

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042919\
 Data File : VX009228.D
 Acq On : 29 Apr 2019 23:22
 Operator : JC/SP
 Sample : K2594-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW352-190423

Quant Time: May 01 10:28:45 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

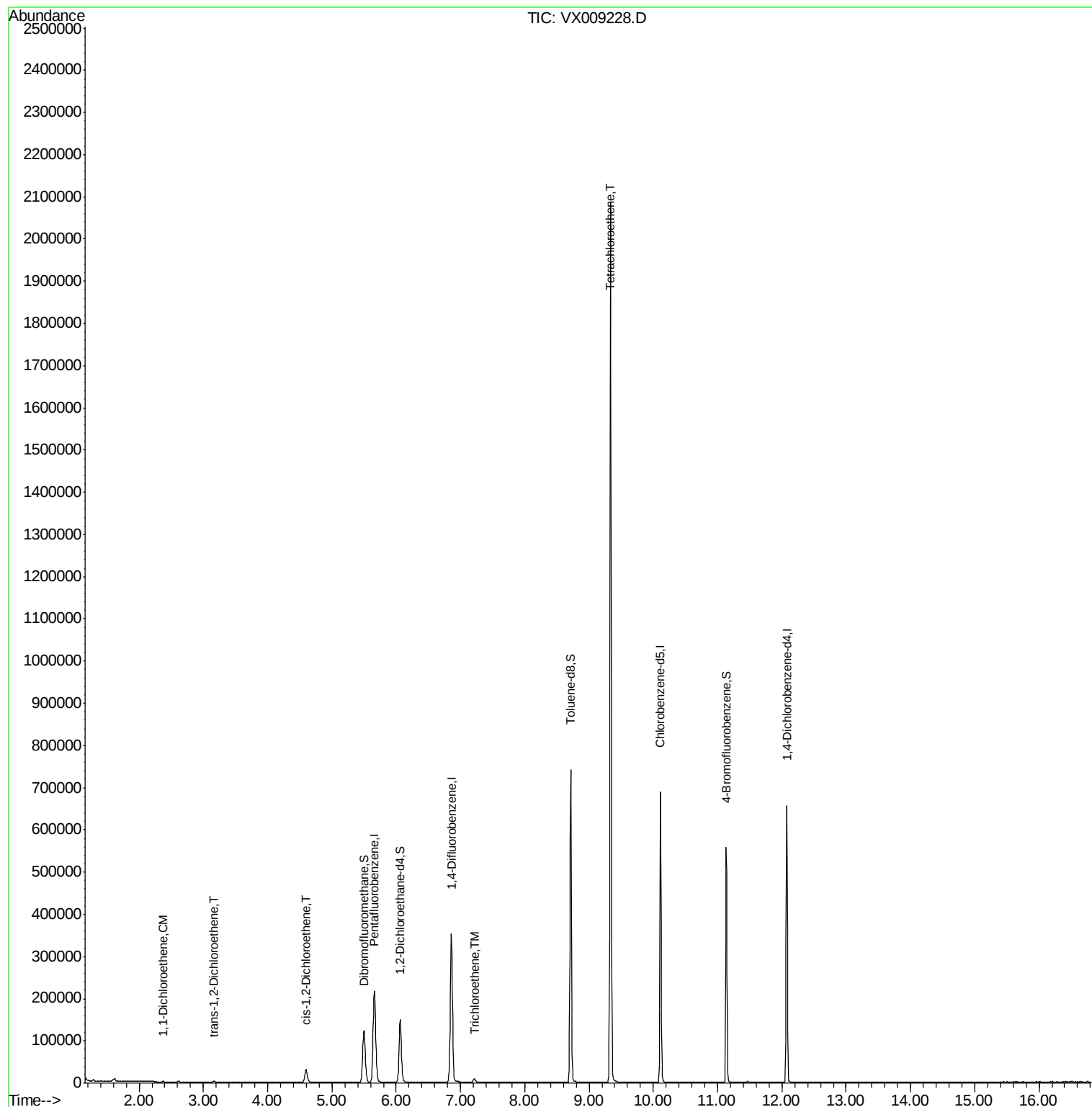
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140099	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	5.50	113	103112	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	8.71	98	429796	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	145171	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	826	0.410	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	978	0.448	ug/l	81
27) cis-1,2-Dichloroethene	4.60	96	18262	7.004	ug/l	91
44) Trichloroethene	7.21	130	3361	1.401	ug/l	94
64) Tetrachloroethene	9.34	164	406575	195.369	ug/l	99

