

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009295.D
 Acq On : 02 May 2019 23:53
 Operator : JC/SP
 Sample : K2659-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429

Quant Time: May 03 12:18:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

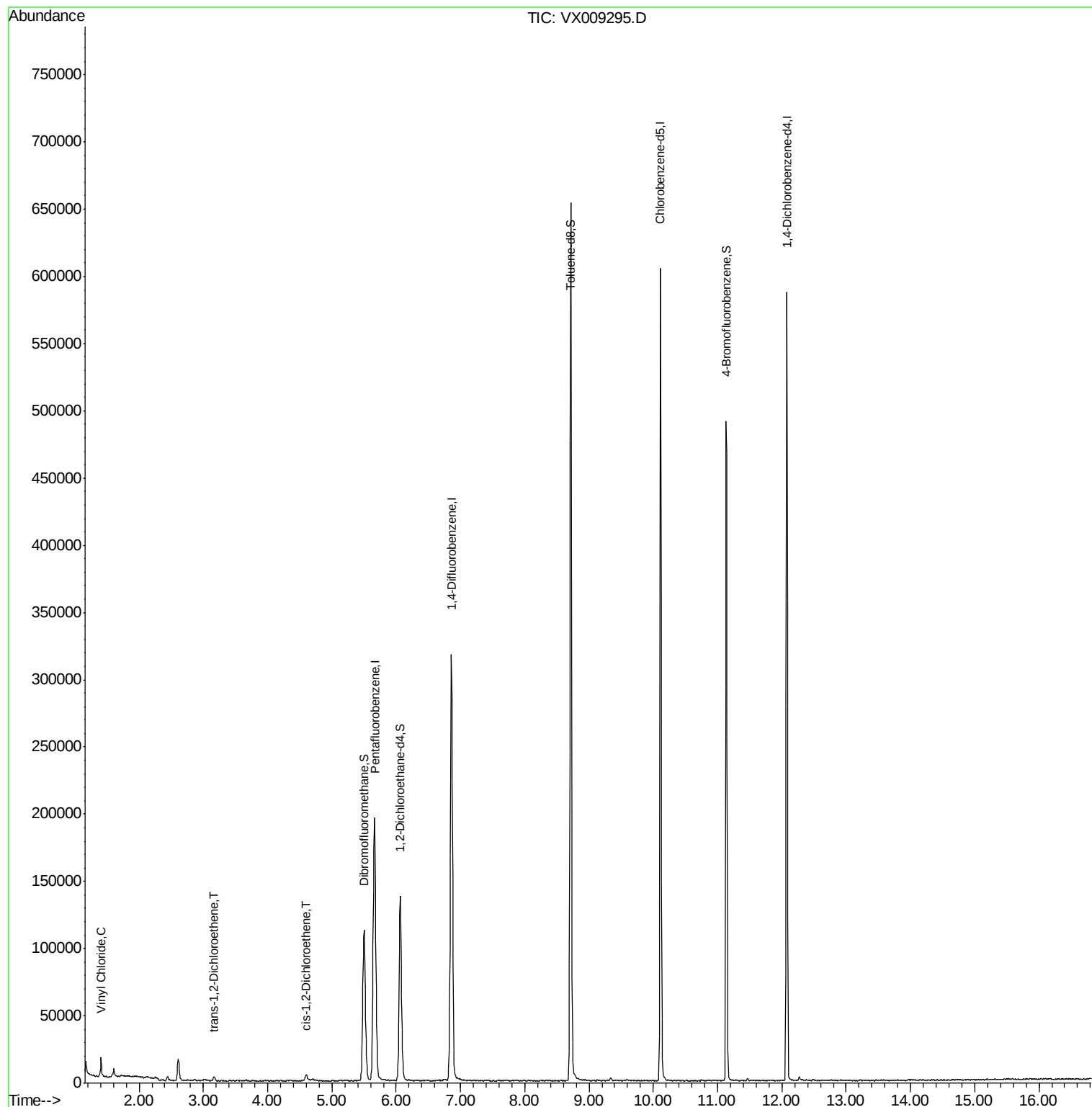
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130506	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
35) Dibromofluoromethane	5.50	113	96527	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	392840	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	131283	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
Target Compounds						
4) Vinyl Chloride	1.40	62	9012	3.794	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	861	0.437	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	2236	0.951	ug/l	96

