

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009049.D
 Acq On : 18 Apr 2019 17:18
 Operator : JC/SP
 Sample : K2449-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW301-190416

Quant Time: Apr 19 09:28:00 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

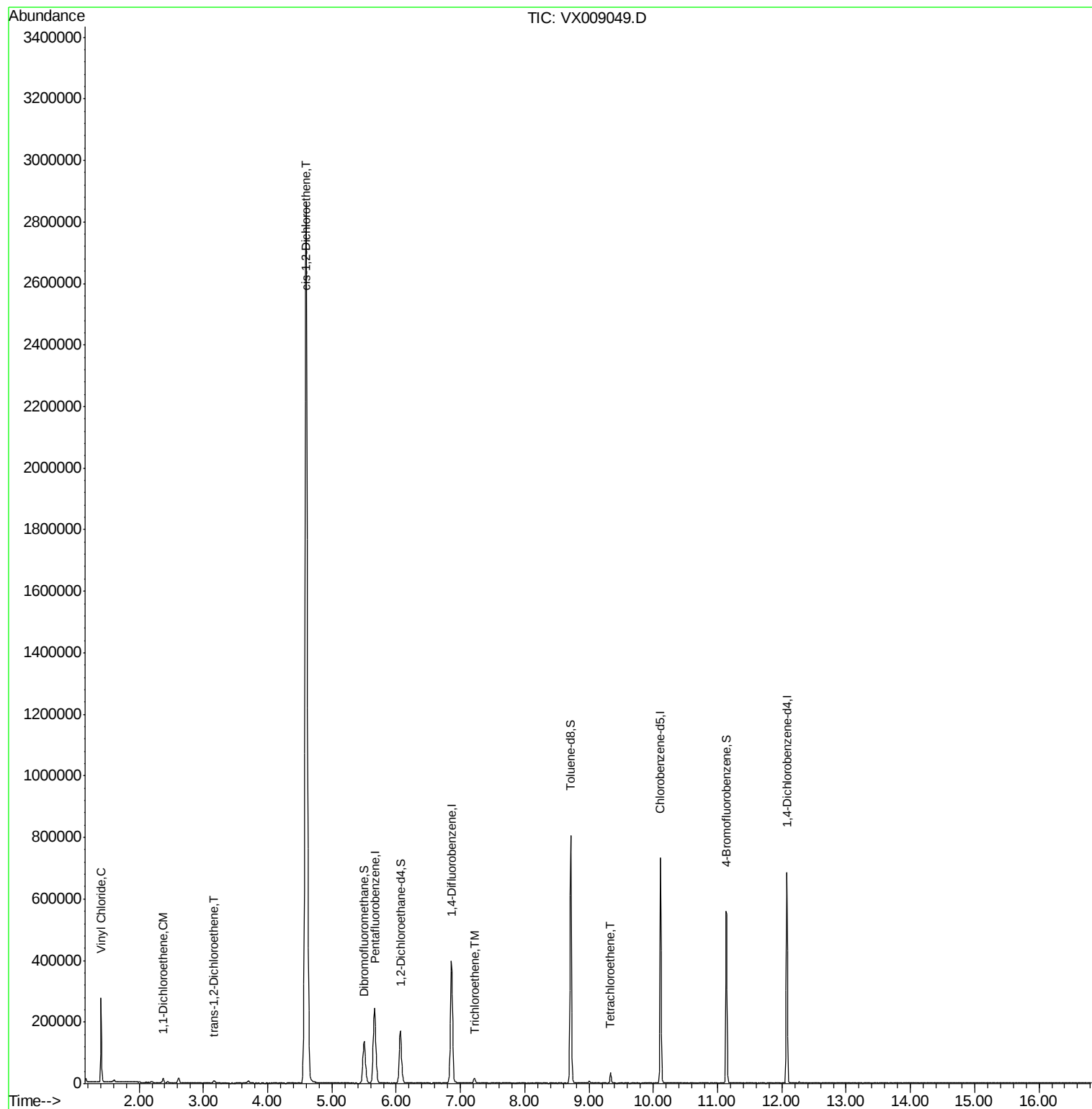
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159595	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	5.50	113	116568	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	8.71	98	468787	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.13	95	152738	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
Target Compounds						
4) Vinyl Chloride	1.41	62	188087	58.069	ug/l	99
12) 1,1-Dichloroethene	2.37	96	4852	1.923	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	2564	0.952	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	1744765	570.872	ug/l	91
44) Trichloroethene	7.21	130	5875	2.055	ug/l	96
64) Tetrachloroethene	9.34	164	6501	2.640	ug/l	91

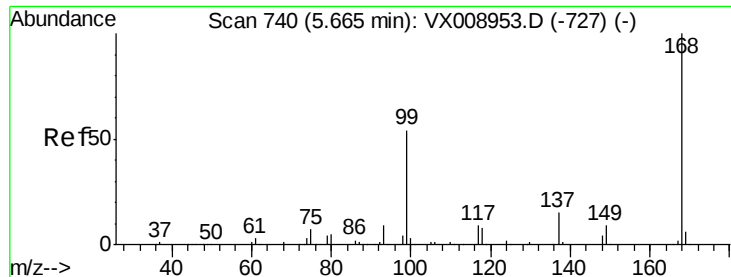
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009049.D

