

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012450.D
 Acq On : 17 Sep 2019 22:37
 Operator : JC/SP
 Sample : K4858-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20190909

Quant Time: Sep 18 04:44:20 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

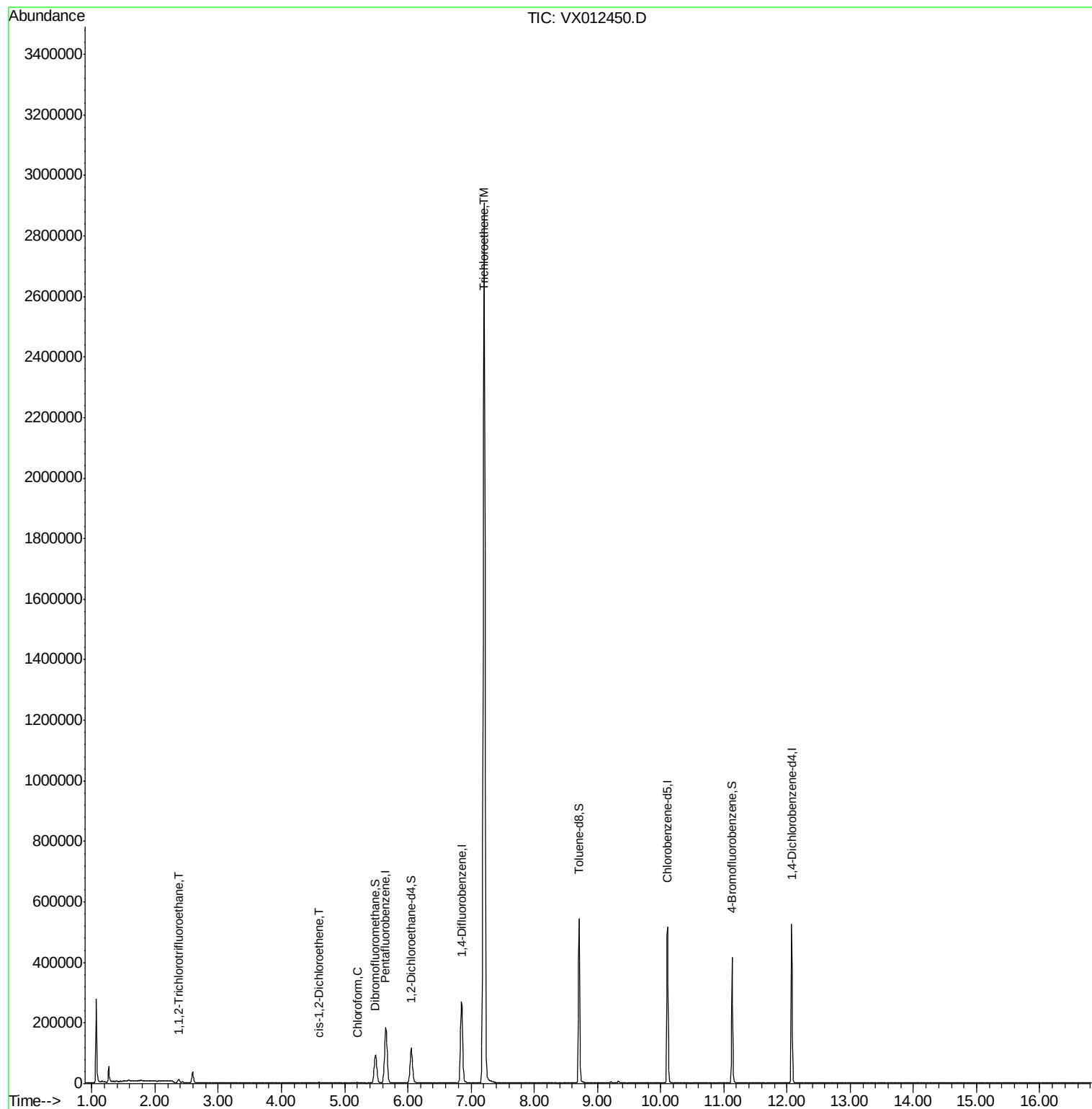
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114350	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	5.48	113	79704	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	8.71	98	303446	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.14	95	115329	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3533	2.757	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	1328	0.837	ug/l	44
30) Chloroform	5.21	83	2470	0.807	ug/l	90
44) Trichloroethene	7.21	130	1087974	830.440	ug/l	95

