

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009459.D
 Acq On : 10 May 2019 04:13
 Operator : JC/SP
 Sample : K2782-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-190508

Quant Time: May 10 08:51:45 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

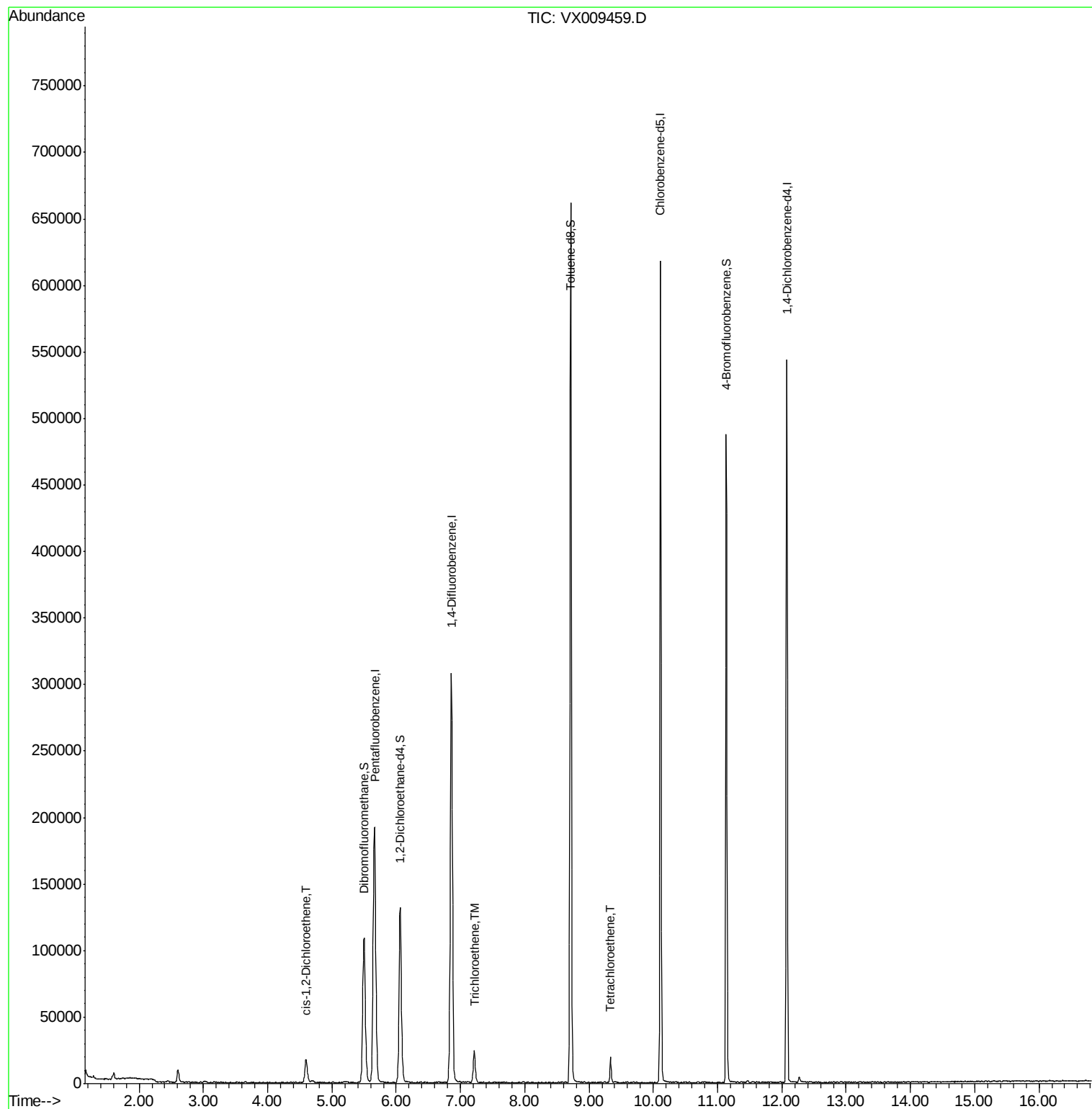
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125402	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	5.50	113	94235	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	380793	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	126289	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	10727	4.602	ug/l	89
44) Trichloroethene	7.21	130	8957	4.243	ug/l	98
64) Tetrachloroethene	9.34	164	3578	1.958	ug/l	90