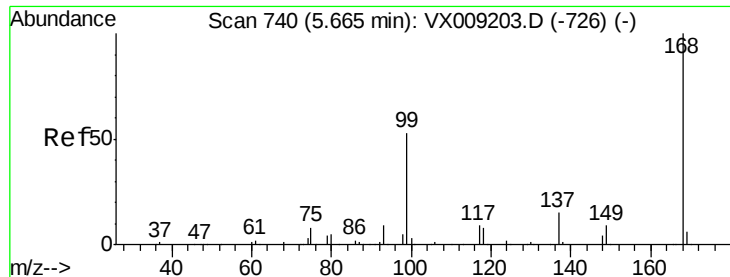
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009228.D

Acq: 29 Apr 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

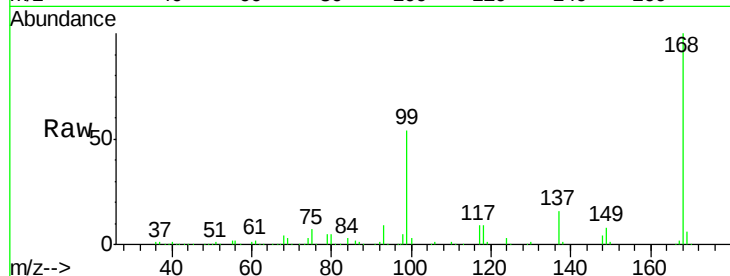
WP021MW352-190423

Tot Ion:168 Resp: 214667

Ion Ratio Lower Upper

168 100

99 53.6 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

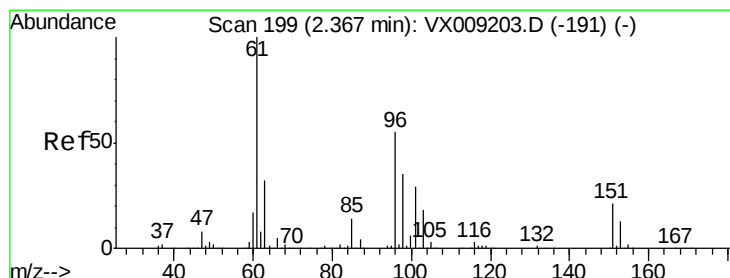
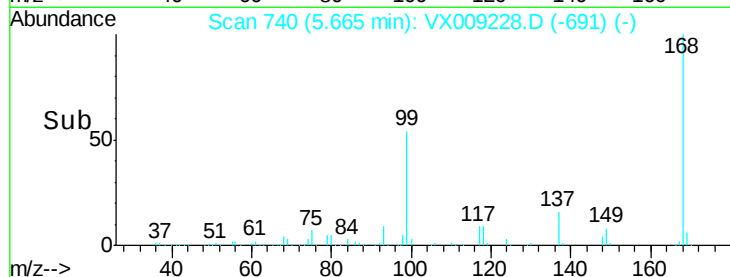
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.410 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009228.D