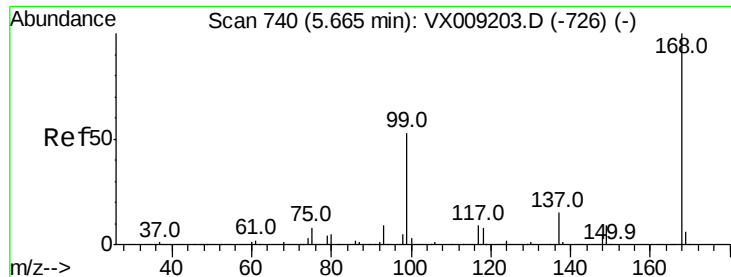
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009295.D

Acq: 02 May 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

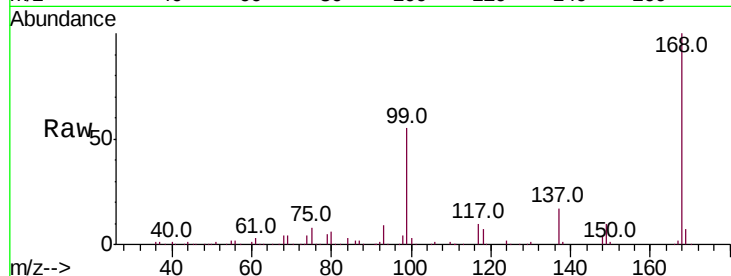
SS050MW641-190429

Tot Ion:168 Resp: 193626

Ion Ratio Lower Upper

168 100

99 55.2 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

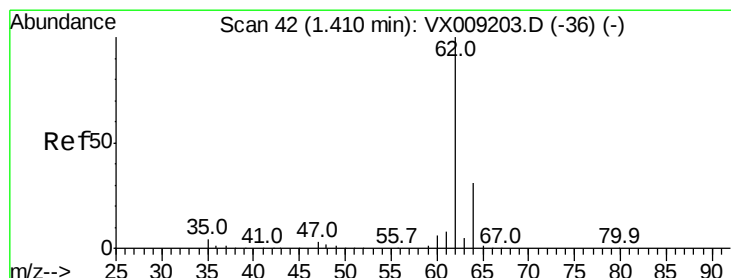
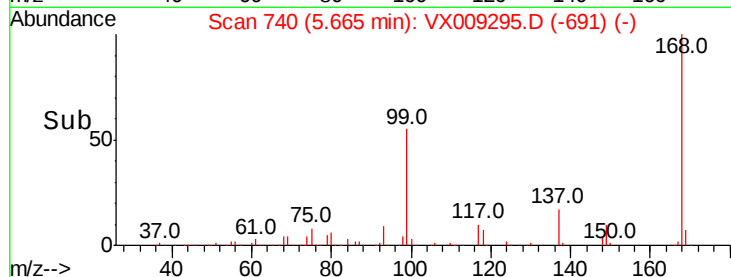
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.794 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009295.D

