

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010366.D
 Acq On : 20 Jun 2019 18:45
 Operator : JC/SP
 Sample : K3469-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-2-8.0-062019

Quant Time: Jun 21 02:23:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

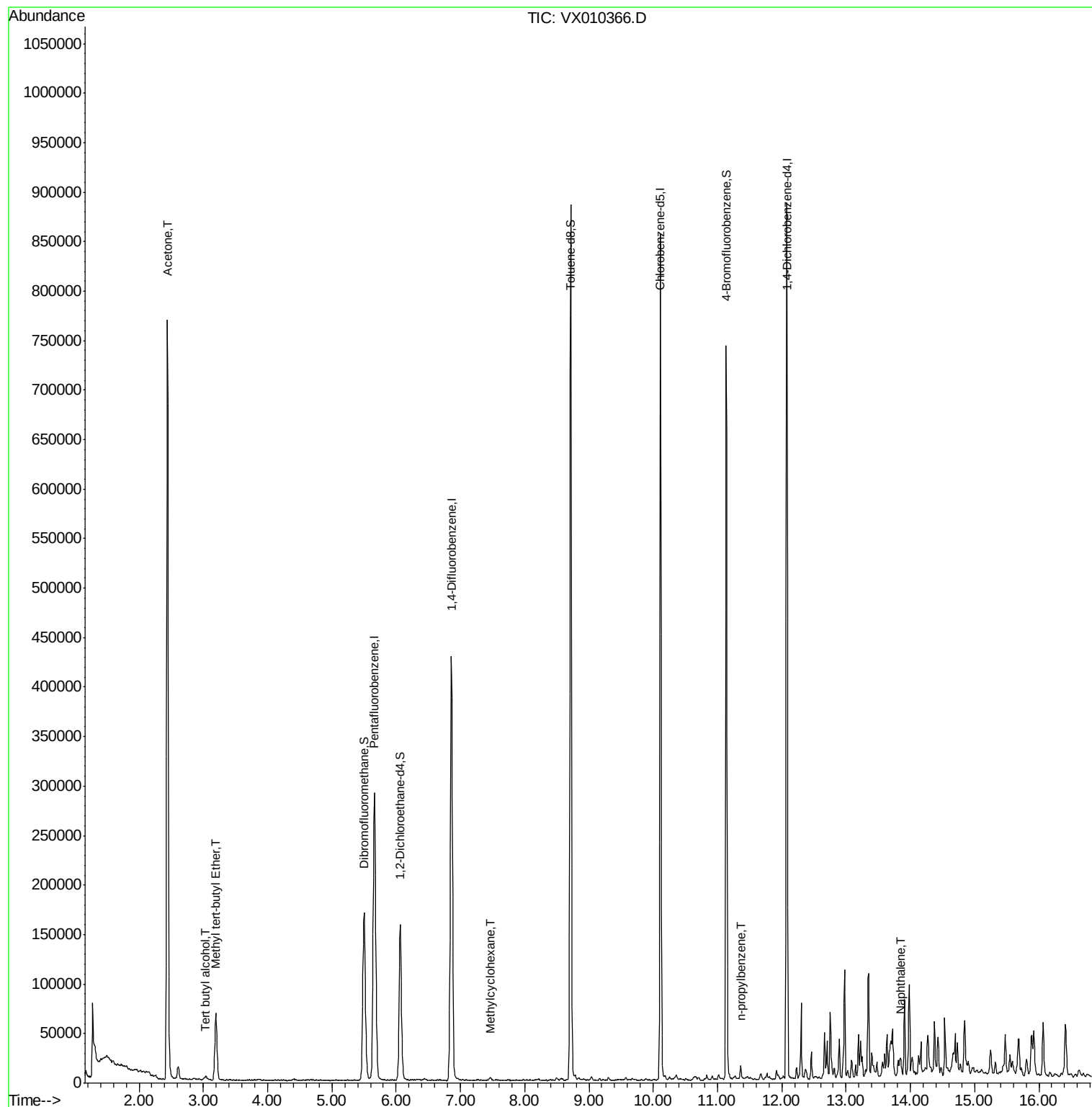
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141322	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	5.50	113	144187	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	8.71	98	547350	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	186819	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	4899	6.481	ug/l	96
16) Acetone	2.44	43	780415	539.008	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	81362	9.684	ug/l	98
39) Methylcyclohexane	7.46	83	1388	0.283	ug/l	91
78) n-propylbenzene	11.36	91	8624	0.577	ug/l	97
95) Naphthalene	13.83	128	10843	0.772	ug/l #	87

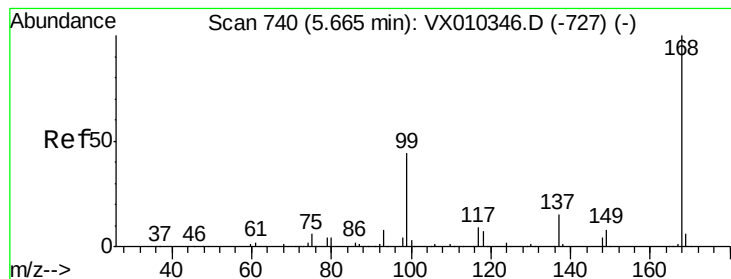
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010366.D

