

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041919\
 Data File : VX009081.D
 Acq On : 19 Apr 2019 19:25
 Operator : JC/SP
 Sample : K2495-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW001-190417

Quant Time: Apr 20 02:24:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

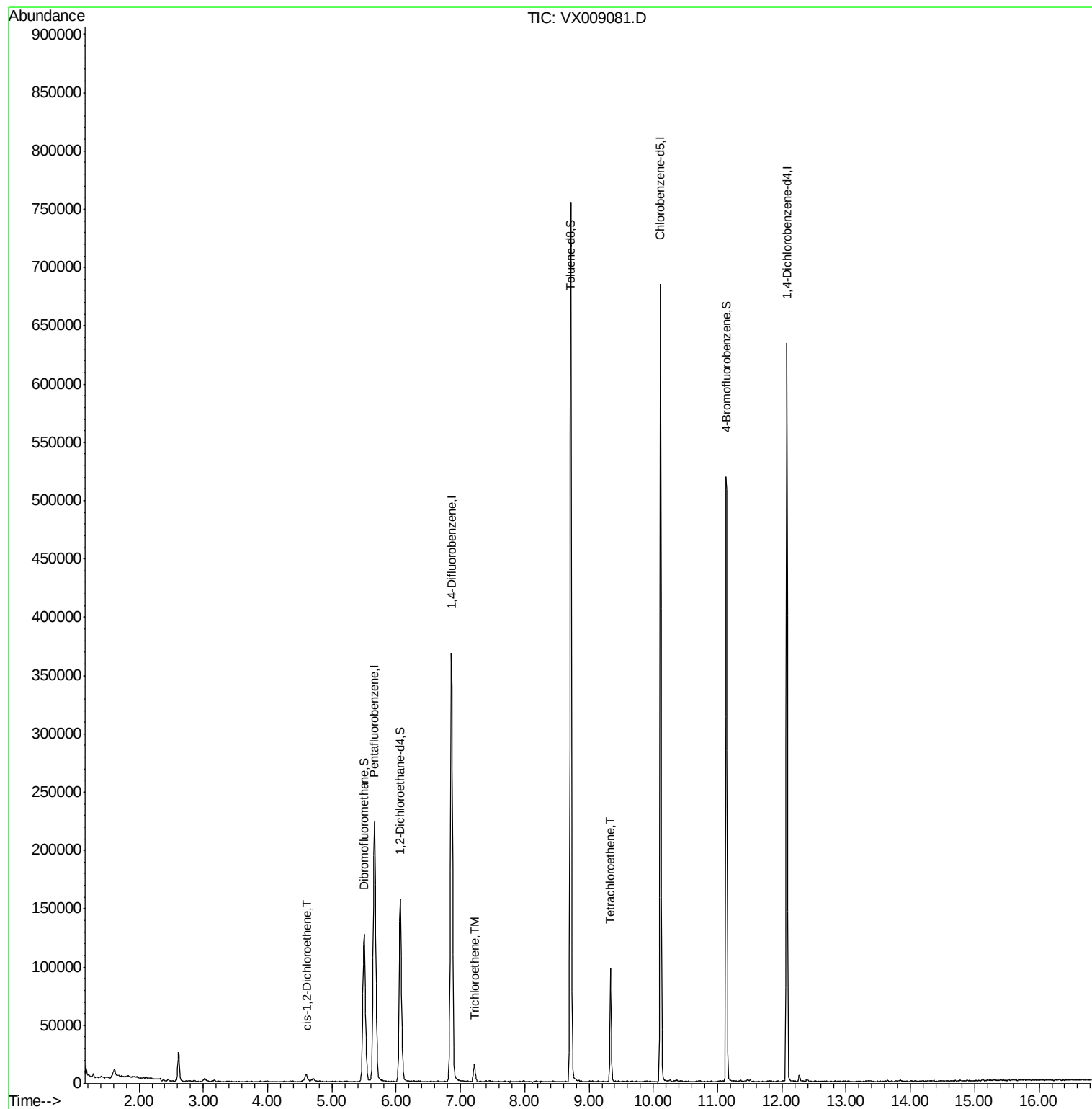
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148597	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.50	113	108748	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	8.71	98	440283	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.13	95	142470	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	3329	1.180	ug/l	92
44) Trichloroethene	7.22	130	5309	1.993	ug/l	85
64) Tetrachloroethene	9.34	164	17860	7.706	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009081.D

