

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006669.D
 Acq On : 20 Dec 2018 12:14
 Operator : JC/MD
 Sample : J6492-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

Quant Time: Dec 21 03:59:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

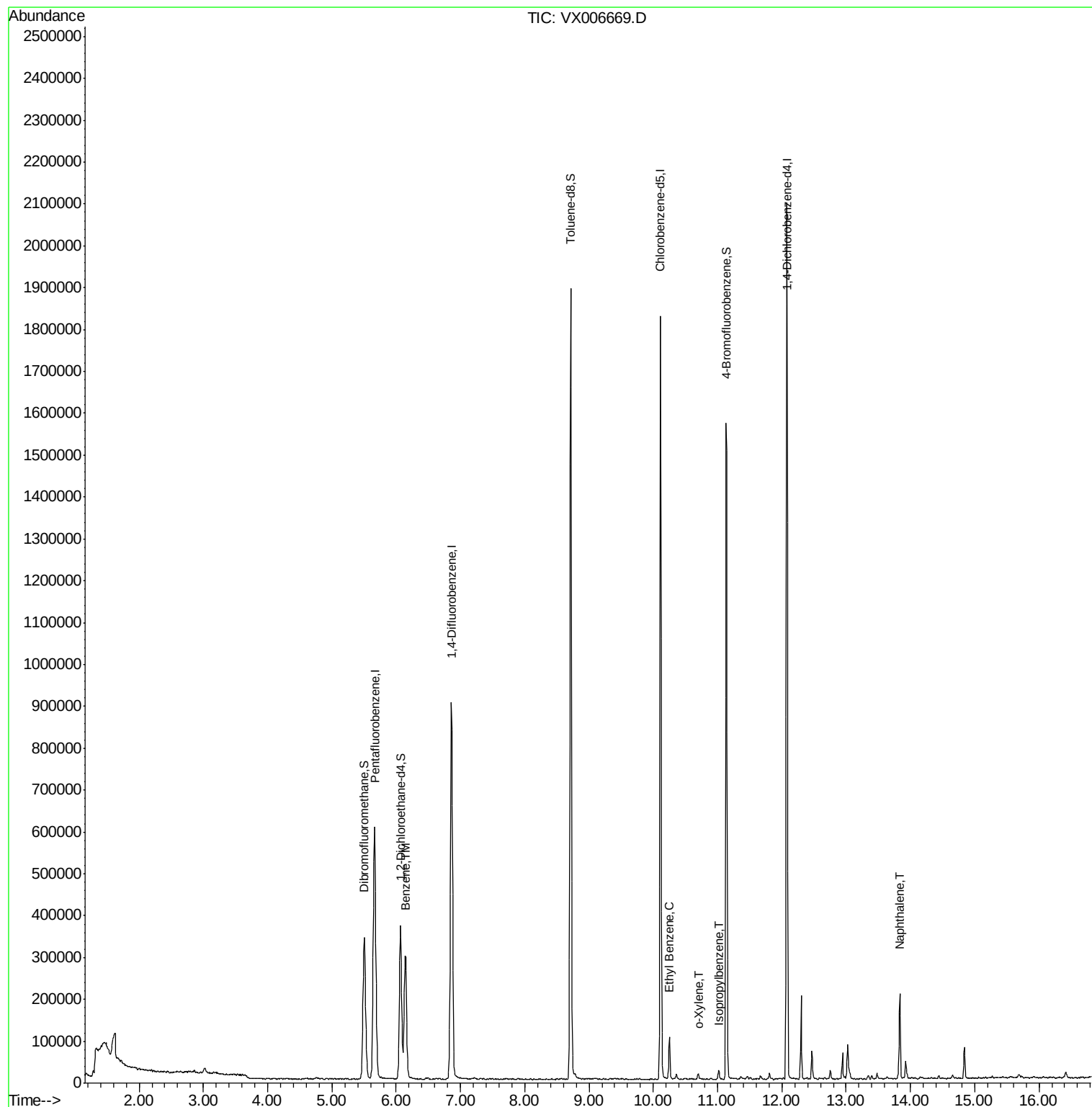
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	618717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	982404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	898635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	443665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	338969	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	5.50	113	291296	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	8.71	98	1149814	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	423133	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
Target Compounds						
40) Benzene	6.14	78	367327	14.852	ug/l	98
67) Ethyl Benzene	10.25	91	59251	1.907	ug/l	100
69) o-Xylene	10.70	106	3313	0.274	ug/l	93
73) Isopropylbenzene	11.02	105	11369	0.375	ug/l	99
95) Naphthalene	13.83	128	122906	3.774	ug/l	99

