

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010364.D
 Acq On : 20 Jun 2019 17:58
 Operator : JC/SP
 Sample : K3469-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-13-8.0-061919

Quant Time: Jun 21 01:23:34 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	304655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	461986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	403147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	138475	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.50	113	142379	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	8.71	98	538270	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	179084	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	712	0.289	ug/l #	55
5) Bromomethane	1.65	94	699	0.531	ug/l	88
6) Chloroethane	1.87	64	1579	0.991	ug/l #	53
11) Tert butyl alcohol	3.04	59	6415	8.583	ug/l #	92
13) Acrolein	2.30	56	190	0.383	ug/l	92
15) Acrylonitrile	3.20	53	1385	0.936	ug/l #	39
16) Acetone	2.44	43	23255	16.244	ug/l	94
17) Carbon Disulfide	2.57	76	1598	0.226	ug/l #	91
19) Methyl tert-butyl Ether	3.20	73	97141	11.693	ug/l	95
25) 2-Butanone	4.68	43	501	0.239	ug/l #	50
31) Cyclohexane	5.57	56	1282	0.311	ug/l #	77
36) 1,1-Dichloropropene	5.65	75	18248	4.971	ug/l #	47
38) Carbon Tetrachloride	5.67	117	27053	6.805	ug/l #	15
39) Methylcyclohexane	7.46	83	4735	0.981	ug/l #	90
40) Benzene	6.15	78	8150	0.713	ug/l	97
49) 1,4-Dioxane	7.65	88	21	0.251	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	2230	0.718	ug/l #	23
73) Isopropylbenzene	11.02	105	31039	2.397	ug/l	100
74) N-amyl acetate	10.94	43	2533	0.518	ug/l #	59
76) 1,2,3-Trichloropropane	11.13	75	82520	23.707	ug/l #	34
78) n-propylbenzene	11.36	91	41051	2.885	ug/l	100
79) 2-Chlorotoluene	11.36	91	41051	4.844	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	82520	55.306	ug/l #	16
82) 4-Chlorotoluene	11.36	91	41051	4.257	ug/l #	43
83) tert-Butylbenzene	11.77	119	3992	0.373	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	2303	0.215	ug/l	98
85) sec-Butylbenzene	11.94	105	17903	1.423	ug/l	85
86) p-Isopropyltoluene	12.23	119	9634	0.828	ug/l	95
89) n-Butylbenzene	12.38	91	5241	0.530	ug/l #	63
90) Hexachloroethane	12.66	117	5730	2.848	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	513	0.555	ug/l #	1
95) Naphthalene	13.83	128	50887	3.807	ug/l	96

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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

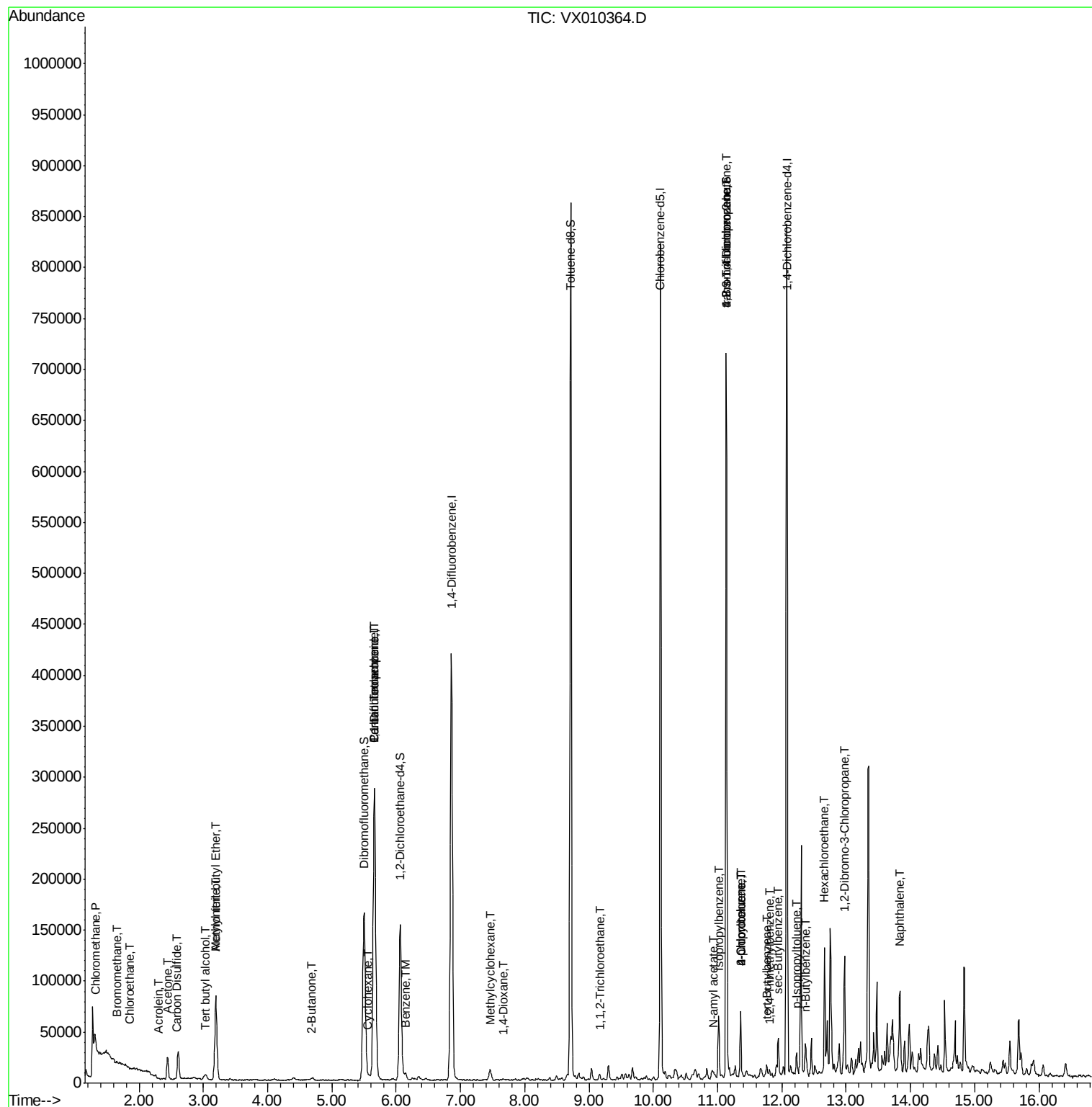
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

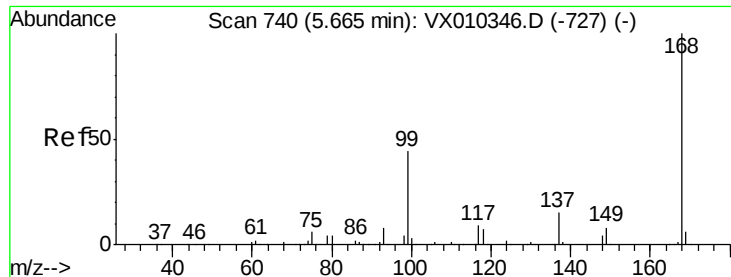
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

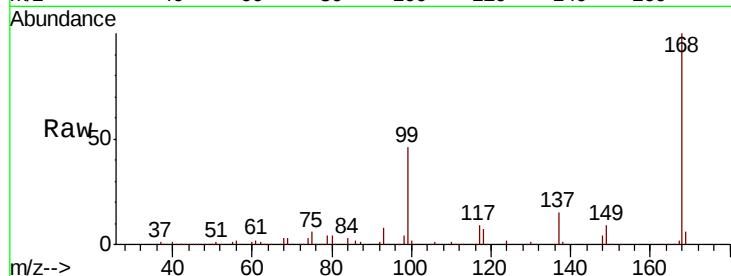
T11-MW-13-8.0-061919

Tot Ion:168 Resp: 304655

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

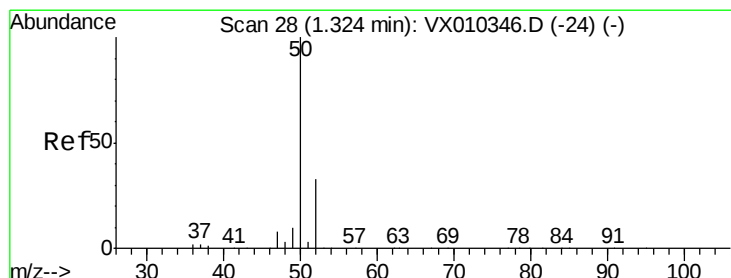
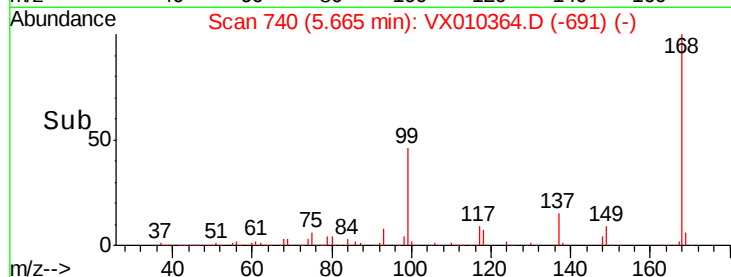
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.289 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010364.D

