

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009450.D
 Acq On : 10 May 2019 00:44
 Operator : JC/SP
 Sample : K2782-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW715-190506

Quant Time: May 10 08:33:39 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

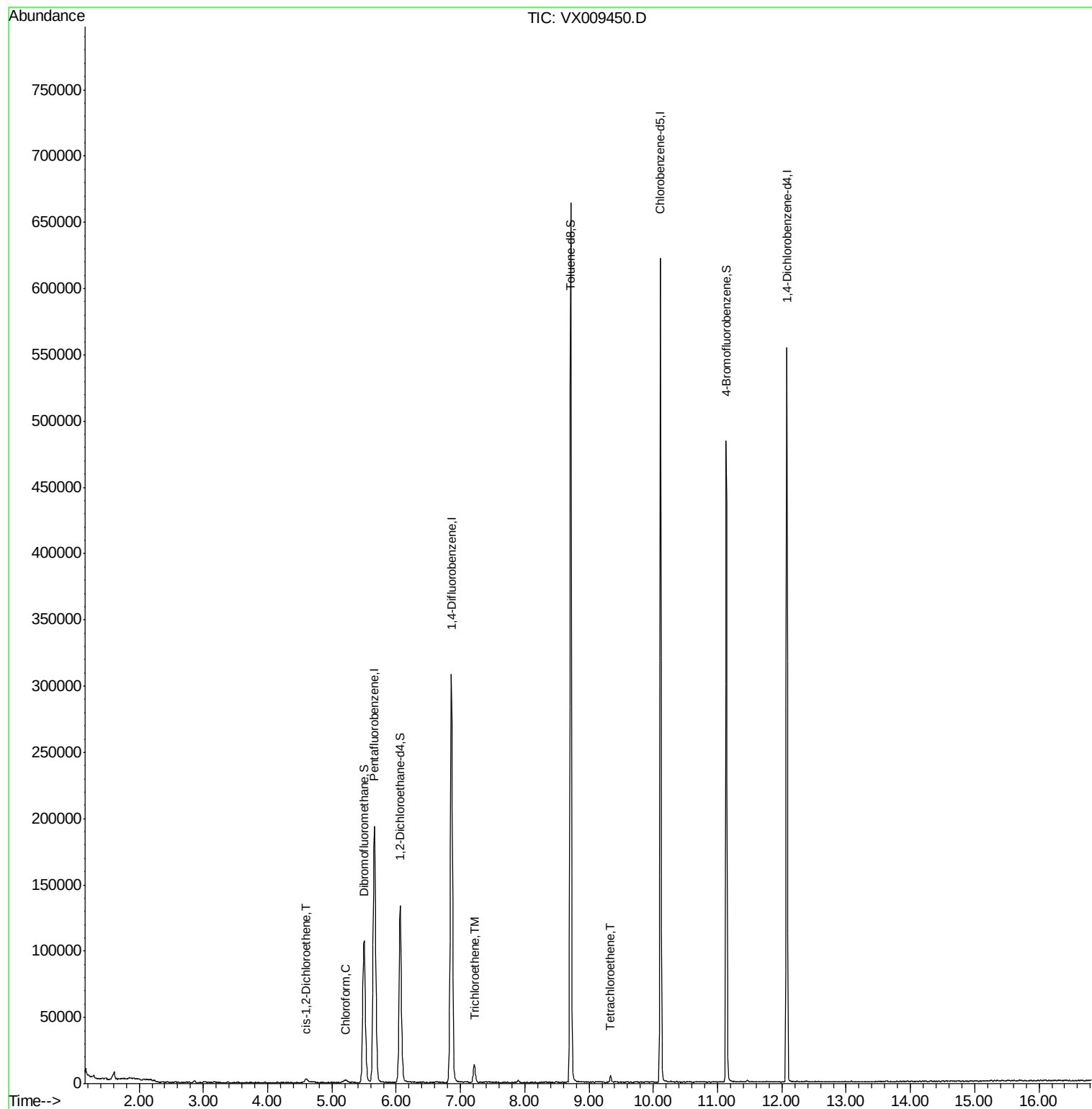
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125494	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
35) Dibromofluoromethane	5.50	113	93106	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	383344	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	124341	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	1798	0.769	ug/l	91
30) Chloroform	5.21	83	2393	0.634	ug/l #	83
44) Trichloroethene	7.21	130	5285	2.479	ug/l	99
64) Tetrachloroethene	9.34	164	1047	0.566	ug/l	83