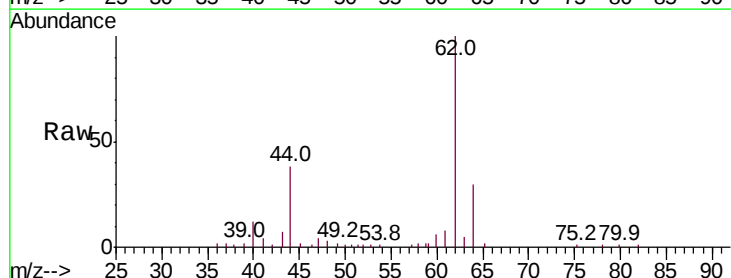
Acq: 02 May 2019 23:53

Tgt Ion: 62 Resp: 9012

Ion Ratio Lower Upper

62 100

64 29.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

8000

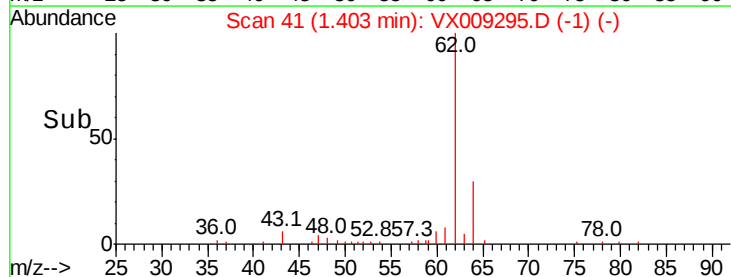
6000

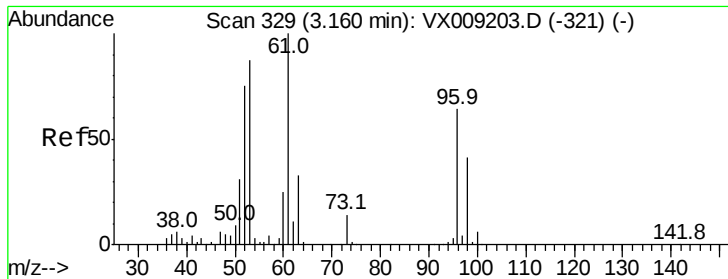
4000

2000

0

Time--> 1.35 1.40 1.45 1.50





#21

trans-1,2-Dichloroethene

Concen: 0.437 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009295.D

Acq: 02 May 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429

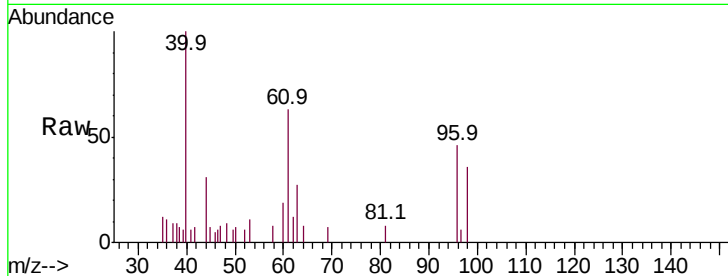
Tot Ion: 96 Resp: 861

Ion Ratio Lower Upper

96 100

61 137.2 124.5 186.7

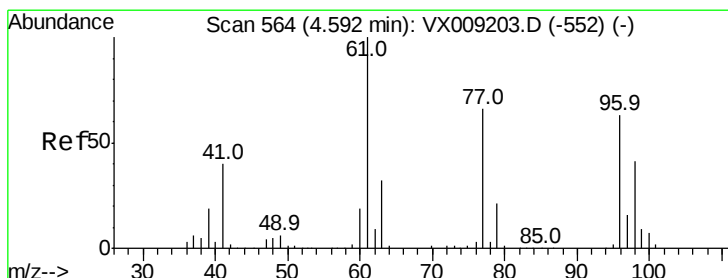
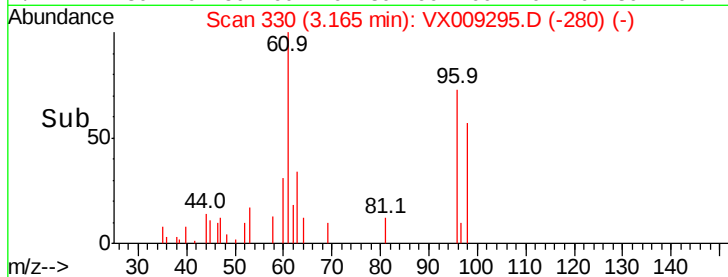
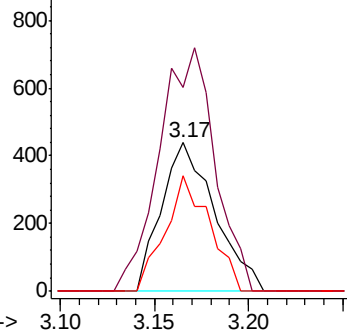
98 78.1 50.4 75.6#



