

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008946.D
 Acq On : 13 Apr 2019 20:49
 Operator : JC/SP
 Sample : K2385-12 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW320-190410

Quant Time: Apr 15 05:02:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

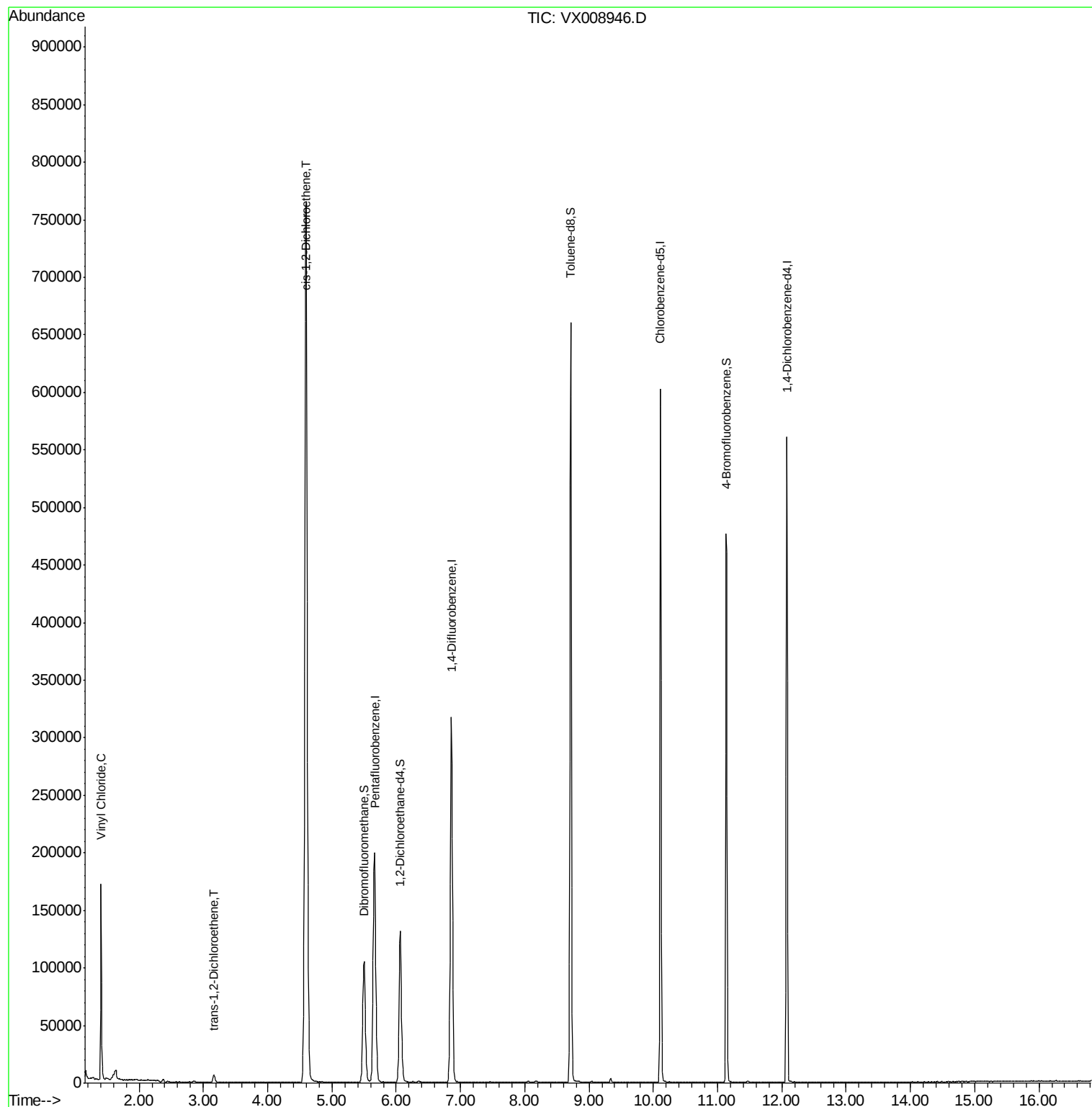
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124580	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
35) Dibromofluoromethane	5.50	113	91769	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
50) Toluene-d8	8.71	98	386106	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	127350	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
Target Compounds						
4) Vinyl Chloride	1.40	62	121197	39.949	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	2567	1.053	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	479432	171.038	ug/l	89

