

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010370.D
 Acq On : 20 Jun 2019 20:18
 Operator : JC/SP
 Sample : K3469-12 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-9-9.0-061919

Quant Time: Jun 21 02:32:33 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	313199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	474954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	426918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197321	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	143903	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	5.50	113	144243	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
50) Toluene-d8	8.71	98	556035	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	188693	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	

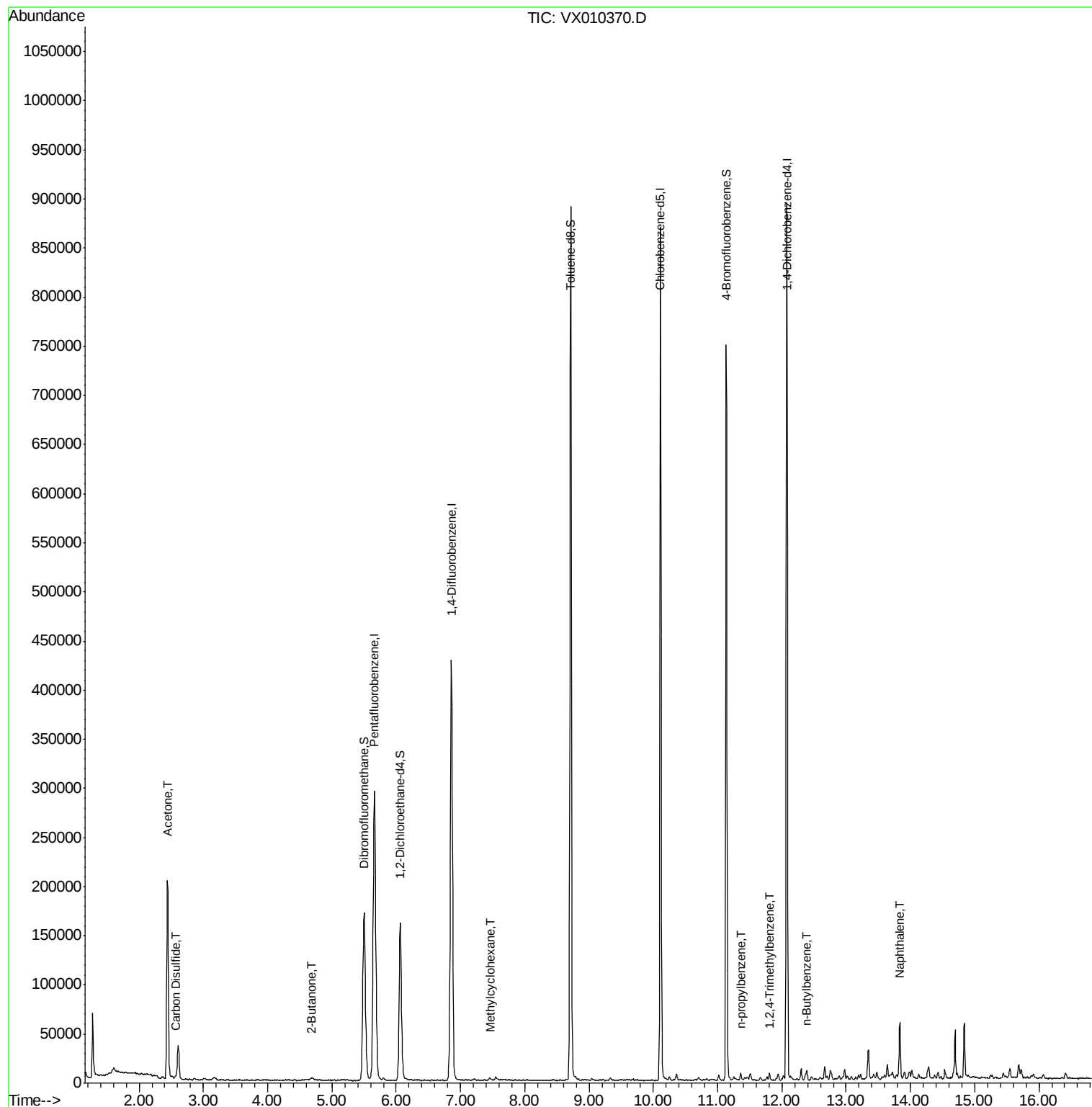
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	213204	144.868	ug/l	97
17) Carbon Disulfide	2.57	76	4380	0.601	ug/l #	94
25) 2-Butanone	4.68	43	4254	1.971	ug/l #	75
39) Methylcyclohexane	7.46	83	1574	0.317	ug/l	93
78) n-propylbenzene	11.36	91	4790	0.326	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	3362	0.303	ug/l	92
89) n-Butylbenzene	12.38	91	3102	0.304	ug/l #	89
95) Naphthalene	13.83	128	37587	2.722	ug/l	99

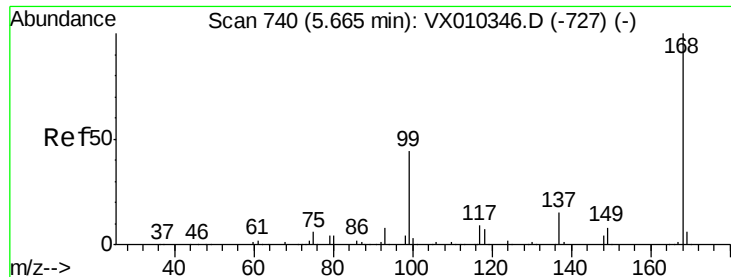
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
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: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