Acq: 18 Apr 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

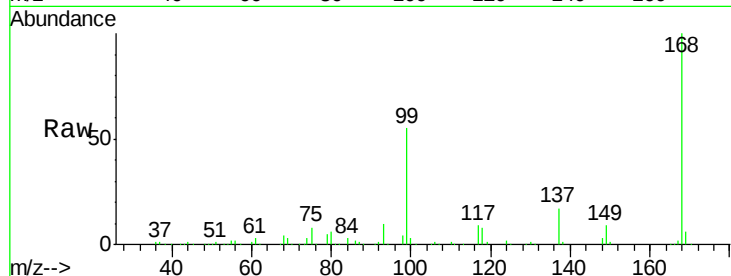
SS037MW301-190416

Tot Ion:168 Resp: 235343

Ion Ratio Lower Upper

168 100

99 55.0 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

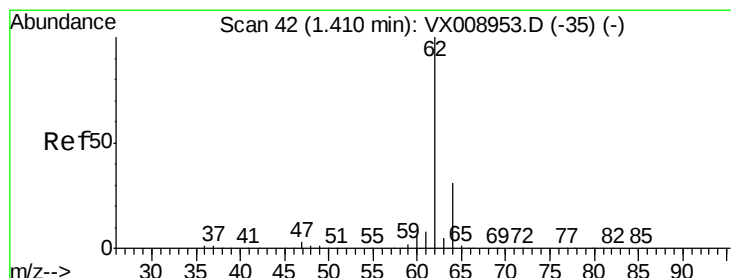
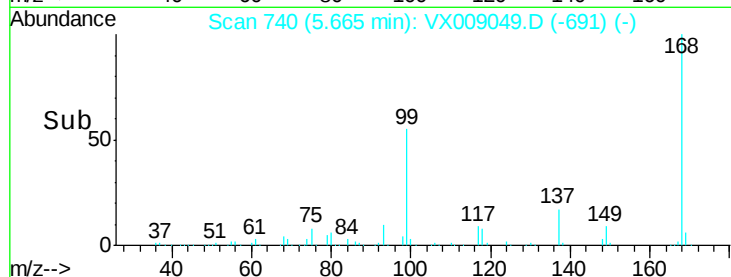
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 58.069 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009049.D

