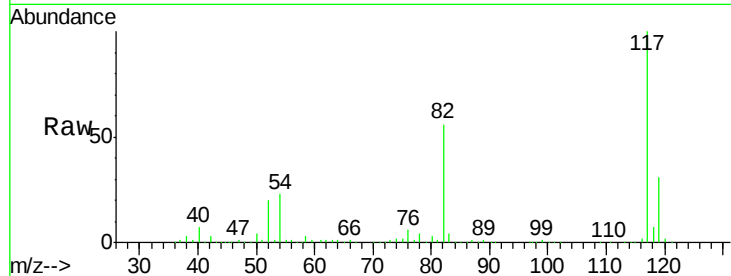




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012451.D
Acq: 17 Sep 2019 23:01

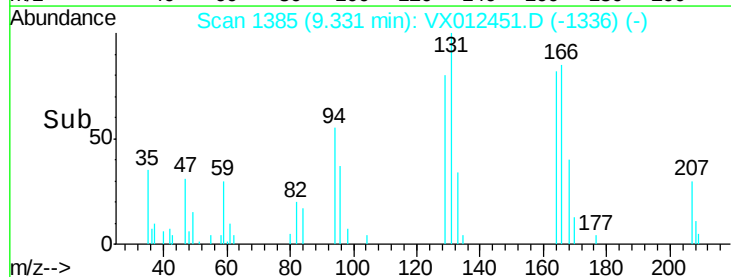
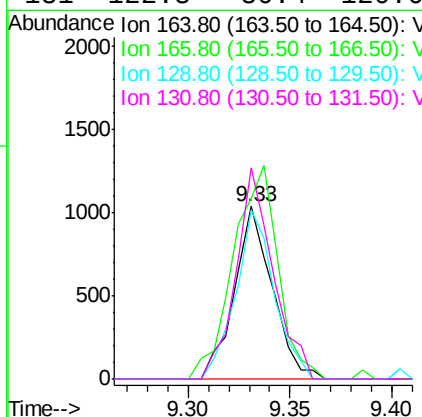
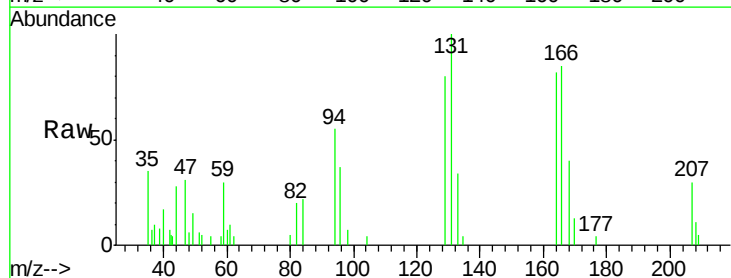
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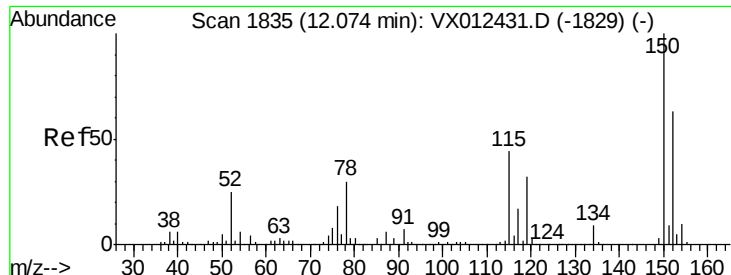
Tot Ion:117 Resp: 218339
Ion Ratio Lower Upper
117 100
82 56.2 45.9 68.9
119 31.2 25.3 37.9



#64
Tetrachloroethene
Concen: 1.331 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012451.D
Acq: 17 Sep 2019 23:01

Tgt Ion:164 Resp: 1332
Ion Ratio Lower Upper
164 100
166 104.5 107.8 161.6#
129 97.8 86.2 129.2
131 122.3 80.4 120.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012451.D

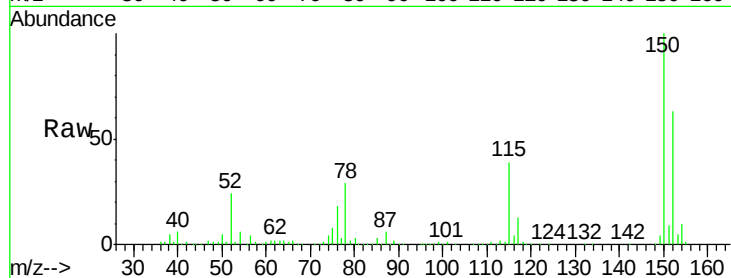
Acq: 17 Sep 2019 23:01

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20190909



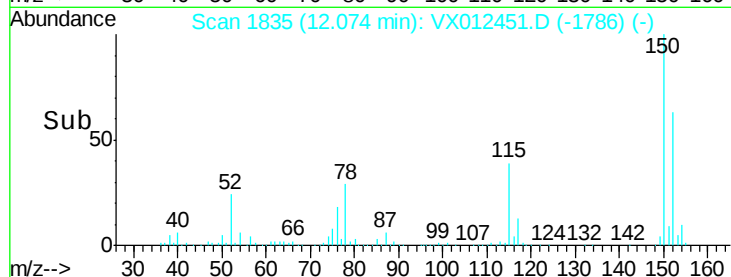
Tot Ion:152 Resp: 86922

Ion Ratio Lower Upper

152 100

115 63.4 44.1 132.3

150 155.4 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

