

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041919\
 Data File : VX009068.D
 Acq On : 19 Apr 2019 14:20
 Operator : JC/SP
 Sample : K2449-16DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0512-190416DL

Quant Time: Apr 20 01:24:49 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

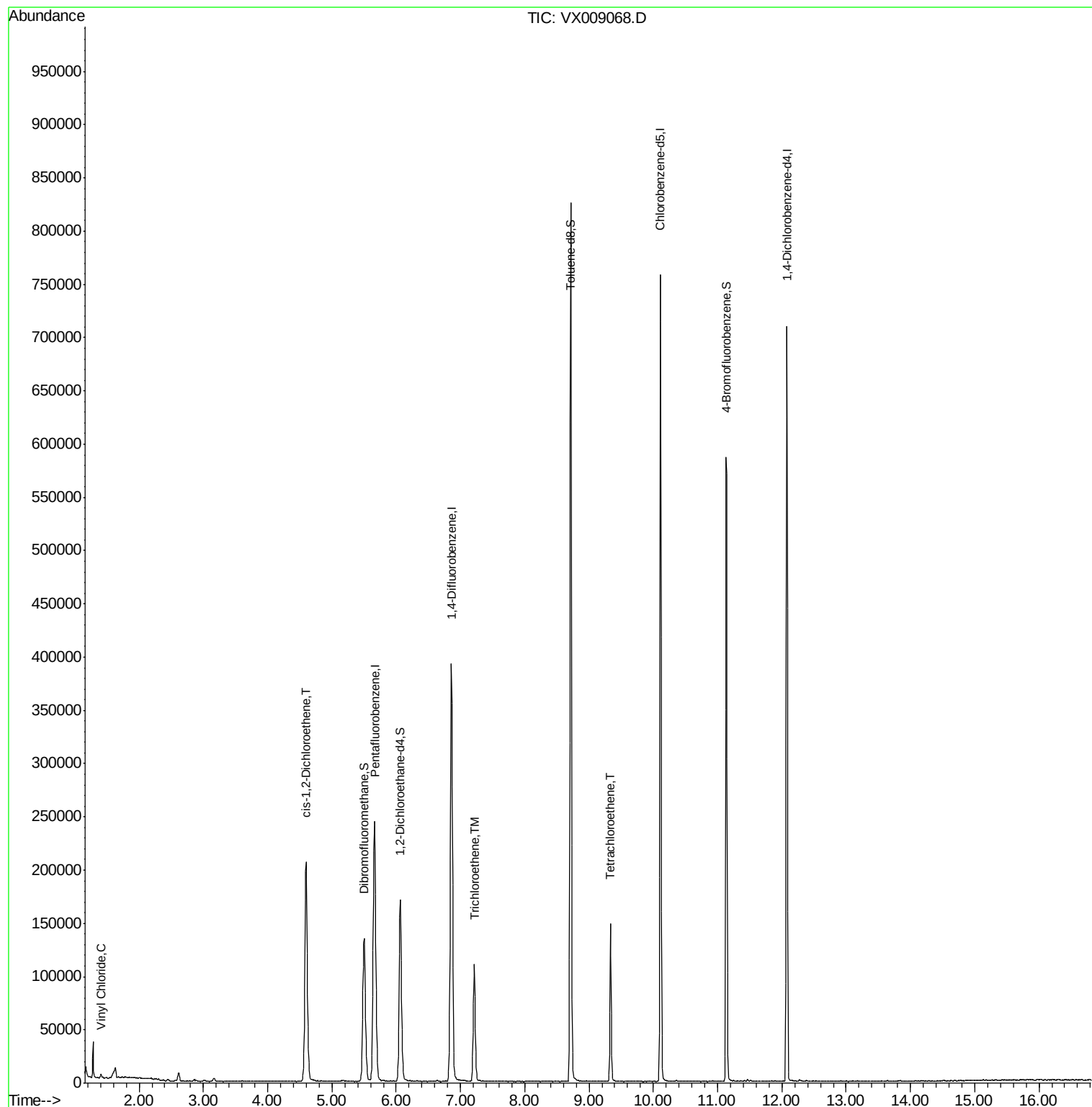
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	162591	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	5.50	113	116673	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	8.71	98	476975	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.13	95	157427	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
4) Vinyl Chloride	1.41	62	2178	0.663	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	126632	40.836	ug/l	91
44) Trichloroethene	7.21	130	42093	14.580	ug/l	100
64) Tetrachloroethene	9.34	164	27821	11.030	ug/l	97

