

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010690.D
 Acq On : 08 Jul 2019 13:05
 Operator : JC/SP
 Sample : K3635-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP-23DL

Quant Time: Jul 09 01:32:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

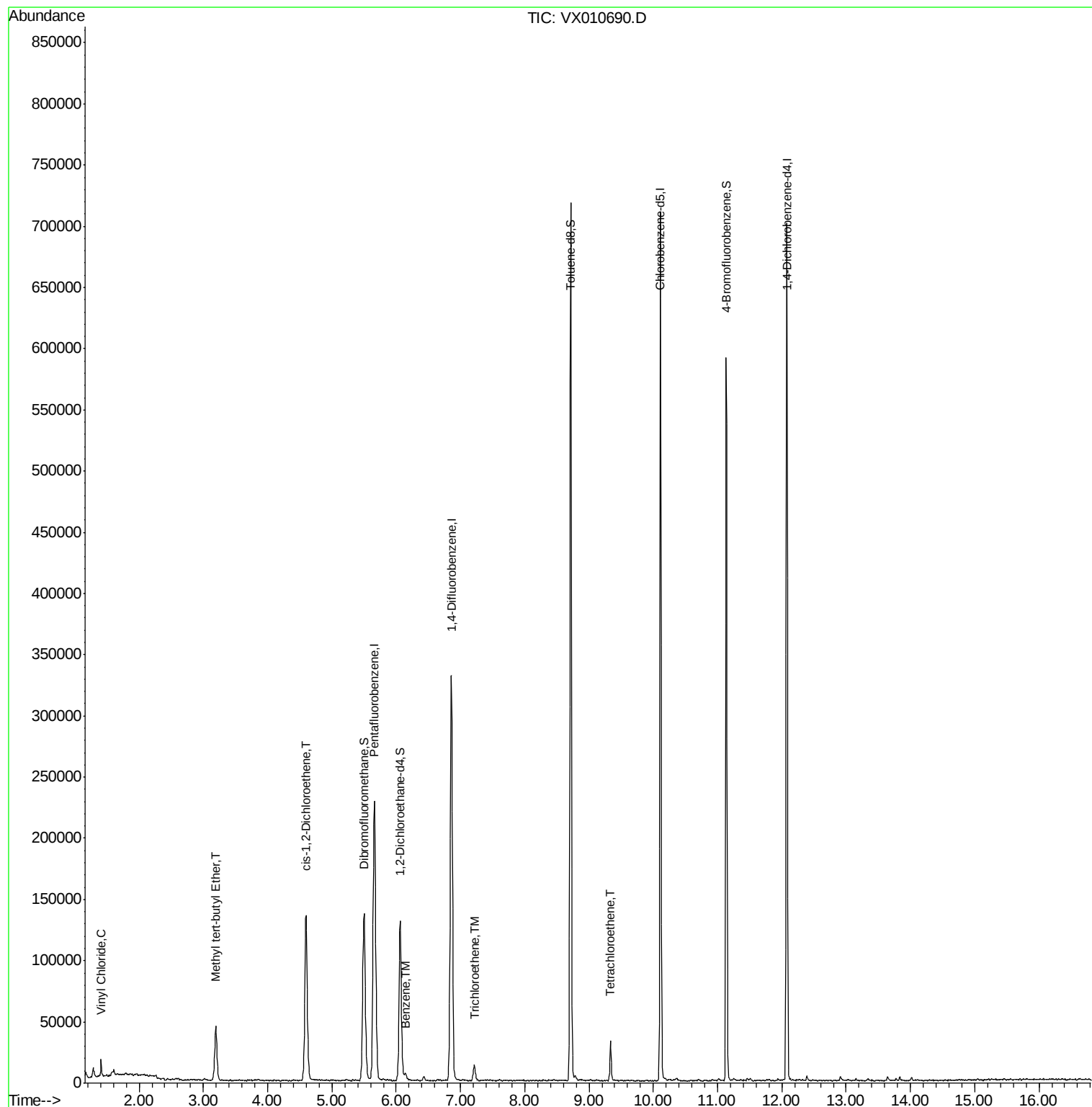
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	239513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117681	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	5.50	113	115434	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	8.71	98	432463	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	146711	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
Target Compounds						
4) Vinyl Chloride	1.41	62	8530	4.016	ug/l	94
19) Methyl tert-butyl Ether	3.19	73	52954	8.108	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	94886	36.775	ug/l	91
40) Benzene	6.15	78	6334	0.700	ug/l	97
44) Trichloroethene	7.21	130	5121	1.891	ug/l	98
64) Tetrachloroethene	9.33	164	6733	2.489	ug/l	95

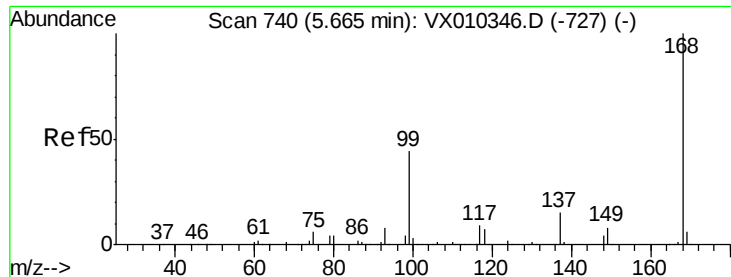
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WP-23DL