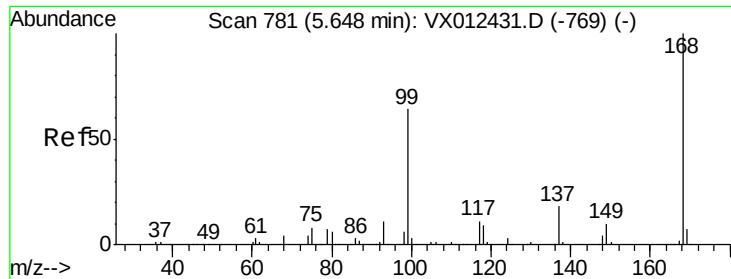
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012450.D

Acq: 17 Sep 2019 22:37

Instrument :

MSVOA_X

ClientSampleId :

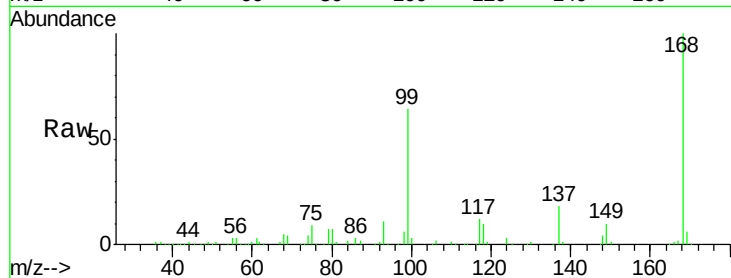
RE103D2-20190909

Tot Ion:168 Resp: 162601

Ion Ratio Lower Upper

168 100

99 64.4 51.4 77.2

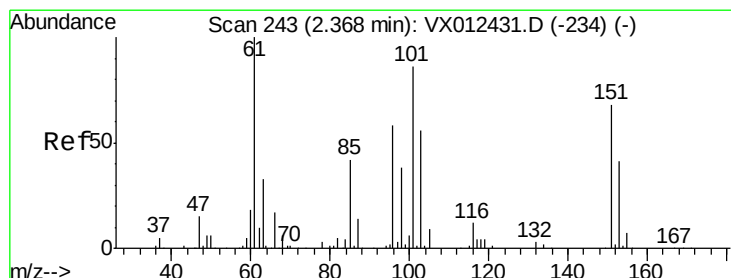
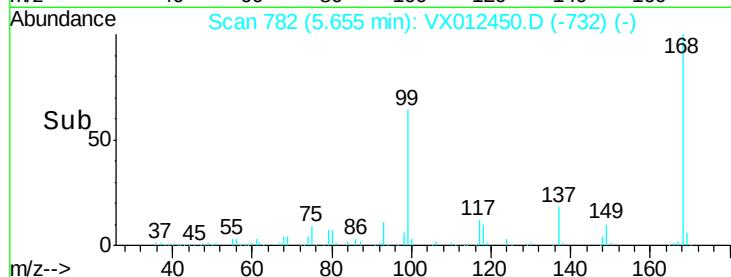


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time--> 5.50 5.60 5.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.757 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012450.D

Acq: 17 Sep 2019 22:37

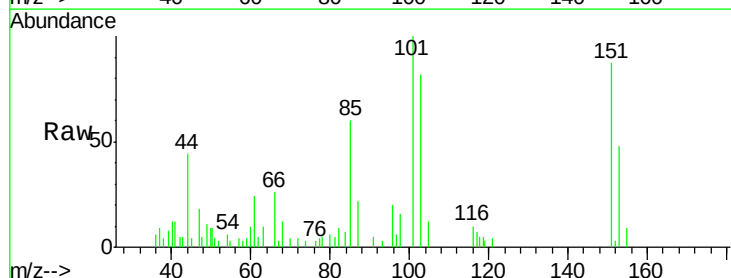
Tgt Ion:101 Resp: 3533

Ion Ratio Lower Upper

101 100

85 52.0 37.3 55.9

151 80.8 61.0 91.4



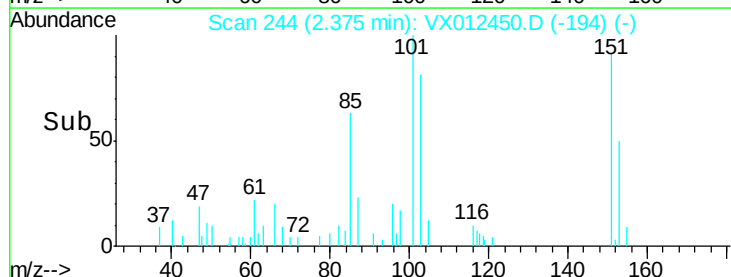
Abundance Ion 100.90 (100.60 to 101.60): V