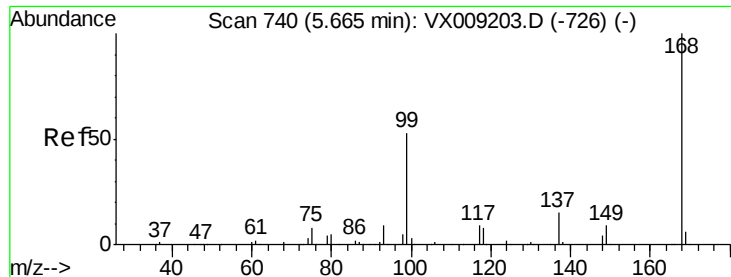
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009459.D

Acq: 10 May 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

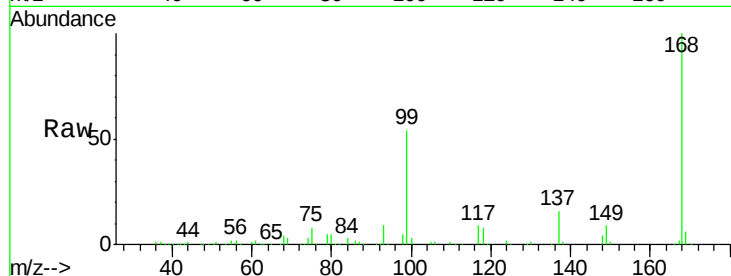
SS052MW765-190508

Tot Ion:168 Resp: 191910

Ion Ratio Lower Upper

168 100

99 54.3 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

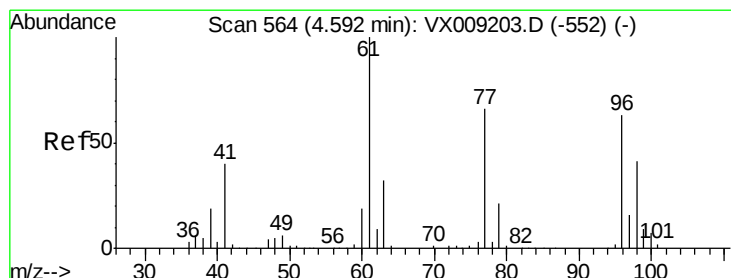
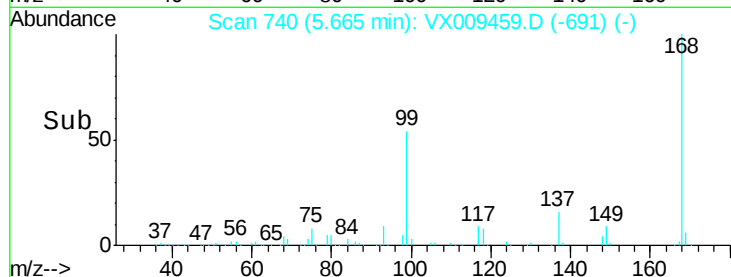
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 4.602 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009459.D

