

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009506.D
 Acq On : 11 May 2019 01:07
 Operator : JC/SP
 Sample : K2810-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0523-190509

Quant Time: May 11 12:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

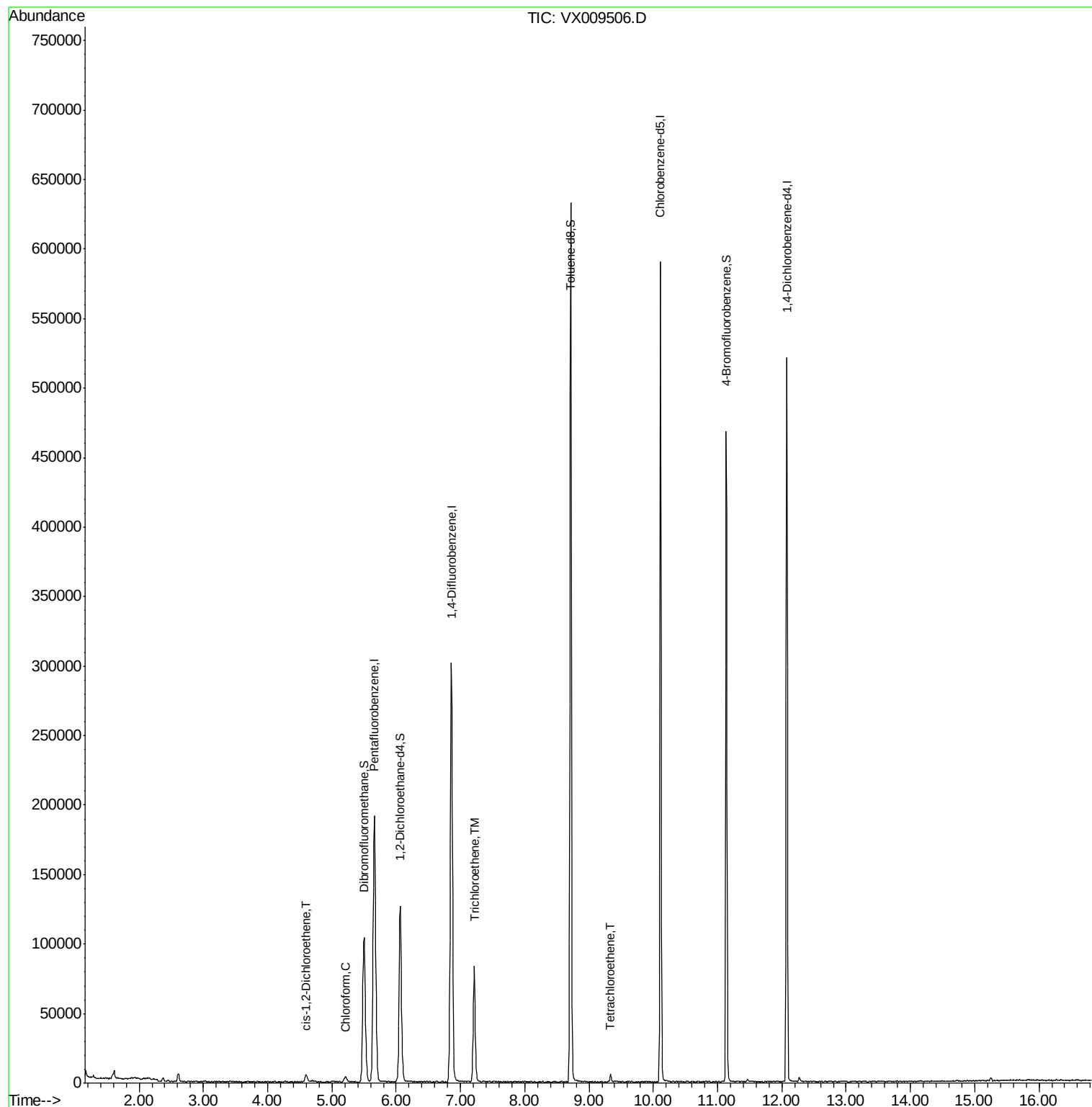
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122154	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	5.50	113	88970	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	8.71	98	365938	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.13	95	119691	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	3094	1.378	ug/l	88
30) Chloroform	5.22	83	4159	1.146	ug/l	90
44) Trichloroethene	7.21	130	31925	15.522	ug/l	99
64) Tetrachloroethene	9.34	164	925	0.525	ug/l #	86