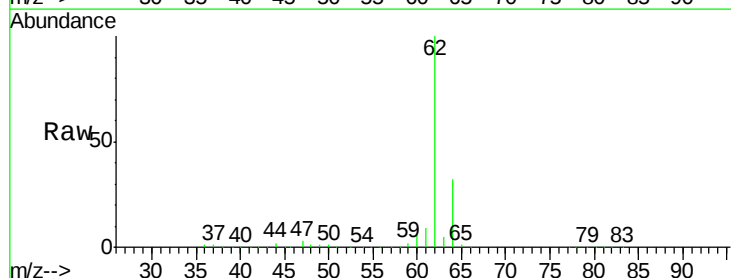
Acq: 18 Apr 2019 17:18

Tgt Ion: 62 Resp: 188087

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

200000

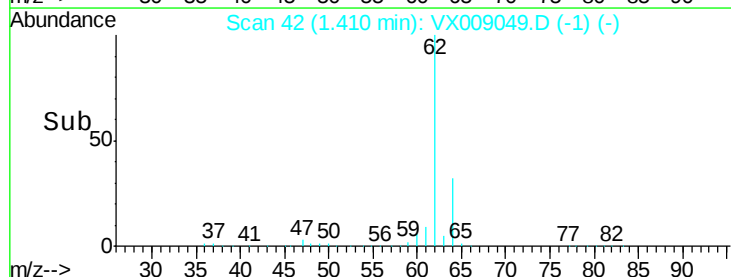
150000

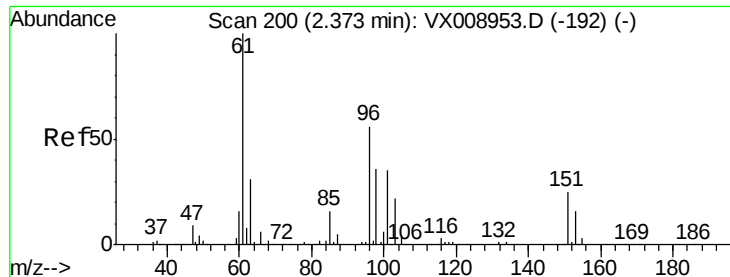
100000

50000

0

Time--> 1.30 1.40 1.50 1.60





#12

1,1-Dichloroethene

Concen: 1.923 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009049.D

Acq: 18 Apr 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

SS037MW301-190416

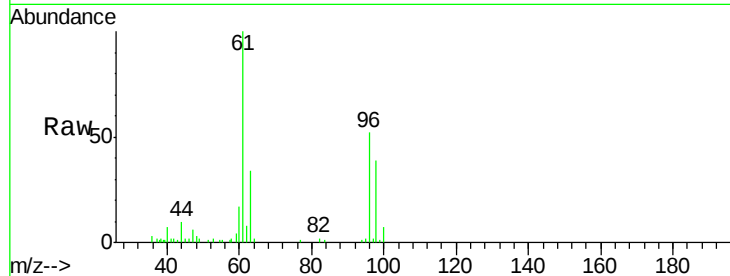
Tot Ion: 96 Resp: 4852

Ion Ratio Lower Upper

96 100

61 191.2 142.2 213.2

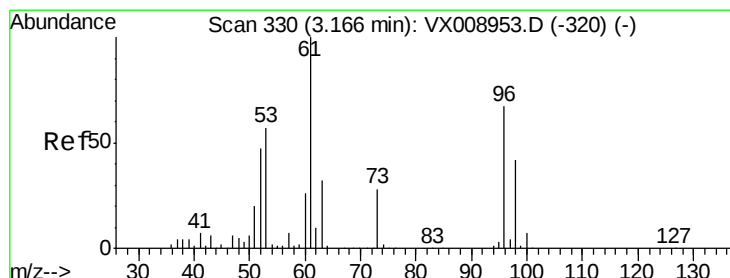
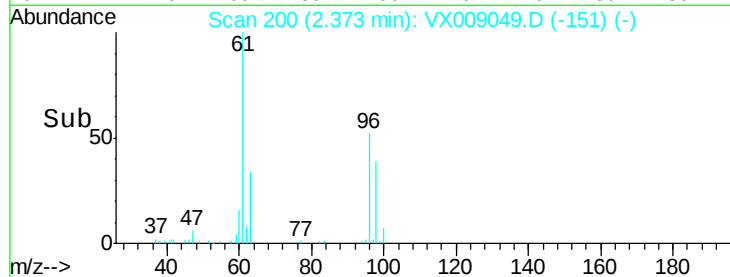
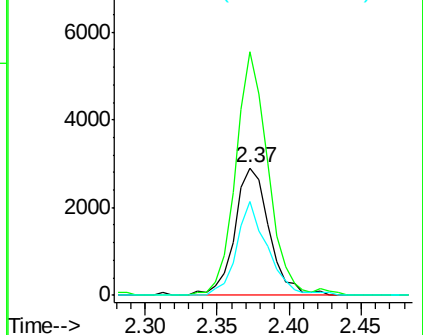
98 73.7 50.9 76.3



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



#21

trans-1,2-Dichloroethene

Concen: 0.952 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009049.D

Acq: 18 Apr 2019 17:18

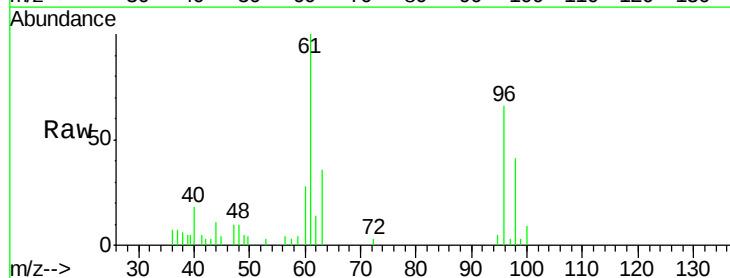
Tgt Ion: 96 Resp: 2564

Ion Ratio Lower Upper

96 100

61 150.6 120.3 180.5

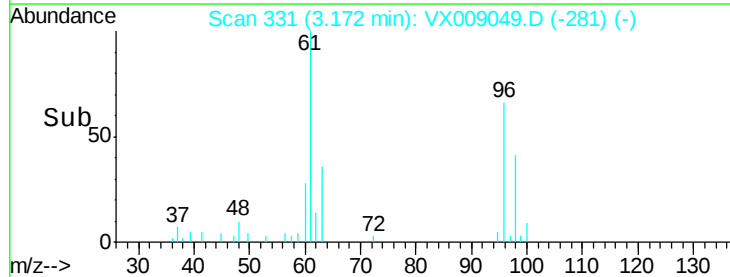
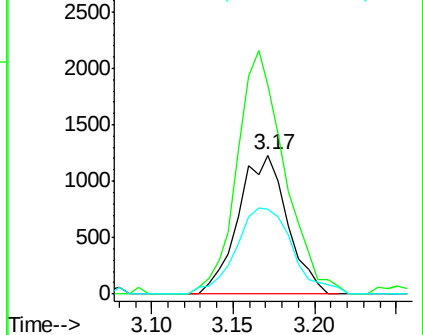
98 61.2 50.2 75.2