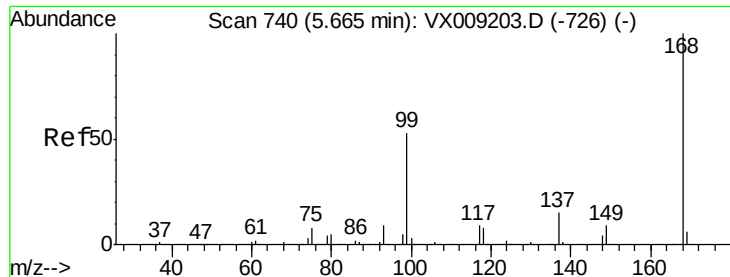
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009450.D

Acq: 10 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

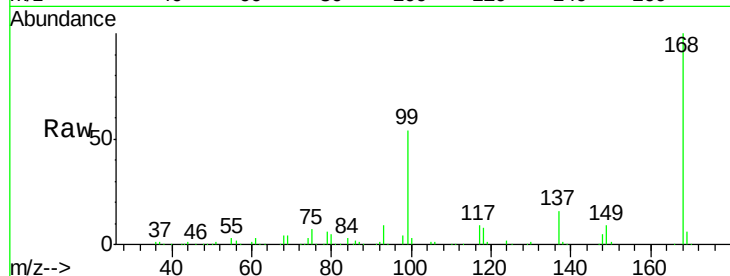
SS052MW715-190506

Tot Ion:168 Resp: 192493

Ion Ratio Lower Upper

168 100

99 54.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

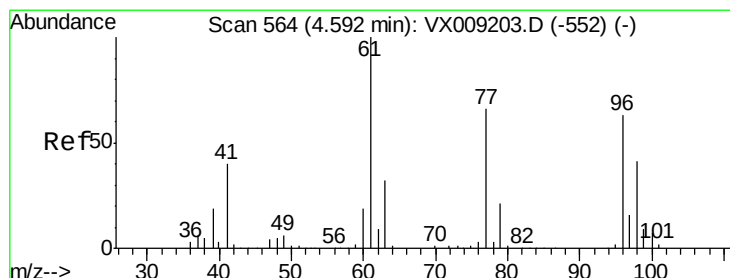
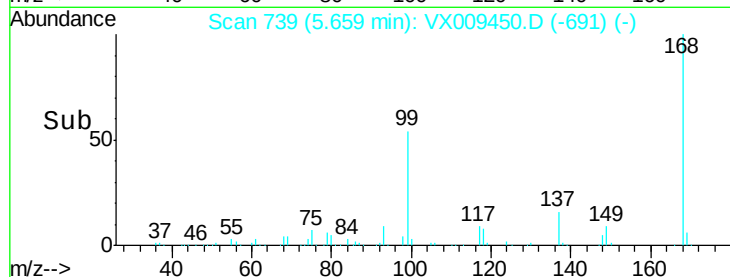
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.769 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009450.D