Acq: 29 Apr 2019 23:22

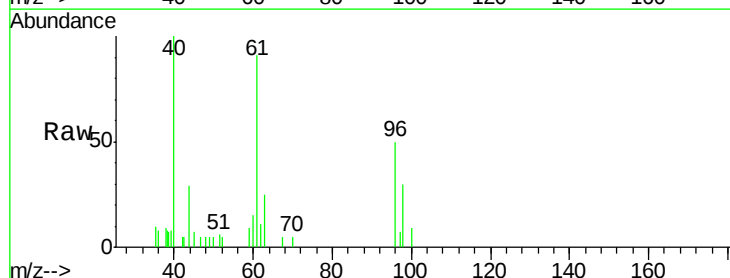
Tgt Ion: 96 Resp: 826

Ion Ratio Lower Upper

96 100

61 184.1 144.3 216.5

98 59.9 50.3 75.5



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

1200

1000

800

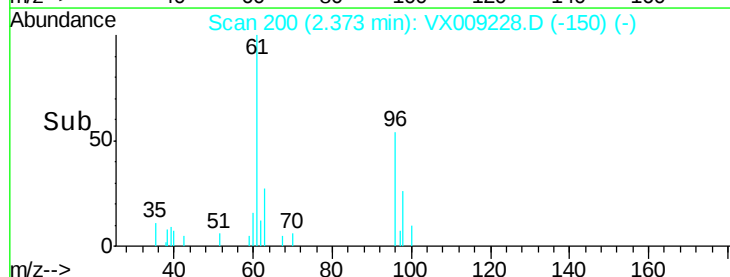
600

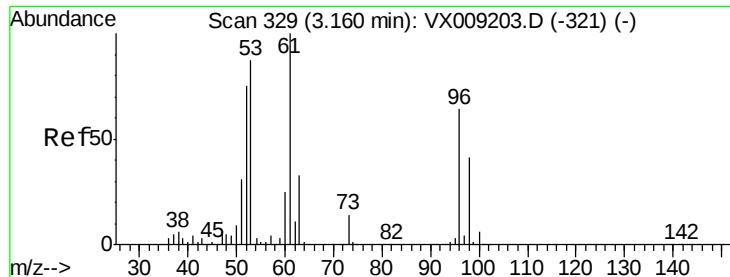
400

200

0

Time--> 2.30 2.35 2.40





#21

trans-1,2-Dichloroethene

Concen: 0.448 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009228.D

Acq: 29 Apr 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-190423

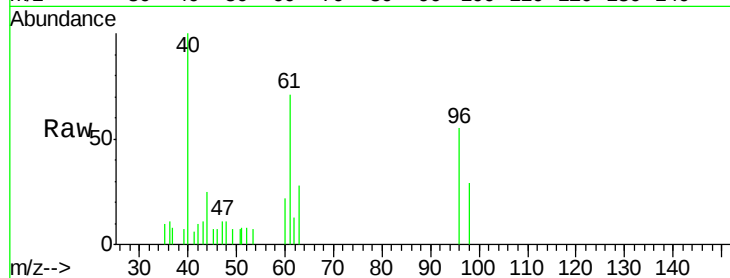
Tot Ion: 96 Resp: 978

Ion Ratio Lower Upper

96 100

61 129.0 124.5 186.7

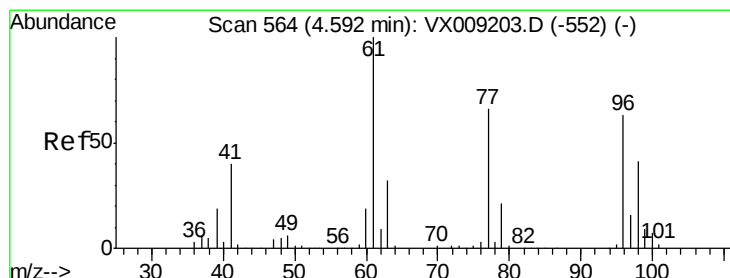
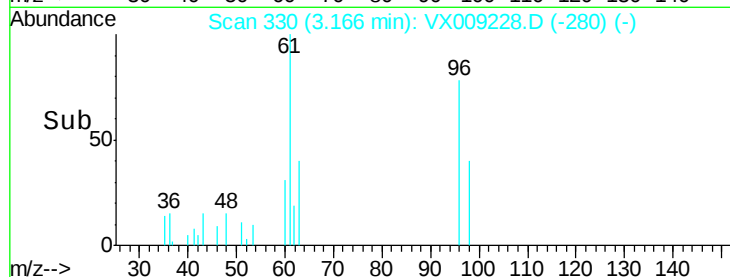
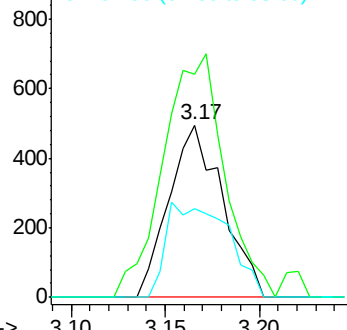
98 51.6 50.4 75.6



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



#27

cis-1,2-Dichloroethene

Concen: 7.004 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009228.D

Acq: 29 Apr 2019 23:22

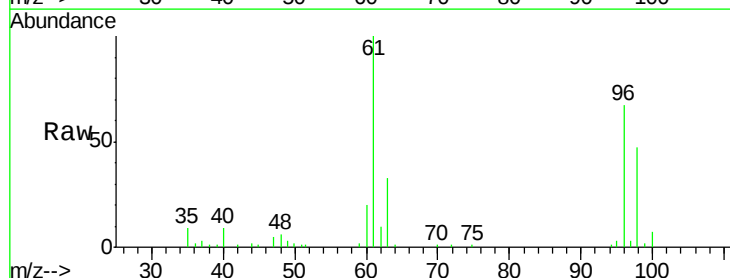
Tgt Ion: 96 Resp: 18262

Ion Ratio Lower Upper

96 100

61 145.0 0.0 324.0

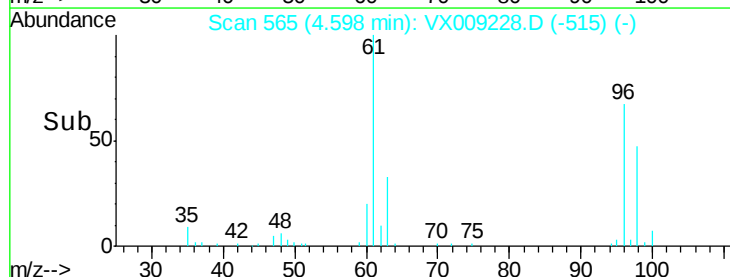
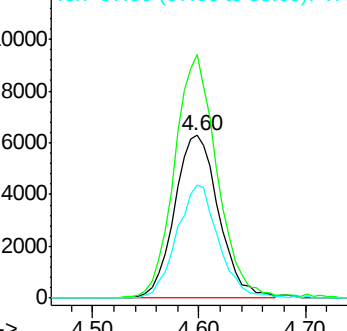
98 66.2 0.0 130.4