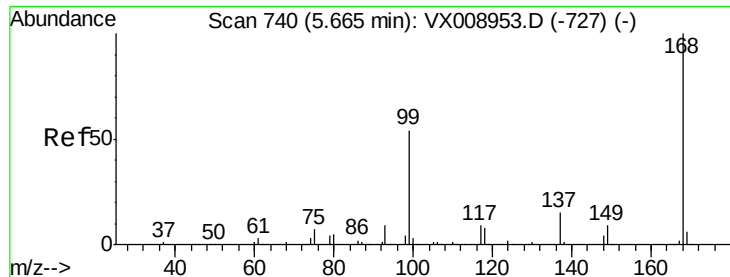
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 06:47:58 2019
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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: VX009068.D

Acq: 19 Apr 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

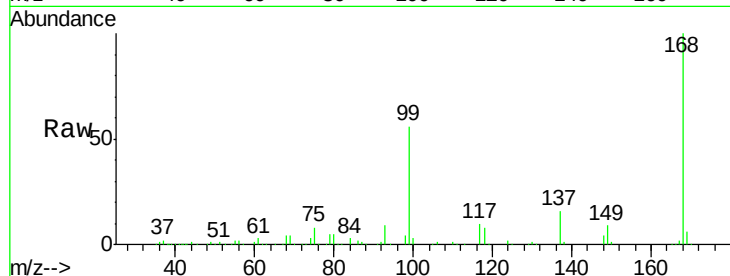
DUP-0512-190416DL

Tot Ion:168 Resp: 238784

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

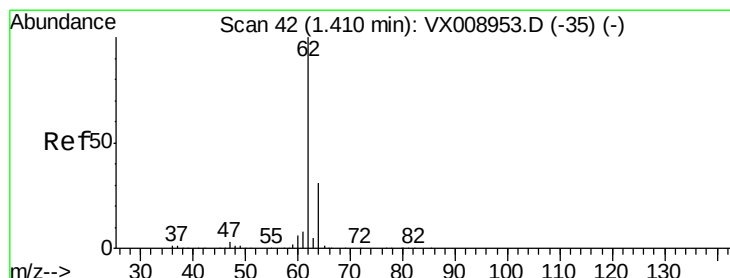
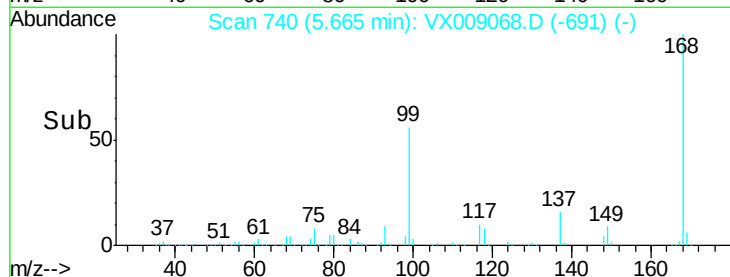
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.663 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009068.D