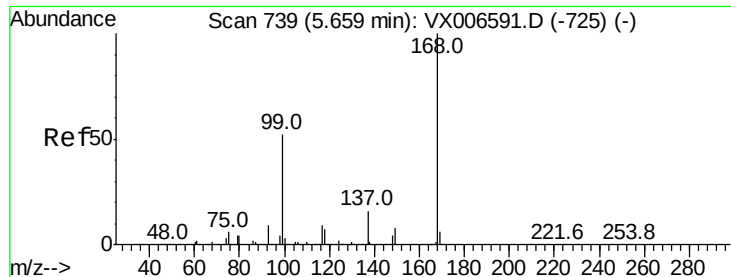
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006669.D

Acq: 20 Dec 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

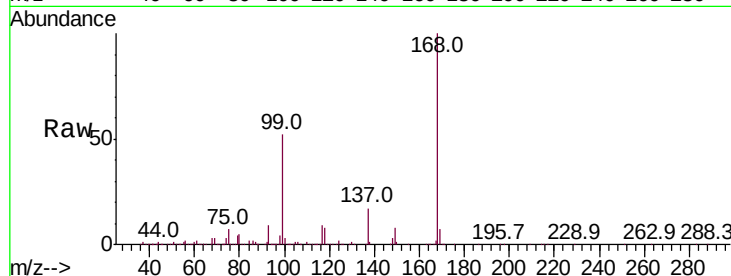
QNWP8-MW27S-GW

Tot Ion:168 Resp: 618717

Ion Ratio Lower Upper

168 100

99 52.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

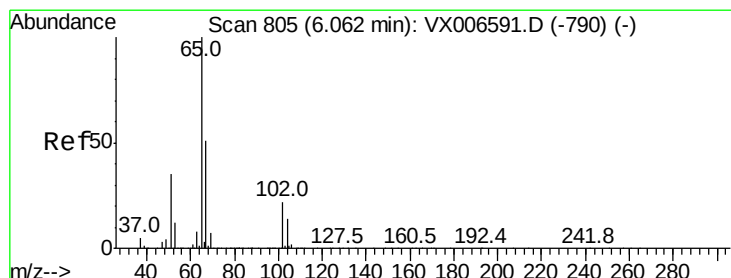
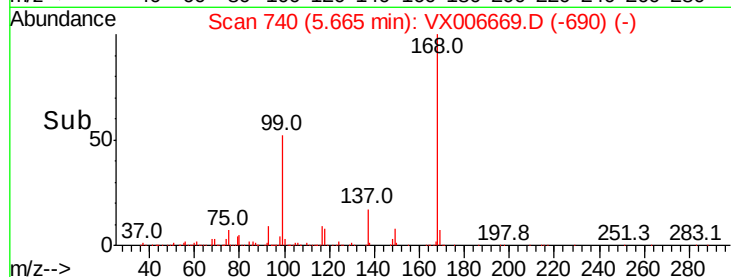
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.833 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006669.D

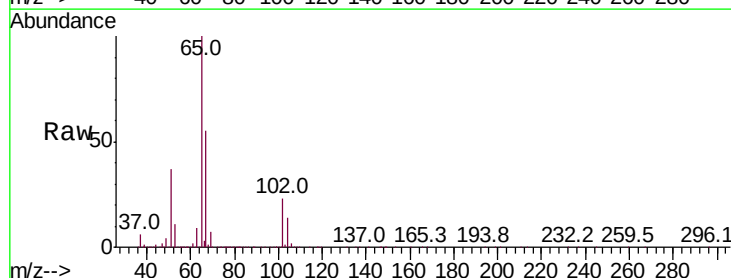
Acq: 20 Dec 2018 12:14

Tgt Ion: 65 Resp: 338969

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

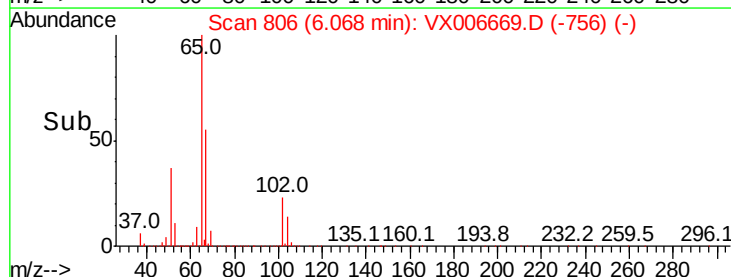
100000

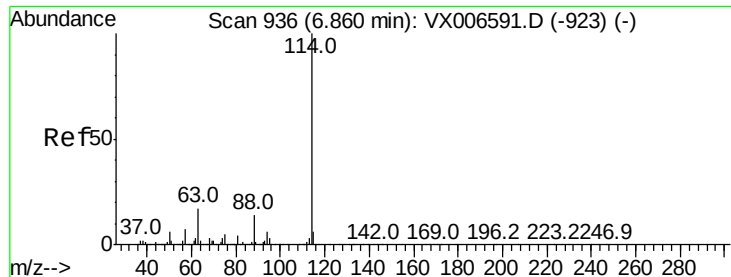
50000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006669.D

