

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042919\
 Data File : VX009213.D
 Acq On : 29 Apr 2019 17:32
 Operator : JC/SP
 Sample : K2594-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423

Quant Time: Apr 30 09:48:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

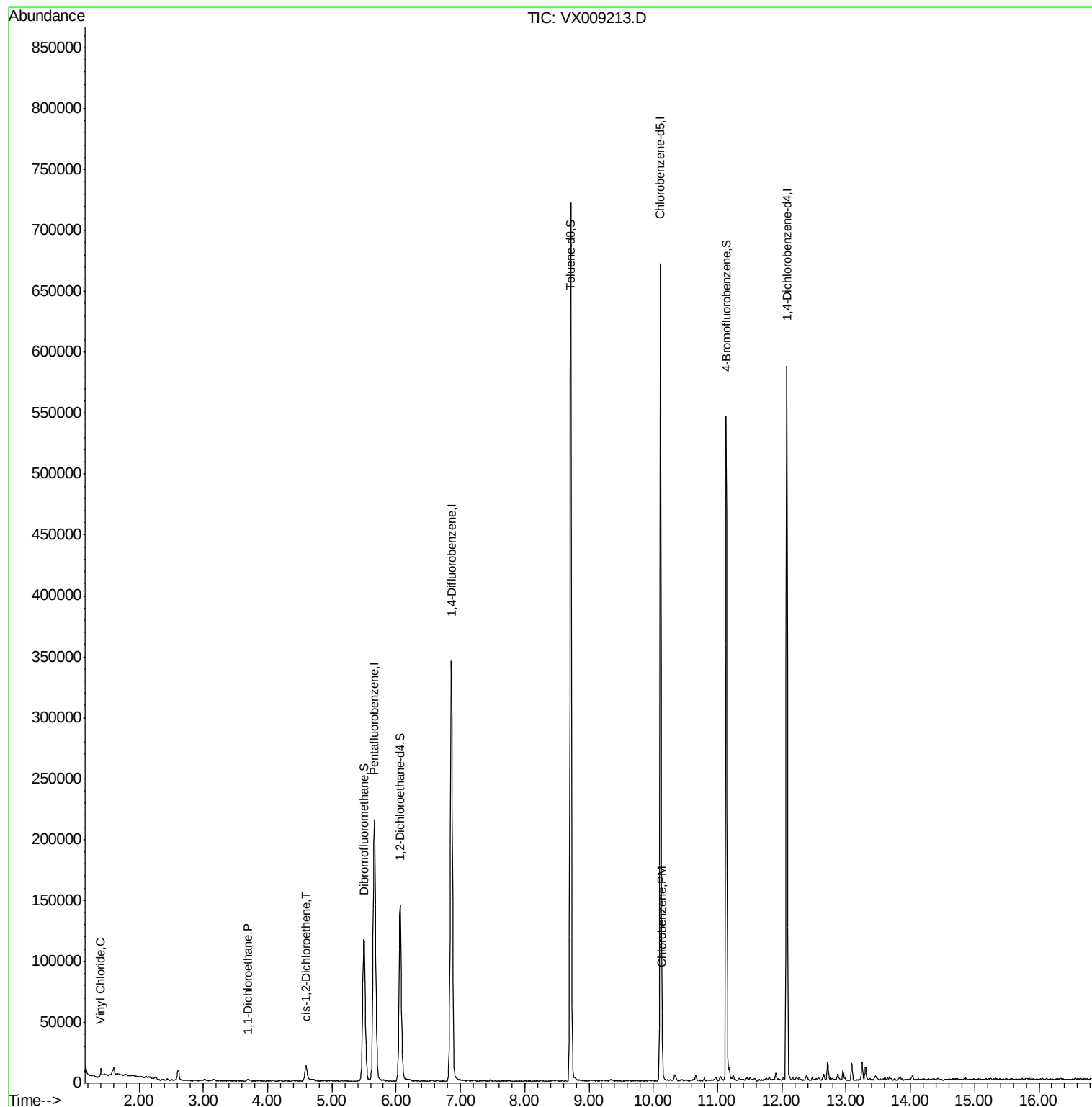
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138360	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	5.50	113	102030	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	417636	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	140170	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
4) Vinyl Chloride	1.40	62	4055	1.572	ug/l	95
24) 1,1-Dichloroethane	3.70	63	1789	0.392	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	7511	2.942	ug/l	90
65) Chlorobenzene	10.14	112	10092	1.739	ug/l	98

