

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009047.D
 Acq On : 18 Apr 2019 16:31
 Operator : JC/SP
 Sample : K2449-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW302-190416

Quant Time: Apr 19 09:25:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

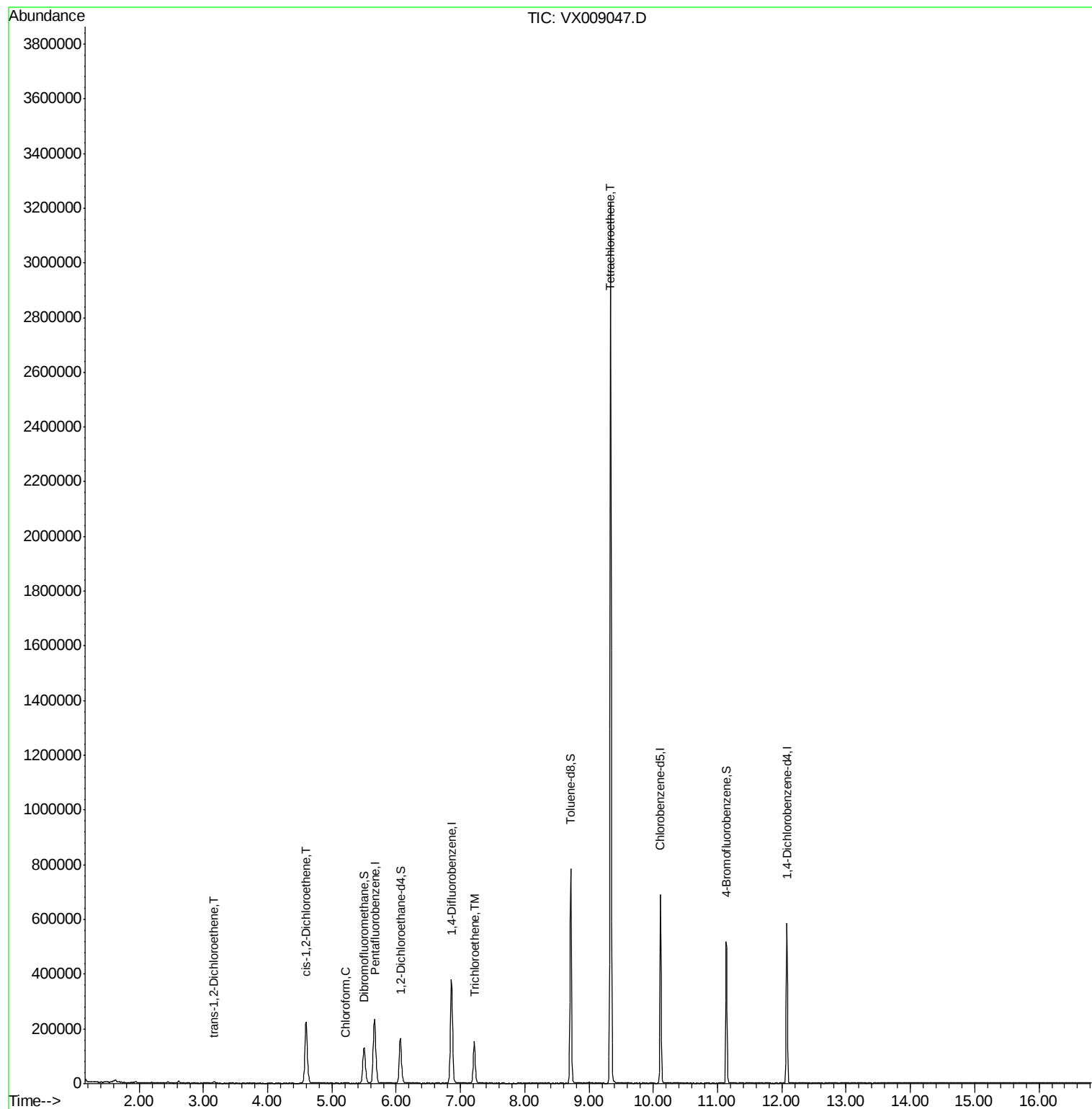
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155735	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
35) Dibromofluoromethane	5.49	113	113468	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	8.71	98	457173	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.13	95	138602	41.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.56%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	2045	0.781	ug/l	84
27) cis-1,2-Dichloroethene	4.60	96	139633	46.974	ug/l	91
30) Chloroform	5.21	83	3028	0.648	ug/l	96
44) Trichloroethene	7.21	130	58149	20.929	ug/l	99
64) Tetrachloroethene	9.34	164	624000	269.727	ug/l	98

