

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008636.D
 Acq On : 04 Apr 2019 15:20
 Operator : JC/SP
 Sample : K2263-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Apr 05 08:06:07 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

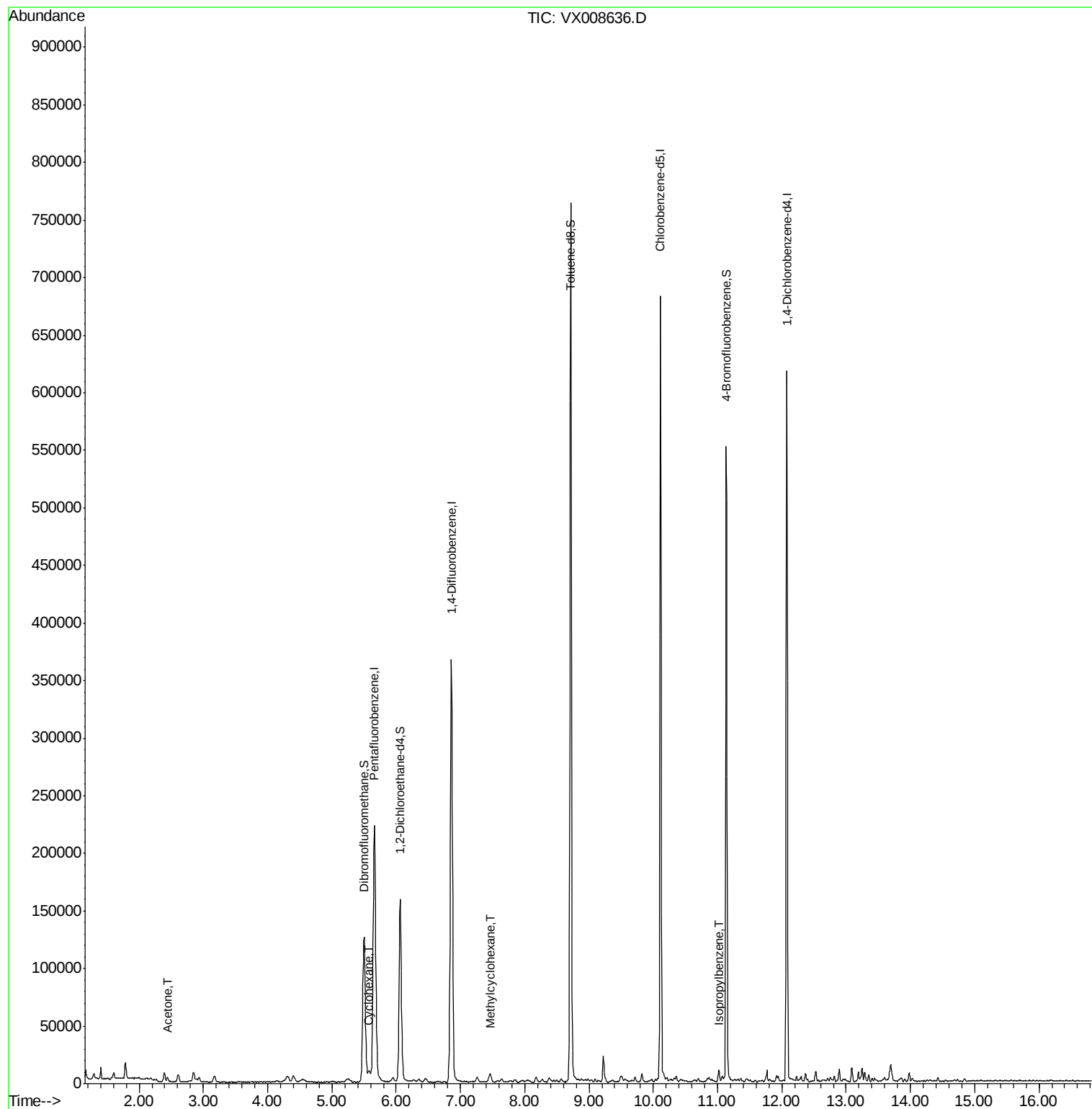
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353646	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	149520	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
35) Dibromofluoromethane	5.50	113	108942	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	444018	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	146392	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
16) Acetone	2.44	43	4159	2.337	ug/l	96
31) Cyclohexane	5.57	56	6453	1.209	ug/l	90
39) Methylcyclohexane	7.46	83	3072	0.643	ug/l	86
73) Isopropylbenzene	11.02	105	3723	0.368	ug/l	97