Acq: 10 May 2019 00:44

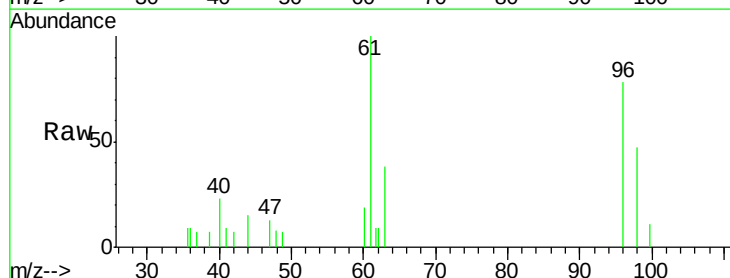
Tgt Ion: 96 Resp: 1798

Ion Ratio Lower Upper

96 100

61 150.6 0.0 324.0

98 73.1 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

1200

1000

800

600

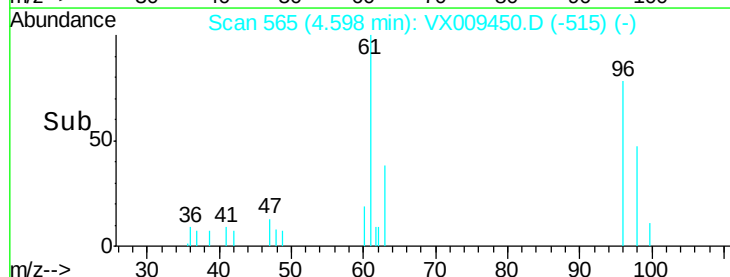
400

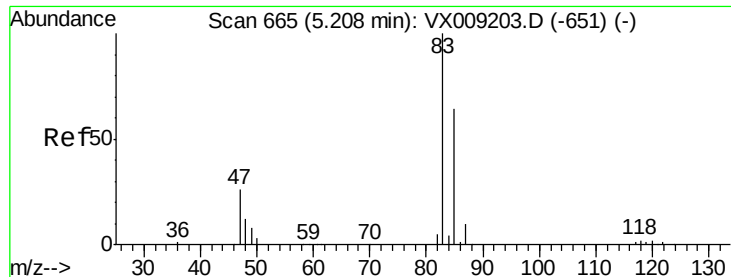
200

0

Time-->

4.50 4.55 4.60 4.65 4.70

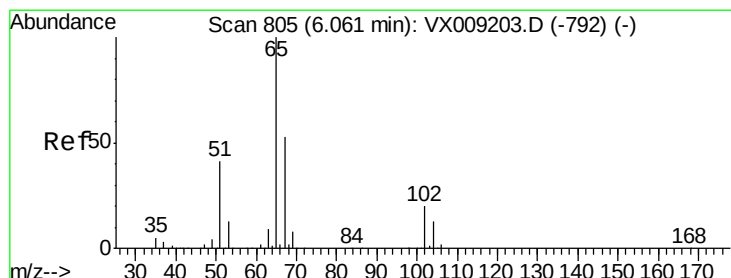
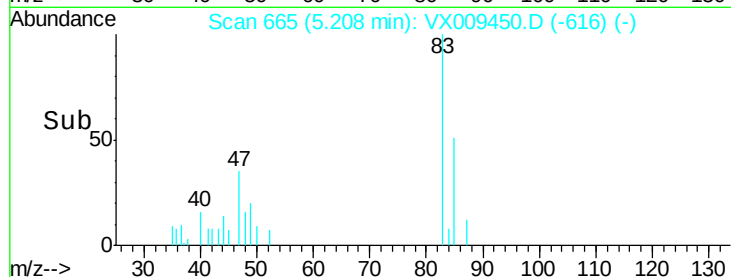
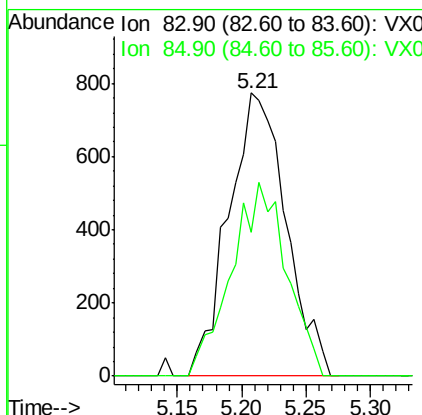
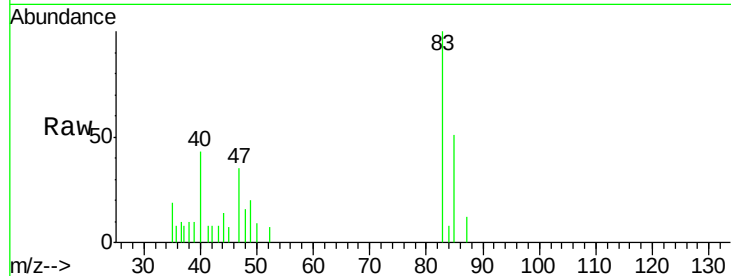




#30
Chloroform
Concen: 0.634 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009450.D
Acq: 10 May 2019 00:44