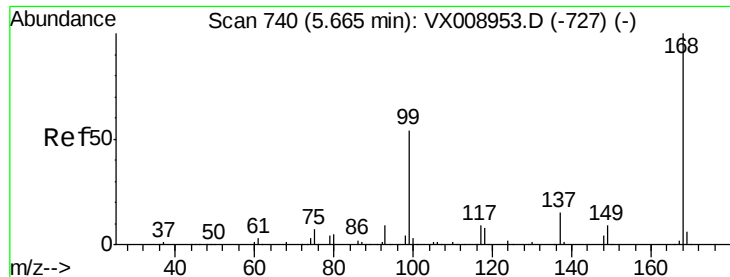
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009047.D

Acq: 18 Apr 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

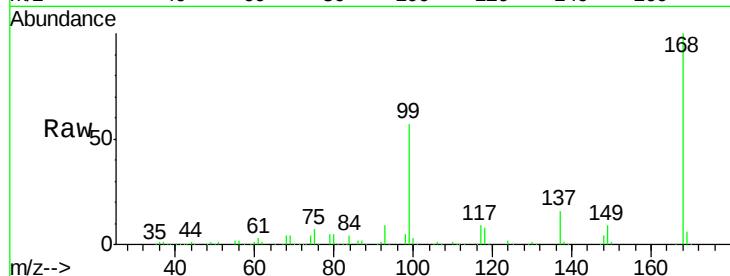
SS037MW302-190416

Tot Ion:168 Resp: 228892

Ion Ratio Lower Upper

168 100

99 56.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

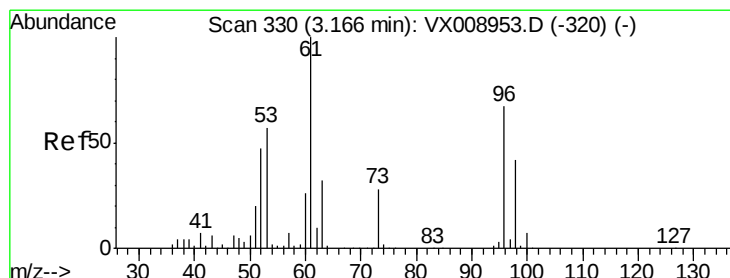
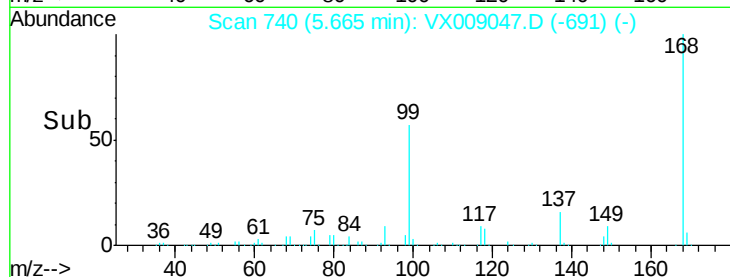
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 0.781 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009047.D