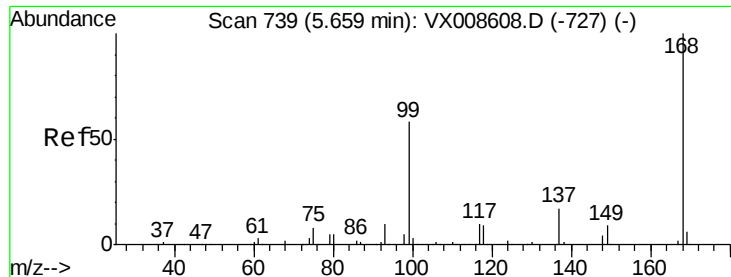
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008636.D

Acq: 04 Apr 2019 15:20

Instrument :

MSVOA_X

ClientSampled :

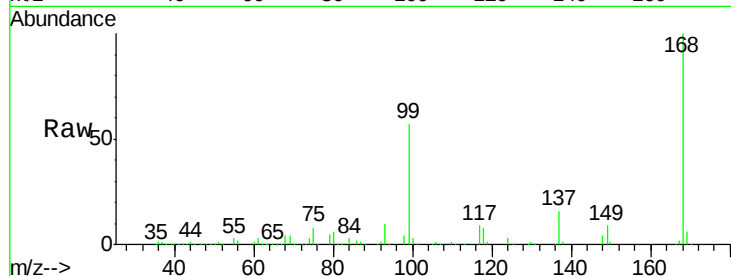
MW-4

Tot Ion:168 Resp: 211856

Ion Ratio Lower Upper

168 100

99 57.3 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

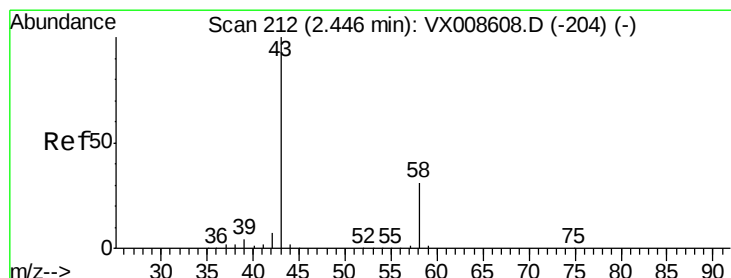
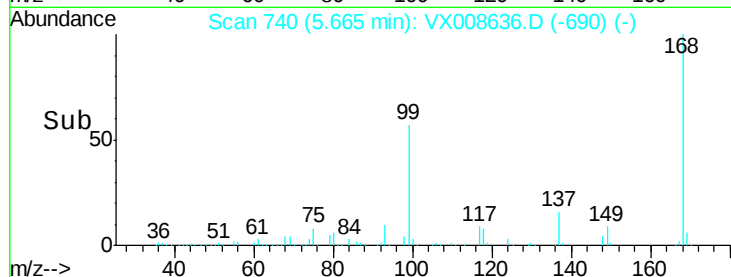
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.337 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008636.D