(#) = 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. 0.01 min

Lab File: VX008946.D

Acq: 13 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

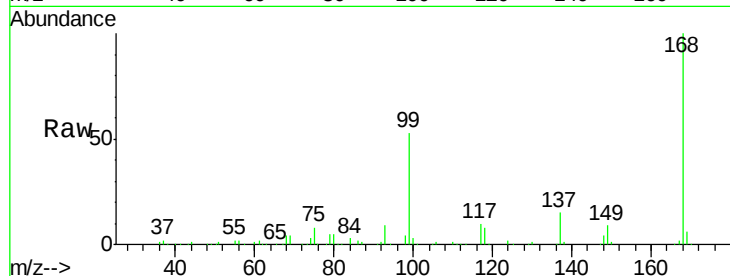
SS040MW320-190410

Tot Ion:168 Resp: 194966

Ion Ratio Lower Upper

168 100

99 53.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

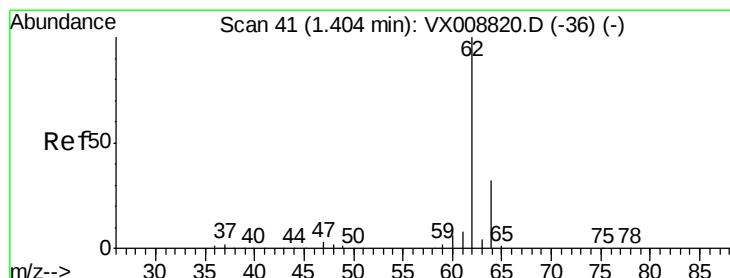
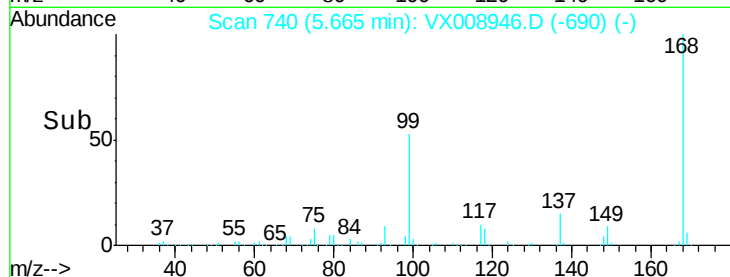
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 39.949 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008946.D