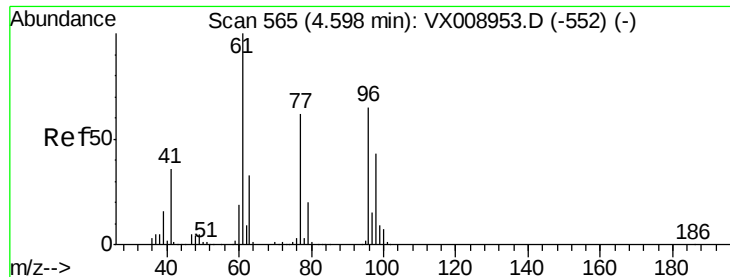


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



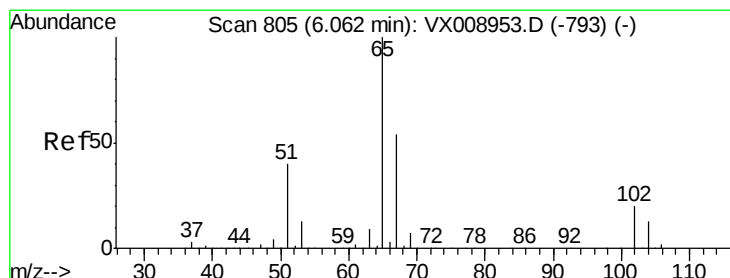
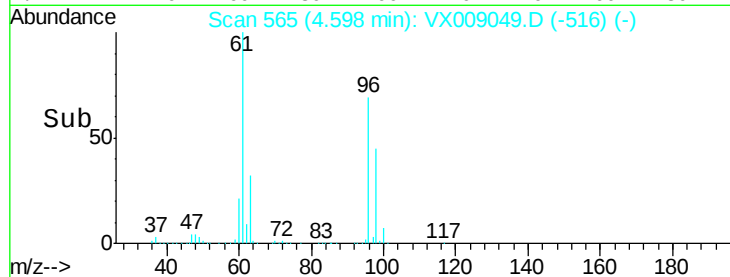
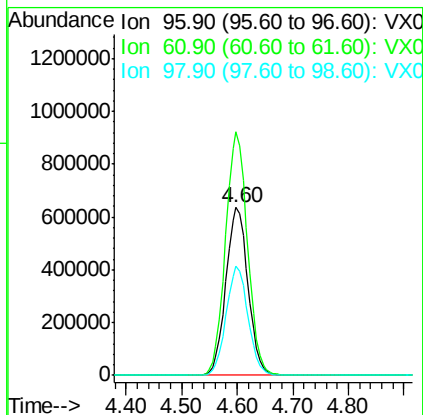
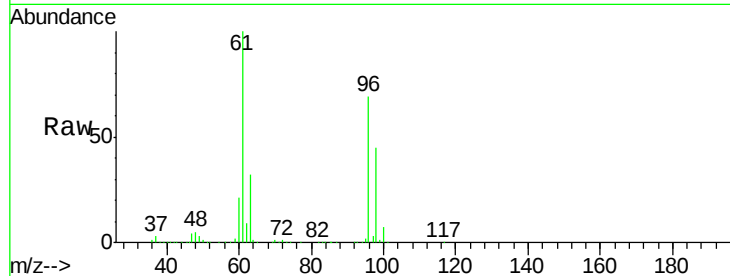


#27

cis-1,2-Dichloroethene
 Concen: 570.872 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009049.D
 Acq: 18 Apr 2019 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW301-190416

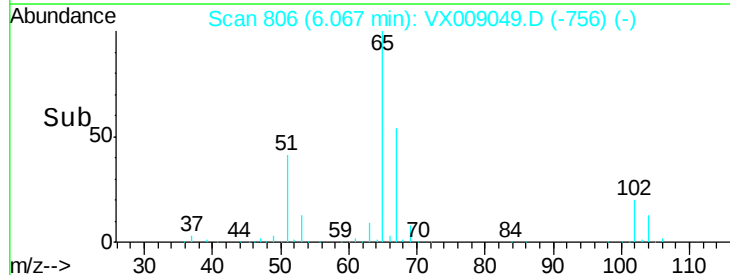
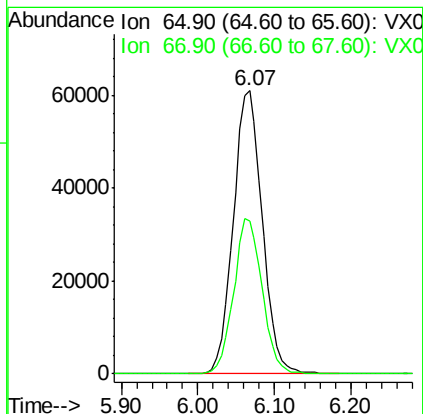
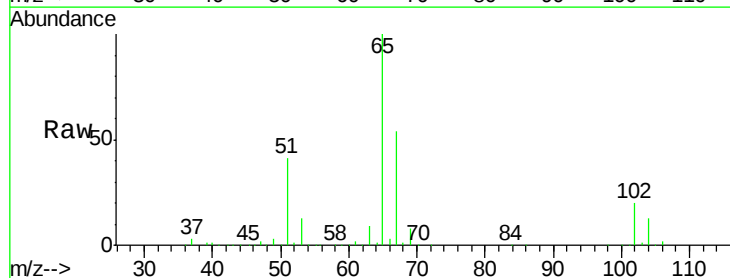
Tot Ion: 96 Resp: 1744765
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 322.0
 98 64.3 0.0 128.4