Acq: 10 May 2019 04:13

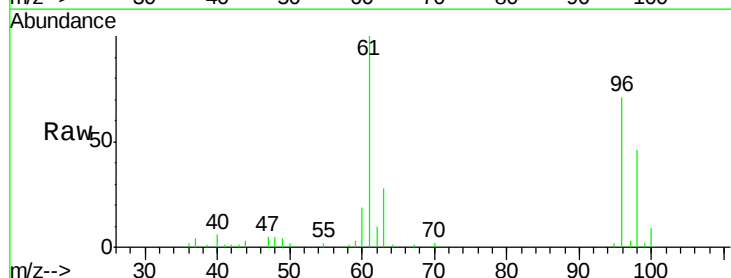
Tgt Ion: 96 Resp: 10727

Ion Ratio Lower Upper

96 100

61 142.3 0.0 324.0

98 64.9 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

4.60

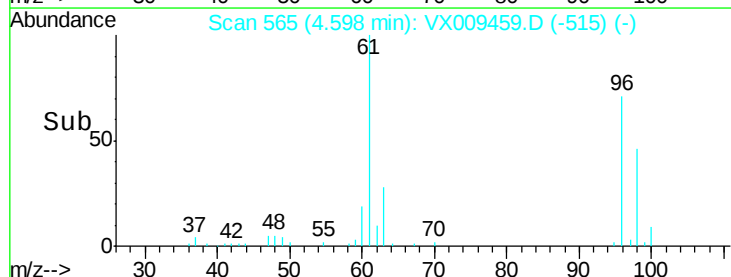
6000

4000

2000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 47.867 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009459.D

Acq: 10 May 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

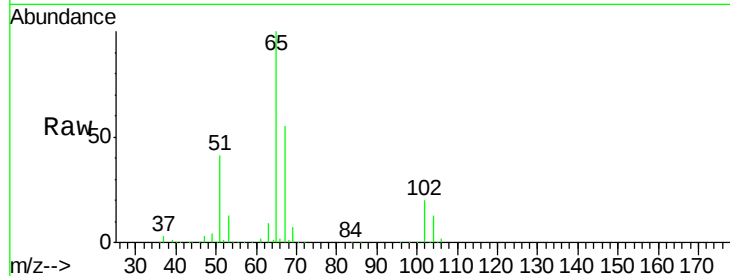
SS052MW765-190508

Tot Ion: 65 Resp: 125402

Ion Ratio Lower Upper

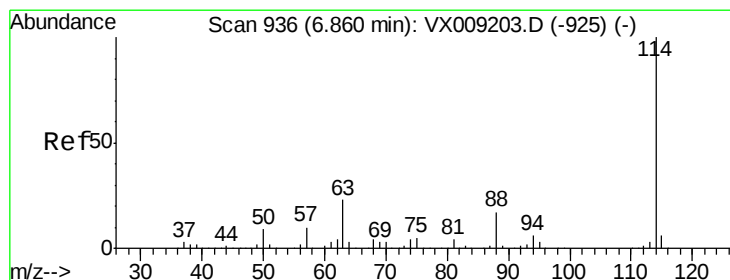
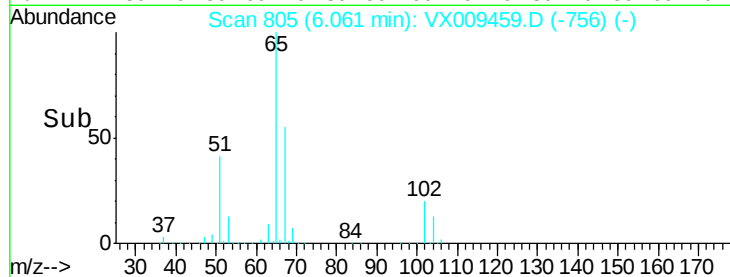
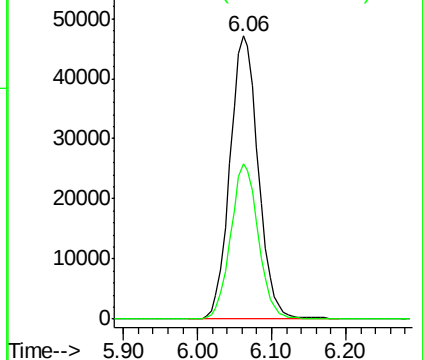
65 100

