

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010382.D
 Acq On : 21 Jun 2019 14:15
 Operator : JC/SP
 Sample : K3469-12 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 22 00:14:31 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	295312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	397237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182081	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	137279	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
35) Dibromofluoromethane	5.50	113	138492	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
50) Toluene-d8	8.71	98	526738	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	172947	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	

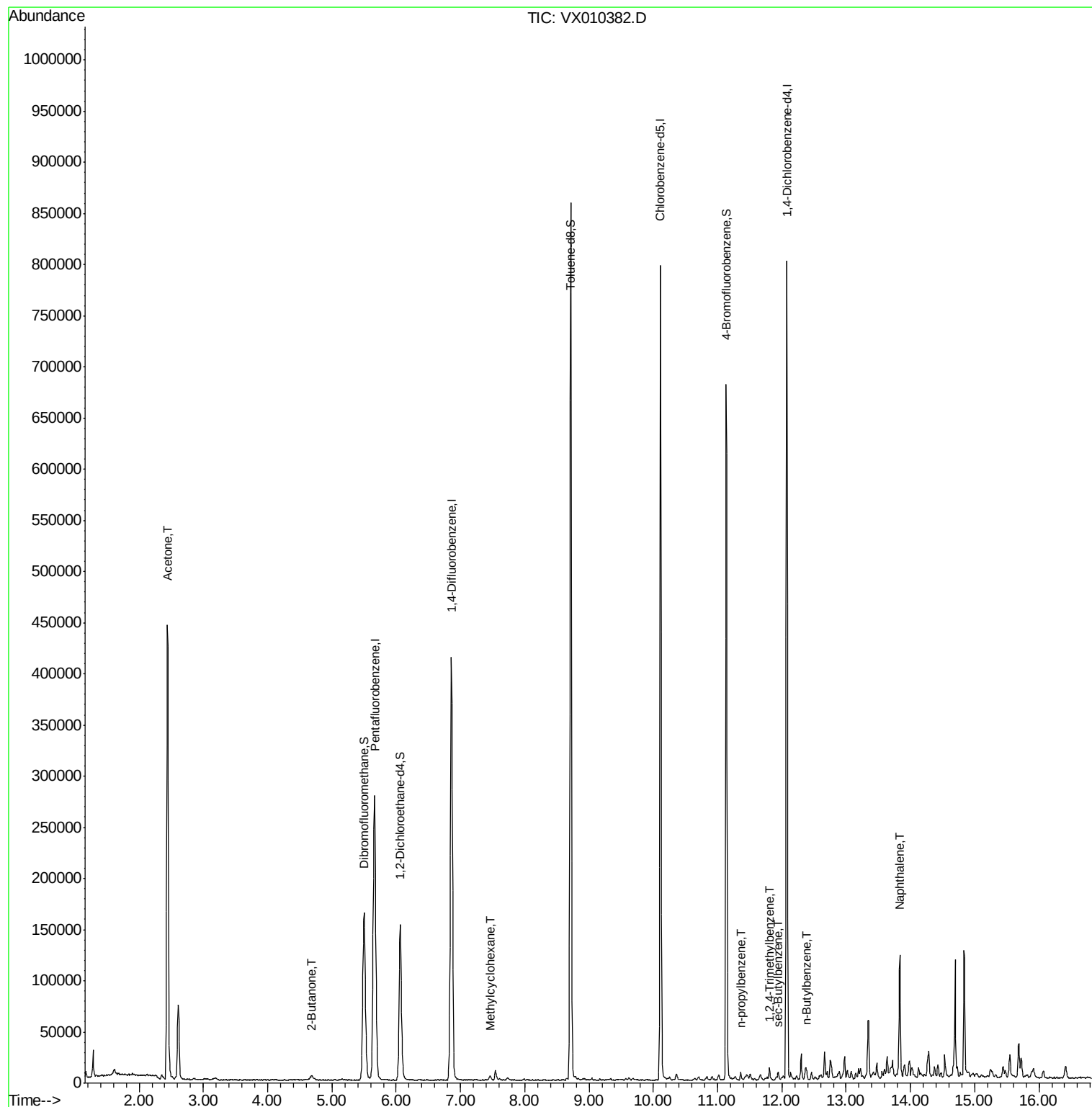
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	456564	329.017	ug/l	99
25) 2-Butanone	4.68	43	7628	3.747	ug/l	96
39) Methylcyclohexane	7.46	83	1728	0.367	ug/l	92
78) n-propylbenzene	11.36	91	4934	0.364	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	5262	0.515	ug/l	99
85) sec-Butylbenzene	11.94	105	3727	0.311	ug/l	79
89) n-Butylbenzene	12.39	91	3143	0.333	ug/l #	71
95) Naphthalene	13.83	128	76267	5.985	ug/l	99