Acq: 19 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

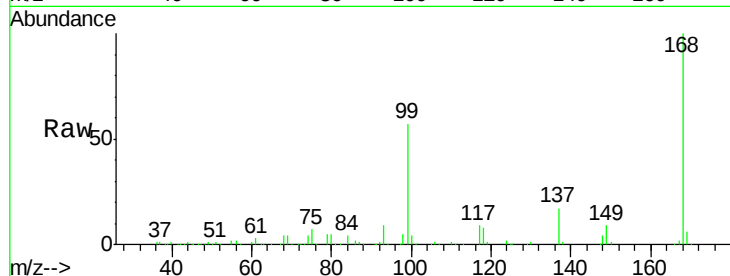
SS040MW001-190417

Tot Ion:168 Resp: 217306

Ion Ratio Lower Upper

168 100

99 56.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

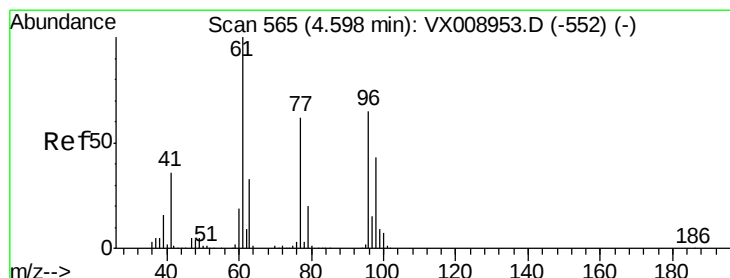
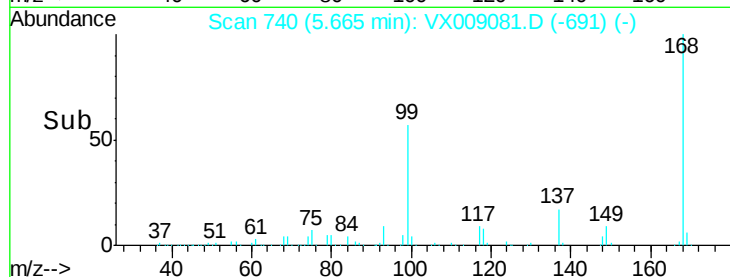
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.180 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009081.D