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: VX009459.D

Acq: 10 May 2019 04:13

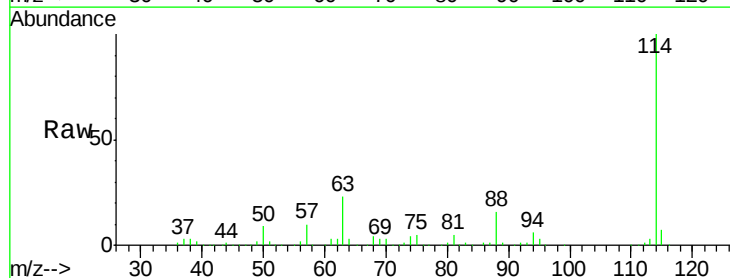
Tgt Ion: 114 Resp: 303642

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

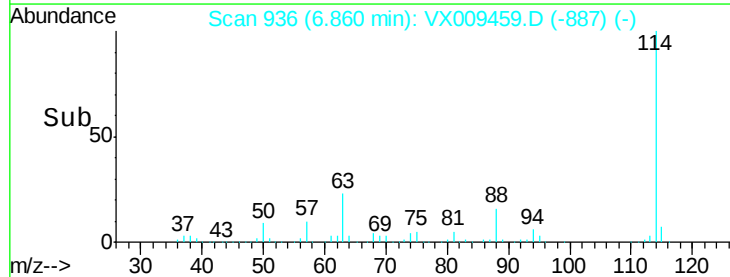
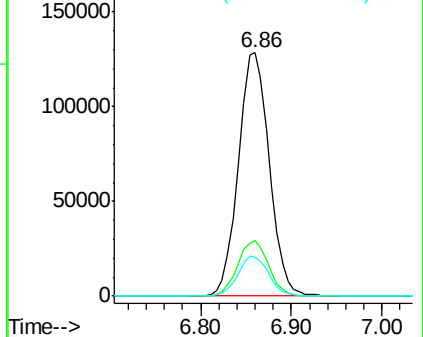
88 15.9 0.0 33.2

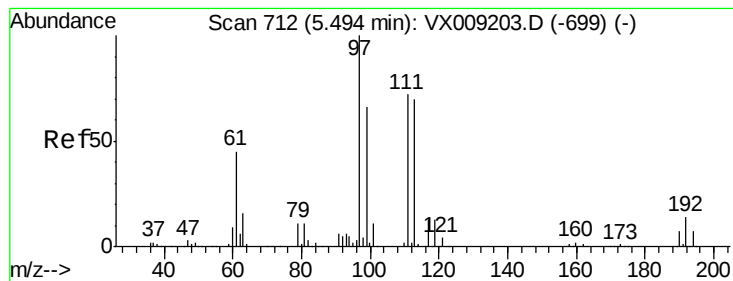


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.368 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009459.D

