

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009116.D
 Acq On : 23 Apr 2019 13:20
 Operator : JC/SP
 Sample : K2537-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW007-190422

Quant Time: Apr 24 05:22:39 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

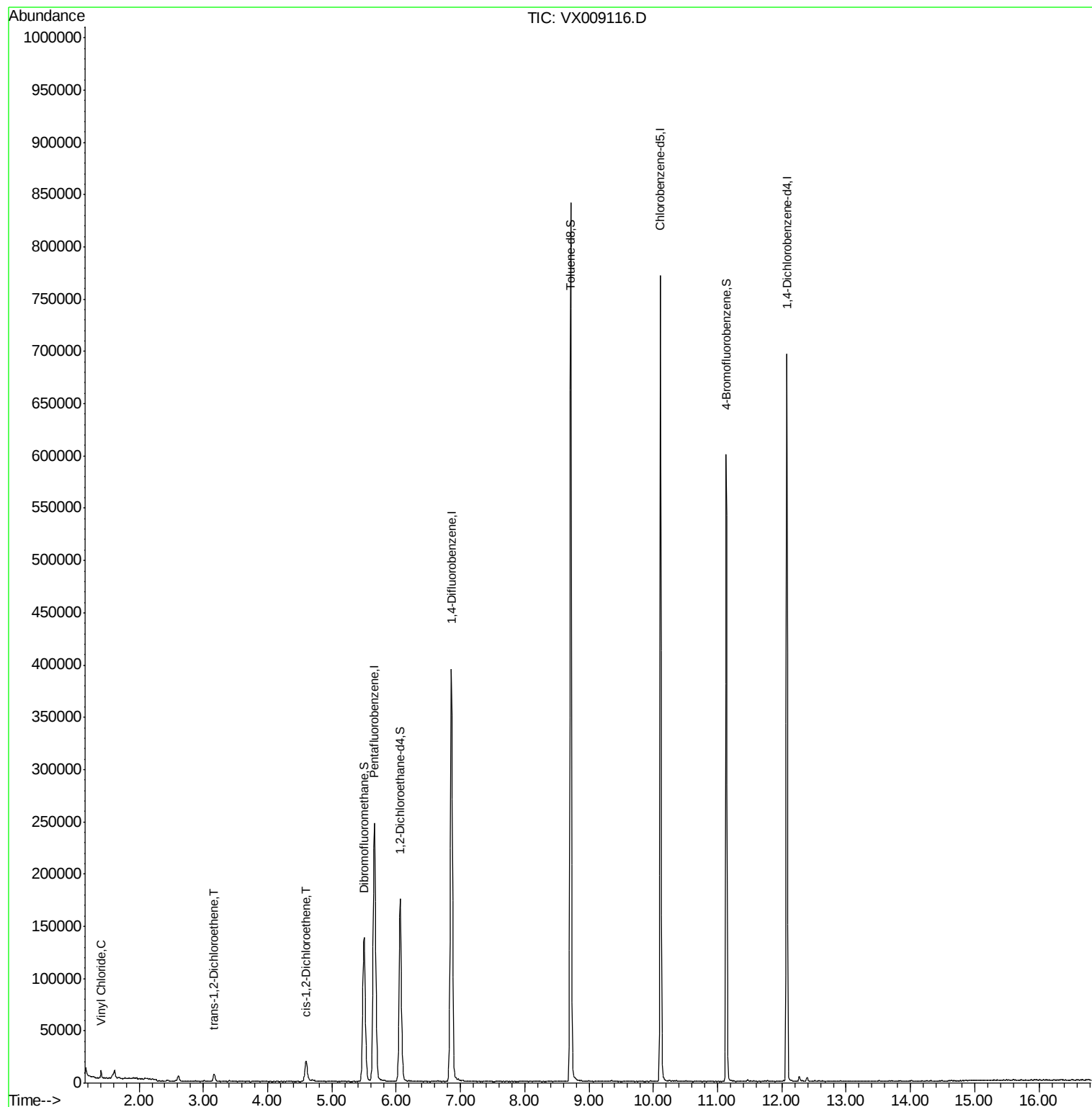
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	160578	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	5.50	113	118718	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	8.71	98	485341	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.13	95	159604	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
4) Vinyl Chloride	1.40	62	5293	1.603	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	2743	1.000	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	12246	3.931	ug/l	90