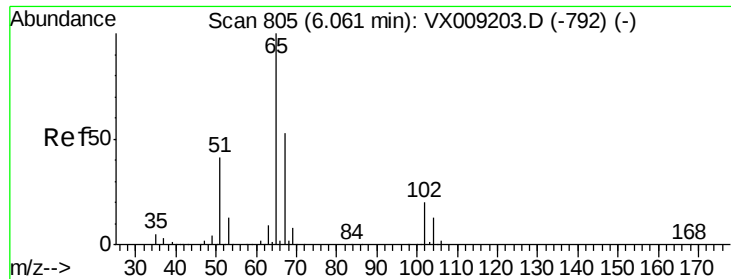


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

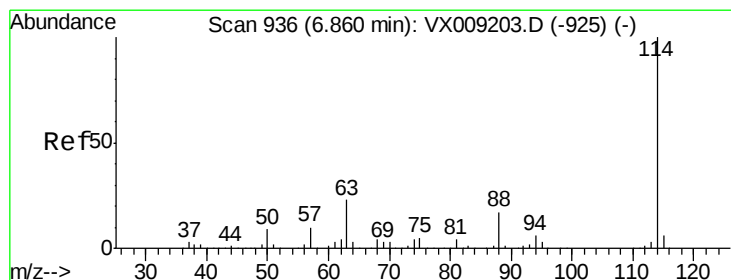
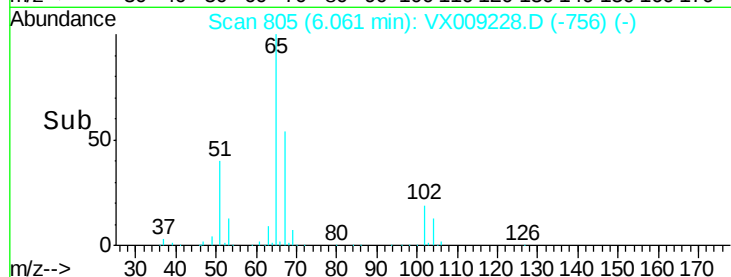
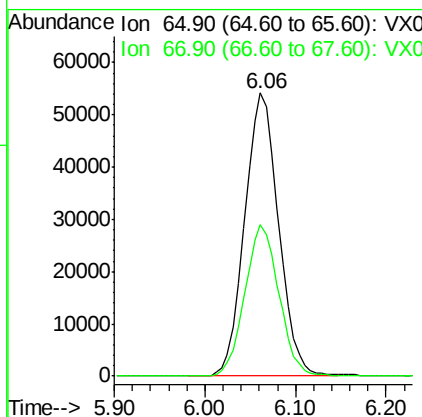
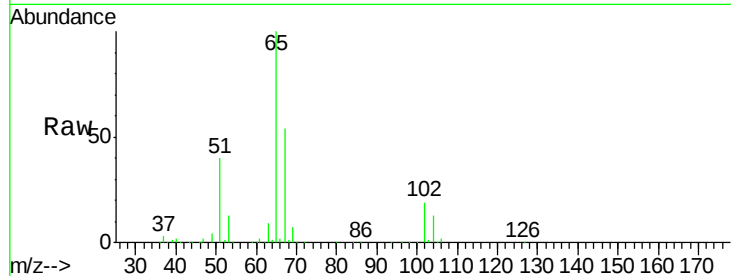




#33
 1,2-Dichloroethane-d4
 Concen: 47.808 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009228.D
 Acq: 29 Apr 2019 23:22