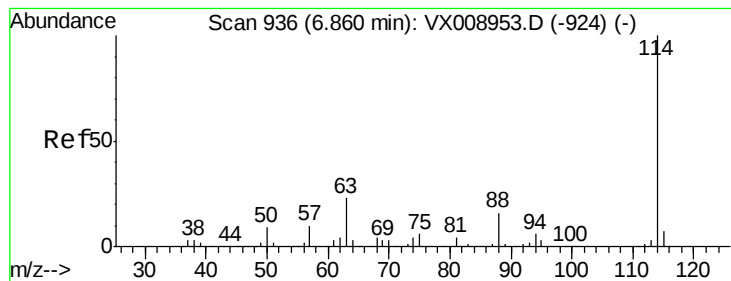


#33

1,2-Dichloroethane-d4
 Concen: 48.119 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009049.D
 Acq: 18 Apr 2019 17:18

Tgt Ion: 65 Resp: 159595
 Ion Ratio Lower Upper
 65 100
 67 53.8 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: VX009049.D

Acq: 18 Apr 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

SS037MW301-190416

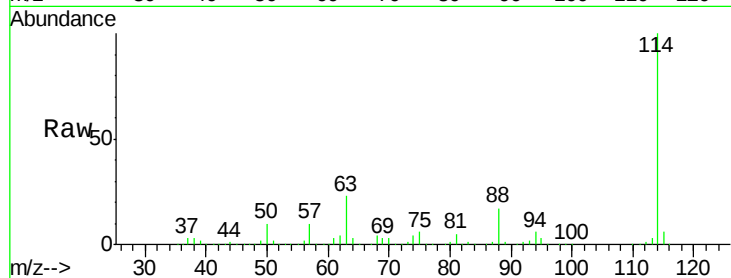
Tot Ion:114 Resp: 382369

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.0

88 16.6 0.0 32.6

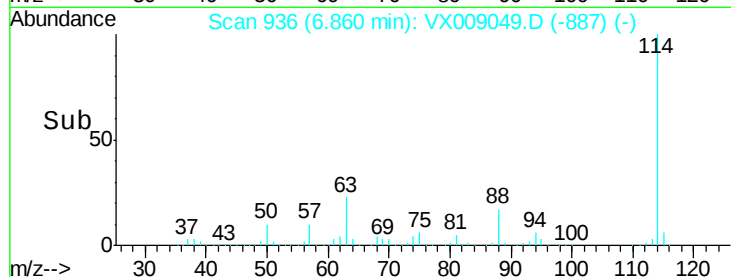


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

Time-->



6.86

200000

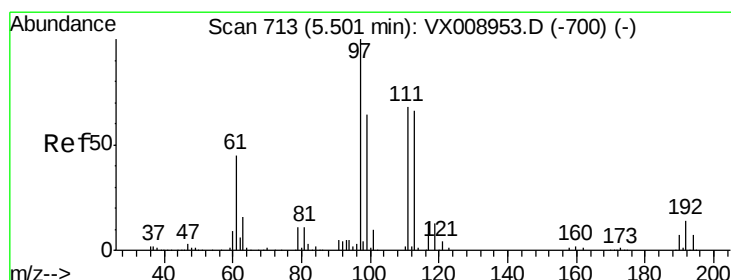
150000

100000

50000

0

6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 47.502 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009049.D