Acq: 19 Apr 2019 19:25

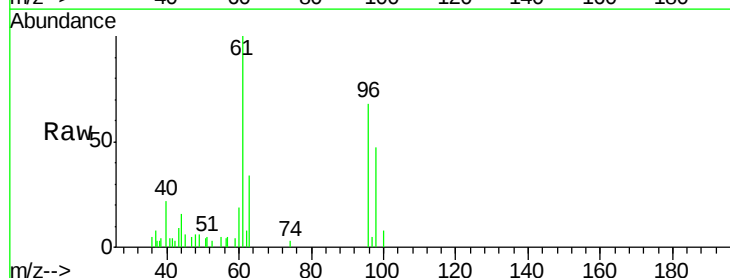
Tgt Ion: 96 Resp: 3329

Ion Ratio Lower Upper

96 100

61 148.3 0.0 322.0

98 68.0 0.0 128.4



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

2000

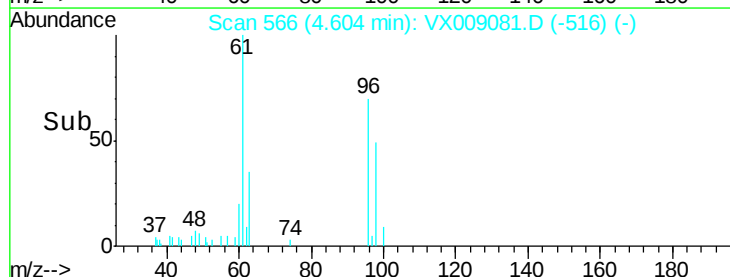
1500

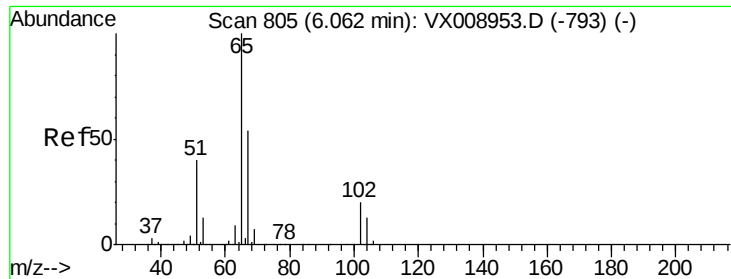
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.522 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009081.D

Acq: 19 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

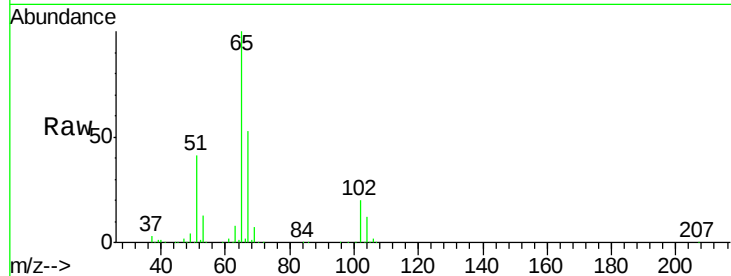
SS040MW001-190417

Tot Ion: 65 Resp: 148597

Ion Ratio Lower Upper

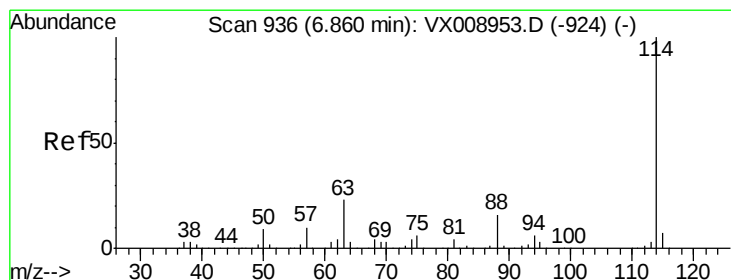
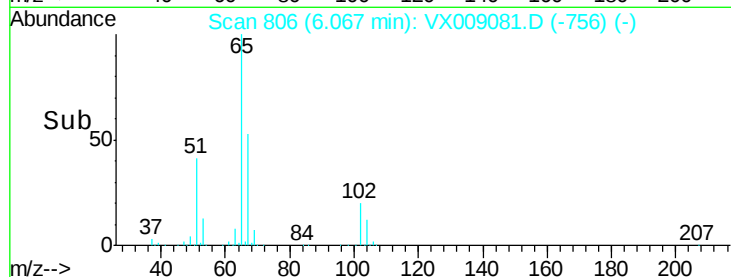
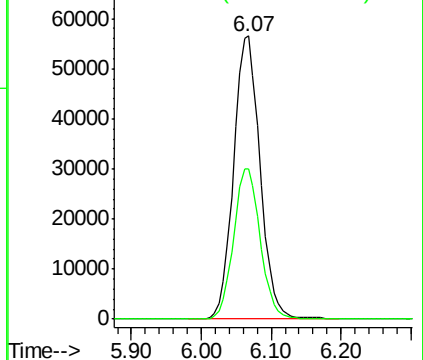
65 100