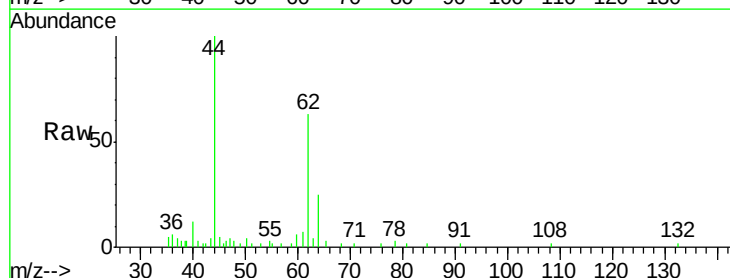
Acq: 19 Apr 2019 14:20

Tgt Ion: 62 Resp: 2178

Ion Ratio Lower Upper

62 100

64 35.1 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

2000

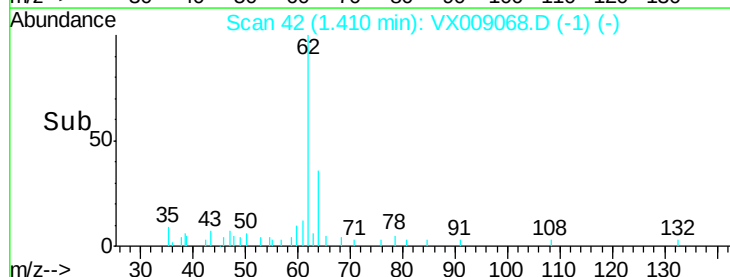
1500

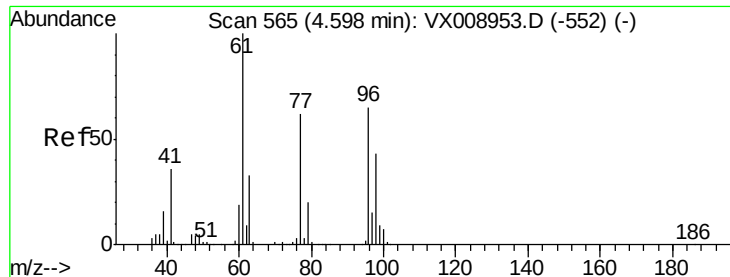
1000

500

0

Time--> 1.35 1.40 1.45



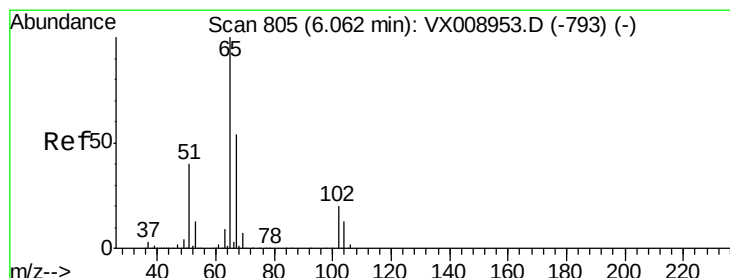
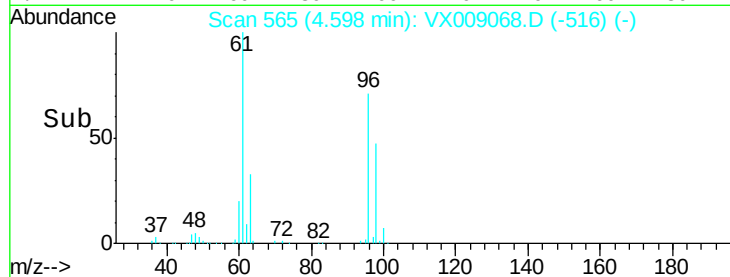
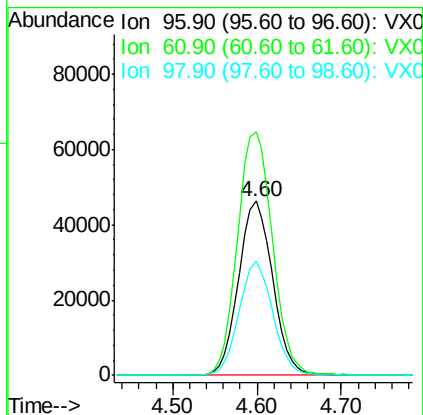
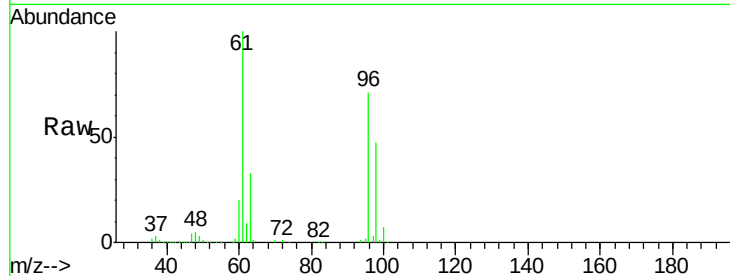


#27

cis-1,2-Dichloroethene
 Concen: 40.836 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009068.D
 Acq: 19 Apr 2019 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0512-190416DL