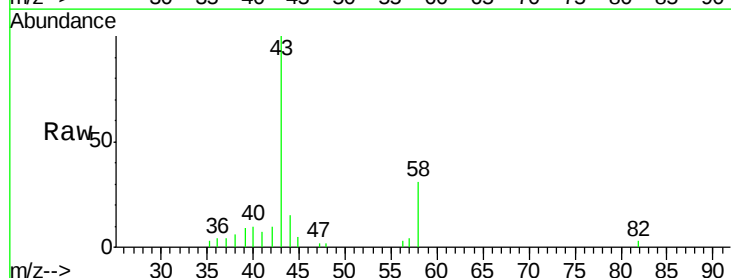
Acq: 04 Apr 2019 15:20

Tgt Ion: 43 Resp: 4159

Ion Ratio Lower Upper

43 100

58 28.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2500

2000

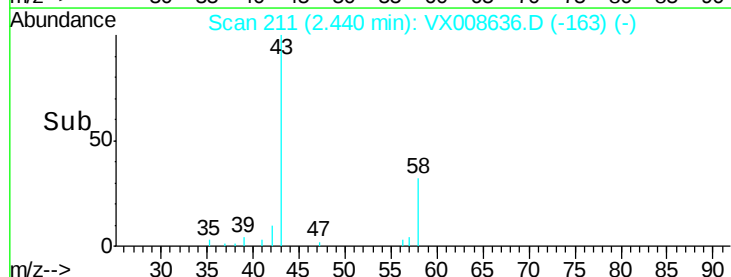
1500

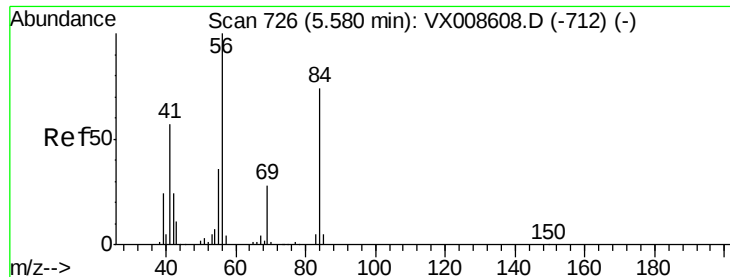
1000

500

0

Time--> 2.40 2.45 2.50





#31

Cyclohexane

Concen: 1.209 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008636.D

Acq: 04 Apr 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

MW-4

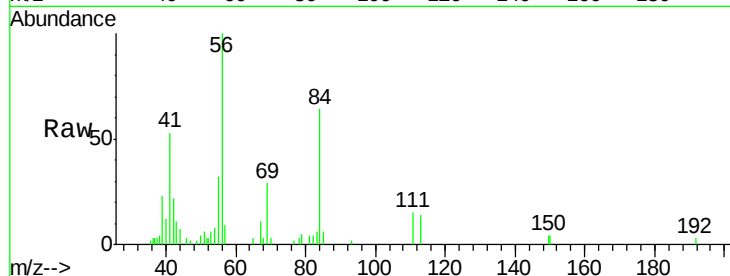
Tot Ion: 56 Resp: 6453

Ion Ratio Lower Upper

56 100

69 26.5 22.6 33.8

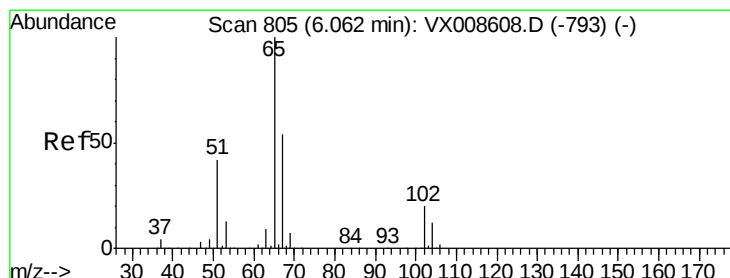
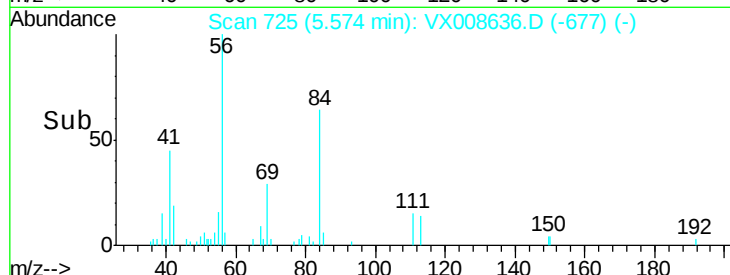
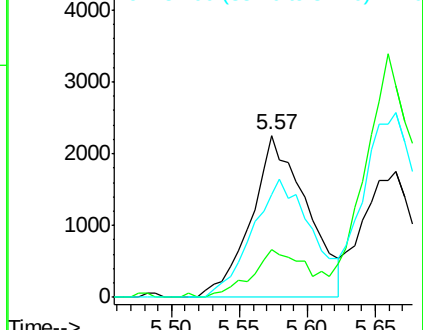
84 63.8 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.388 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008636.D

