

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009329.D
 Acq On : 03 May 2019 22:53
 Operator : JC/SP
 Sample : K2687-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW718-190502

Quant Time: May 06 04:59:14 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

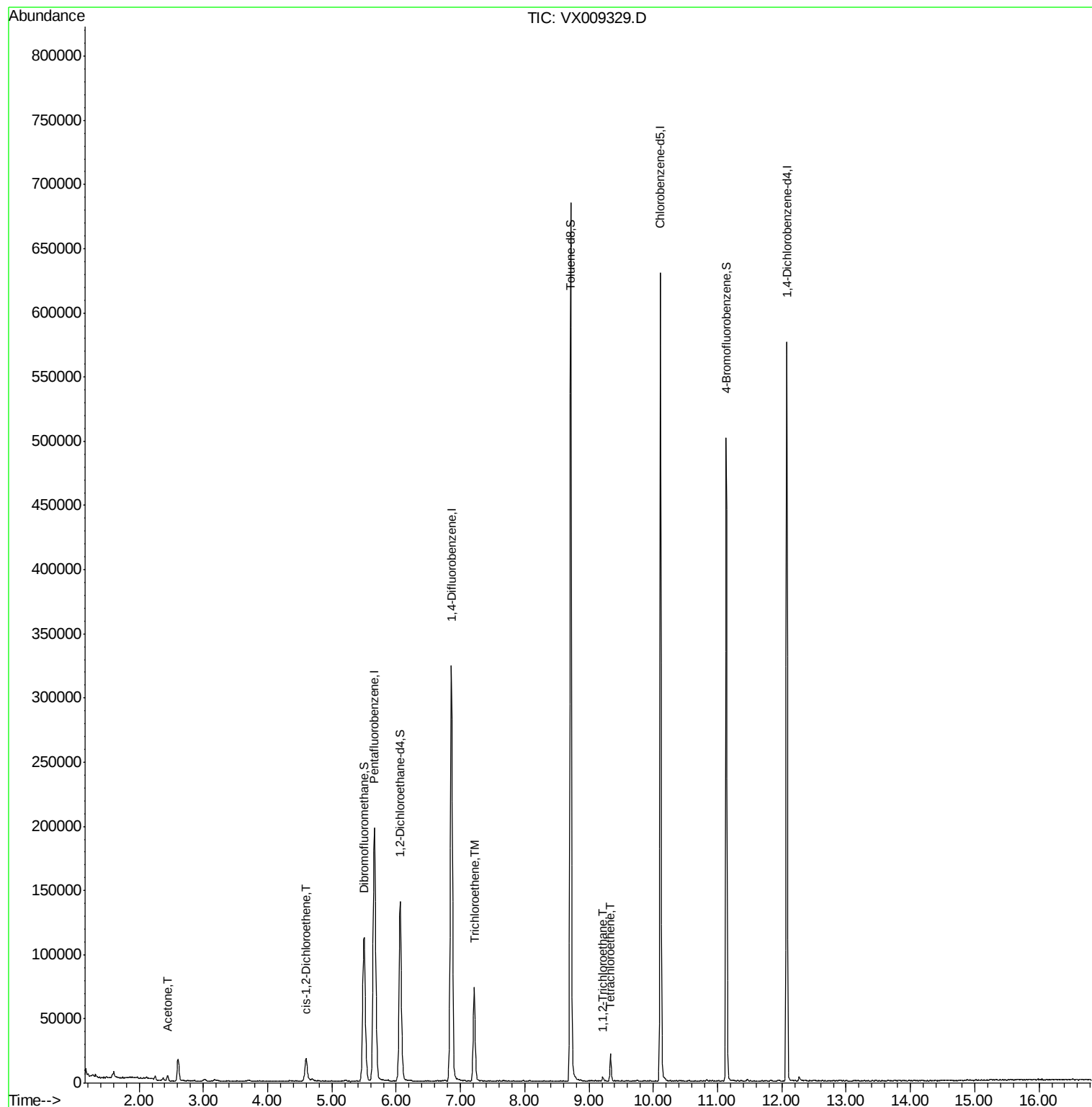
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319469	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131583	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	5.50	113	97190	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	8.71	98	399806	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	132961	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
16) Acetone	2.44	43	4721	3.250	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	11367	4.723	ug/l	86
44) Trichloroethene	7.21	130	27825	12.527	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	803	0.352	ug/l	92
64) Tetrachloroethene	9.34	164	3888	2.024	ug/l #	79

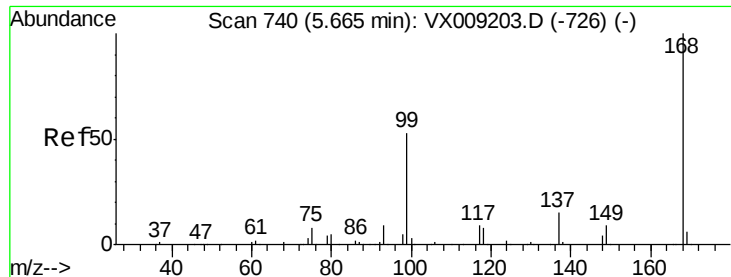
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009329.D