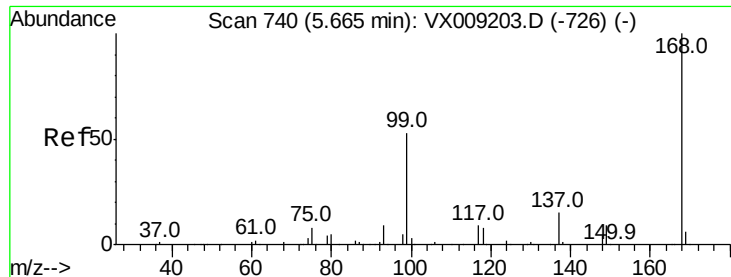
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 07:31:15 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009506.D

Acq: 11 May 2019 01:07

Instrument :

MSVOA_X

ClientSampleId :

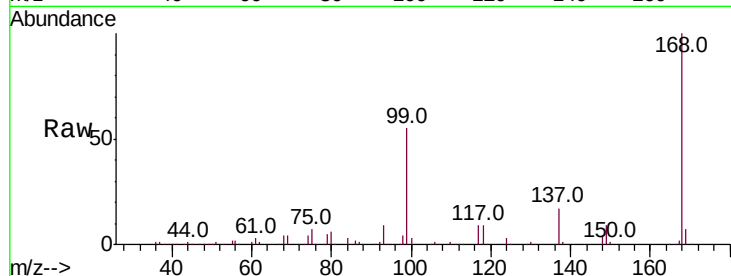
DUP-0523-190509

Tot Ion:168 Resp: 184895

Ion Ratio Lower Upper

168 100

99 54.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

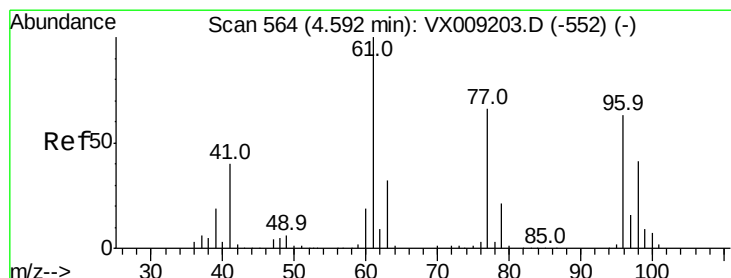
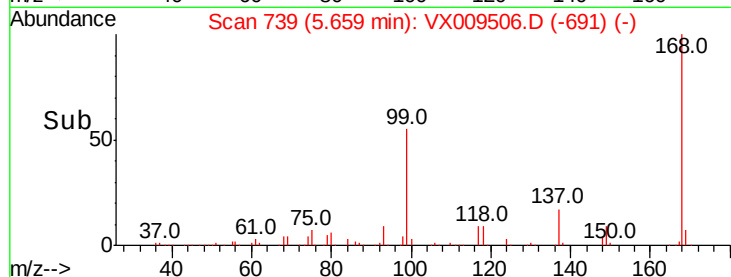
40000

20000

0

Time-->

5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.378 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX009506.D