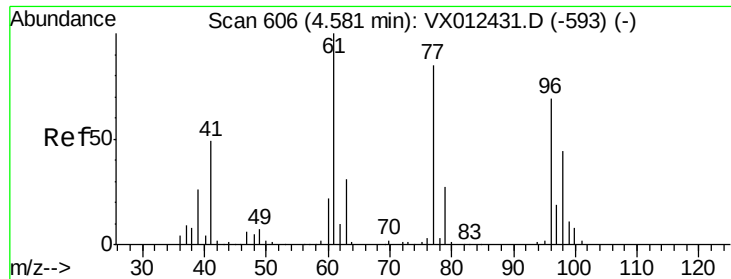
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

Time--> 2.30 2.35 2.40 2.45



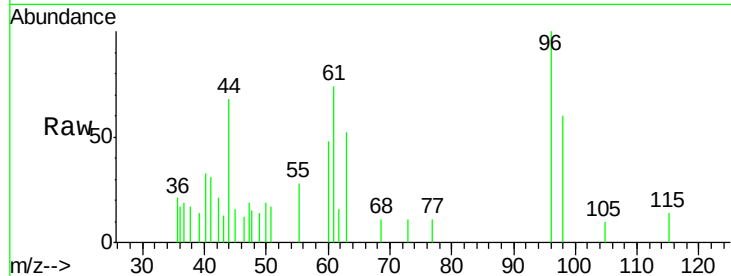


#27

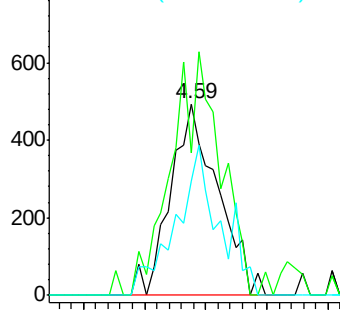
cis-1,2-Dichloroethene
 Concen: 0.837 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012450.D
 Acq: 17 Sep 2019 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20190909

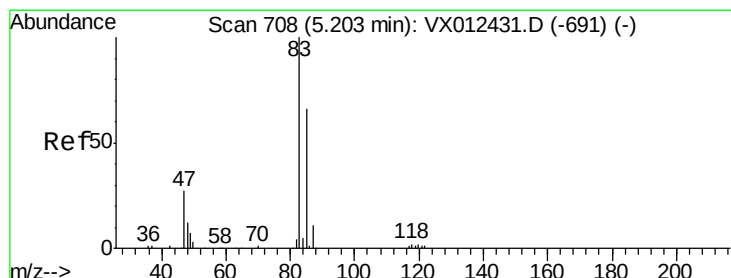
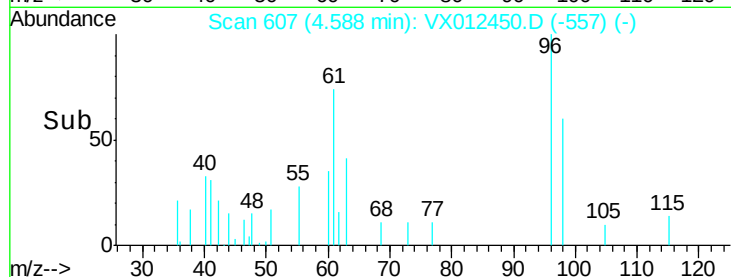
Tot Ion: 96 Resp: 1328
 Ion Ratio Lower Upper
 96 100
 61 60.8 0.0 319.4
 98 72.7 0.0 130.6