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



#27

cis-1,2-Dichloroethene

Concen: 0.951 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009295.D

Acq: 02 May 2019 23:53

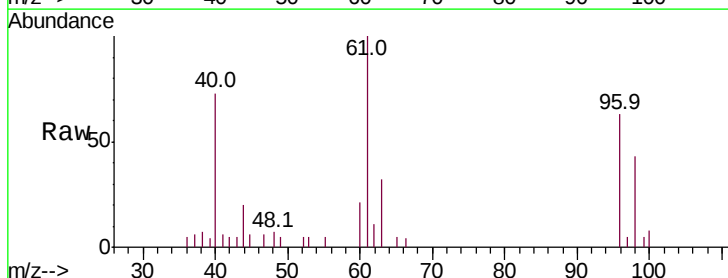
Tgt Ion: 96 Resp: 2236

Ion Ratio Lower Upper

96 100

61 159.3 0.0 324.0

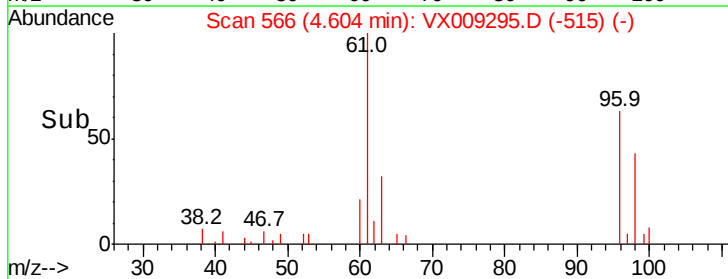
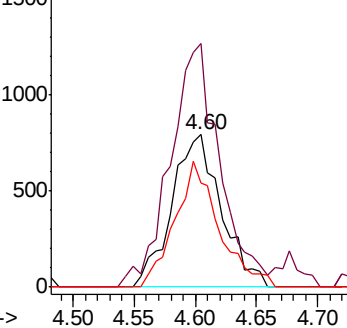
98 73.2 0.0 130.4

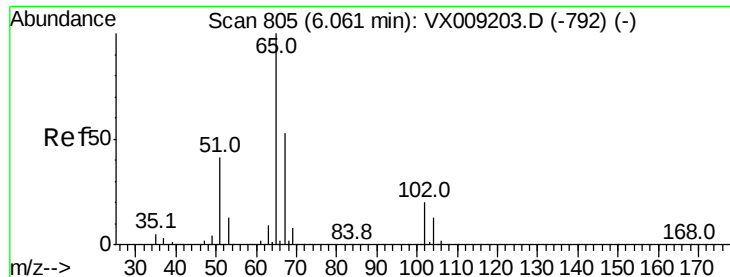


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.374 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009295.D