Acq: 11 May 2019 01:07

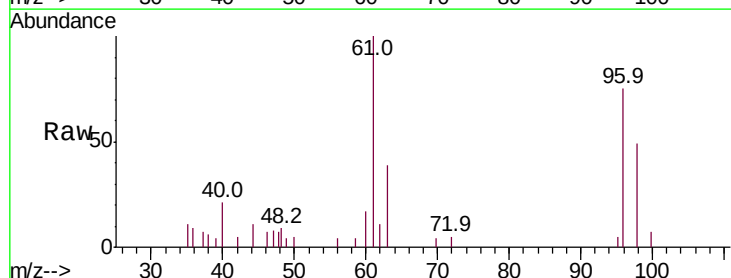
Tgt Ion: 96 Resp: 3094

Ion Ratio Lower Upper

96 100

61 141.3 0.0 324.0

98 68.5 0.0 130.4



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

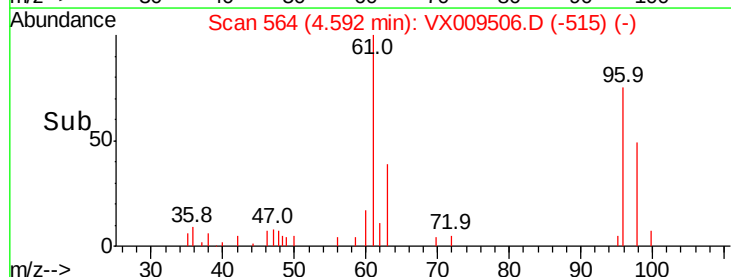
1000

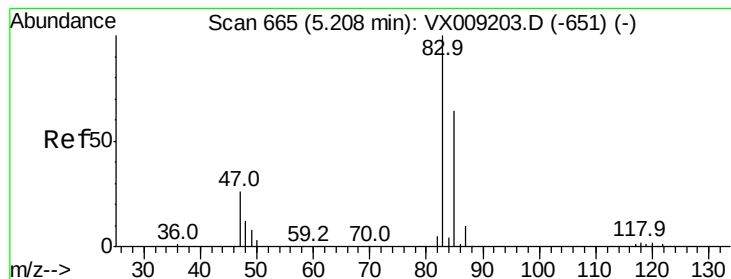
500

0

Time-->

4.50 4.60 4.70





#30

Chloroform

Concen: 1.146 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX009506.D

Acq: 11 May 2019 01:07

Instrument :

MSVOA_X

ClientSampleId :

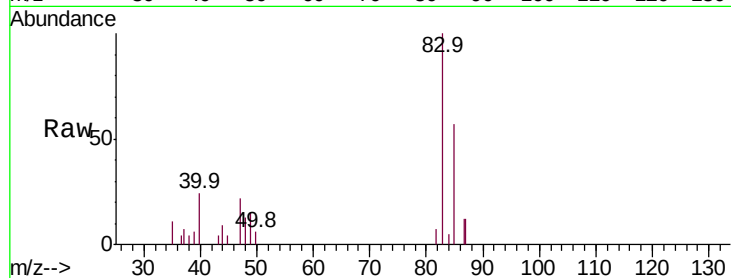
DUP-0523-190509

Tot Ion: 83 Resp: 4159

Ion Ratio Lower Upper

83 100

85 56.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.22

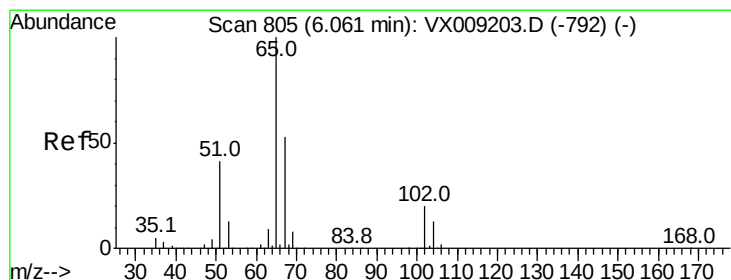
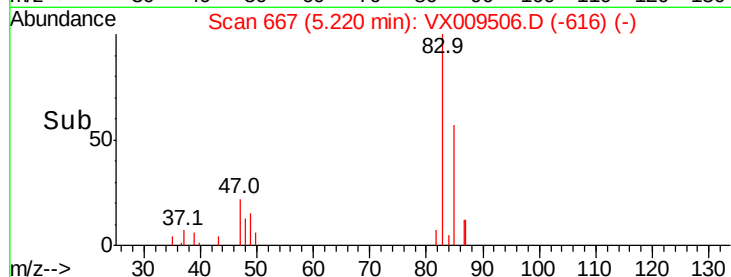
1500