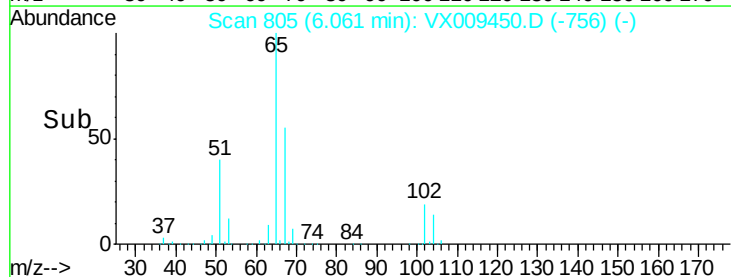
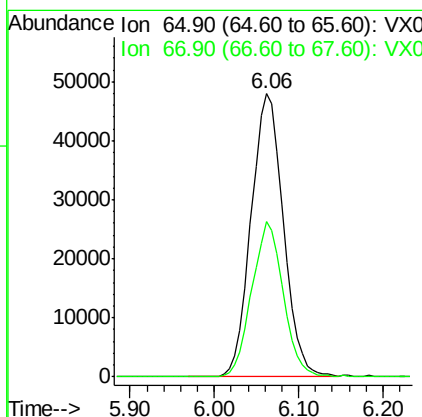
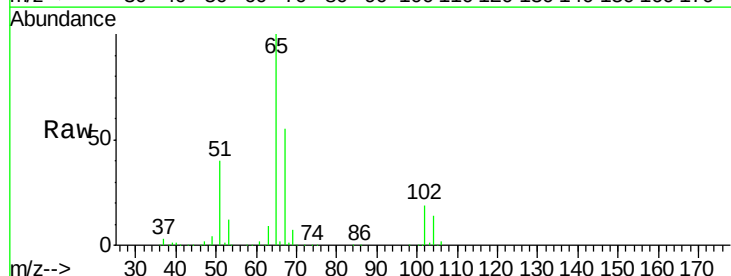
Instrument :
MSVOA_X
ClientSampleId :
SS052MW715-190506

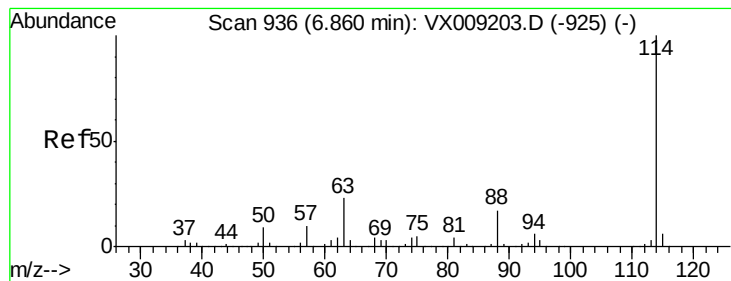
Tot Ion: 83 Resp: 2393
Ion Ratio Lower Upper
83 100
85 50.8 51.5 77.3#



#33
1,2-Dichloroethane-d4
Concen: 47.757 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009450.D
Acq: 10 May 2019 00:44

Tgt Ion: 65 Resp: 125494
Ion Ratio Lower Upper
65 100
67 53.2 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: VX009450.D

Acq: 10 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

SS052MW715-190506

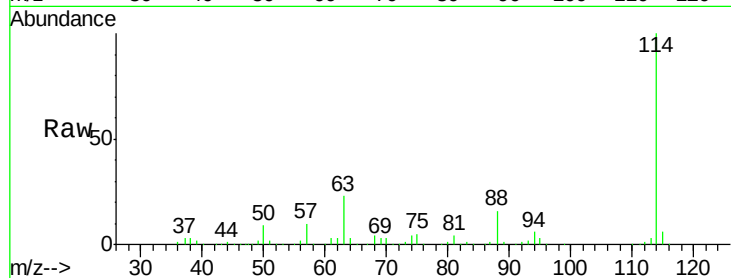
Tot Ion:114 Resp: 306671

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

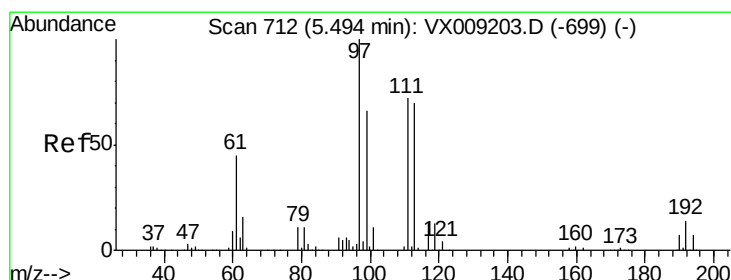
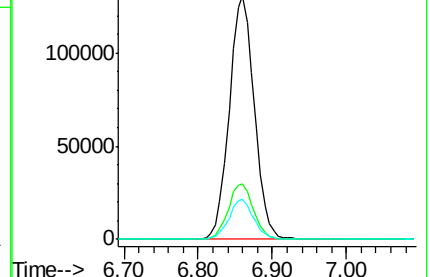
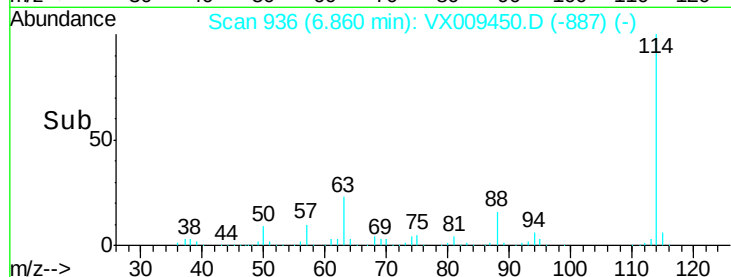
88 16.3 0.0 33.2