Acq: 02 May 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

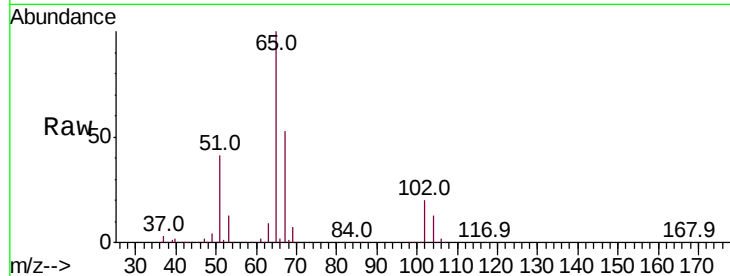
SS050MW641-190429

Tot Ion: 65 Resp: 130506

Ion Ratio Lower Upper

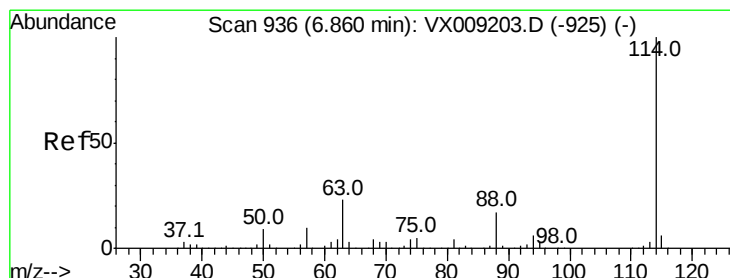
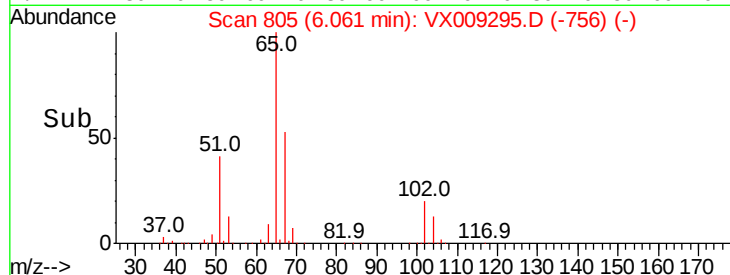
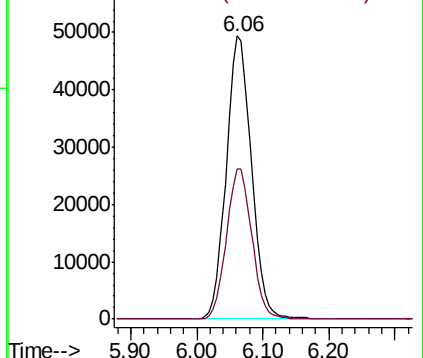
65 100

67 53.4 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: VX009295.D

Acq: 02 May 2019 23:53

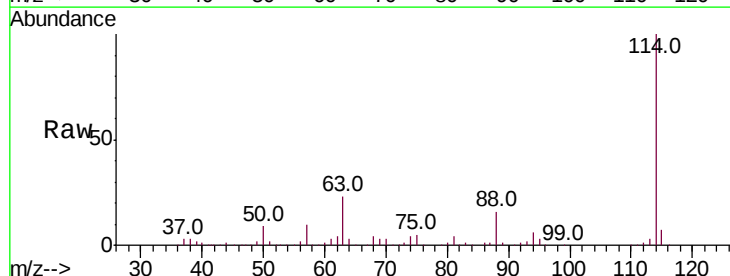
Tgt Ion:114 Resp: 315996

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

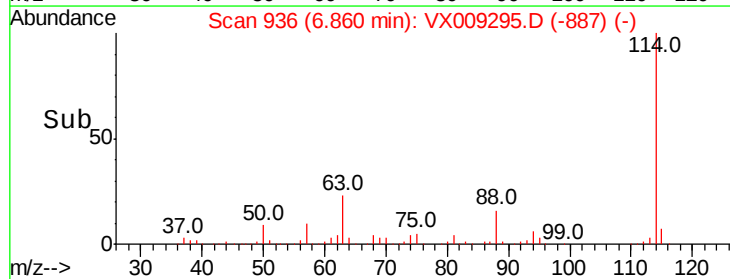
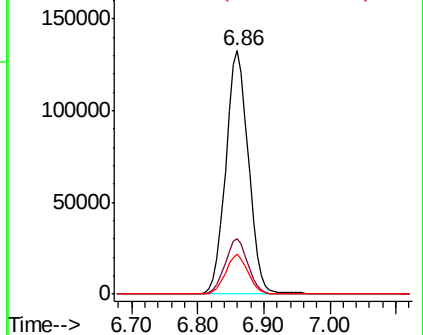
88 16.4 0.0 33.2