Acq: 10 May 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-190508

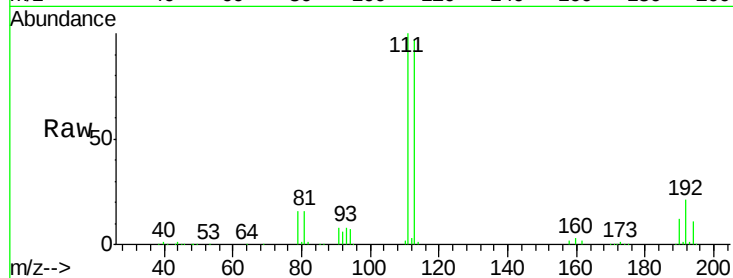
Tot Ion:113 Resp: 94235

Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

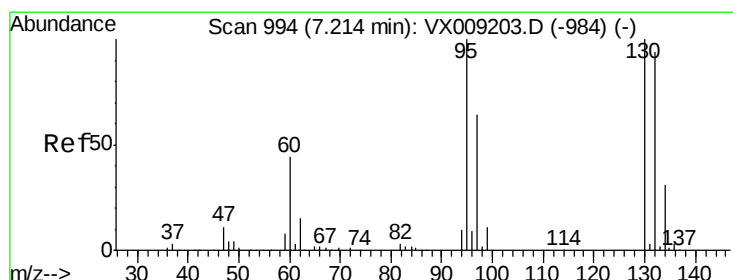
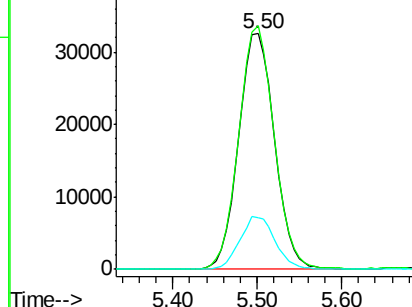
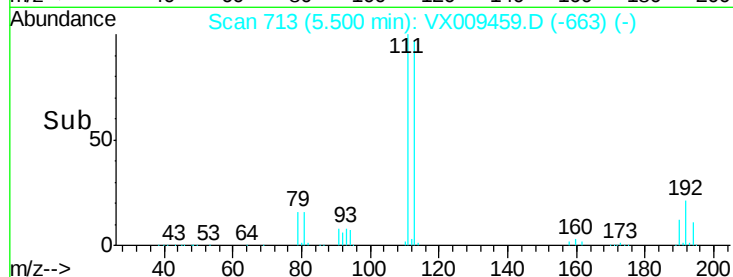
192 22.0 17.0 25.6



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: 4.243 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009459.D

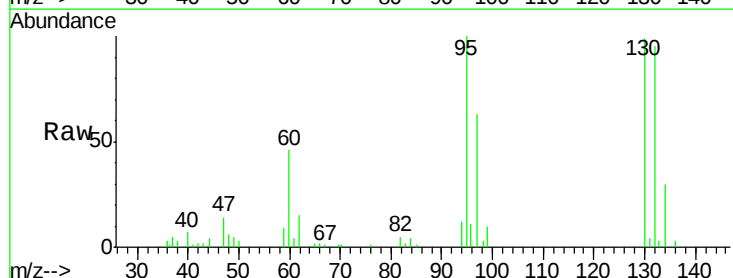
Acq: 10 May 2019 04:13

Tgt Ion:130 Resp: 8957

Ion Ratio Lower Upper

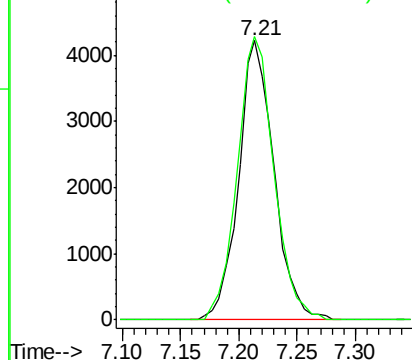
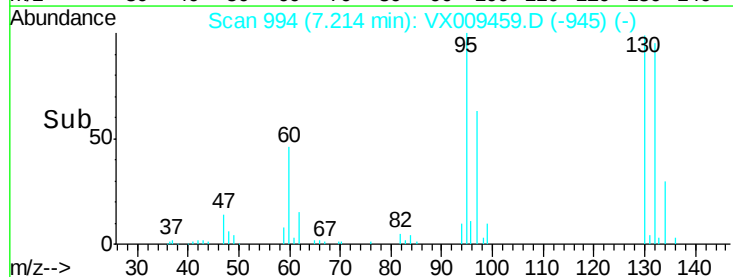
130 100

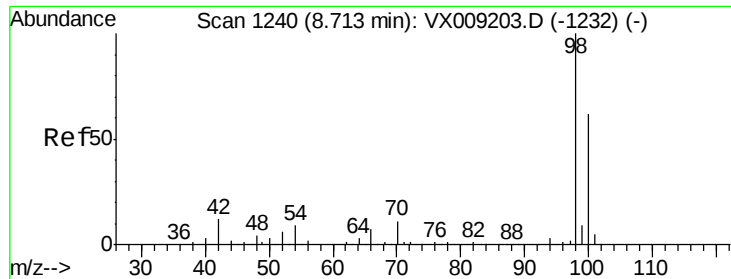
95 101.3 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.413 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009459.D