Quant Time: Jul 09 01:32:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010690.D

Acq: 08 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

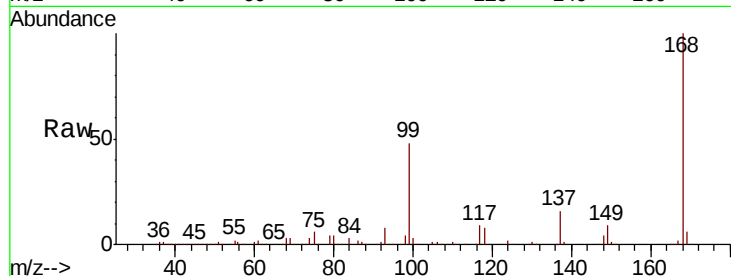
WP-23DL

Tgt Ion:168 Resp: 239513

Ion Ratio Lower Upper

168 100

99 47.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

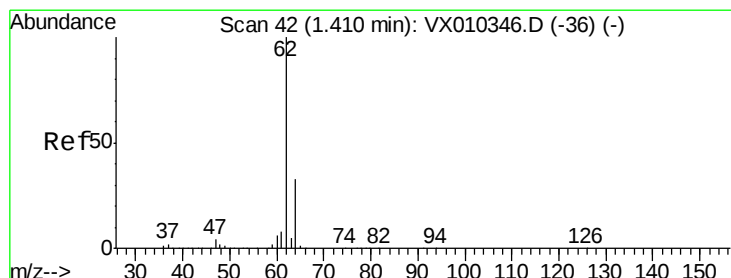
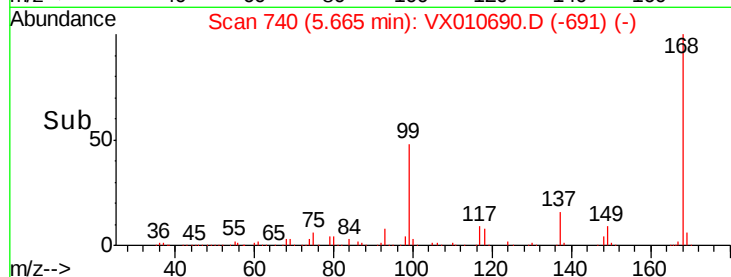
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 4.016 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010690.D