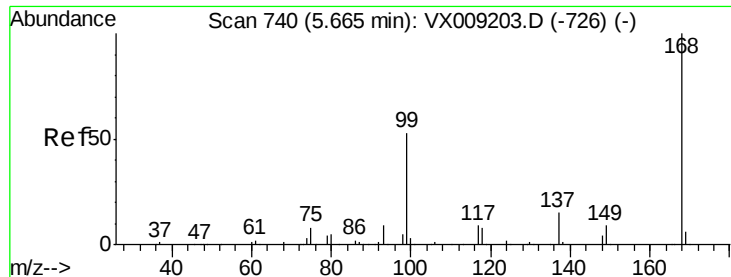
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 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: VX009213.D

Acq: 29 Apr 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

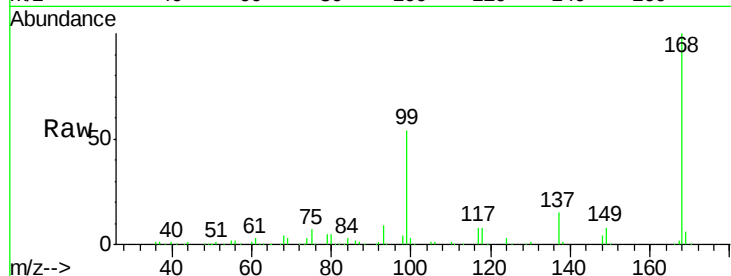
WP021MW038-190423

Tot Ion:168 Resp: 210231

Ion Ratio Lower Upper

168 100

99 53.5 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

80000

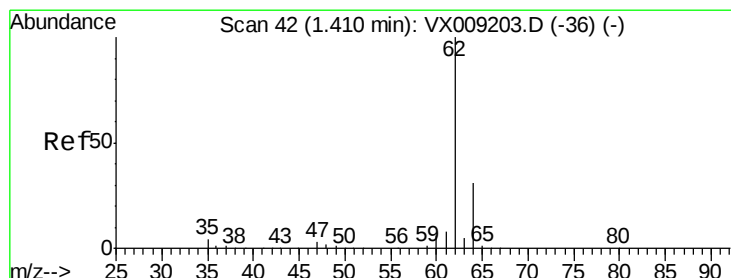
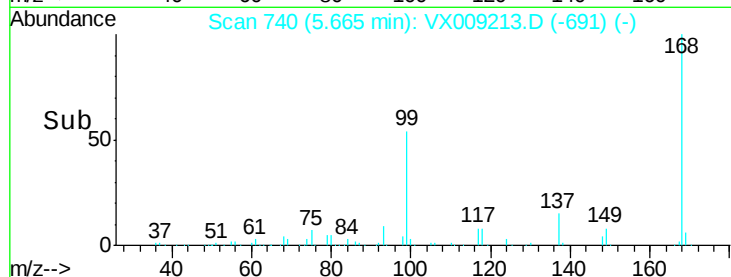
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.572 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009213.D