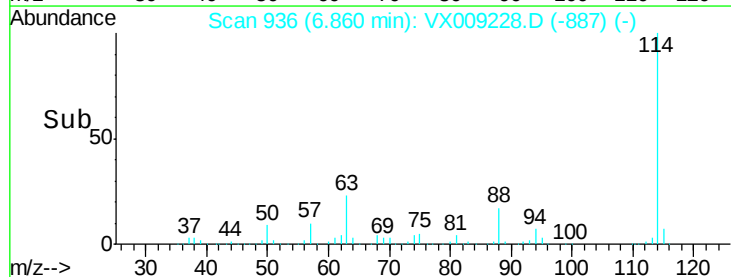
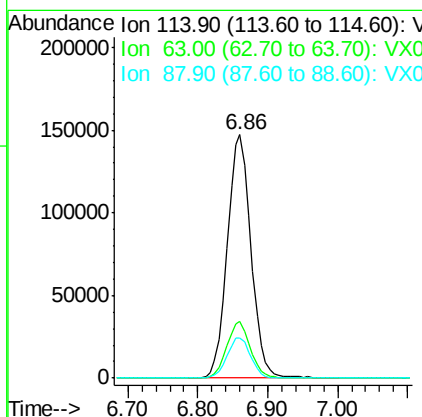
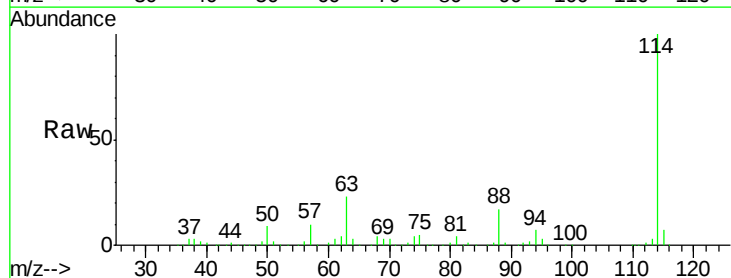
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW352-190423

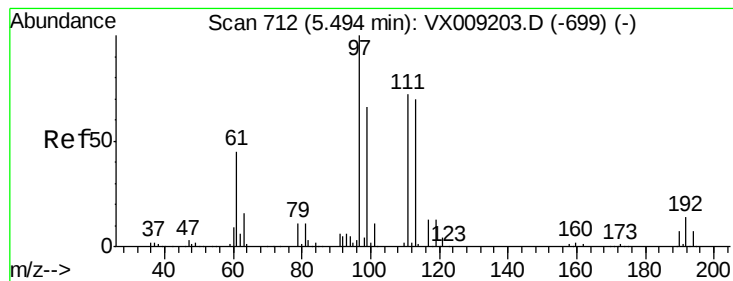
Tot Ion: 65 Resp: 140099
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009228.D
 Acq: 29 Apr 2019 23:22

Tgt Ion: 114 Resp: 345057
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.535 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009228.D

Acq: 29 Apr 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-190423

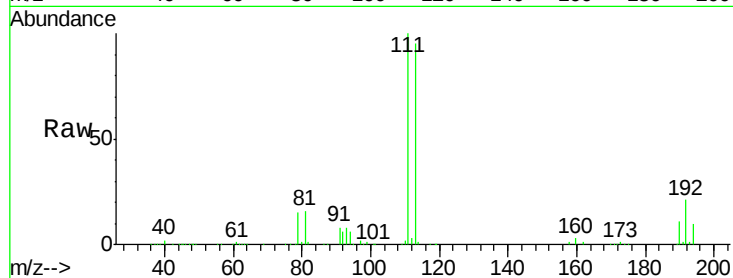
Tot Ion:113 Resp: 103112

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

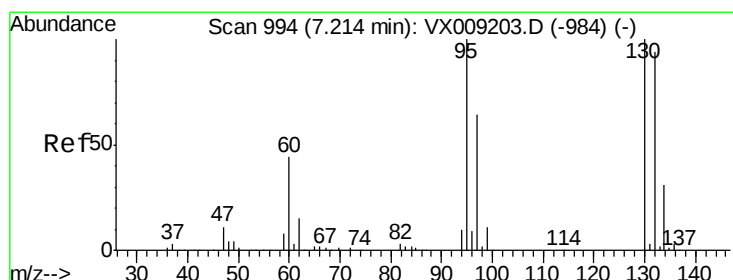
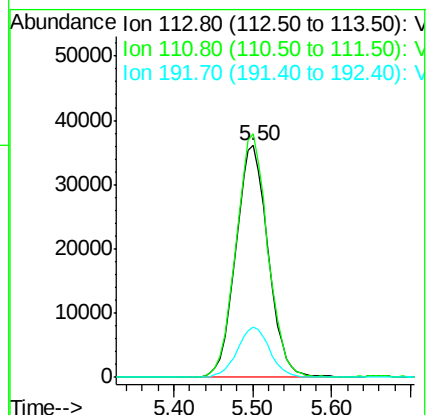
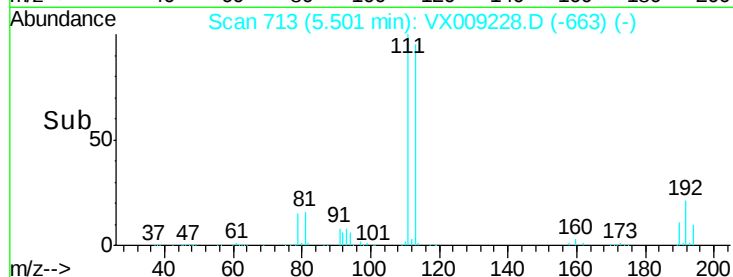
192 21.8 17.0 25.6