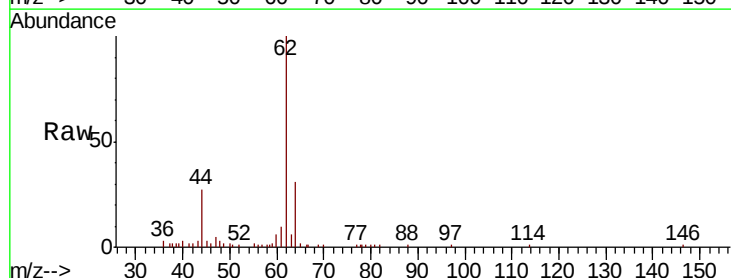
Acq: 08 Jul 2019 13:05

Tgt Ion: 62 Resp: 8530

Ion Ratio Lower Upper

62 100

64 29.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

8000

6000

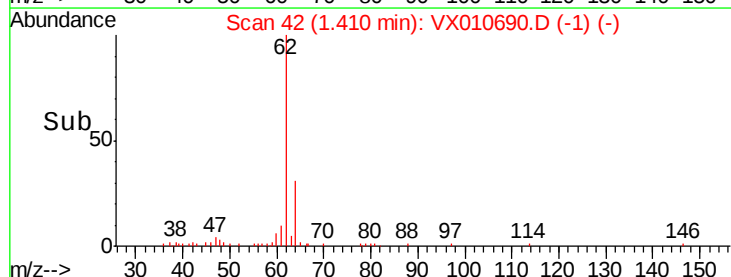
4000

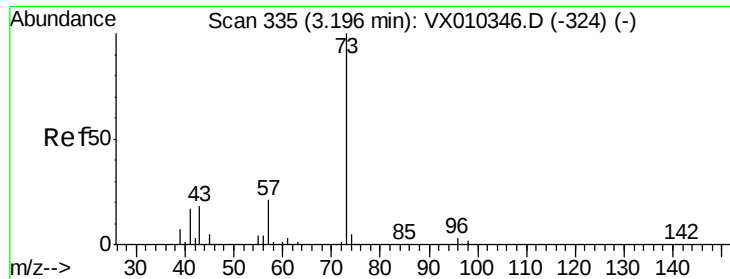
2000

0

Time-->

1.35 1.40 1.45 1.50

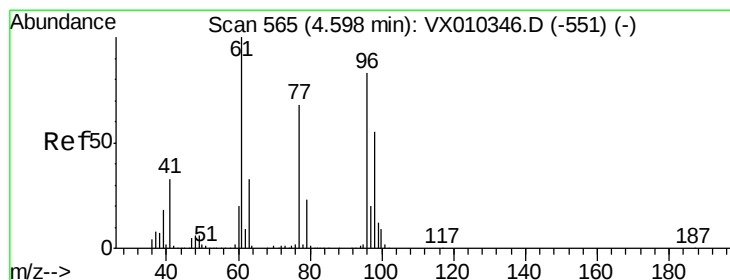
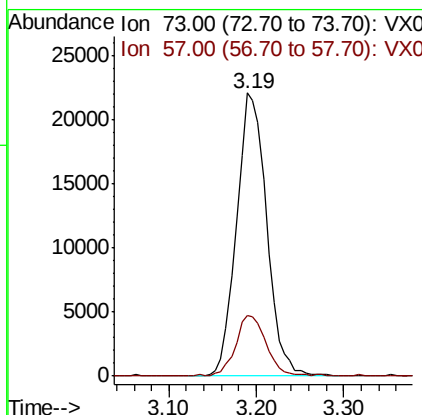
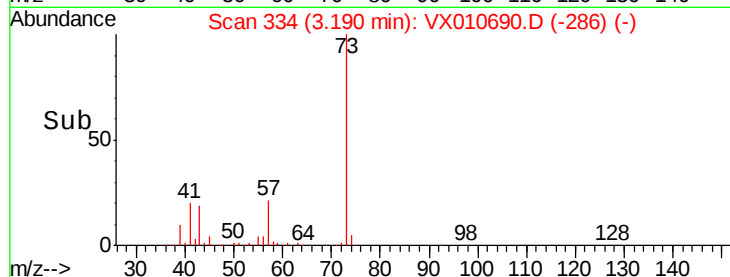
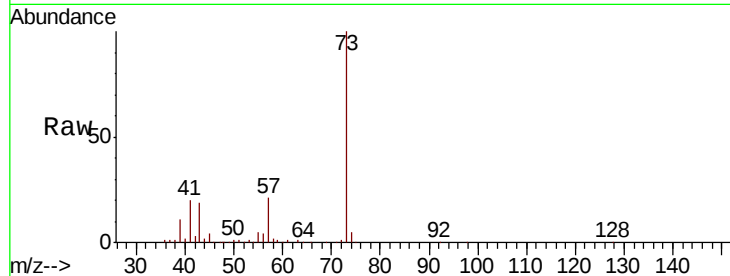




#19
Methyl tert-butyl Ether
Concen: 8.108 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

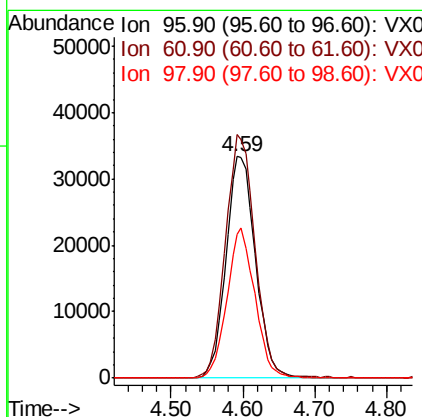
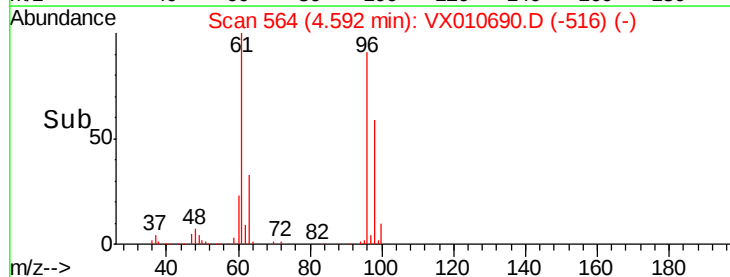
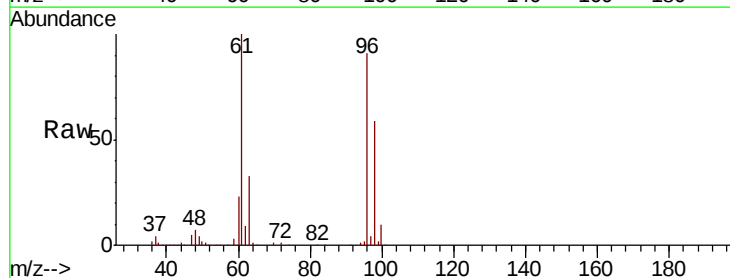
Instrument :
MSVOA_X
ClientSampleId :
WP-23DL

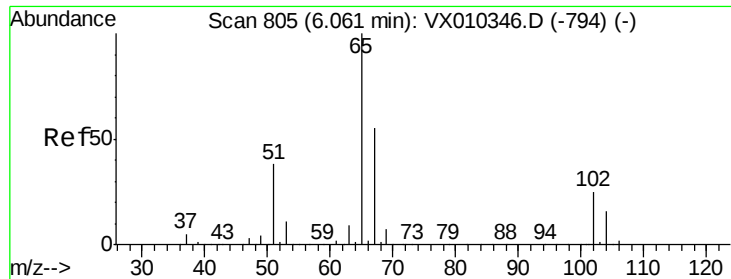
Tgt Ion: 73 Resp: 52954
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#27
cis-1,2-Dichloroethene
Concen: 36.775 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010690.D
Acq: 08 Jul 2019 13:05