Acq: 03 May 2019 22:53

Instrument :

MSVOA_X

ClientSampleId :

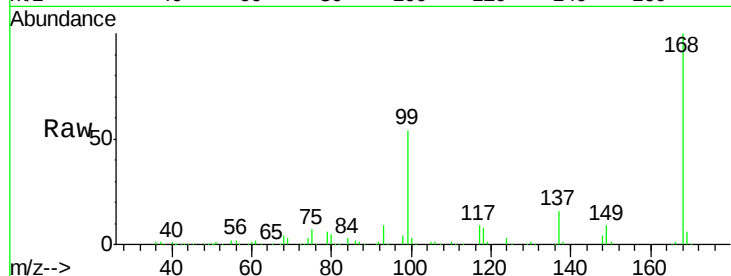
SS052MW718-190502

Tot Ion:168 Resp: 198140

Ion Ratio Lower Upper

168 100

99 54.1 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

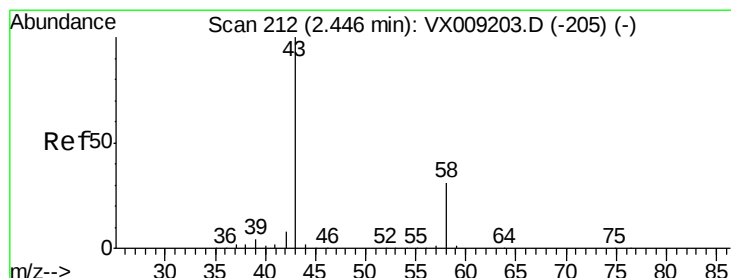
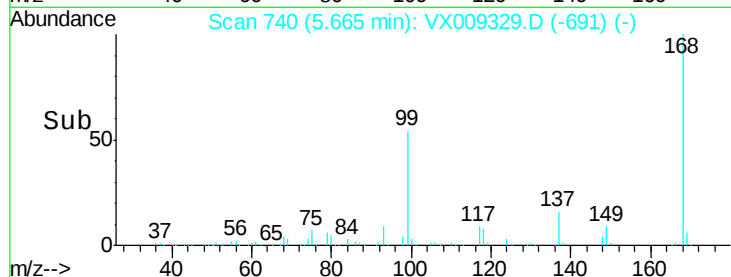
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.250 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009329.D

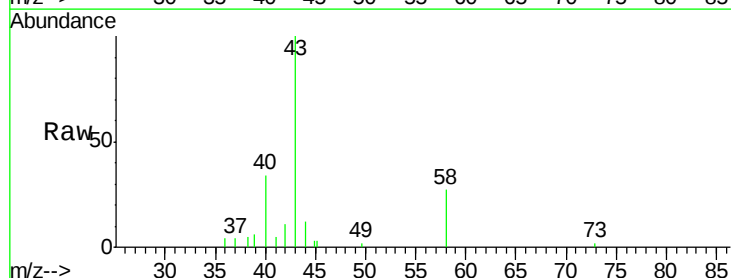
Acq: 03 May 2019 22:53

Tgt Ion: 43 Resp: 4721

Ion Ratio Lower Upper

43 100

58 26.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

2500

2000

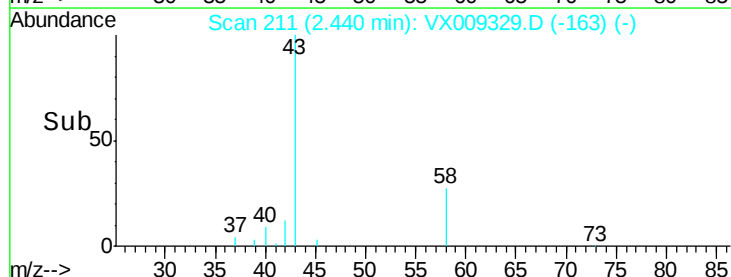
1500

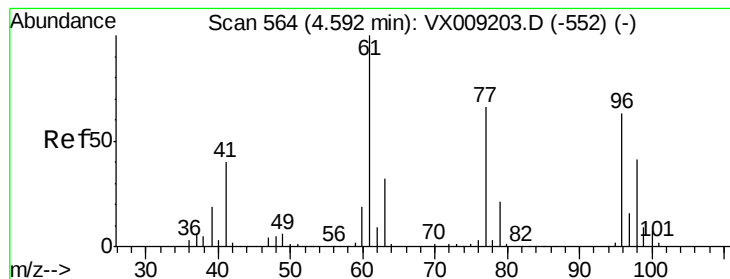
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55