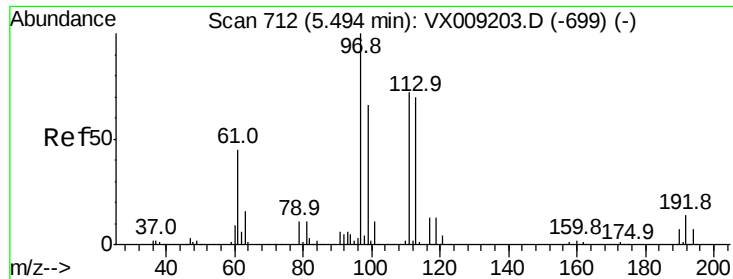


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

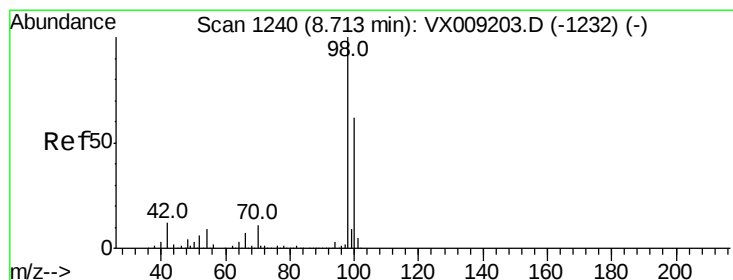
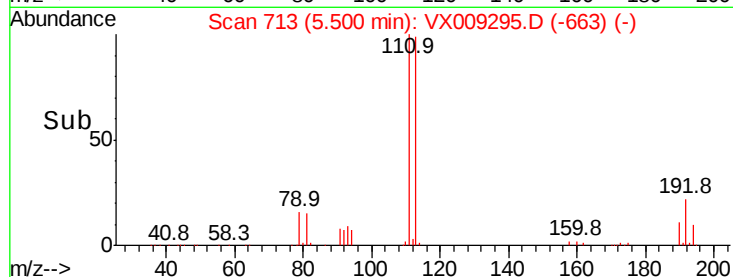
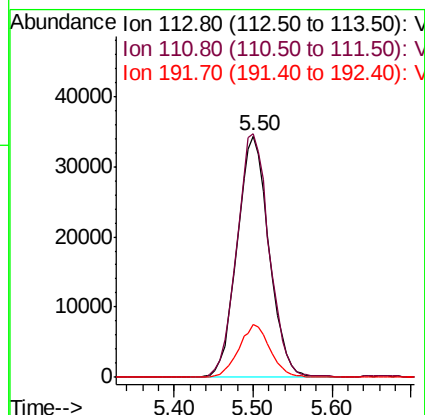
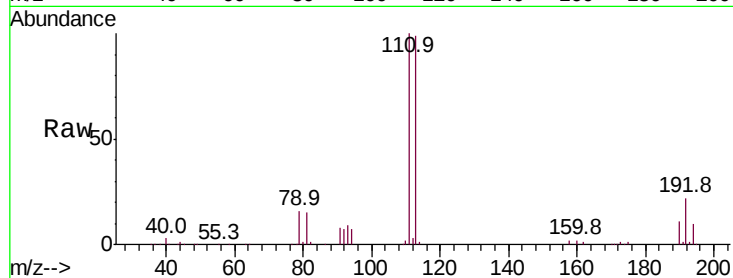




#35
 Dibromofluoromethane
 Concen: 48.592 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009295.D
 Acq: 02 May 2019 23:53

