

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006058.D
 Acq On : 16 Nov 2018 18:55
 Operator : JC/MD
 Sample : J5968-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-111418

Quant Time: Nov 17 02:52:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

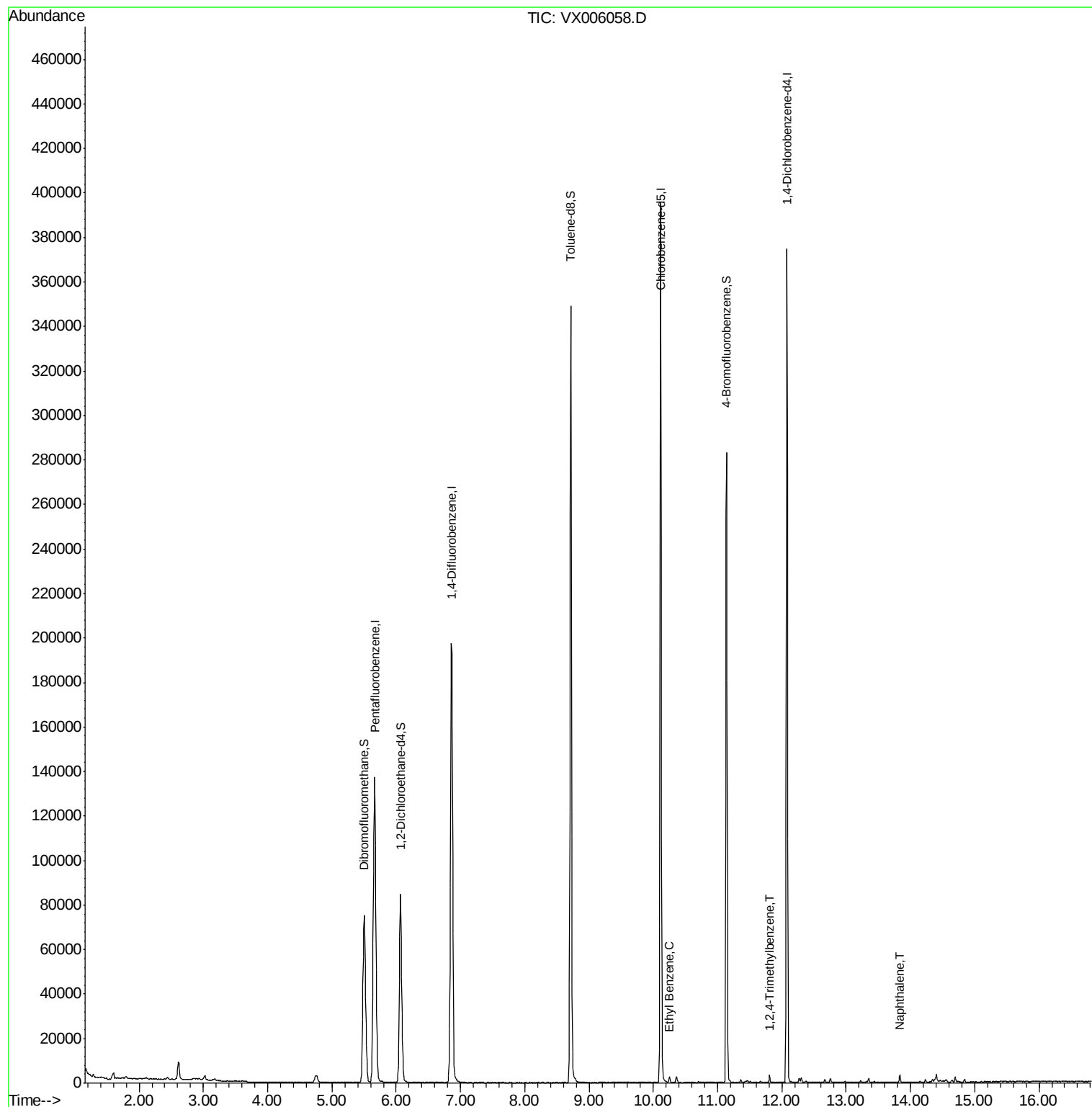
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	138553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	207159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	79181	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
35) Dibromofluoromethane	5.50	113	66169	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	8.71	98	212799	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.14	95	72362	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
Target Compounds						
67) Ethyl Benzene	10.25	91	1549	0.265	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	1699	0.281	ug/l	100
95) Naphthalene	13.83	128	2430	1.598	ug/l	100