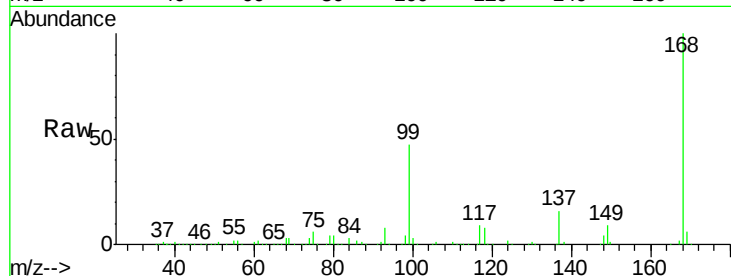
T11-MW-9-9.0-061919

Tot Ion:168 Resp: 313199

Ion Ratio Lower Upper

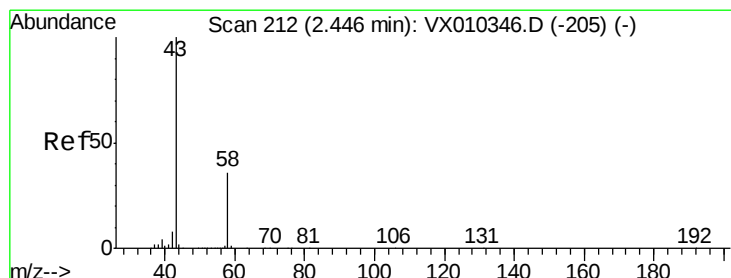
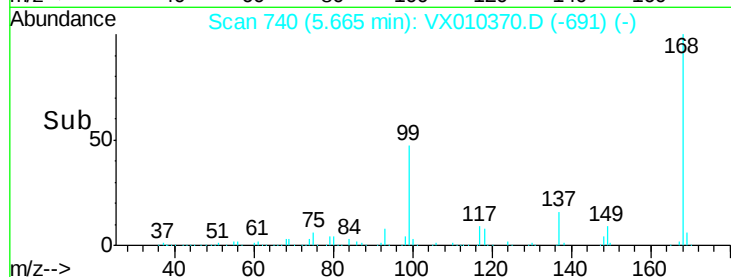
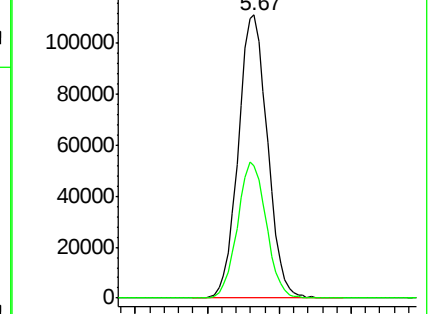
168 100

99 46.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 144.868 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010370.D

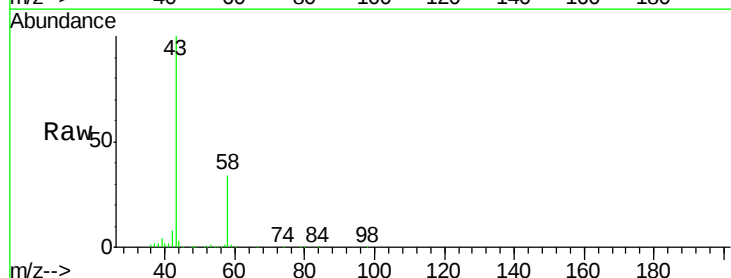
Acq: 20 Jun 2019 20:18

Tgt Ion: 43 Resp: 213204

Ion Ratio Lower Upper

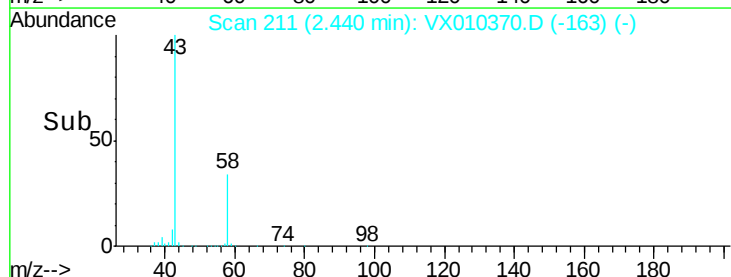
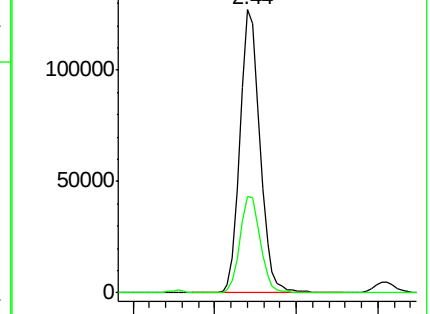
43 100

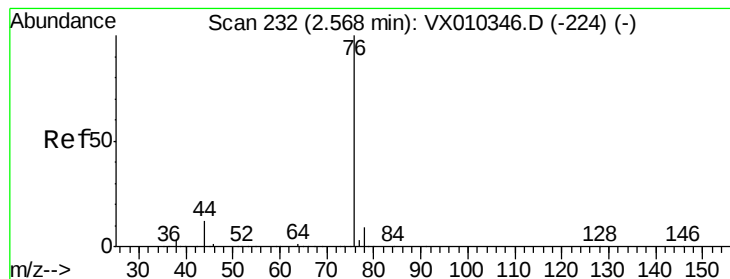
58 34.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.601 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