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



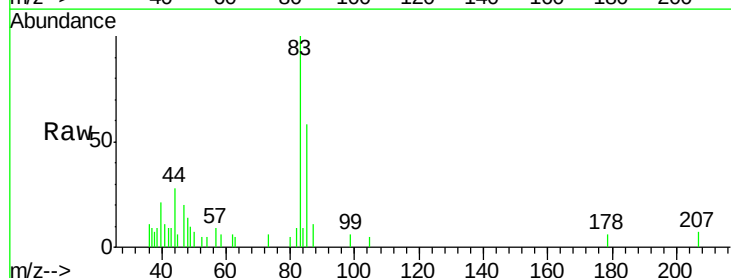
Time-->



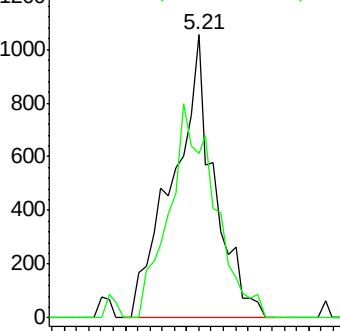
#30

Chloroform
 Concen: 0.807 ug/l
 RT: 5.21 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VX012450.D
 Acq: 17 Sep 2019 22:37

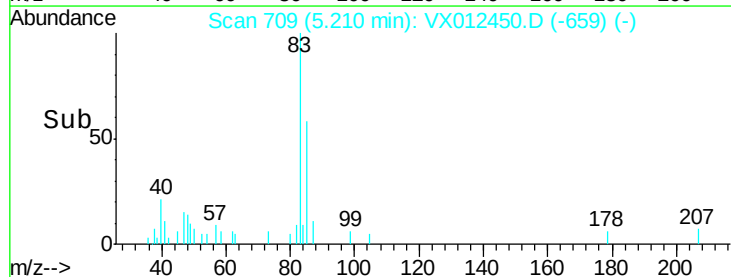
Tgt Ion: 83 Resp: 2470
 Ion Ratio Lower Upper
 83 100
 85 58.1 53.0 79.4

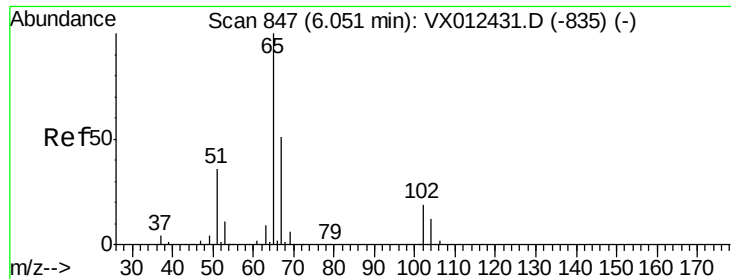


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0



Time-->

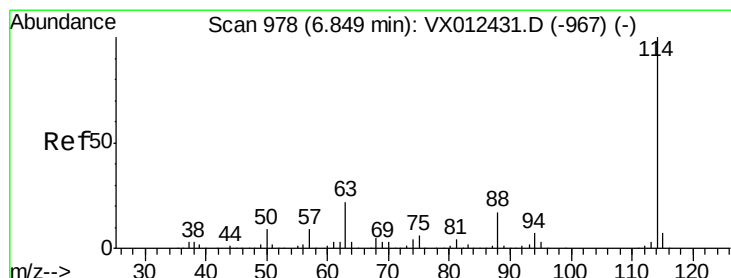
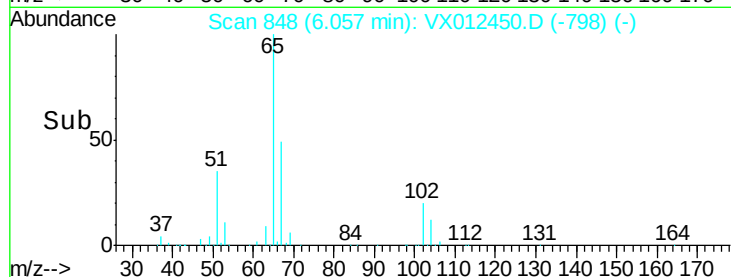
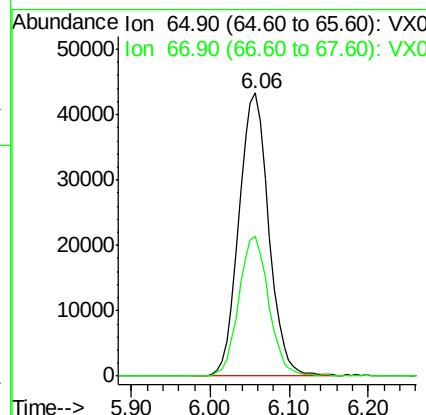
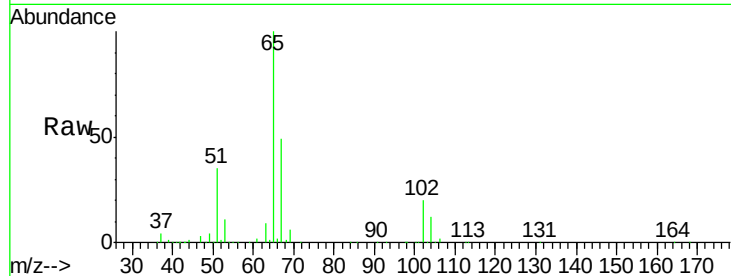