#27

cis-1,2-Dichloroethene

Concen: 4.723 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009329.D

Acq: 03 May 2019 22:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW718-190502

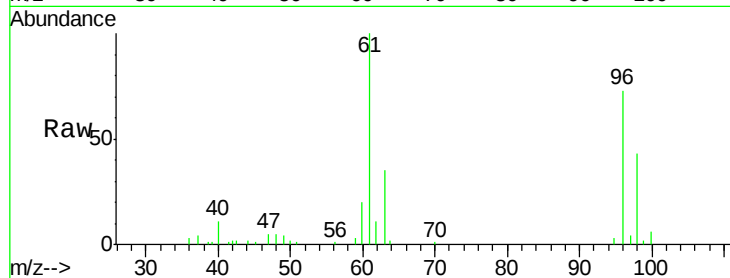
Tot Ion: 96 Resp: 11367

Ion Ratio Lower Upper

96 100

61 137.5 0.0 324.0

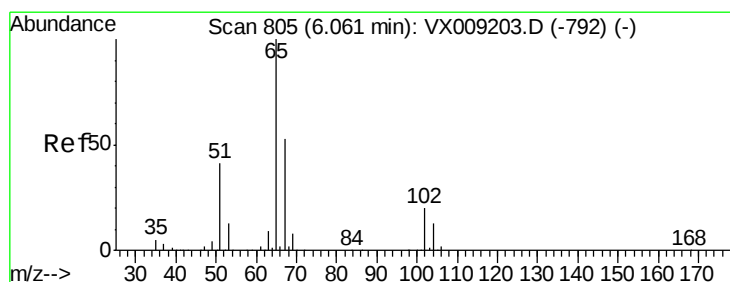
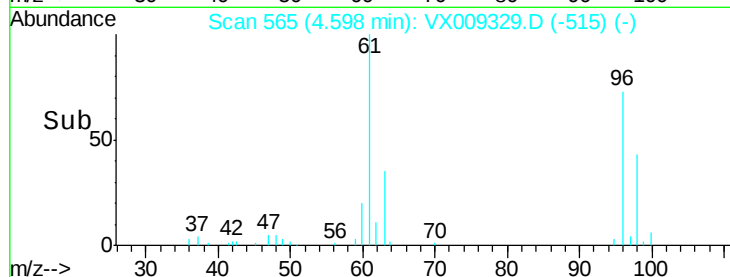
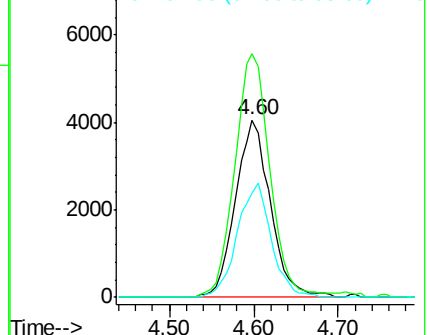
98 62.5 0.0 130.4



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



#33

1,2-Dichloroethane-d4

Concen: 48.647 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009329.D

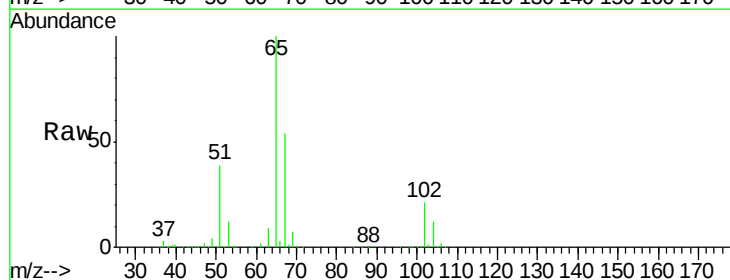
Acq: 03 May 2019 22:53

Tgt Ion: 65 Resp: 131583

Ion Ratio Lower Upper

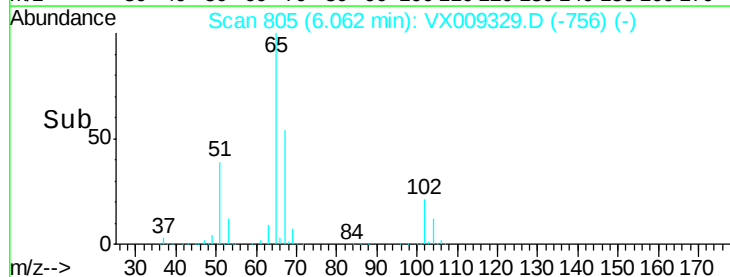
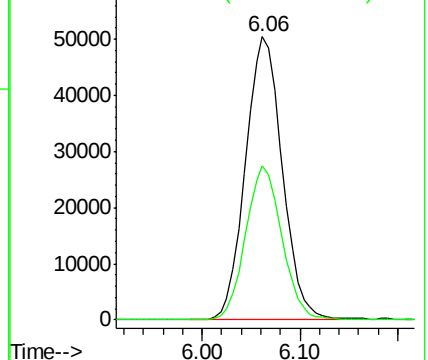
65 100