(#) = 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: VX006058.D

Acq: 16 Nov 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

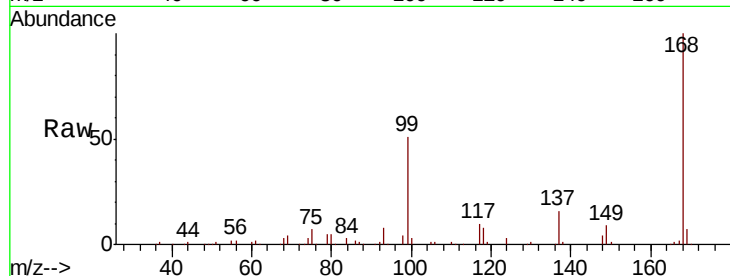
MW-3-111418

Tot Ion:168 Resp: 138553

Ion Ratio Lower Upper

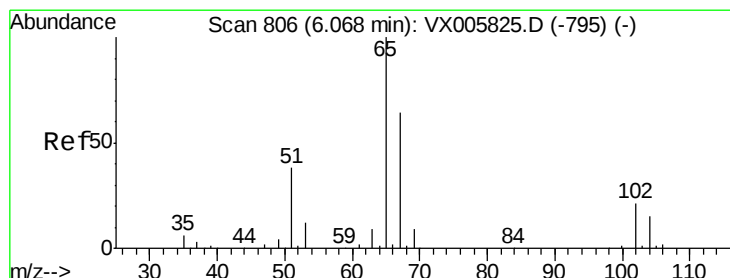
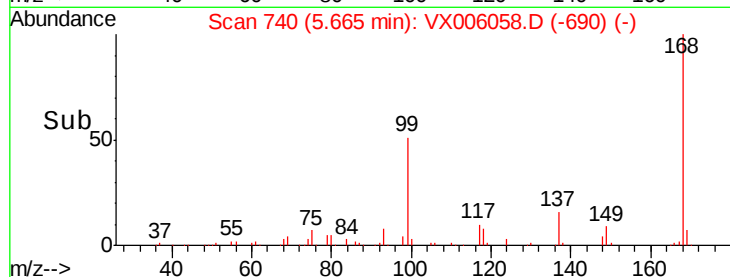
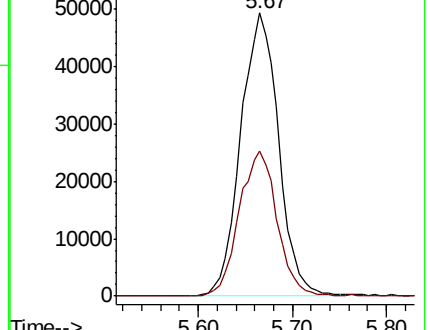
168 100

99 51.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005825.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005825.D (-727) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.710 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX006058.D