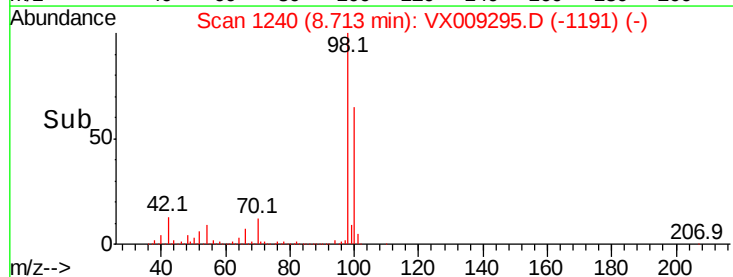
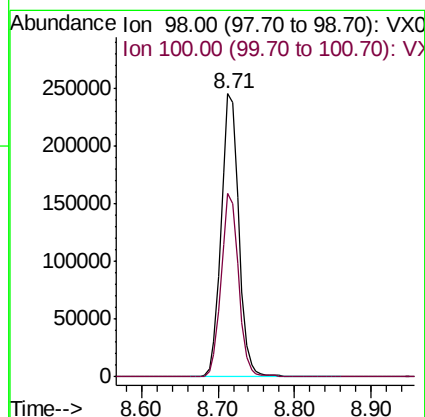
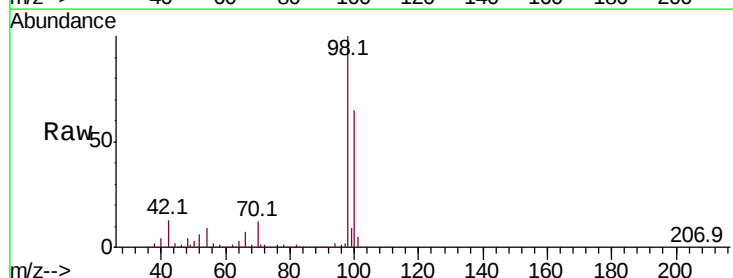
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429

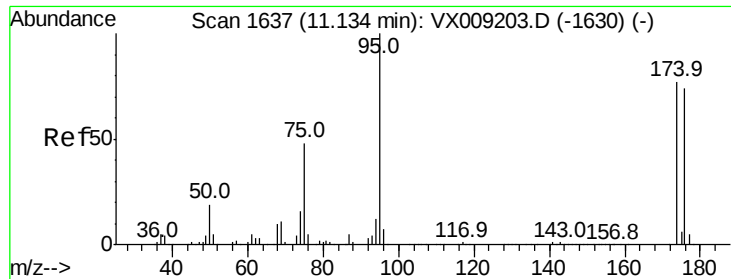
Tot Ion:113 Resp: 96527
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 21.7 17.0 25.6



#50
 Toluene-d8
 Concen: 48.983 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009295.D
 Acq: 02 May 2019 23:53

Tgt Ion: 98 Resp: 392840
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.051 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009295.D