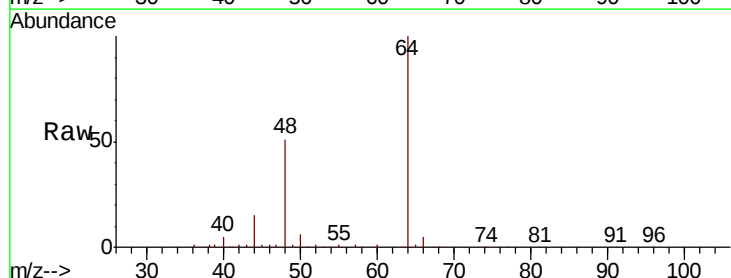
Acq: 20 Jun 2019 17:58

Tgt Ion: 50 Resp: 712

Ion Ratio Lower Upper

50 100

52 7.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

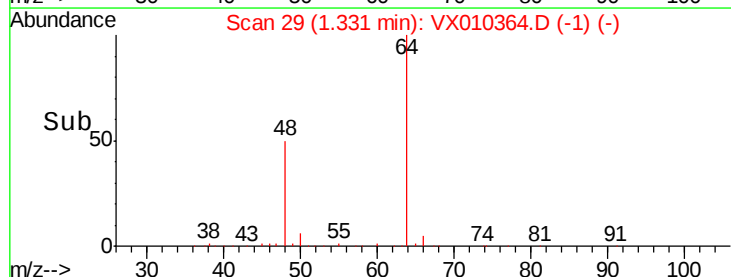
1.33

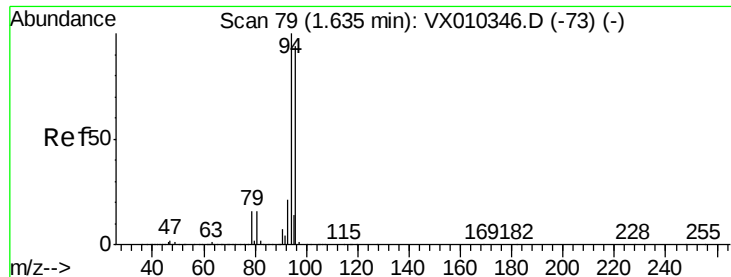
1000

500

0

Time--> 1.32 1.34





#5

Bromomethane

Concen: 0.531 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

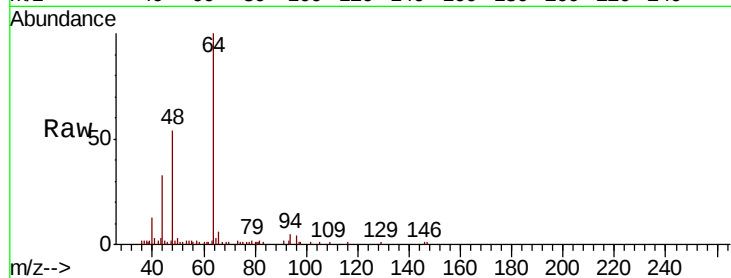
T11-MW-13-8.0-061919

Tot Ion: 94 Resp: 699

Ion Ratio Lower Upper

94 100

96 82.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

300

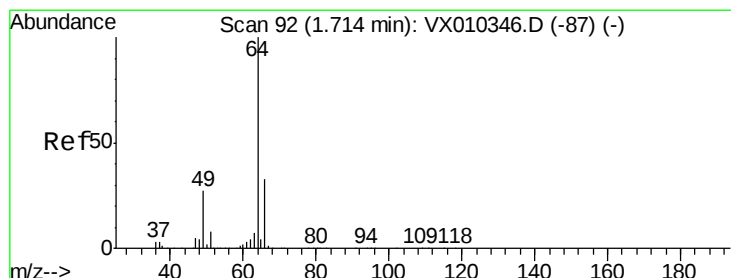
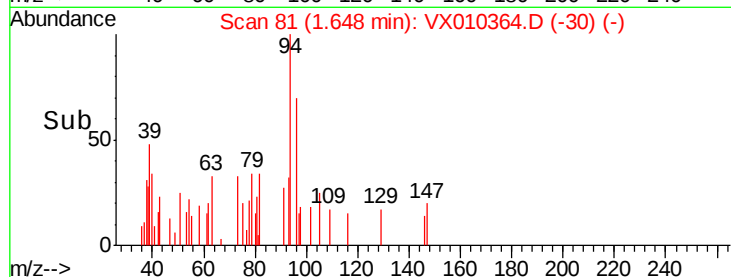
200

100

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 0.991 ug/l

RT: 1.87 min Scan# 117

Delta R.T. 0.15 min

Lab File: VX010364.D

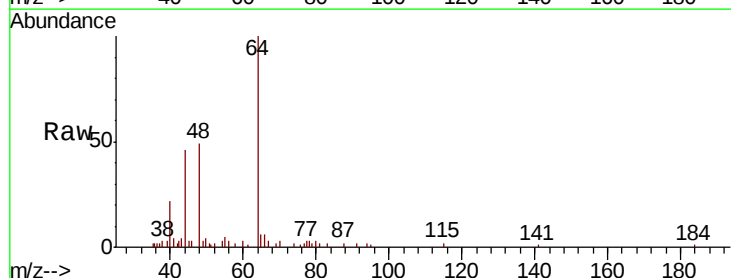
Acq: 20 Jun 2019 17:58

Tgt Ion: 64 Resp: 1579

Ion Ratio Lower Upper

64 100

66 6.4 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.87

5000

4000

3000

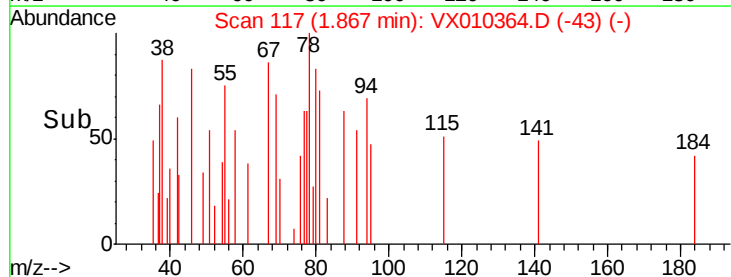
2000

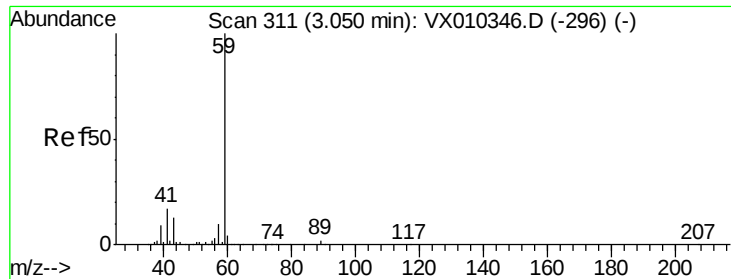
1000

0

Time-->

1.84 1.86 1.88 1.90 1.92



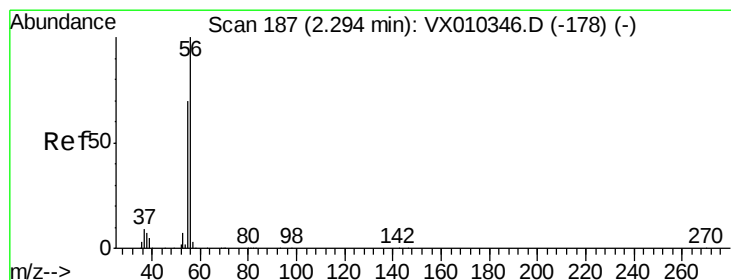
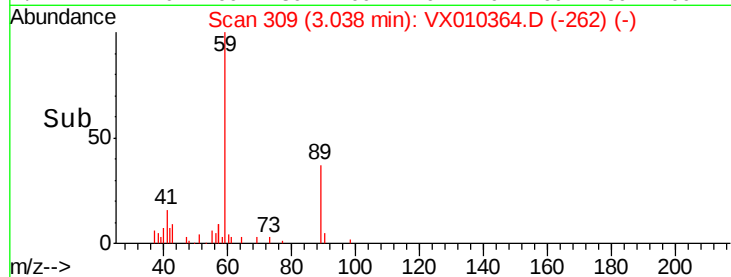
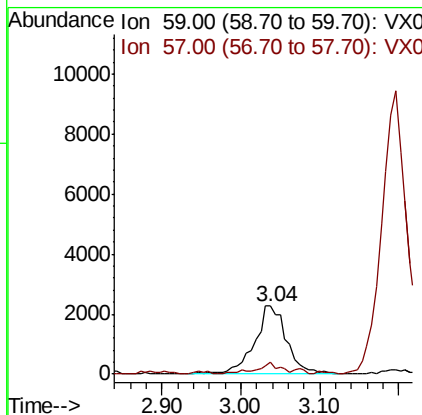
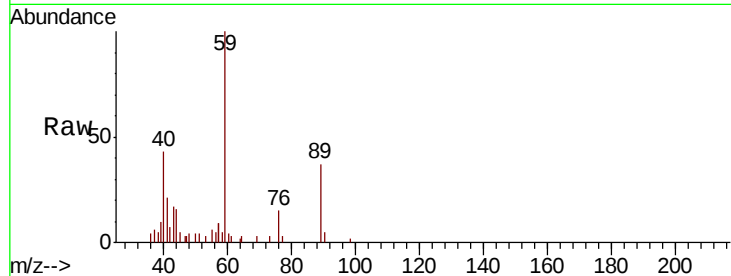


#11

Tert butyl alcohol
 Concen: 8.583 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-13-8.0-061919