Tgt Ion: 96 Resp: 94886
Ion Ratio Lower Upper
96 100
61 110.5 0.0 251.8
98 64.0 0.0 129.4





#33

1,2-Dichloroethane-d4

Concen: 52.403 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010690.D

Acq: 08 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampled :

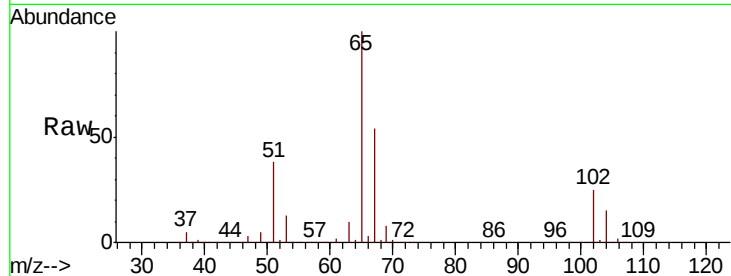
WP-23DL

Tgt Ion: 65 Resp: 117681

Ion Ratio Lower Upper

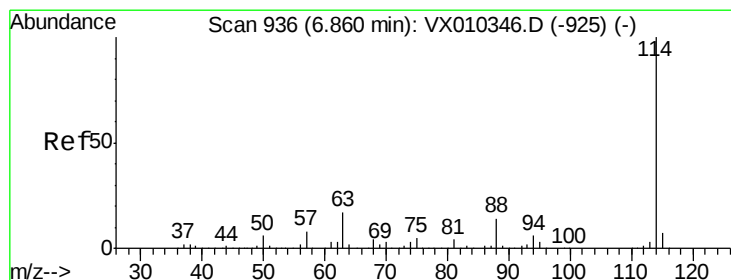
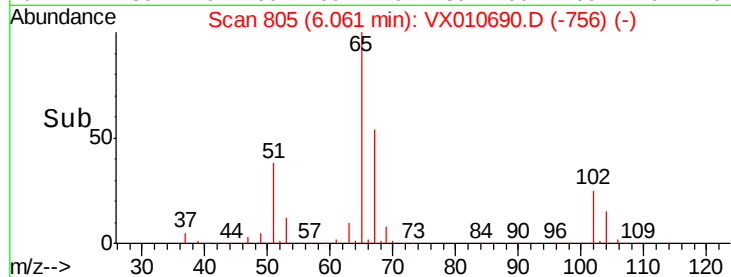
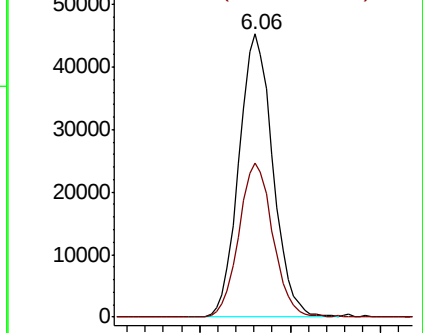
65 100

67 54.5 0.0 110.2



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: VX010690.D

Acq: 08 Jul 2019 13:05

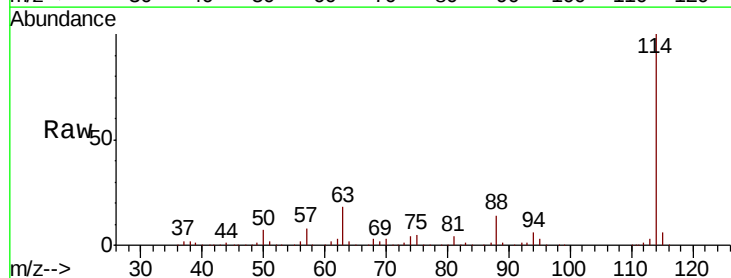
Tgt Ion: 114 Resp: 365615

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

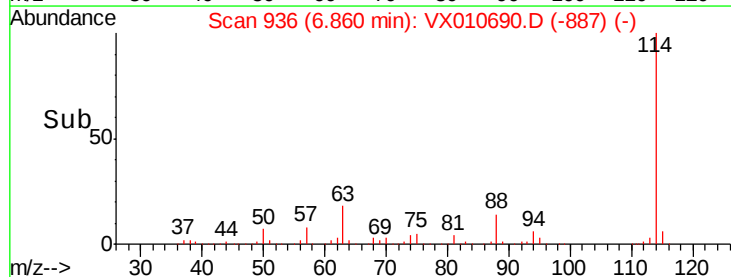
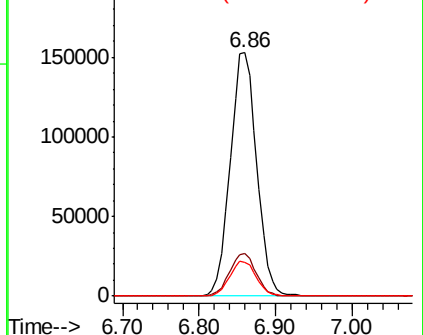
88 14.0 0.0 27.6