Acq: 18 Apr 2019 16:31

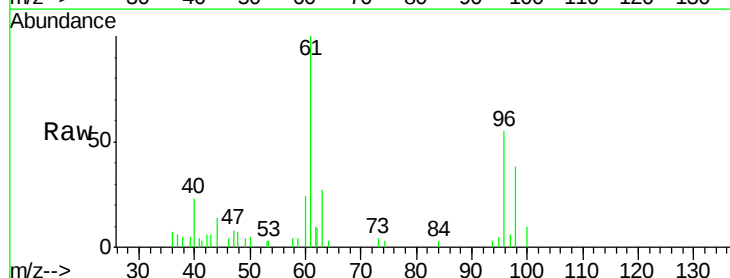
Tgt Ion: 96 Resp: 2045

Ion Ratio Lower Upper

96 100

61 174.8 120.3 180.5

98 69.6 50.2 75.2



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

2000

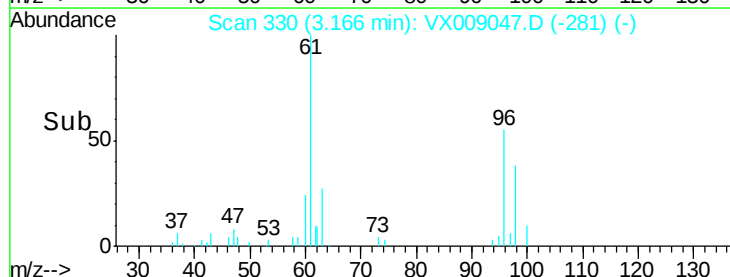
1500

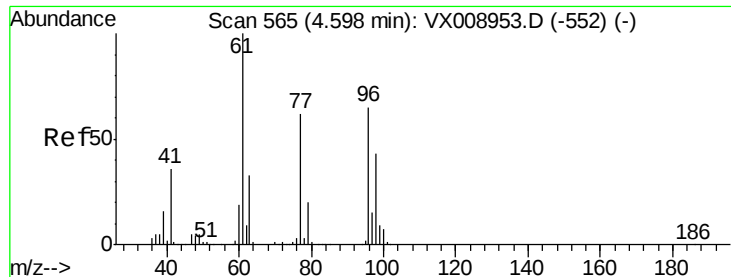
1000

500

0

Time--> 3.10 3.15 3.20



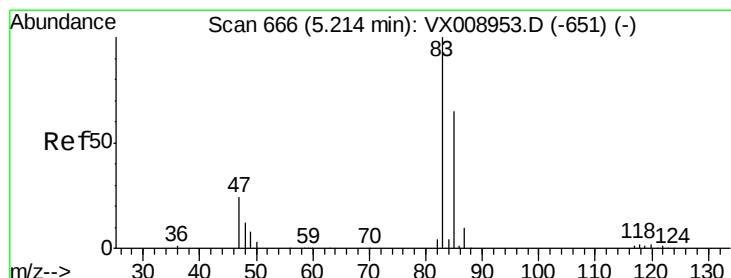
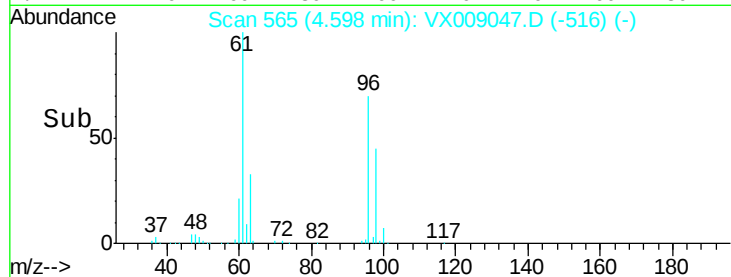
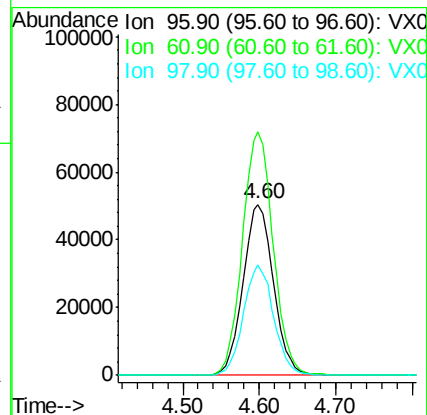
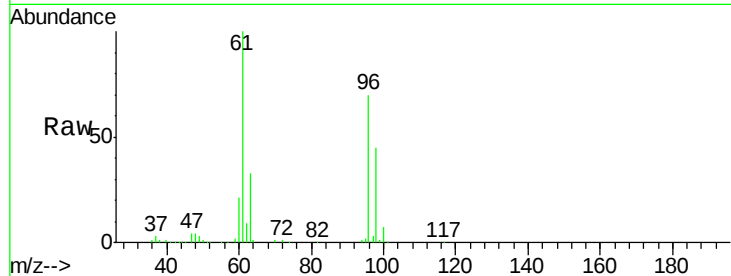


#27

cis-1,2-Dichloroethene
Concen: 46.974 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009047.D
Acq: 18 Apr 2019 16:31

Instrument :
MSVOA_X
ClientSampleId :
SS037MW302-190416

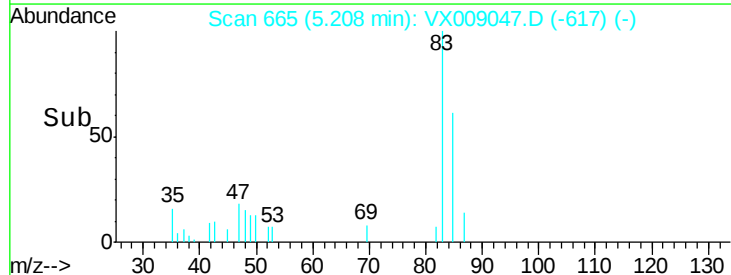
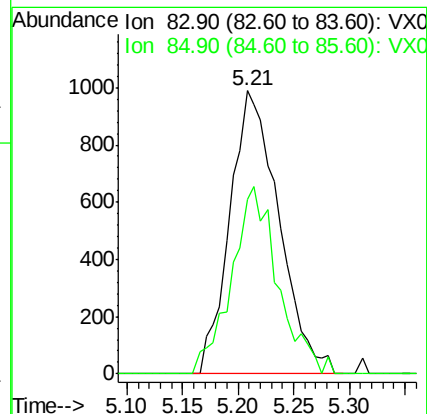
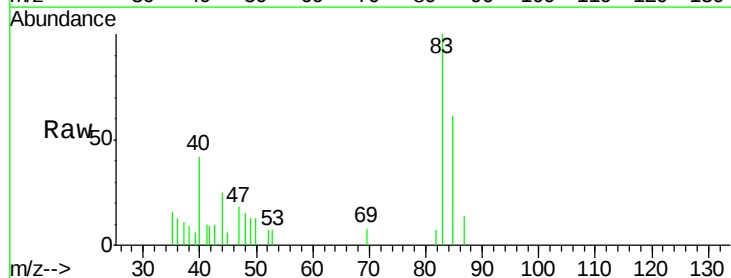
Tot Ion: 96 Resp: 139633
Ion Ratio Lower Upper
96 100
61 144.1 0.0 322.0
98 64.2 0.0 128.4