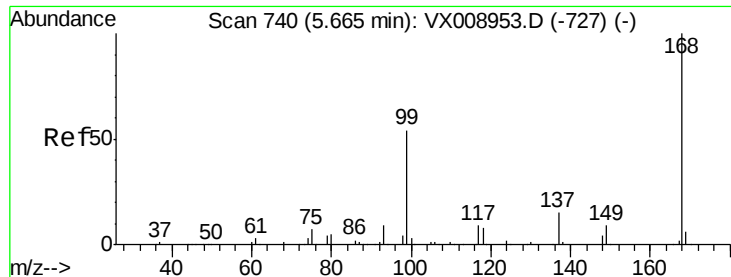
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX009116.D

Acq: 23 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

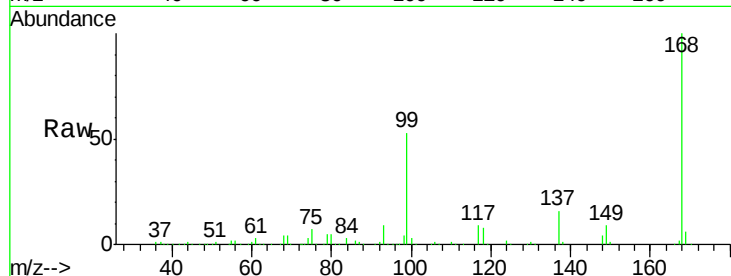
SS042MW007-190422

Tot Ion:168 Resp: 239882

Ion Ratio Lower Upper

168 100

99 53.4 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

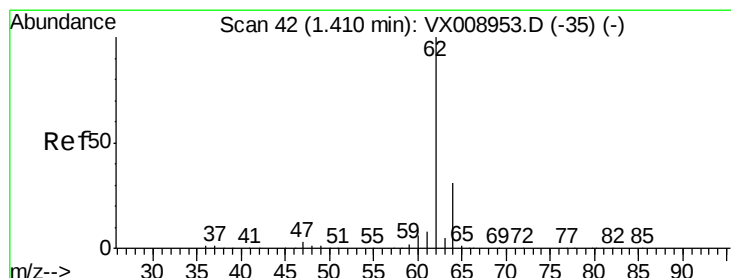
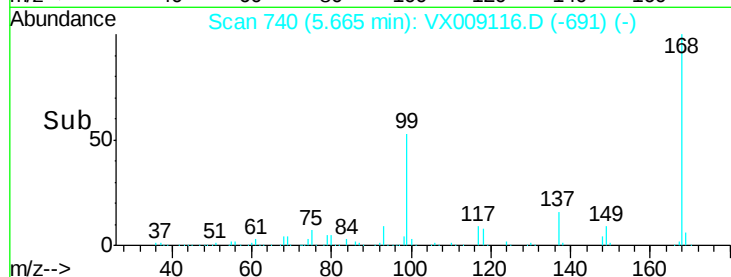
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.603 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009116.D

