

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009453.D
 Acq On : 10 May 2019 01:53
 Operator : JC/SP
 Sample : K2782-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW271-190507

Quant Time: May 10 08:38:35 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

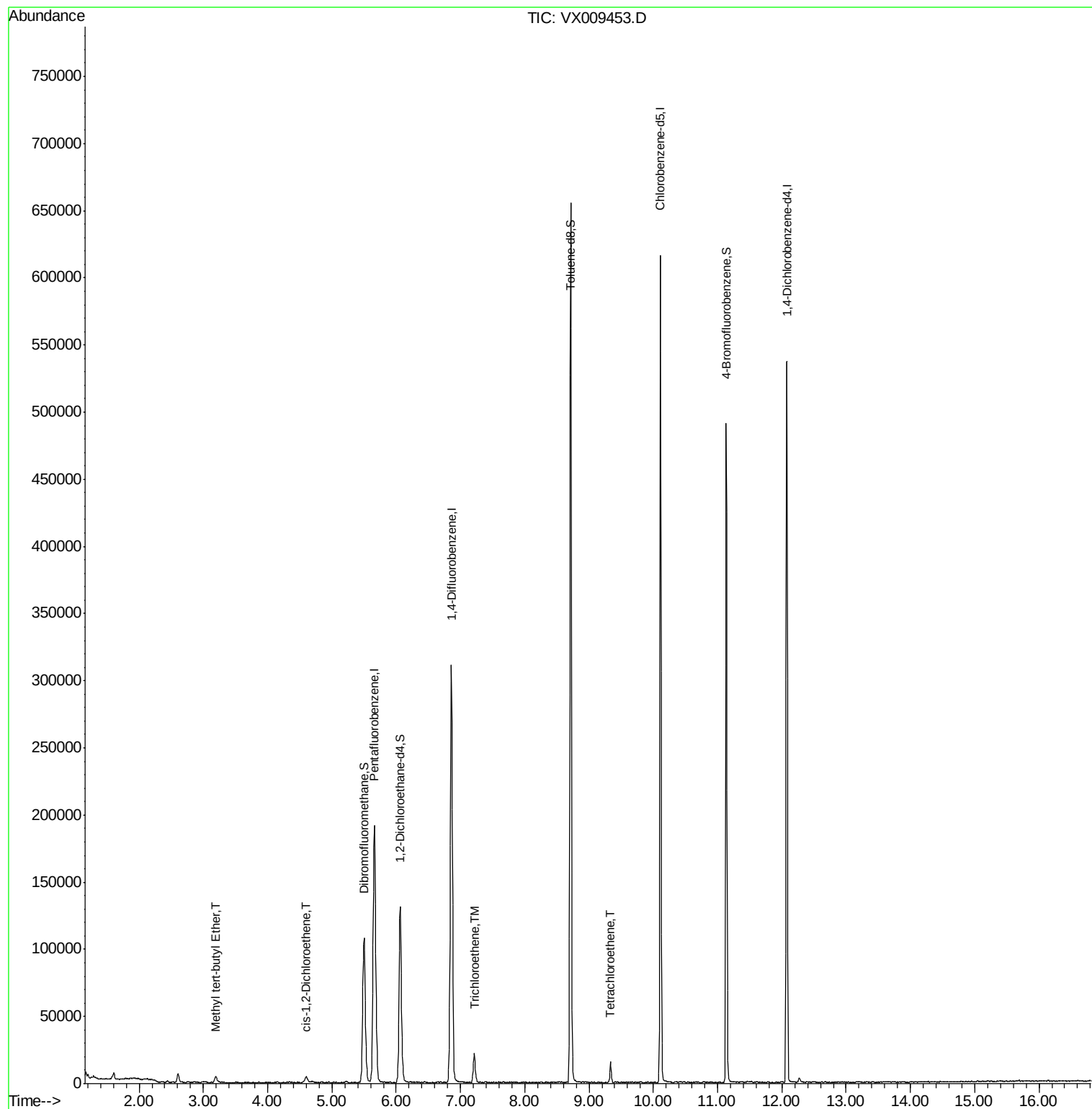
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124810	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	5.50	113	92527	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	8.71	98	380746	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	124825	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
19) Methyl tert-butyl Ether	3.19	73	4627	0.674	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	2633	1.151	ug/l	92
44) Trichloroethene	7.21	130	8236	3.904	ug/l	97
64) Tetrachloroethene	9.34	164	2831	1.560	ug/l	94