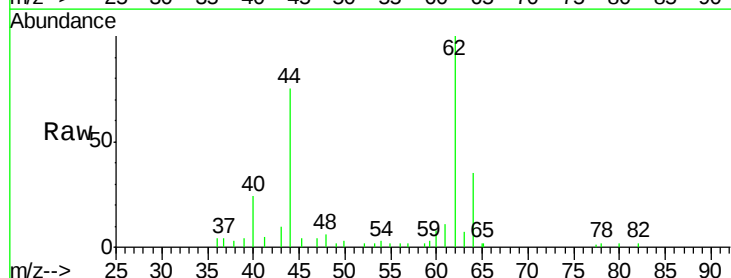
Acq: 29 Apr 2019 17:32

Tgt Ion: 62 Resp: 4055

Ion Ratio Lower Upper

62 100

64 33.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

4000

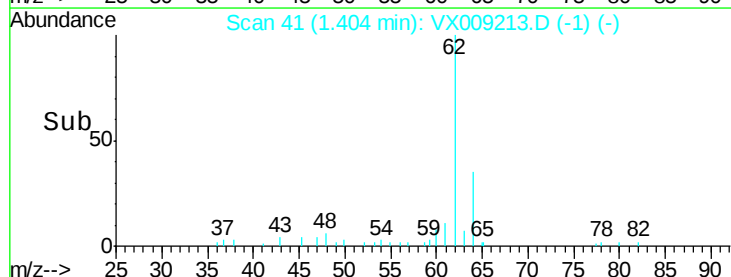
3000

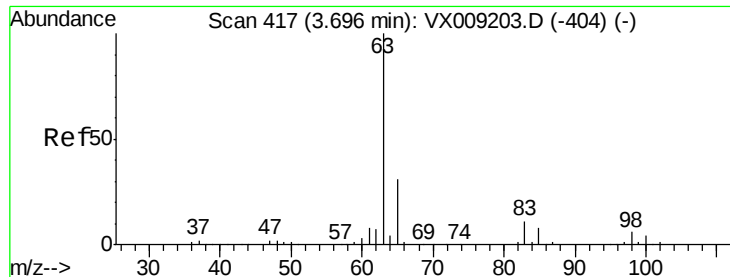
2000

1000

0

Time--> 1.35 1.40 1.45 1.50





#24

1,1-Dichloroethane

Concen: 0.392 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009213.D

Acq: 29 Apr 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

WP021MW038-190423

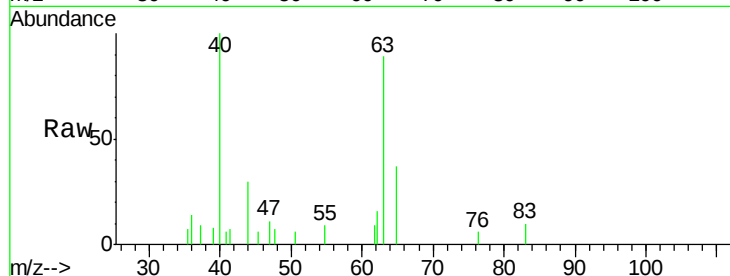
Tot Ion: 63 Resp: 1789

Ion Ratio Lower Upper

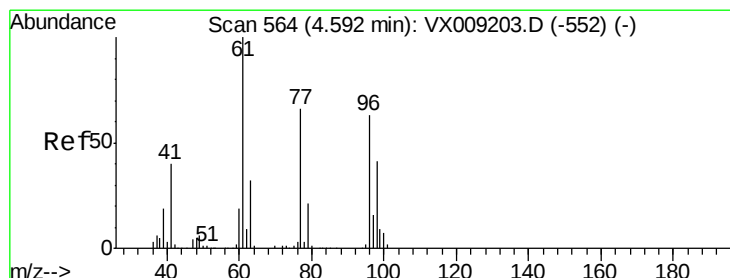
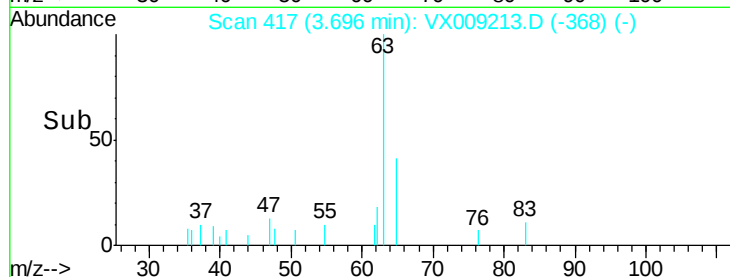
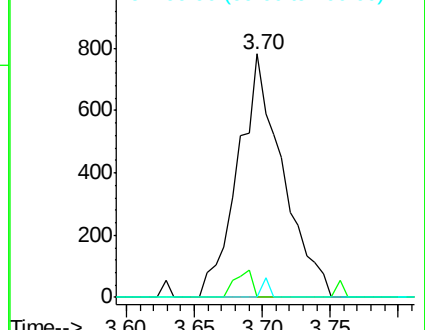
63 100

98 0.0 3.0 9.2#

100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.942 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009213.D