67 53.5 0.0 108.6



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: VX009081.D

Acq: 19 Apr 2019 19:25

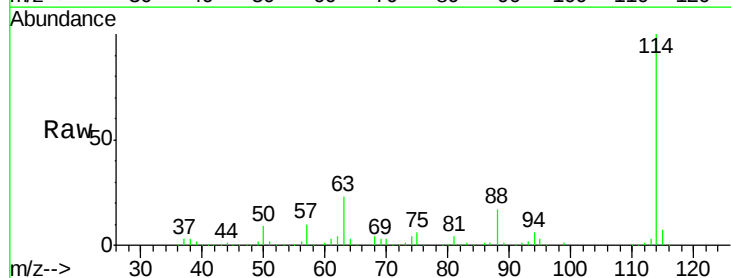
Tgt Ion: 114 Resp: 356324

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.0

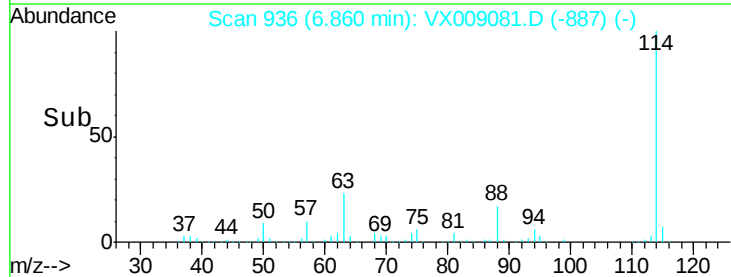
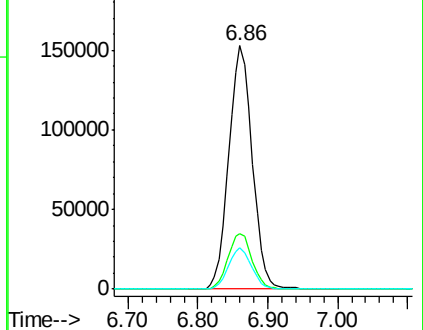
88 17.2 0.0 32.6

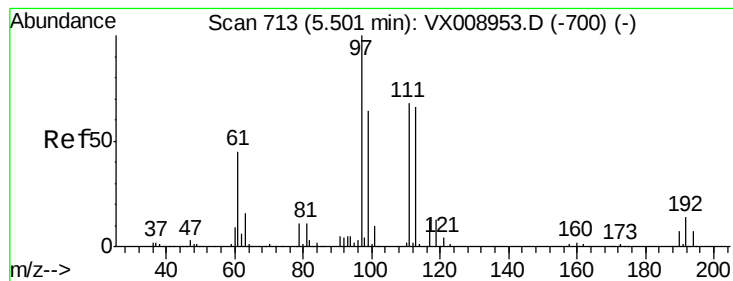


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.555 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009081.D