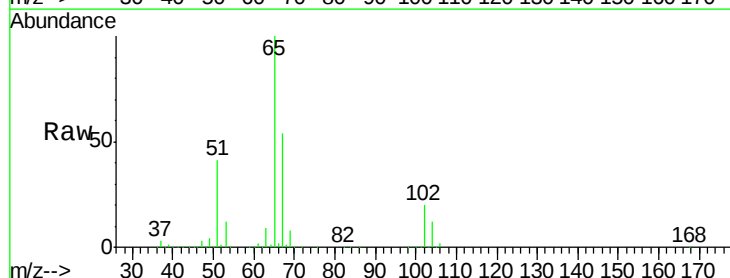
Acq: 04 Apr 2019 15:20

Tgt Ion: 65 Resp: 149520

Ion Ratio Lower Upper

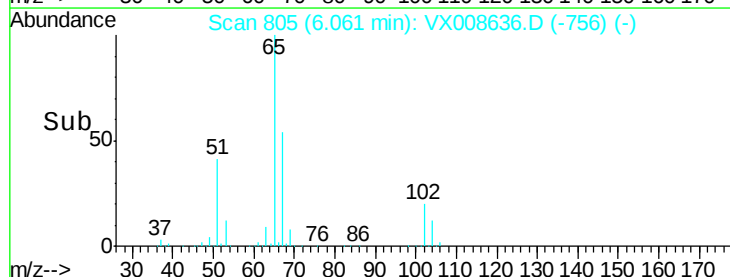
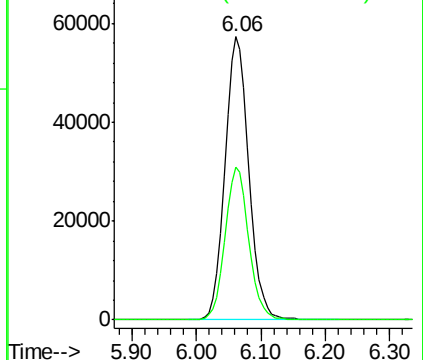
65 100

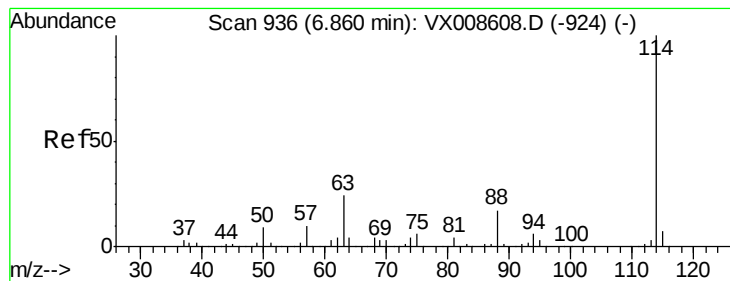
67 53.5 0.0 107.2



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: VX008636.D

Acq: 04 Apr 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

MW-4

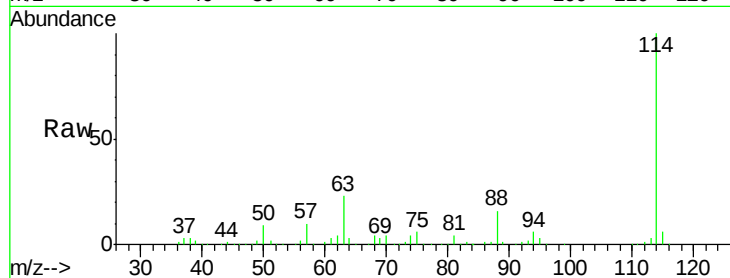
Tot Ion:114 Resp: 353646

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.2

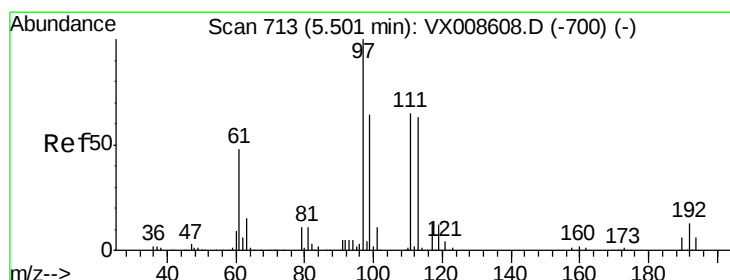
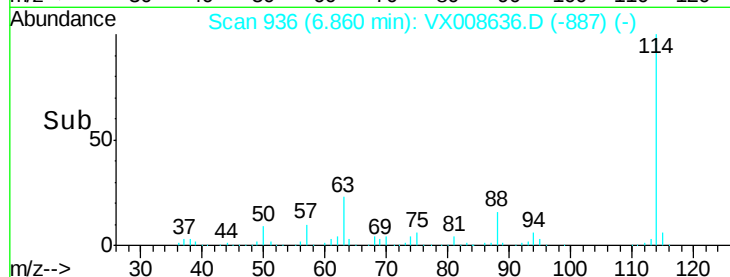
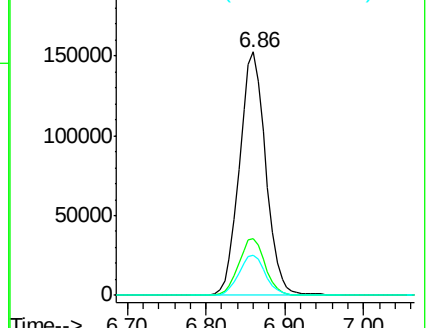
88 16.3 0.0 34.0