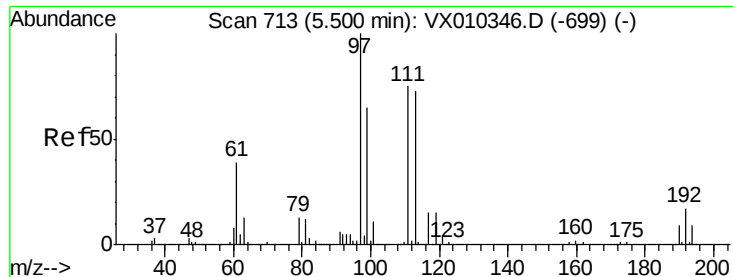


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

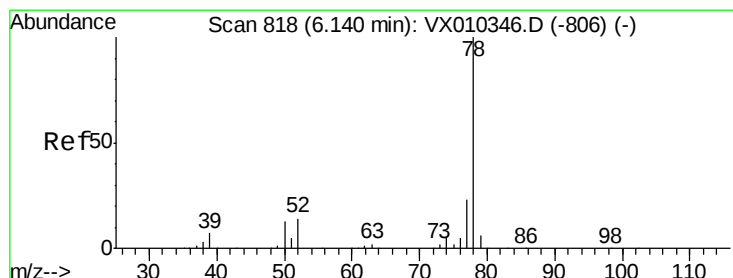
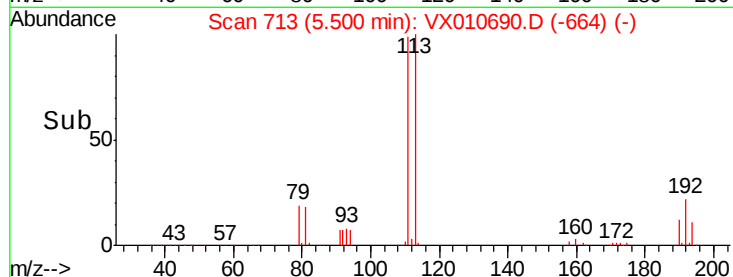
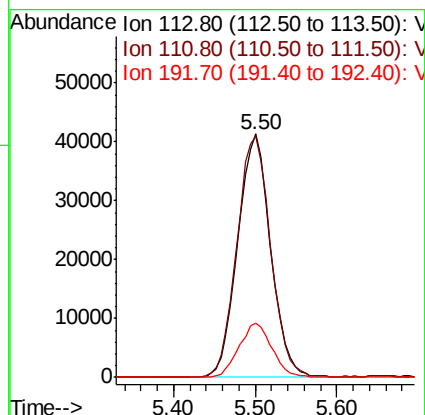
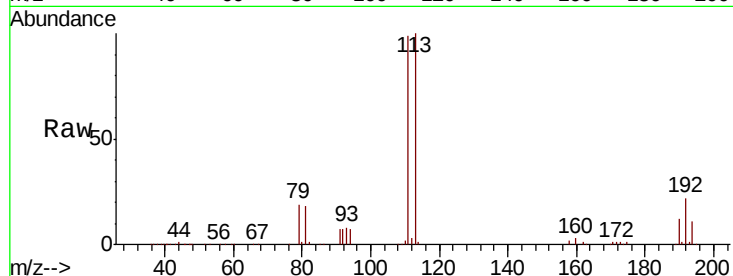




#35
 Dibromofluoromethane
 Concen: 51.603 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010690.D
 Acq: 08 Jul 2019 13:05

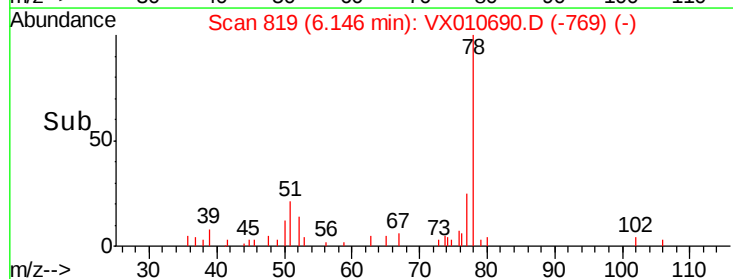
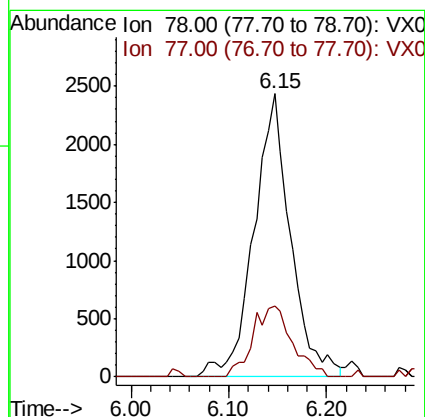
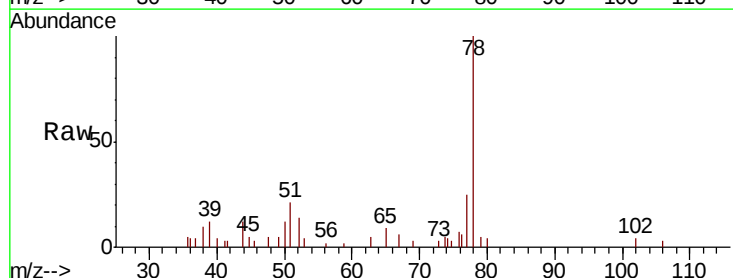
Instrument :
 MSVOA_X
 ClientSampleId :
 WP-23DL