Acq: 19 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS040MW001-190417

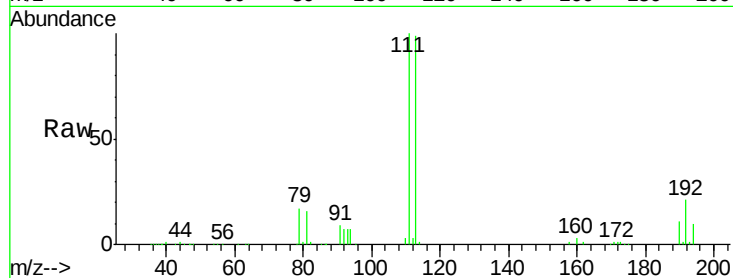
Tot Ion:113 Resp: 108748

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

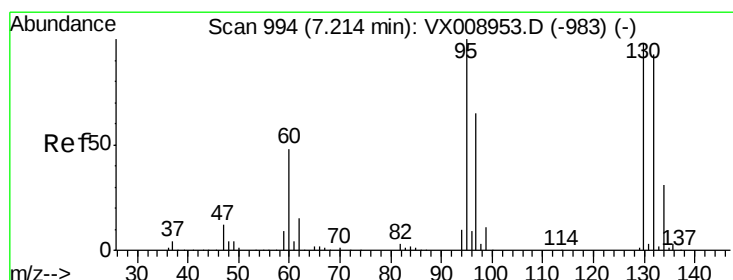
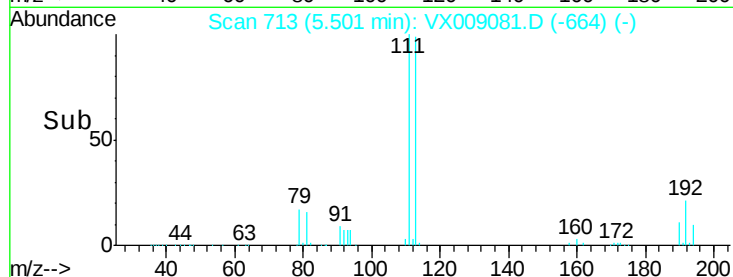
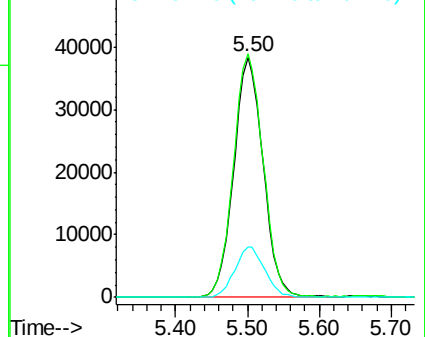
192 21.3 17.4 26.0



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: 1.993 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009081.D

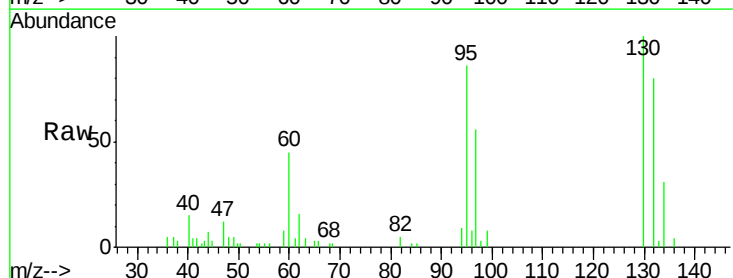
Acq: 19 Apr 2019 19:25

Tgt Ion:130 Resp: 5309

Ion Ratio Lower Upper

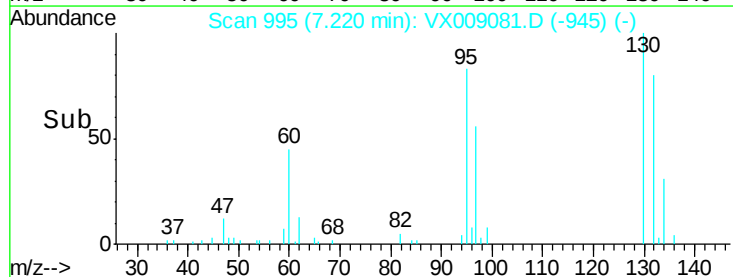
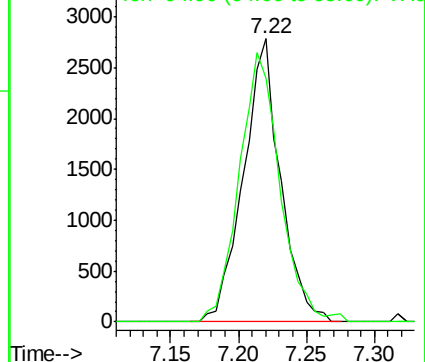
130 100