Acq: 20 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

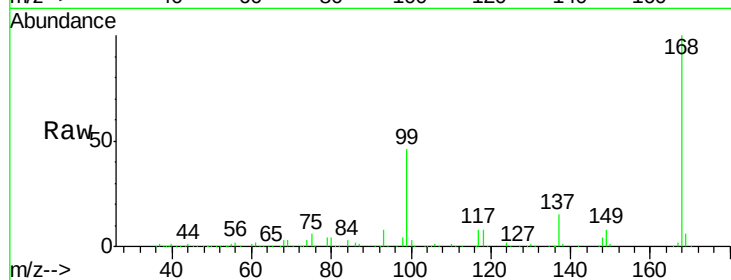
T11-MW-2-8.0-062019

Tot Ion:168 Resp: 308126

Ion Ratio Lower Upper

168 100

99 46.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

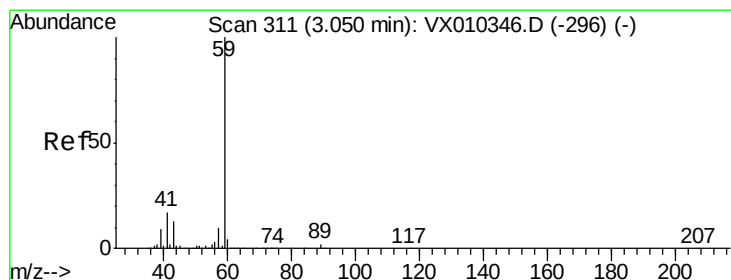
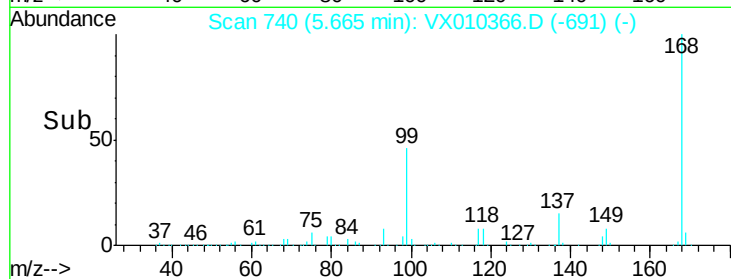
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 6.481 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010366.D