Acq: 10 May 2019 04:13

Instrument :

MSVOA_X

ClientSampleId :

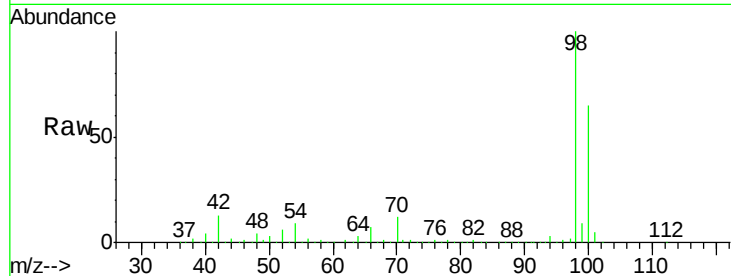
SS052MW765-190508

Tot Ion: 98 Resp: 380793

Ion Ratio Lower Upper

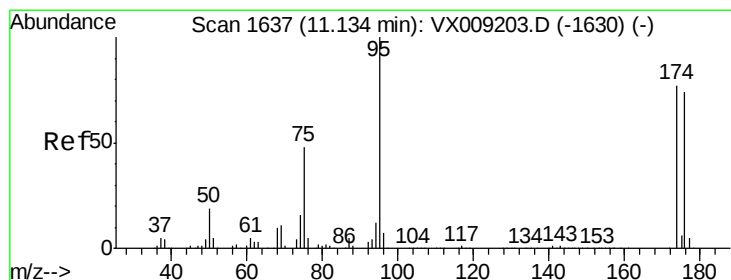
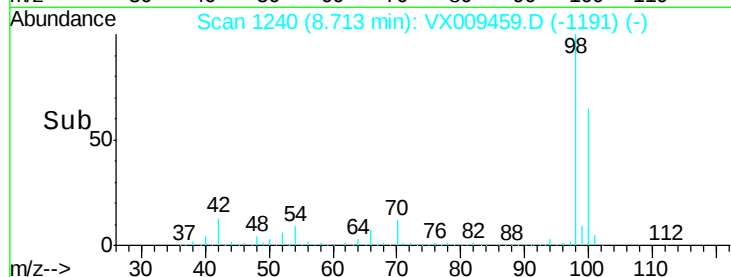
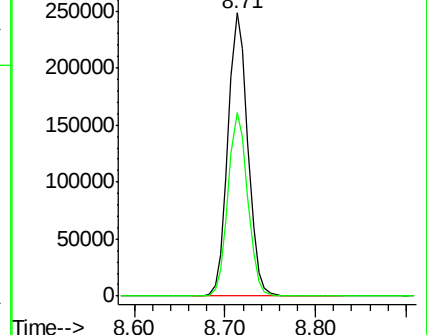
98 100

100 64.1 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: 45.100 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009459.D