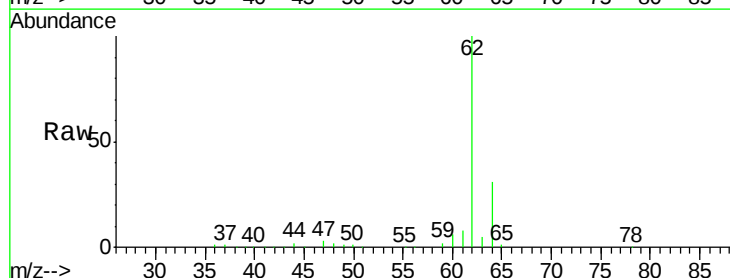
Acq: 13 Apr 2019 20:49

Tgt Ion: 62 Resp: 121197

Ion Ratio Lower Upper

62 100

64 31.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

120000

100000

80000

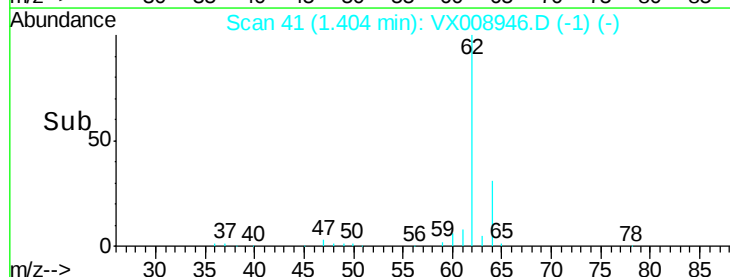
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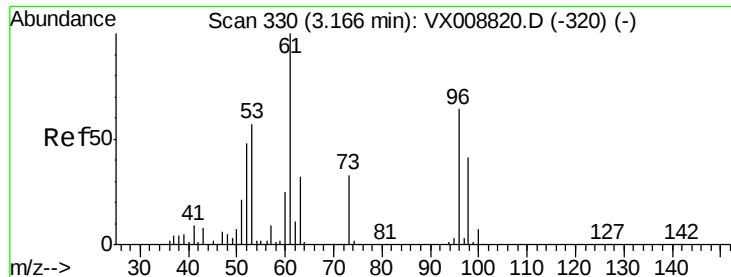
40000

20000

0

Time--> 1.40 1.50

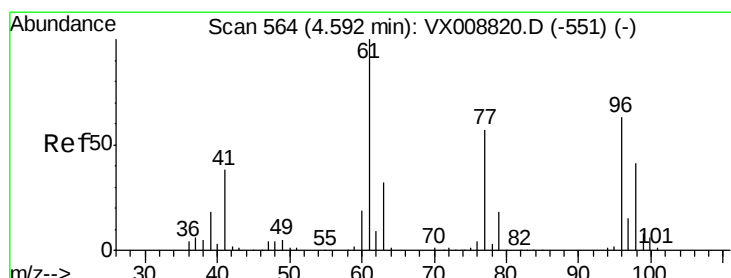
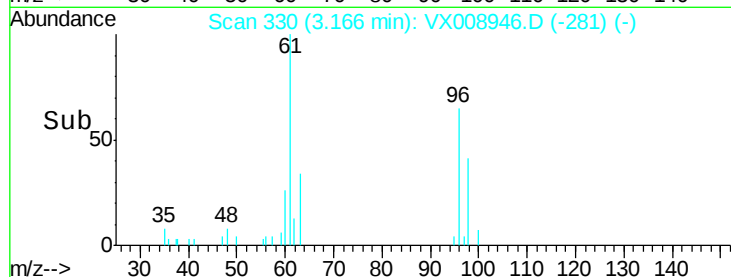
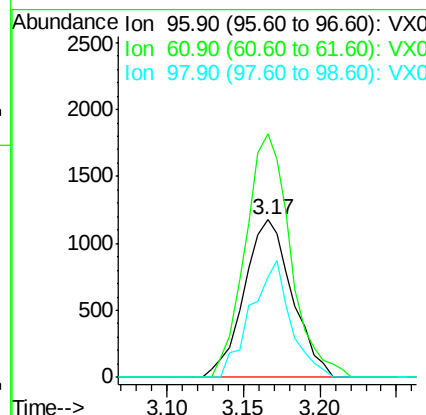
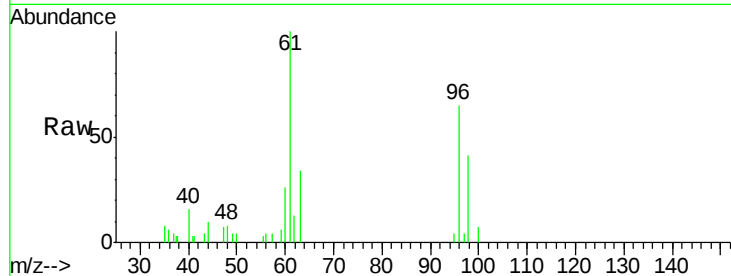




#21
trans-1,2-Dichloroethene
Concen: 1.053 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008946.D
Acq: 13 Apr 2019 20:49