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: 48.295 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009450.D

Acq: 10 May 2019 00:44

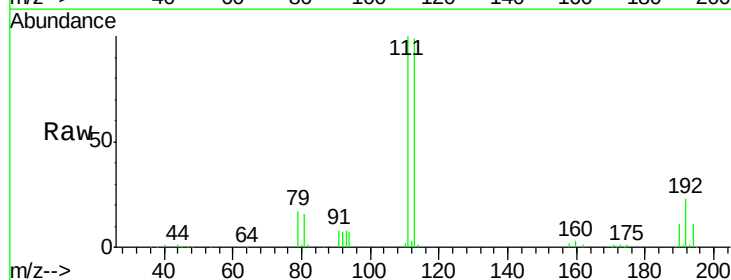
Tgt Ion:113 Resp: 93106

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

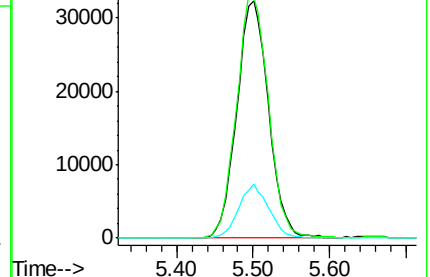
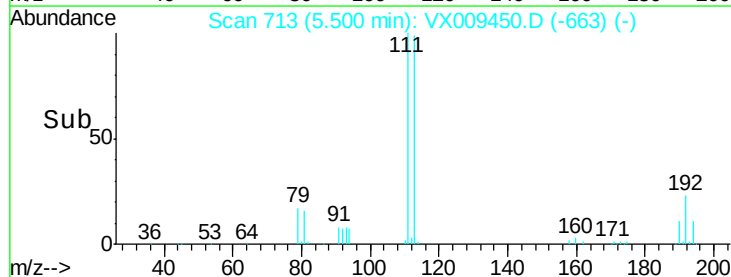
192 21.6 17.0 25.6

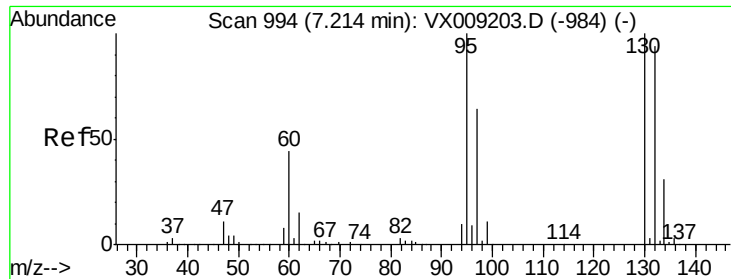


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.479 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009450.D