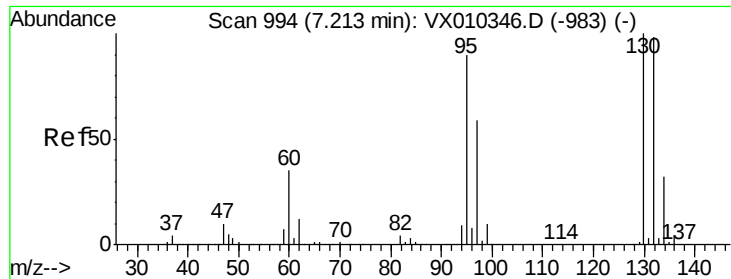
Tgt Ion:113 Resp: 115434
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.2 121.8
 192 22.3 18.6 27.8



#40
 Benzene
 Concen: 0.700 ug/l
 RT: 6.15 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: VX010690.D
 Acq: 08 Jul 2019 13:05

Tgt Ion: 78 Resp: 6334
 Ion Ratio Lower Upper
 78 100
 77 24.9 18.6 28.0

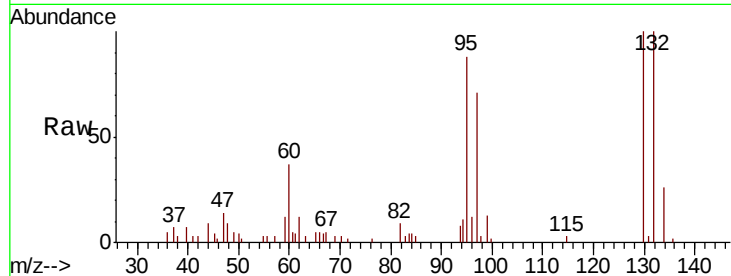




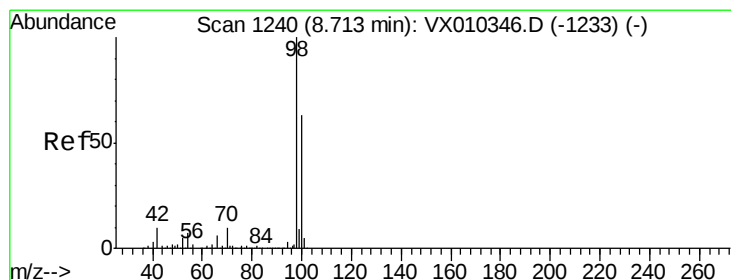
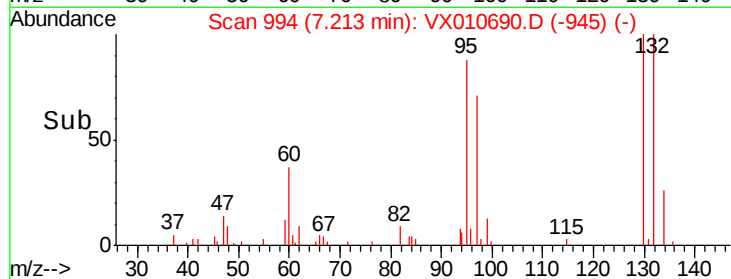
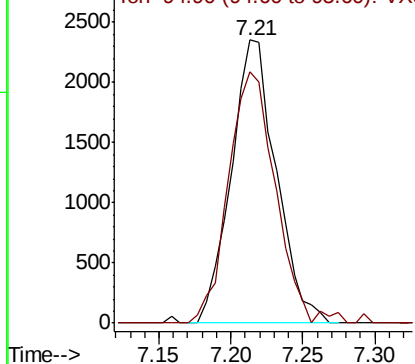
#44
 Trichloroethene
 Concen: 1.891 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010690.D
 Acq: 08 Jul 2019 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 WP-23DL