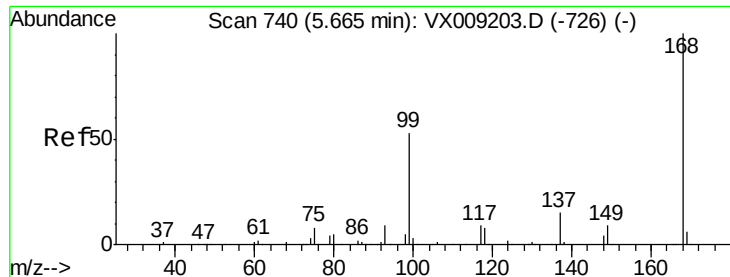
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009453.D

Acq: 10 May 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

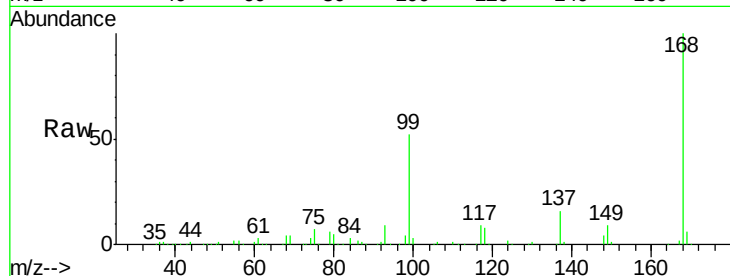
SS052MW271-190507

Tot Ion:168 Resp: 188404

Ion Ratio Lower Upper

168 100

99 51.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

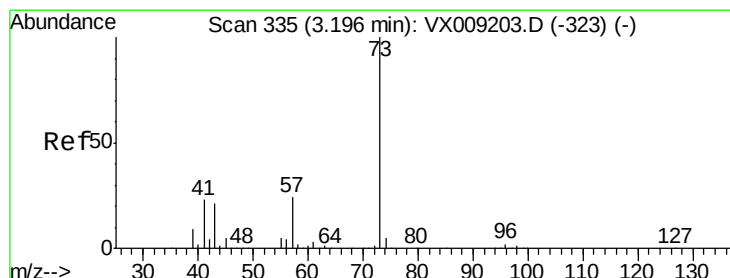
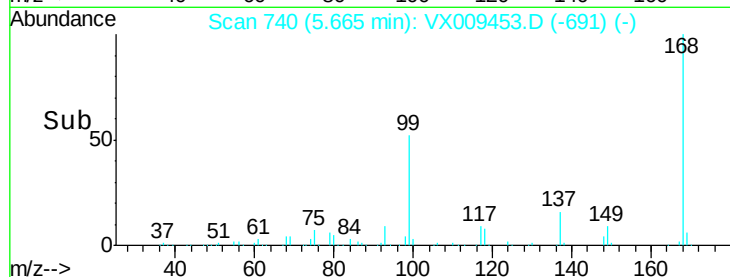
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 0.674 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX009453.D