Acq: 20 Dec 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

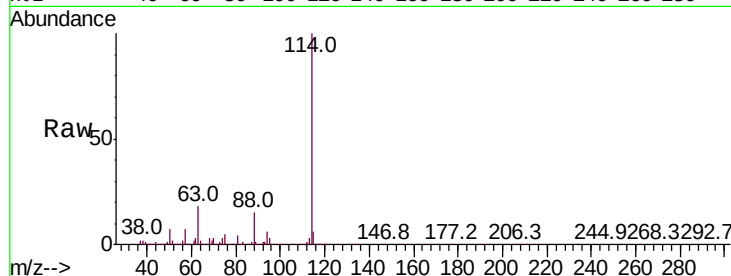
Tot Ion:114 Resp: 982404

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

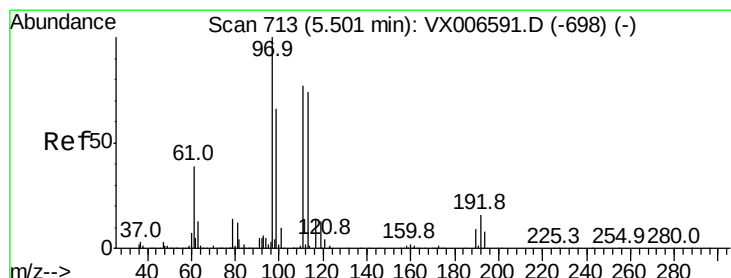
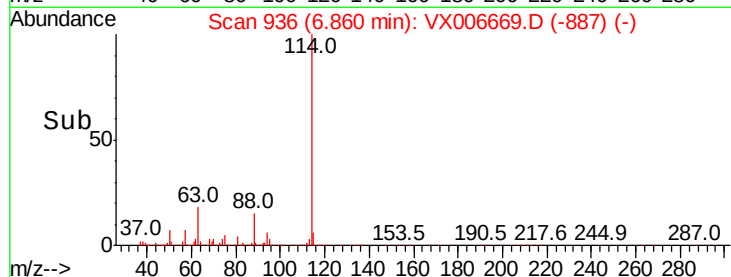
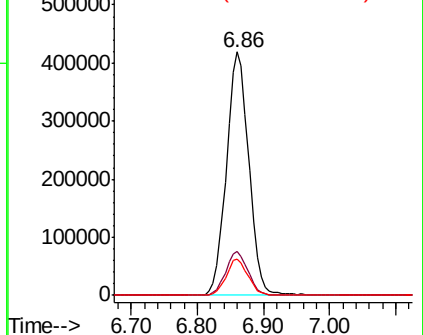
88 14.9 0.0 28.8



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: 46.888 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006669.D

Acq: 20 Dec 2018 12:14

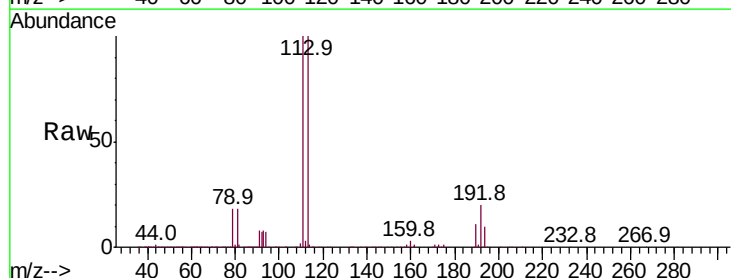
Tgt Ion:113 Resp: 291296

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

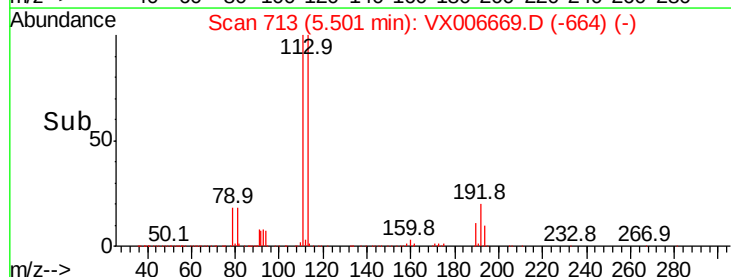
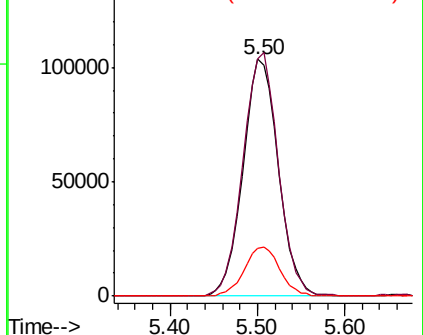
192 21.0 16.7 25.1