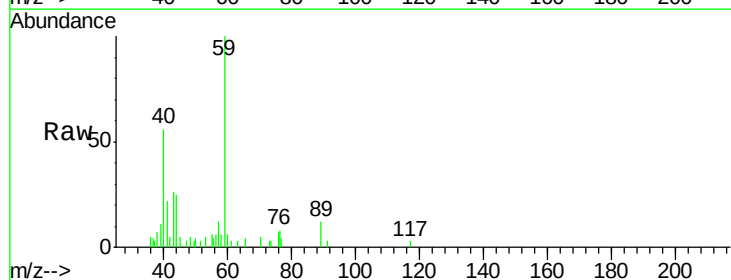
Acq: 20 Jun 2019 18:45

Tgt Ion: 59 Resp: 4899

Ion Ratio Lower Upper

59 100

57 11.1 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

8000

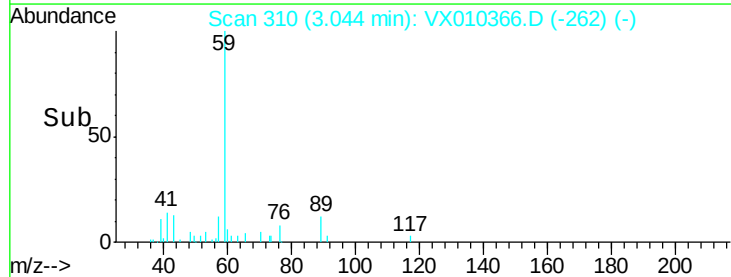
6000

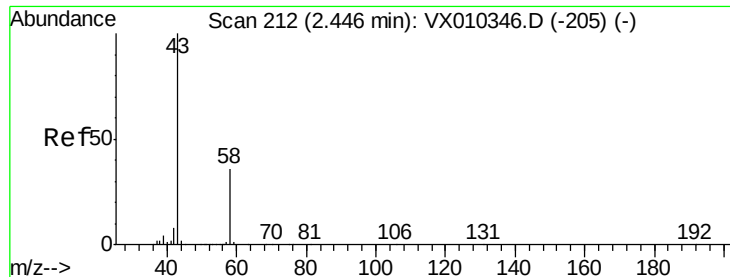
4000

2000

0

Time--> 3.00 3.10





#16

Acetone

Concen: 539.008 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010366.D

Acq: 20 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

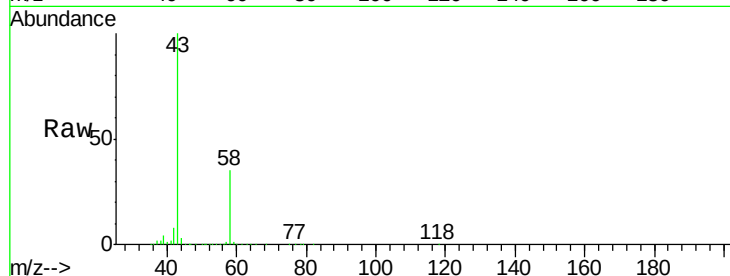
T11-MW-2-8.0-062019

Tot Ion: 43 Resp: 780415

Ion Ratio Lower Upper

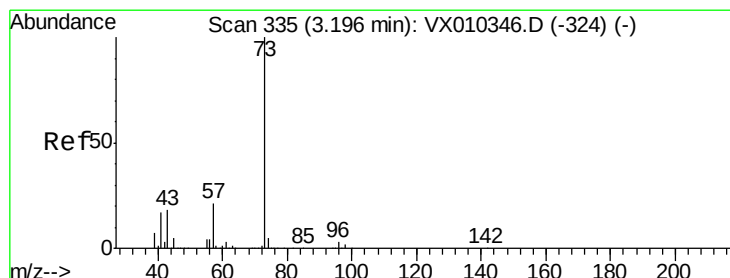
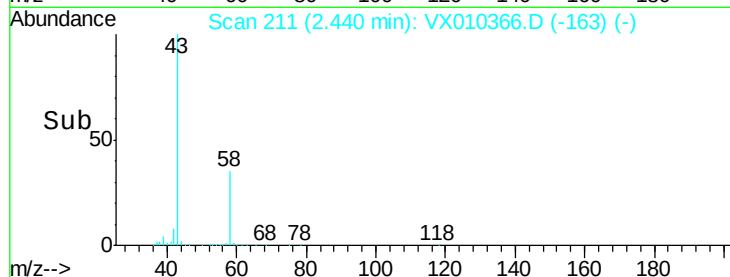
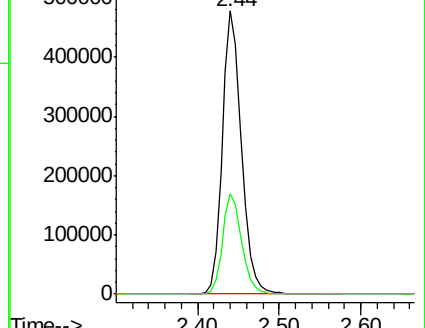
43 100

58 35.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 9.684 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX010366.D

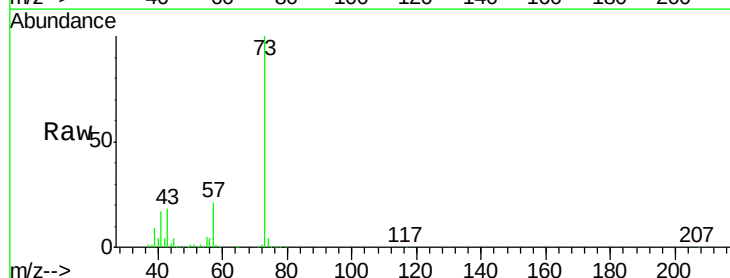
Acq: 20 Jun 2019 18:45

Tgt Ion: 73 Resp: 81362

Ion Ratio Lower Upper

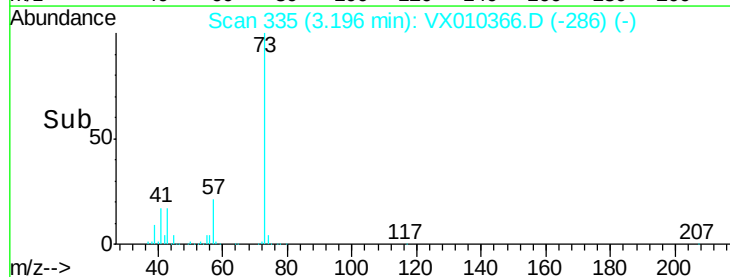
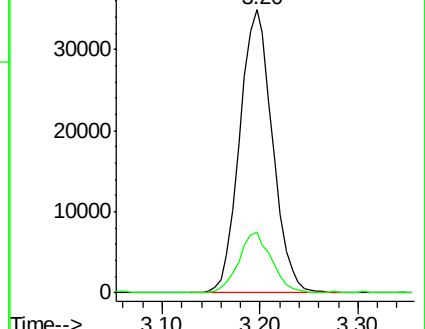
73 100

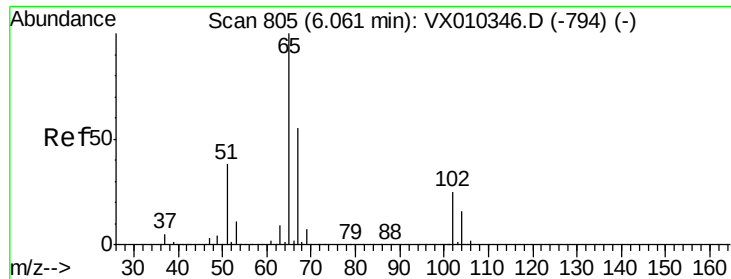
57 21.3 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