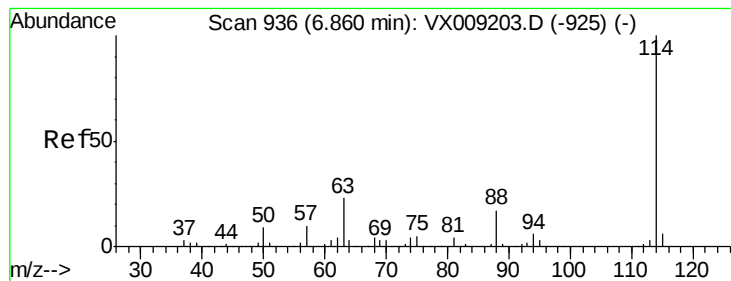
67 53.8 0.0 106.6



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: VX009329.D

Acq: 03 May 2019 22:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW718-190502

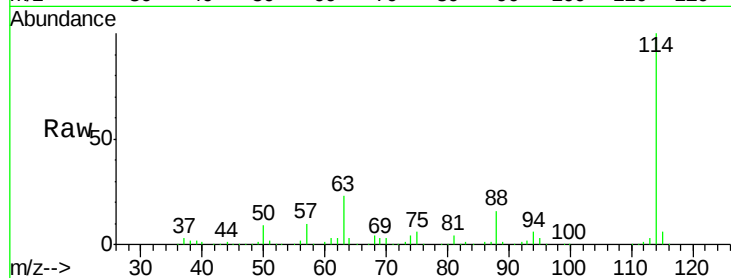
Tot Ion:114 Resp: 319469

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

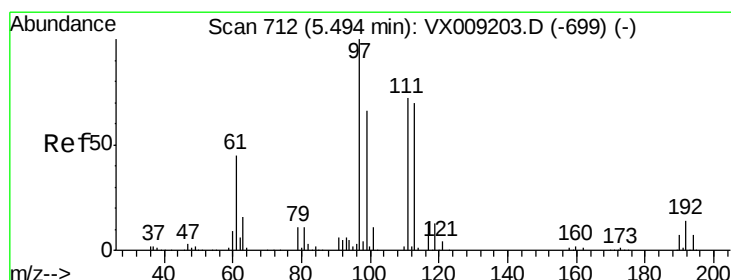
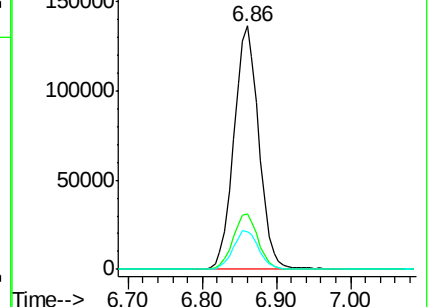
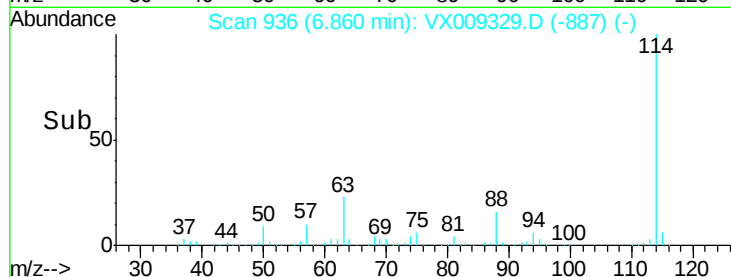
88 15.6 0.0 33.2



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: 48.394 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009329.D