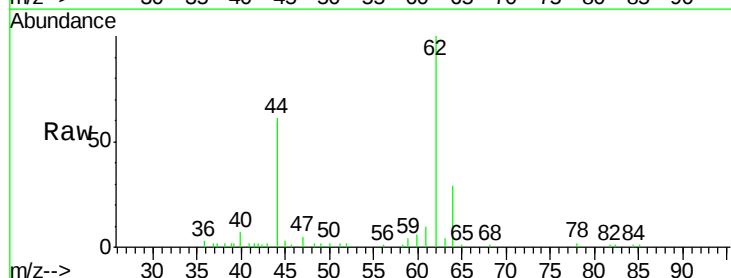
Acq: 23 Apr 2019 13:20

Tgt Ion: 62 Resp: 5293

Ion Ratio Lower Upper

62 100

64 27.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

5000

4000

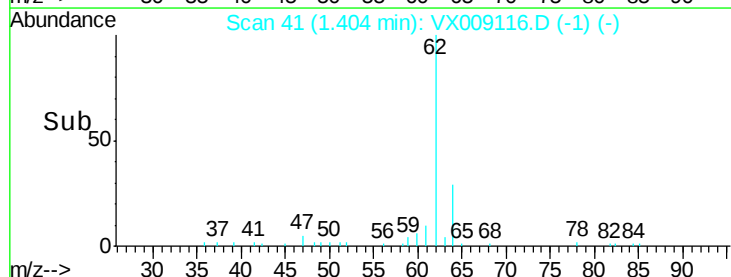
3000

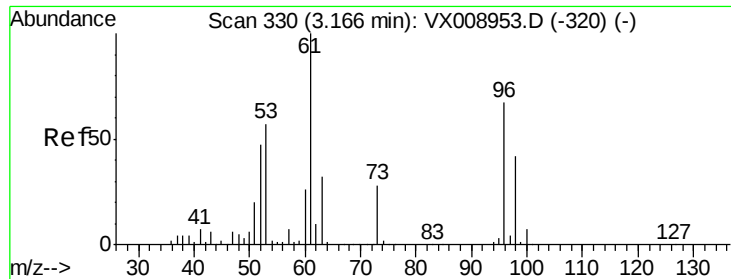
2000

1000

0

Time--> 1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 1.000 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

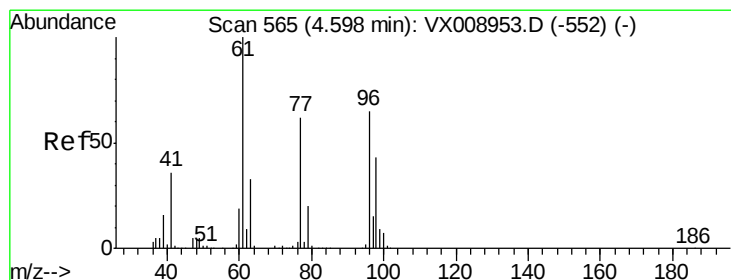
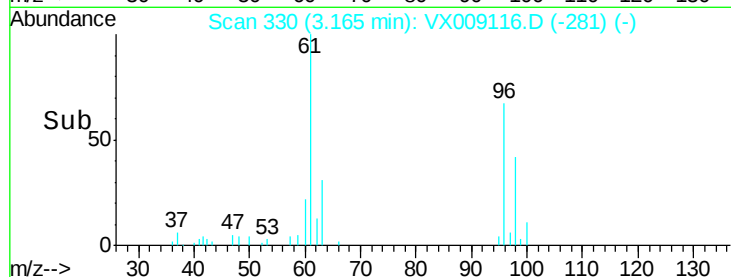
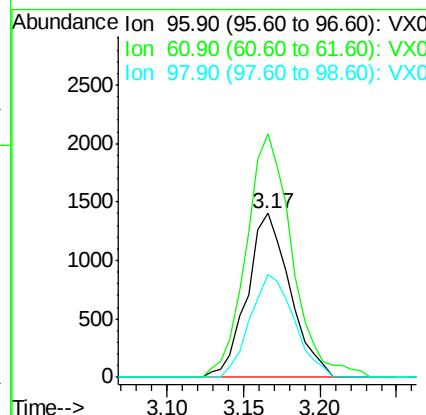
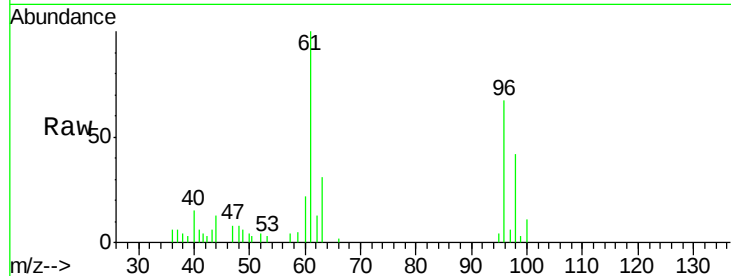
Lab File: VX009116.D

Acq: 23 Apr 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
SS042MW007-190422