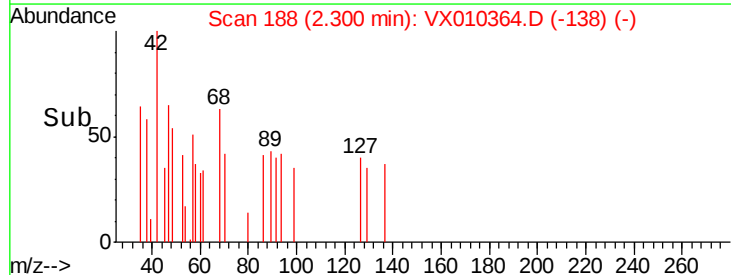
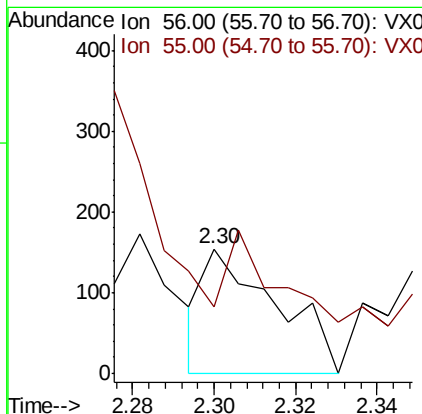
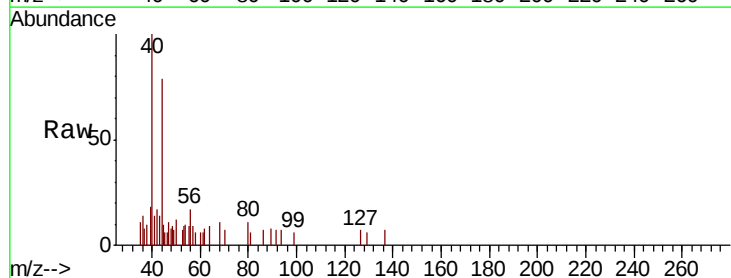
Tot Ion: 59 Resp: 6415
 Ion Ratio Lower Upper
 59 100
 57 12.4 7.7 11.5#

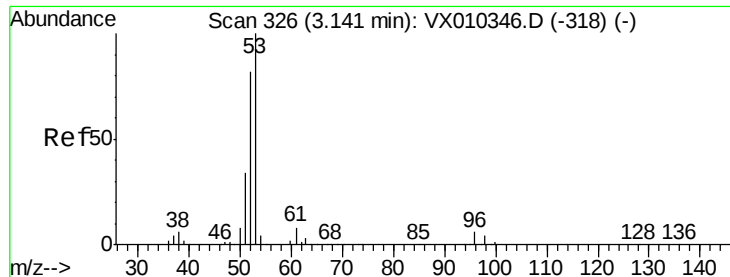


#13

Acrolein
 Concen: 0.383 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

Tgt Ion: 56 Resp: 190
 Ion Ratio Lower Upper
 56 100
 55 64.2 56.9 85.3





#15

Acrylonitrile

Concen: 0.936 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.06 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-061919

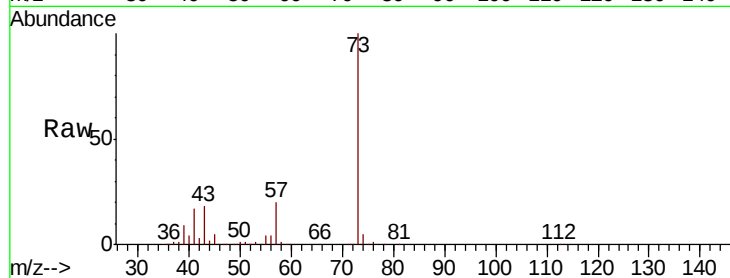
Tot Ion: 53 Resp: 1385

Ion Ratio Lower Upper

53 100

52 27.2 65.5 98.3#

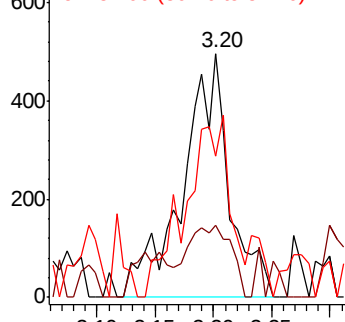
51 70.8 28.2 42.4#



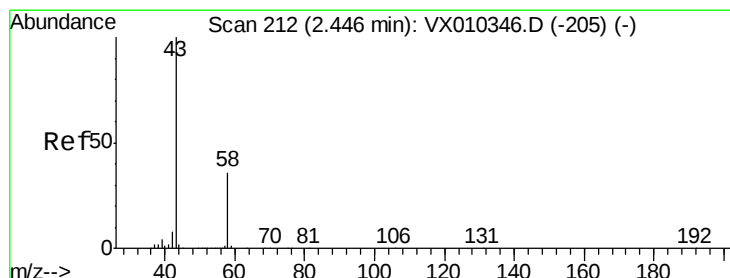
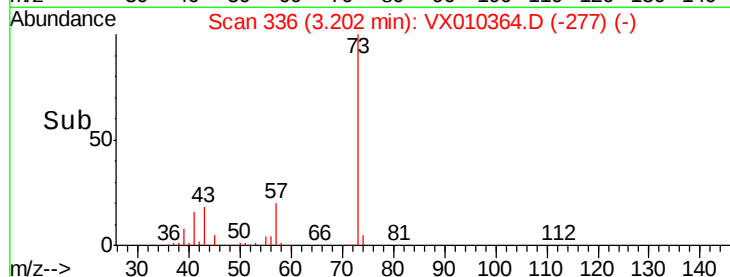
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 16.244 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010364.D

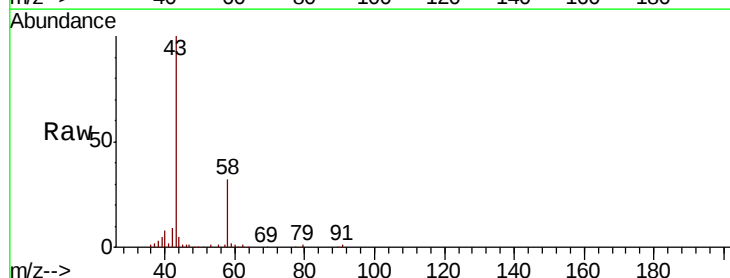
Acq: 20 Jun 2019 17:58

Tgt Ion: 43 Resp: 23255

Ion Ratio Lower Upper

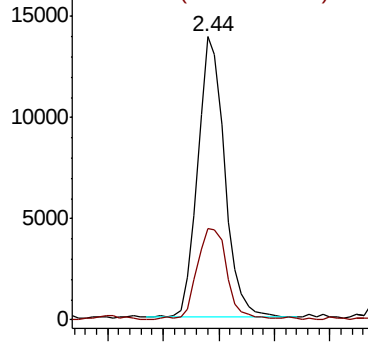
43 100

58 32.6 28.9 43.3

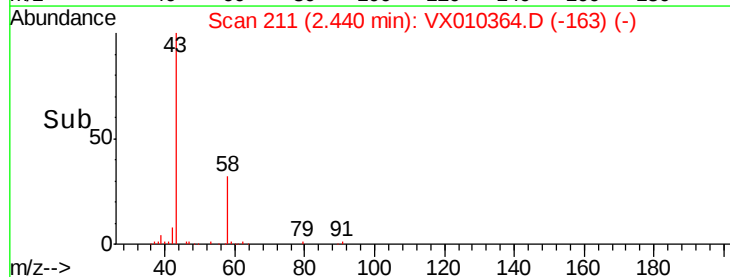


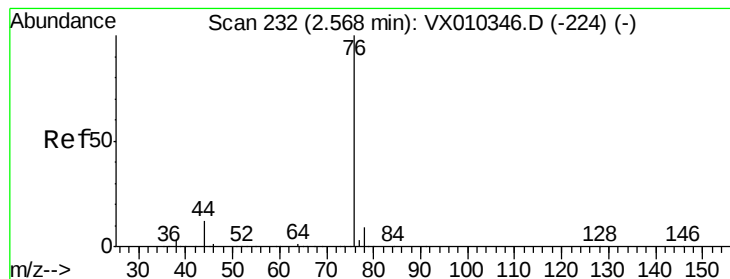
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 0.226 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

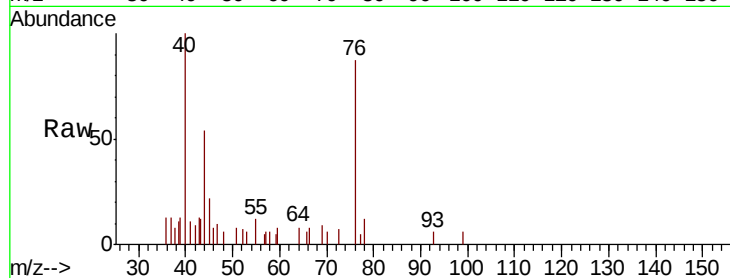
T11-MW-13-8.0-061919

Tot Ion: 76 Resp: 1598

Ion Ratio Lower Upper

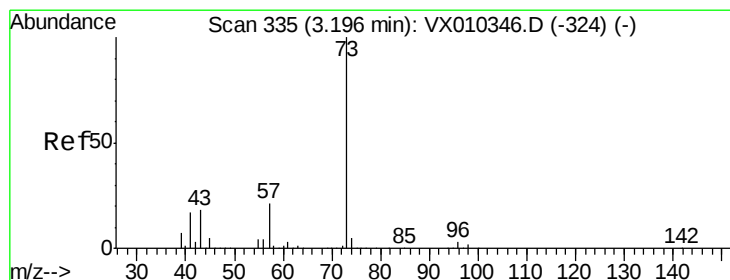
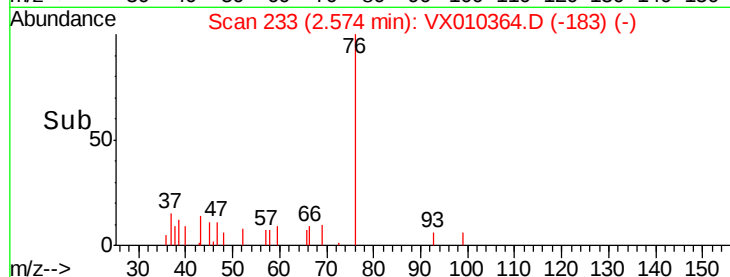
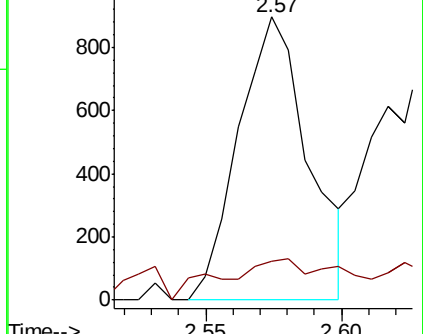
76 100