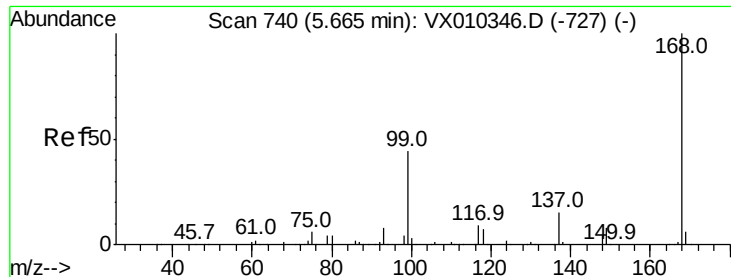
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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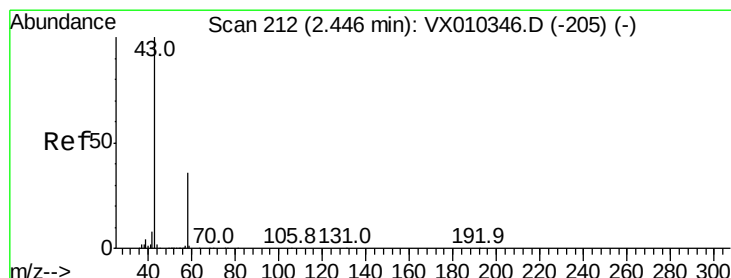
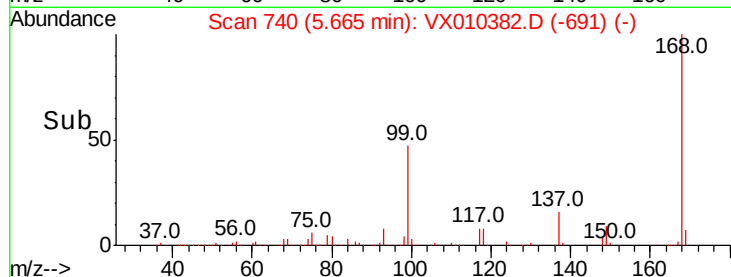
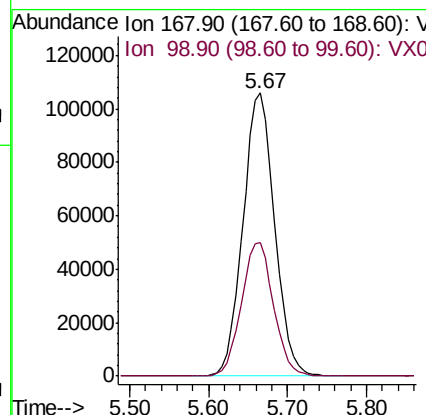
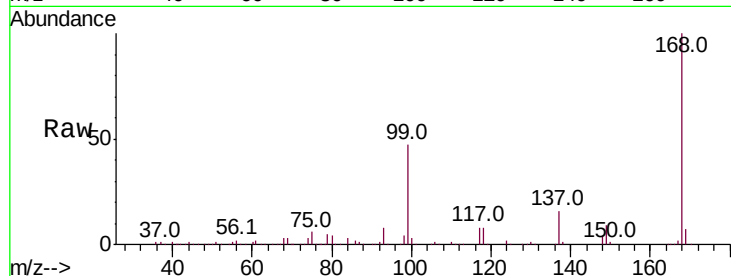




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010382.D
Acq: 21 Jun 2019 14:15

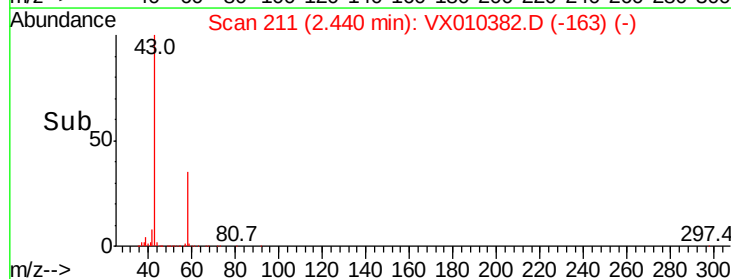
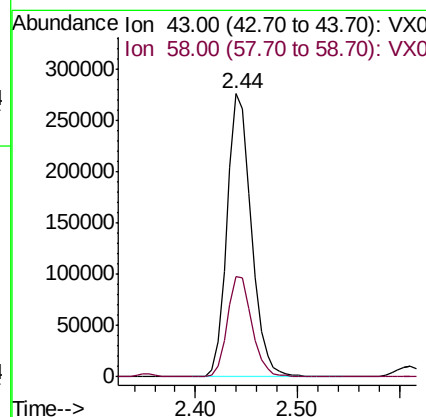
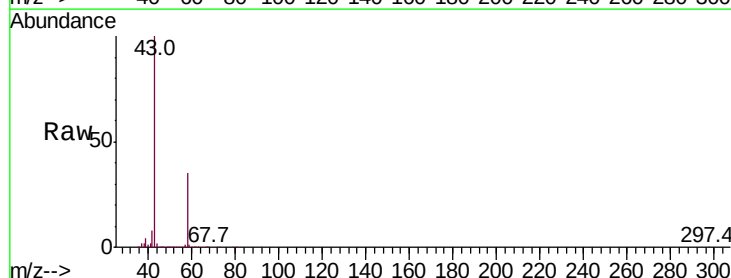
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

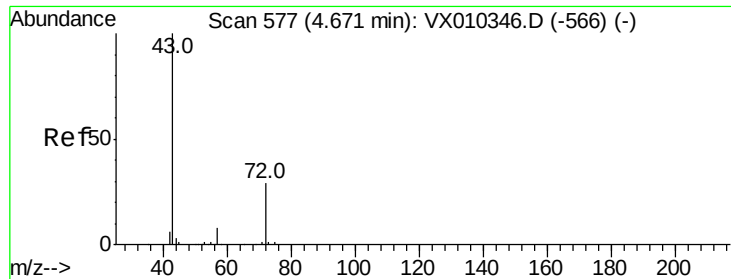
Tot Ion:168 Resp: 295312
Ion Ratio Lower Upper
168 100
99 47.0 35.5 53.3



#16
Acetone
Concen: 329.017 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010382.D
Acq: 21 Jun 2019 14:15