Acq: 10 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

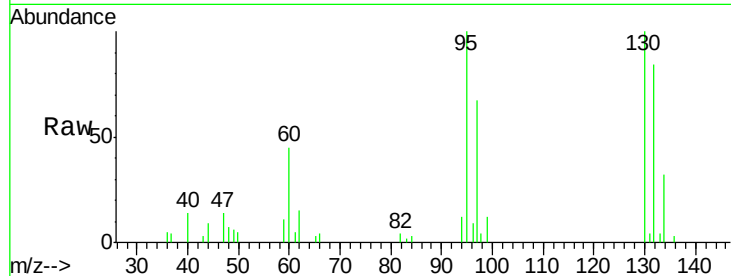
SS052MW715-190506

Tot Ion:130 Resp: 5285

Ion Ratio Lower Upper

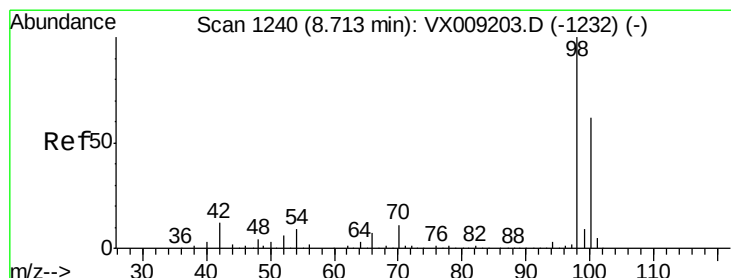
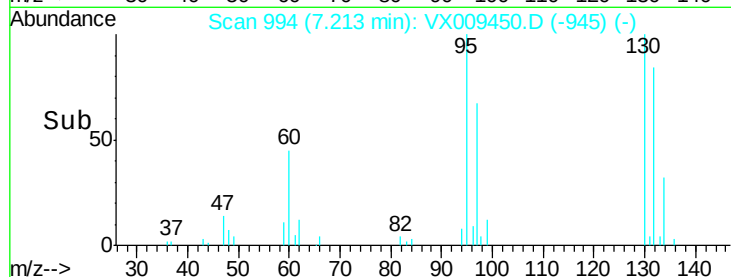
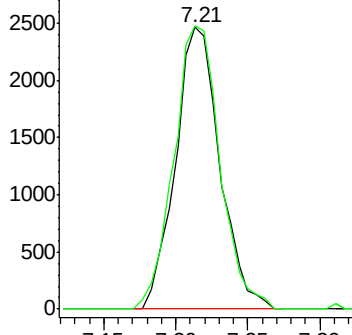
130 100

95 100.4 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: 49.253 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009450.D

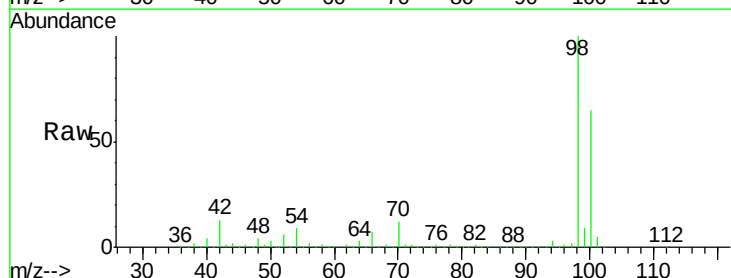
Acq: 10 May 2019 00:44

Tgt Ion: 98 Resp: 383344

Ion Ratio Lower Upper

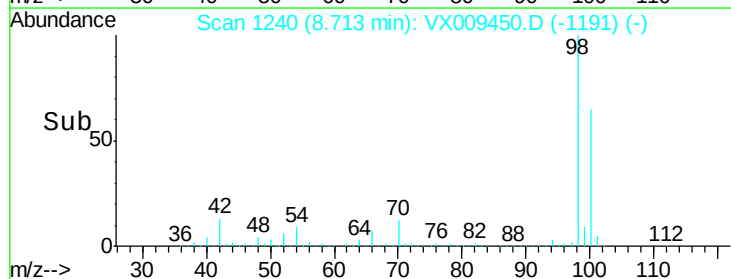
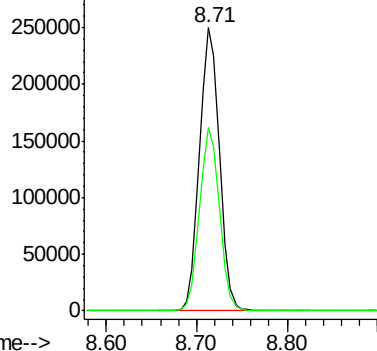
98 100

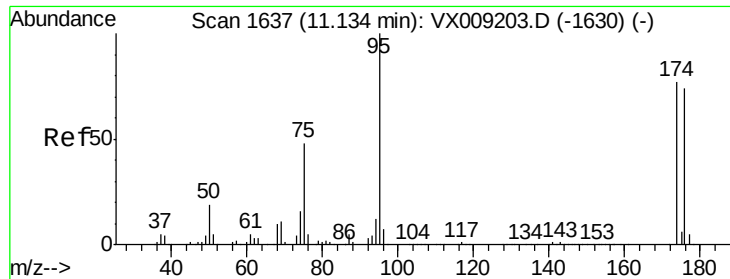
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.966 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009450.D