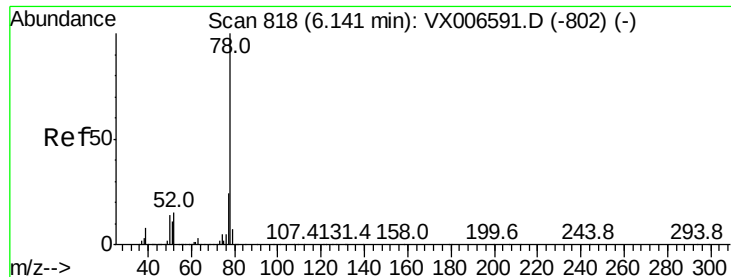


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 14.852 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX006669.D

Acq: 20 Dec 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

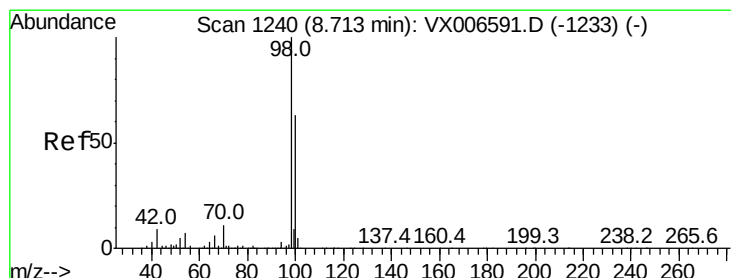
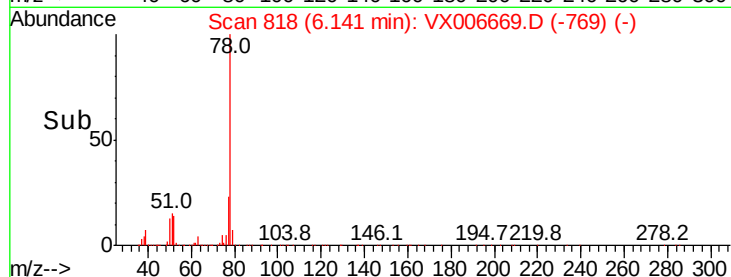
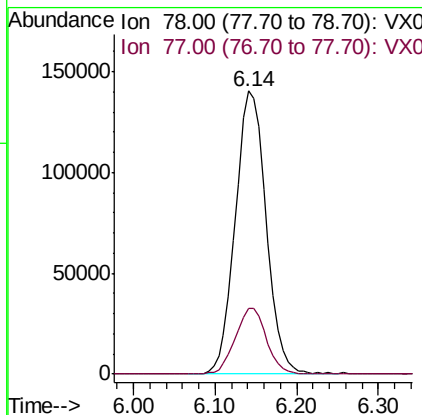
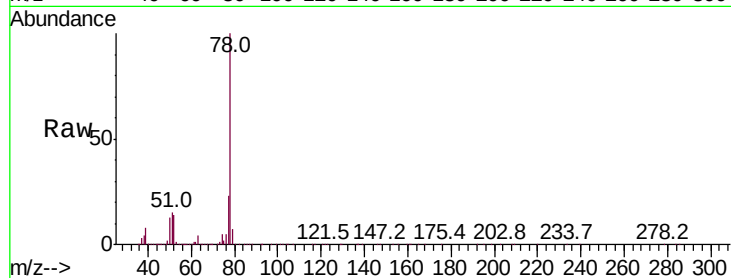
QNWP8-MW27S-GW

Tot Ion: 78 Resp: 367327

Ion Ratio Lower Upper

78 100

77 23.1 19.2 28.8



#50

Toluene-d8

Concen: 49.092 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006669.D

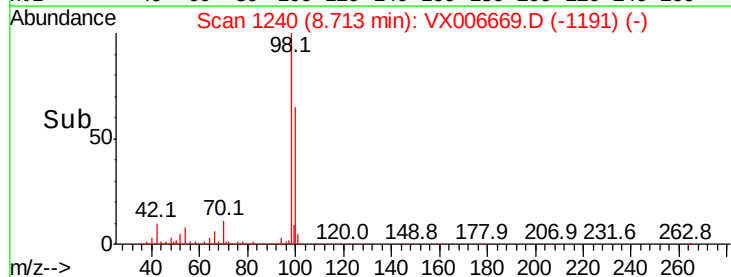
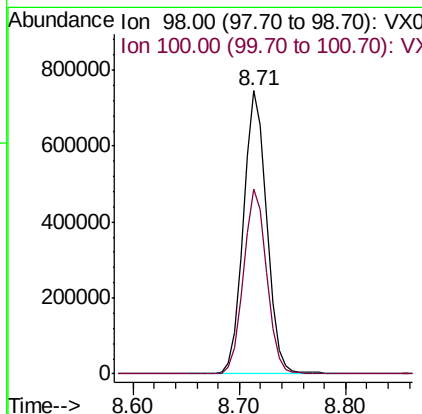
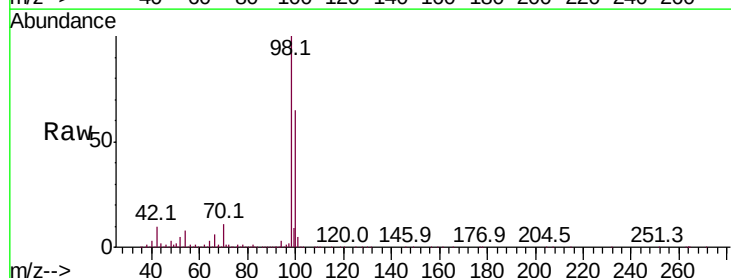
Acq: 20 Dec 2018 12:14