Acq: 18 Apr 2019 17:18

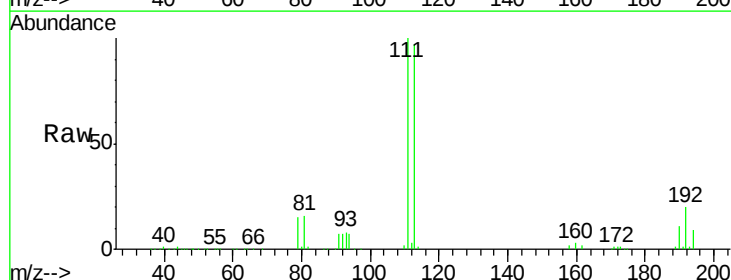
Tgt Ion:113 Resp: 116568

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

192 21.3 17.4 26.0

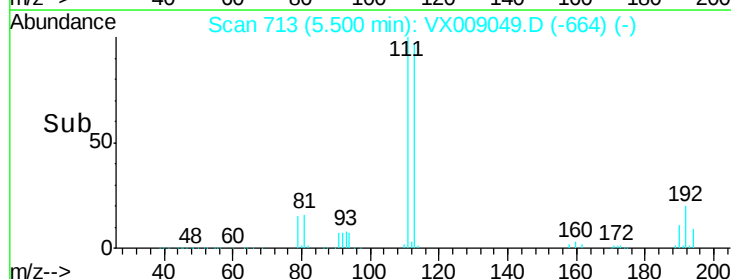


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



5.50

50000

40000

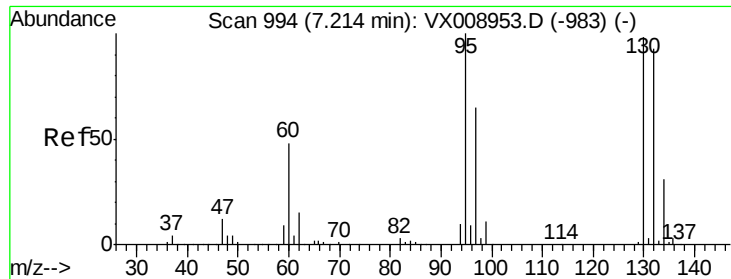
30000

20000

10000

0

5.40 5.50 5.60 5.70



#44

Trichloroethene

Concen: 2.055 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009049.D

Acq: 18 Apr 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

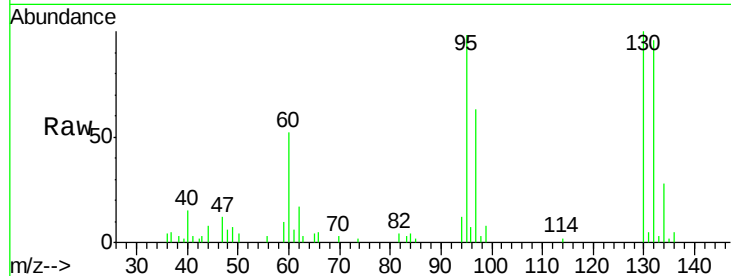
SS037MW301-190416

Tot Ion:130 Resp: 5875

Ion Ratio Lower Upper

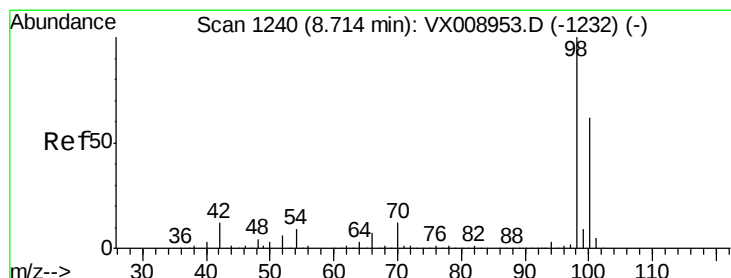
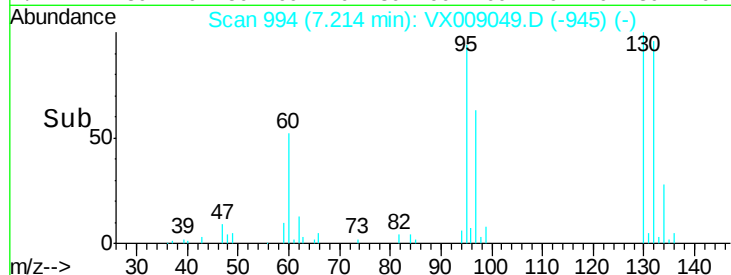
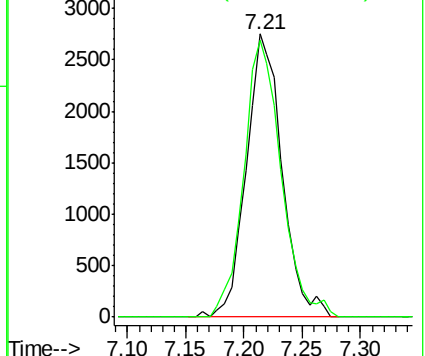
130 100

95 97.9 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: 47.901 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009049.D

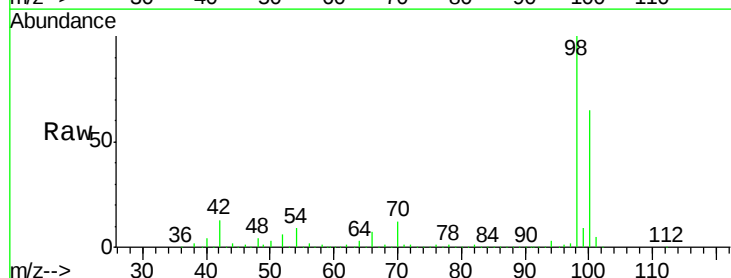
Acq: 18 Apr 2019 17:18

Tgt Ion: 98 Resp: 468787

Ion Ratio Lower Upper

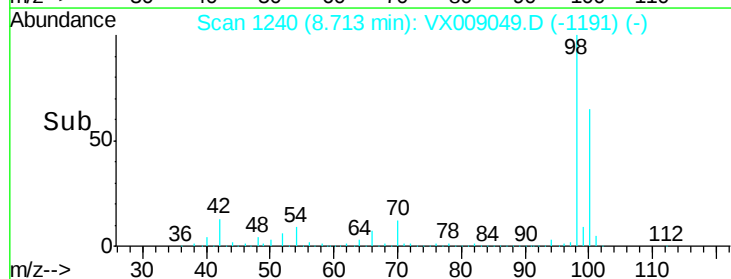
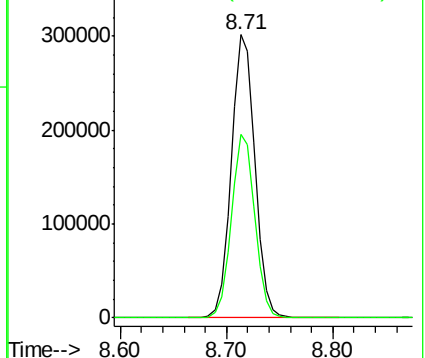
98 100