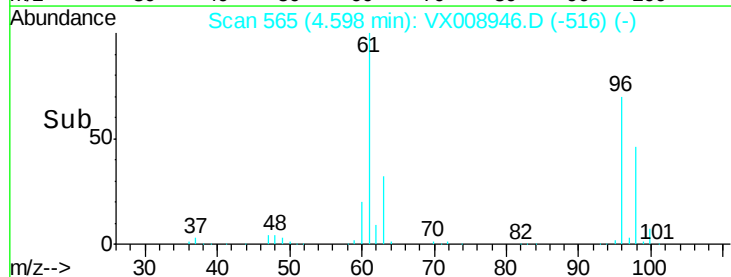
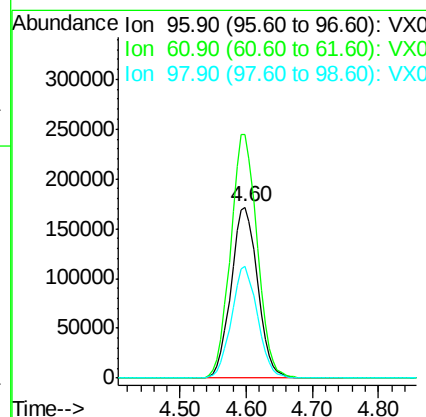
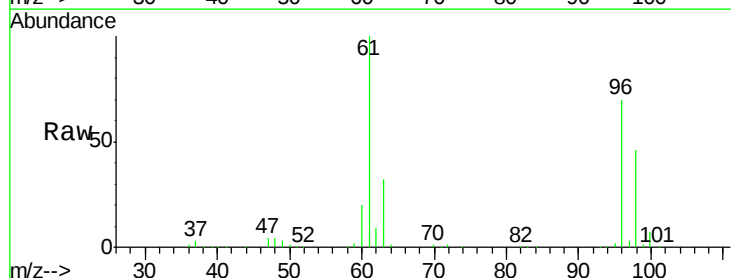
Instrument :
MSVOA_X
ClientSampleId :
SS040MW320-190410

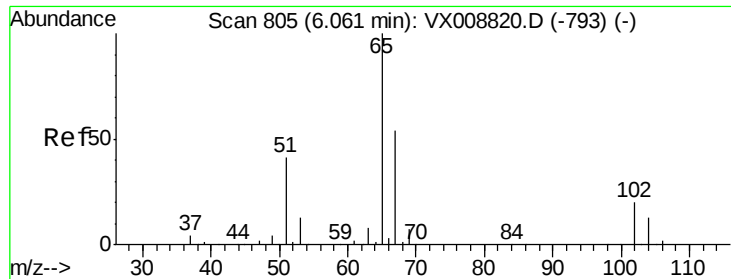
Tot Ion: 96 Resp: 2567
Ion Ratio Lower Upper
96 100
61 154.7 132.1 198.1
98 63.8 52.2 78.2



#27
cis-1,2-Dichloroethene
Concen: 171.038 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008946.D
Acq: 13 Apr 2019 20:49

Tgt Ion: 96 Resp: 479432
Ion Ratio Lower Upper
96 100
61 142.7 0.0 327.6
98 64.3 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 43.809 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008946.D