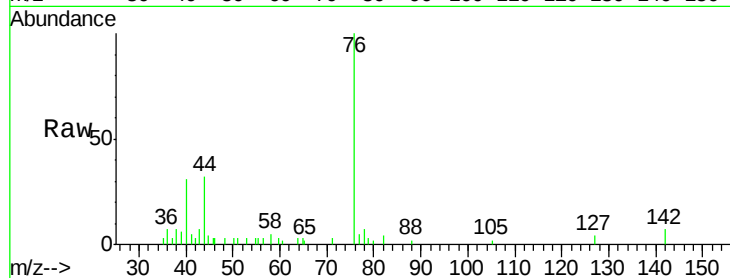
T11-MW-9-9.0-061919

Tot Ion: 76 Resp: 4380

Ion Ratio Lower Upper

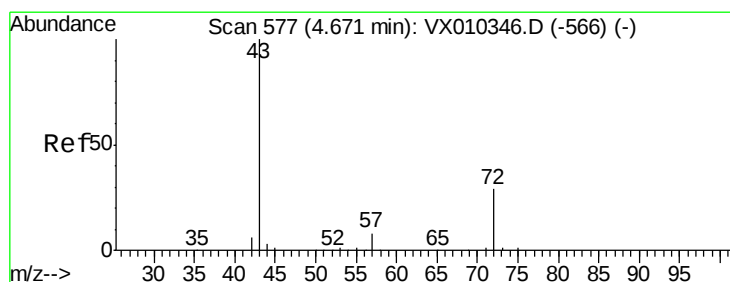
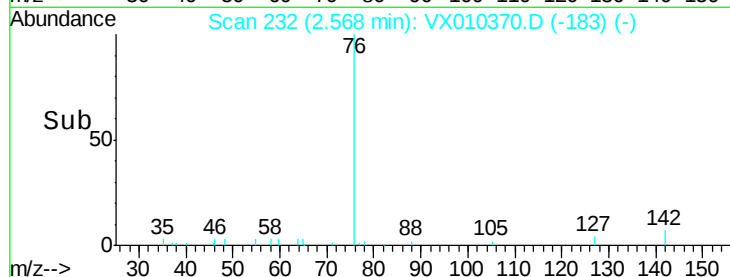
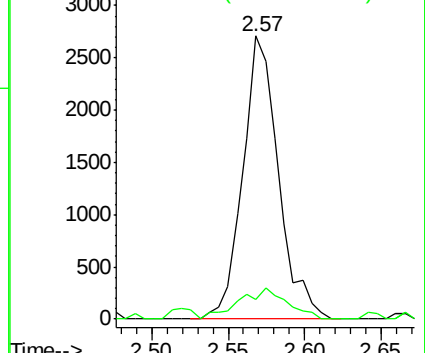
76 100

78 6.8 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 1.971 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010370.D

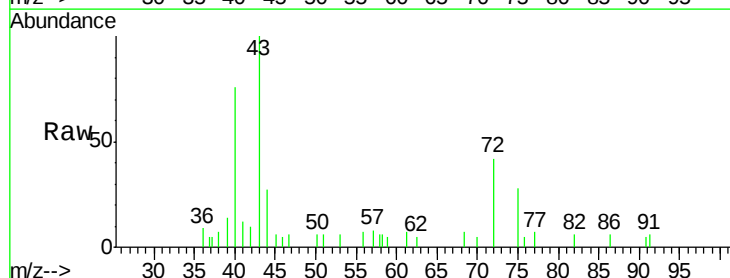
Acq: 20 Jun 2019 20:18

Tgt Ion: 43 Resp: 4254

Ion Ratio Lower Upper

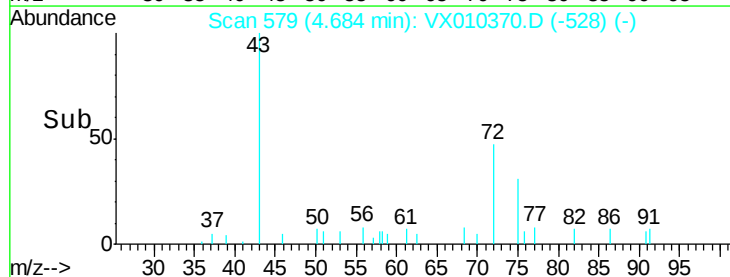
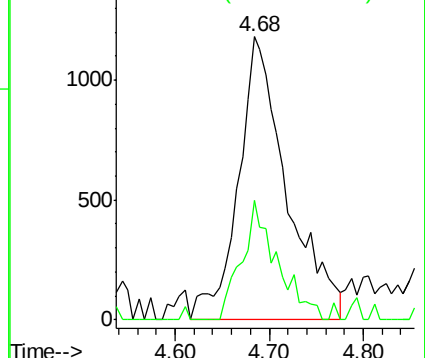
43 100

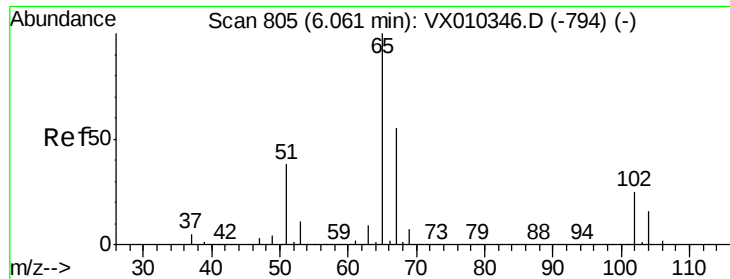
72 42.5 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.004 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