78 5.8 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#19

Methyl tert-butyl Ether

Concen: 11.693 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX010364.D

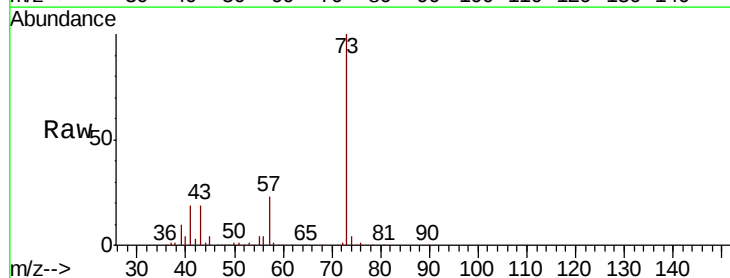
Acq: 20 Jun 2019 17:58

Tgt Ion: 73 Resp: 97141

Ion Ratio Lower Upper

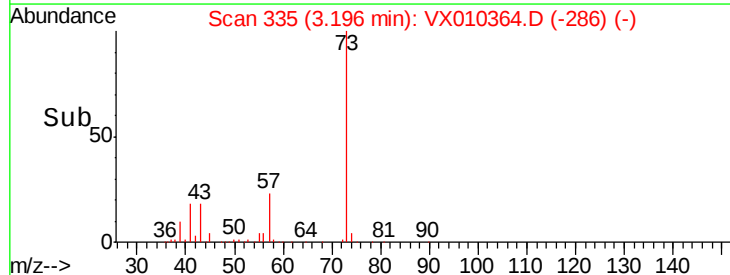
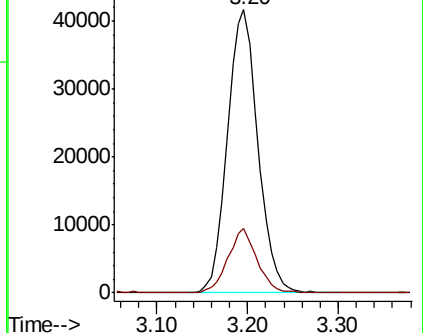
73 100

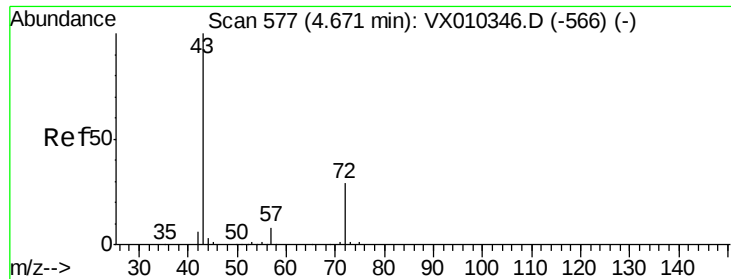
57 22.6 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

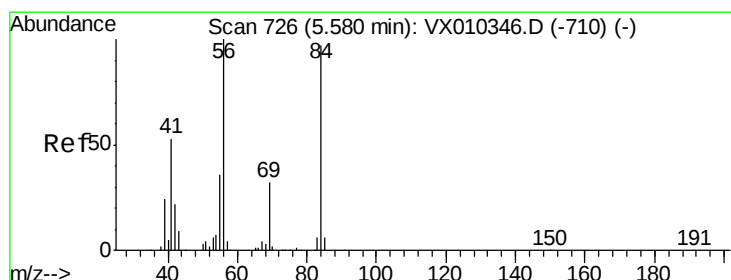
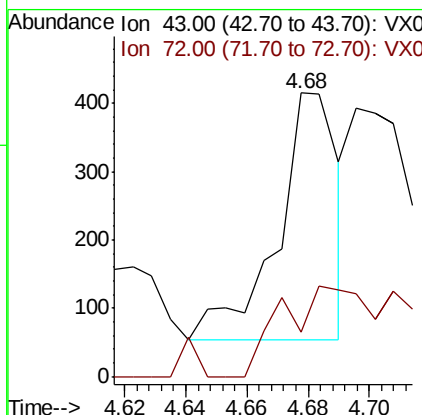
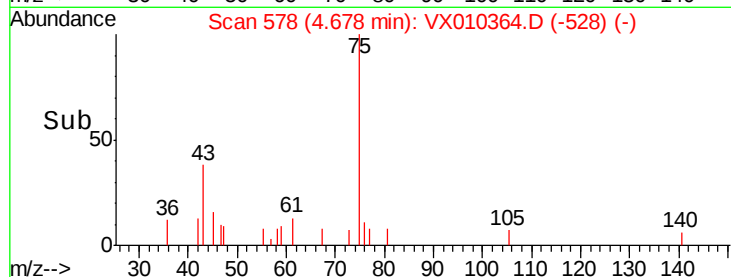
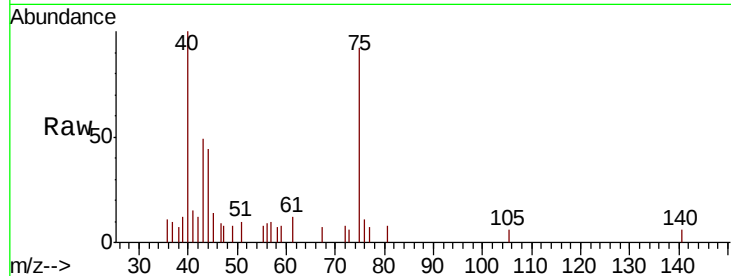




#25
 2-Butanone
 Concen: 0.239 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

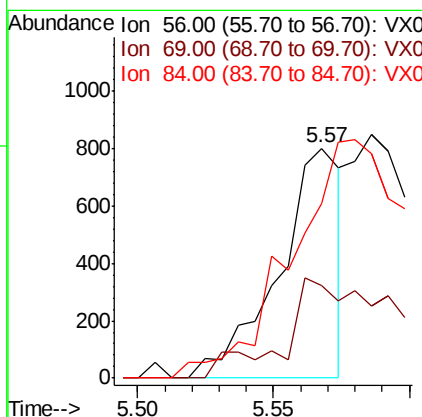
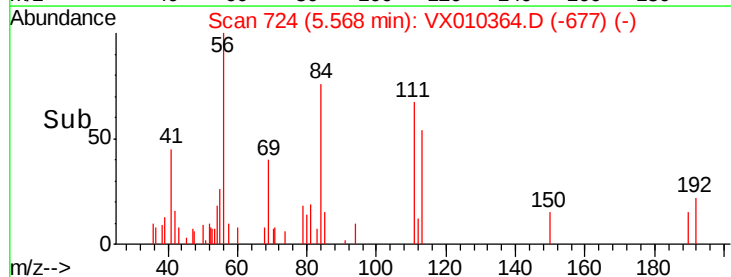
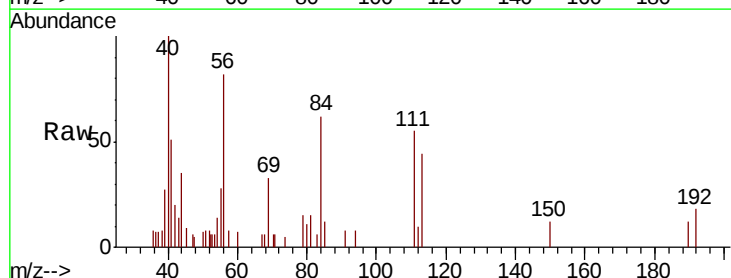
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 T11-MW-13-8.0-061919

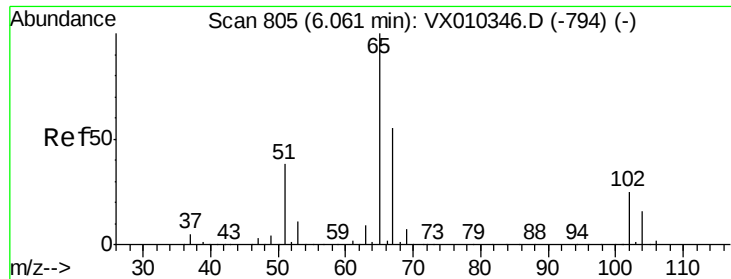
Tot Ion: 43 Resp: 501
 Ion Ratio Lower Upper
 43 100
 72 2.2 23.3 34.9#



#31
 Cyclohexane
 Concen: 0.311 ug/l
 RT: 5.57 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

Tgt Ion: 56 Resp: 1282
 Ion Ratio Lower Upper
 56 100
 69 43.2 25.9 38.9#
 84 74.0 78.0 117.0#