Acq: 29 Apr 2019 17:32

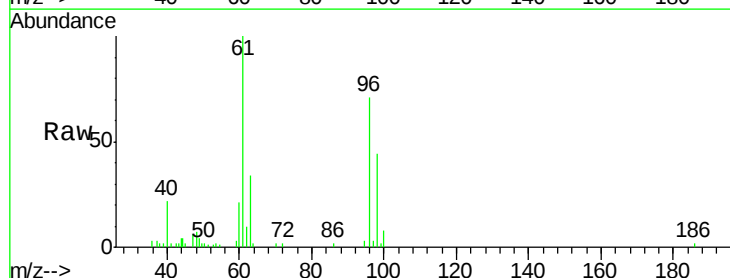
Tgt Ion: 96 Resp: 7511

Ion Ratio Lower Upper

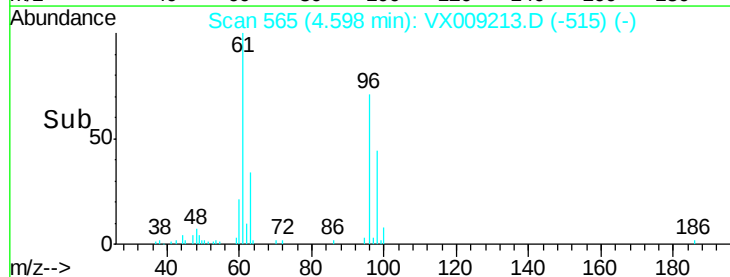
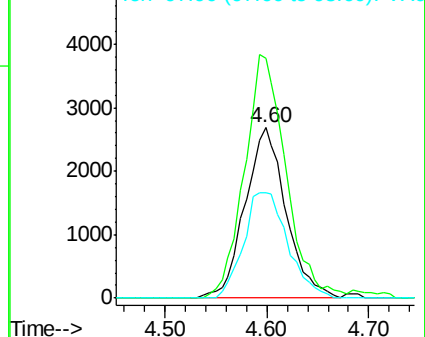
96 100

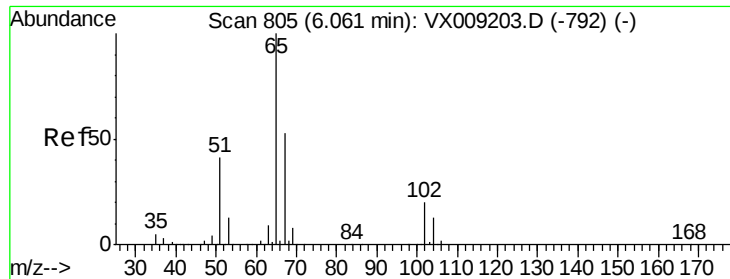
61 144.1 0.0 324.0

98 66.4 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: 48.211 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009213.D

Acq: 29 Apr 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

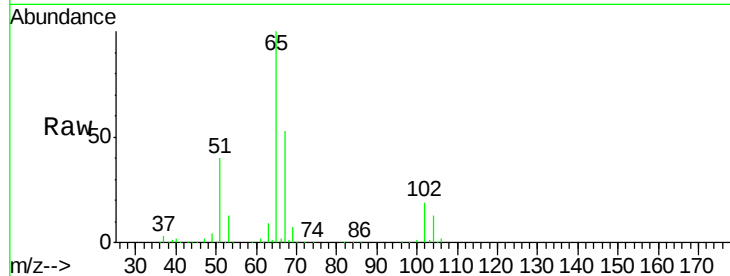
WP021MW038-190423

Tot Ion: 65 Resp: 138360

Ion Ratio Lower Upper

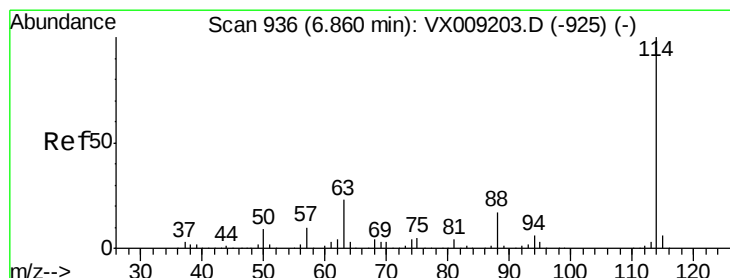
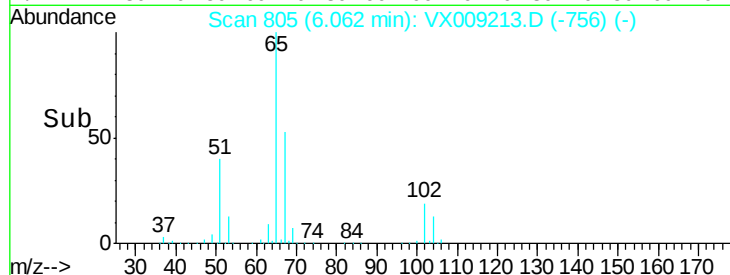
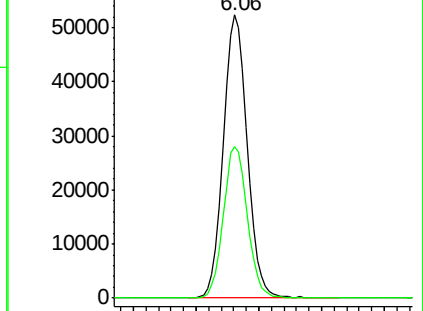
65 100