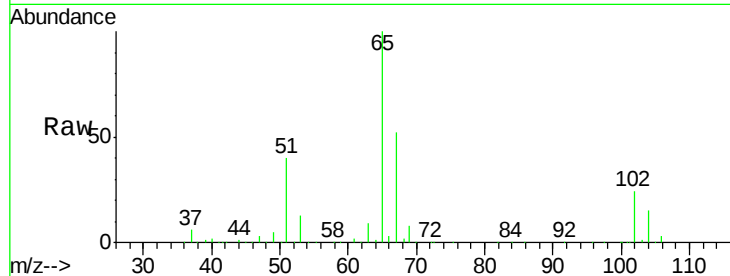
T11-MW-9-9.0-061919

Tot Ion: 65 Resp: 143903

Ion Ratio Lower Upper

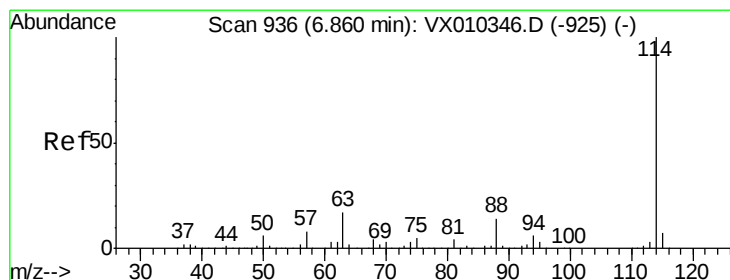
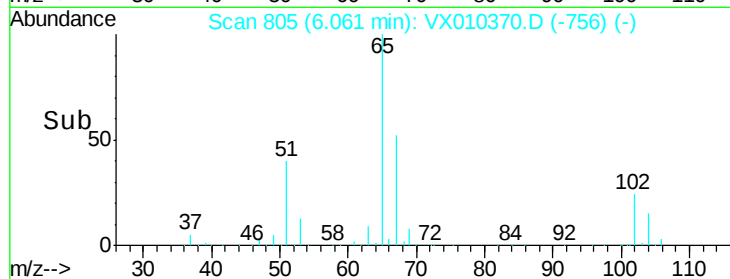
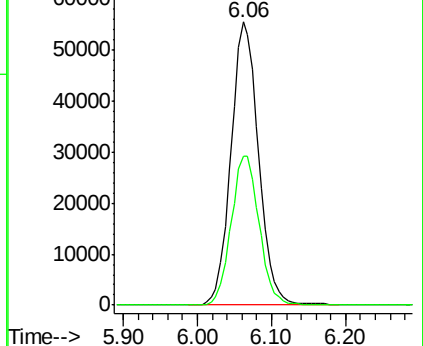
65 100

67 53.7 0.0 110.2



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: VX010370.D

Acq: 20 Jun 2019 20:18

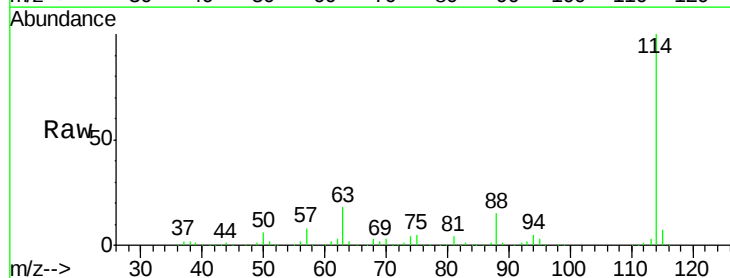
Tgt Ion: 114 Resp: 474954

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

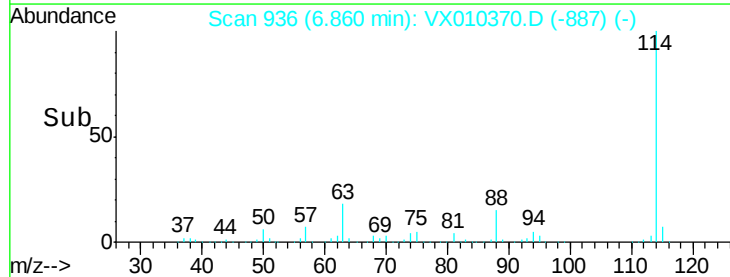
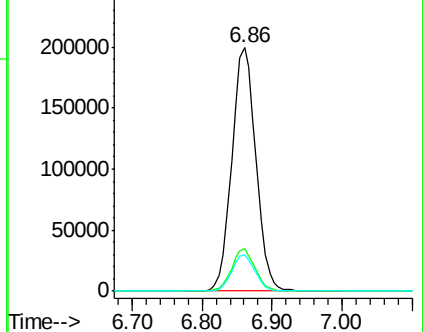
88 14.8 0.0 27.6

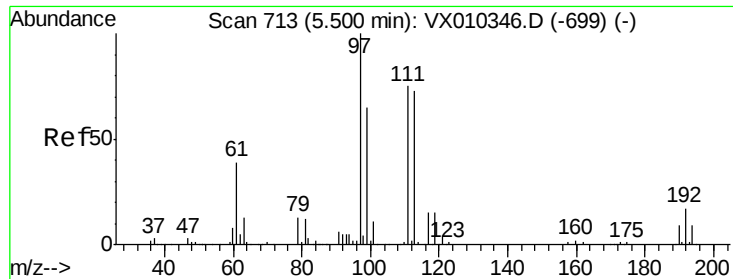


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

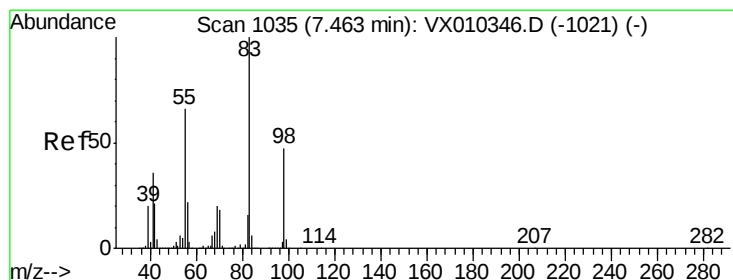
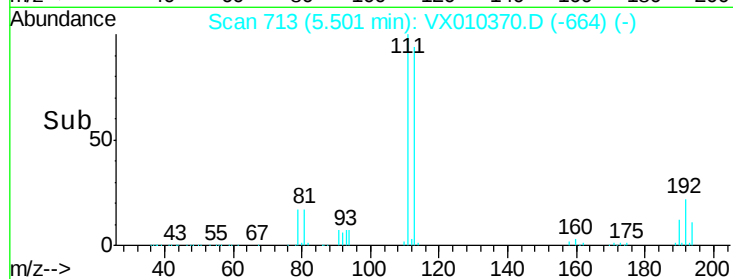
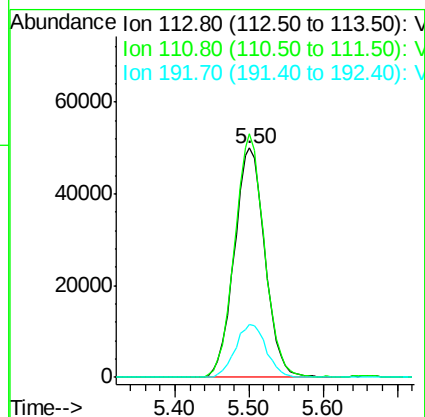
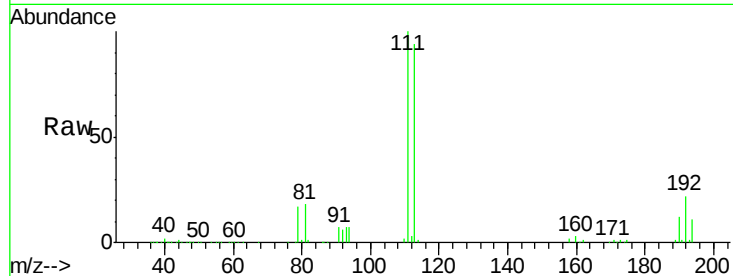