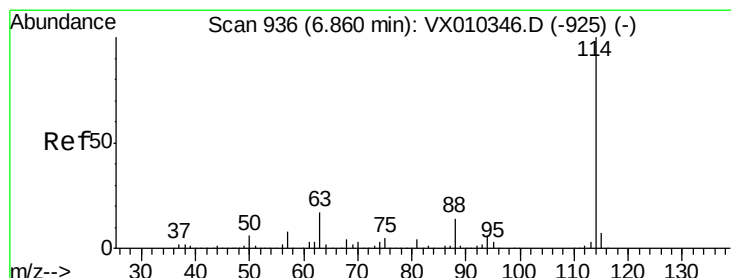
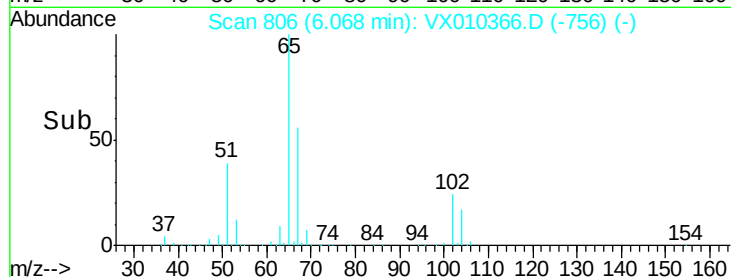
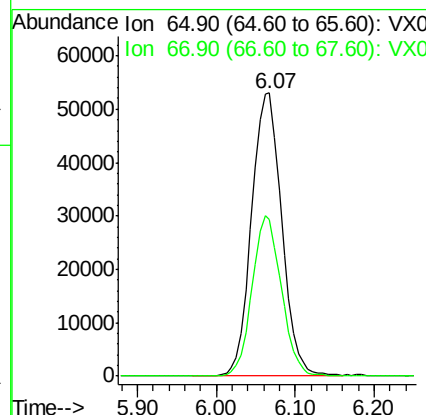
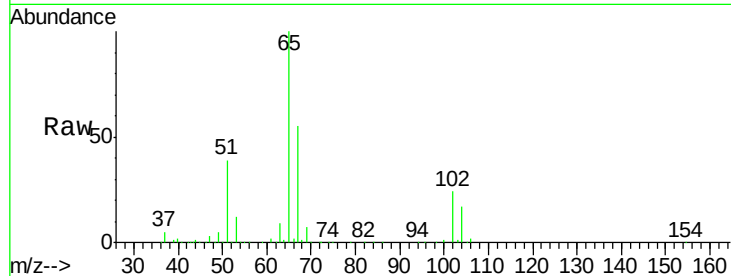




#33
 1,2-Dichloroethane-d4
 Concen: 48.917 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010366.D
 Acq: 20 Jun 2019 18:45

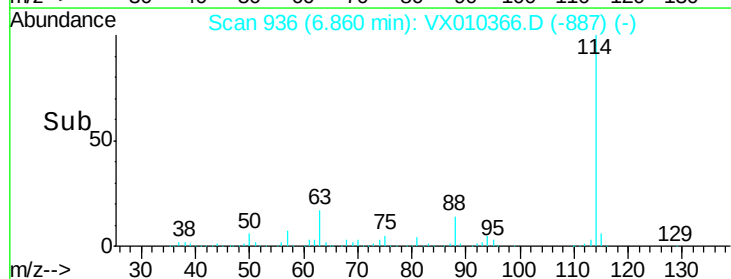
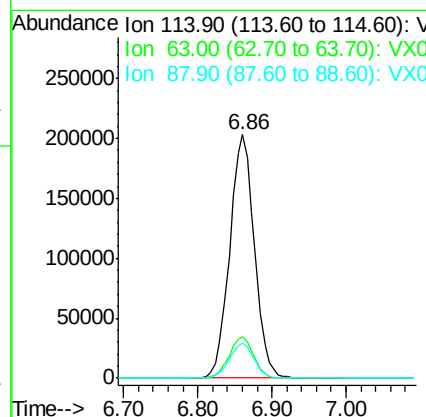
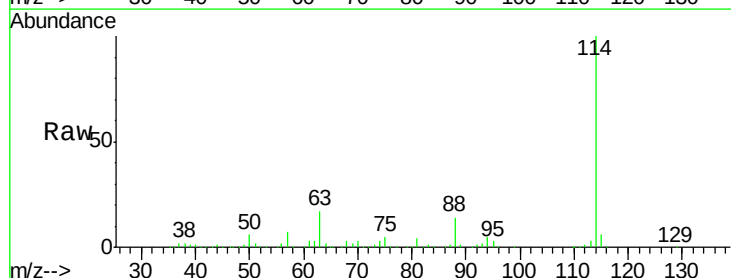
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-2-8.0-062019

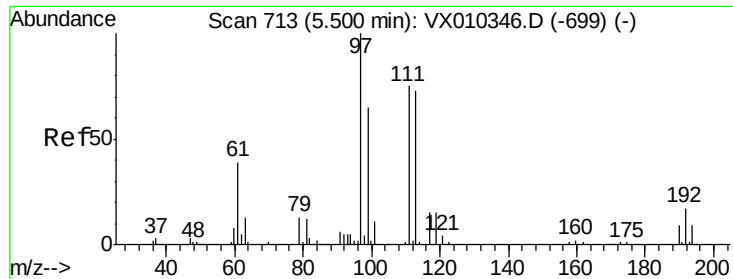
Tot Ion: 65 Resp: 141322
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010366.D
 Acq: 20 Jun 2019 18:45