Tot Ion: 96 Resp: 2743

Ion	Ratio	Lower	Upper
96	100		
61	148.3	120.3	180.5
98	62.6	50.2	75.2



#27

cis-1,2-Dichloroethene

Concen: 3.931 ug/l

RT: 4.60 min Scan# 565

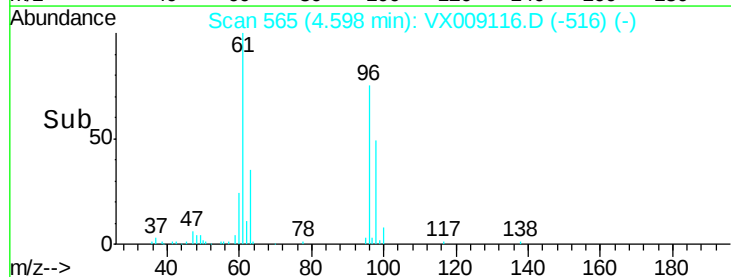
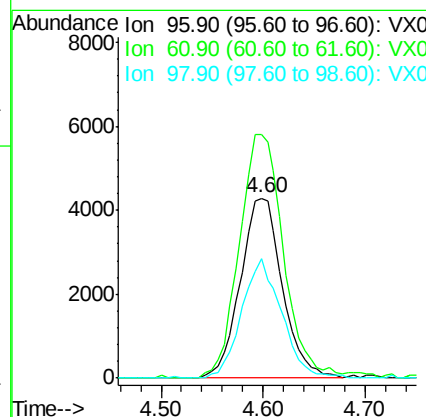
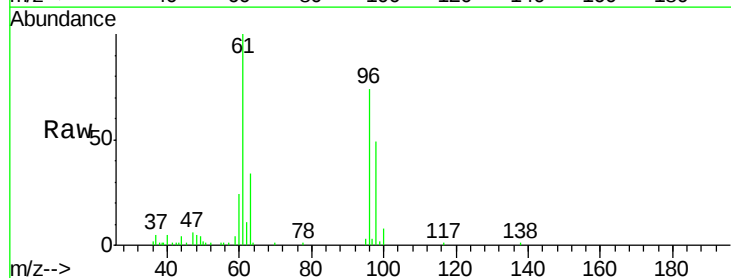
Delta R.T. -0.00 min