#35
Dibromofluoromethane
Concen: 49.637 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

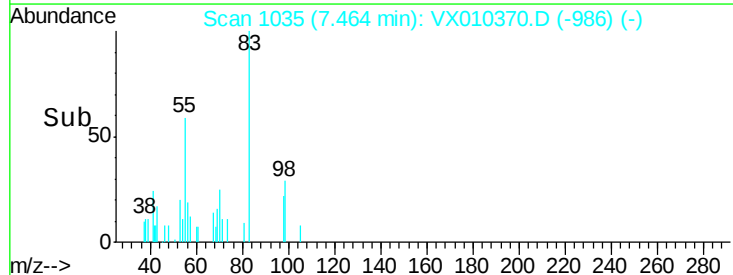
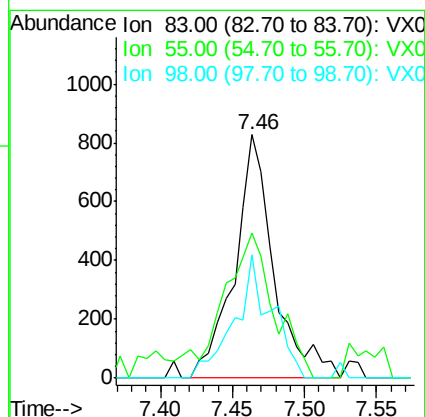
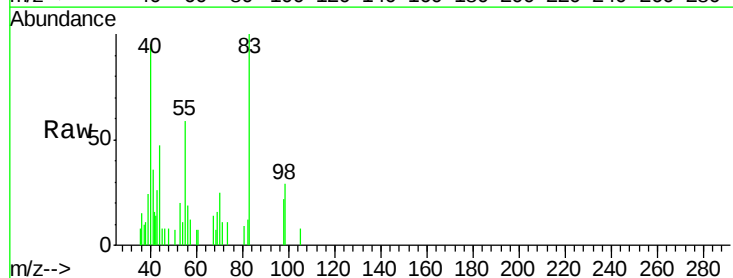
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

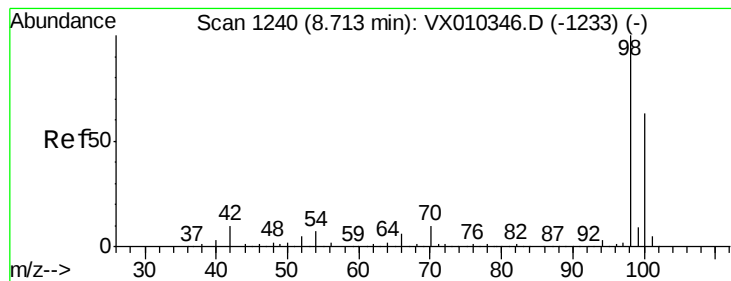
Tot Ion:113 Resp: 144243
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 23.3 18.6 27.8



#39
Methylcyclohexane
Concen: 0.317 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion: 83 Resp: 1574
Ion Ratio Lower Upper
83 100
55 59.4 53.0 79.6
98 50.6 37.8 56.8





#50

Toluene-d8

Concen: 50.014 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

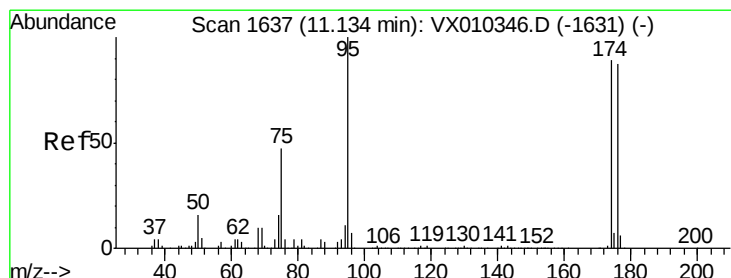
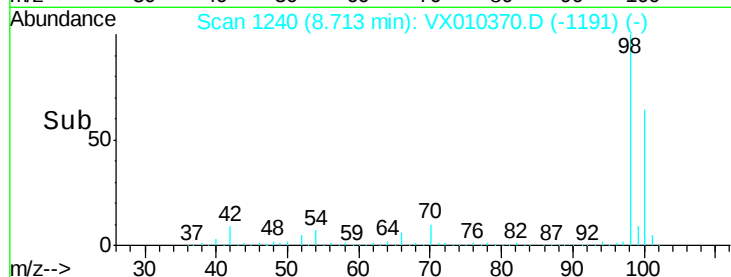
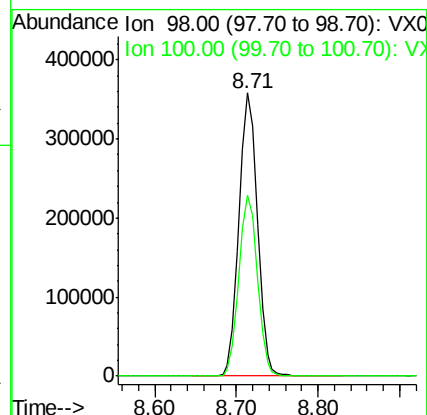
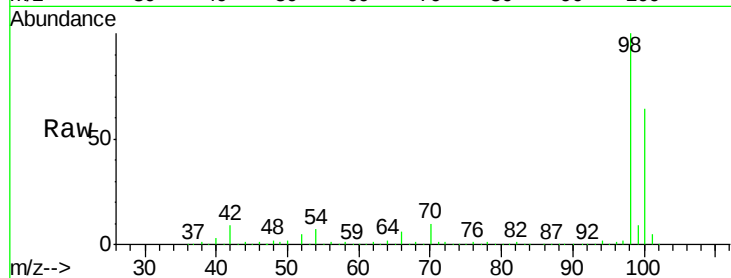
T11-MW-9-9.0-061919