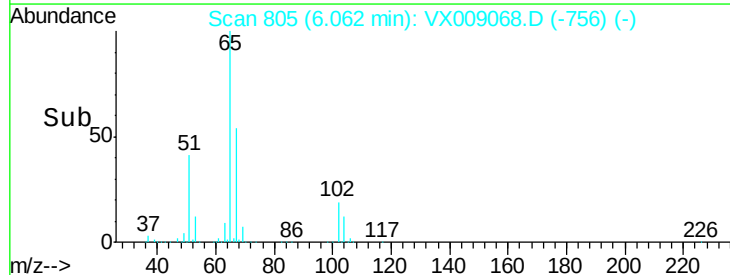
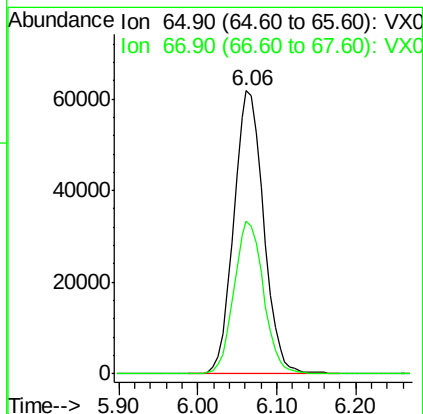
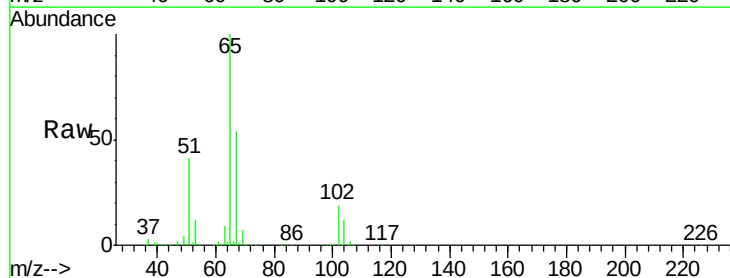
Tot Ion: 96 Resp: 126632
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 322.0
 98 64.9 0.0 128.4

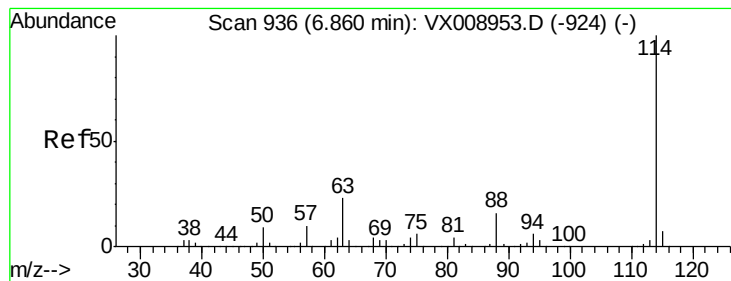


#33

1,2-Dichloroethane-d4
 Concen: 48.316 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009068.D
 Acq: 19 Apr 2019 14:20

Tgt Ion: 65 Resp: 162591
 Ion Ratio Lower Upper
 65 100
 67 53.4 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: VX009068.D

Acq: 19 Apr 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

DUP-0512-190416DL

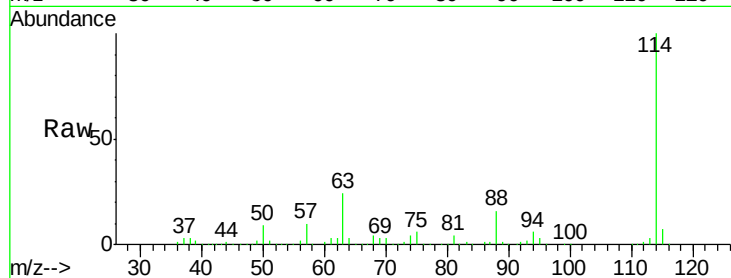
Tot Ion:114 Resp: 386201

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.0

88 16.4 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

6.86

200000

150000

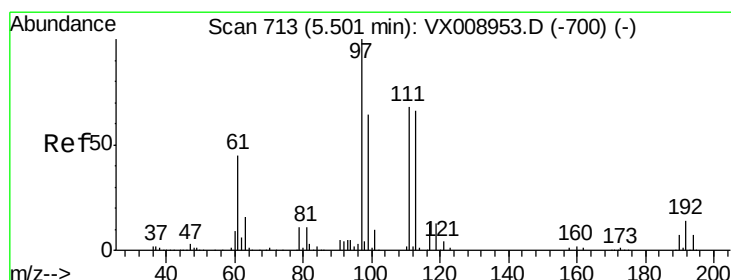
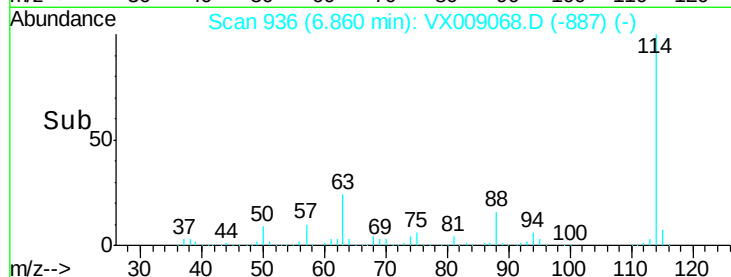
100000