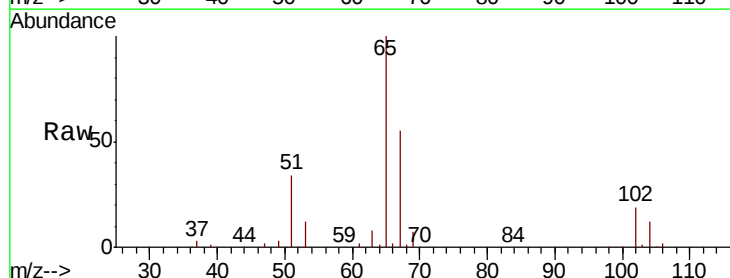
Acq: 16 Nov 2018 18:55

Tgt Ion: 65 Resp: 79181

Ion Ratio Lower Upper

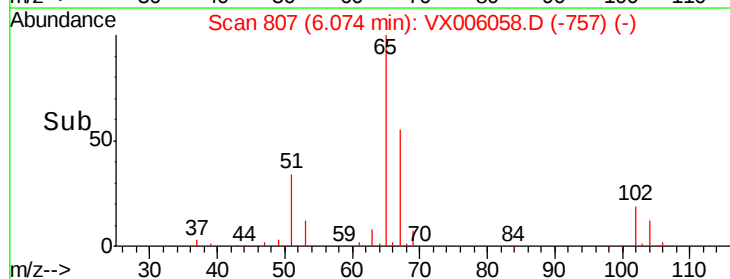
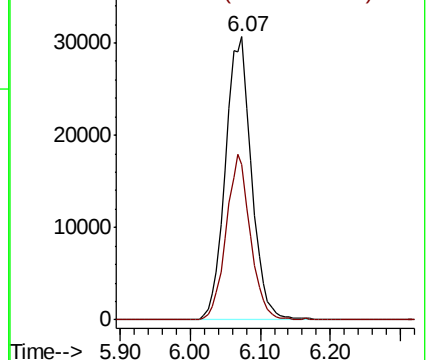
65 100

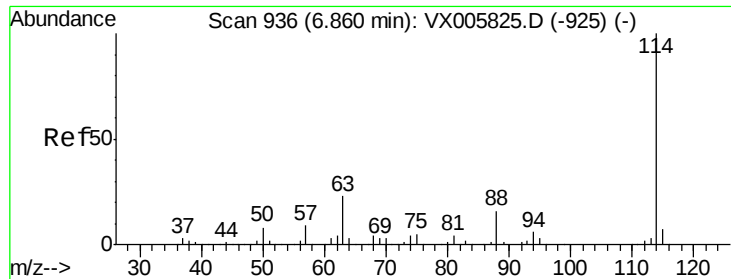
67 54.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX005825.D (-795) (-)

Ion 66.90 (66.60 to 67.60): VX005825.D (-795) (-)

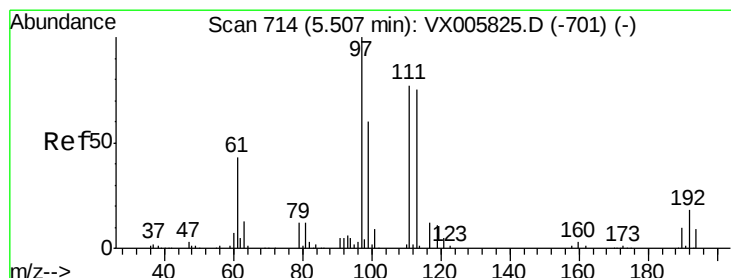
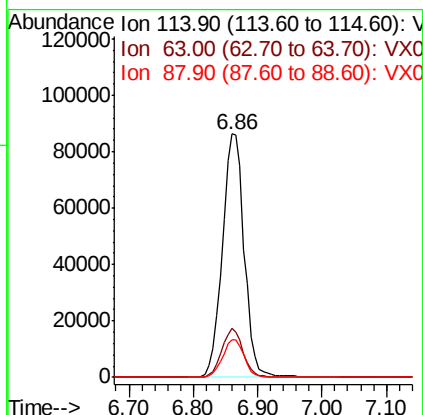
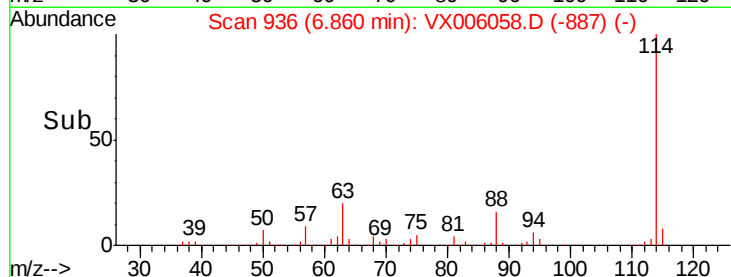
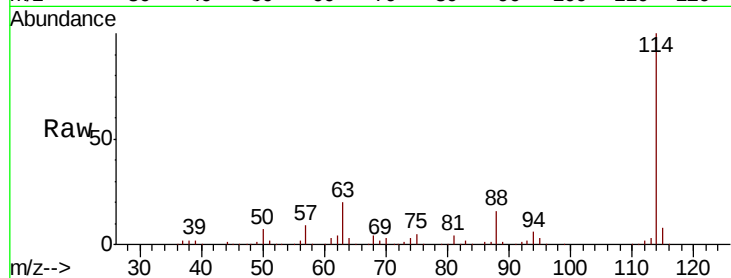