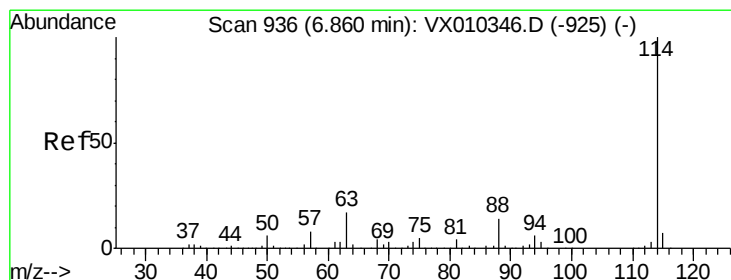
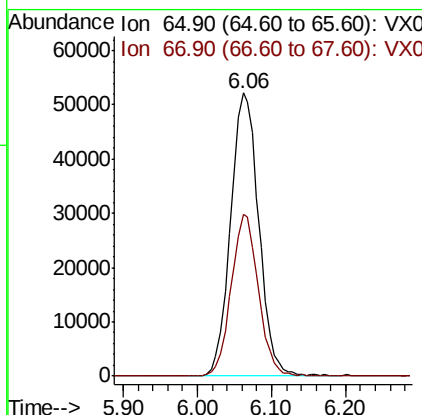
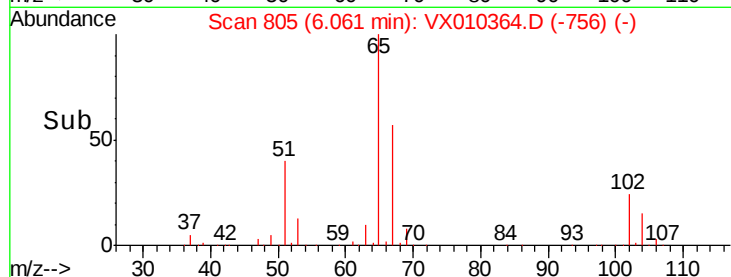
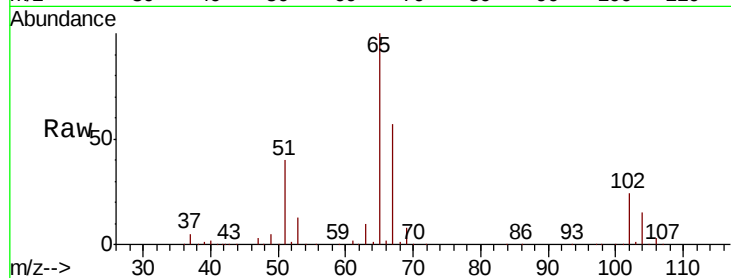




#33
 1,2-Dichloroethane-d4
 Concen: 48.478 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

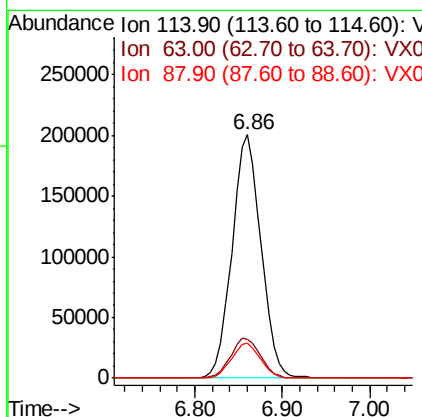
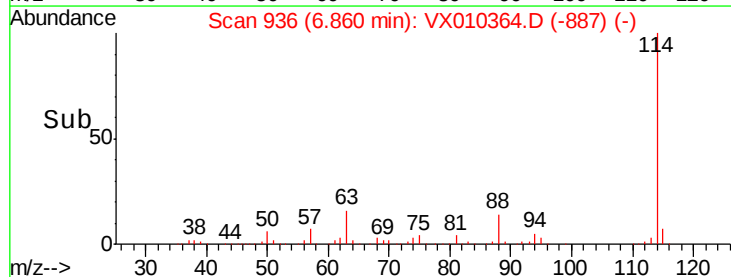
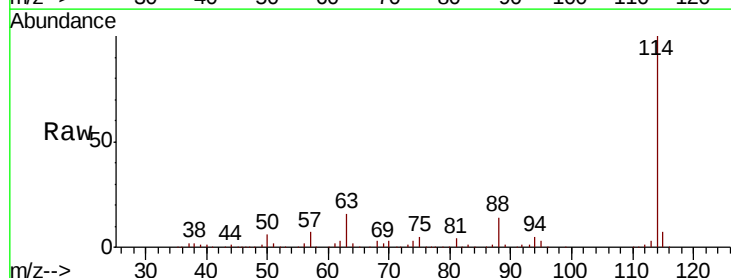
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-13-8.0-061919

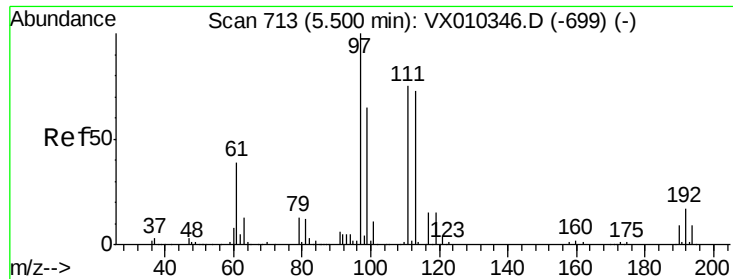
Tot Ion: 65 Resp: 138475
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

Tgt Ion: 114 Resp: 461986
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 33.8
 88 14.2 0.0 27.6

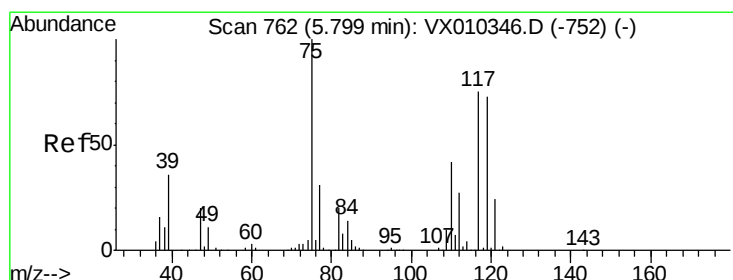
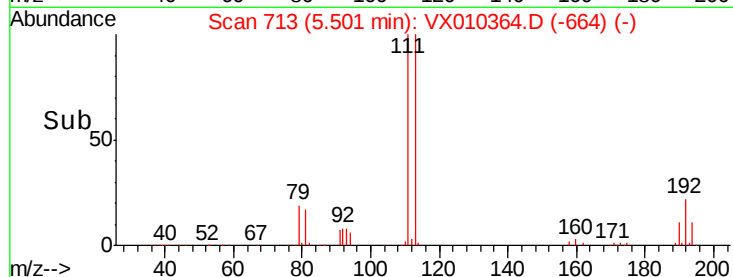
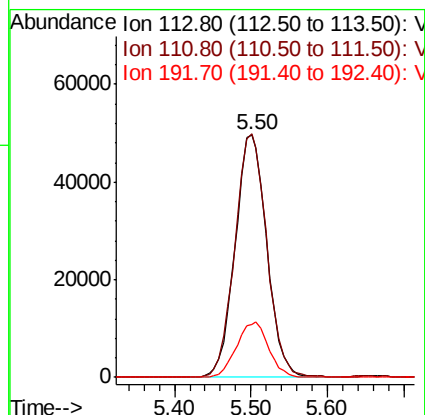
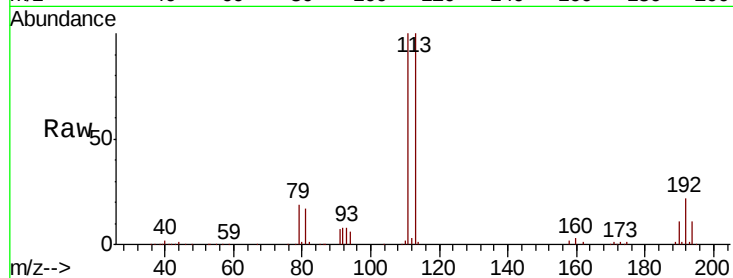




#35
 Dibromofluoromethane
 Concen: 50.371 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

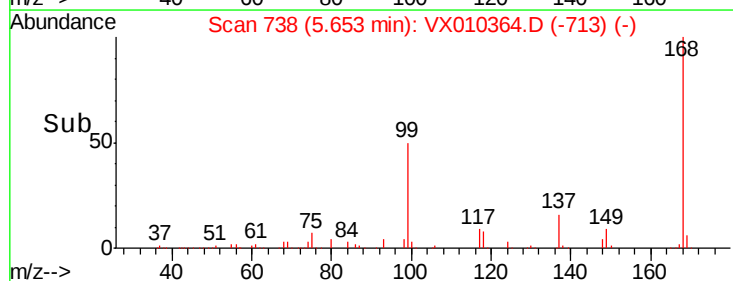
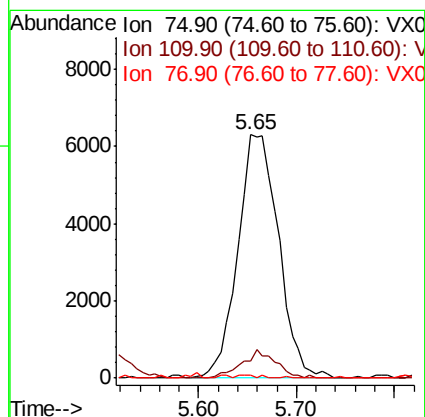
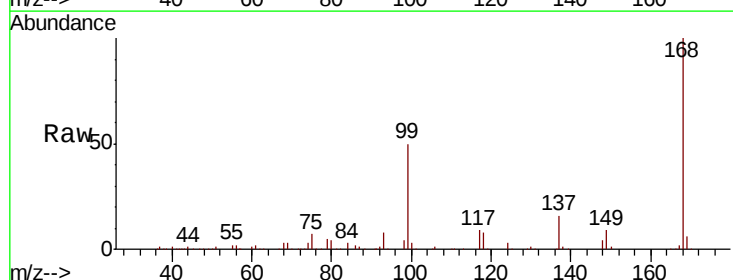
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-13-8.0-061919