Acq: 13 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

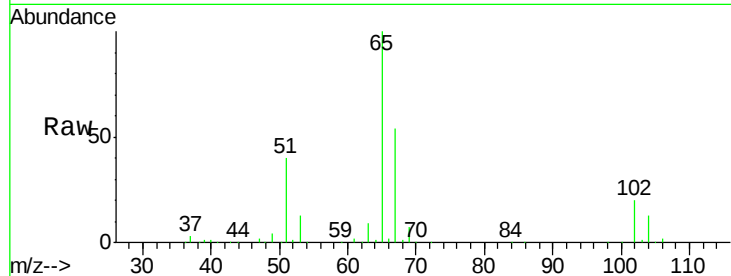
SS040MW320-190410

Tot Ion: 65 Resp: 124580

Ion Ratio Lower Upper

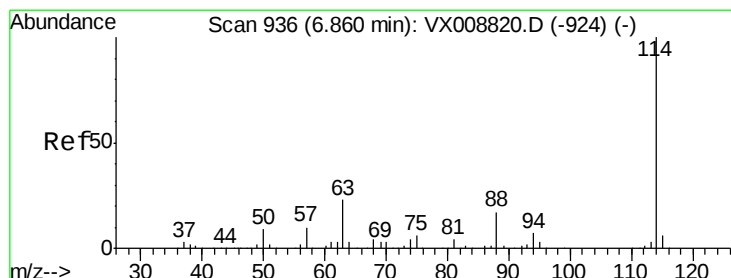
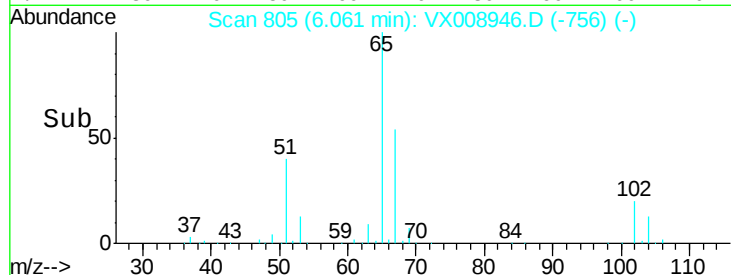
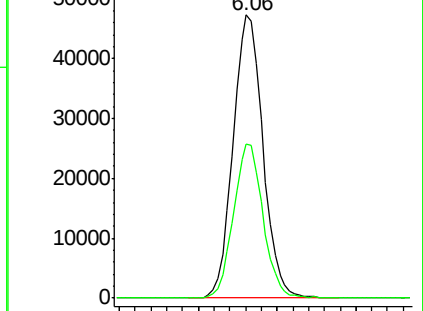
65 100

67 53.7 0.0 107.2



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: VX008946.D

Acq: 13 Apr 2019 20:49

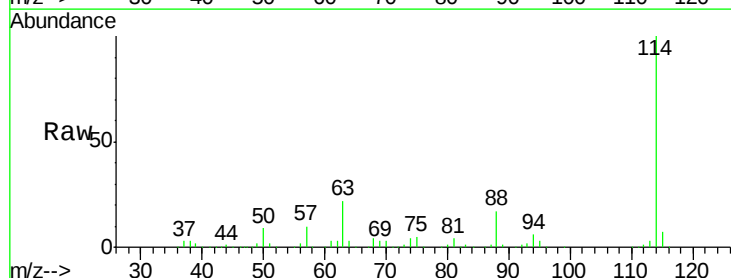
Tgt Ion: 114 Resp: 309183

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.2

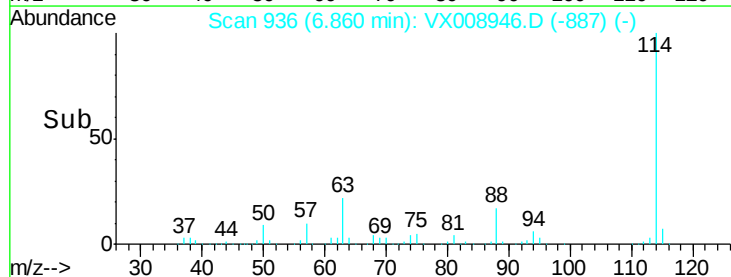
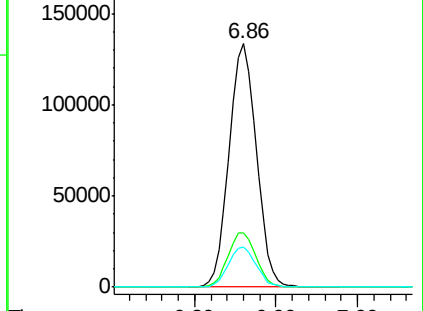
88 16.6 0.0 34.0