50000

0

Time-->

6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 47.073 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009068.D

Acq: 19 Apr 2019 14:20

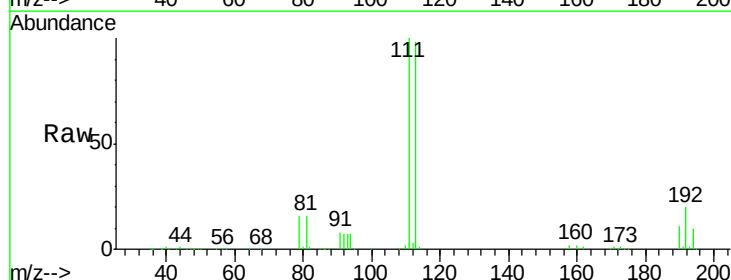
Tgt Ion:113 Resp: 116673

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 21.1 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

5.50

50000

40000

30000

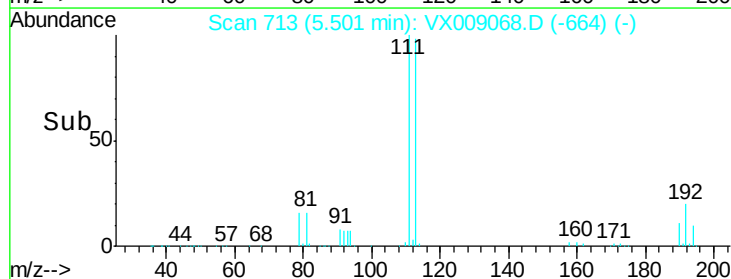
20000

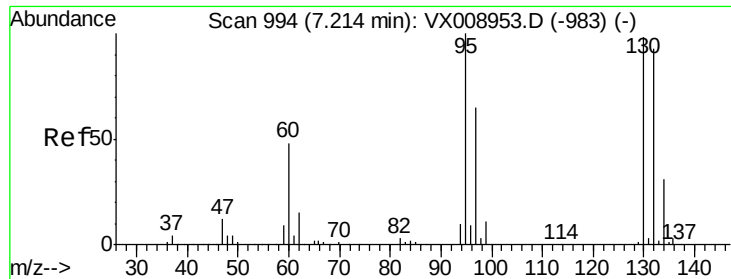
10000

0

Time-->

5.40 5.50 5.60

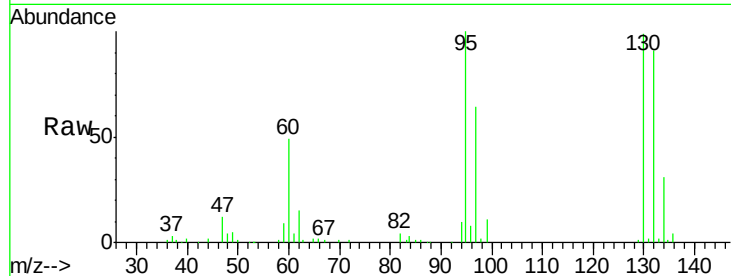




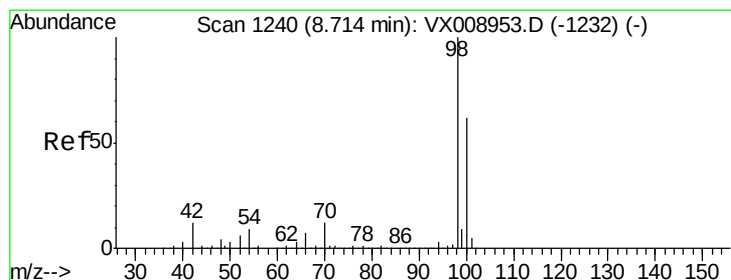
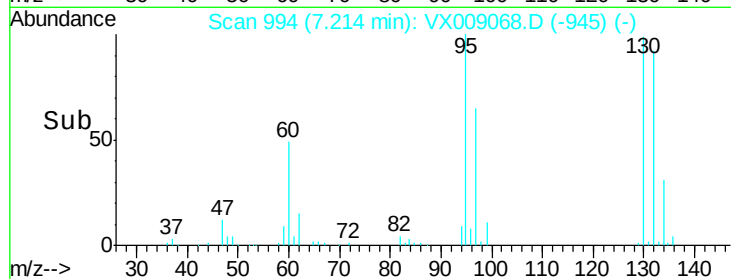
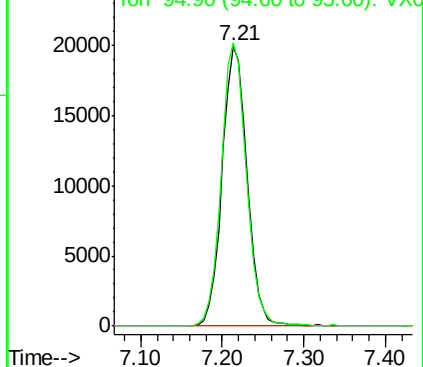
#44
 Trichloroethene
 Concen: 14.580 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009068.D
 Acq: 19 Apr 2019 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0512-190416DL