#33
 1,2-Dichloroethane-d4
 Concen: 49.069 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012450.D
 Acq: 17 Sep 2019 22:37

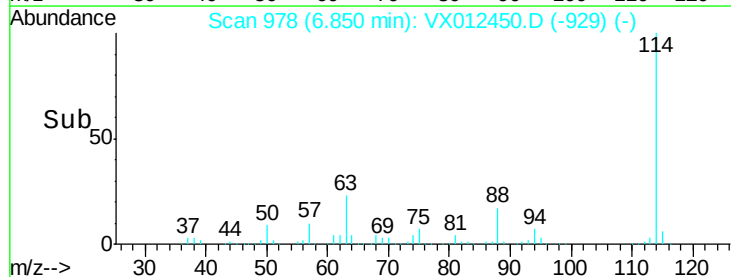
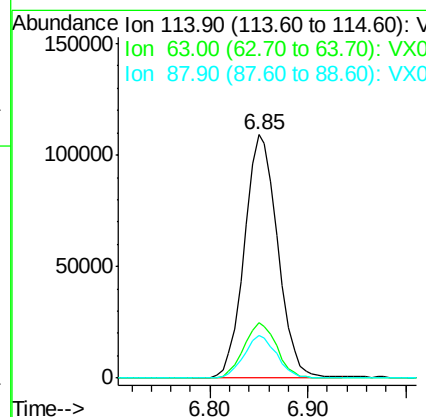
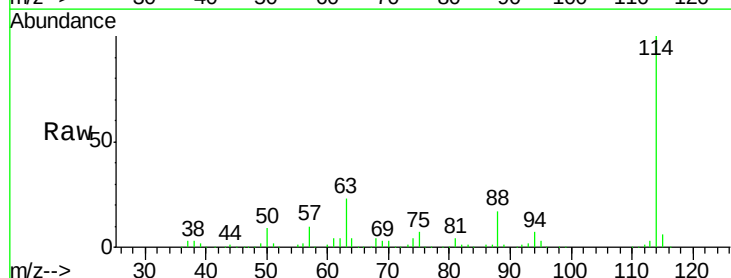
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20190909

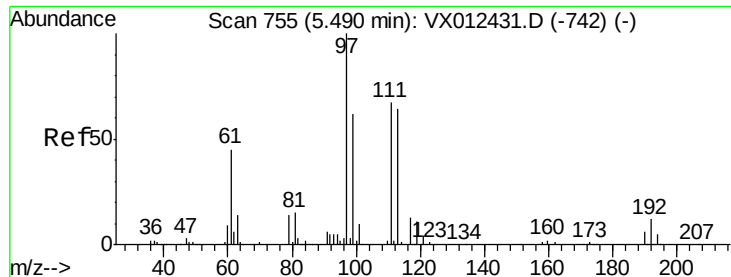
Tot Ion: 65 Resp: 114350
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012450.D
 Acq: 17 Sep 2019 22:37

Tgt Ion: 114 Resp: 257703
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.2
 88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.100 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012450.D