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006058.D
 Acq: 16 Nov 2018 18:55

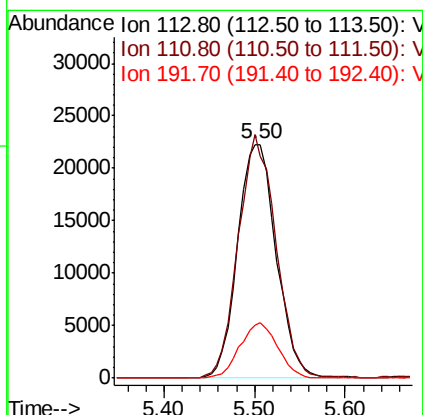
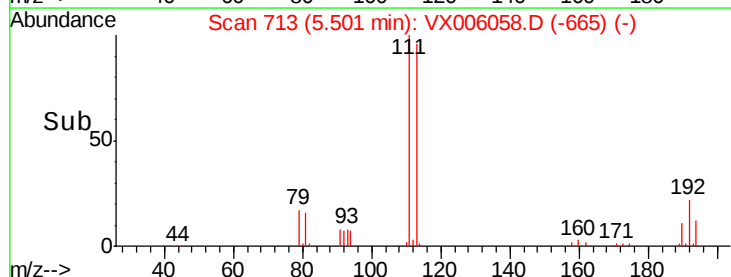
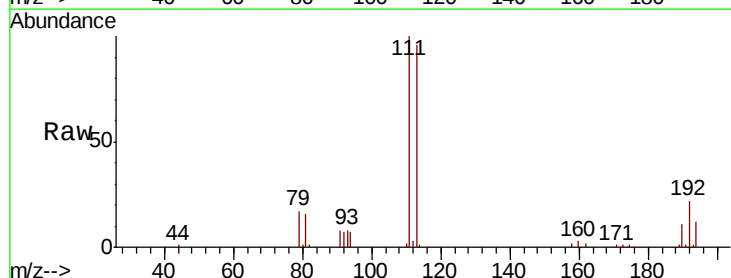
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-111418

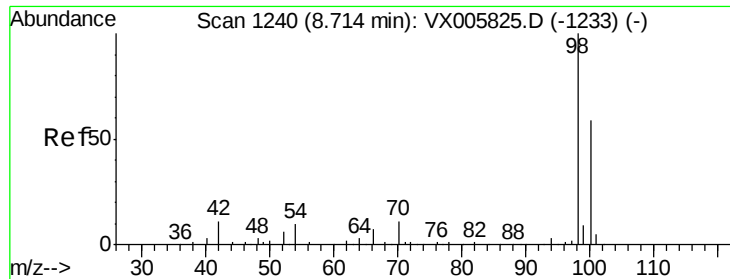
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.8
88	15.6	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 46.962 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX006058.D
 Acq: 16 Nov 2018 18:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.3	123.5
192	23.0	17.9	26.9