1000

500

0

Time--> 5.10 5.15 5.20 5.25 5.30



#33

1,2-Dichloroethane-d4

Concen: 48.396 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009506.D

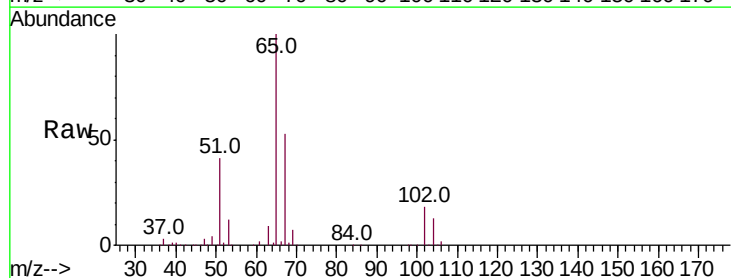
Acq: 11 May 2019 01:07

Tgt Ion: 65 Resp: 122154

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

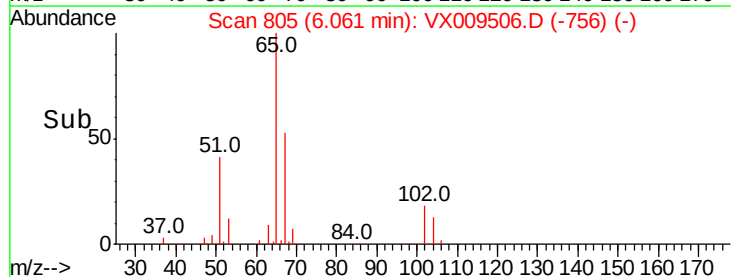
30000

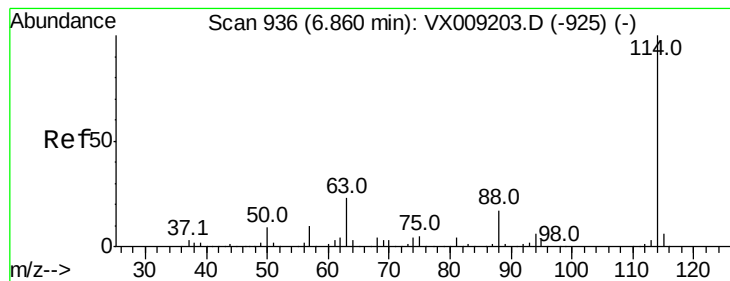
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009506.D

Acq: 11 May 2019 01:07

Instrument :

MSVOA_X

ClientSampleId :

DUP-0523-190509

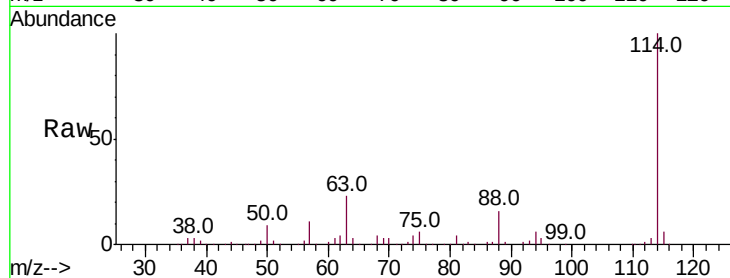
Tot Ion:114 Resp: 295810

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

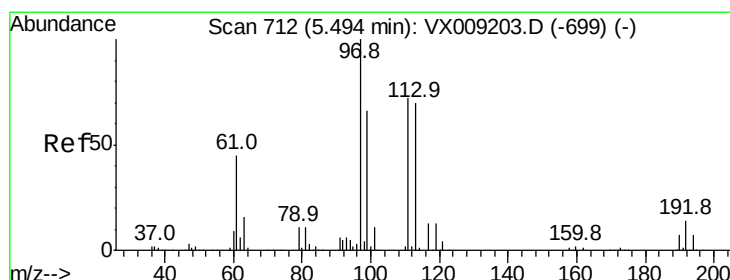
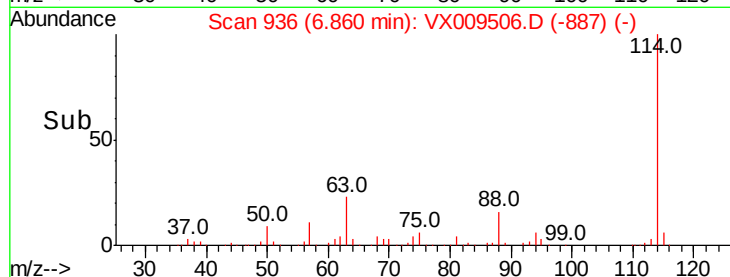
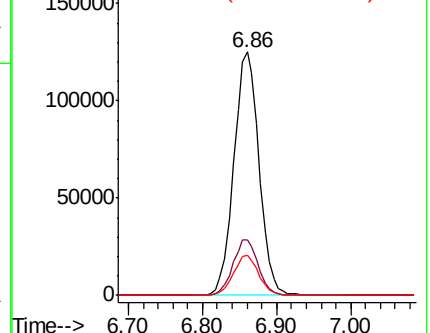
88 16.3 0.0 33.2