Tgt Ion: 43 Resp: 456564
Ion Ratio Lower Upper
43 100
58 35.3 28.9 43.3





#25

2-Butanone

Concen: 3.747 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

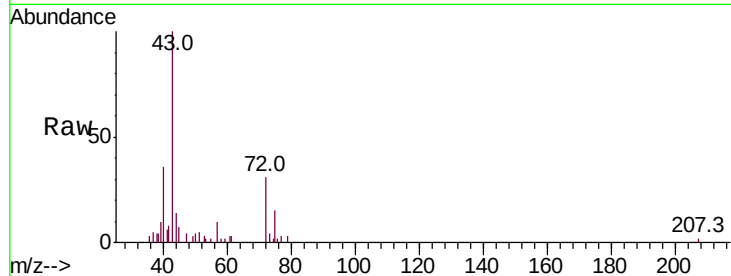
T11-MW-9-9.0-061919

Tot Ion: 43 Resp: 7628

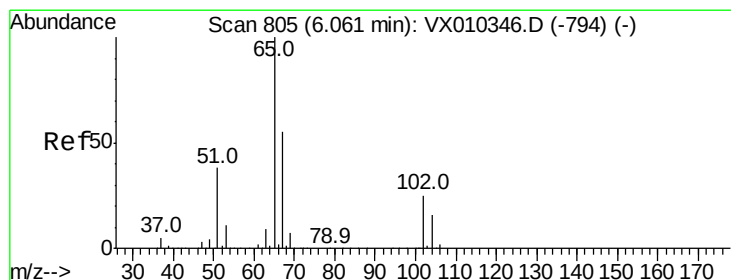
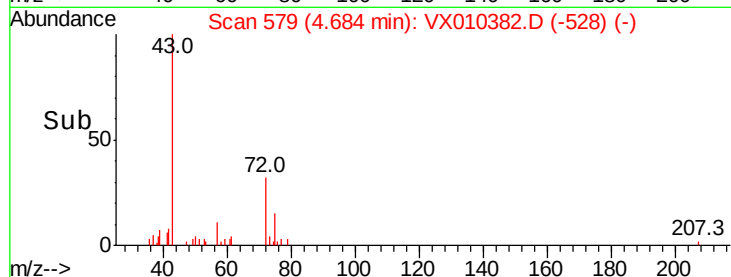
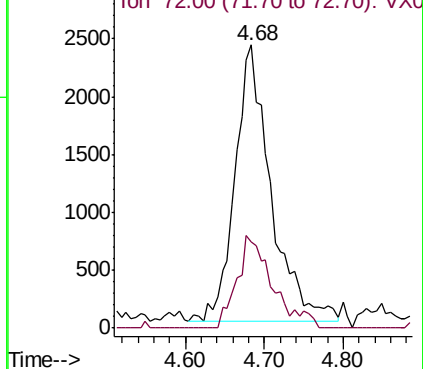
Ion Ratio Lower Upper

43 100

72 31.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.580 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010382.D

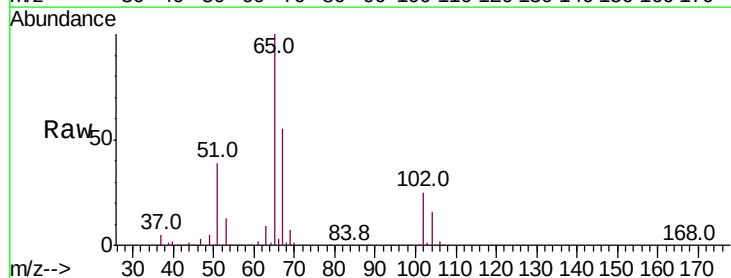
Acq: 21 Jun 2019 14:15

Tgt Ion: 65 Resp: 137279

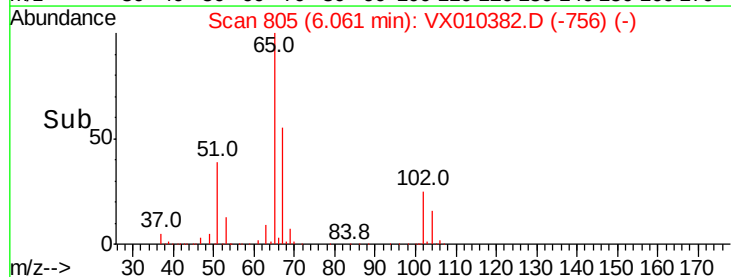
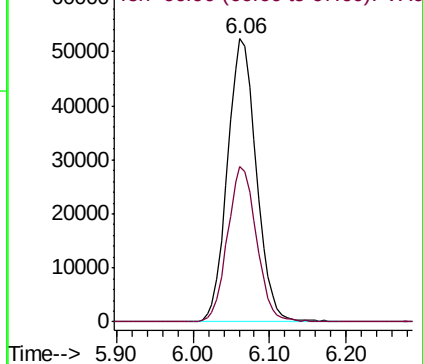
Ion Ratio Lower Upper