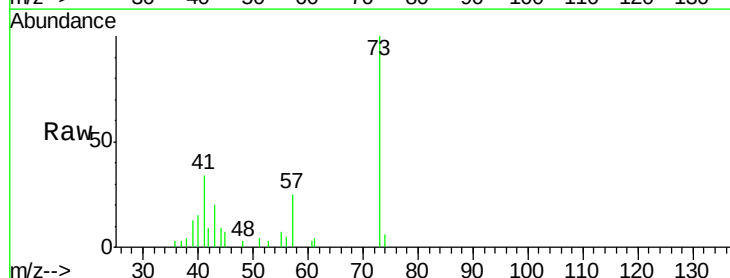
Acq: 10 May 2019 01:53

Tgt Ion: 73 Resp: 4627

Ion Ratio Lower Upper

73 100

57 24.8 19.3 28.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

2000

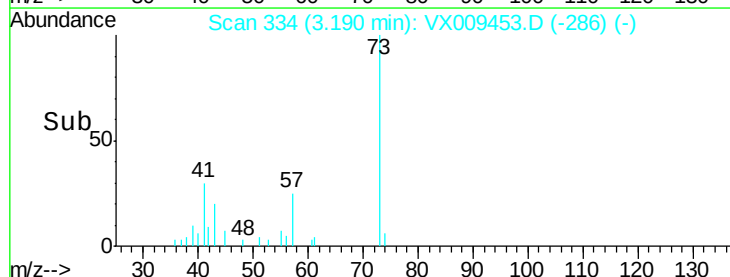
1500

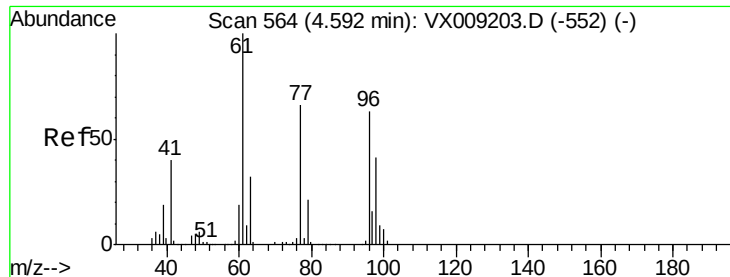
1000

500

0

Time--> 3.10 3.15 3.20 3.25 3.30





#27

cis-1,2-Dichloroethene

Concen: 1.151 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX009453.D

Acq: 10 May 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW271-190507

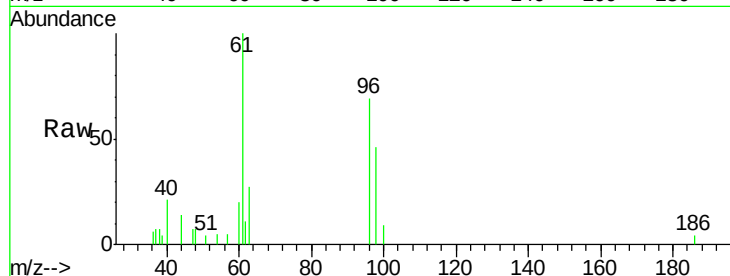
Tot Ion: 96 Resp: 2633

Ion Ratio Lower Upper

96 100

61 150.6 0.0 324.0

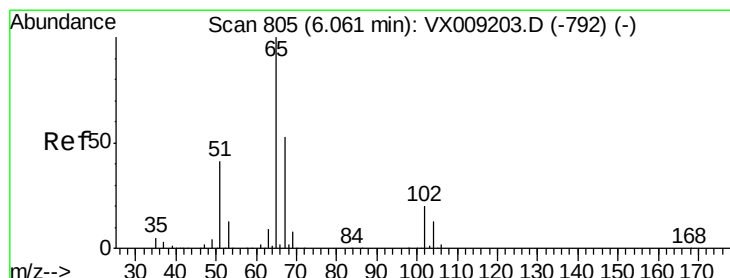
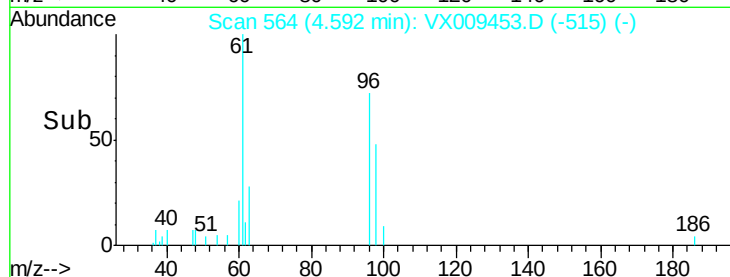
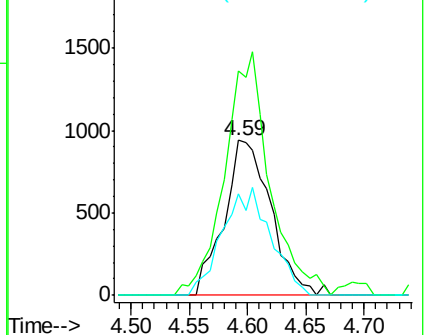
98 71.3 0.0 130.4