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: 1.401 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009228.D

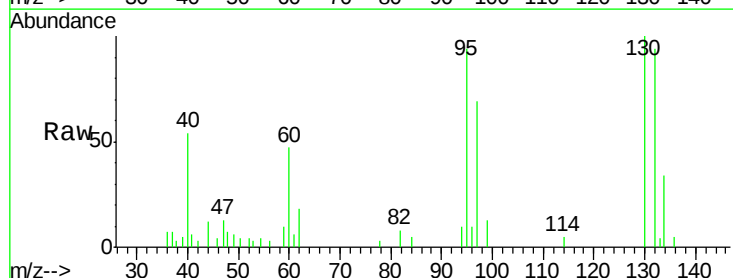
Acq: 29 Apr 2019 23:22

Tgt Ion:130 Resp: 3361

Ion Ratio Lower Upper

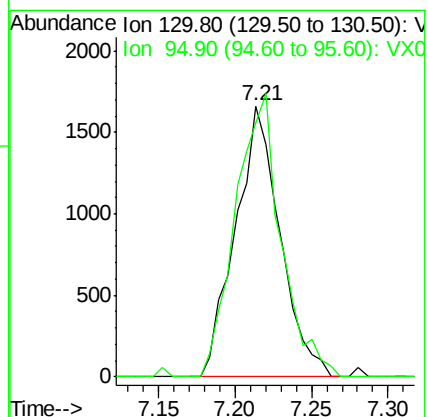
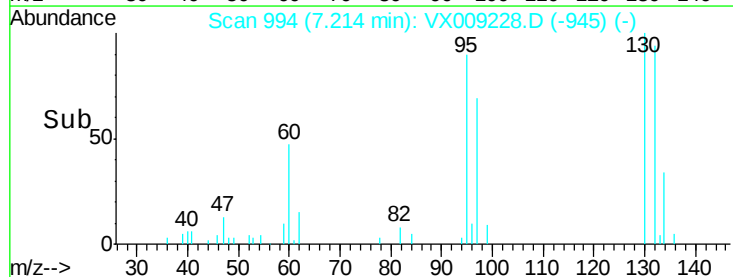
130 100

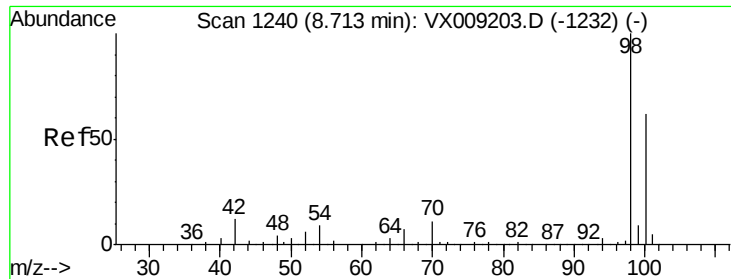
95 93.9 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.078 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009228.D