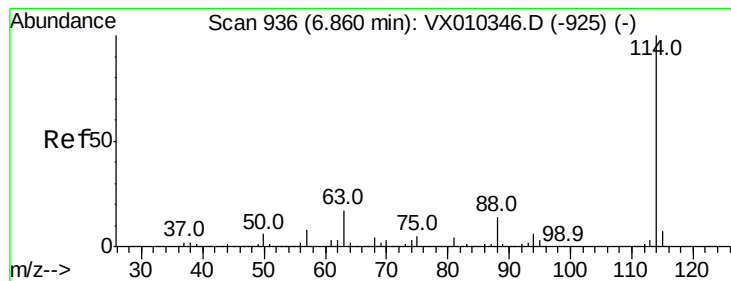
65 100

67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

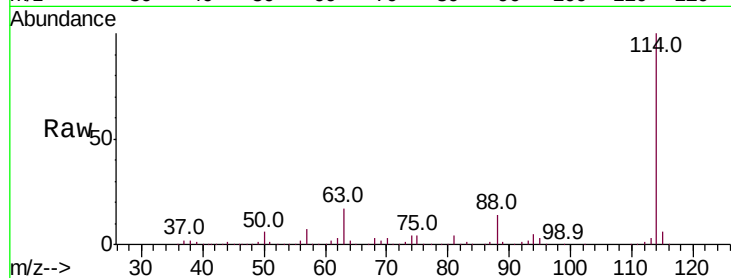
Tot Ion:114 Resp: 450633

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

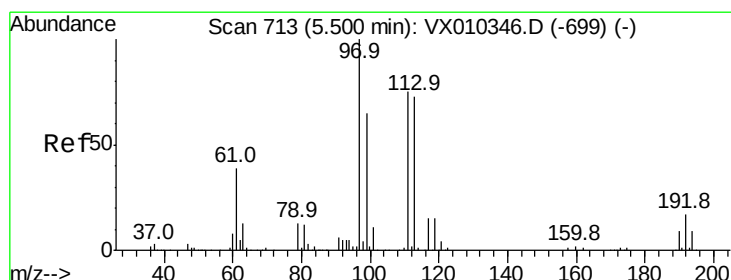
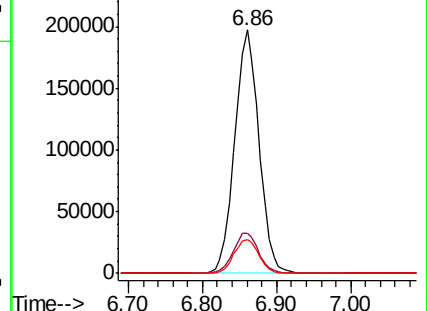
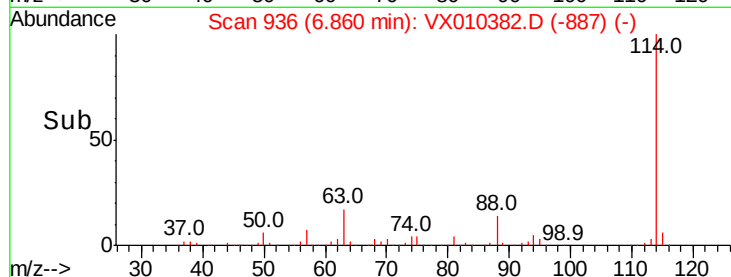
88 13.6 0.0 27.6



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: 50.230 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

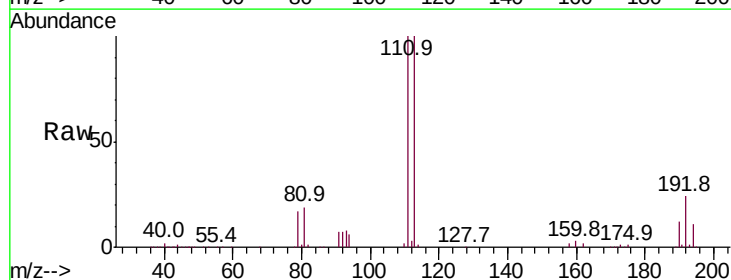
Tgt Ion:113 Resp: 138492

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

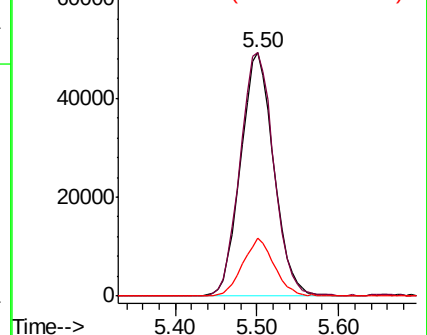
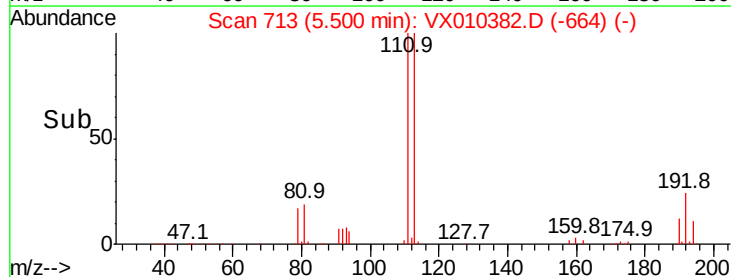
192 22.7 18.6 27.8

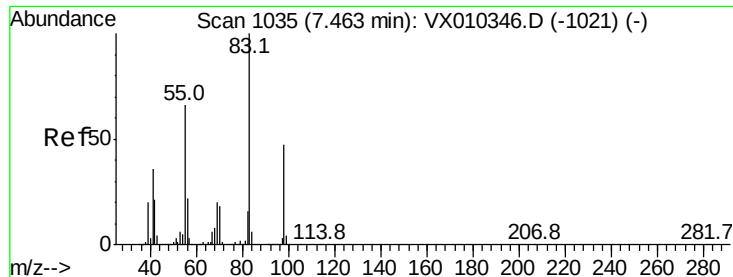


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 0.367 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

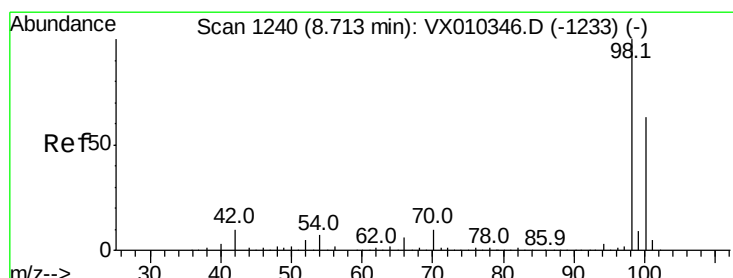
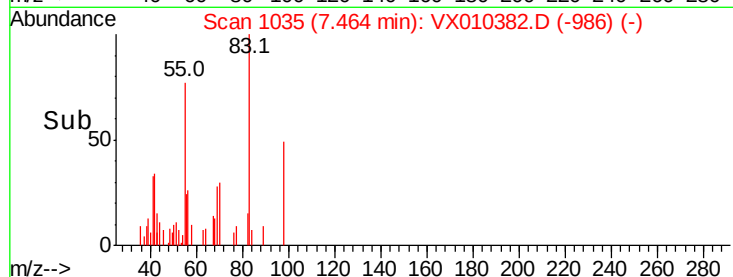
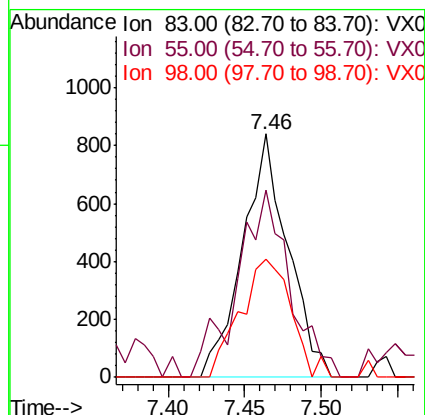
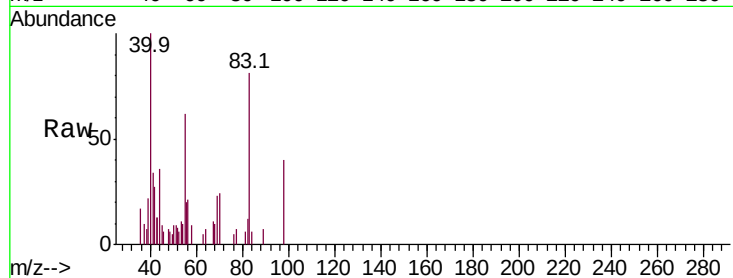
Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