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



#33

1,2-Dichloroethane-d4

Concen: 48.528 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009453.D

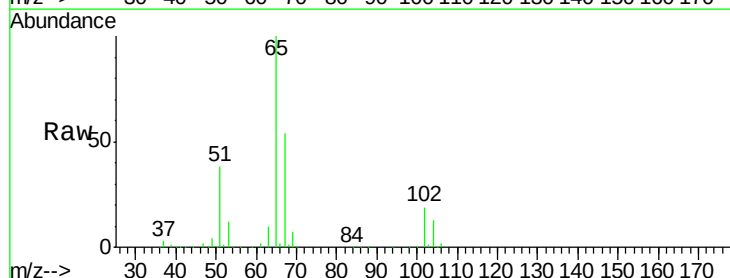
Acq: 10 May 2019 01:53

Tgt Ion: 65 Resp: 124810

Ion Ratio Lower Upper

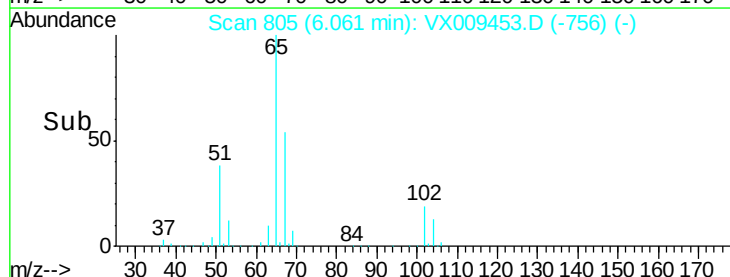
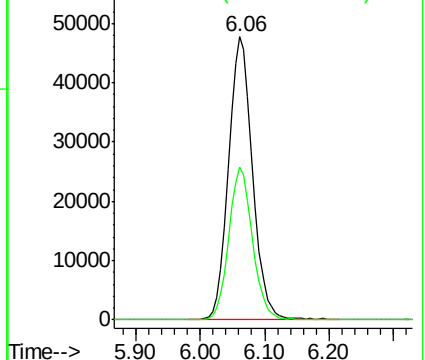
65 100

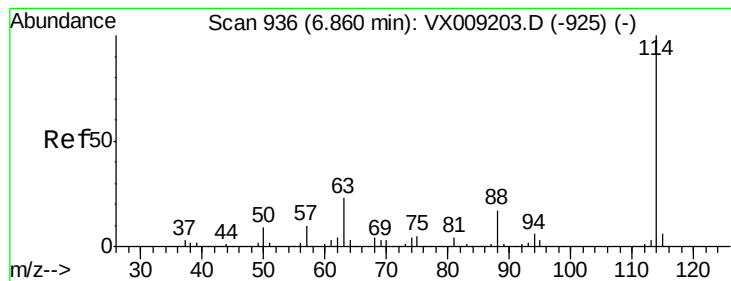
67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009453.D

Acq: 10 May 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW271-190507

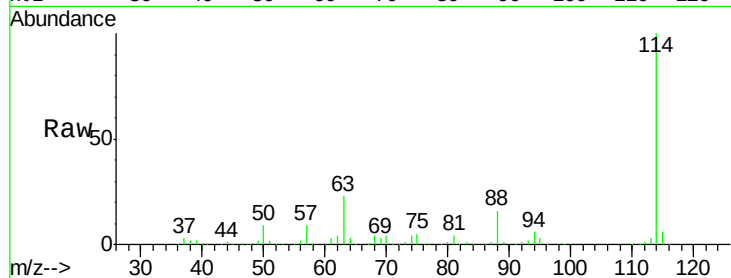
Tot Ion:114 Resp: 303399

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

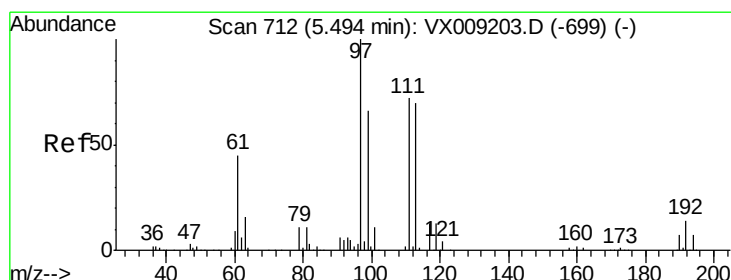
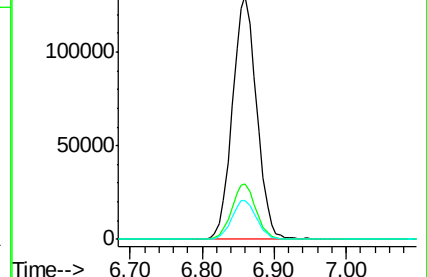
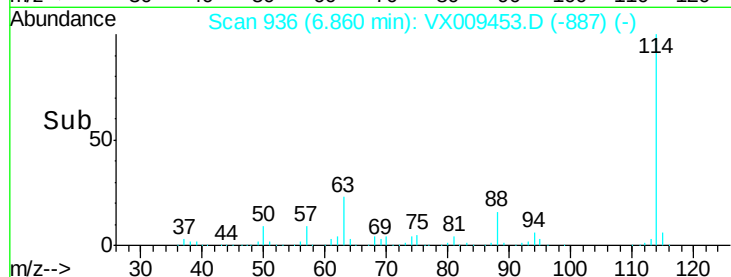
88 16.0 0.0 33.2