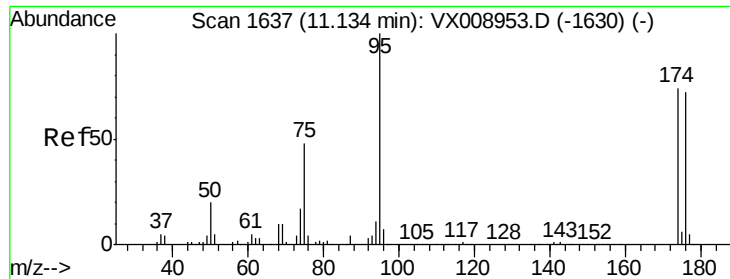
100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.212 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009049.D

Acq: 18 Apr 2019 17:18

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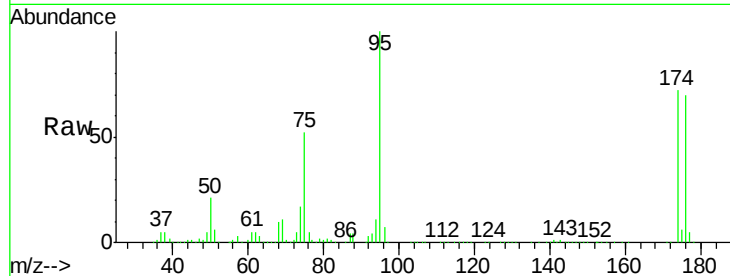
Tot Ion: 95 Resp: 152738

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.6

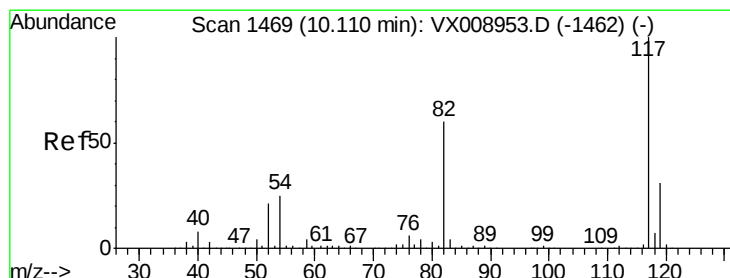
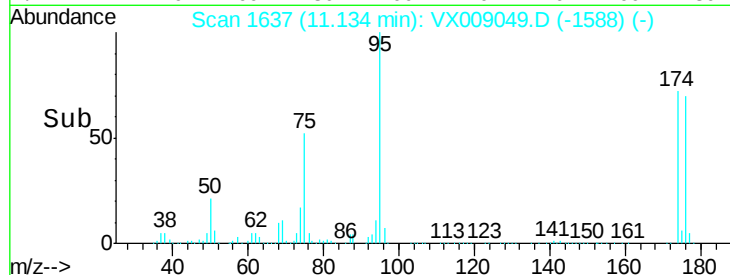
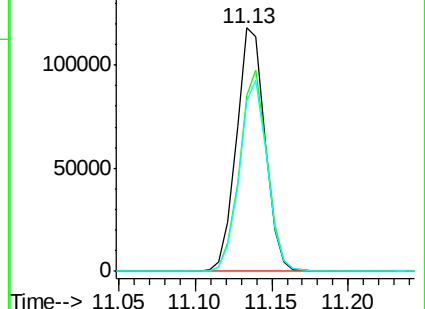
176 76.0 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009049.D