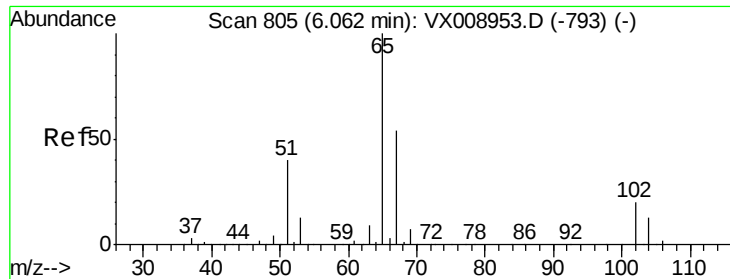


#30

Chloroform
Concen: 0.648 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009047.D
Acq: 18 Apr 2019 16:31

Tgt Ion: 83 Resp: 3028
Ion Ratio Lower Upper
83 100
85 61.5 51.9 77.9

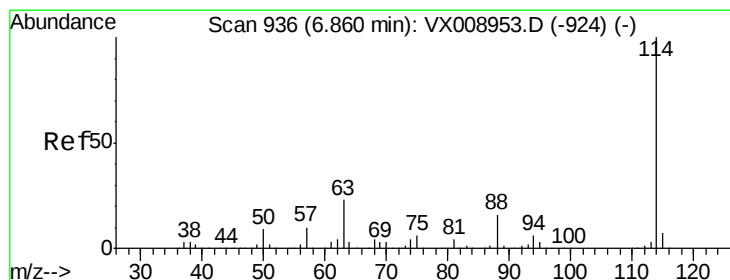
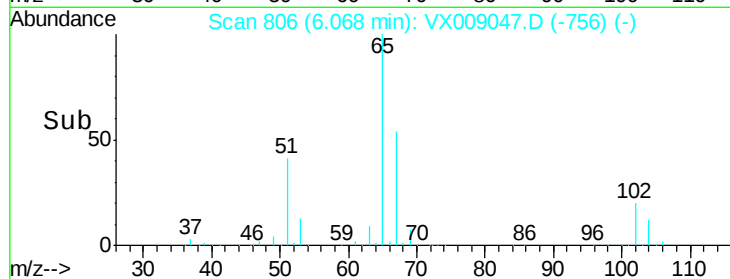
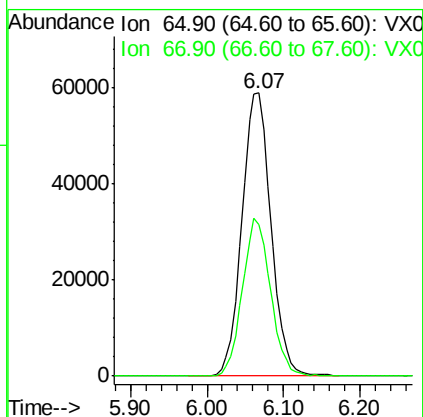
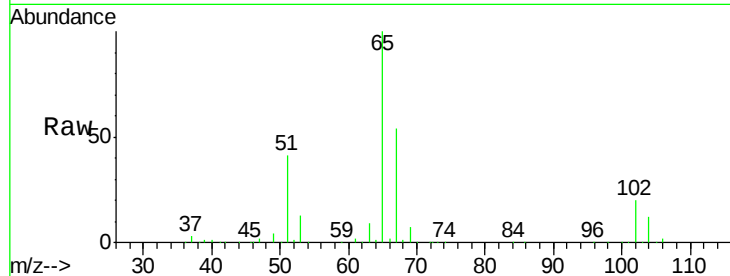




#33
 1,2-Dichloroethane-d4
 Concen: 48.279 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009047.D
 Acq: 18 Apr 2019 16:31

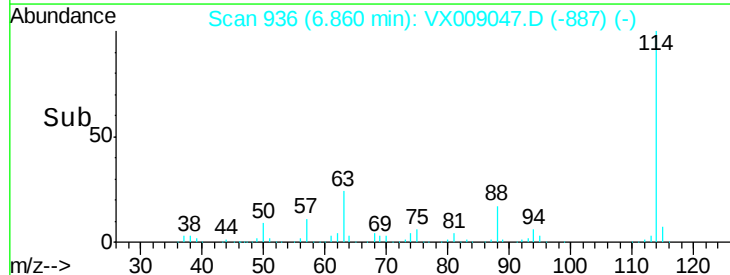
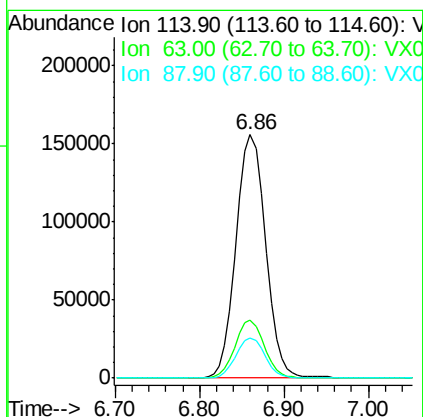
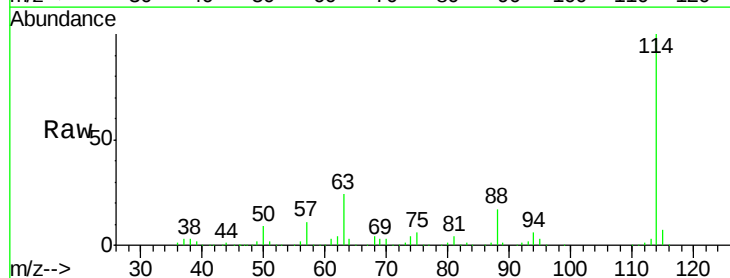
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW302-190416