67 53.7 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: VX009213.D

Acq: 29 Apr 2019 17:32

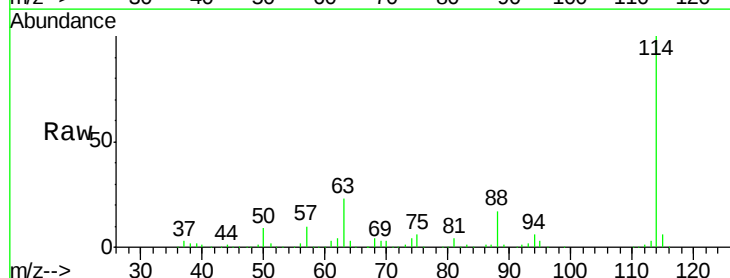
Tgt Ion: 114 Resp: 335603

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

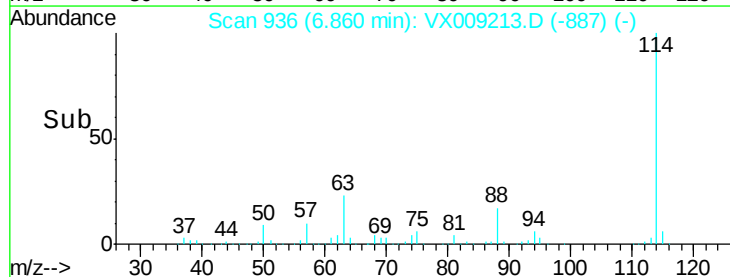
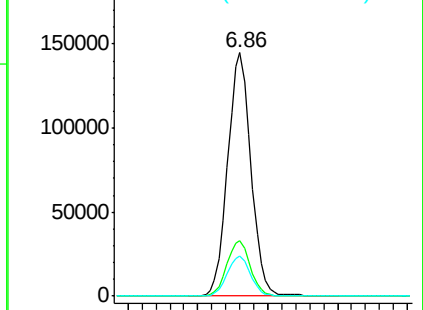
88 16.7 0.0 33.2