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: 48.512 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009453.D

Acq: 10 May 2019 01:53

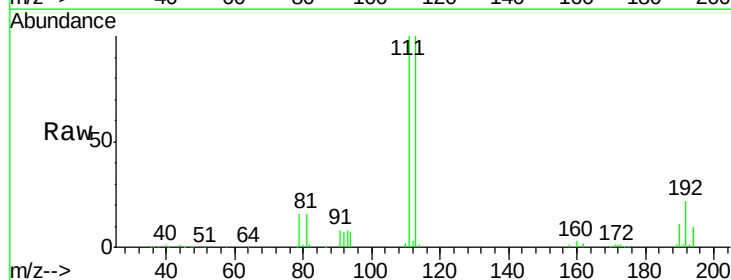
Tgt Ion:113 Resp: 92527

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

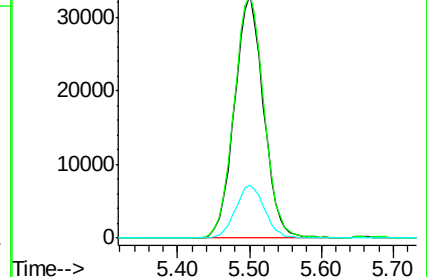
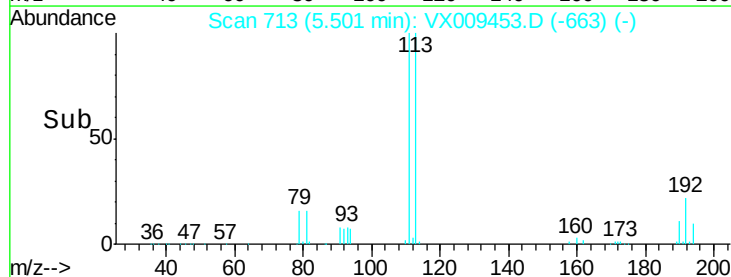
192 21.7 17.0 25.6

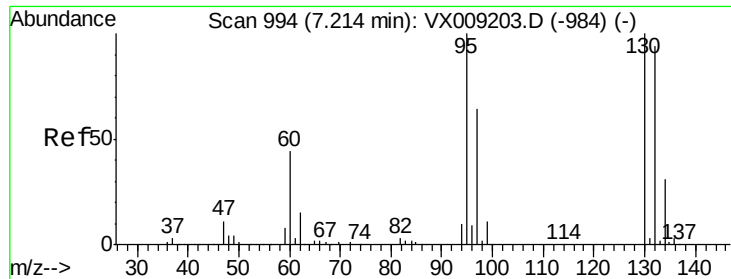


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.904 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009453.D