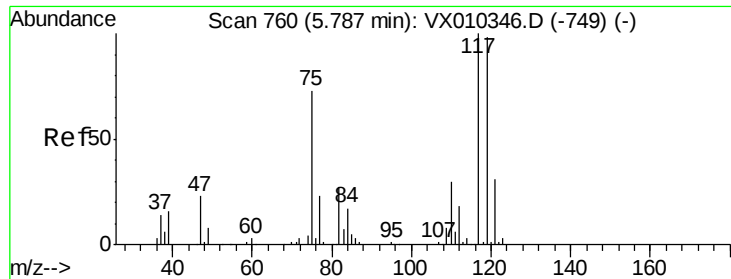
Tot Ion:113 Resp: 142379
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.2 121.8
 192 23.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 4.971 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

Tgt Ion: 75 Resp: 18248
 Ion Ratio Lower Upper
 75 100
 110 9.7 20.8 62.2#
 77 0.5 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.805 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-061919

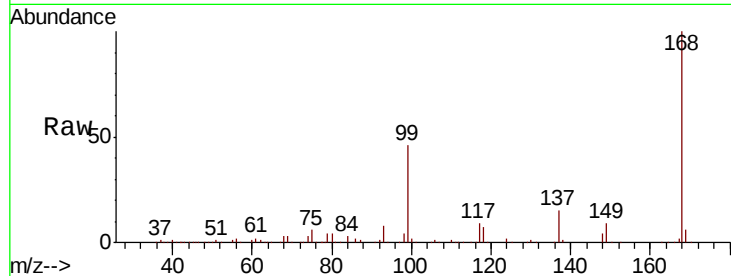
Tot Ion:117 Resp: 27053

Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.4#

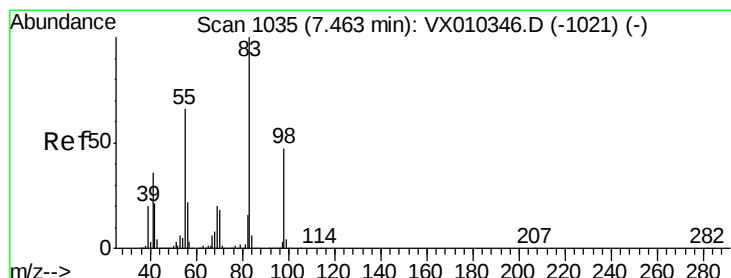
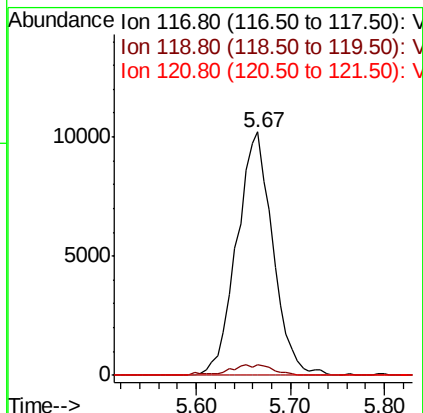
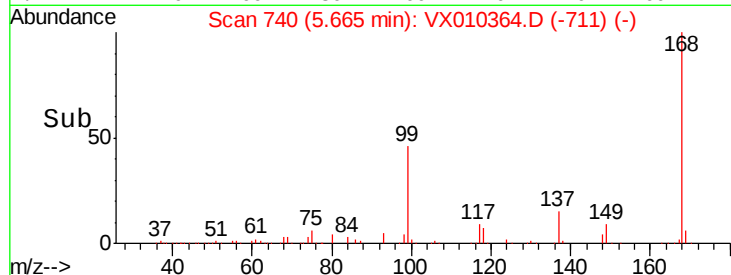
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.981 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

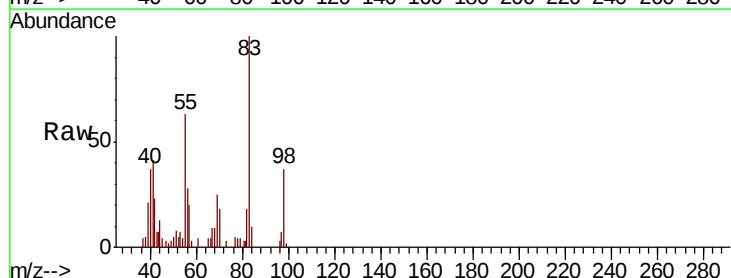
Tgt Ion: 83 Resp: 4735

Ion Ratio Lower Upper

83 100

55 61.1 53.0 79.6

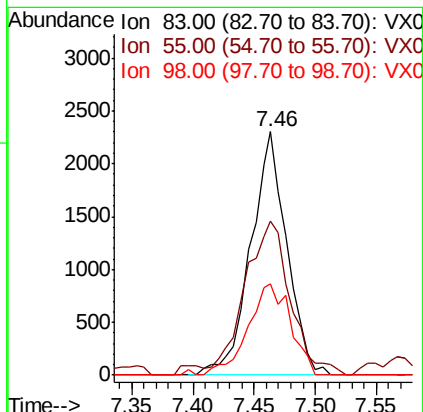
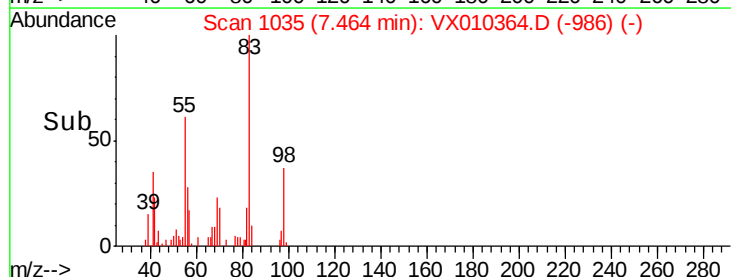
98 37.3 37.8 56.8#

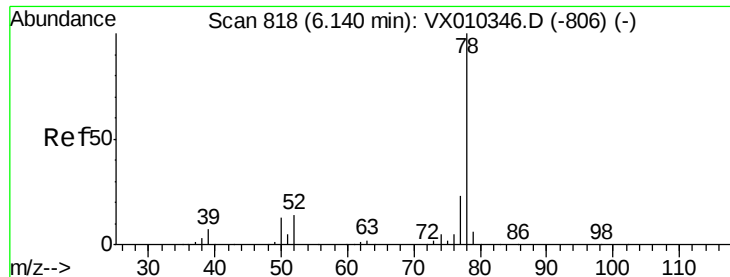


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.713 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

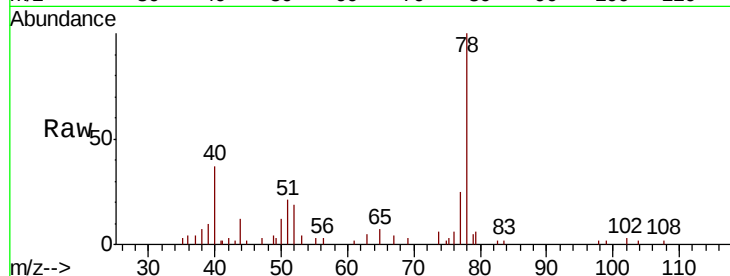
T11-MW-13-8.0-061919

Tot Ion: 78 Resp: 8150

Ion Ratio Lower Upper

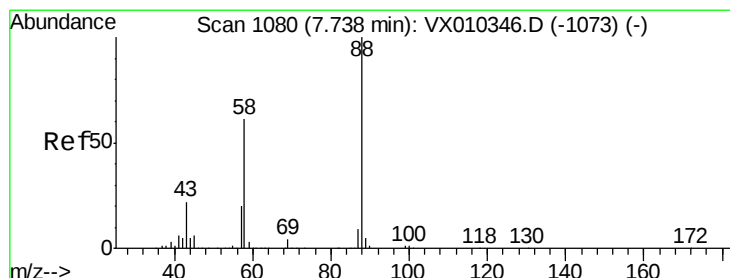
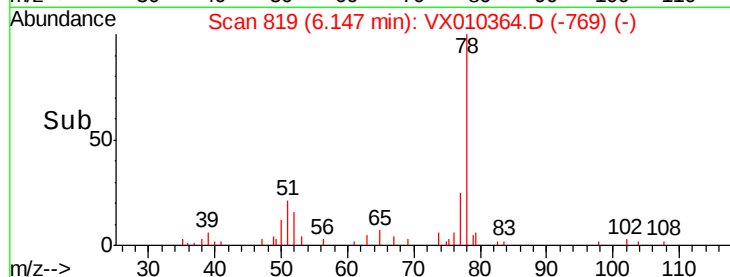
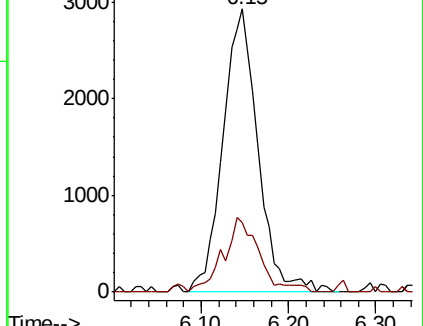
78 100

77 24.8 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

1,4-Dioxane

Concen: 0.251 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.09 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