Acq: 10 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

SS052MW715-190506

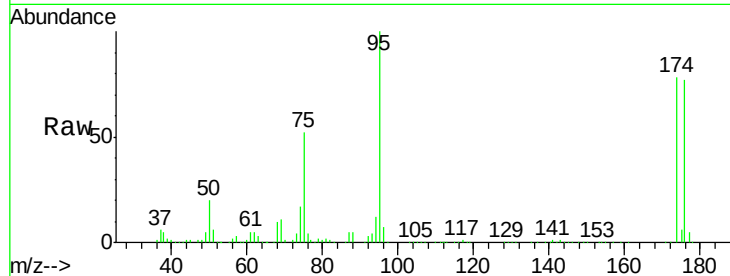
Tot Ion: 95 Resp: 124341

Ion Ratio Lower Upper

95 100

174 84.2 0.0 161.6

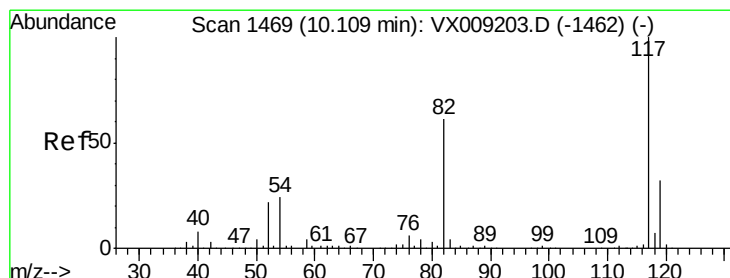
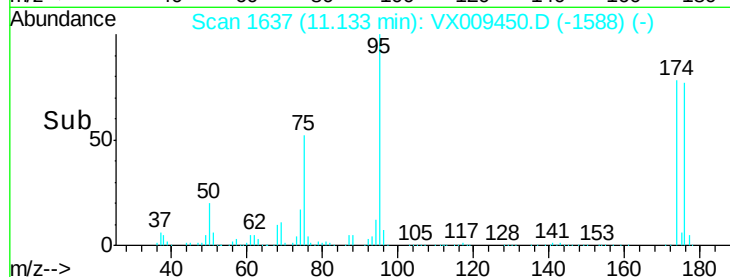
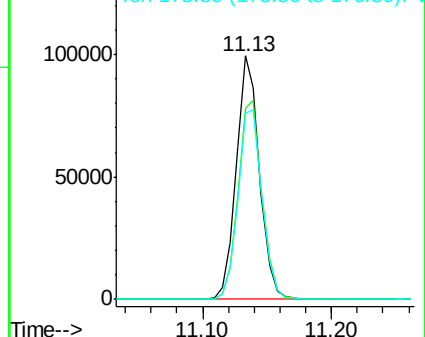
176 81.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009450.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009450.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009450.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009450.D

Acq: 10 May 2019 00:44

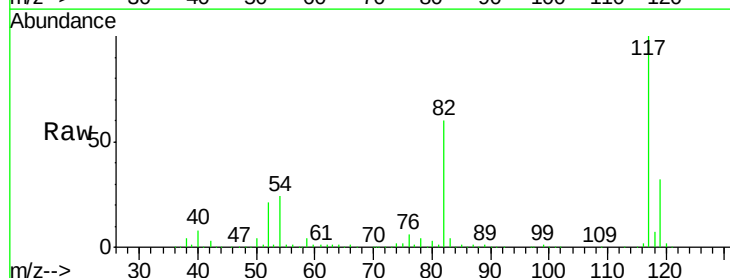
Tgt Ion: 117 Resp: 269685

Ion Ratio Lower Upper

117 100

82 60.0 48.8 73.2

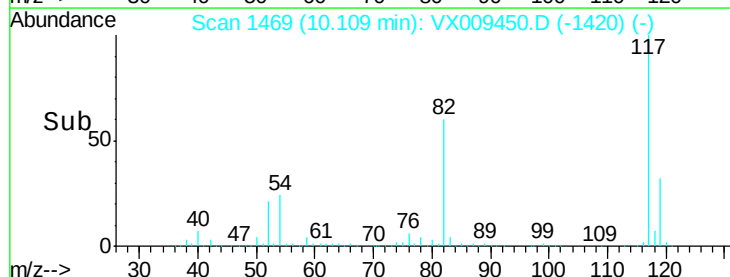
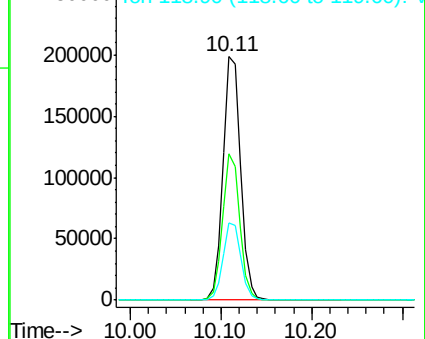
119 31.8 25.8 38.6