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



#35

Dibromofluoromethane

Concen: 47.844 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009506.D

Acq: 11 May 2019 01:07

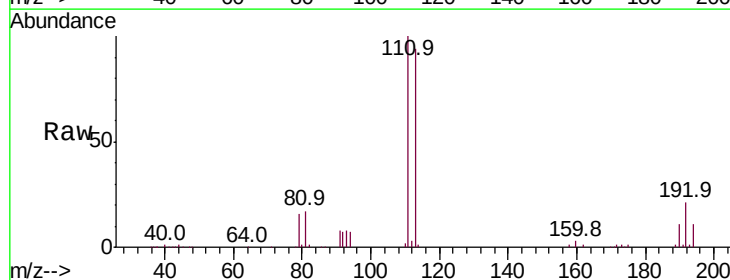
Tgt Ion:113 Resp: 88970

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

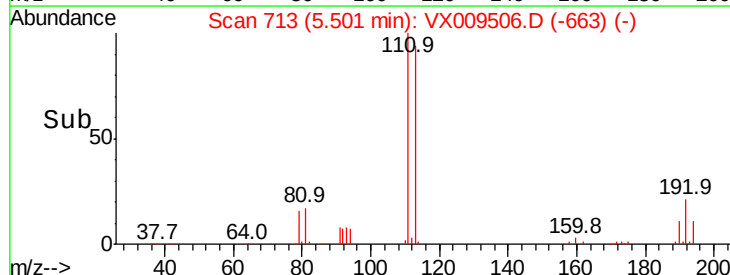
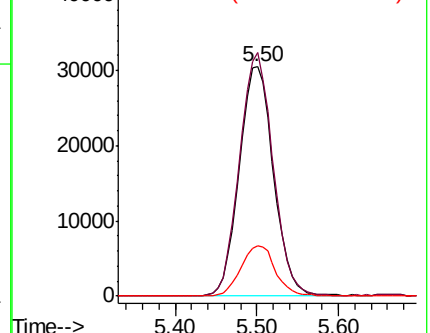
192 22.1 17.0 25.6

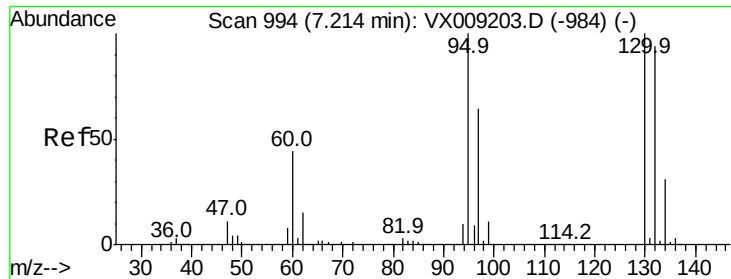


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

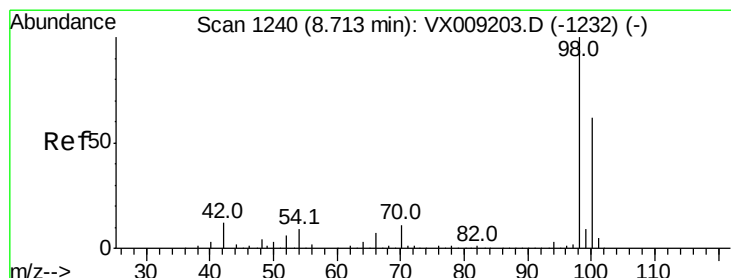
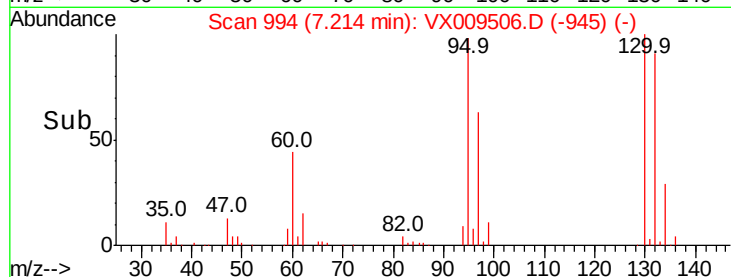
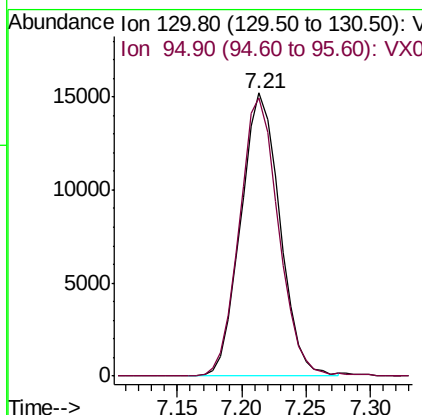
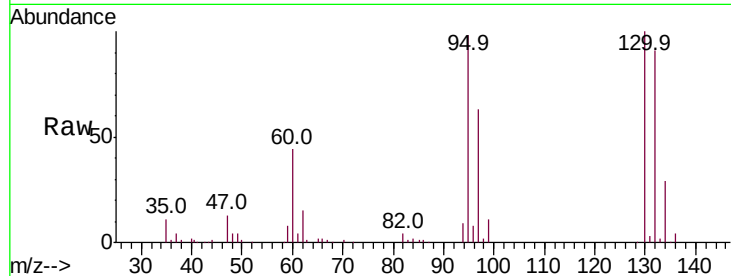