Tot Ion:130 Resp: 42093
 Ion Ratio Lower Upper
 130 100
 95 101.2 0.0 203.2

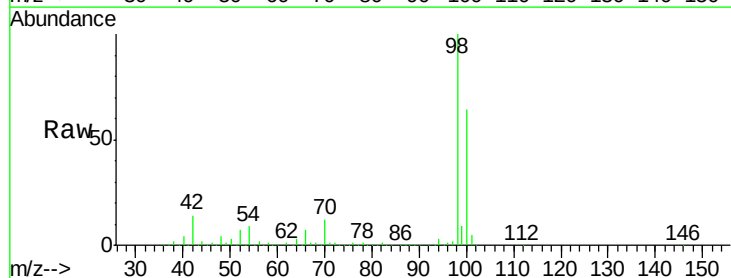


Abundance Ion 129.80 (129.50 to 130.50): V

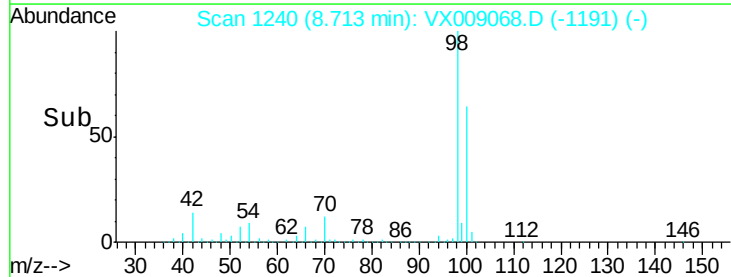
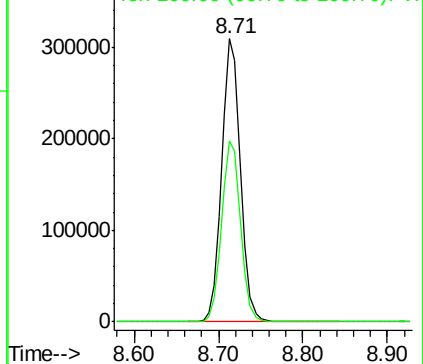


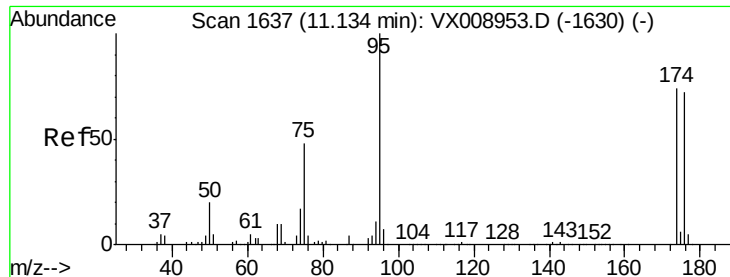
#50
 Toluene-d8
 Concen: 48.254 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009068.D
 Acq: 19 Apr 2019 14:20