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Tot Ion: 83 Resp: 1728

Ion	Ratio	Lower	Upper
83	100		
55	76.7	53.0	79.6
98	48.6	37.8	56.8



#50

Toluene-d8

Concen: 49.936 ug/l

RT: 8.71 min Scan# 1240

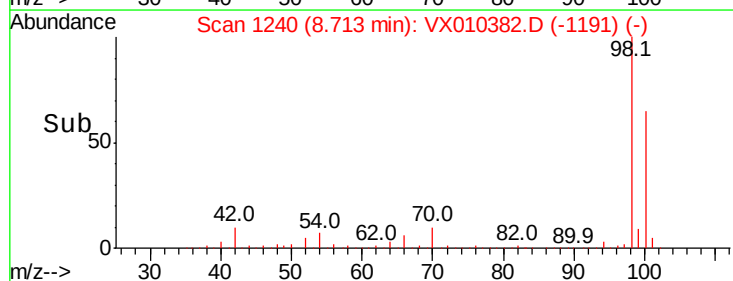
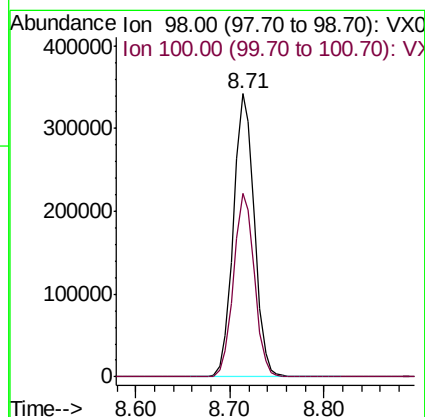
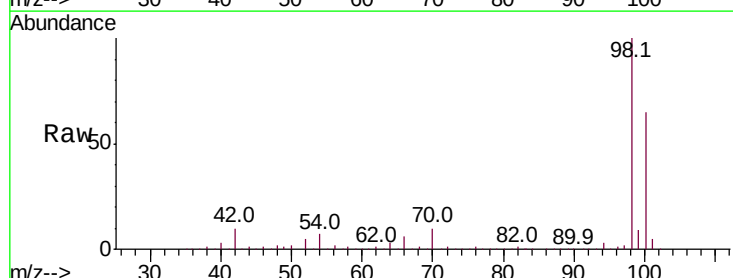
Delta R.T. 0.00 min

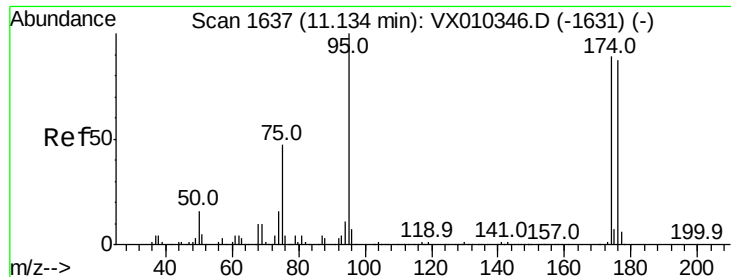
Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

Tgt Ion: 98 Resp: 526738

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 45.414 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

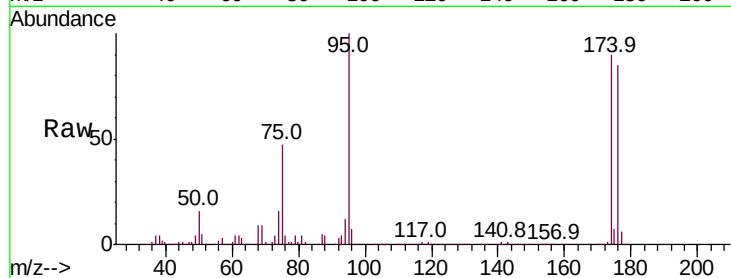
Tot Ion: 95 Resp: 172947

Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	187.6
176	92.0	0.0	184.0

95 100

174 94.4 0.0 187.6

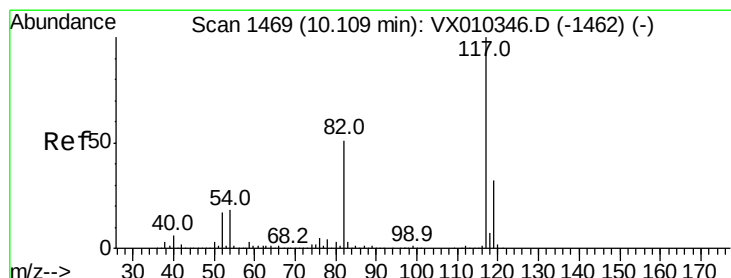
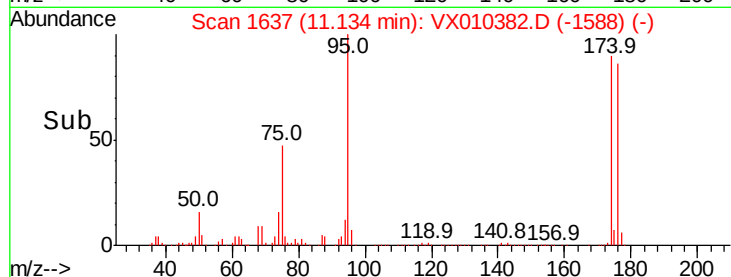
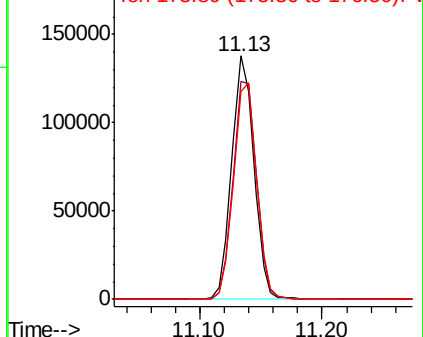
176 92.0 0.0 184.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