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: 48.181 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008636.D

Acq: 04 Apr 2019 15:20

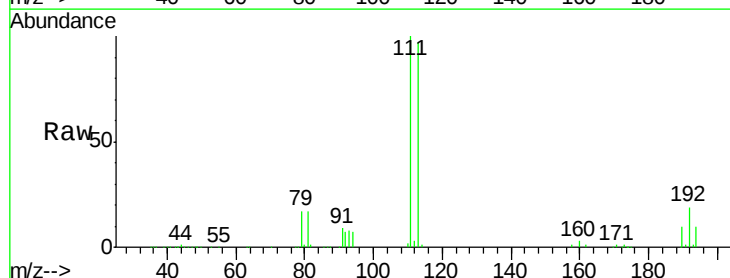
Tgt Ion:113 Resp: 108942

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

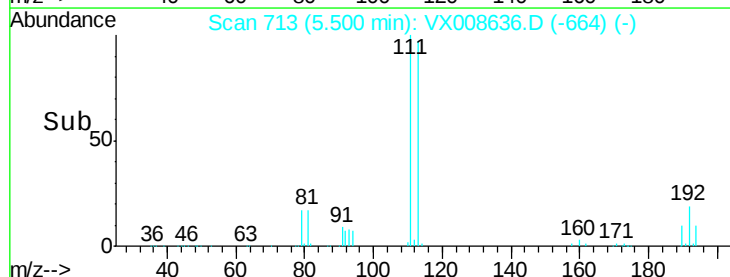
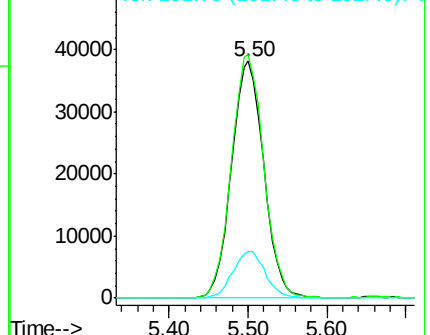
192 19.9 16.1 24.1

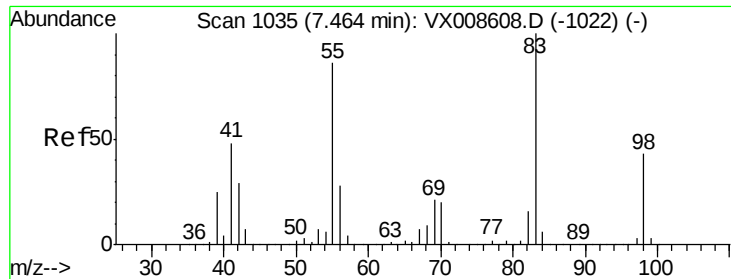


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

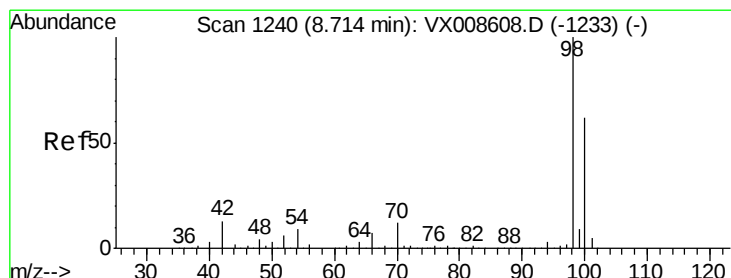
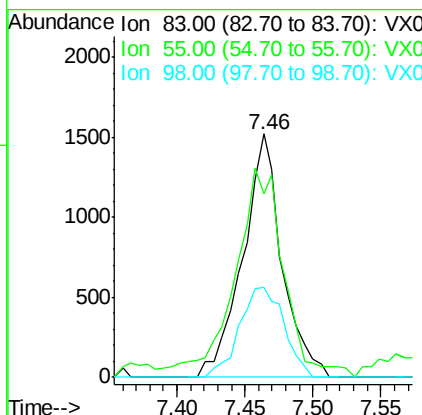
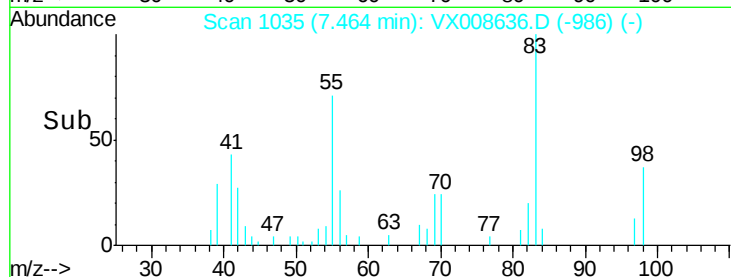
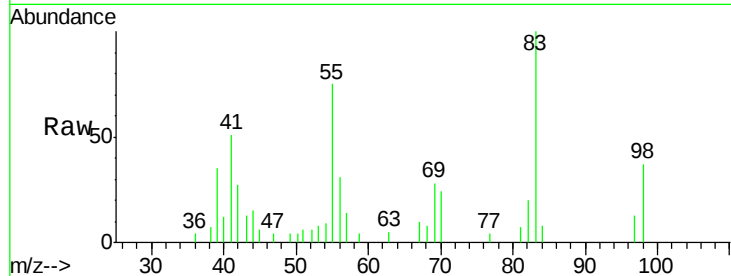