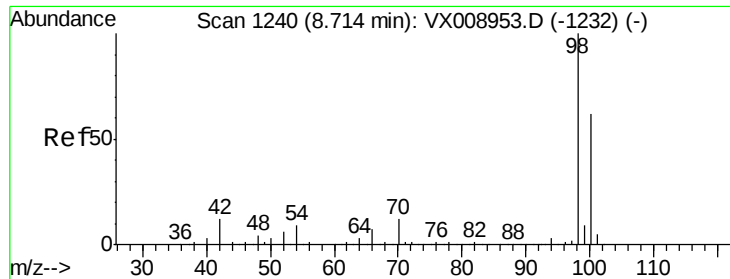
95 86.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.277 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009081.D

Acq: 19 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

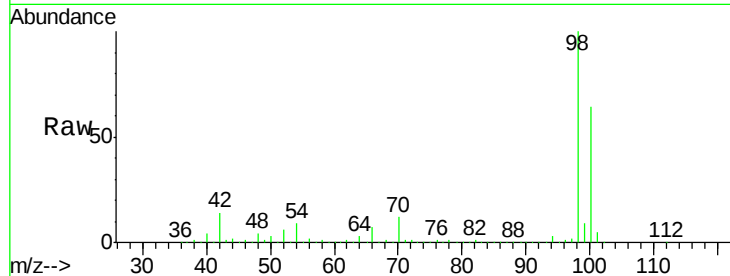
SS040MW001-190417

Tot Ion: 98 Resp: 440283

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

300000

250000

200000

150000

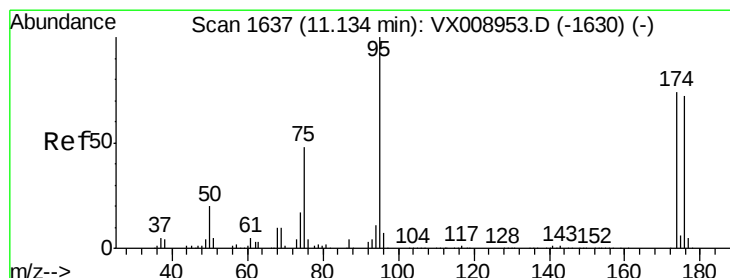
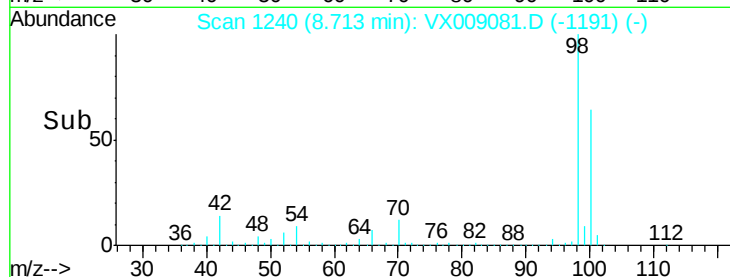
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.254 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009081.D