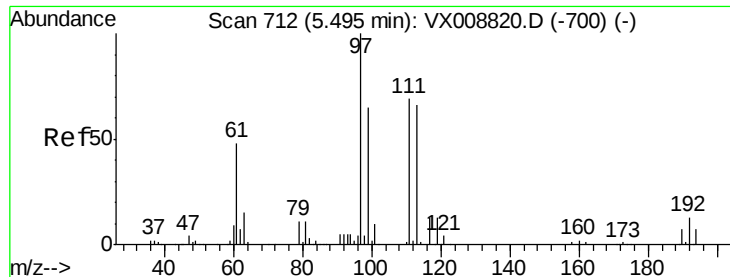


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

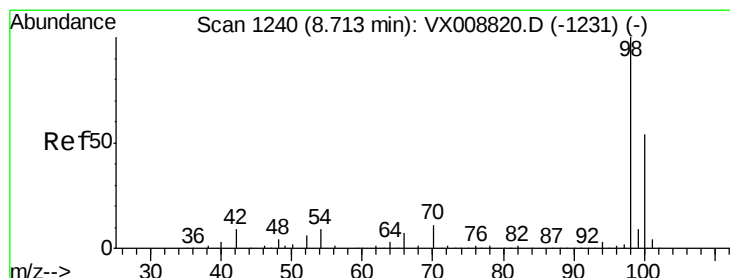
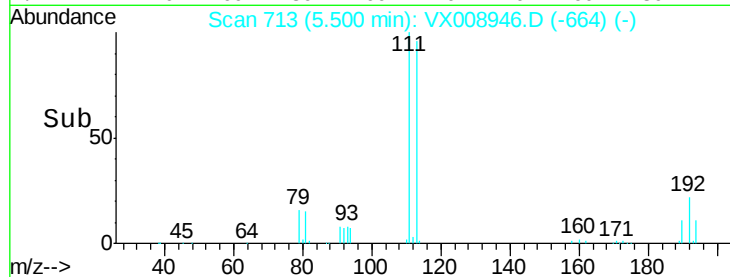
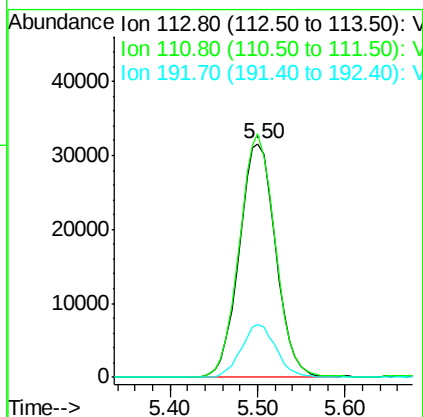
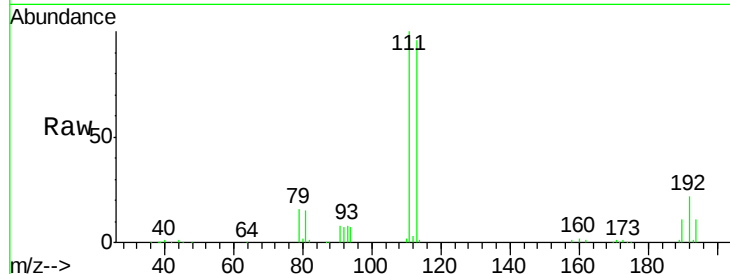




#35
 Dibromofluoromethane
 Concen: 46.423 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008946.D
 Acq: 13 Apr 2019 20:49

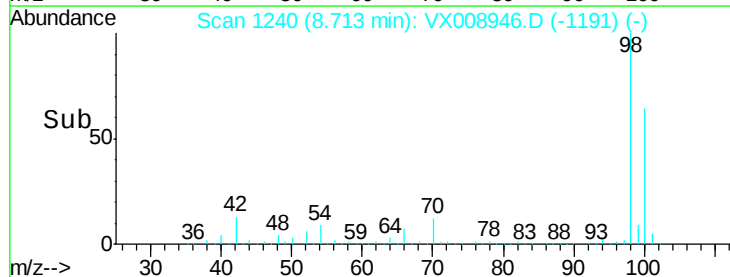
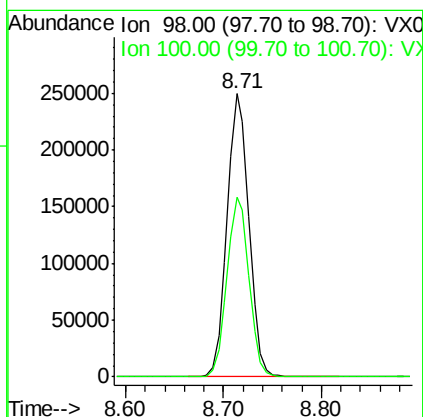
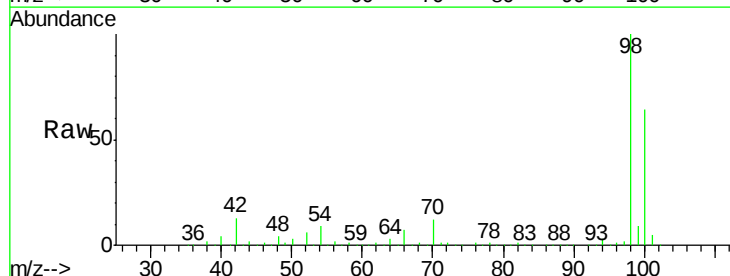
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW320-190410