#39
Methvlcvclohexane
Concen: 0.643 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008636.D
Acq: 04 Apr 2019 15:20

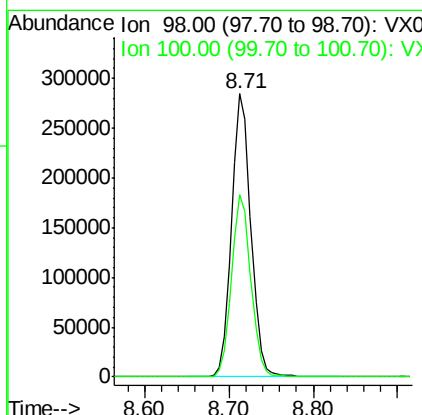
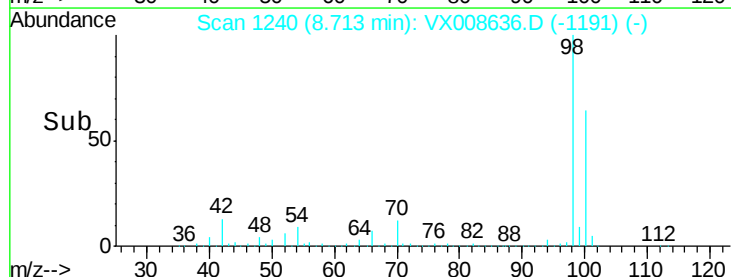
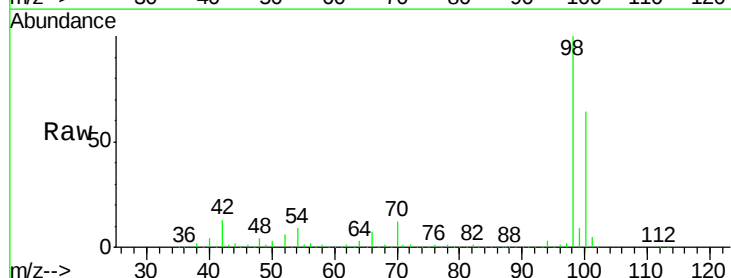
Instrument :
MSVOA_X
ClientSampleId :
MW-4

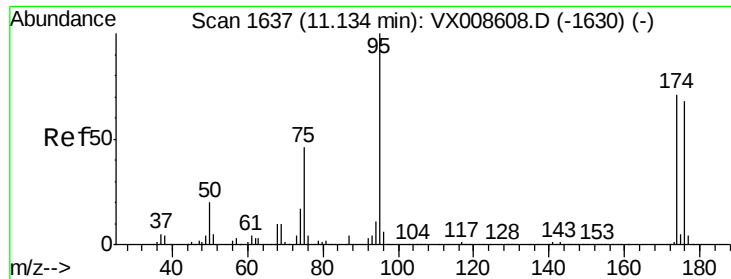
Tot Ion: 83 Resp: 3072
Ion Ratio Lower Upper
83 100
55 70.7 69.0 103.6
98 37.1 34.4 51.6



#50
Toluene-d8
Concen: 49.319 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008636.D
Acq: 04 Apr 2019 15:20

Tgt Ion: 98 Resp: 444018
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 45.853 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008636.D