Tgt Ion: 98 Resp: 476975
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

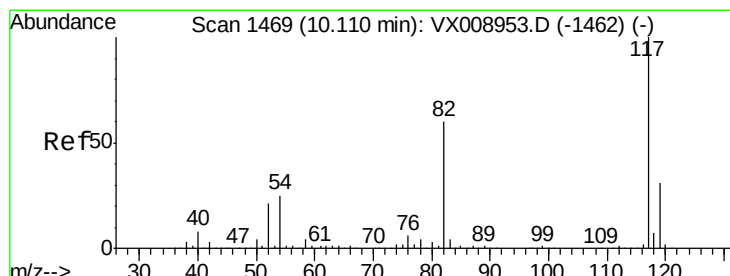
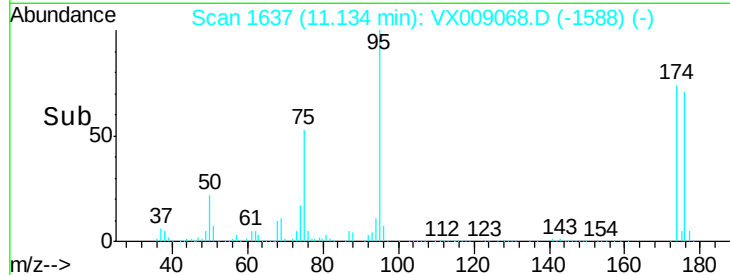
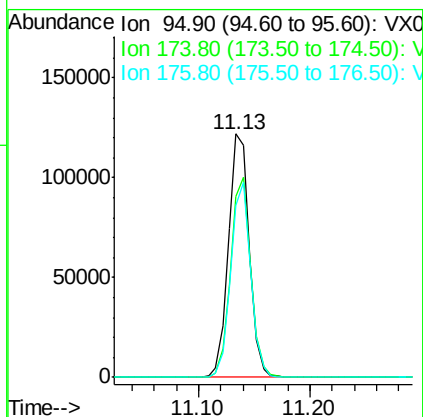
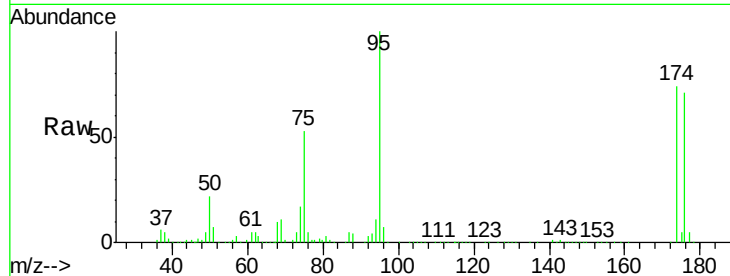




#62
4-Bromofluorobenzene
Concen: 45.117 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009068.D
Acq: 19 Apr 2019 14:20

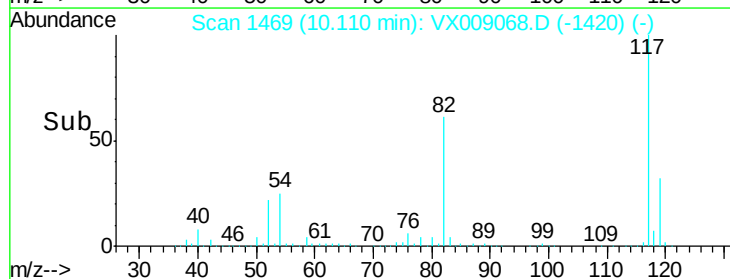
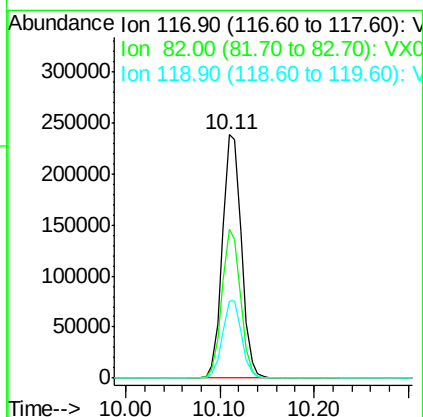
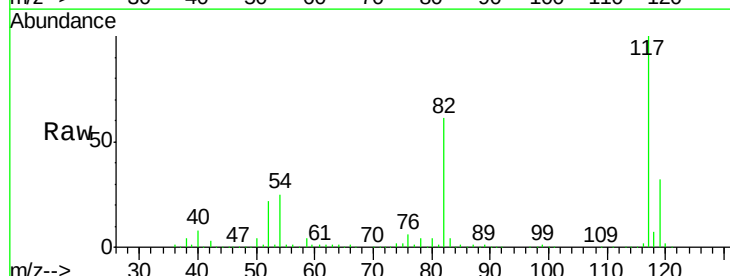
Instrument :
MSVOA_X
ClientSampleId :
DUP-0512-190416DL