Acq: 10 May 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

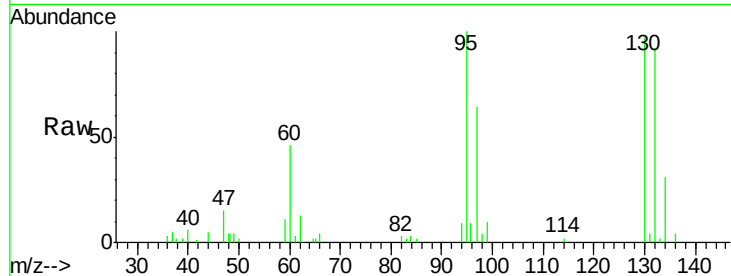
SS052MW271-190507

Tot Ion:130 Resp: 8236

Ion Ratio Lower Upper

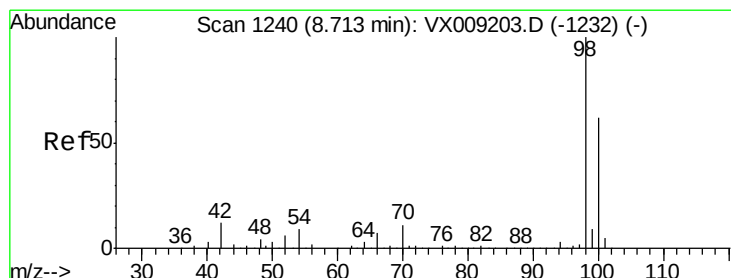
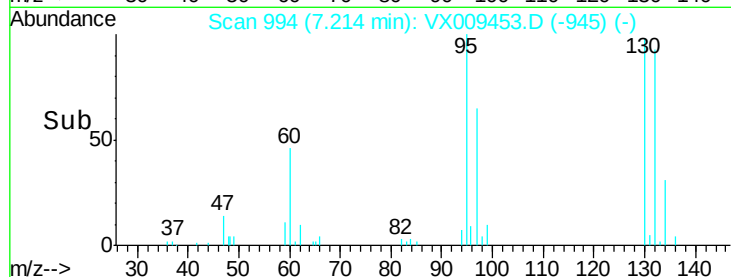
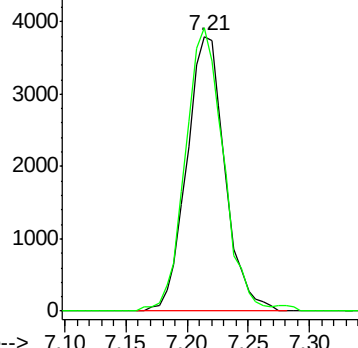
130 100

95 103.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.446 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009453.D

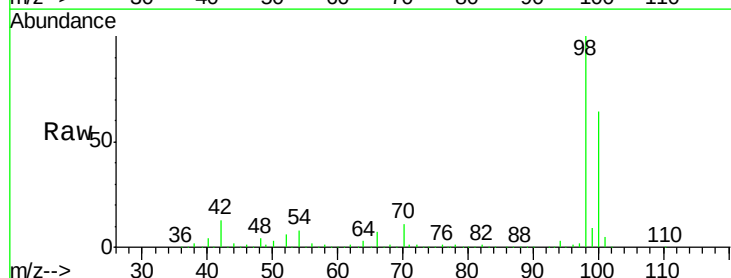
Acq: 10 May 2019 01:53

Tgt Ion: 98 Resp: 380746

Ion Ratio Lower Upper

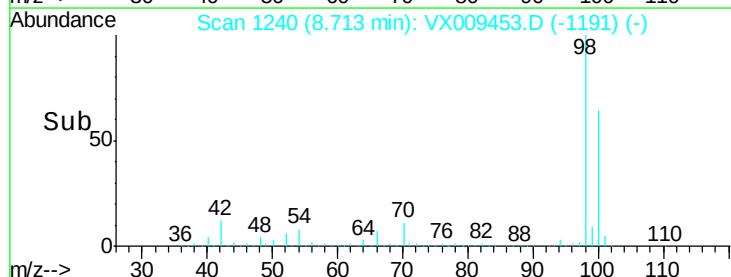
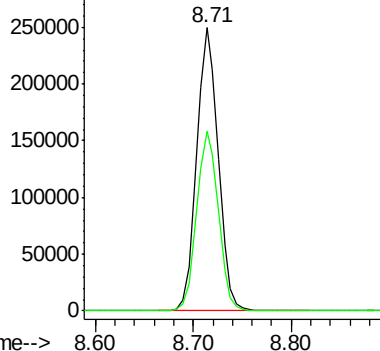
98 100

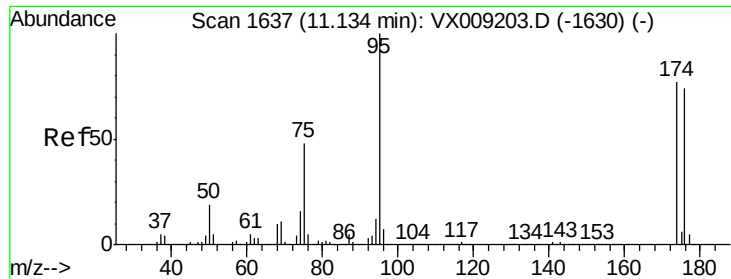
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.613 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009453.D