#50

Toluene-d8

Concen: 45.428 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006058.D

Acq: 16 Nov 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

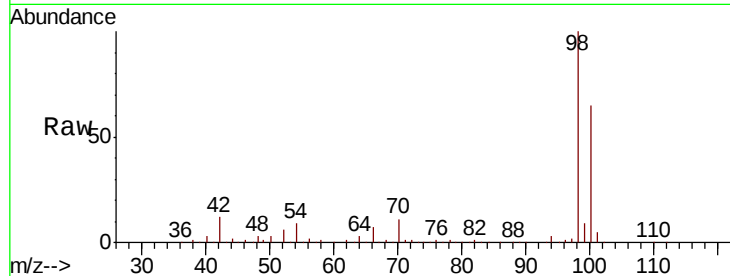
MW-3-111418

Tot Ion: 98 Resp: 212799

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

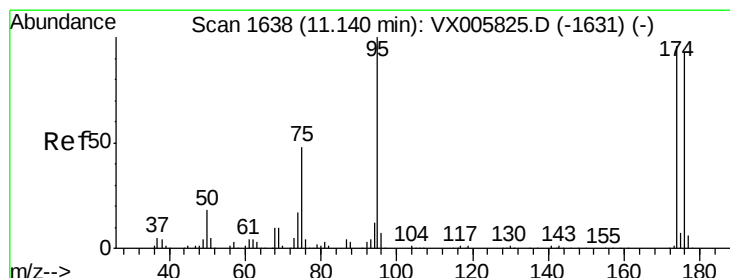
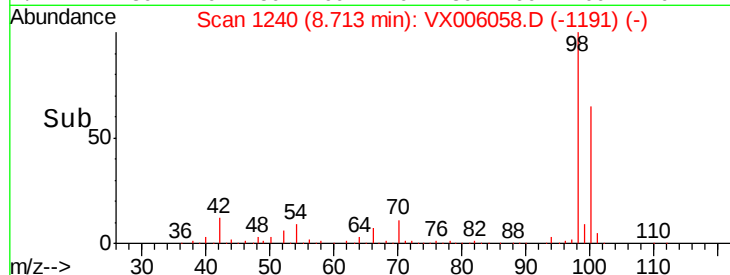
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.966 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006058.D