Acq: 29 Apr 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

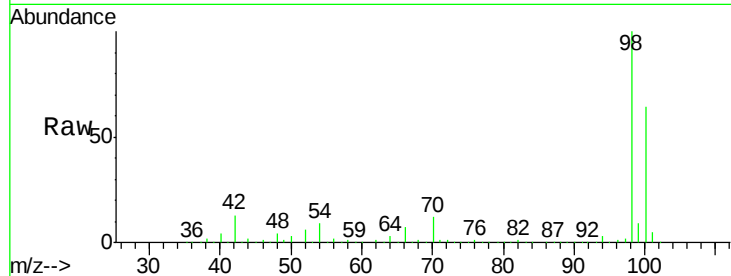
WP021MW352-190423

Tot Ion: 98 Resp: 429796

Ion Ratio Lower Upper

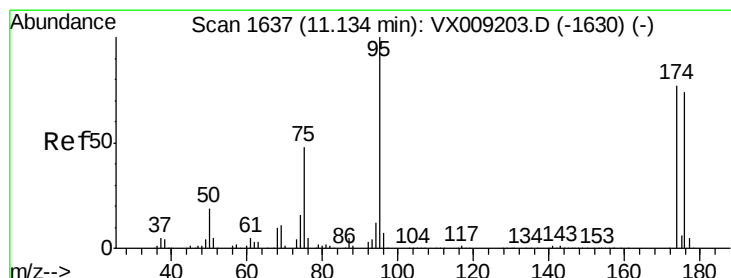
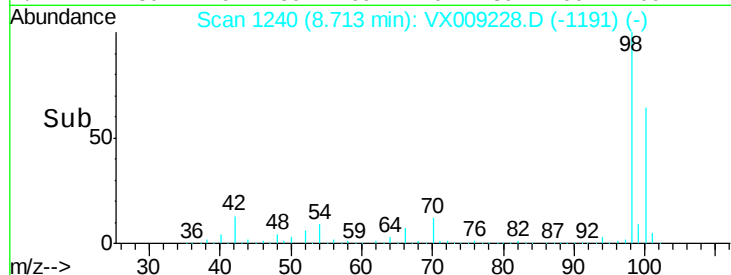
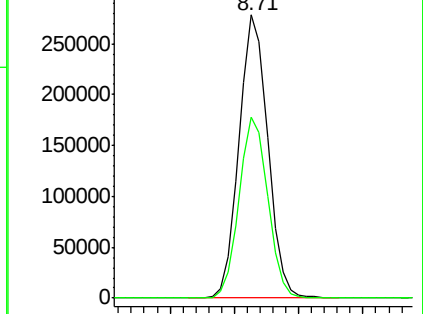
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 45.621 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009228.D

Acq: 29 Apr 2019 23:22

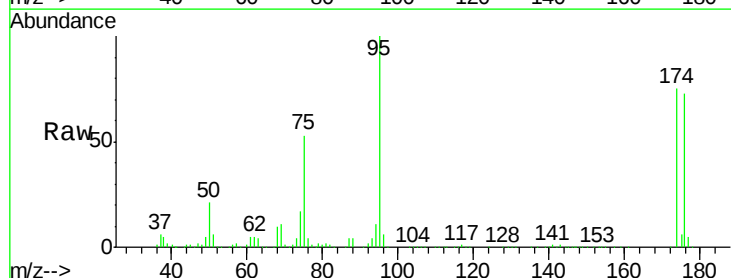
Tgt Ion: 95 Resp: 145171

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

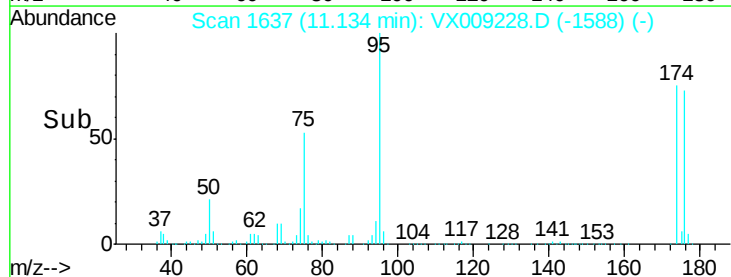
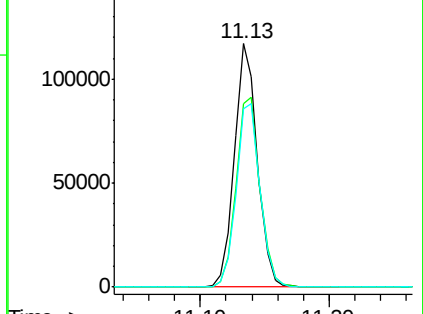
176 78.3 0.0 159.2