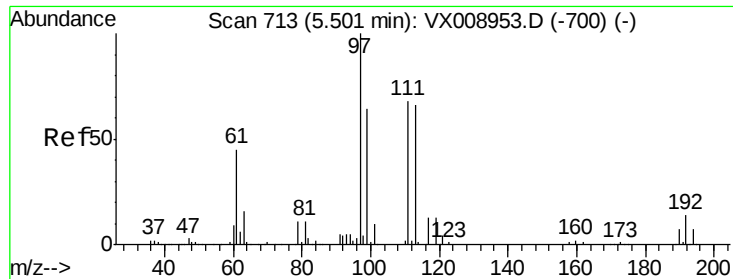
Tot Ion: 65 Resp: 155735
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009047.D
 Acq: 18 Apr 2019 16:31

Tgt Ion: 114 Resp: 371668
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.0
 88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.570 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009047.D

Acq: 18 Apr 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

SS037MW302-190416

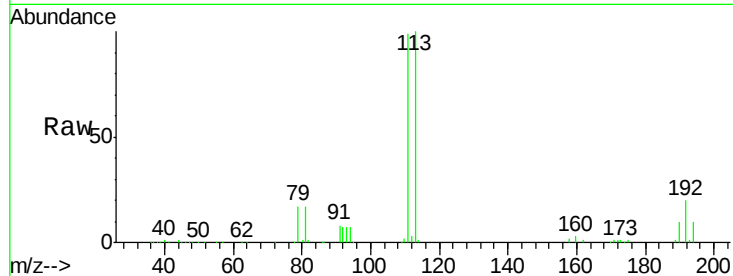
Tot Ion:113 Resp: 113468

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

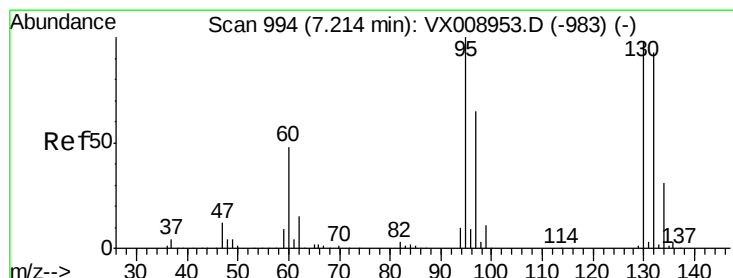
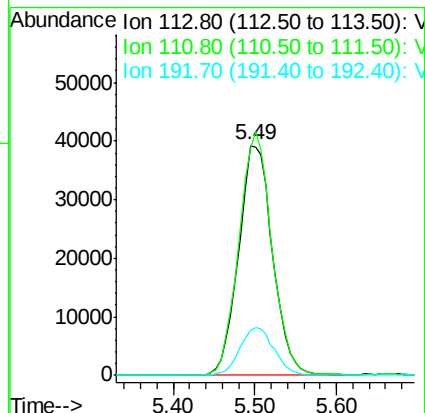
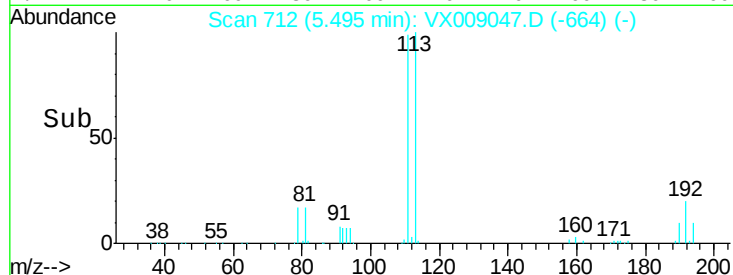
192 20.9 17.4 26.0



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: 20.929 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009047.D