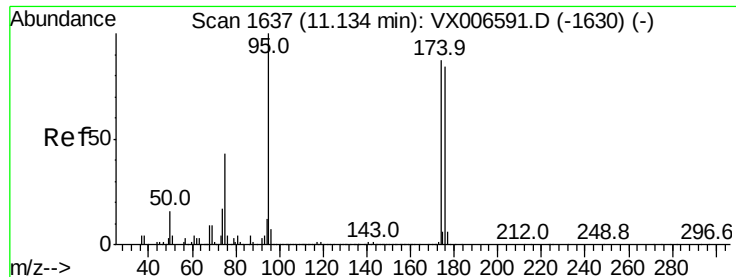
Tgt Ion: 98 Resp: 1149814

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.328 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006669.D

Acq: 20 Dec 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

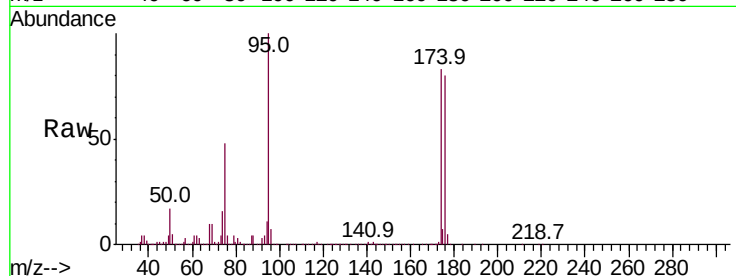
Tot Ion: 95 Resp: 423133

Ion Ratio Lower Upper

95 100

174 86.5 0.0 182.2

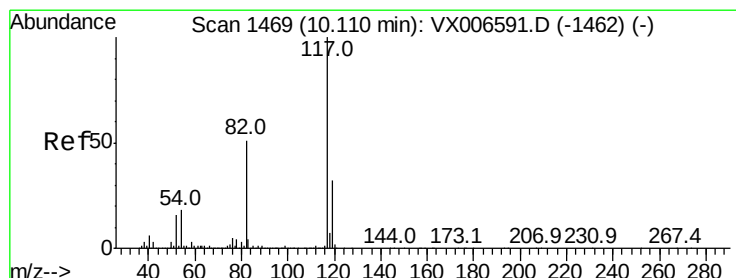
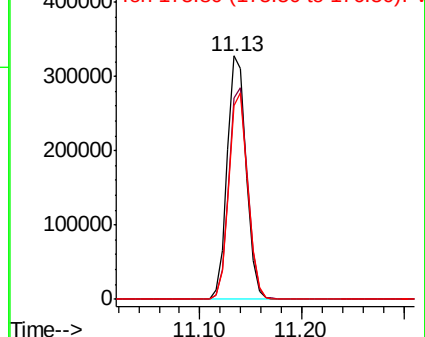
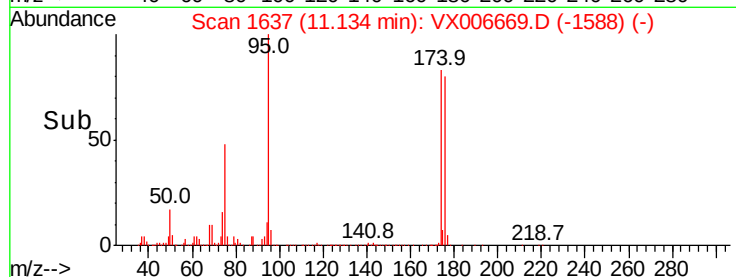
176 84.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006669.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006669.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006669.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX006669.D