#44
 Trichloroethene
 Concen: 15.522 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009506.D
 Acq: 11 May 2019 01:07

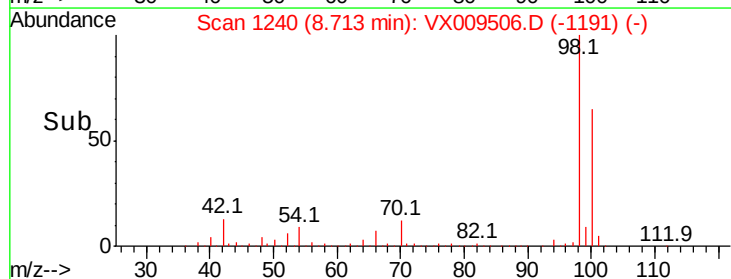
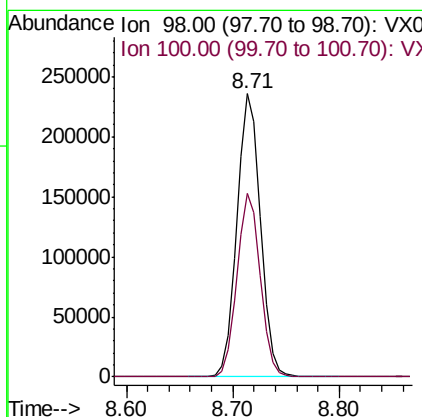
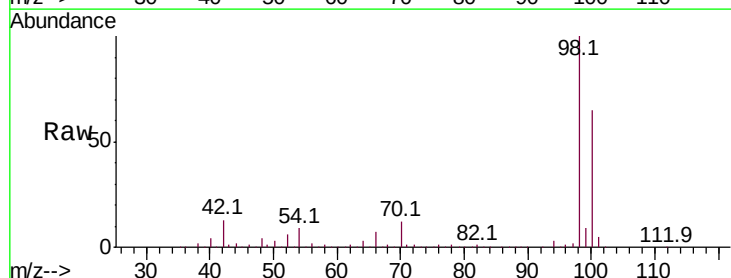
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0523-190509

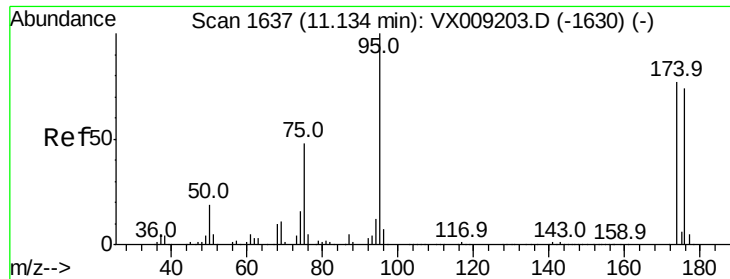
Tot Ion:130 Resp: 31925
 Ion Ratio Lower Upper
 130 100
 95 98.4 0.0 199.2



#50
 Toluene-d8
 Concen: 48.742 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009506.D
 Acq: 11 May 2019 01:07