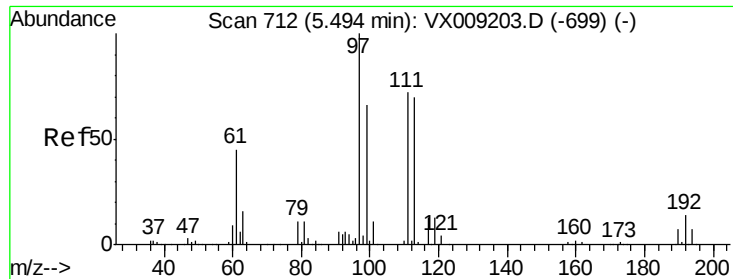


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

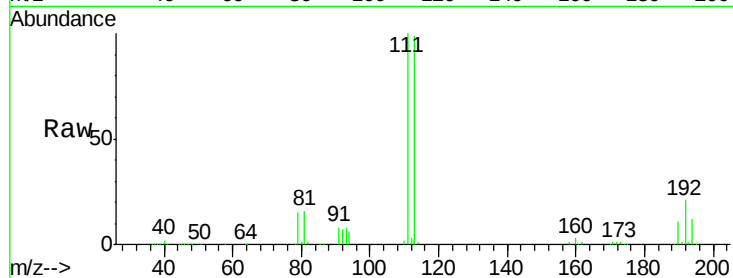




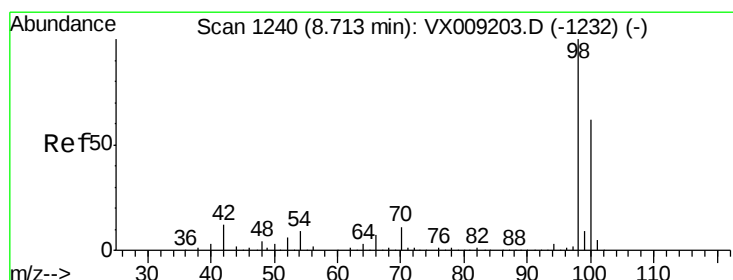
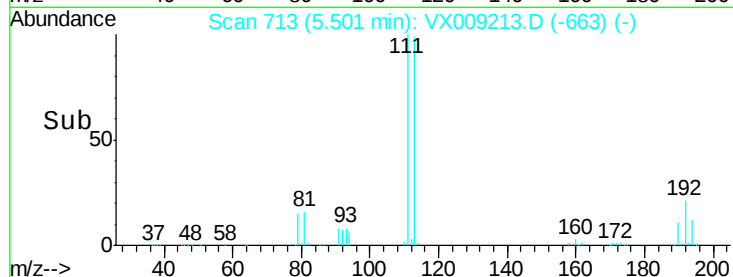
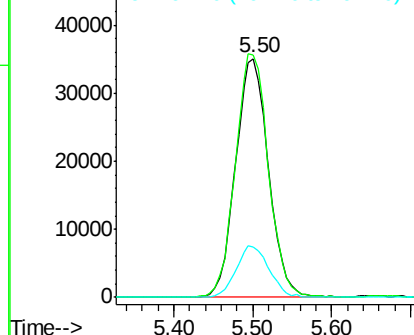
#35
 Dibromofluoromethane
 Concen: 48.362 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009213.D
 Acq: 29 Apr 2019 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423

Tot Ion:113 Resp: 102030
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.8 124.2
 192 21.4 17.0 25.6

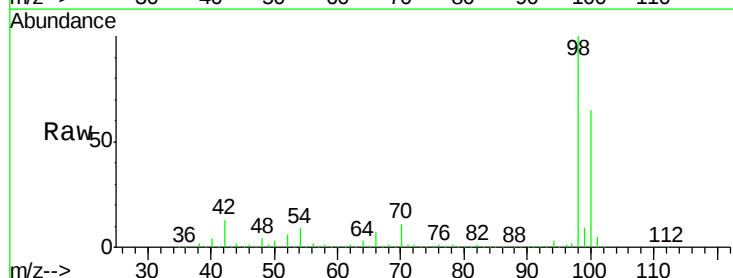


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

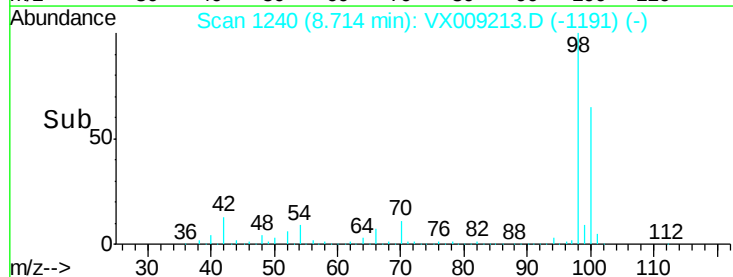
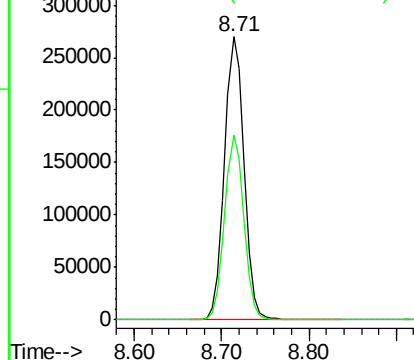


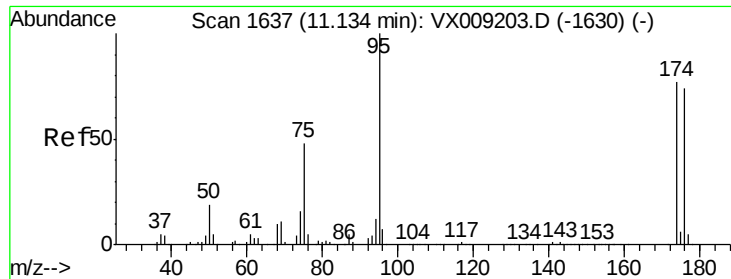
#50
 Toluene-d8
 Concen: 49.033 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009213.D
 Acq: 29 Apr 2019 17:32