Tgt Ion: 114 Resp: 469609
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.8
 88 14.4 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.183 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010366.D

Acq: 20 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-2-8.0-062019

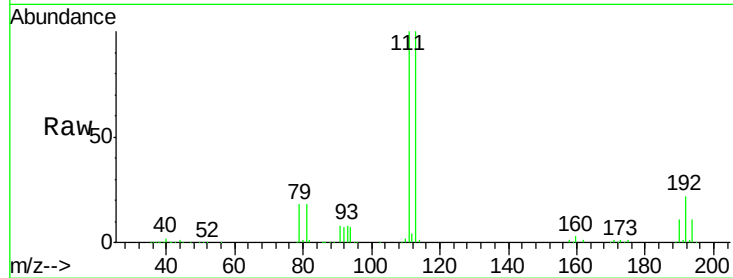
Tot Ion:113 Resp: 144187

Ion Ratio Lower Upper

113 100

111 100.8 81.2 121.8

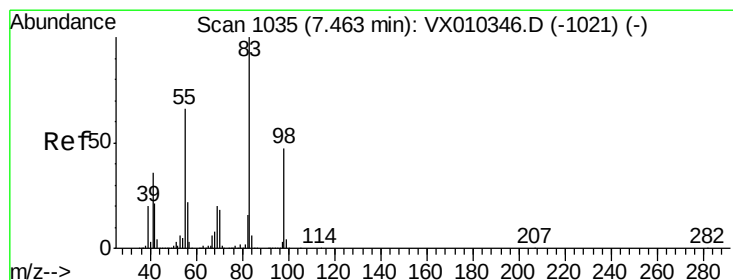
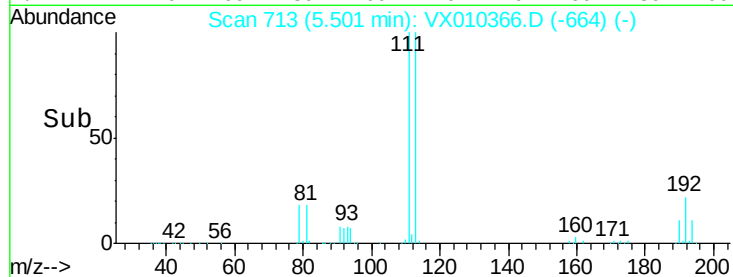
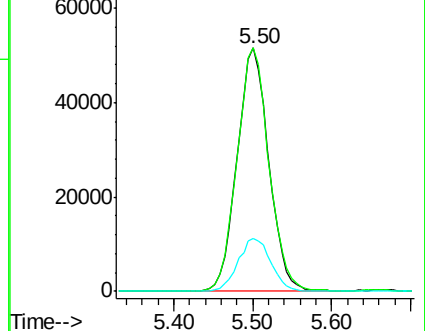
192 22.5 18.6 27.8



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

Methylcyclohexane

Concen: 0.283 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010366.D

Acq: 20 Jun 2019 18:45

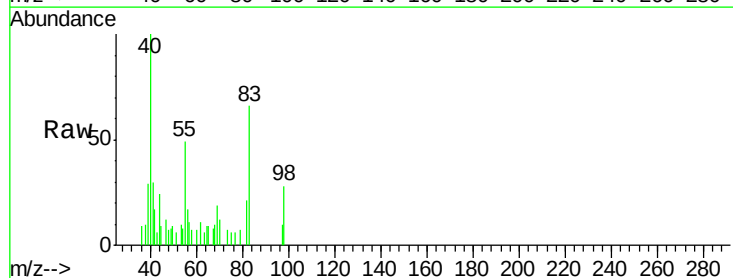
Tgt Ion: 83 Resp: 1388

Ion Ratio Lower Upper

83 100

55 74.4 53.0 79.6

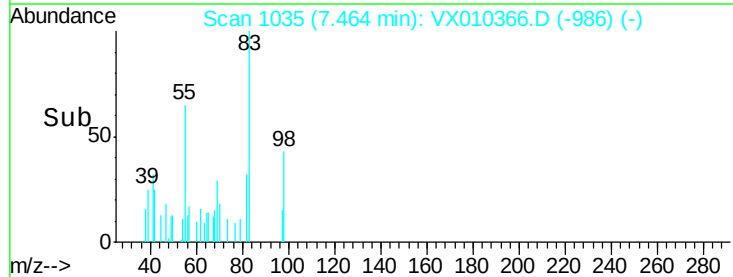
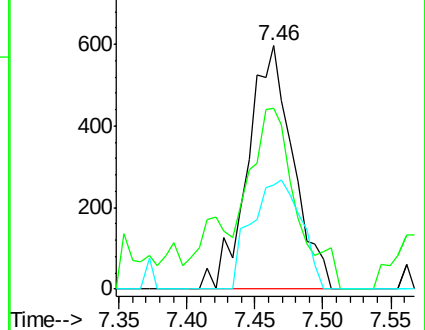
98 42.5 37.8 56.8