Tgt Ion:130 Resp: 5121
 Ion Ratio Lower Upper
 130 100
 95 88.6 0.0 180.8

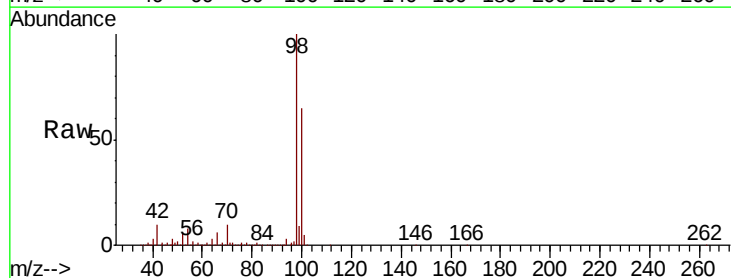


Abundance Ion 129.80 (129.50 to 130.50): VX0
 Ion 94.90 (94.60 to 95.60): VX0

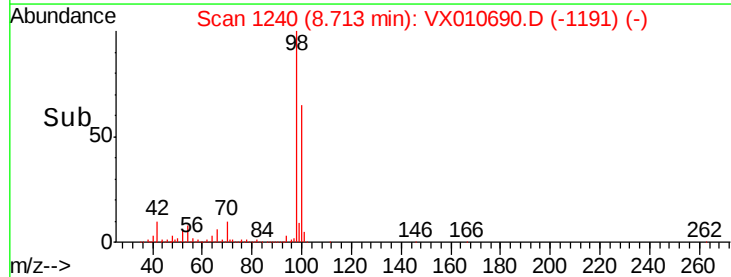
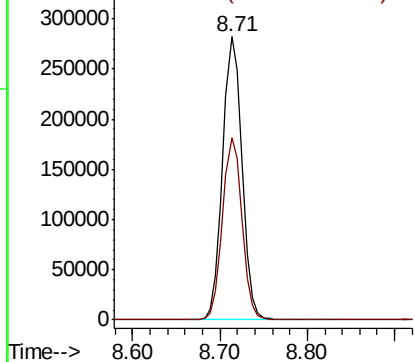


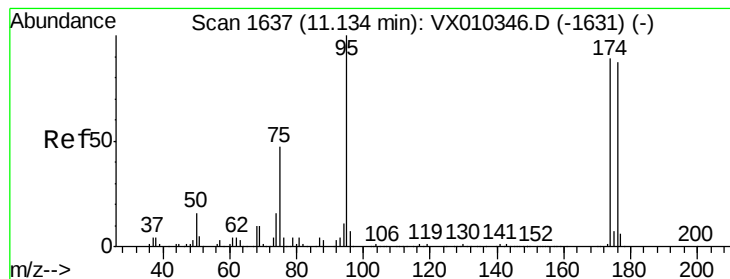
#50
 Toluene-d8
 Concen: 50.532 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010690.D
 Acq: 08 Jul 2019 13:05

Tgt Ion: 98 Resp: 432463
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 47.483 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010690.D

Acq: 08 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampled :

WP-23DL

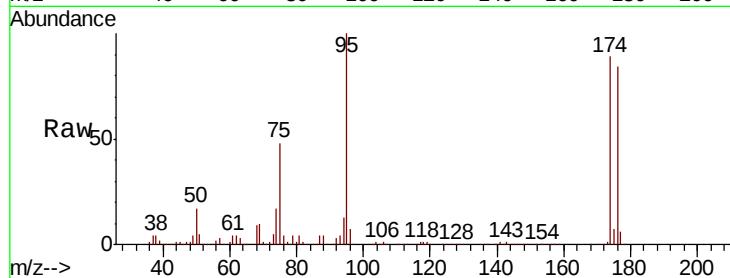
Tgt Ion: 95 Resp: 146711

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.6

176 90.7 0.0 184.0



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

11.13

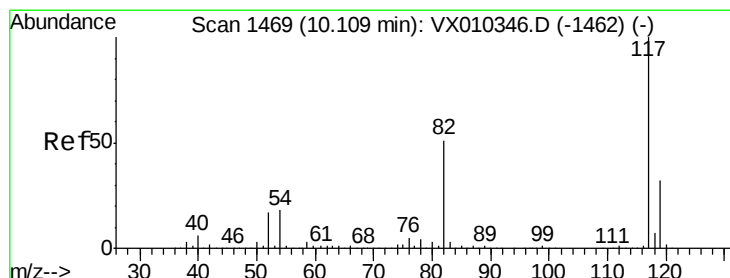
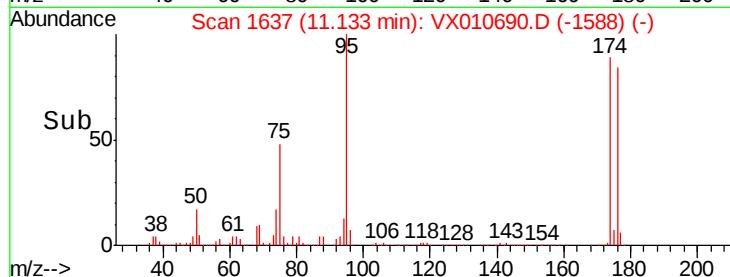
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010690.D