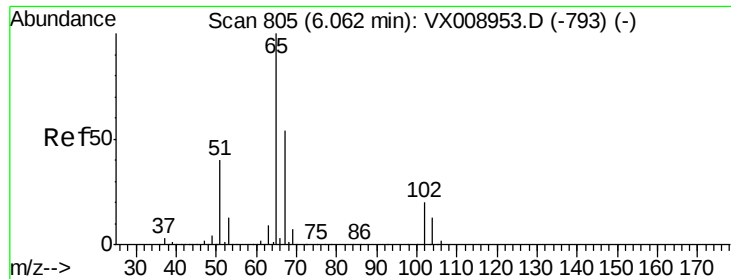
Lab File: VX009116.D

Acq: 23 Apr 2019 13:20

Tgt Ion: 96 Resp: 12246

Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	322.0
98	63.3	0.0	128.4





#33

1,2-Dichloroethane-d4

Concen: 47.500 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009116.D

Acq: 23 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

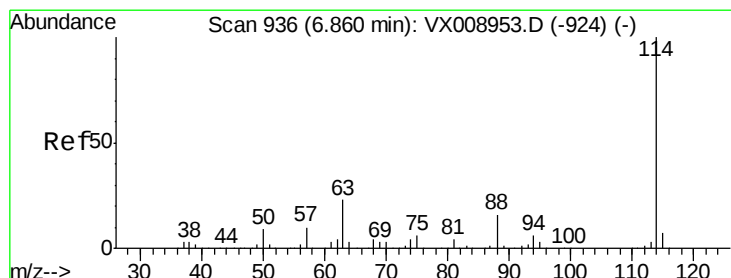
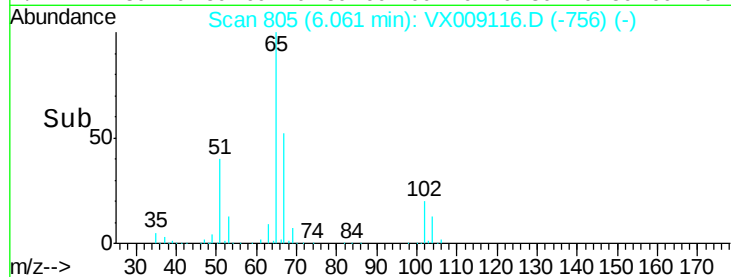
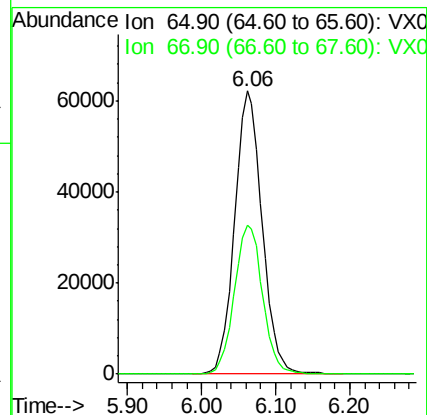
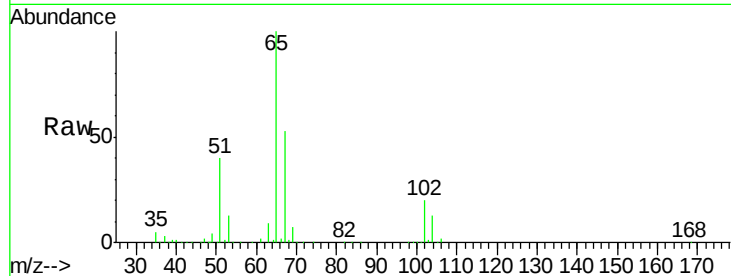
SS042MW007-190422

Tot Ion: 65 Resp: 160578

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009116.D

Acq: 23 Apr 2019 13:20

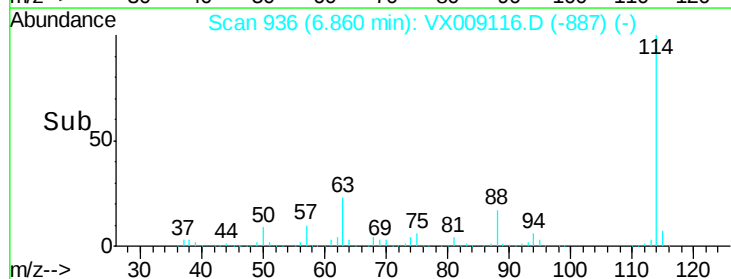
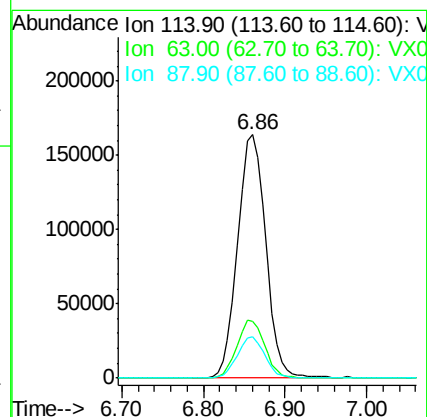
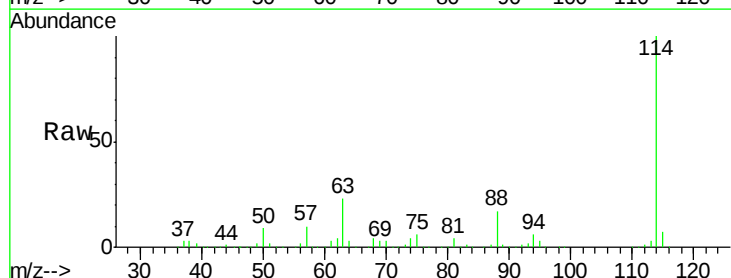
Tgt Ion: 114 Resp: 390635