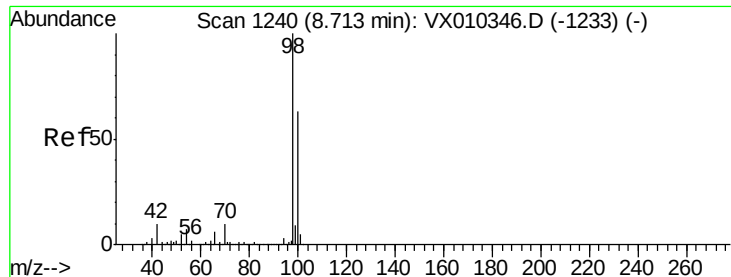


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 49.793 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010366.D

Acq: 20 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

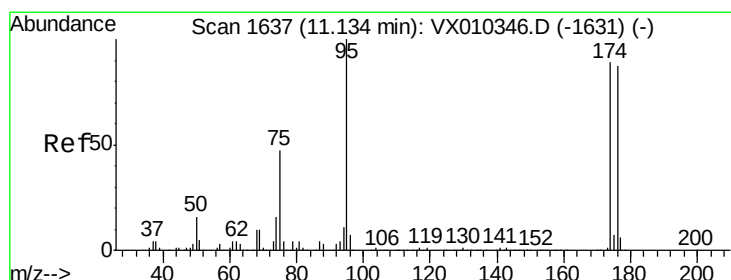
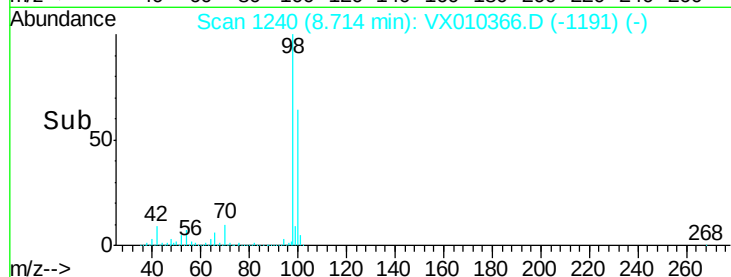
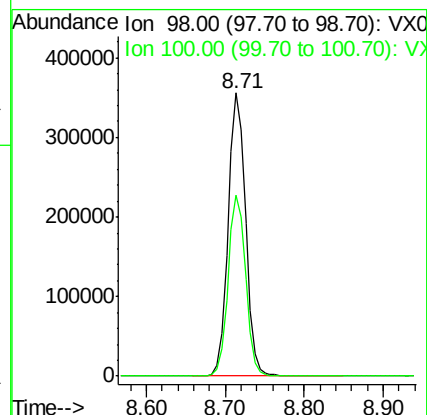
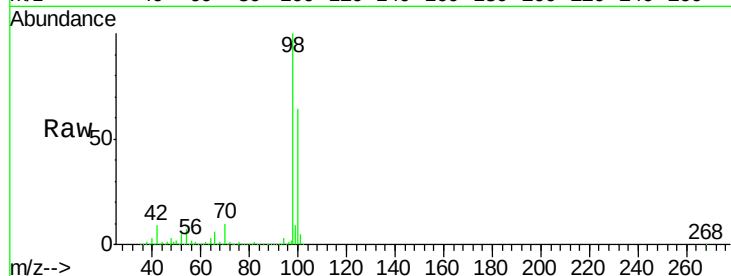
T11-MW-2-8.0-062019

Tot Ion: 98 Resp: 547350

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.074 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010366.D

Acq: 20 Jun 2019 18:45

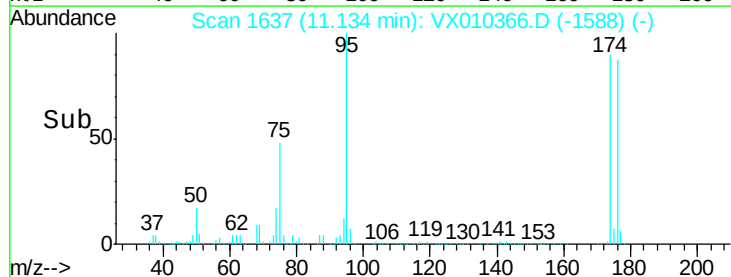
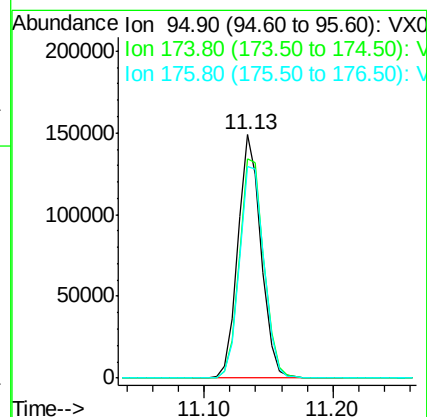
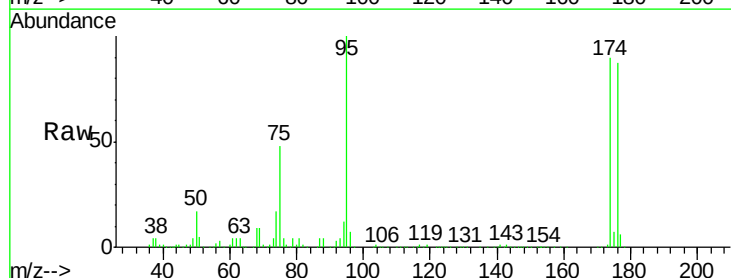
Tgt Ion: 95 Resp: 186819