Acq: 04 Apr 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

MW-4

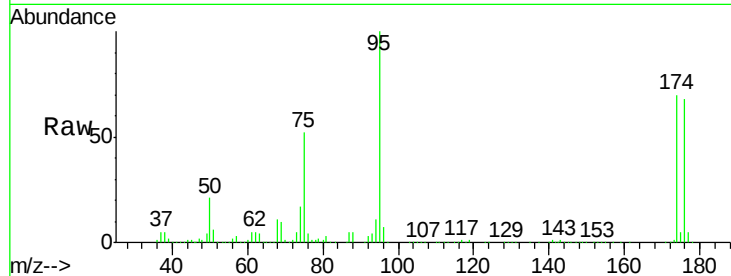
Tot Ion: 95 Resp: 146392

Ion Ratio Lower Upper

95 100

174 74.5 0.0 151.8

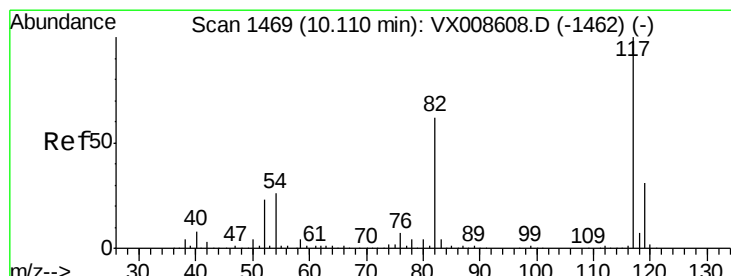
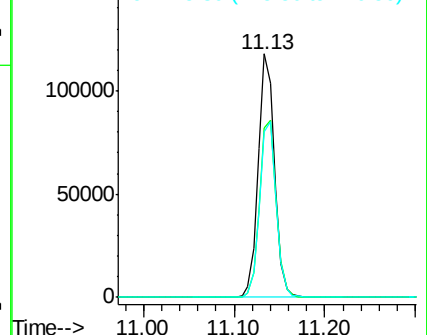
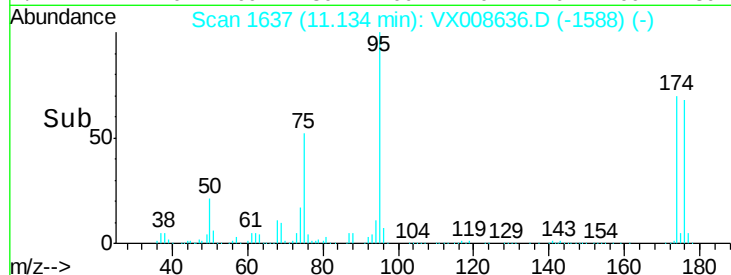
176 73.5 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008636.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008636.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008636.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008636.D

Acq: 04 Apr 2019 15:20

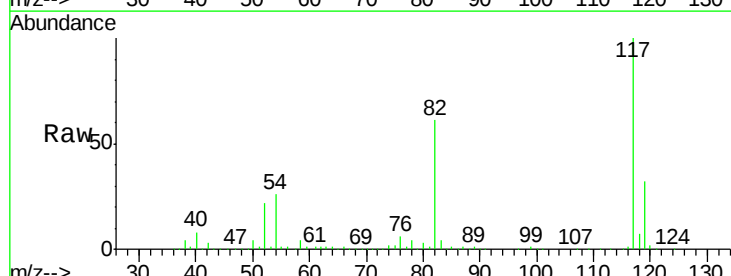
Tgt Ion: 117 Resp: 303303

Ion Ratio Lower Upper

117 100

82 61.3 49.6 74.4

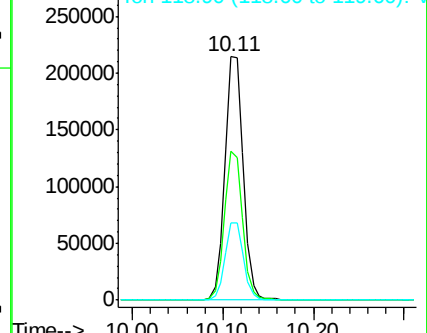
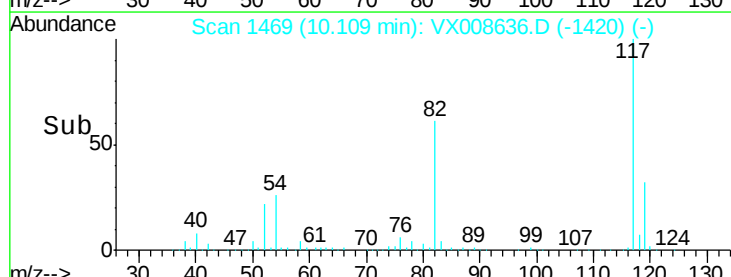
119 31.6 25.0 37.4