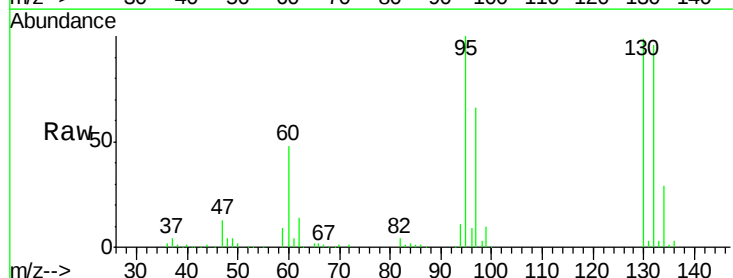
Acq: 18 Apr 2019 16:31

Tgt Ion:130 Resp: 58149

Ion Ratio Lower Upper

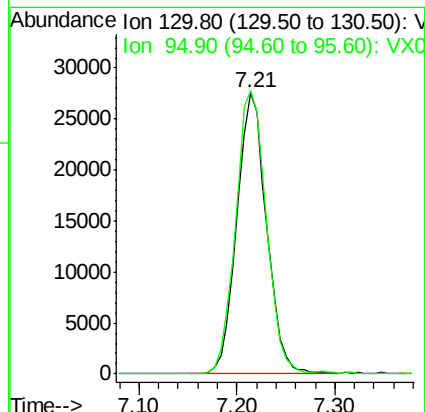
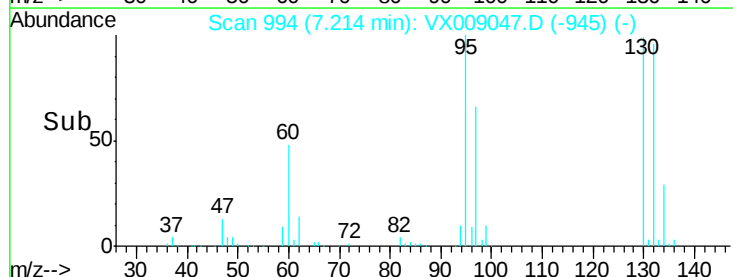
130 100

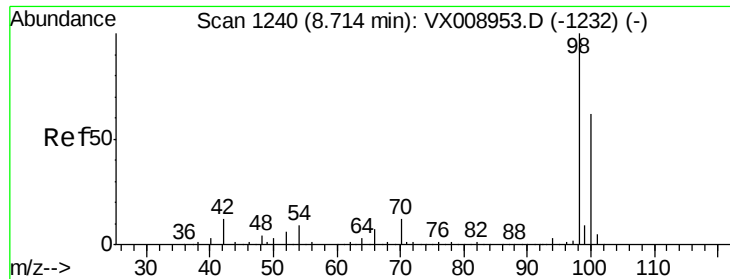
95 100.8 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

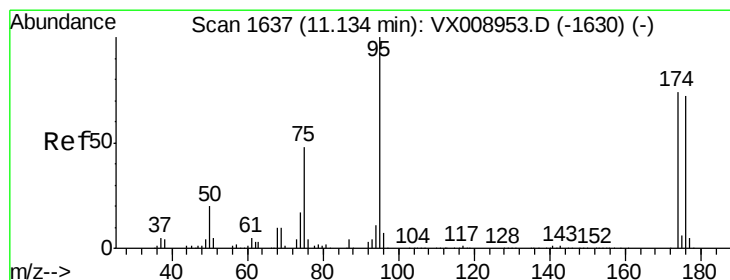
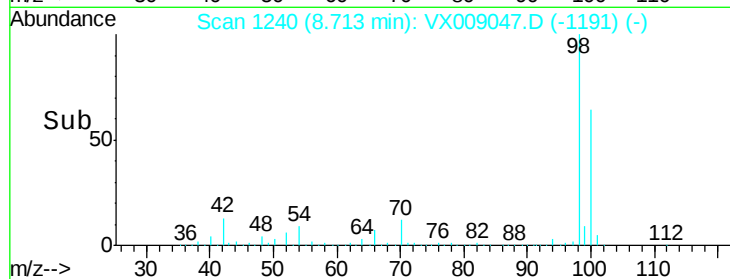
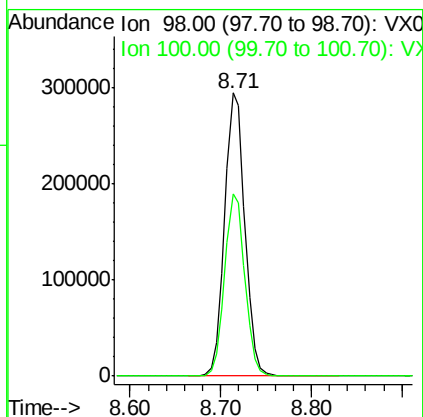
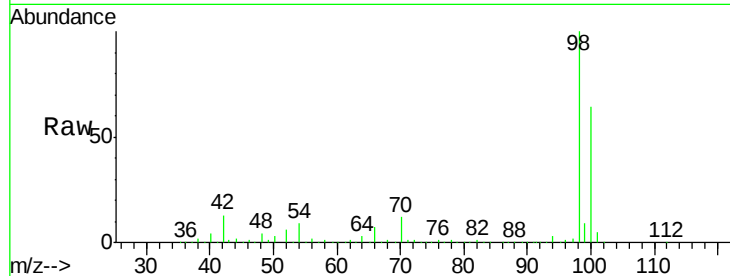