Tot Ion: 98 Resp: 556035

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.012 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

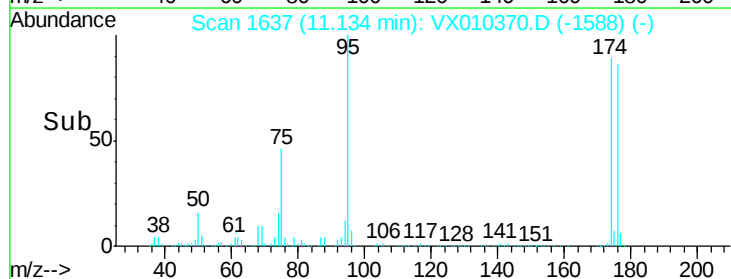
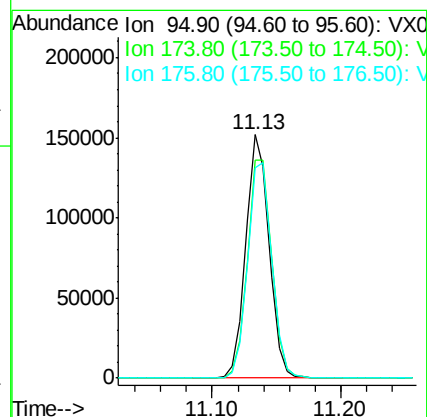
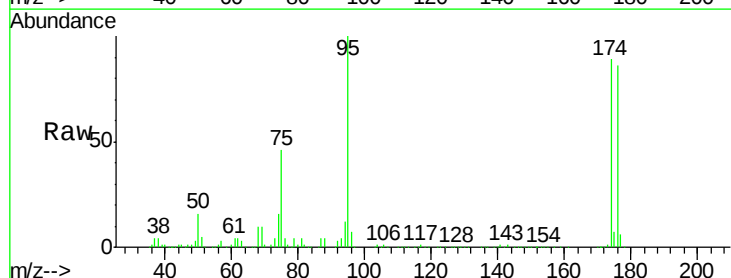
Tgt Ion: 95 Resp: 188693

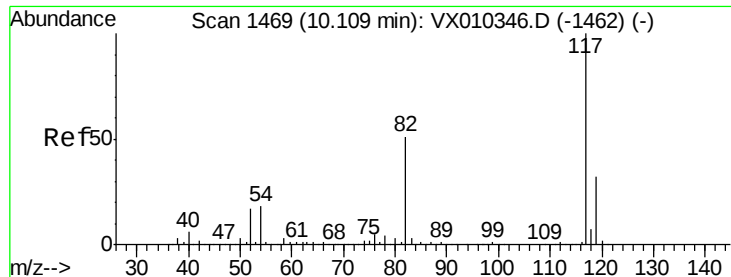
Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.6

176 91.8 0.0 184.0

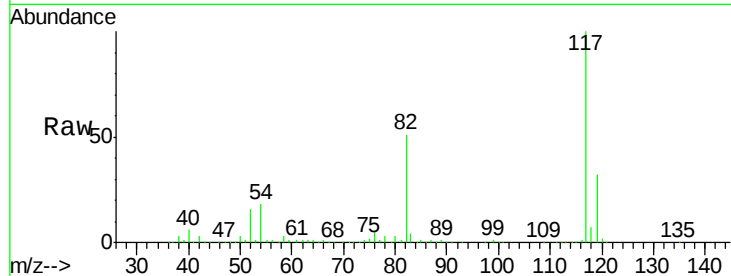




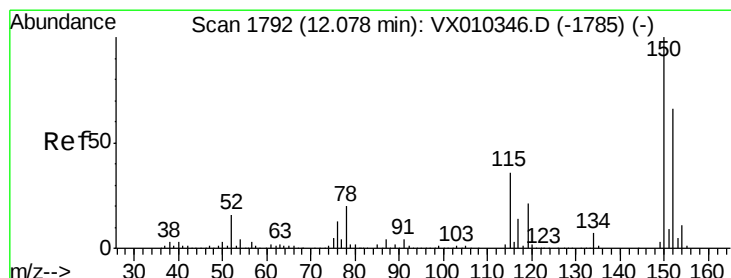
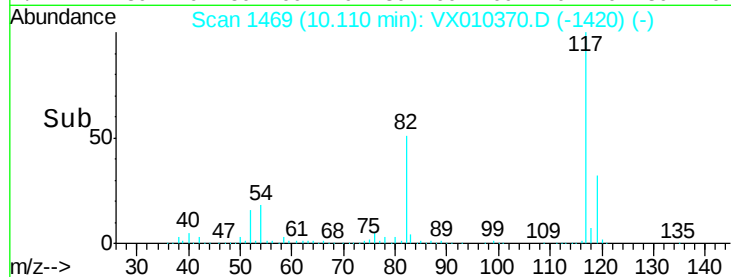
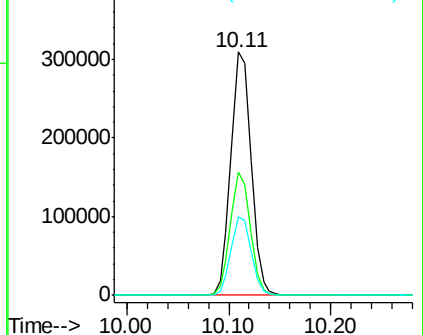
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