Acq: 03 May 2019 22:53

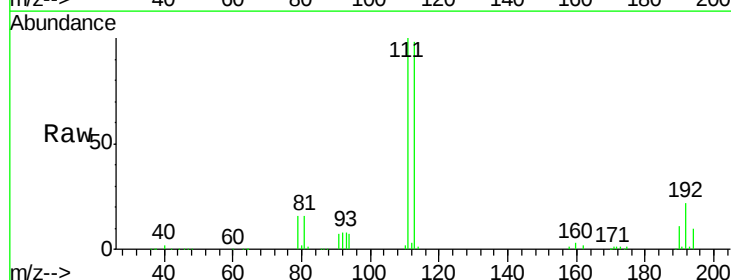
Tgt Ion:113 Resp: 97190

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

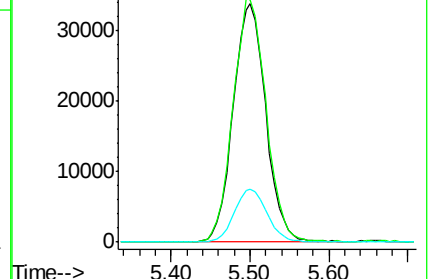
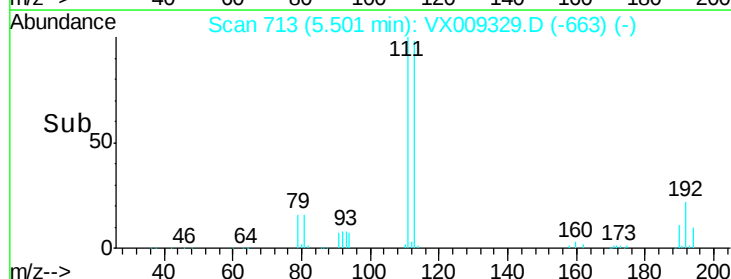
192 22.0 17.0 25.6

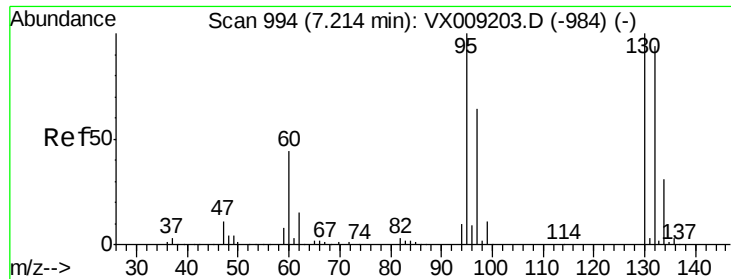


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

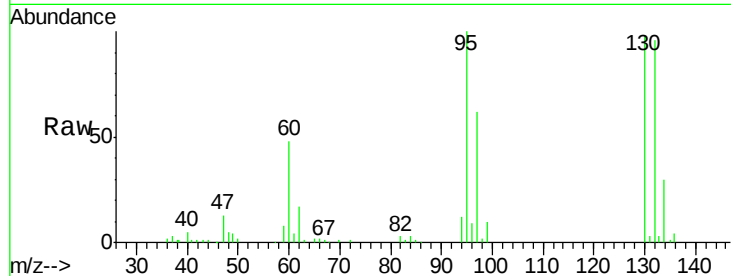




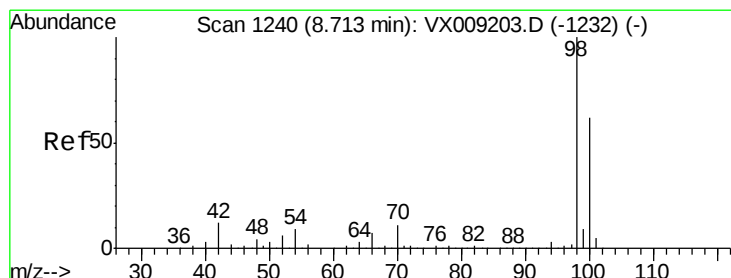
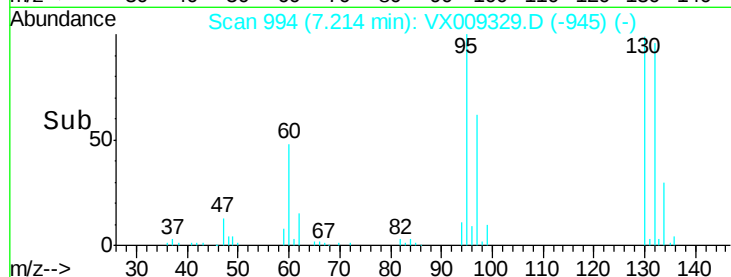
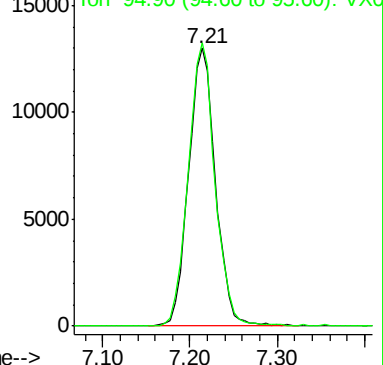
#44
 Trichloroethene
 Concen: 12.527 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009329.D
 Acq: 03 May 2019 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW718-190502