Acq: 02 May 2019 23:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429

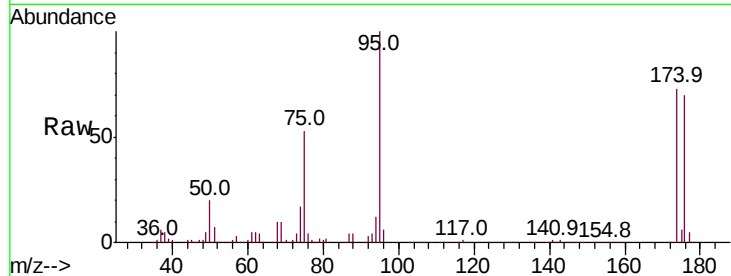
Tot Ion: 95 Resp: 131283

Ion Ratio Lower Upper

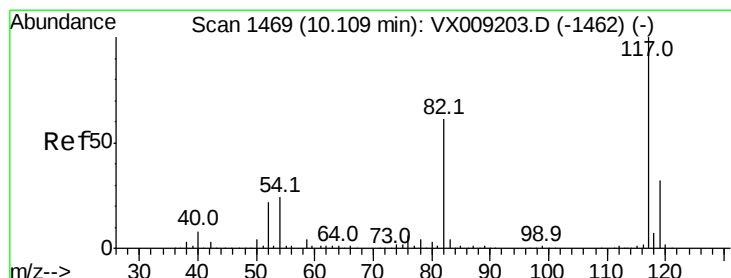
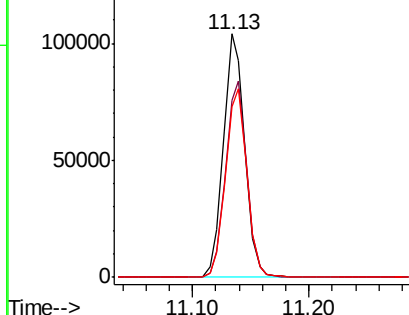
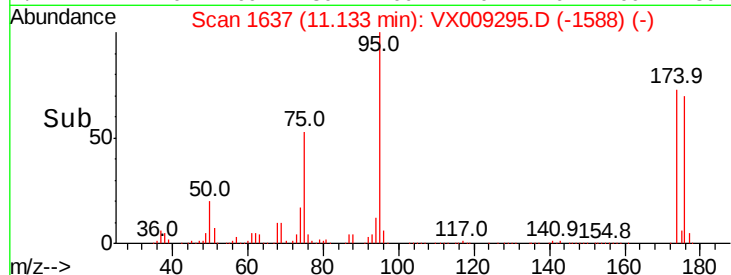
95 100

174 80.6 0.0 161.6

176 78.1 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009295.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009295.D

Acq: 02 May 2019 23:53

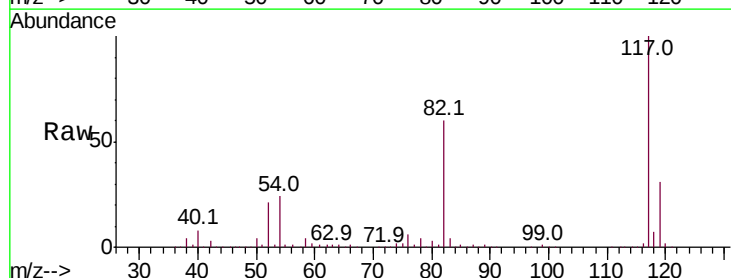
Tgt Ion: 117 Resp: 275822

Ion Ratio Lower Upper

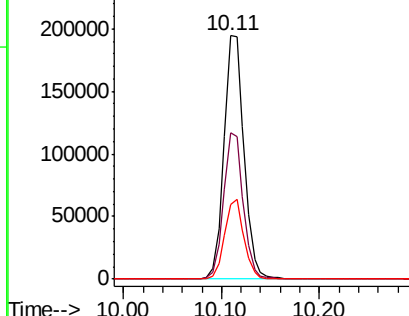
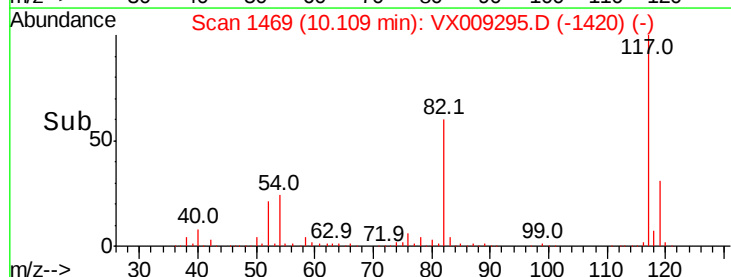
117 100

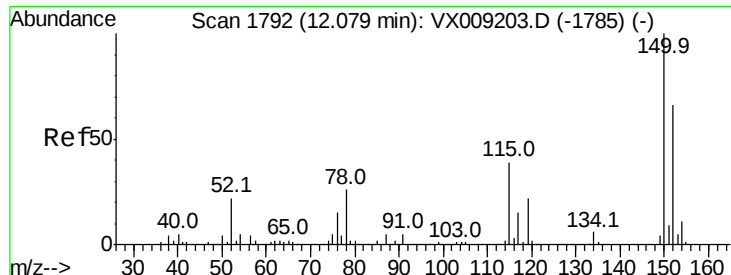
82 59.9 48.8 73.2

119 30.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX009295.D (-1420) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009295.D
 Acq: 02 May 2019 23:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.6	41.2	123.6
150	155.7	0.0	346.4