Acq: 20 Dec 2018 12:14

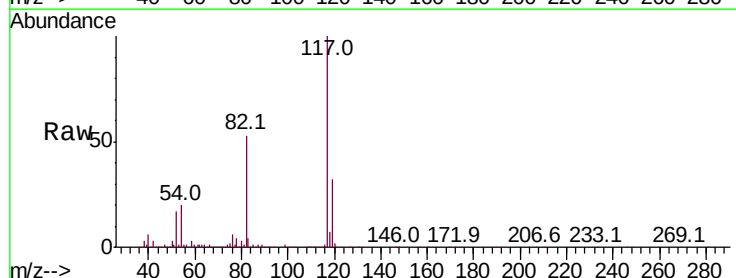
Tgt Ion: 117 Resp: 898635

Ion Ratio Lower Upper

117 100

82 53.4 41.0 61.6

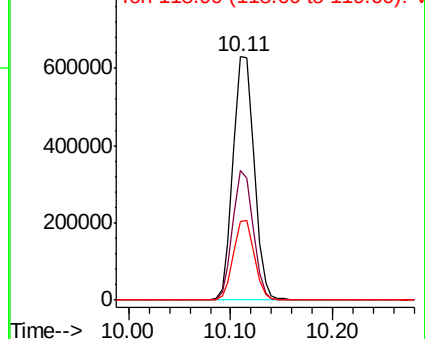
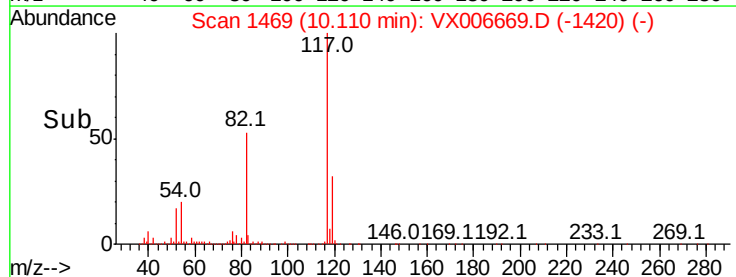
119 32.3 25.4 38.0

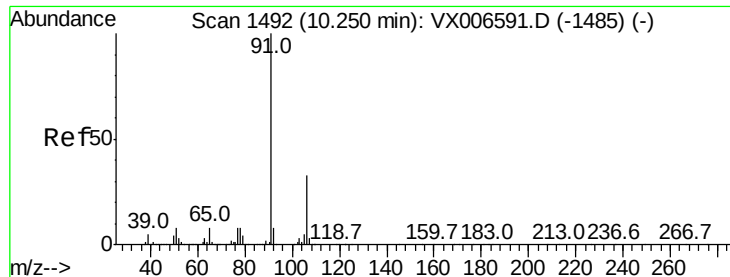


Abundance Ion 116.90 (116.60 to 117.60): VX006669.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006669.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006669.D (-1420) (-)





#67

Ethyl Benzene

Concen: 1.907 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006669.D

Acq: 20 Dec 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

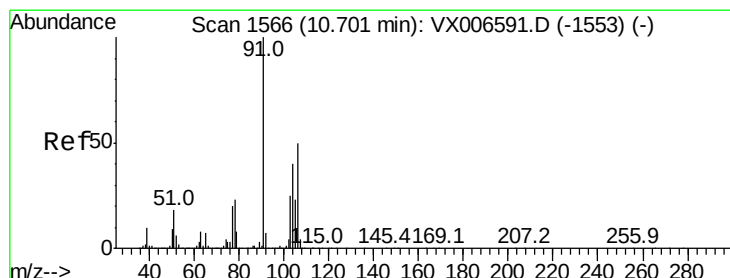
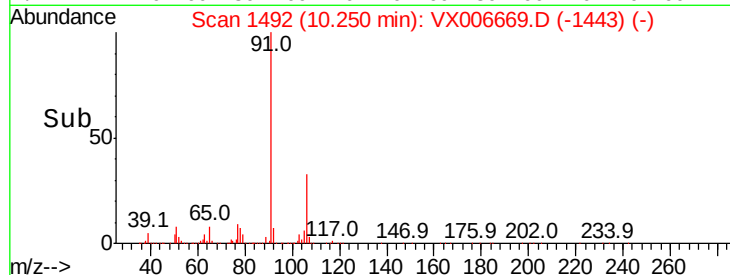
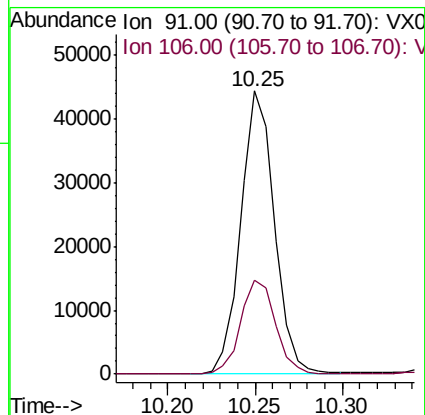
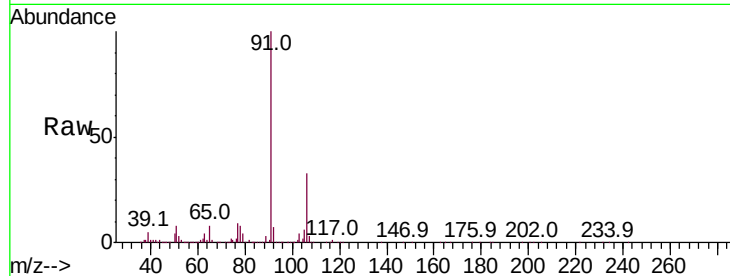
QNWP8-MW27S-GW