Acq: 19 Apr 2019 19:25

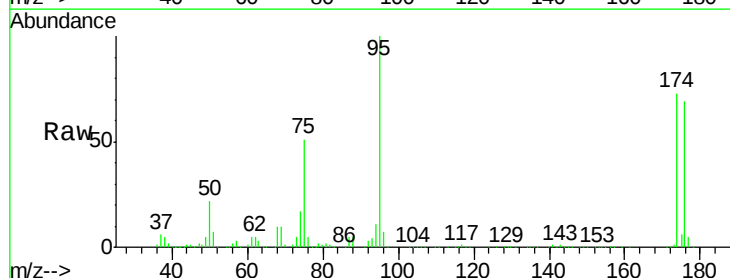
Tgt Ion: 95 Resp: 142470

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.6

176 76.6 0.0 154.8



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

150000

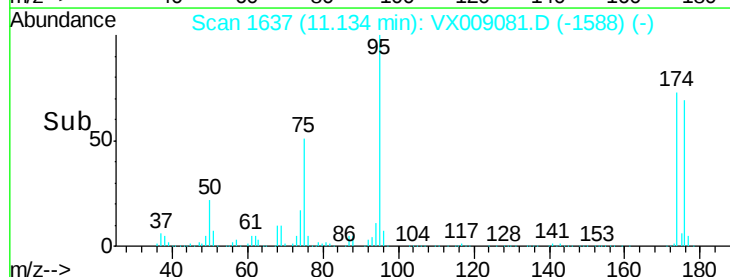
100000

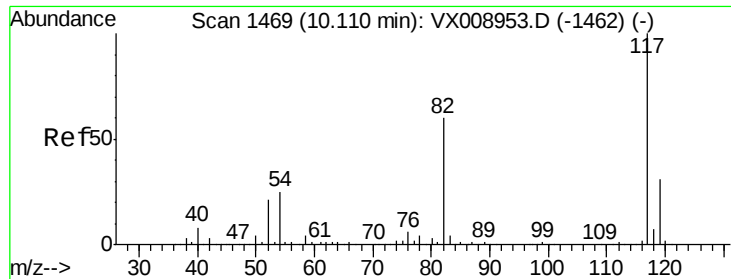
50000

0

11.10 11.20

Time-->

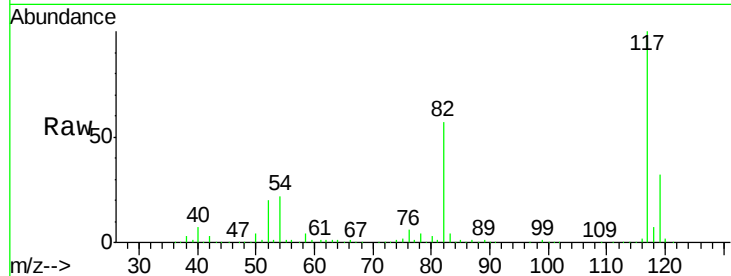




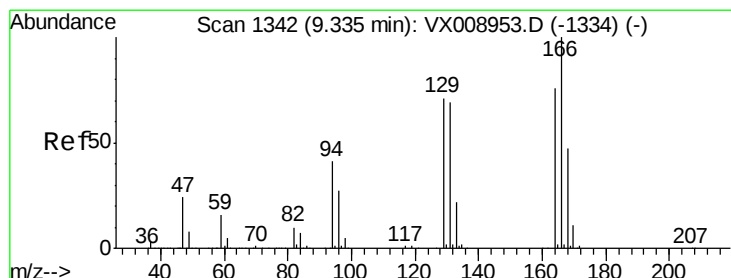
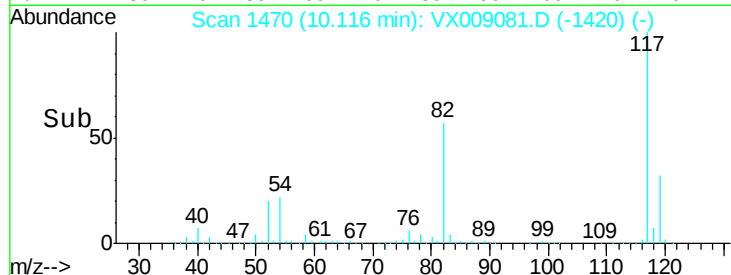
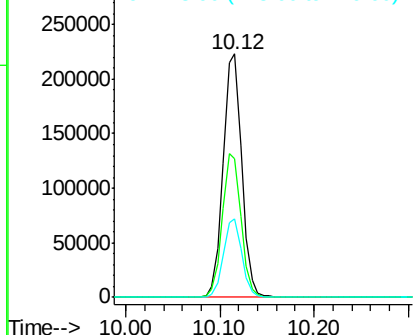
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009081.D
Acq: 19 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
SS040MW001-190417