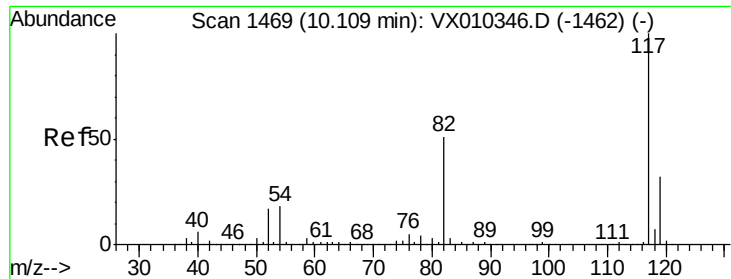
Ion Ratio Lower Upper

95 100

174 94.8 0.0 187.6

176 92.1 0.0 184.0

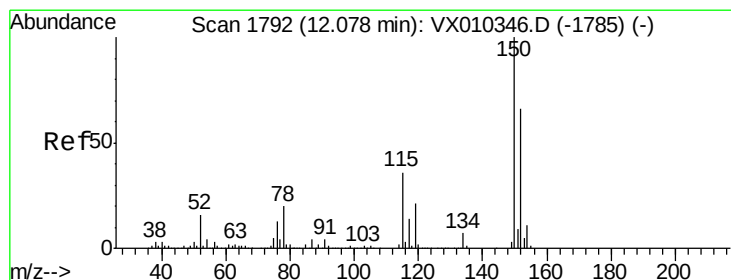
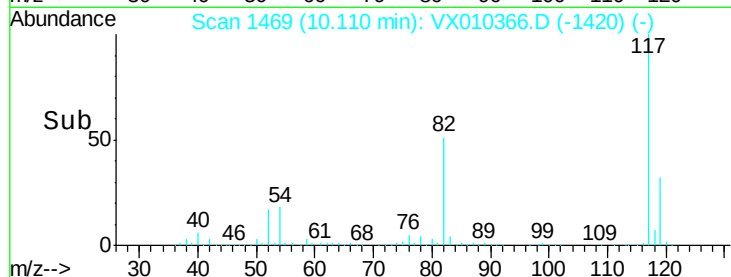
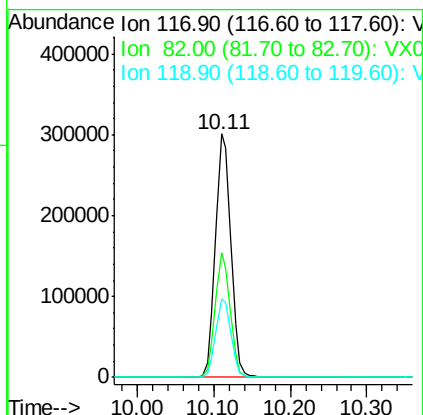
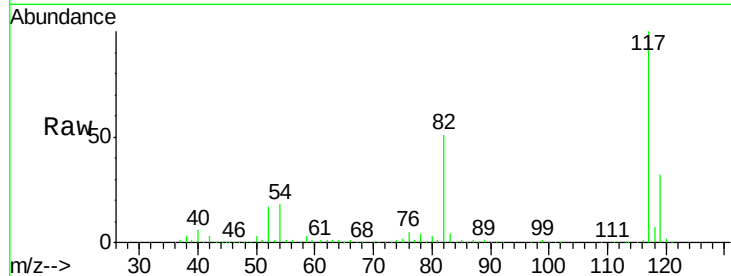




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010366.D
Acq: 20 Jun 2019 18:45

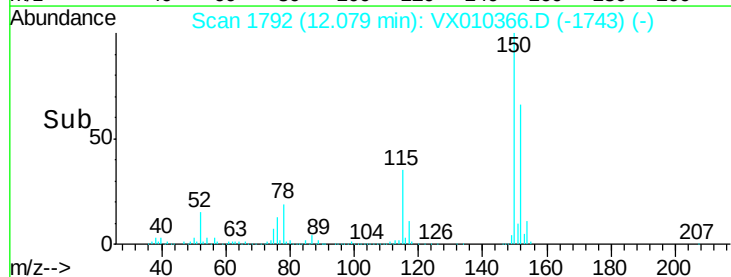
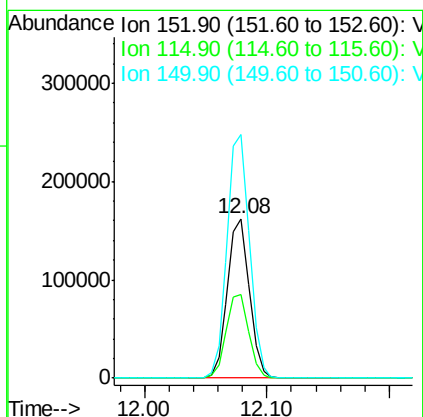
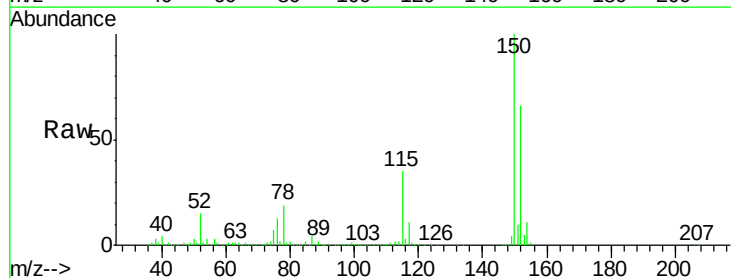
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-2-8.0-062019