Tot Ion:130 Resp: 27825
 Ion Ratio Lower Upper
 130 100
 95 101.9 0.0 199.2

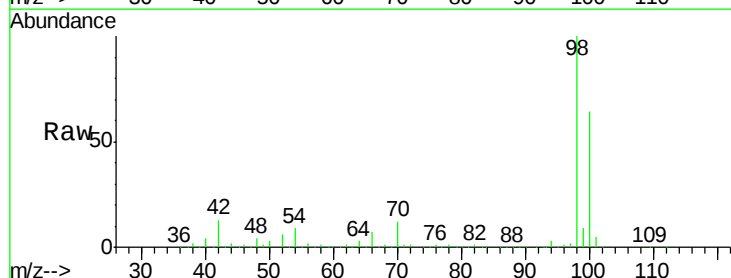


Abundance Ion 129.80 (129.50 to 130.50): V

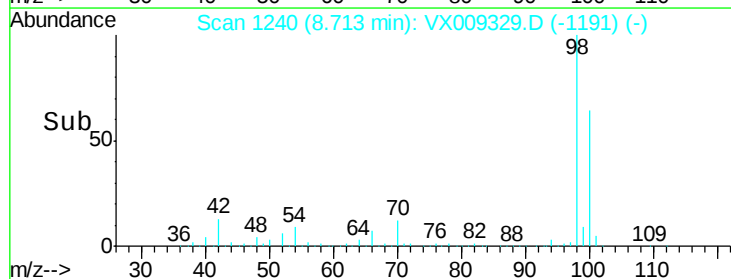
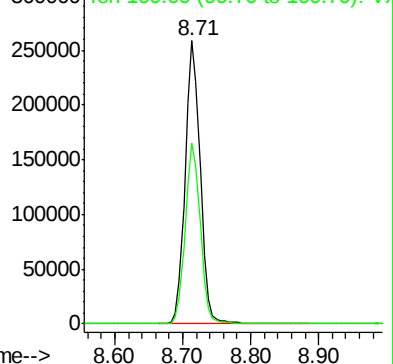


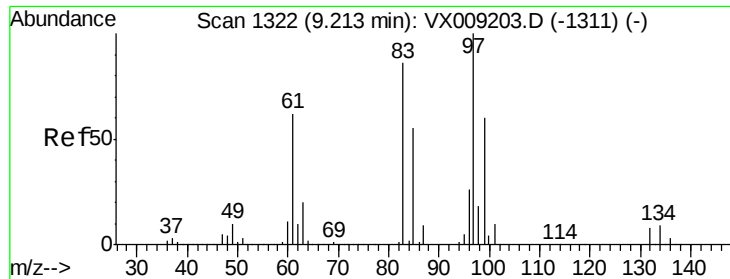
#50
 Toluene-d8
 Concen: 49.310 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009329.D
 Acq: 03 May 2019 22:53

Tgt Ion: 98 Resp: 399806
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

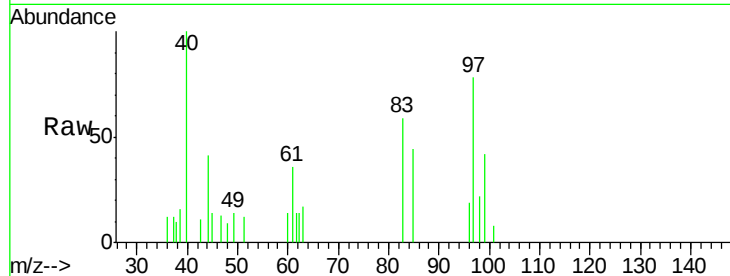




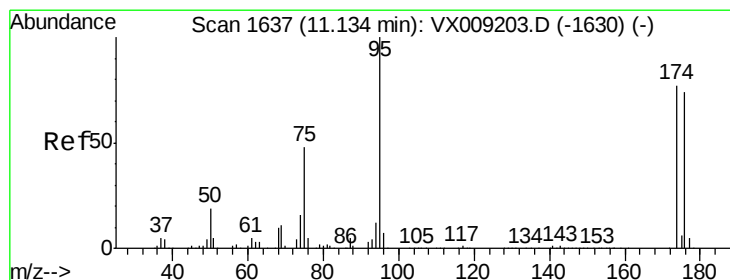
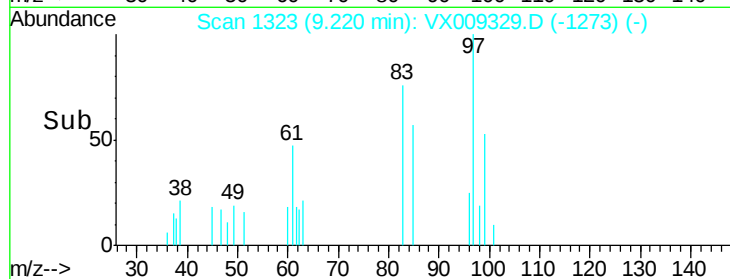
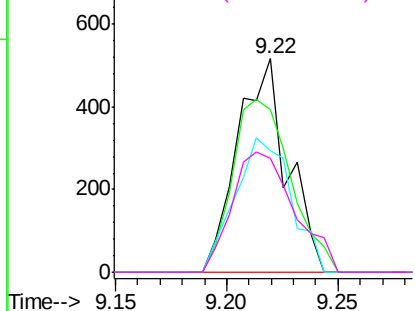
#55
 1,1,2-Trichloroethane
 Concen: 0.352 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX009329.D
 Acq: 03 May 2019 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW718-190502