#50
Toluene-d8
Concen: 48.060 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009047.D
Acq: 18 Apr 2019 16:31

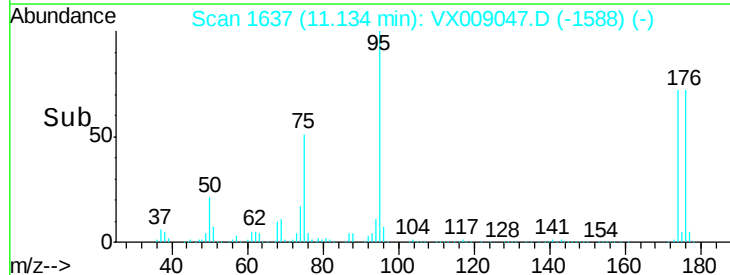
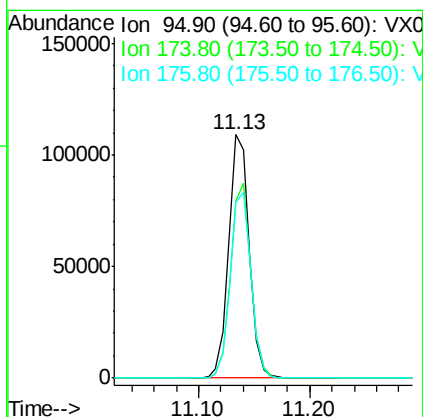
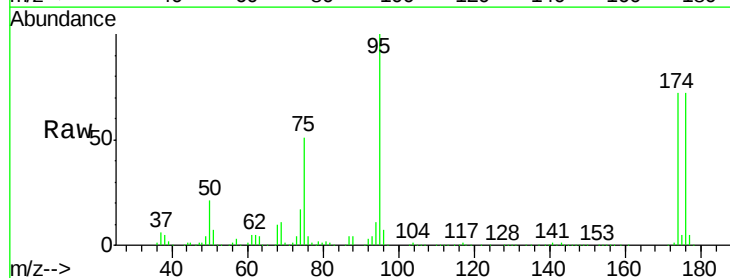
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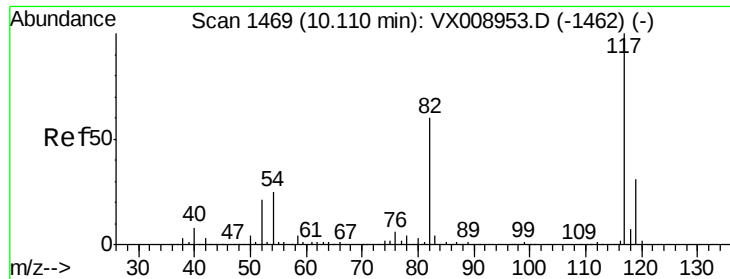
Tot Ion: 98 Resp: 457173
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 41.276 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009047.D
Acq: 18 Apr 2019 16:31

Tgt Ion: 95 Resp: 138602
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.6
176 77.5 0.0 154.8

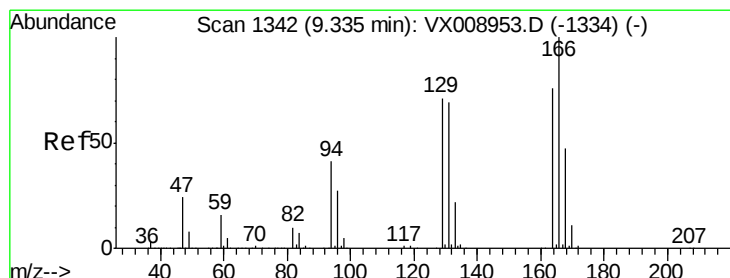
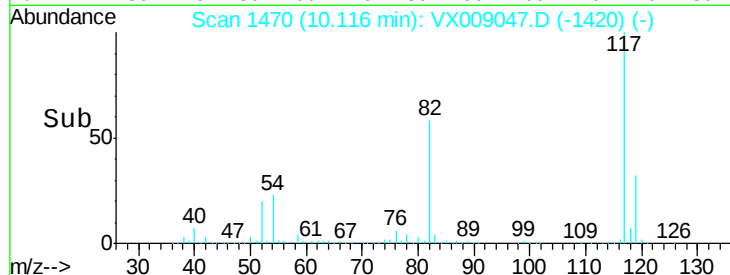
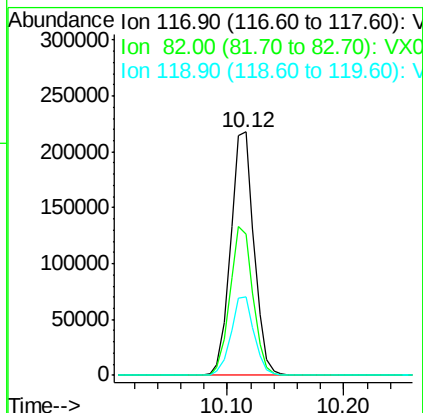
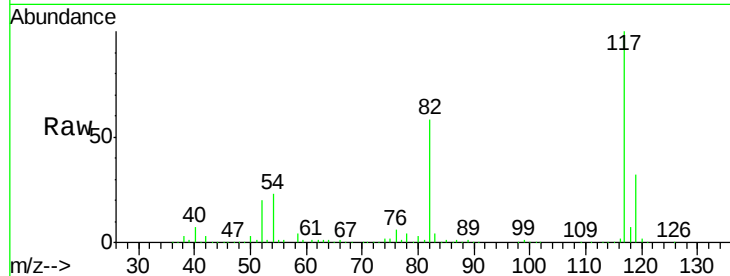