Tgt Ion: 98 Resp: 417636
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

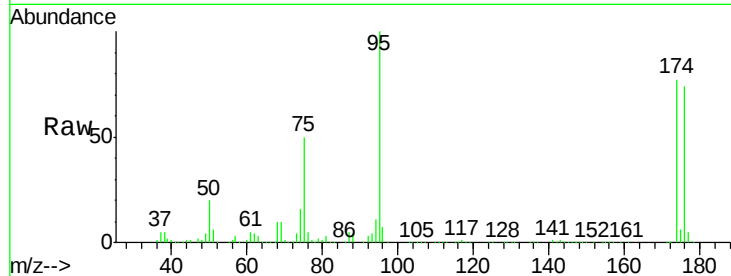




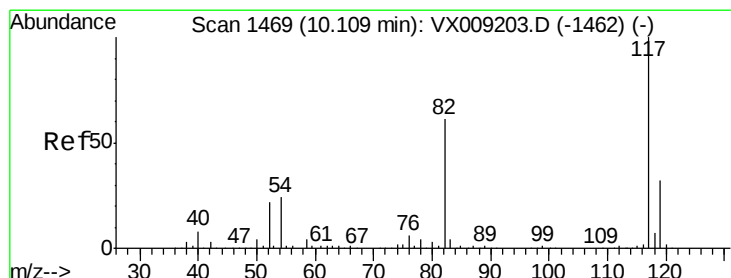
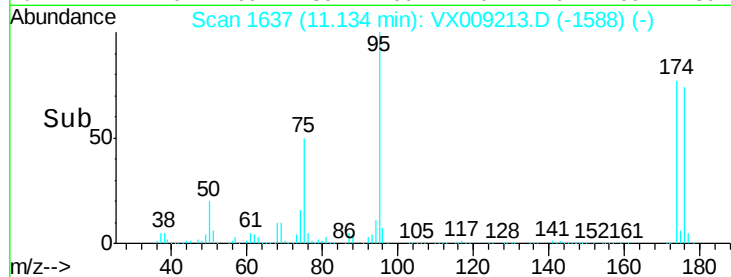
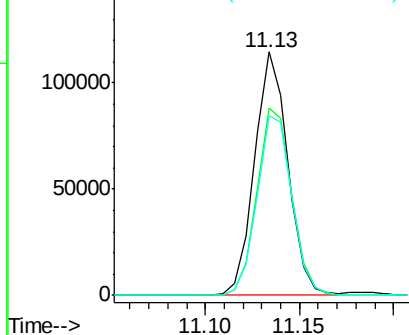
#62
4-Bromofluorobenzene
Concen: 45.290 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009213.D
Acq: 29 Apr 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423

Tot Ion: 95 Resp: 140170
Ion Ratio Lower Upper
95 100
174 80.5 0.0 161.6
176 77.7 0.0 159.2

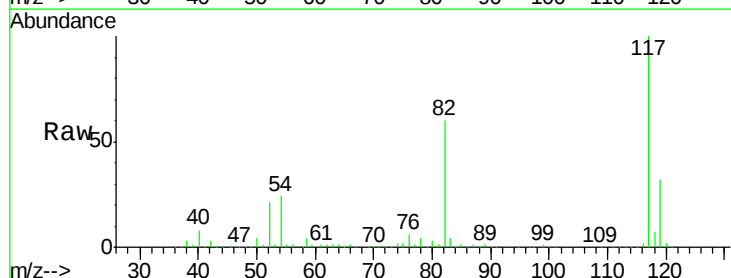


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

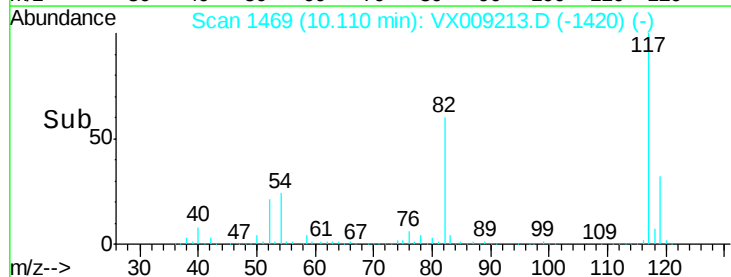
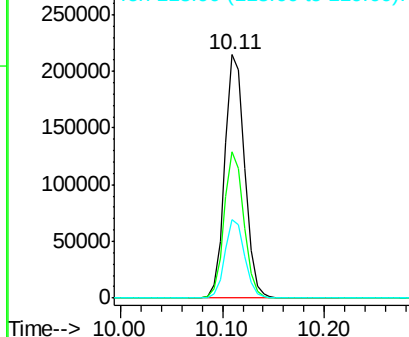