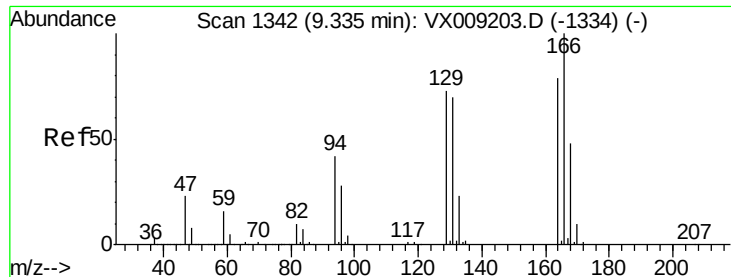


Abundance Ion 116.90 (116.60 to 117.60): VX009450.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009450.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009450.D (-1420) (-)

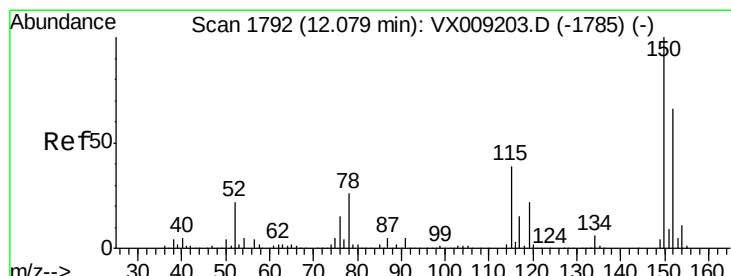
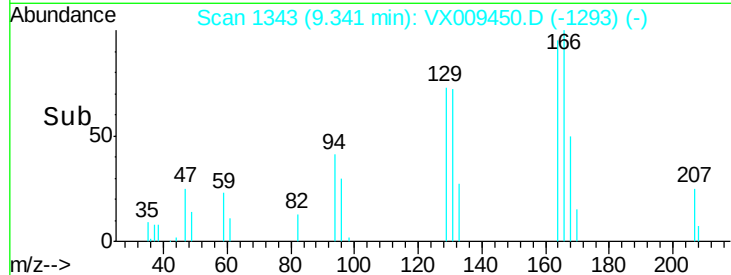
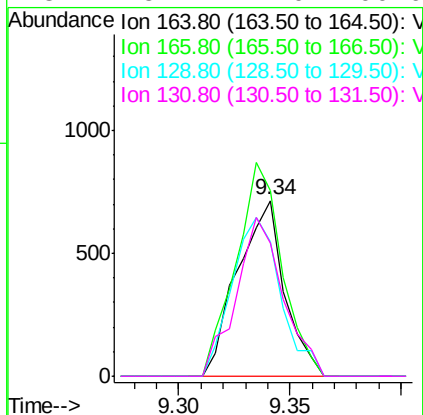
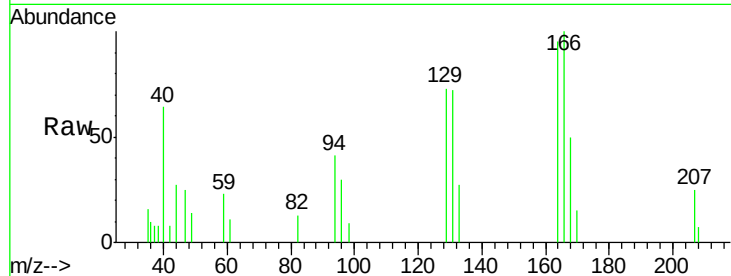




#64
 Tetrachloroethene
 Concen: 0.566 ug/l
 RT: 9.34 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: VX009450.D
 Acq: 10 May 2019 00:44

Instrument :
 MSVOA_X
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 SS052MW715-190506

Tot Ion:164	Resp:	1047	
Ion Ratio	Lower	Upper	
164	100		
166	105.3	101.2	151.8
129	76.4	74.3	111.5
131	75.7	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: VX009450.D
 Acq: 10 May 2019 00:44

Tgt	Ion:152	Resp:	114619
Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.2	123.6
150	156.2	0.0	346.4