Acq: 16 Nov 2018 18:55

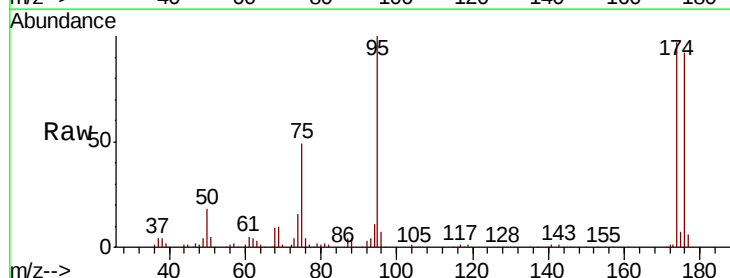
Tgt Ion: 95 Resp: 72362

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.4

176 88.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

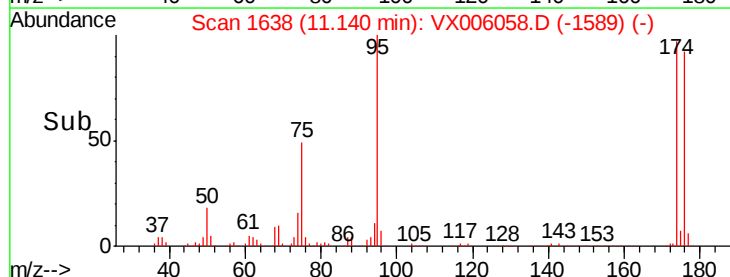
60000

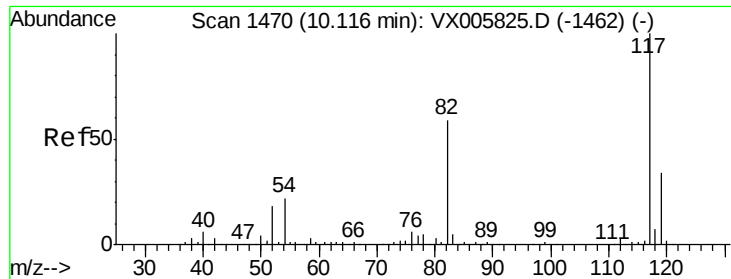
40000

20000

0

Time-->

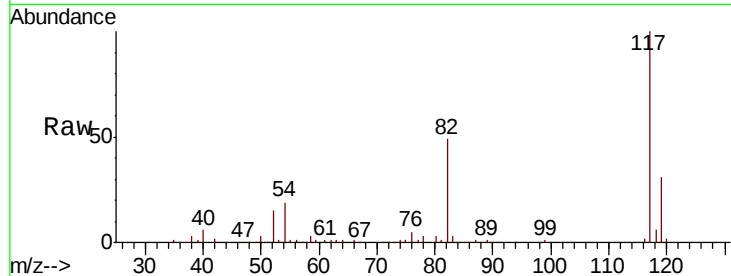




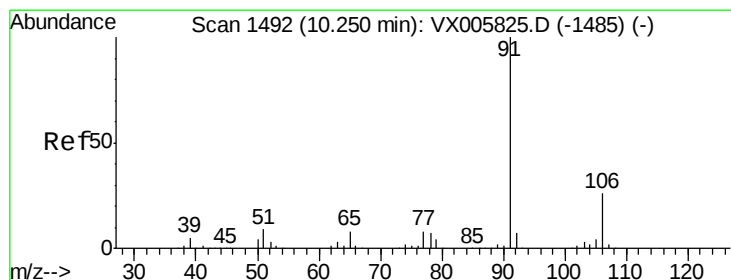
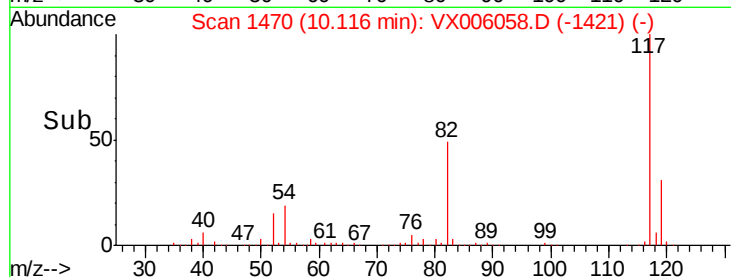
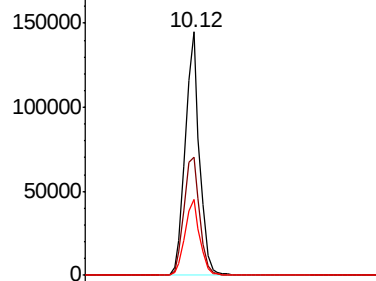
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006058.D
Acq: 16 Nov 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
MW-3-111418

Tot Ion:117 Resp: 181862
Ion Ratio Lower Upper
117 100
82 48.5 44.1 66.1
119 31.0 26.2 39.2

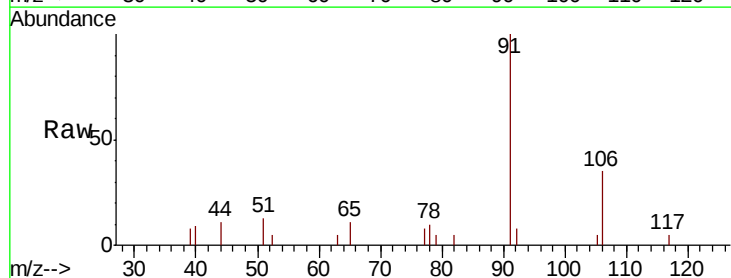


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

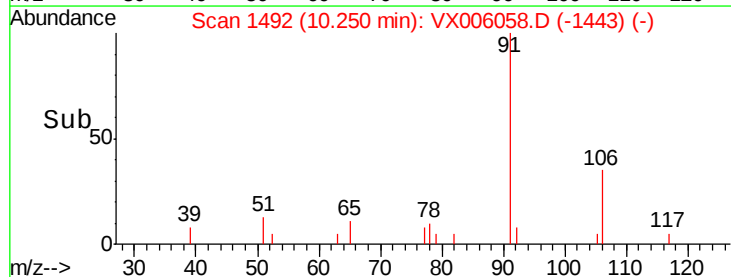
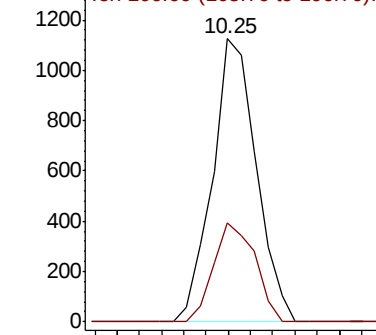