Acq: 10 May 2019 04:13

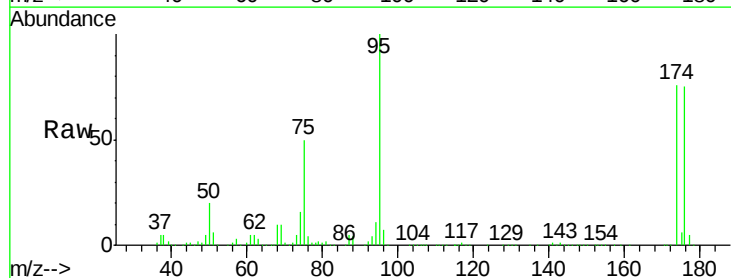
Tgt Ion: 95 Resp: 126289

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

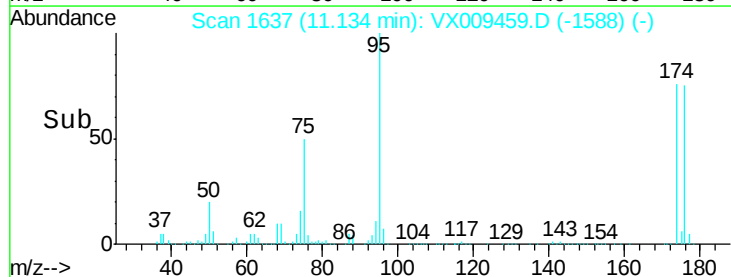
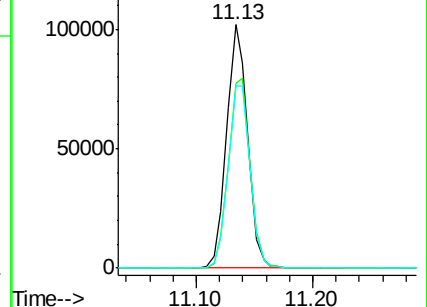
176 79.0 0.0 159.2

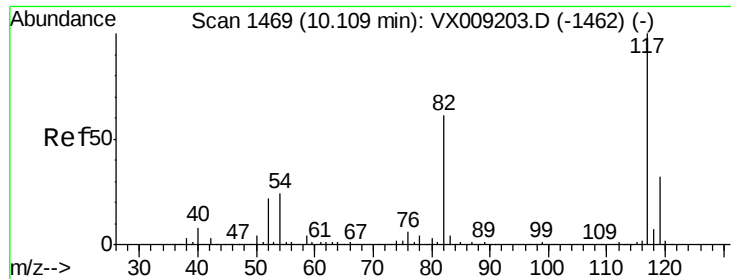


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

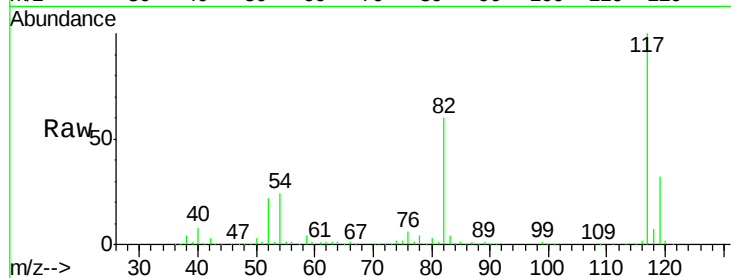




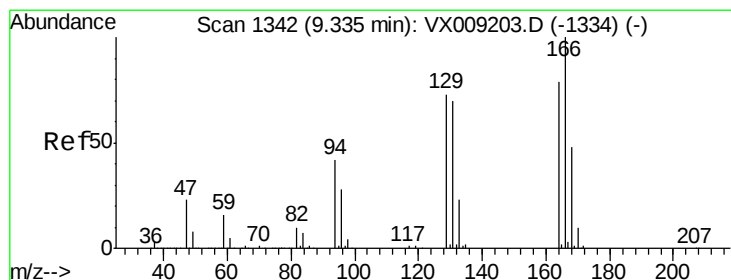
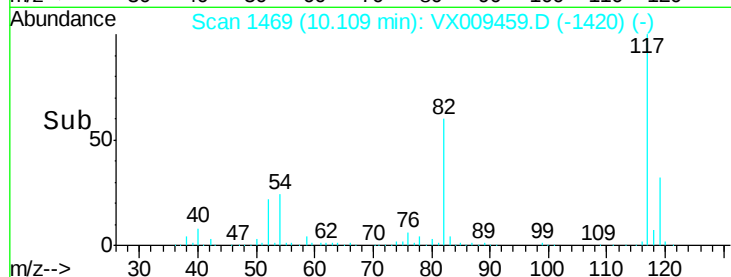
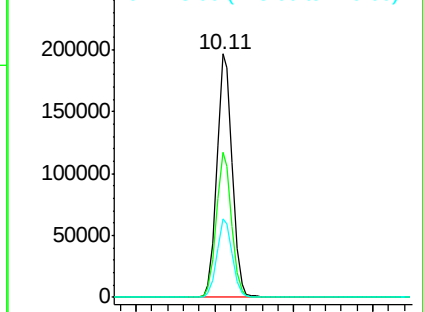
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009459.D
Acq: 10 May 2019 04:13