Tgt Ion: 98 Resp: 365938
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8

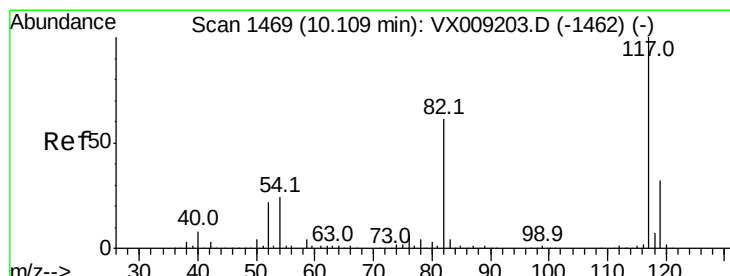
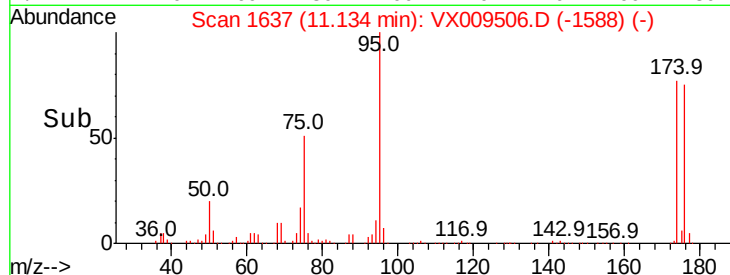
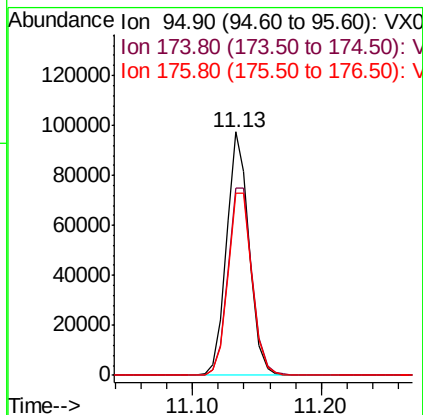
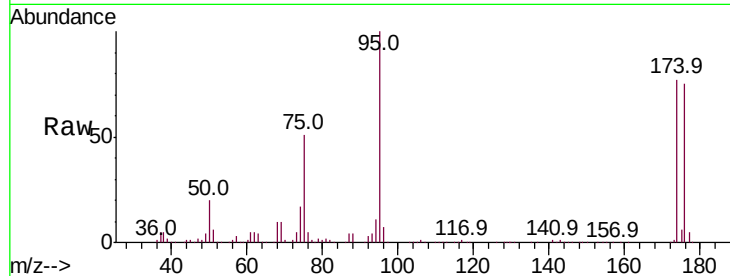




#62
4-Bromofluorobenzene
Concen: 43.875 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009506.D
Acq: 11 May 2019 01:07

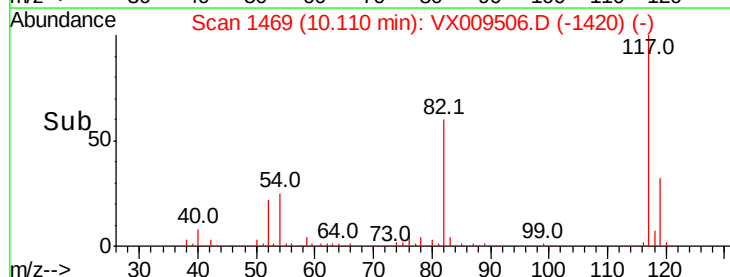
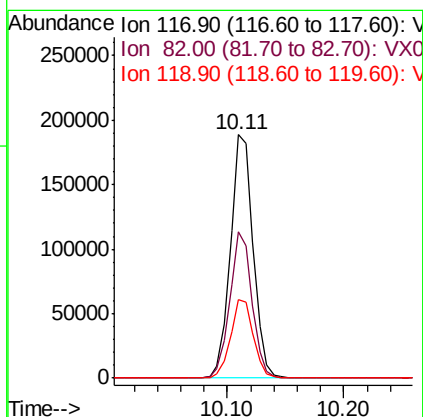
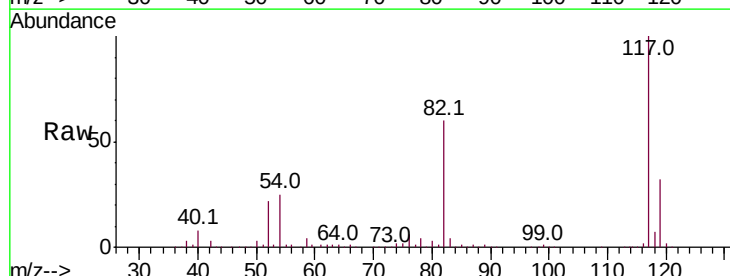
Instrument :
MSVOA_X
ClientSampleId :
DUP-0523-190509