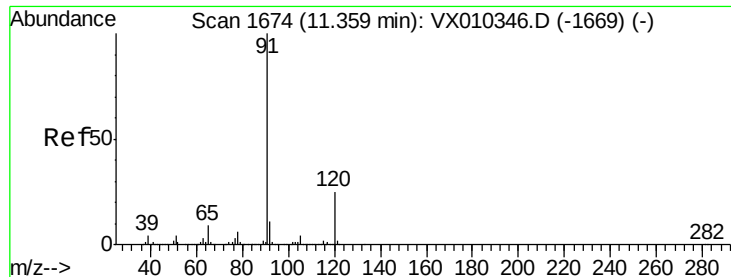
Tot Ion:117 Resp: 421159
Ion Ratio Lower Upper
117 100
82 51.1 41.2 61.8
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010366.D
Acq: 20 Jun 2019 18:45

Tgt Ion:152 Resp: 200771
Ion Ratio Lower Upper
152 100
115 54.5 38.6 115.7
150 156.4 0.0 347.4





#78

n-propylbenzene

Concen: 0.577 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010366.D

Acq: 20 Jun 2019 18:45

Instrument :

MSVOA_X

ClientSampleId :

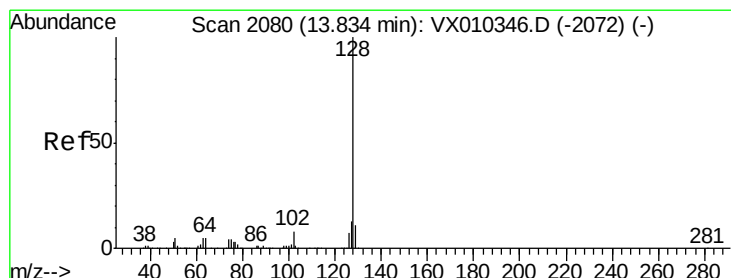
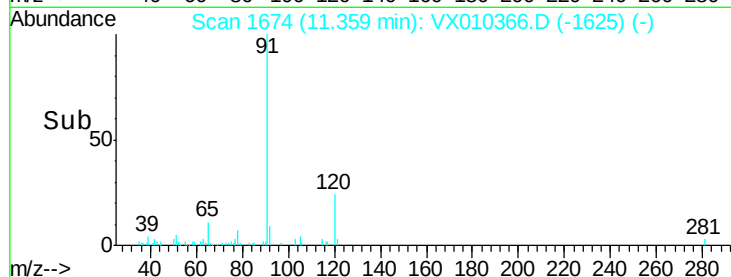
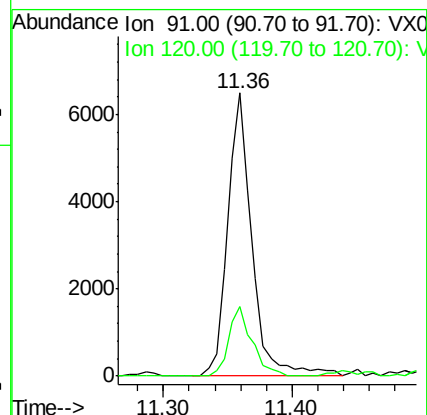
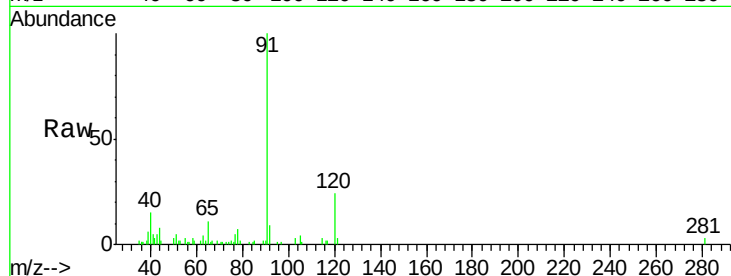
T11-MW-2-8.0-062019

Tot Ion: 91 Resp: 8624

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.4



#95

Naphthalene

Concen: 0.772 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010366.D

Acq: 20 Jun 2019 18:45

Tgt Ion: 128 Resp: 10843

Ion Ratio Lower Upper

128 100

127 18.8 10.2 15.4#

129 14.8 8.9 13.3#