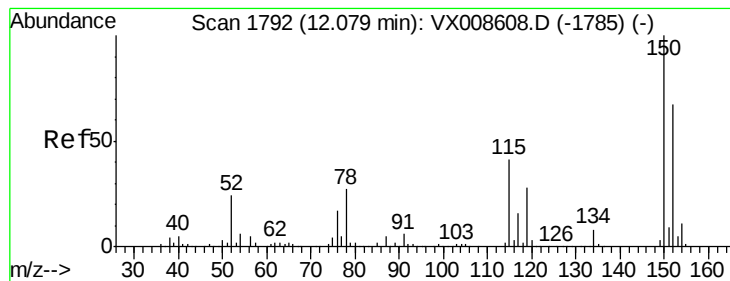


Abundance Ion 116.90 (116.60 to 117.60): VX008636.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008636.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008636.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: VX008636.D

Acq: 04 Apr 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

MW-4

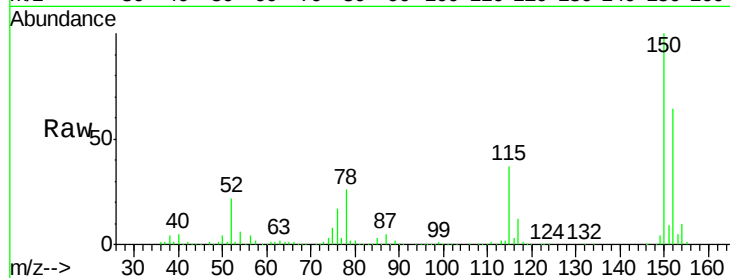
Tot Ion:152 Resp: 122014

Ion Ratio Lower Upper

152 100

115 60.6 43.5 130.5

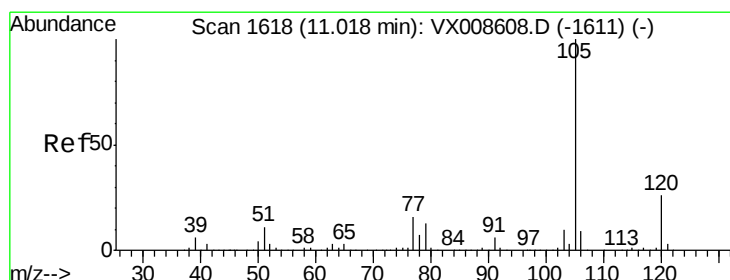
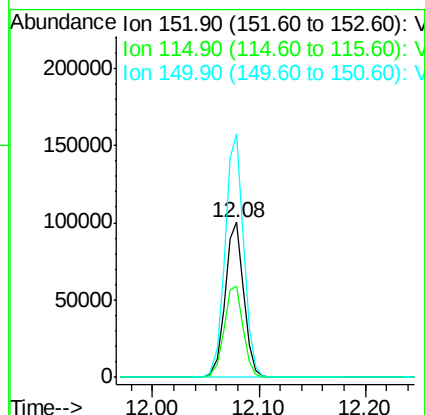
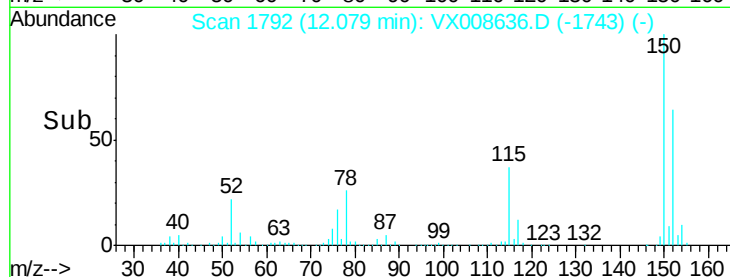
150 157.4 0.0 348.8



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



#73

Isopropylbenzene

Concen: 0.368 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008636.D

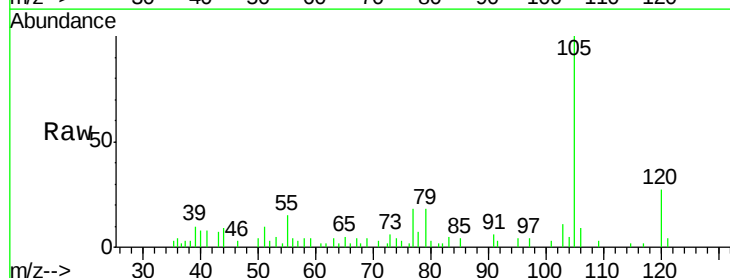
Acq: 04 Apr 2019 15:20

Tgt Ion:105 Resp: 3723

Ion Ratio Lower Upper

105 100

120 27.3 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