Acq: 08 Jul 2019 13:05

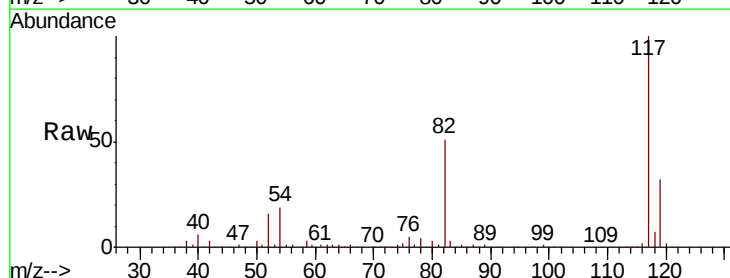
Tgt Ion: 117 Resp: 334495

Ion Ratio Lower Upper

117 100

82 51.2 41.2 61.8

119 32.0 25.5 38.3



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

10.11

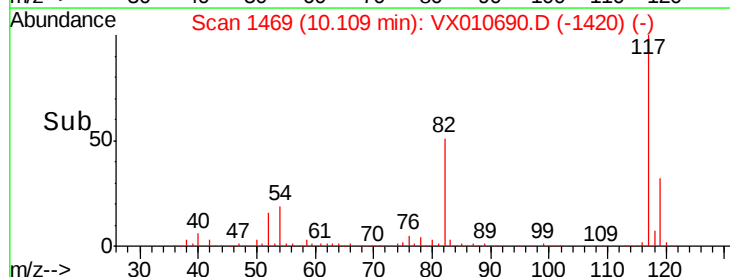
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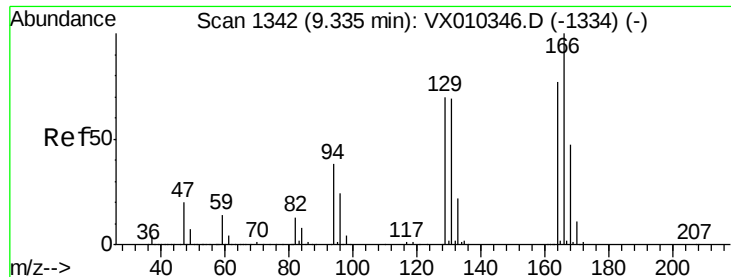
200000

100000

0

Time-->





#64

Tetrachloroethene

Concen: 2.489 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010690.D

Acq: 08 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampled :

WP-23DL

Tgt Ion:164 Resp: 6733

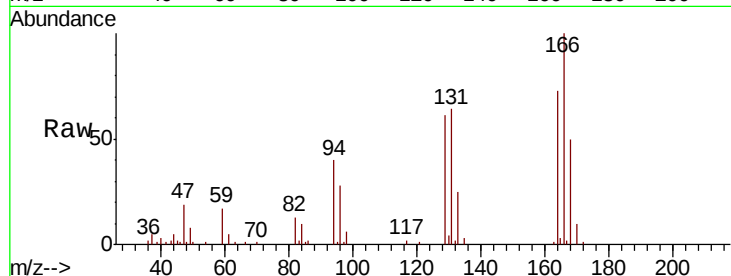
Ion Ratio Lower Upper

164 100

166 136.9 103.6 155.4

129 83.7 73.0 109.4

131 87.4 71.0 106.4

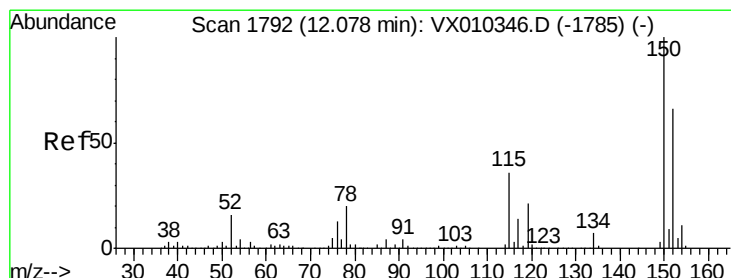
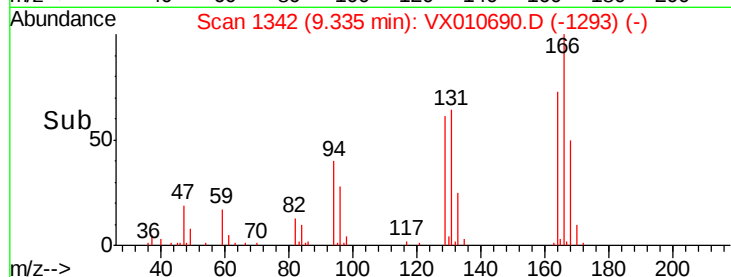
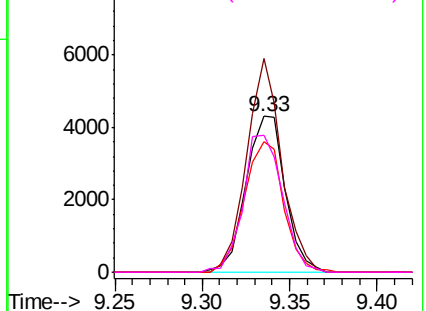


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010690.D

Acq: 08 Jul 2019 13:05

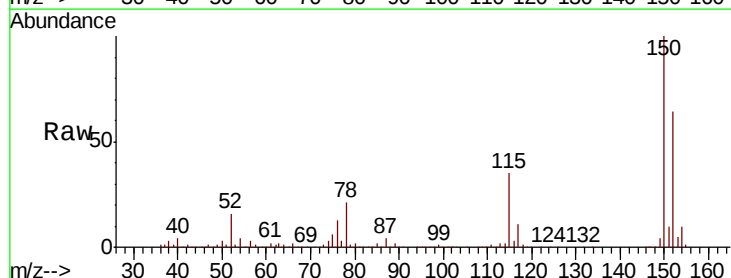
Tgt Ion:152 Resp: 154363

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

150 155.0 0.0 347.4



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