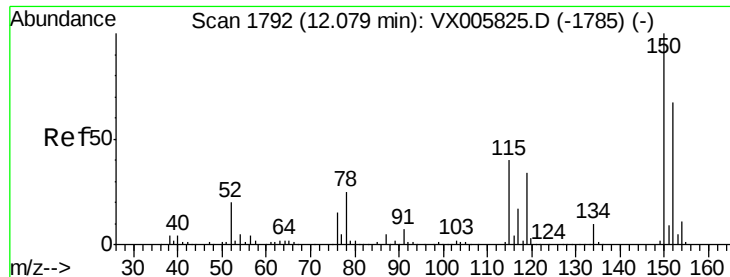
#67
Ethyl Benzene
Concen: 0.265 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006058.D
Acq: 16 Nov 2018 18:55

Tgt Ion: 91 Resp: 1549
Ion Ratio Lower Upper
91 100
106 34.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006058.D

Acq: 16 Nov 2018 18:55

Instrument :

MSVOA_X

ClientSampled :

MW-3-111418

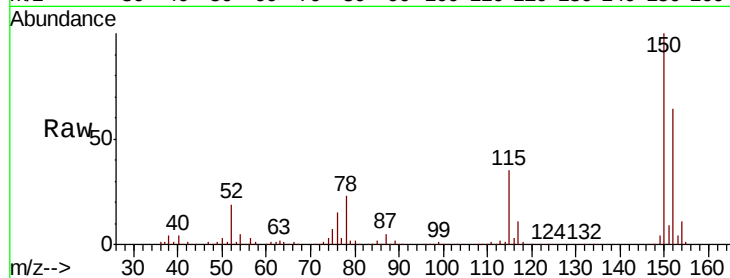
Tot Ion:152 Resp: 78361

Ion Ratio Lower Upper

152 100

115 55.1 39.4 118.1

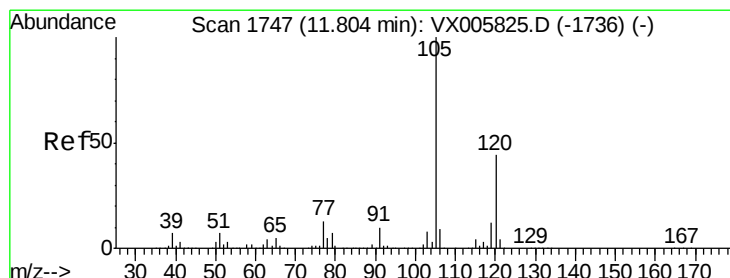
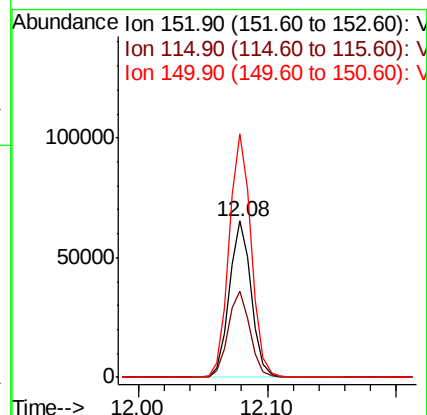
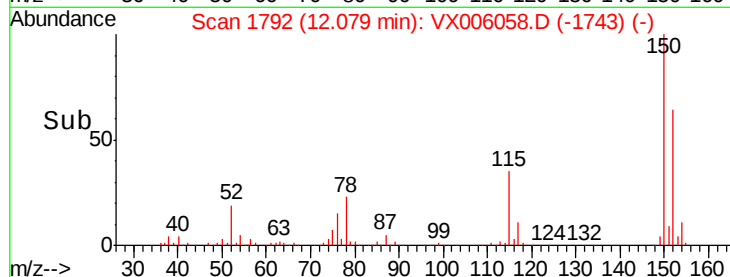
150 157.1 0.0 346.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.281 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006058.D