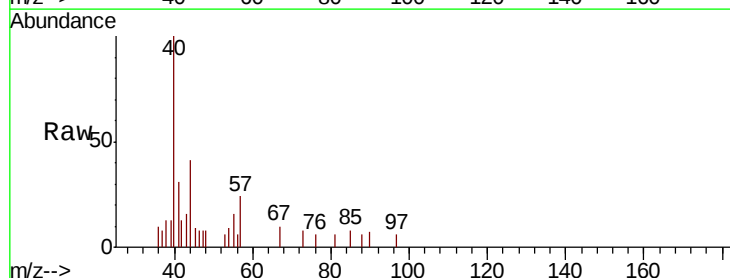
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 2057.1 20.2 30.2#

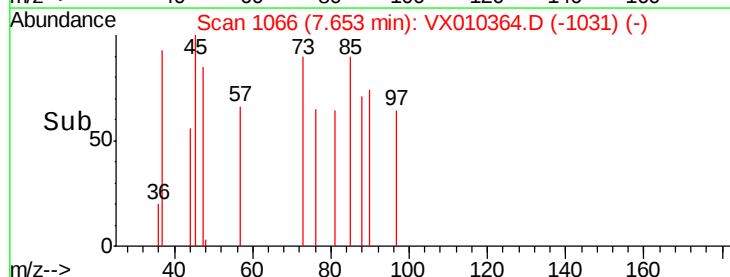
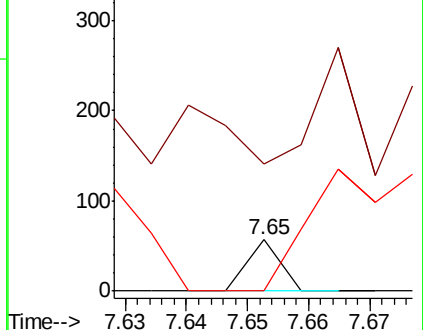
58 752.4 49.5 74.3#

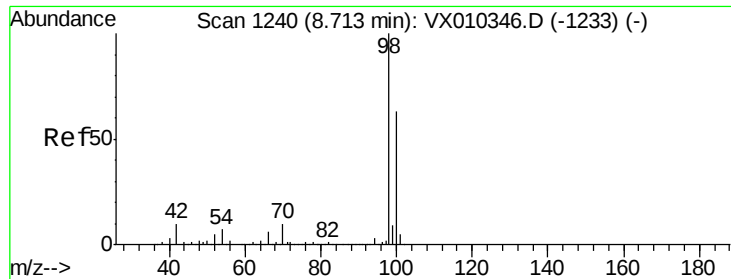


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.775 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

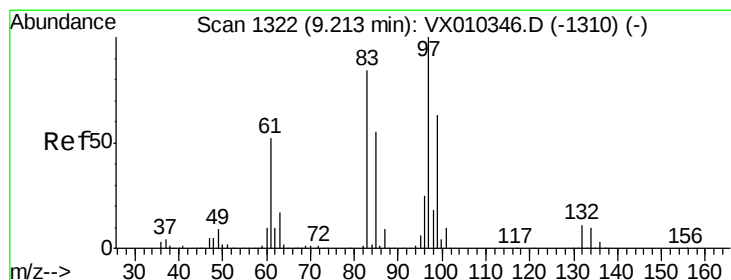
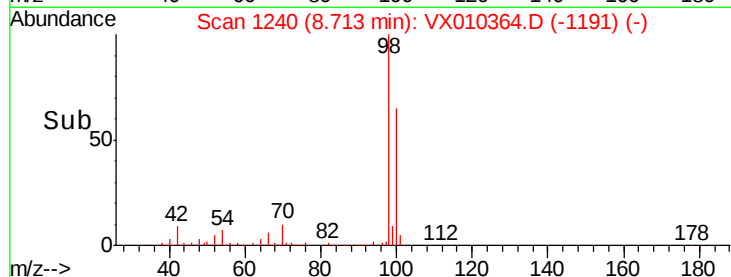
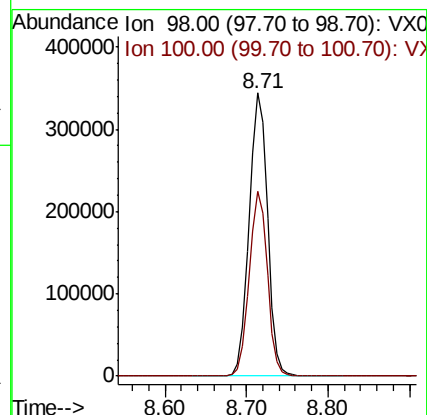
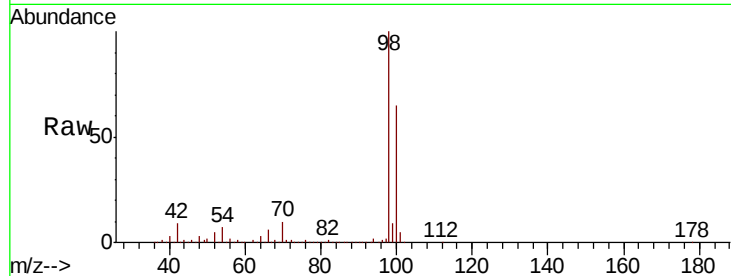
T11-MW-13-8.0-061919

Tot Ion: 98 Resp: 538270

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#55

1,1,2-Trichloroethane

Concen: 0.718 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Tgt Ion: 97 Resp: 2230

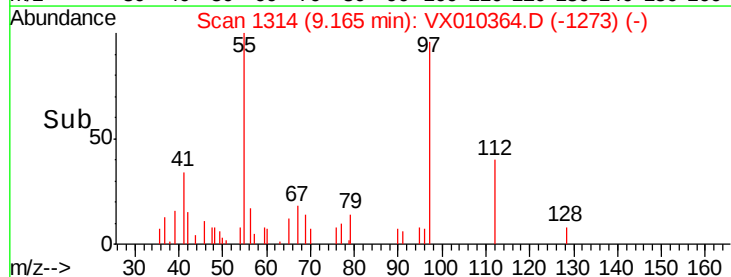
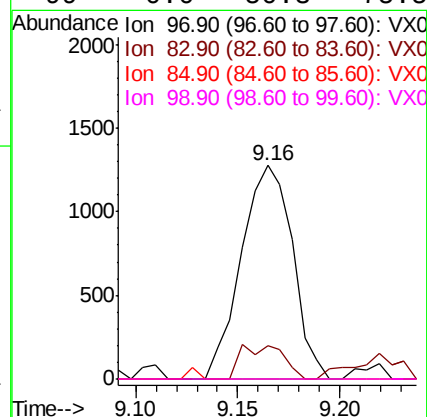
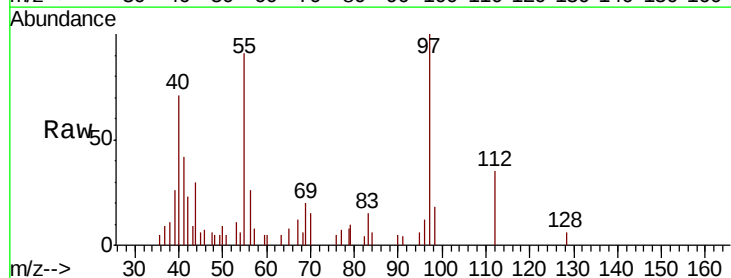
Ion Ratio Lower Upper

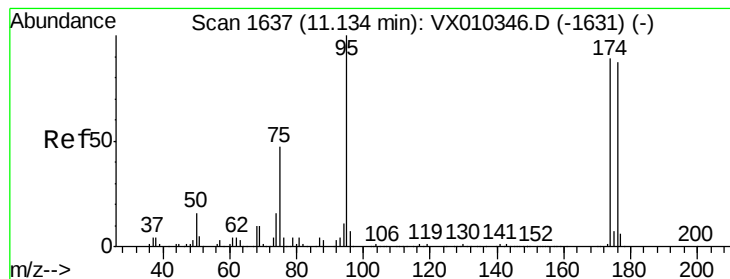
97 100

83 15.4 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#





#62

4-Bromofluorobenzene

Concen: 45.870 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-061919

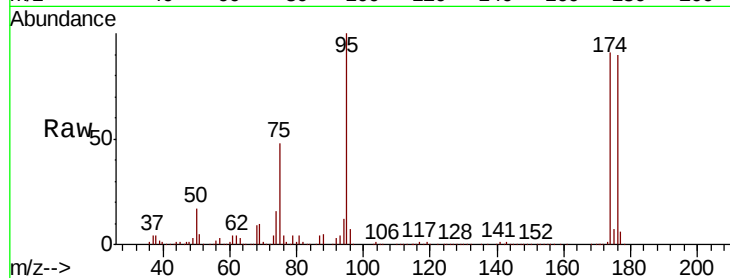
Tot Ion: 95 Resp: 179084

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.6

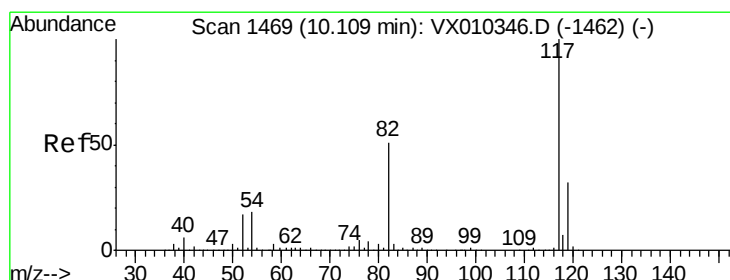
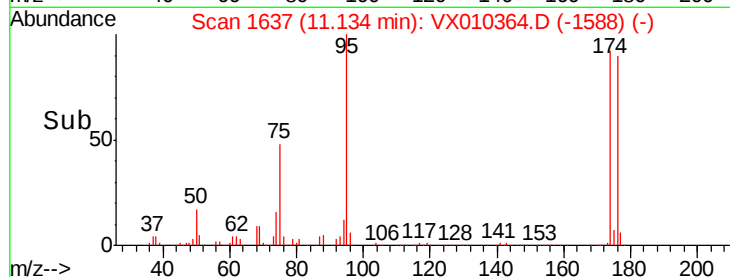
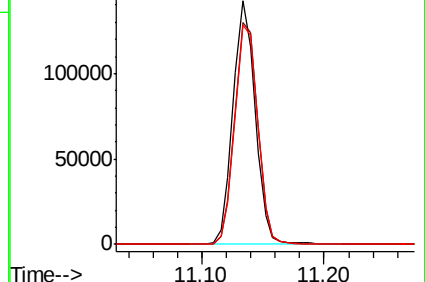
176 92.8 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