Acq: 10 May 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW271-190507

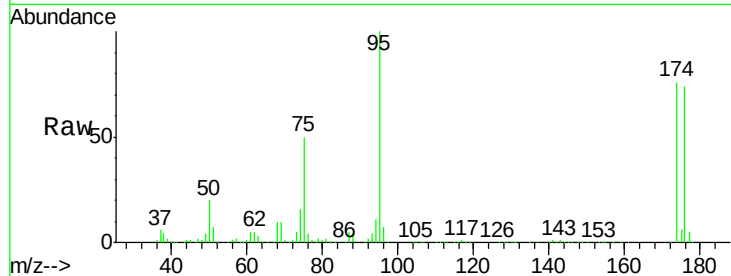
Tot Ion: 95 Resp: 124825

Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

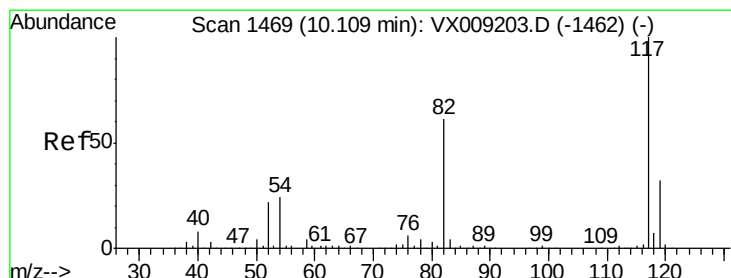
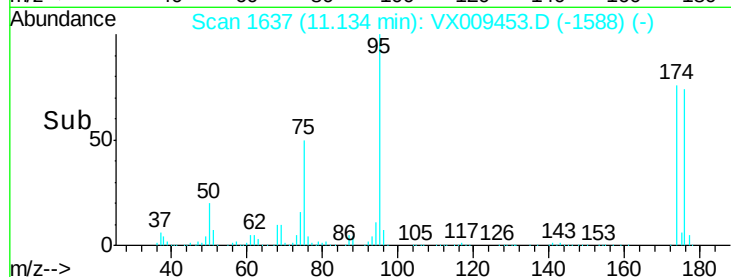
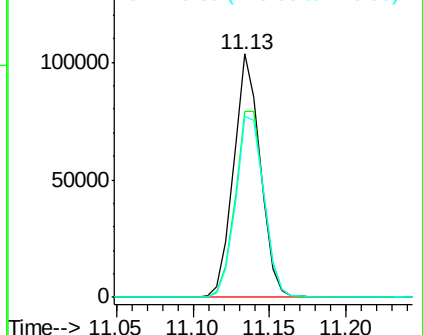
176 79.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009453.D

Acq: 10 May 2019 01:53

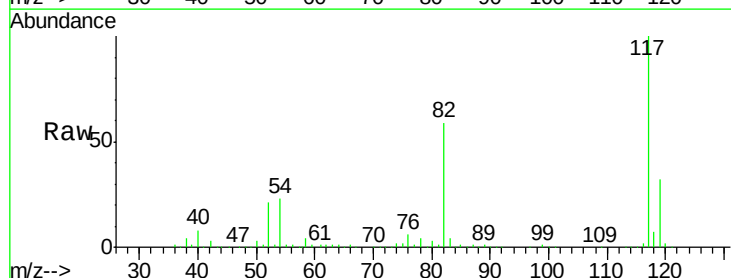
Tgt Ion: 117 Resp: 264607

Ion Ratio Lower Upper

117 100

82 59.2 48.8 73.2

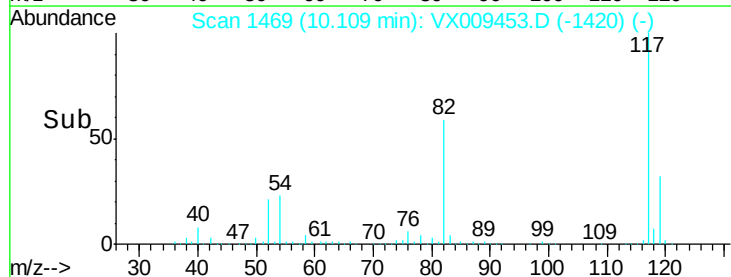
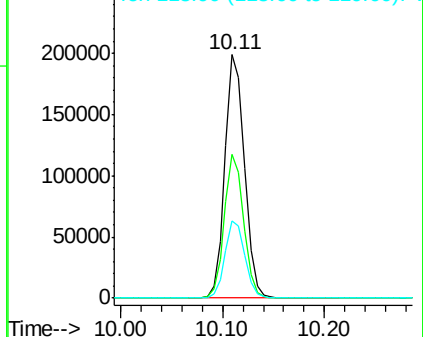
119 31.9 25.8 38.6