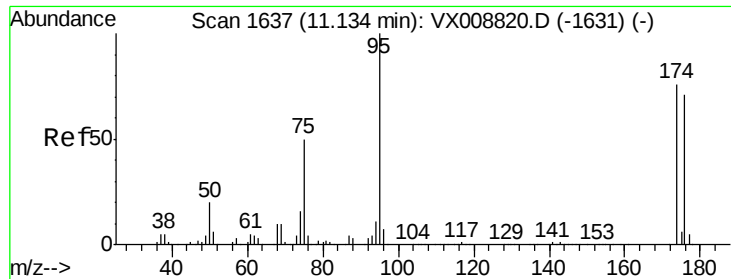
Tot Ion:113 Resp: 91769
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.2
 192 21.4 16.1 24.1



#50
 Toluene-d8
 Concen: 49.054 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008946.D
 Acq: 13 Apr 2019 20:49

Tgt Ion: 98 Resp: 386106
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 45.625 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008946.D

Acq: 13 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

SS040MW320-190410

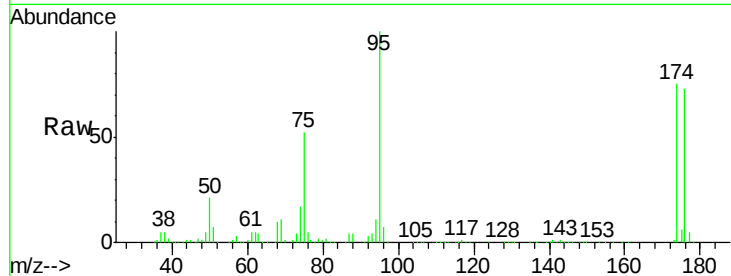
Tot Ion: 95 Resp: 127350

Ion Ratio Lower Upper

95 100

174 80.4 0.0 151.8

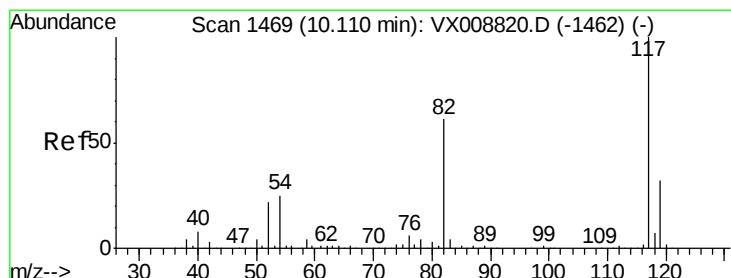
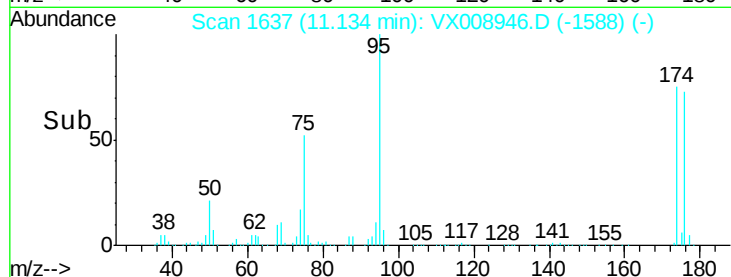
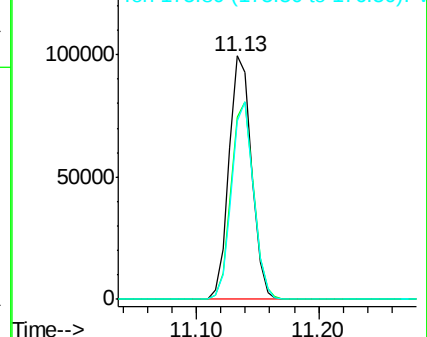
176 78.7 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008946.D