Tot Ion:117 Resp: 426918
Ion Ratio Lower Upper
117 100
82 50.6 41.2 61.8
119 32.1 25.5 38.3

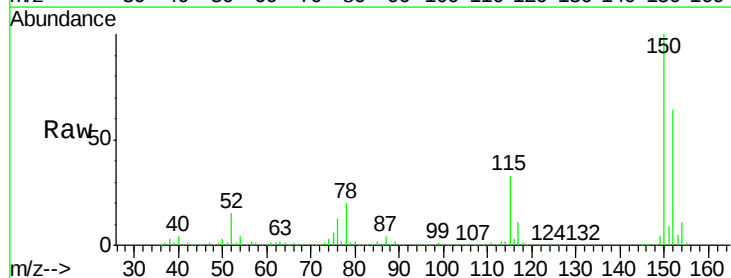


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

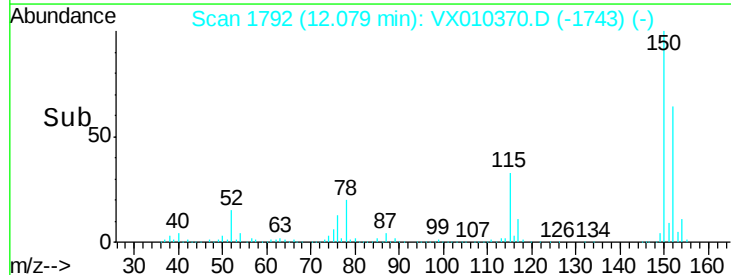
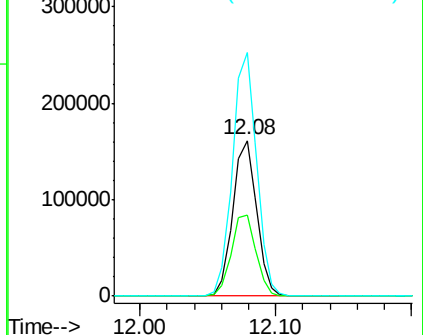


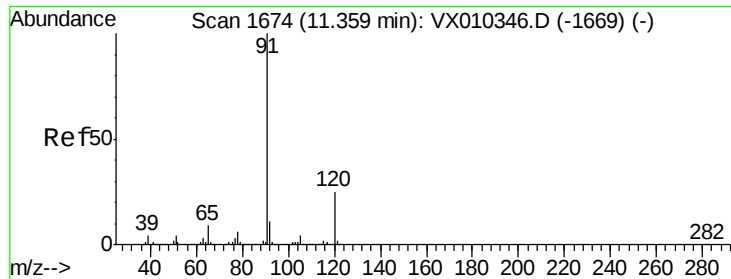
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion:152 Resp: 197321
Ion Ratio Lower Upper
152 100
115 54.2 38.6 115.7
150 158.1 0.0 347.4



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





#78

n-propylbenzene

Concen: 0.326 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

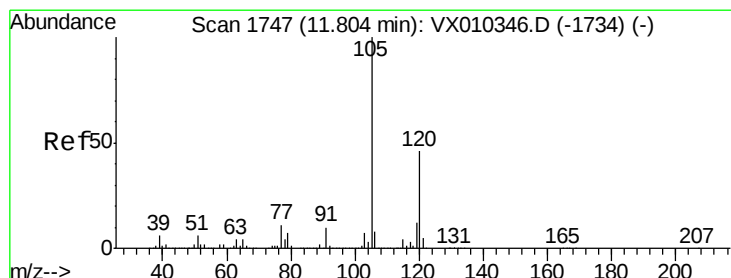
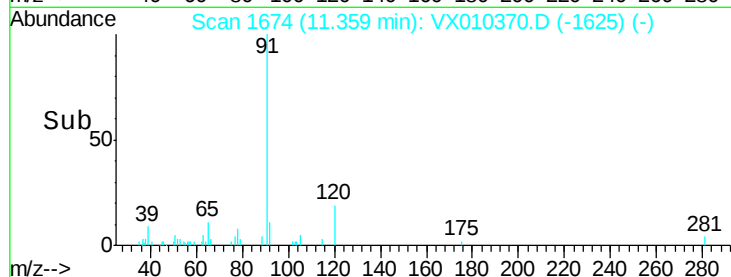
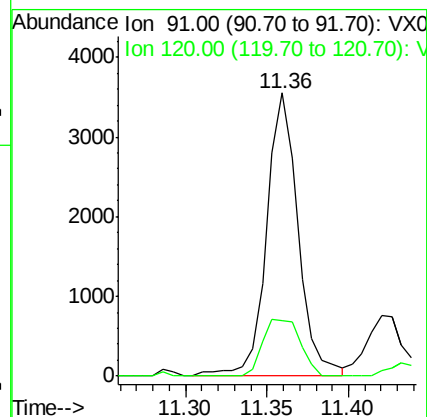
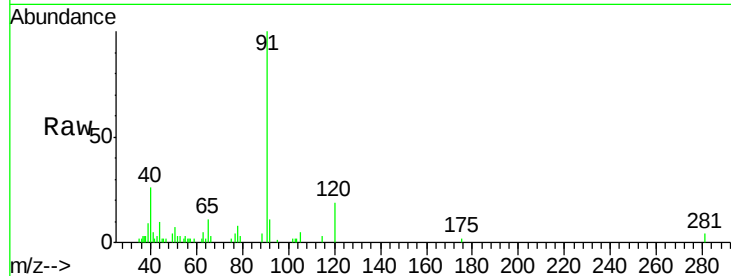
T11-MW-9-9.0-061919