Tot Ion:117 Resp: 305087
Ion Ratio Lower Upper
117 100
82 57.1 48.2 72.4
119 32.1 25.0 37.6



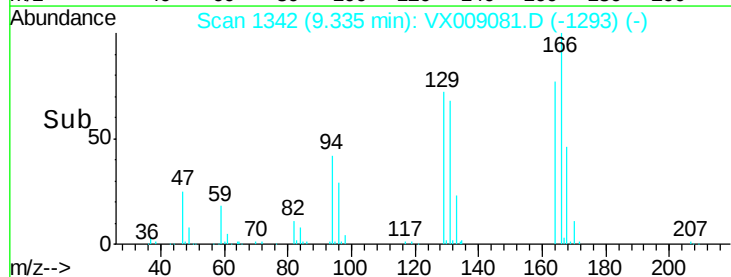
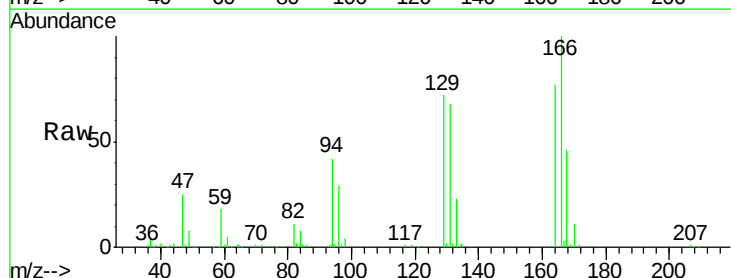
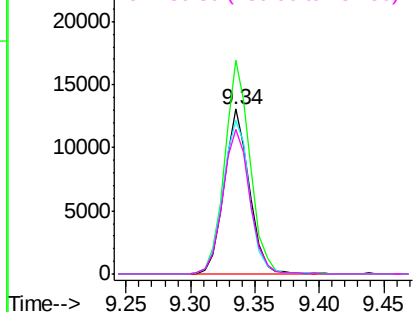
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

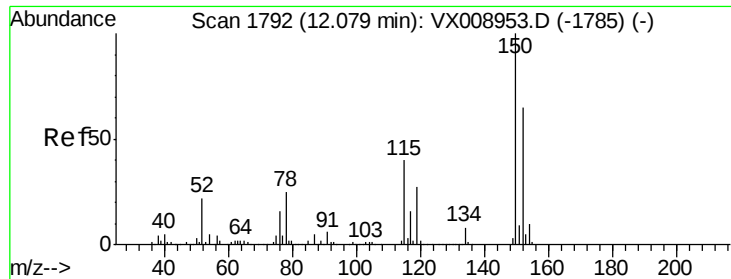


#64
Tetrachloroethene
Concen: 7.706 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009081.D
Acq: 19 Apr 2019 19:25

Tgt Ion:164 Resp: 17860
Ion Ratio Lower Upper
164 100
166 129.7 105.0 157.4
129 93.3 74.2 111.4
131 88.1 72.2 108.2

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: VX009081.D

Acq: 19 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS040MW001-190417

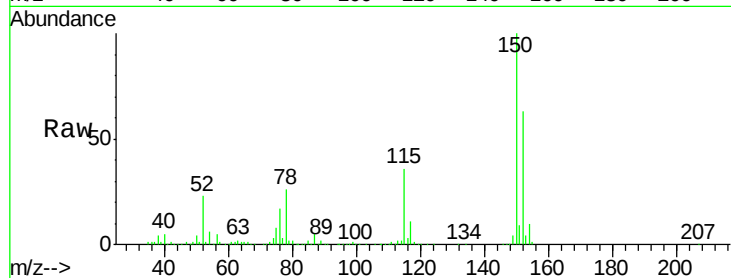
Tot Ion:152 Resp: 126411

Ion Ratio Lower Upper

152 100

115 59.3 41.4 124.2

150 155.6 0.0 349.8



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