Acq: 18 Apr 2019 17:18

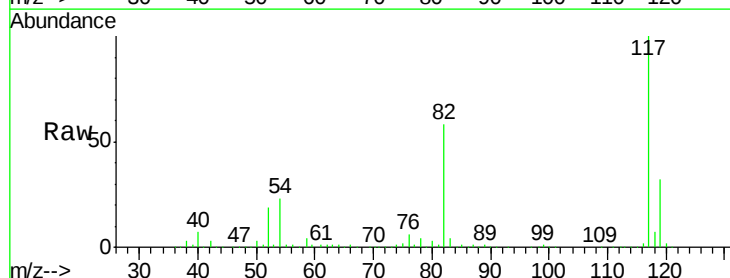
Tgt Ion: 117 Resp: 324100

Ion Ratio Lower Upper

117 100

82 57.8 48.2 72.4

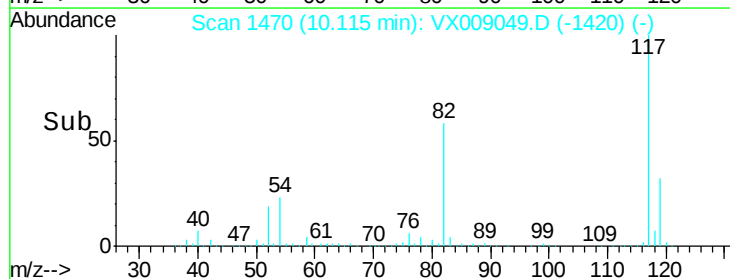
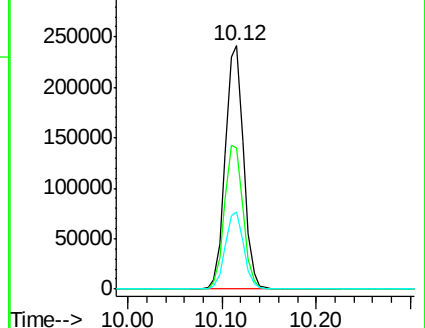
119 31.8 25.0 37.6

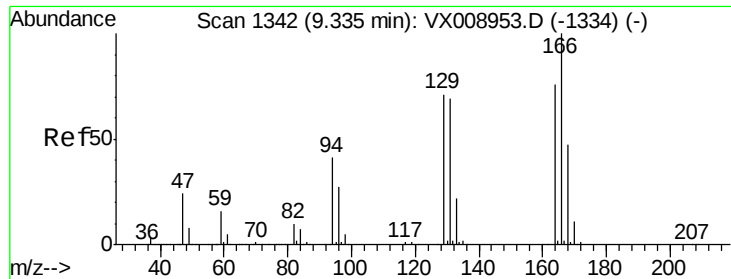


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

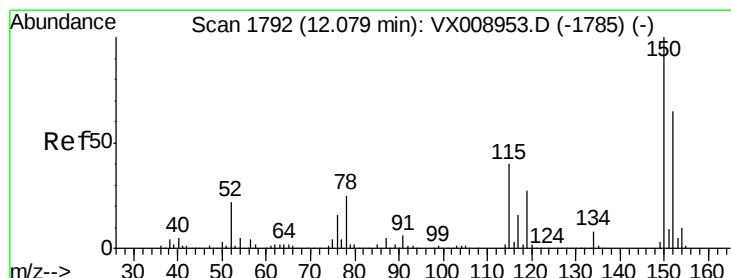
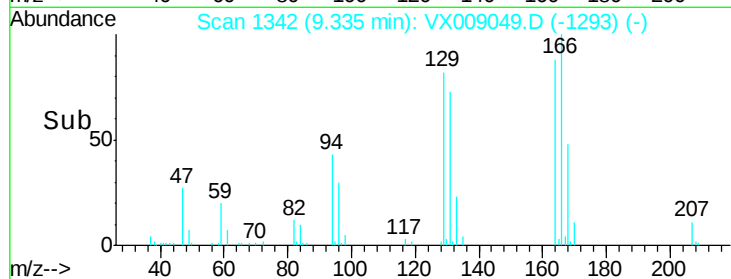
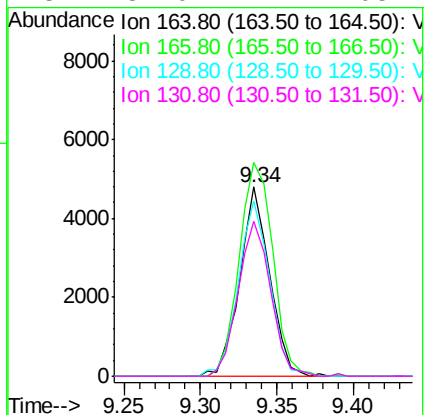
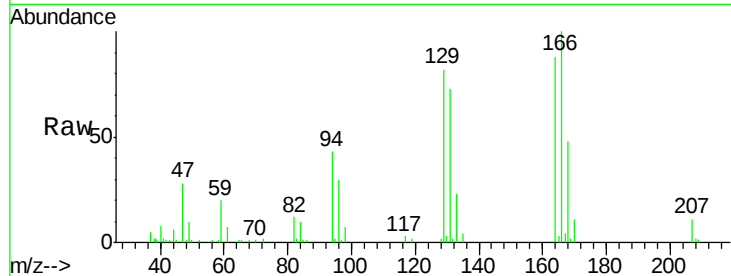




#64
Tetrachloroethene
Concen: 2.640 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009049.D
Acq: 18 Apr 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
SS037MW301-190416

Tot Ion:164 Resp: 6501
Ion Ratio Lower Upper
164 100
166 113.0 105.0 157.4
129 92.5 74.2 111.4
131 82.0 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: VX009049.D
Acq: 18 Apr 2019 17:18

Tgt Ion:152 Resp: 134870
Ion Ratio Lower Upper
152 100
115 59.4 41.4 124.2
150 156.7 0.0 349.8