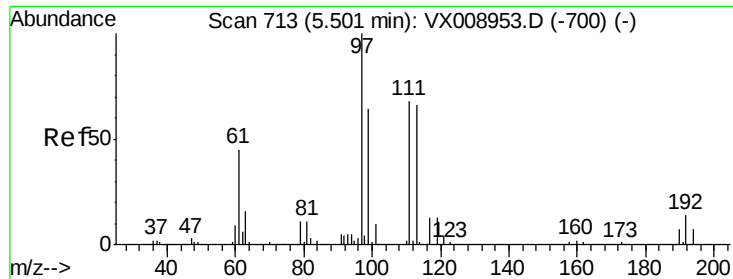
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

88 16.8 0.0 32.6

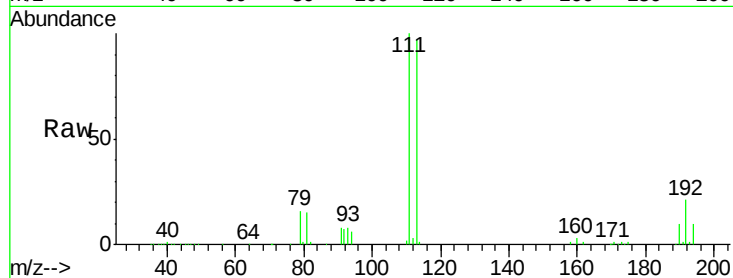




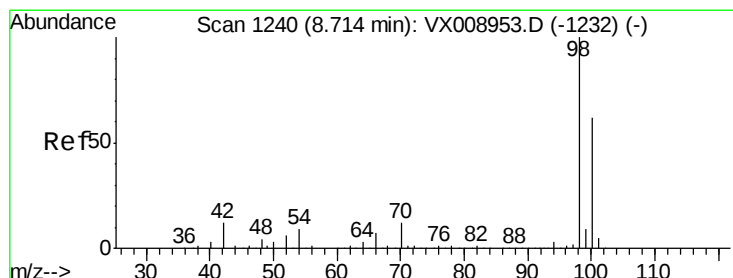
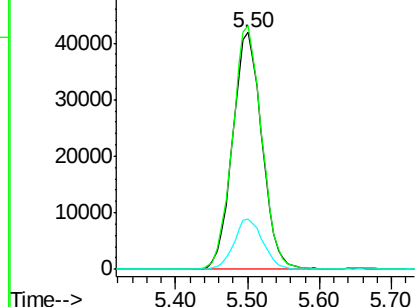
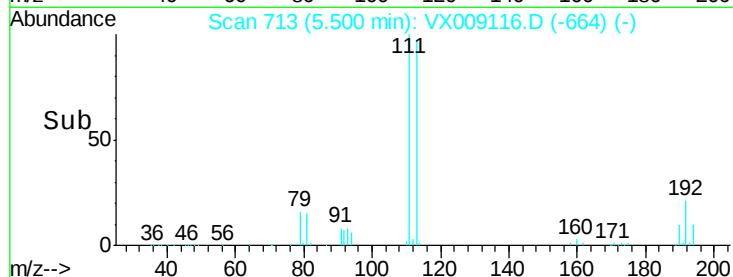
#35
 Dibromofluoromethane
 Concen: 47.355 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009116.D
 Acq: 23 Apr 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW007-190422

Tot Ion:113 Resp: 118718
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 21.3 17.4 26.0