Acq: 17 Sep 2019 22:37

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20190909

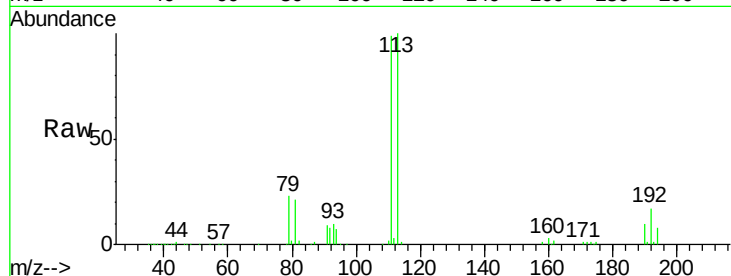
Tot Ion:113 Resp: 79704

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

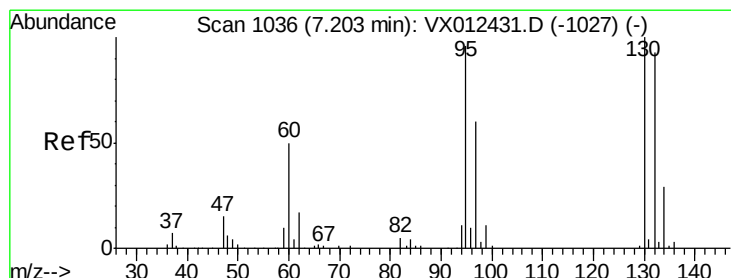
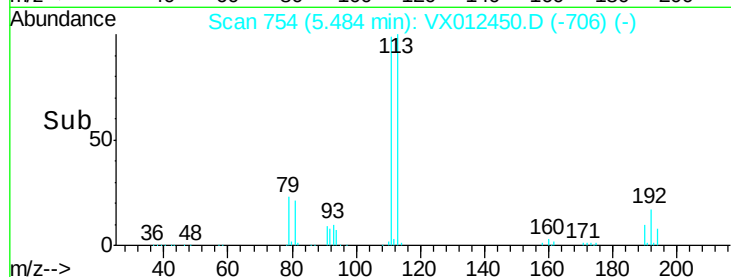
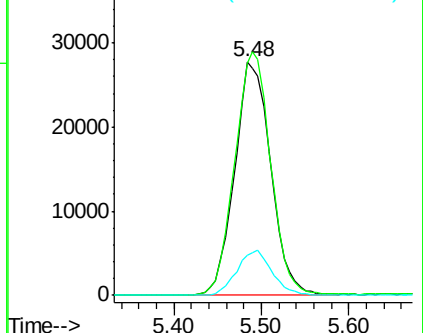
192 18.7 14.4 21.6



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: 830.440 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012450.D

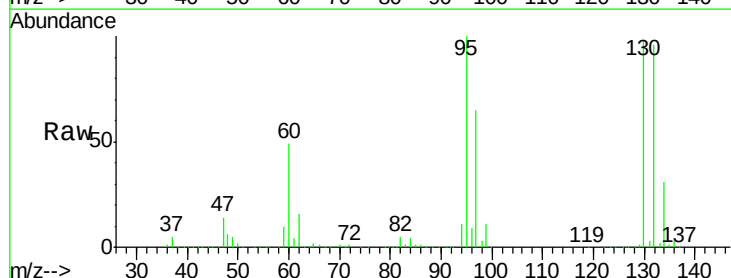
Acq: 17 Sep 2019 22:37

Tgt Ion:130 Resp: 1087974

Ion Ratio Lower Upper

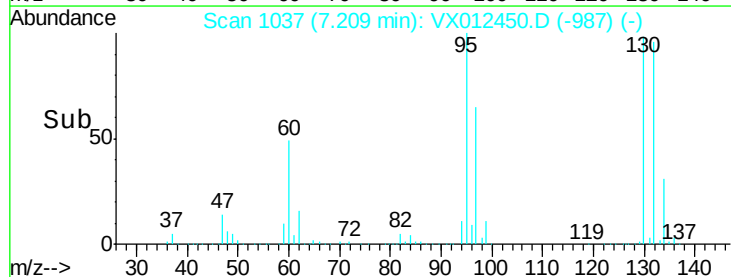
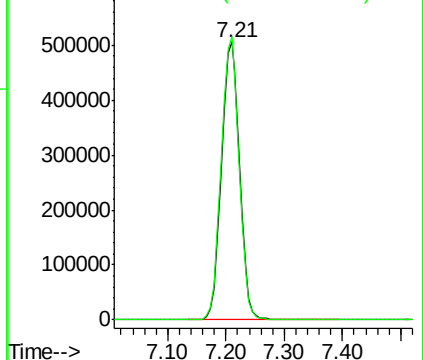
130 100

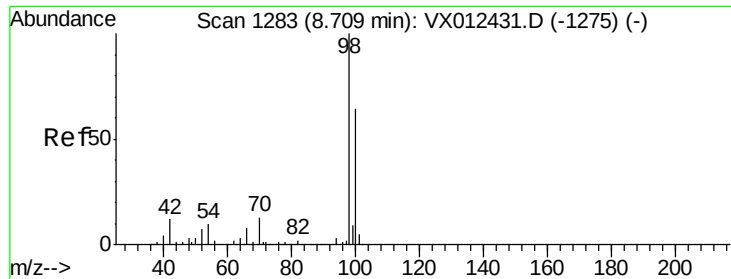
95 101.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