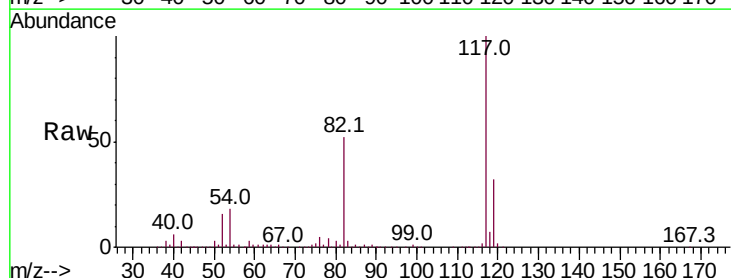
Tgt Ion: 117 Resp: 397237

Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.2	61.8
119	32.0	25.5	38.3

117 100

82 52.0 41.2 61.8

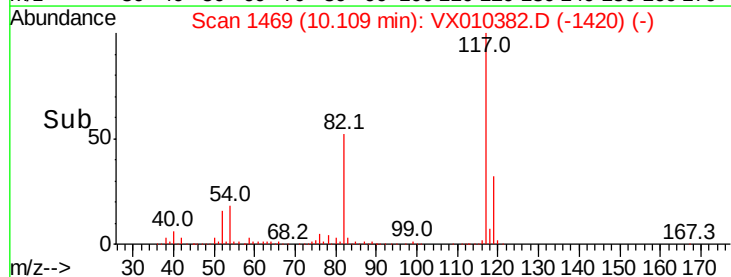
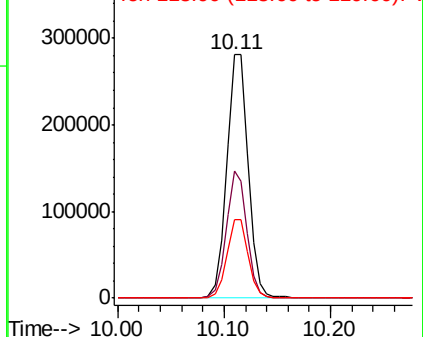
119 32.0 25.5 38.3

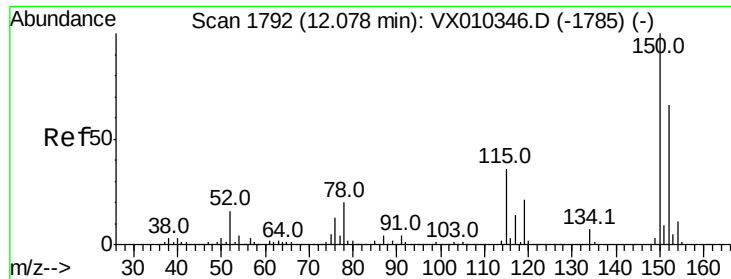


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX010382.D

Acq: 21 Jun 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

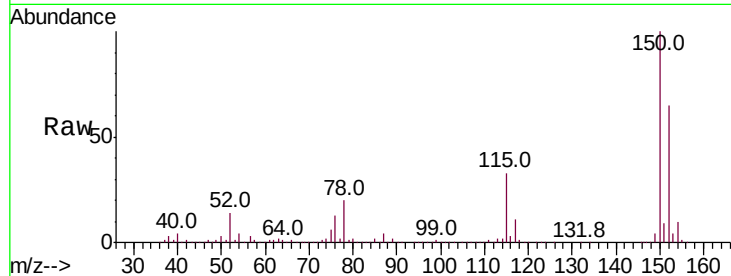
Tot Ion:152 Resp: 182081

Ion Ratio Lower Upper

152 100

115 54.3 38.6 115.7

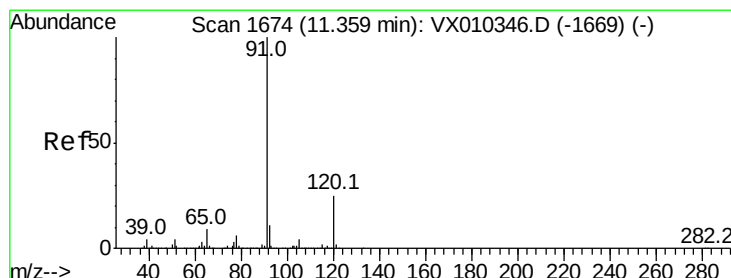
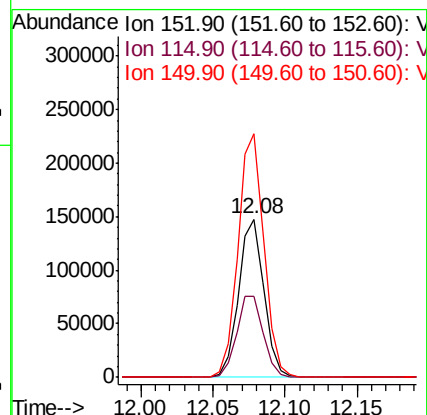
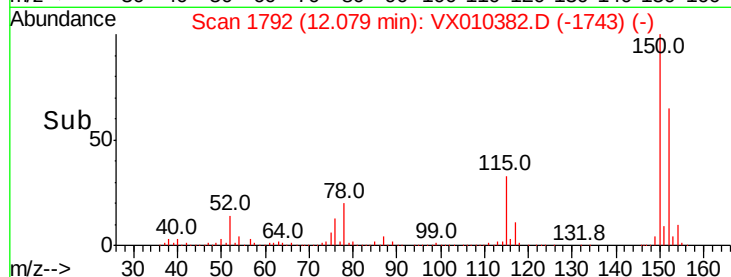
150 156.9 0.0 347.4