Tot Ion: 91 Resp: 4790

Ion Ratio Lower Upper

91 100

120 23.8 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 0.303 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010370.D

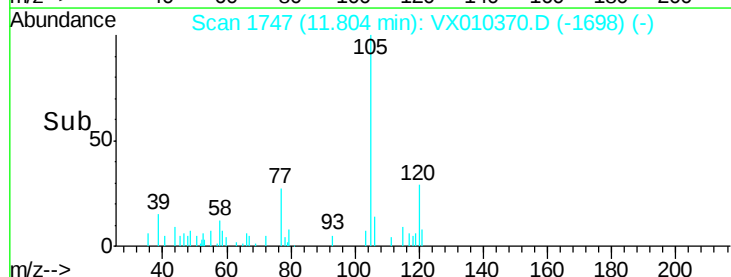
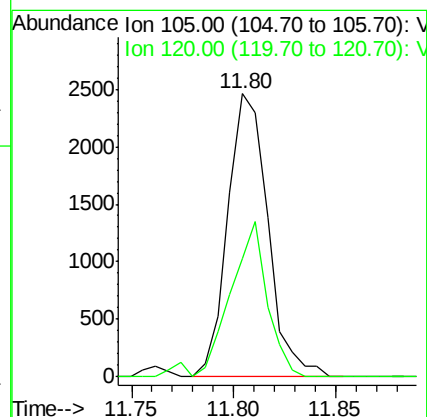
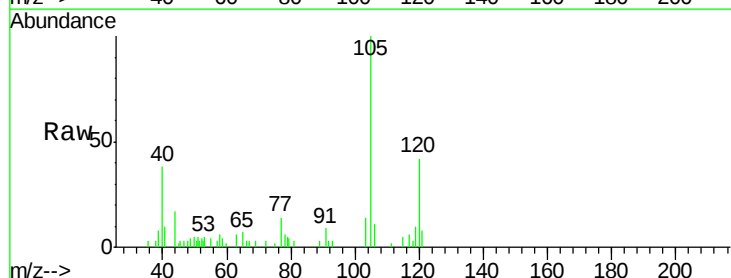
Acq: 20 Jun 2019 20:18

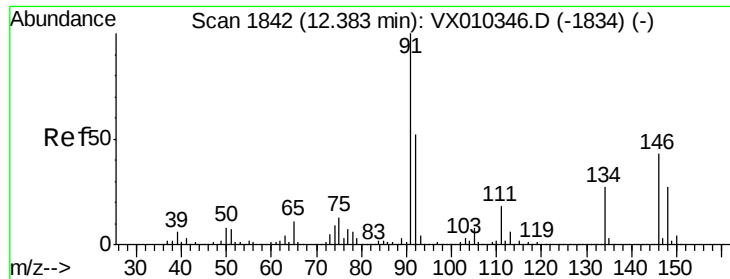
Tgt Ion: 105 Resp: 3362

Ion Ratio Lower Upper

105 100

120 51.3 23.1 69.2

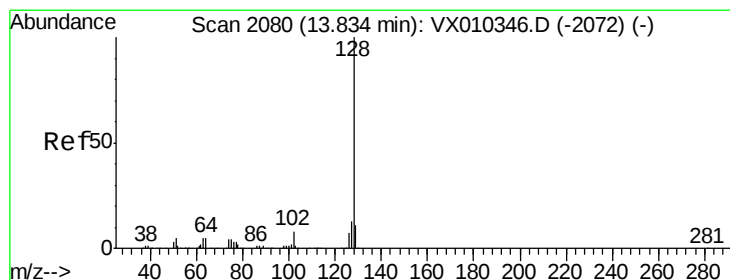
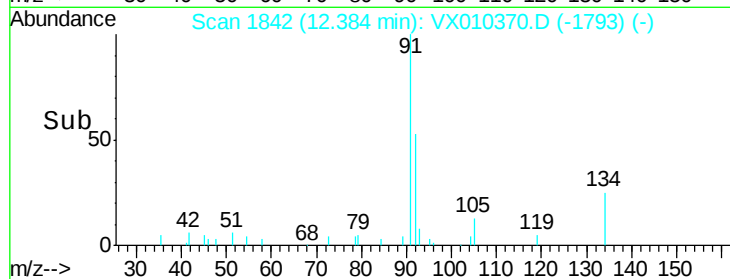
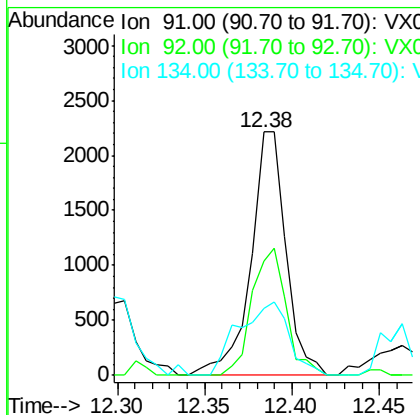
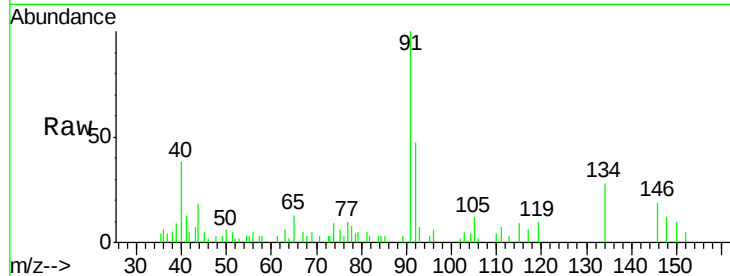




#89
n-Butylbenzene
Concen: 0.304 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

Tot Ion: 91 Resp: 3102
Ion Ratio Lower Upper
91 100
92 50.9 26.2 78.5
134 43.0 14.1 42.4#



#95
Naphthalene
Concen: 2.722 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion: 128 Resp: 37587
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.4 8.9 13.3