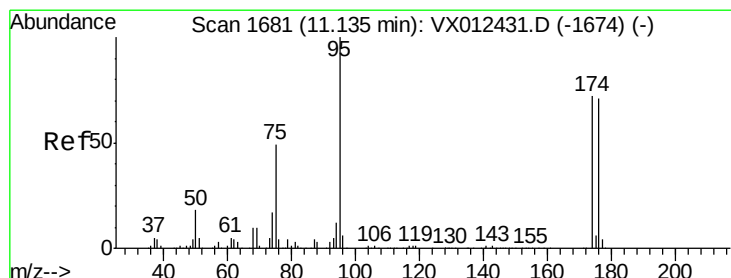
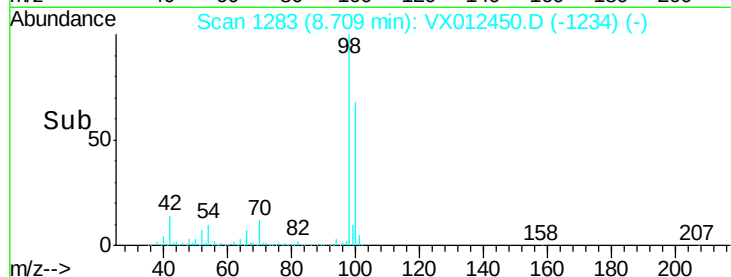
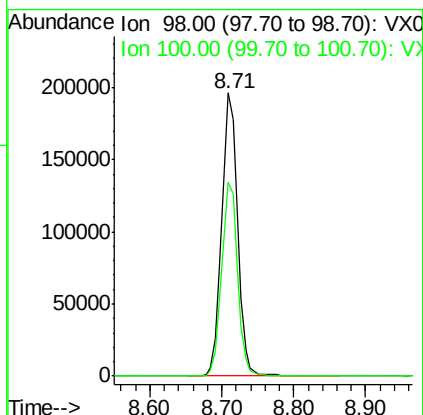
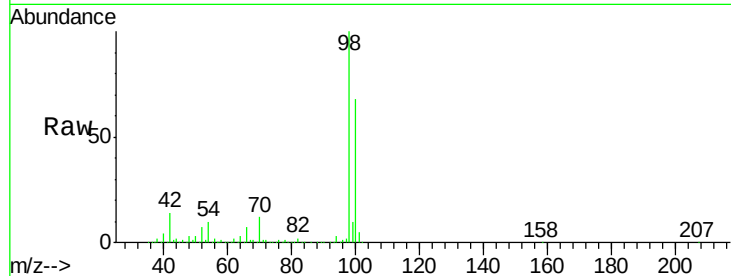




#50
Toluene-d8
Concen: 52.559 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

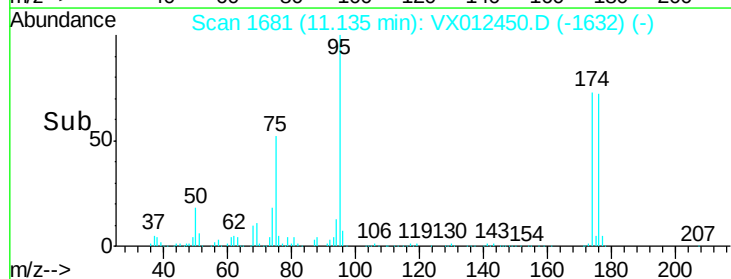
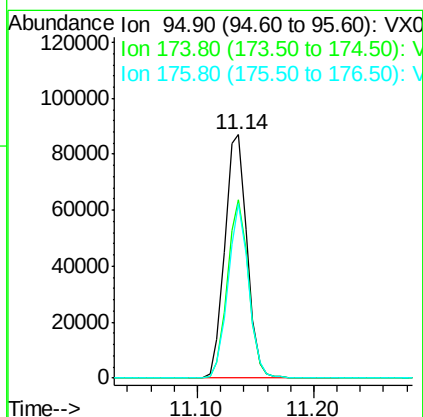
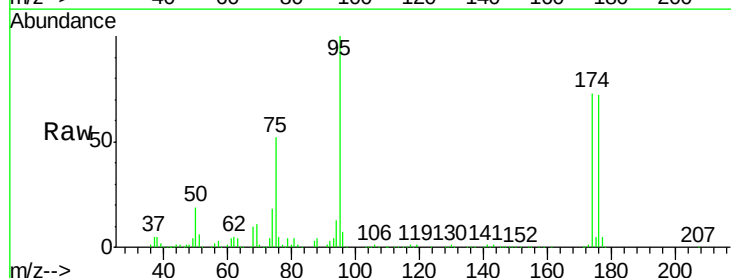
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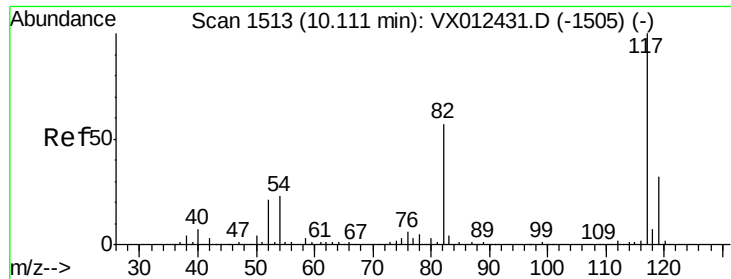
Tot Ion: 98 Resp: 303446
Ion Ratio Lower Upper
98 100
100 68.0 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 48.111 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 95 Resp: 115329
Ion Ratio Lower Upper
95 100
174 70.2 0.0 140.0
176 67.0 0.0 135.4