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: 0.364 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010382.D

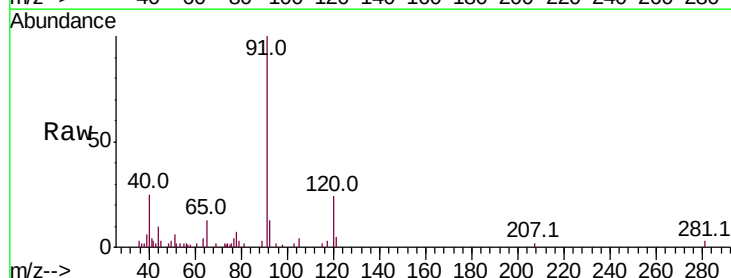
Acq: 21 Jun 2019 14:15

Tgt Ion: 91 Resp: 4934

Ion Ratio Lower Upper

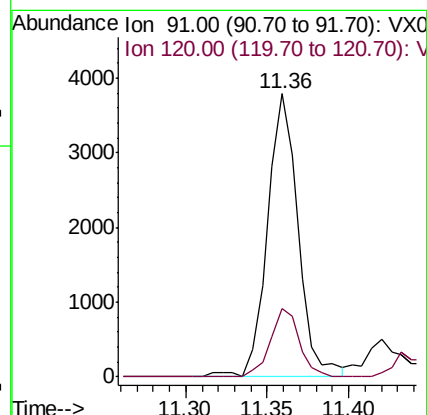
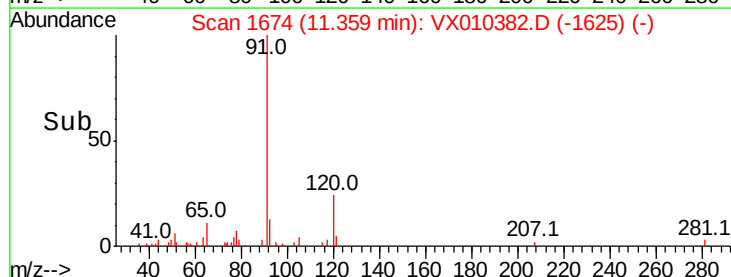
91 100

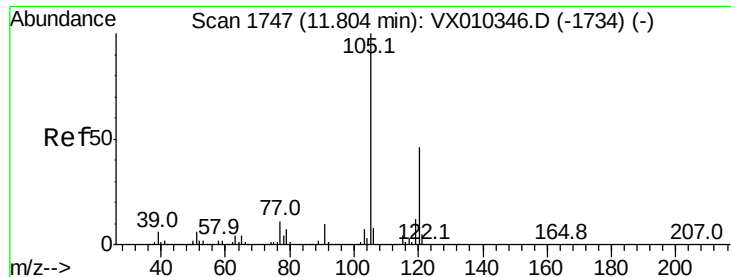
120 22.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.515 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

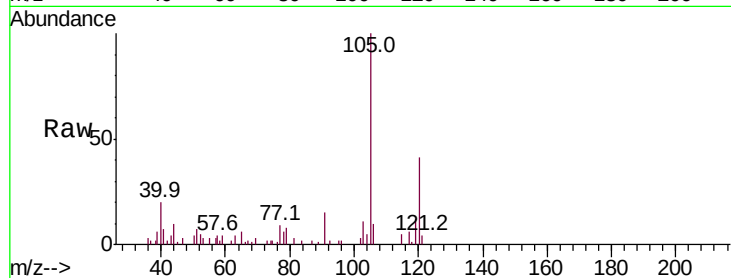
T11-MW-9-9.0-061919

Tot Ion:105 Resp: 5262

Ion Ratio Lower Upper

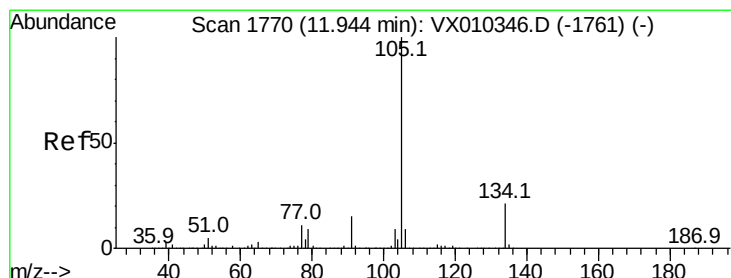
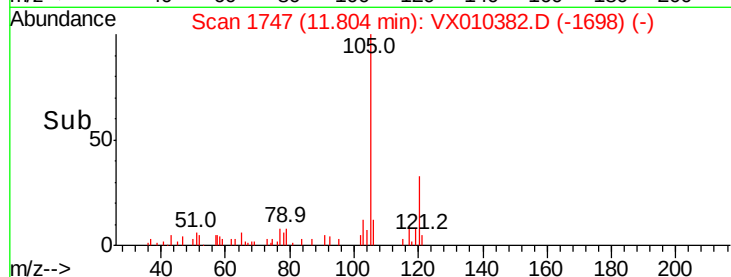
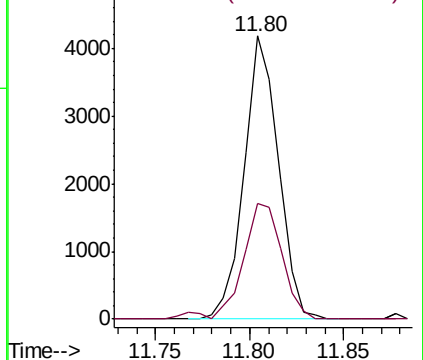
105 100