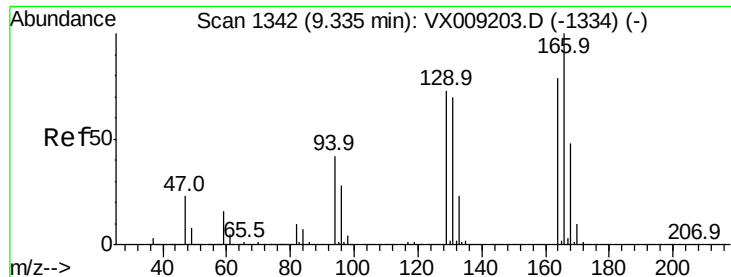
Tot Ion: 95 Resp: 119691
Ion Ratio Lower Upper
95 100
174 83.0 0.0 161.6
176 80.4 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009506.D
Acq: 11 May 2019 01:07

Tgt Ion: 117 Resp: 256918
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 32.2 25.8 38.6





#64

Tetrachloroethene

Concen: 0.525 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009506.D

Acq: 11 May 2019 01:07

Instrument :

MSVOA_X

ClientSampleId :

DUP-0523-190509

Tot Ion:164 Resp: 925

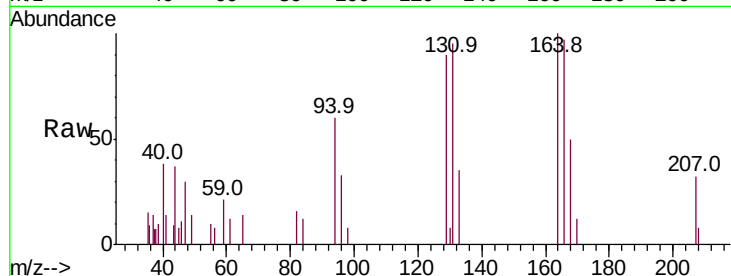
Ion Ratio Lower Upper

164 100

166 96.7 101.2 151.8#

129 89.8 74.3 111.5

131 95.0 71.0 106.6



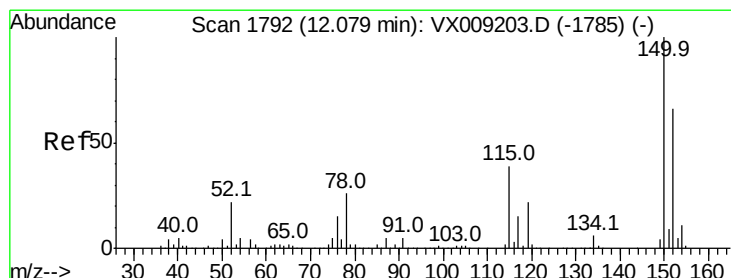
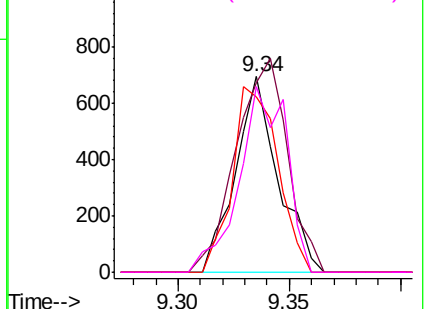
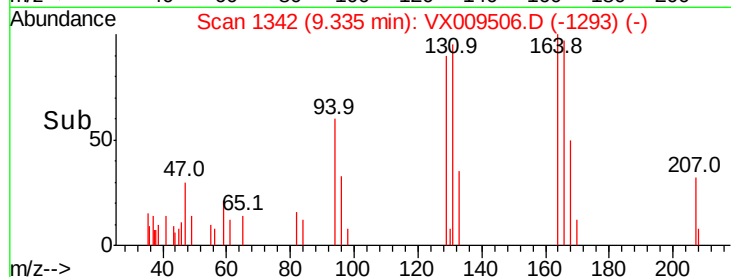
Abundance

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: VX009506.D

Acq: 11 May 2019 01:07

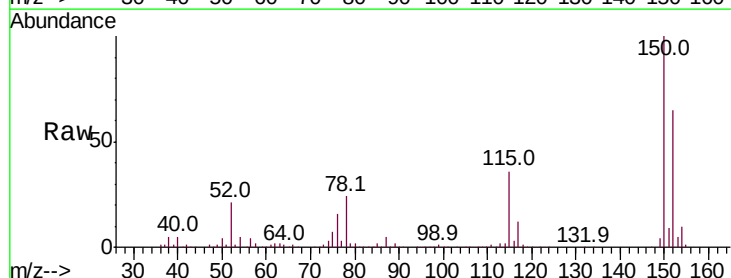
Tgt Ion:152 Resp: 107879

Ion Ratio Lower Upper

152 100

115 58.5 41.2 123.6

150 157.4 0.0 346.4



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