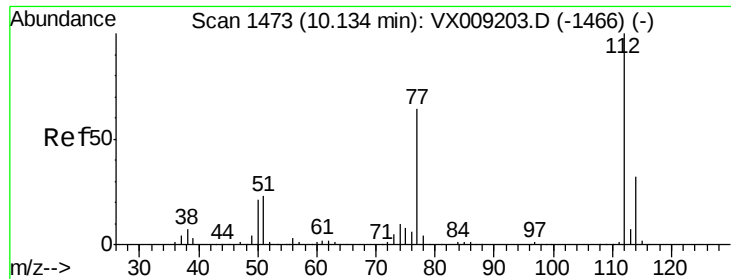
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009213.D
Acq: 29 Apr 2019 17:32

Tgt Ion: 117 Resp: 290034
Ion Ratio Lower Upper
117 100
82 60.1 48.8 73.2
119 32.2 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

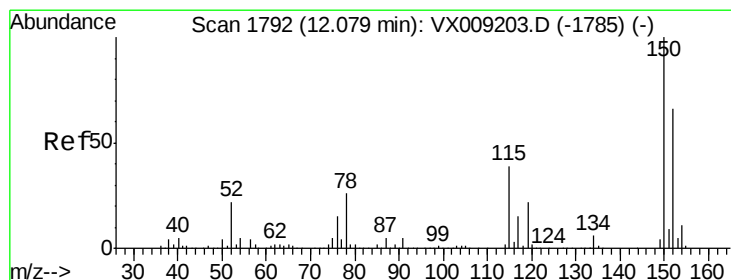
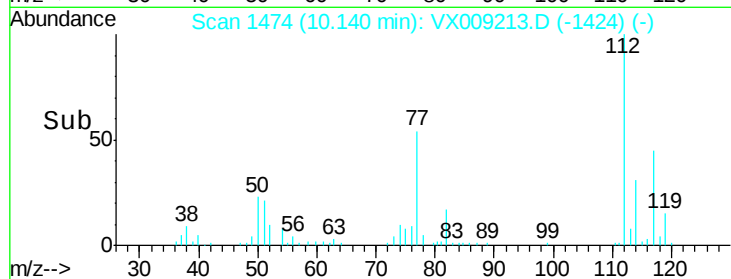
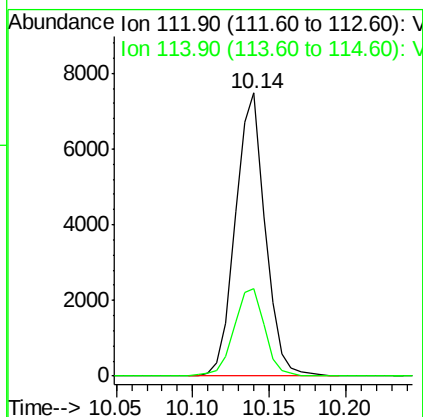
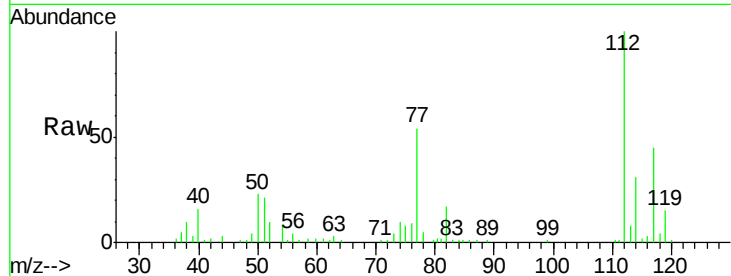




#65
Chlorobenzene
Concen: 1.739 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009213.D
Acq: 29 Apr 2019 17:32

Instrument :
MSVOA_X
ClientSampleId :
WP021MW038-190423

Tot Ion:112 Resp: 10092
Ion Ratio Lower Upper
112 100
114 30.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009213.D
Acq: 29 Apr 2019 17:32

Tgt Ion:152 Resp: 124632
Ion Ratio Lower Upper
152 100
115 58.7 41.2 123.6
150 158.0 0.0 346.4