120 45.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.311 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010382.D

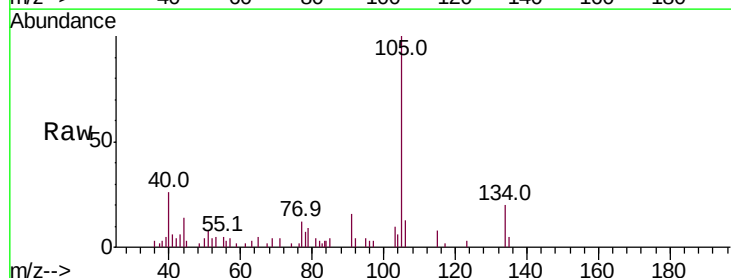
Acq: 21 Jun 2019 14:15

Tgt Ion:105 Resp: 3727

Ion Ratio Lower Upper

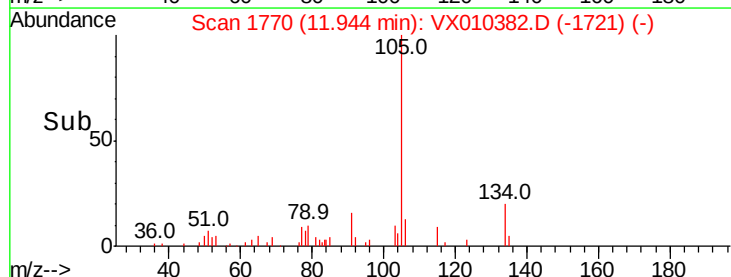
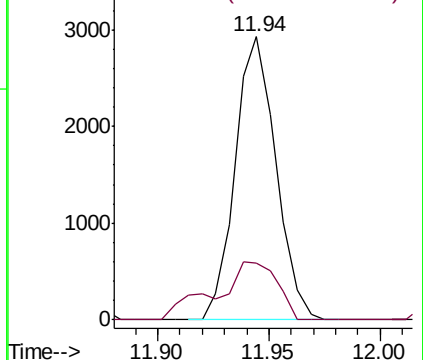
105 100

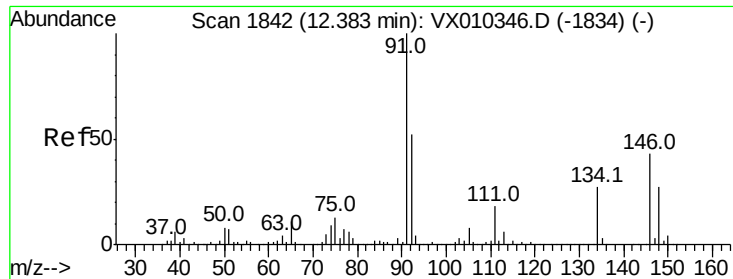
134 31.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 0.333 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

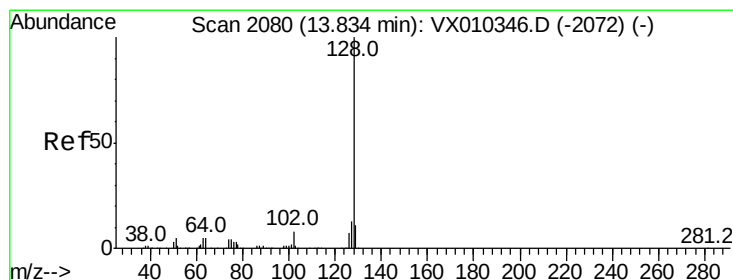
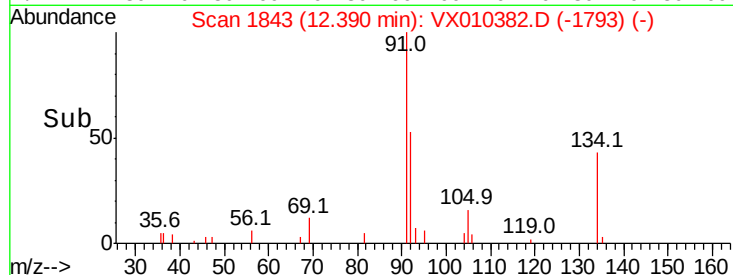
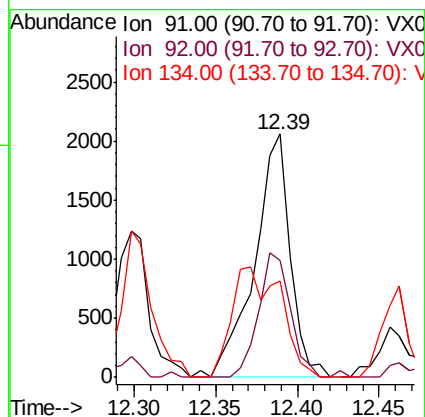
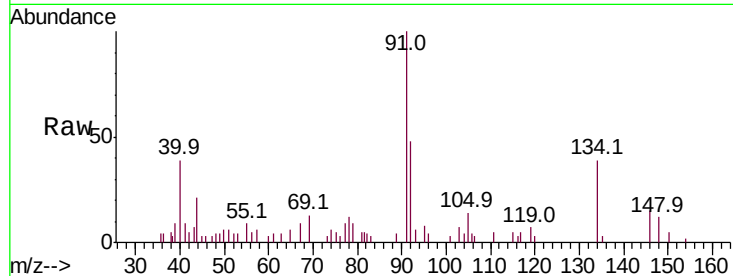
Tot Ion: 91 Resp: 3143

Ion Ratio Lower Upper

91 100

92 45.4 26.2 78.5

134 61.9 14.1 42.4#



#95

Naphthalene

Concen: 5.985 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010382.D

Acq: 21 Jun 2019 14:15

Tgt Ion: 128 Resp: 76267

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.1 8.9 13.3