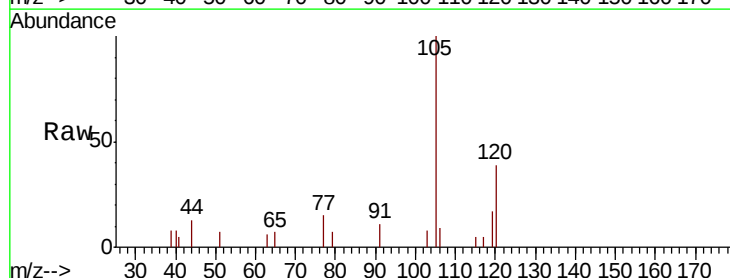
Acq: 16 Nov 2018 18:55

Tgt Ion:105 Resp: 1699

Ion Ratio Lower Upper

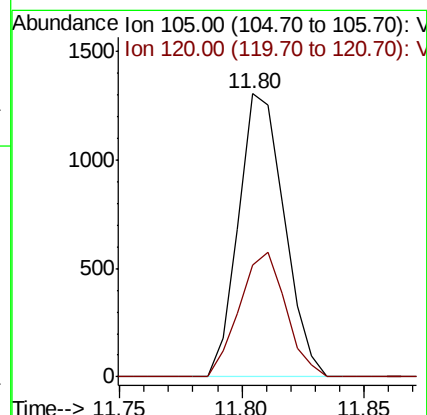
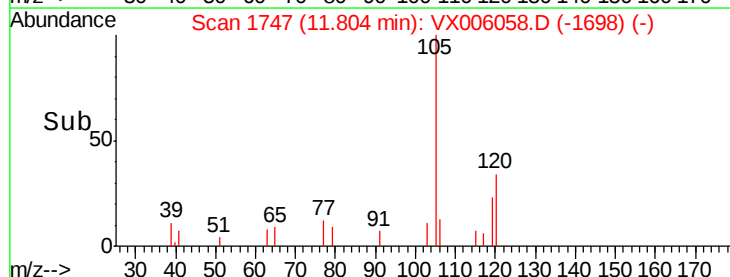
105 100

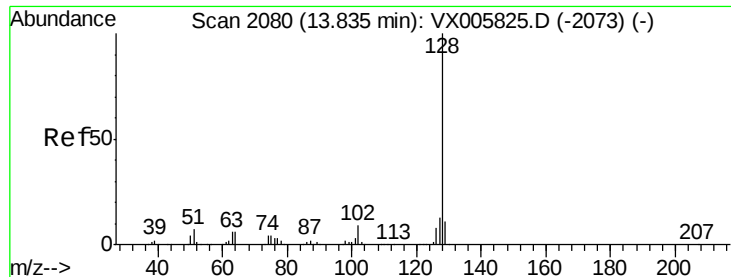
120 44.7 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

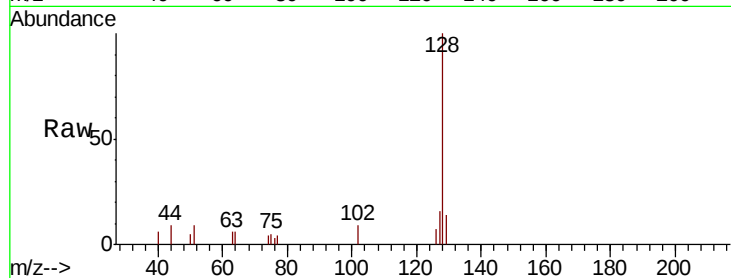




#95
 Naphthalene
 Concen: 1.598 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006058.D
 Acq: 16 Nov 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-111418

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1



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