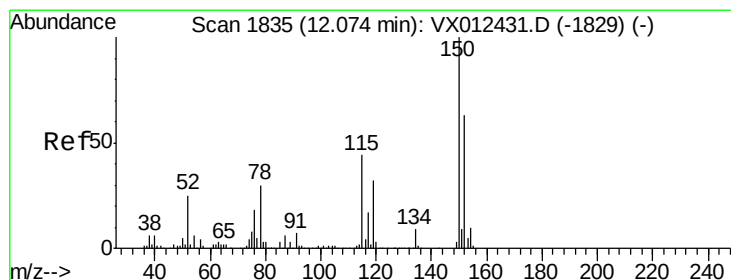
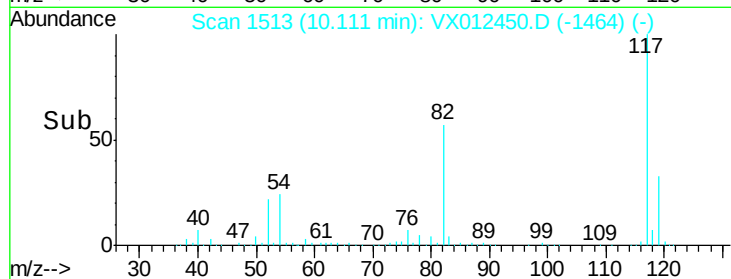
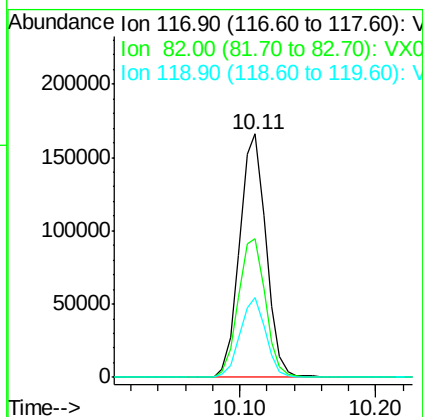
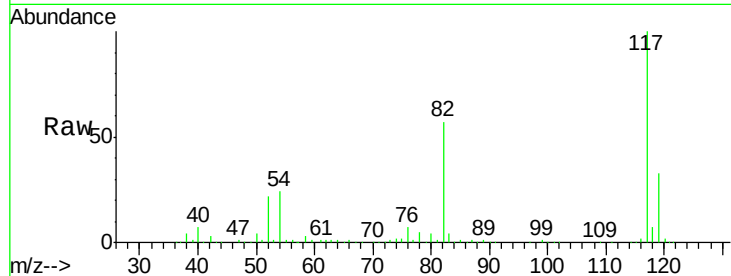




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tot Ion:117 Resp: 225806
Ion Ratio Lower Upper
117 100
82 56.8 45.9 68.9
119 32.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion:152 Resp: 100014
Ion Ratio Lower Upper
152 100
115 62.3 44.1 132.3
150 154.5 0.0 343.8