Tot Ion: 91 Resp: 59251

Ion Ratio Lower Upper

91 100

106 33.0 26.4 39.6



#69

o-Xylene

Concen: 0.274 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006669.D

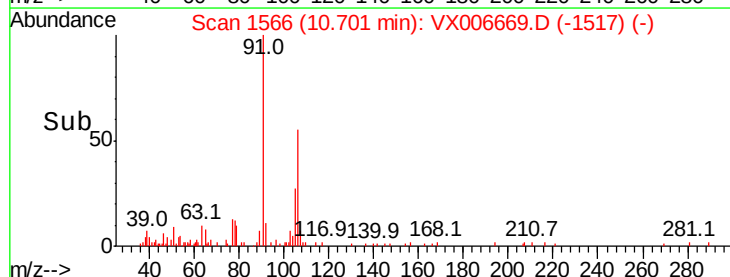
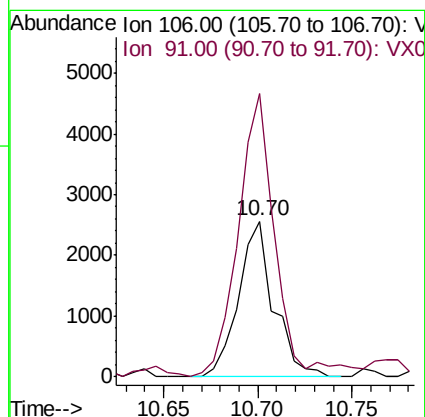
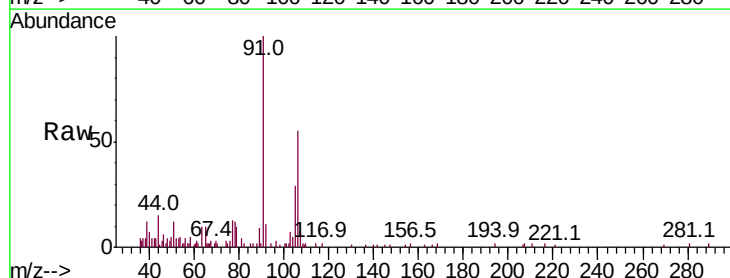
Acq: 20 Dec 2018 12:14