Acq: 13 Apr 2019 20:49

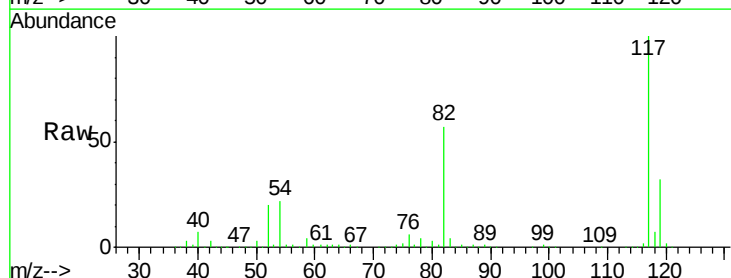
Tgt Ion: 117 Resp: 268948

Ion Ratio Lower Upper

117 100

82 56.6 49.6 74.4

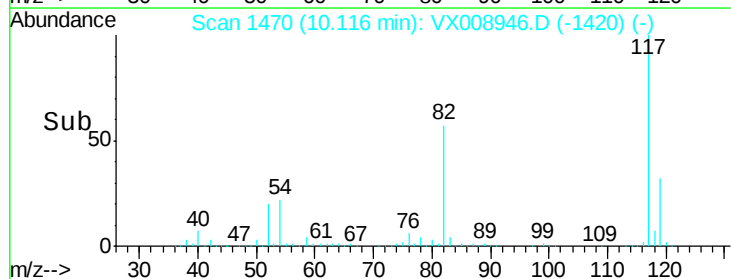
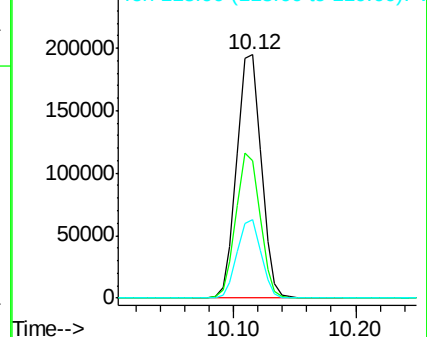
119 32.3 25.0 37.4

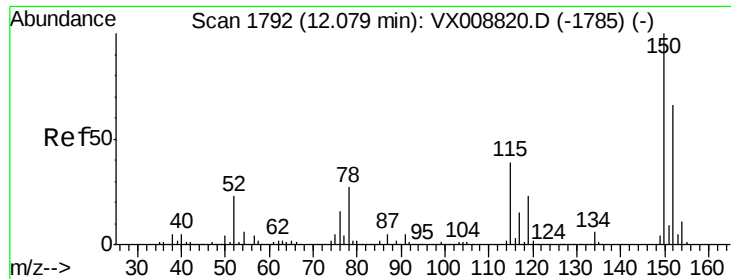


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008946.D

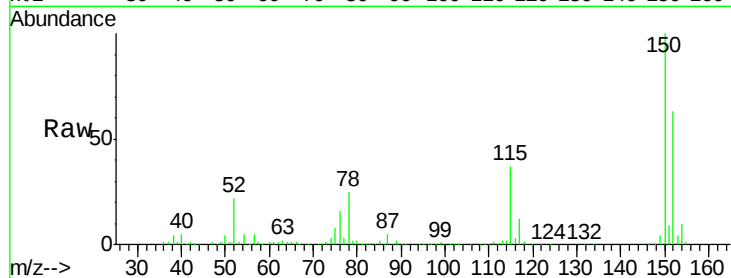
Acq: 13 Apr 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

SS040MW320-190410



Tot Ion:	152	Resp:	113431
Ion	Ratio	Lower	Upper
152	100		
115	59.6	43.5	130.5
150	158.4	0.0	348.8