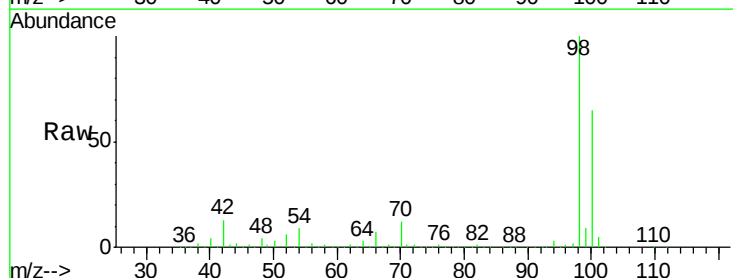


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

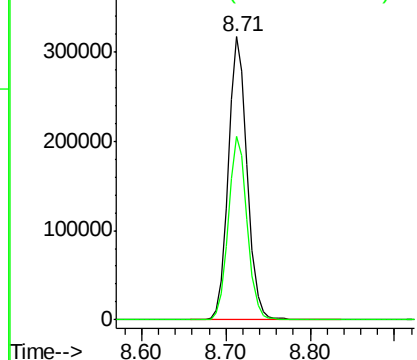
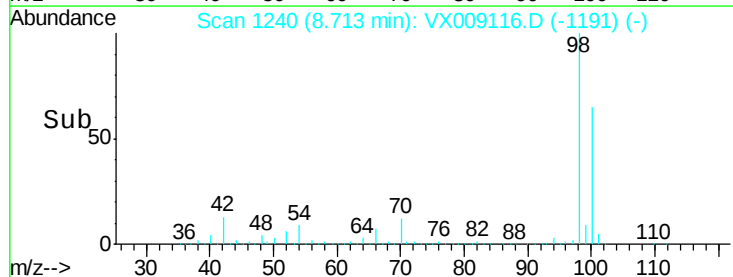


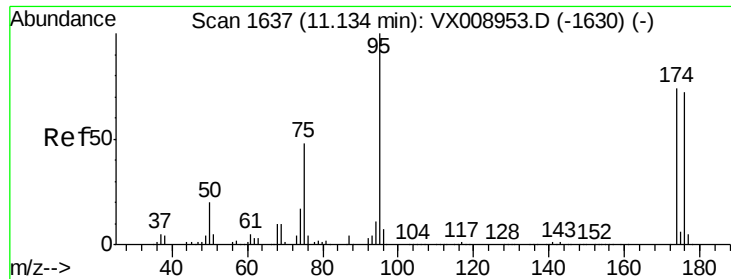
#50
 Toluene-d8
 Concen: 48.543 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009116.D
 Acq: 23 Apr 2019 13:20

Tgt Ion: 98 Resp: 485341
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.222 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009116.D

Acq: 23 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

SS042MW007-190422

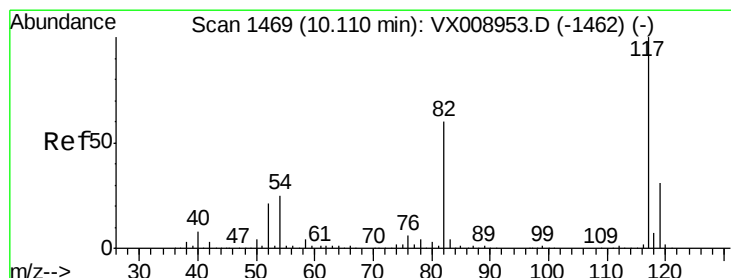
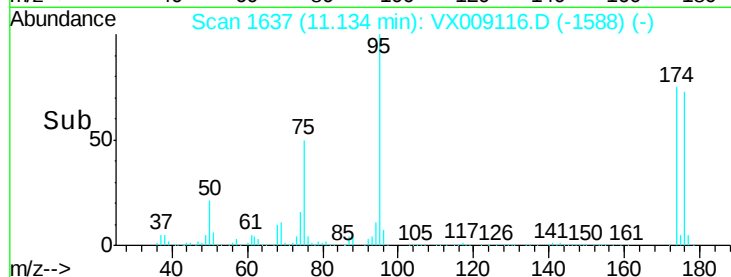
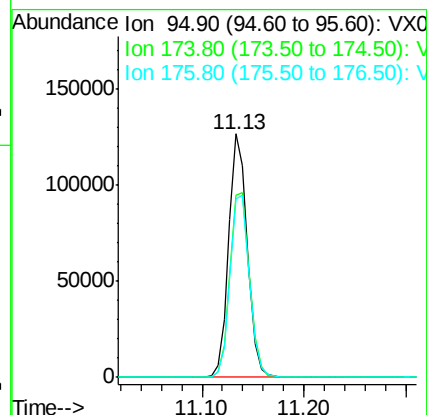
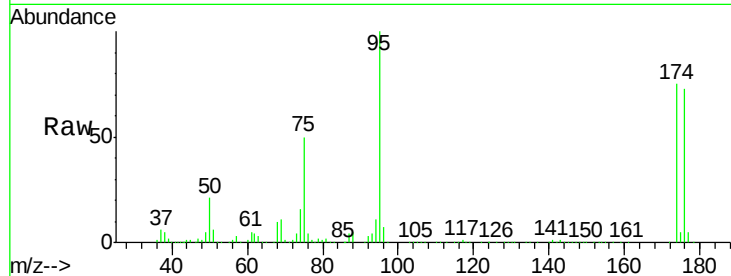
Tot Ion: 95 Resp: 159604

Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.6

176 77.7 0.0 154.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009116.D

Acq: 23 Apr 2019 13:20

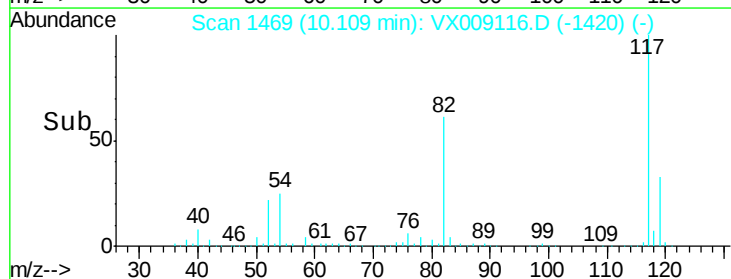
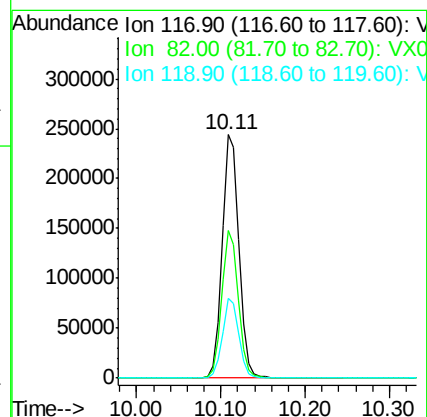
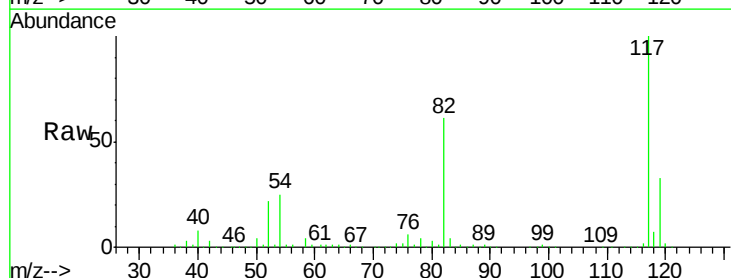
Tgt Ion: 117 Resp: 335716

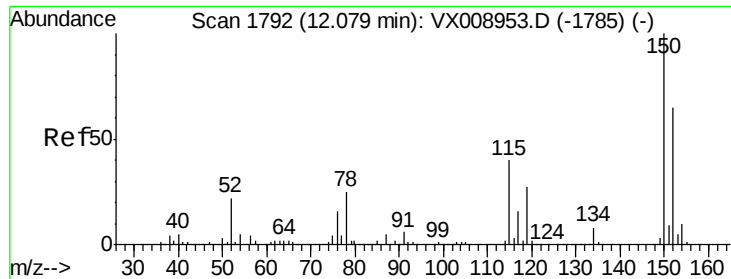
Ion Ratio Lower Upper

117 100

82 60.6 48.2 72.4

119 32.6 25.0 37.6



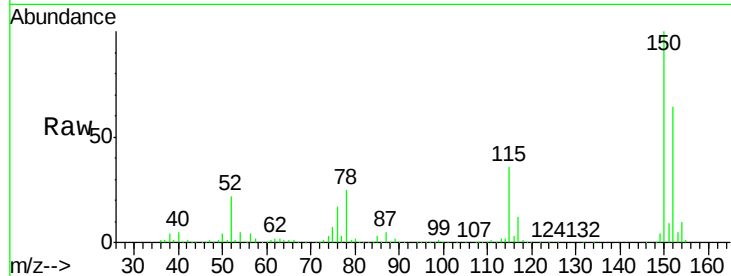


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009116.D
 Acq: 23 Apr 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW007-190422

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.4	124.2
150	155.8	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