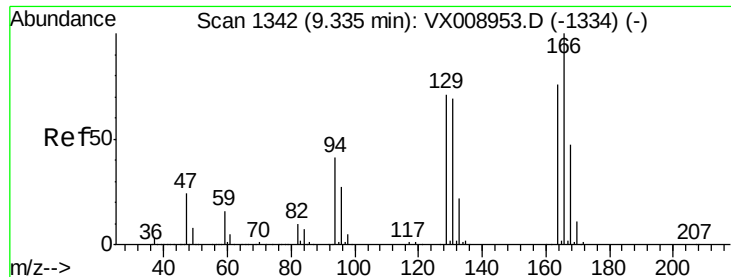
Tot Ion: 95 Resp: 157427
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.6
176 76.7 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009068.D
Acq: 19 Apr 2019 14:20

Tgt Ion: 117 Resp: 332013
Ion Ratio Lower Upper
117 100
82 61.2 48.2 72.4
119 31.7 25.0 37.6





#64

Tetrachloroethene

Concen: 11.030 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009068.D

Acq: 19 Apr 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

DUP-0512-190416DL

Tot Ion:164 Resp: 27821

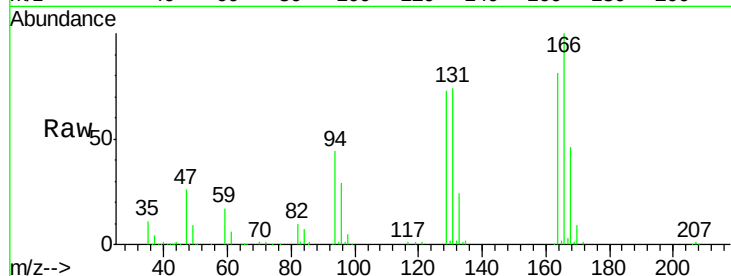
Ion Ratio Lower Upper

164 100

166 124.2 105.0 157.4

129 91.2 74.2 111.4

131 91.5 72.2 108.2

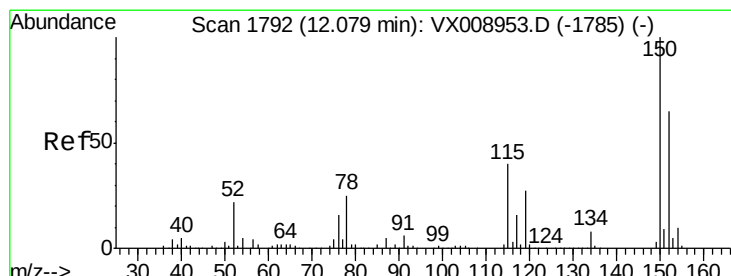
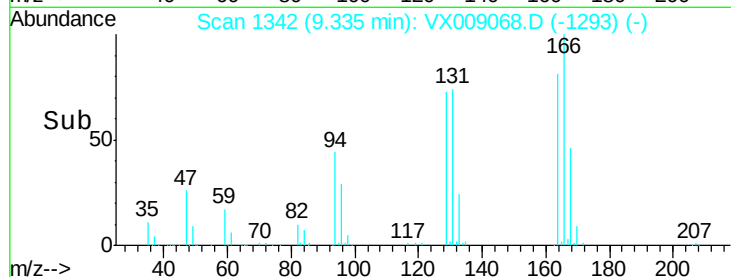
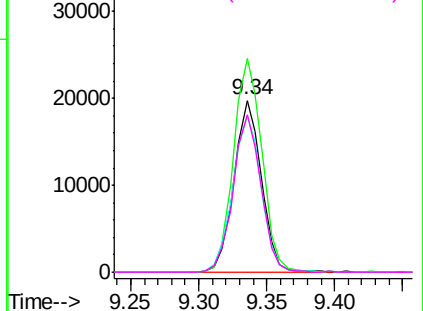


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009068.D

Acq: 19 Apr 2019 14:20

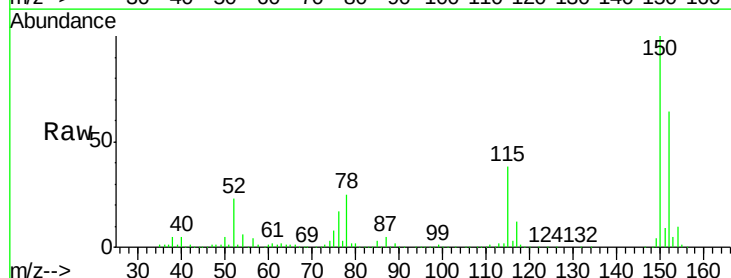
Tgt Ion:152 Resp: 138924

Ion Ratio Lower Upper

152 100

115 59.9 41.4 124.2

150 156.9 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