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009047.D
Acq: 18 Apr 2019 16:31

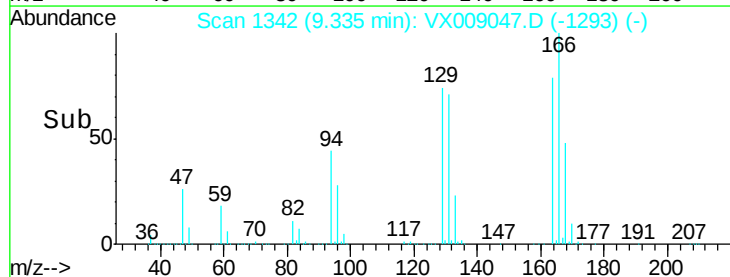
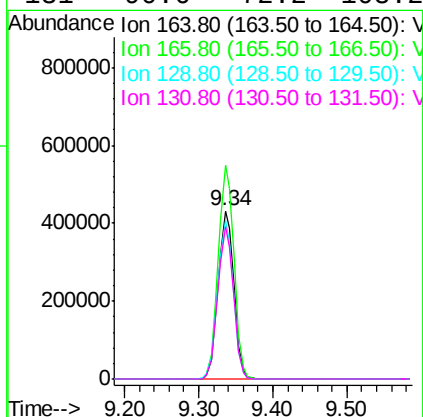
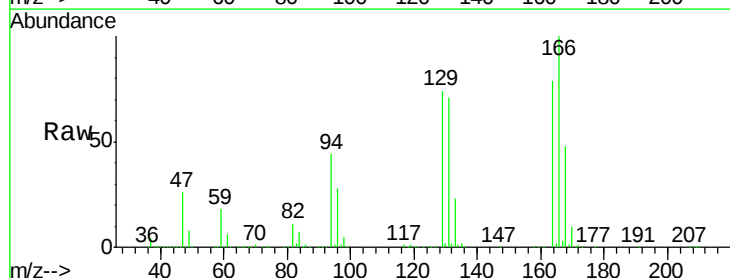
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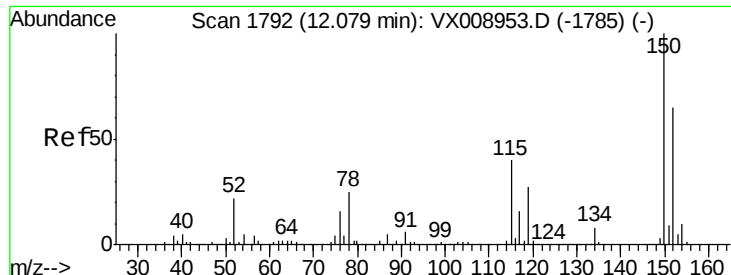
Tot Ion:117 Resp: 304529
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 32.3 25.0 37.6



#64
Tetrachloroethene
Concen: 269.727 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009047.D
Acq: 18 Apr 2019 16:31

Tgt Ion:164 Resp: 624000
Ion Ratio Lower Upper
164 100
166 127.2 105.0 157.4
129 94.2 74.2 111.4
131 90.6 72.2 108.2

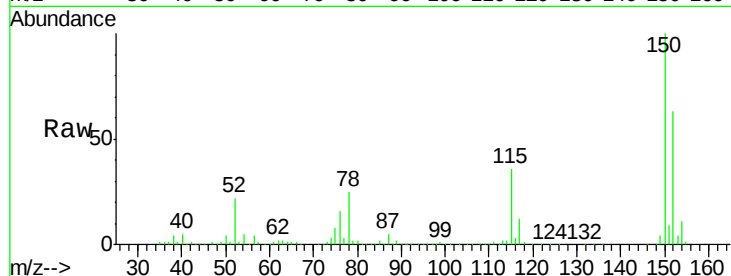




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009047.D
 Acq: 18 Apr 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW302-190416

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.4	124.2
150	157.6	0.0	349.8



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