Tot Ion:	97	Resp:	803
Ion	Ratio	Lower	Upper
97	100		
83	76.4	68.9	103.3
85	57.2	43.8	65.6
99	53.5	48.2	72.2

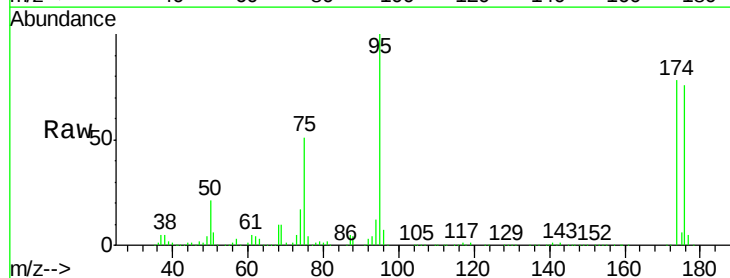


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

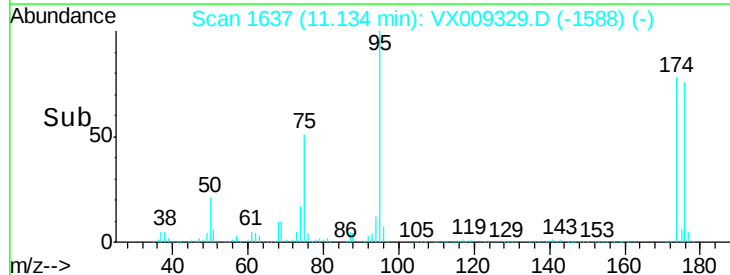
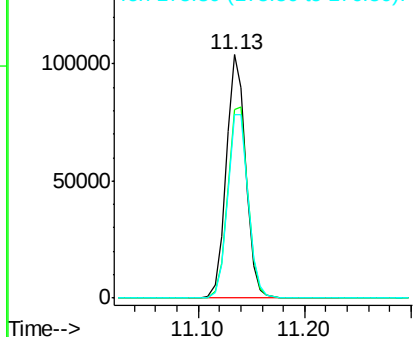


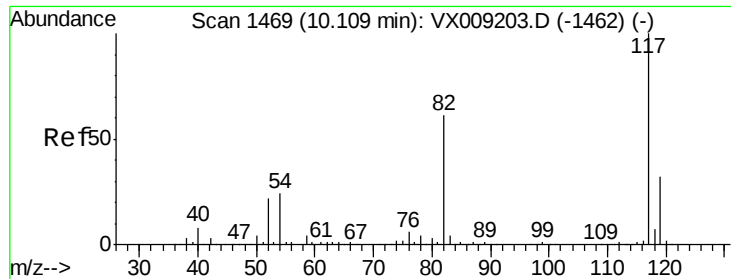
#62
 4-Bromofluorobenzene
 Concen: 45.130 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009329.D
 Acq: 03 May 2019 22:53

Tgt Ion:	95	Resp:	132961
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	161.6
176	80.3	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

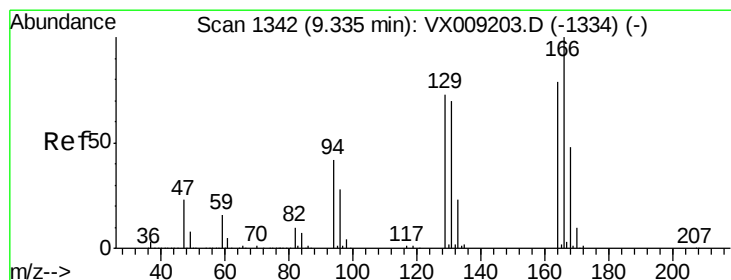
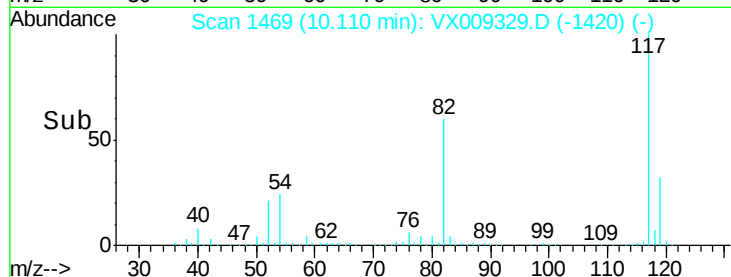
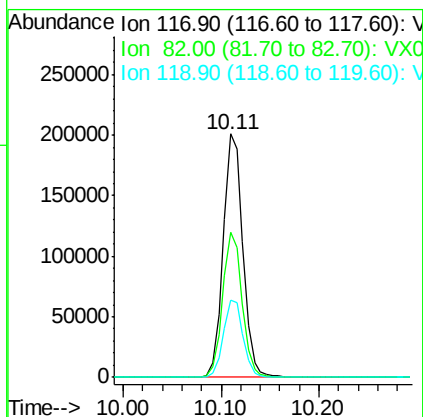
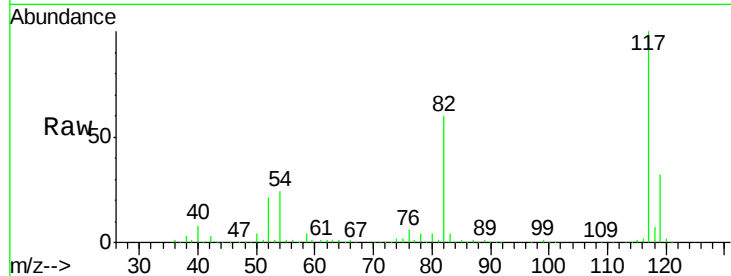