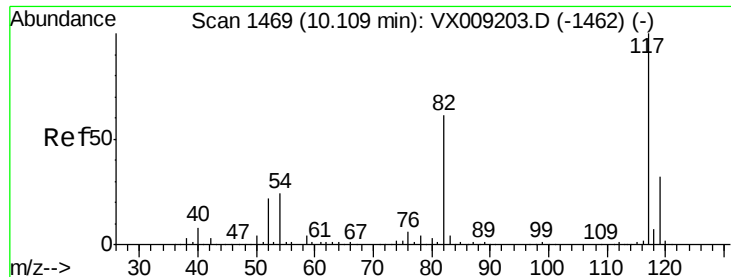


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

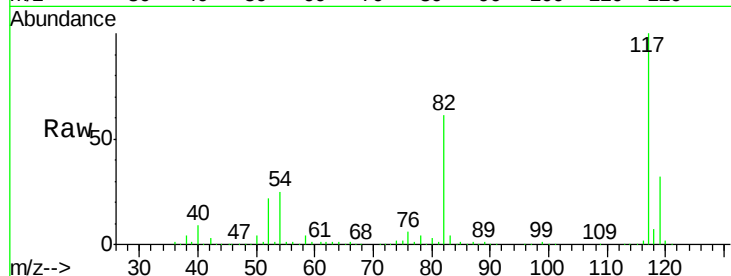




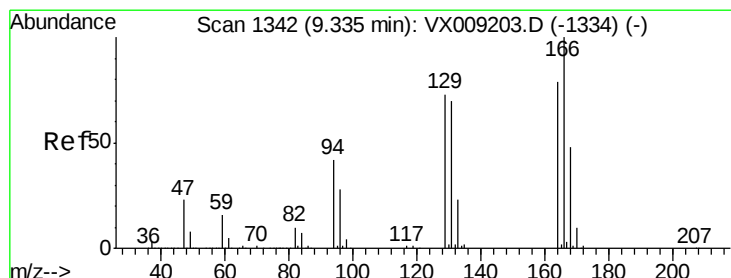
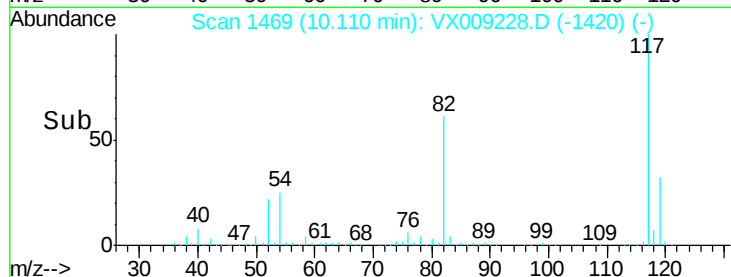
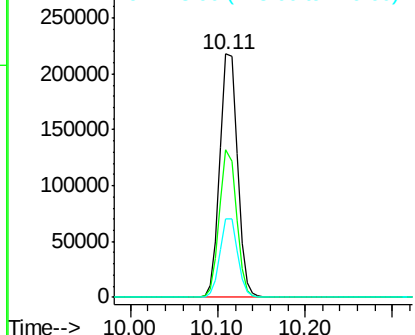
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009228.D
Acq: 29 Apr 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-190423

Tot Ion:117 Resp: 303382
Ion Ratio Lower Upper
117 100
82 60.5 48.8 73.2
119 32.3 25.8 38.6



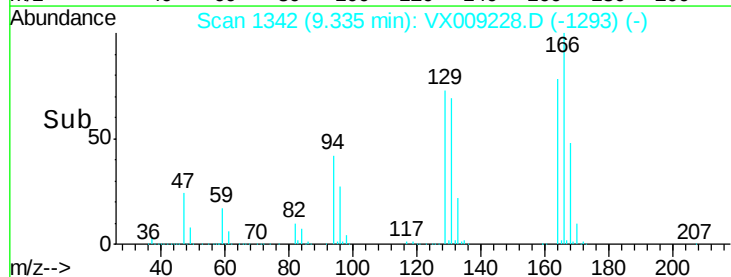
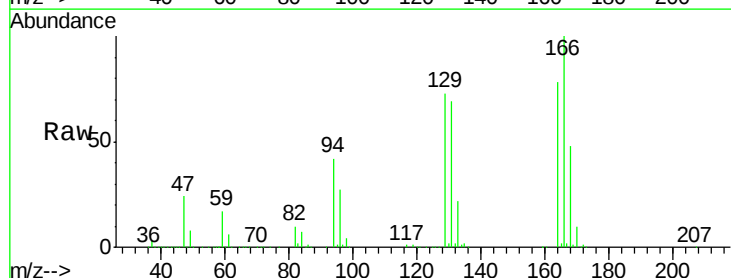
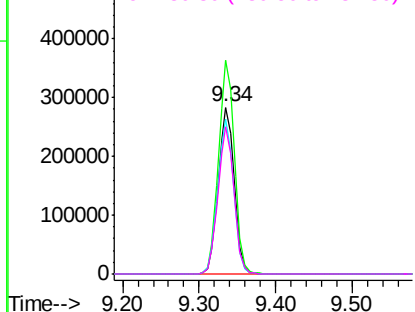
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

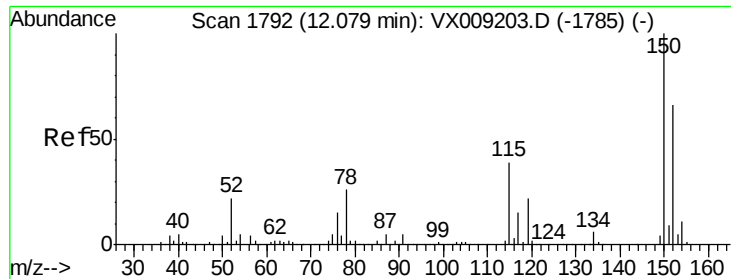


#64
Tetrachloroethene
Concen: 195.369 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009228.D
Acq: 29 Apr 2019 23:22

Tgt Ion:164 Resp: 406575
Ion Ratio Lower Upper
164 100
166 127.9 101.2 151.8
129 93.1 74.3 111.5
131 88.5 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: VX009228.D
 Acq: 29 Apr 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW352-190423

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	41.2	123.6
150	156.7	0.0	346.4