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-190508

Tot Ion:117 Resp: 266370
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 32.4 25.8 38.6



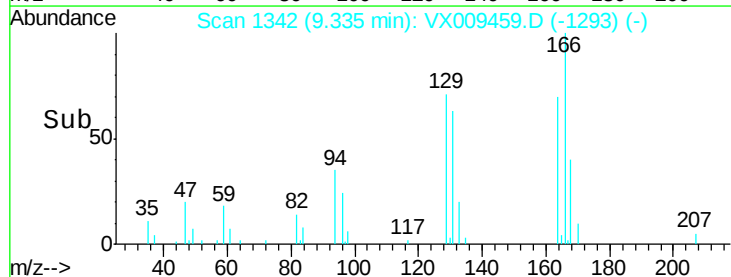
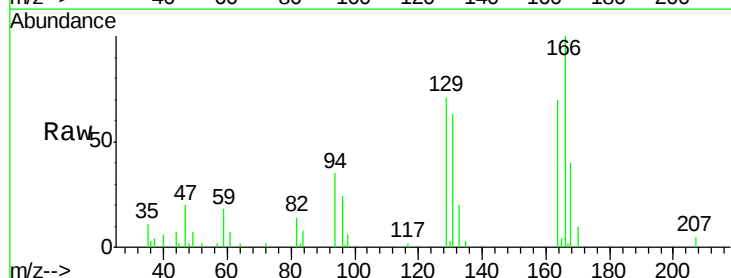
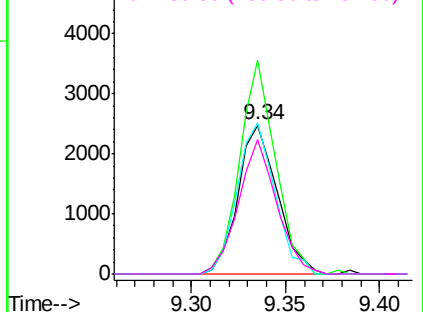
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

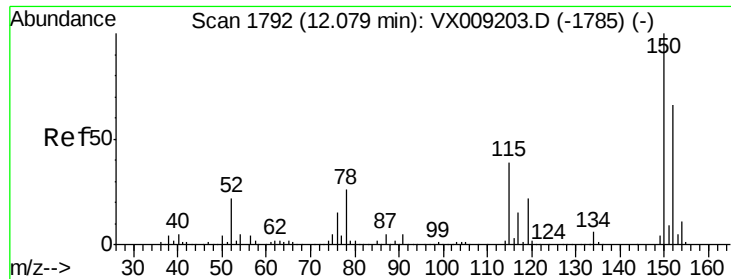


#64
Tetrachloroethene
Concen: 1.958 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009459.D
Acq: 10 May 2019 04:13

Tgt Ion:164 Resp: 3578
Ion Ratio Lower Upper
164 100
166 143.9 101.2 151.8
129 101.8 74.3 111.5
131 90.7 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

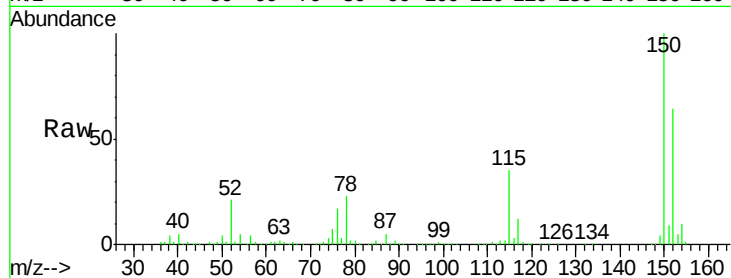




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009459.D
 Acq: 10 May 2019 04:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-190508

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.2	123.6
150	156.4	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