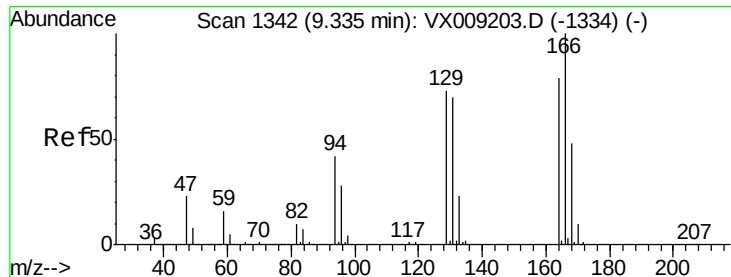


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

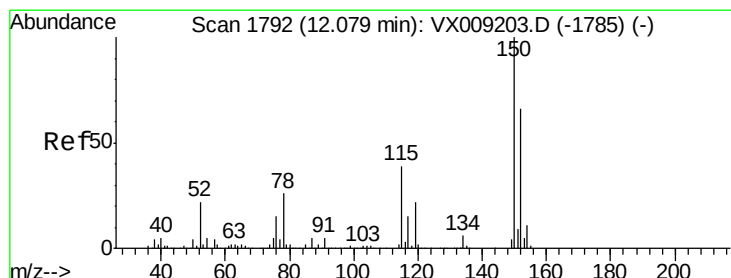
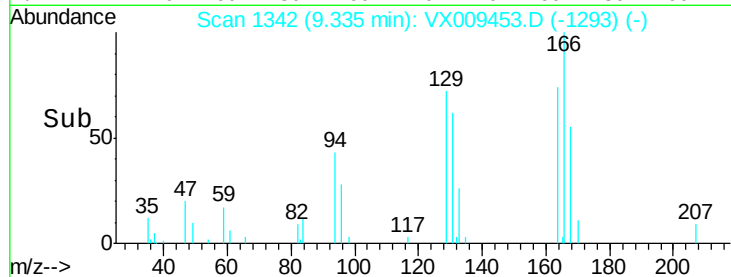
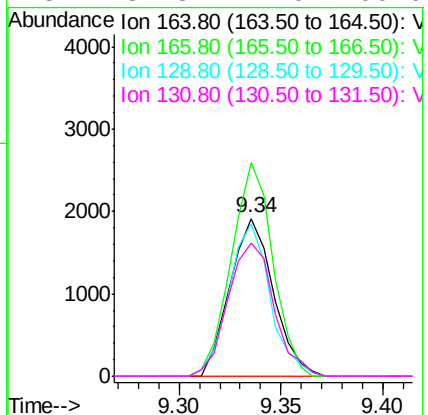
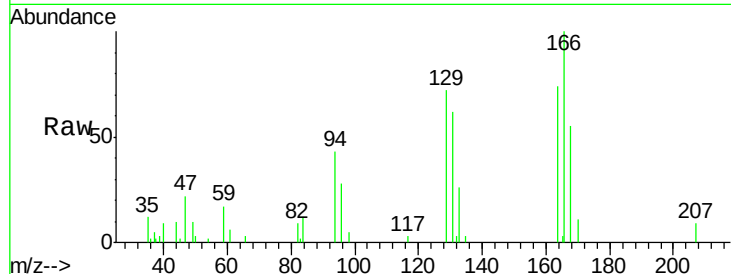




#64
 Tetrachloroethene
 Concen: 1.560 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: VX009453.D
 Acq: 10 May 2019 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW271-190507

Tot Ion:164	Resp:	2831	
Ion Ratio	Lower	Upper	
164 100			
166 135.4	101.2	151.8	
129 96.9	74.3	111.5	
131 84.3	71.0	106.6	



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009453.D
 Acq: 10 May 2019 01:53

Tgt	Ion:152	Resp:	113581
Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.2	123.6
150	157.0	0.0	346.4