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009329.D
Acq: 03 May 2019 22:53

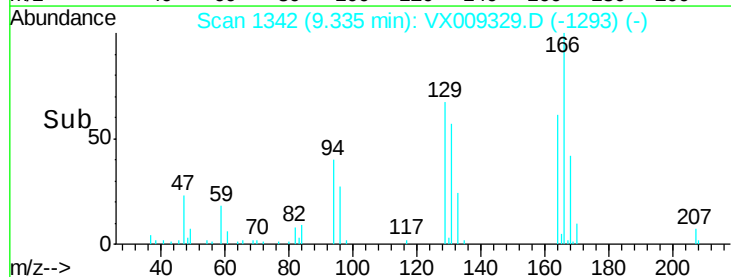
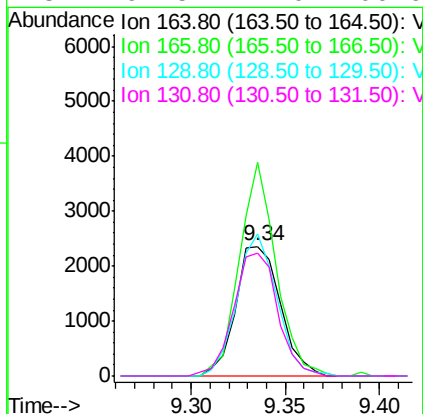
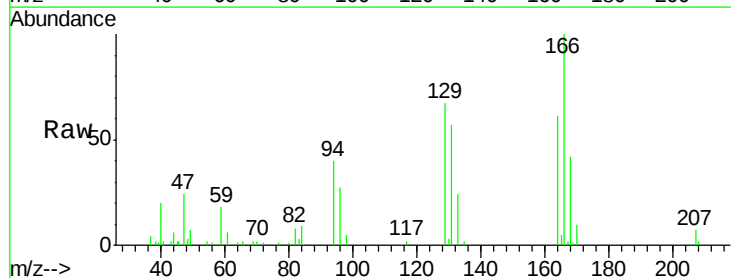
Instrument :
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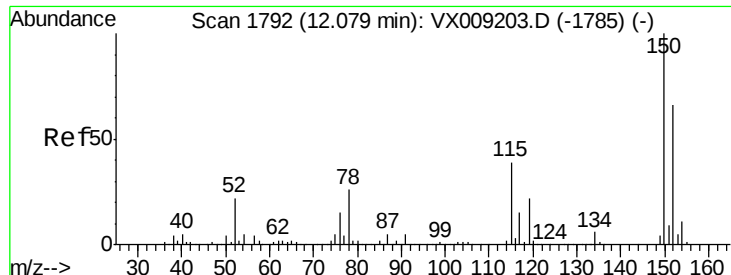
Tot Ion:117 Resp: 279985
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 2.024 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009329.D
Acq: 03 May 2019 22:53

Tgt Ion:164 Resp: 3888
Ion Ratio Lower Upper
164 100
166 164.4 101.2 151.8#
129 109.4 74.3 111.5
131 94.5 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: VX009329.D

Acq: 03 May 2019 22:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW718-190502

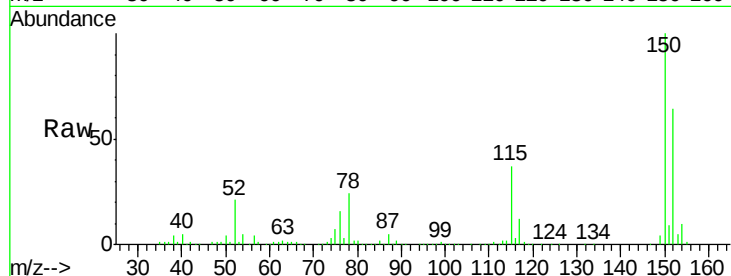
Tot Ion:152 Resp: 121299

Ion Ratio Lower Upper

152 100

115 58.6 41.2 123.6

150 157.8 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