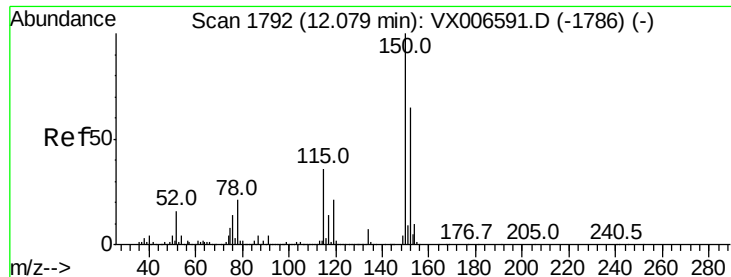
Tgt Ion: 106 Resp: 3313

Ion Ratio Lower Upper

106 100

91 192.2 101.3 303.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006669.D

Acq: 20 Dec 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

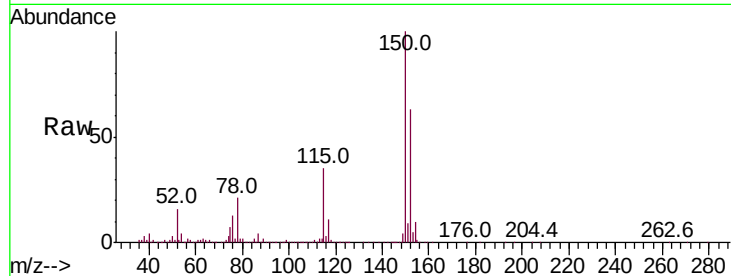
Tot Ion:152 Resp: 443665

Ion Ratio Lower Upper

152 100

115 56.2 39.1 117.2

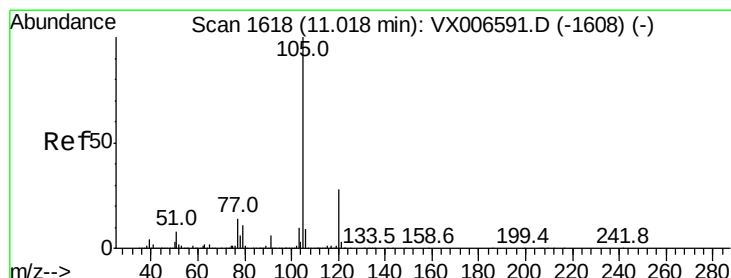
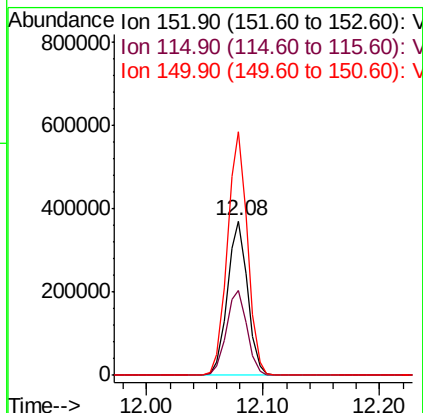
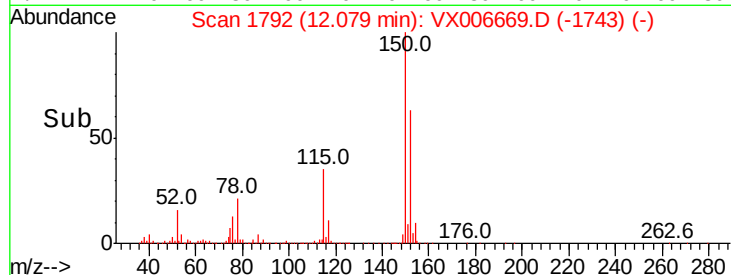
150 157.0 0.0 344.8



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: 0.375 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006669.D

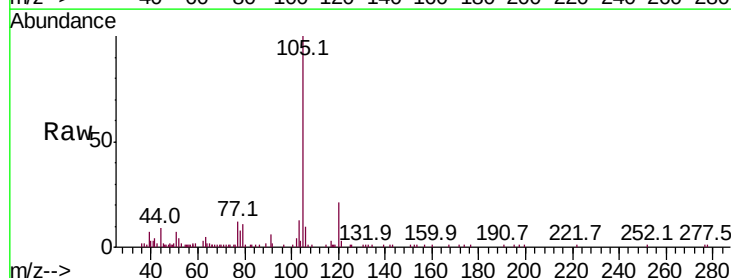
Acq: 20 Dec 2018 12:14

Tgt Ion:105 Resp: 11369

Ion Ratio Lower Upper

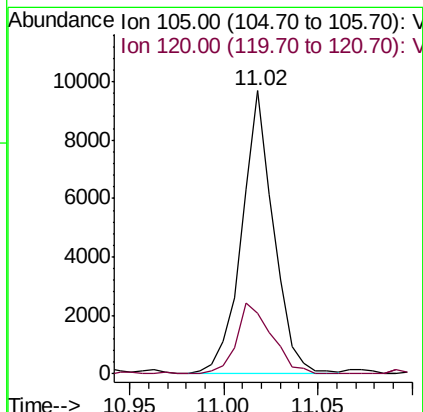
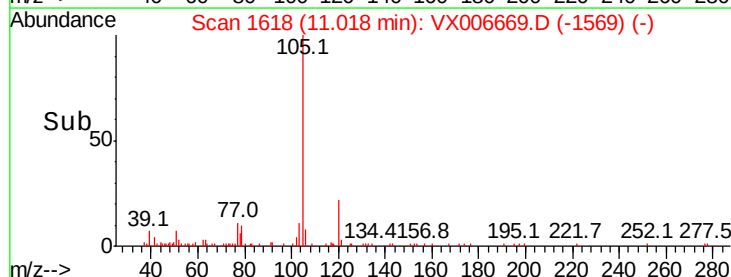
105 100

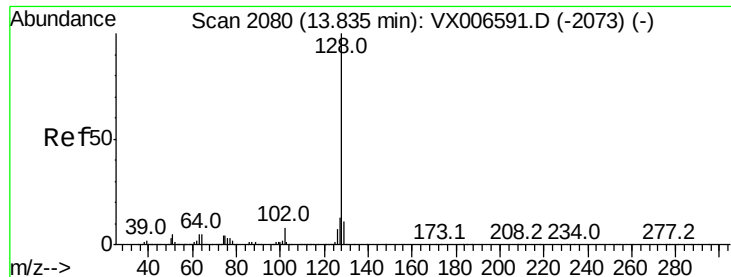
120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

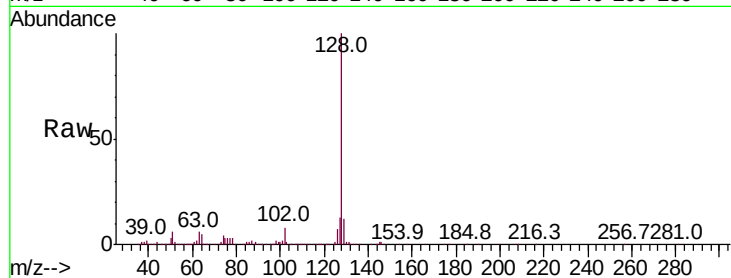




#95
Naphthalene
Concen: 3.774 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006669.D
Acq: 20 Dec 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	11.1	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