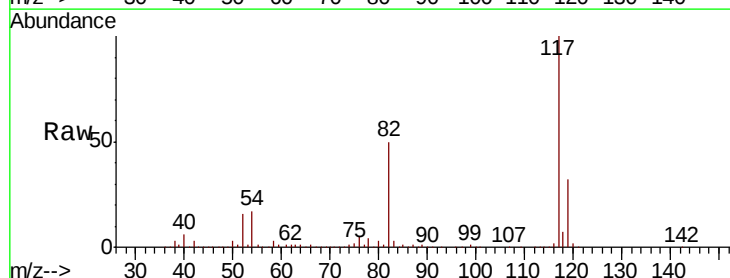
Tgt Ion: 117 Resp: 403147

Ion Ratio Lower Upper

117 100

82 49.8 41.2 61.8

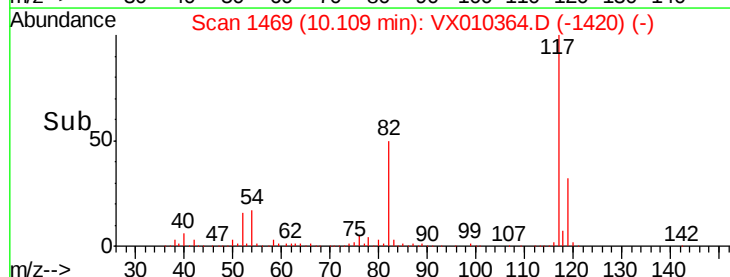
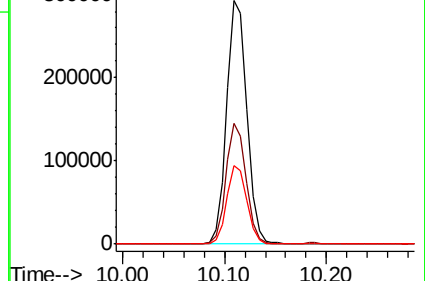
119 32.4 25.5 38.3

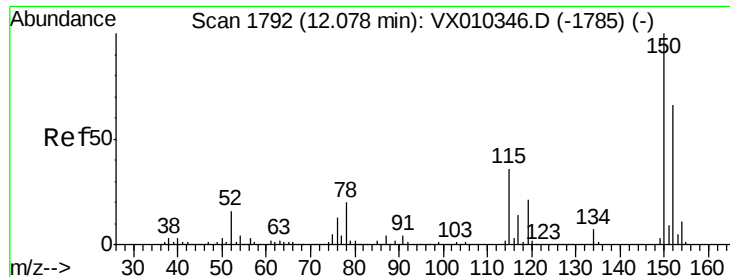


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-061919

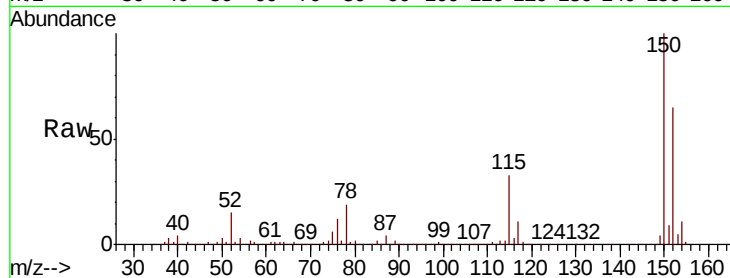
Tot Ion:152 Resp: 191015

Ion Ratio Lower Upper

152 100

115 53.6 38.6 115.7

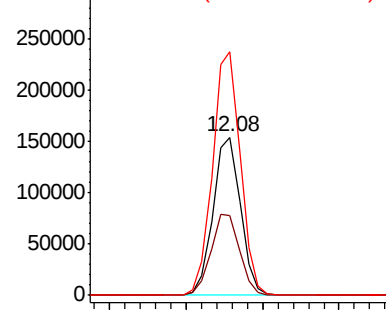
150 155.9 0.0 347.4



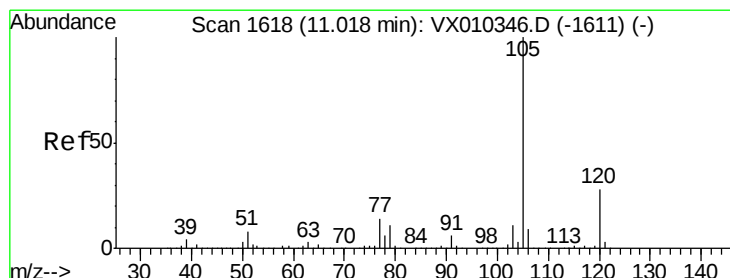
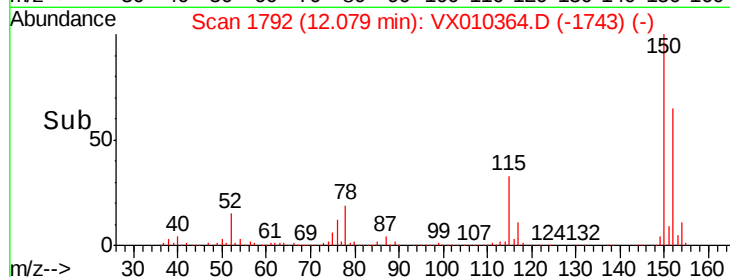
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#73

Isopropylbenzene

Concen: 2.397 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010364.D

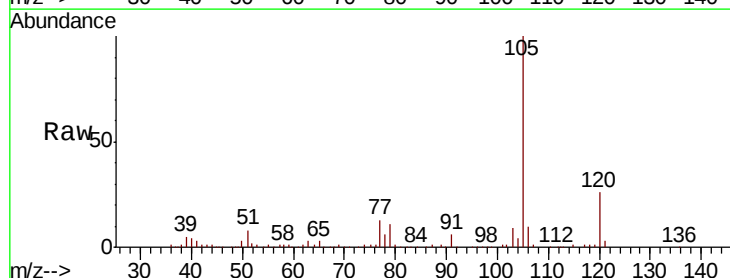
Acq: 20 Jun 2019 17:58

Tgt Ion:105 Resp: 31039

Ion Ratio Lower Upper

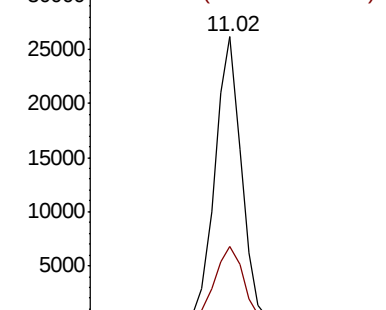
105 100

120 28.1 14.1 42.4

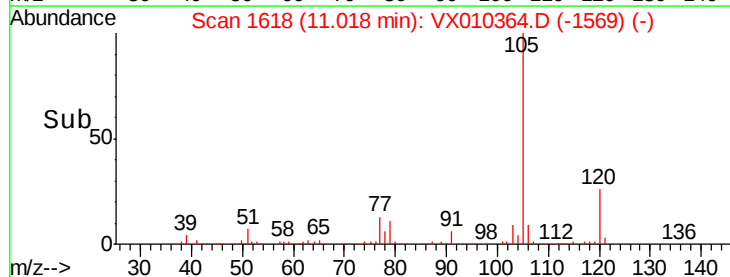


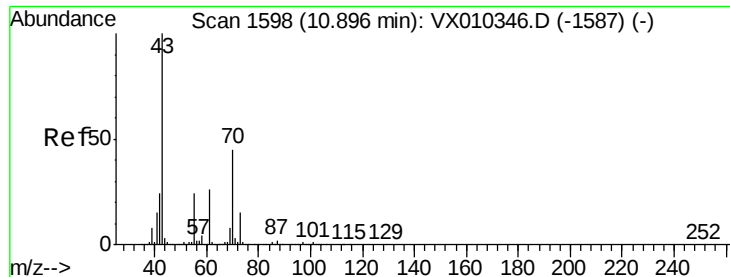
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#74

N-amvl acetate

Concen: 0.518 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-061919

Tot Ion: 43 Resp: 2533

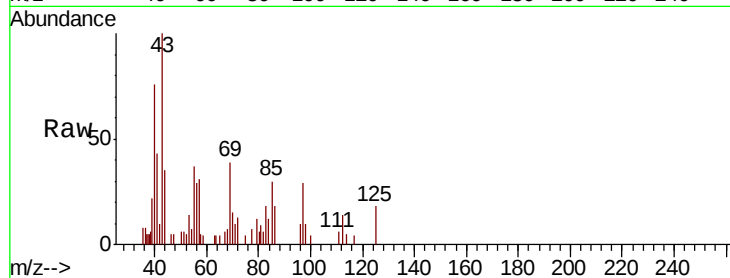
Ion Ratio Lower Upper

43 100

70 43.3 36.6 54.8

55 74.3 18.7 28.1#

61 0.0 20.6 31.0#

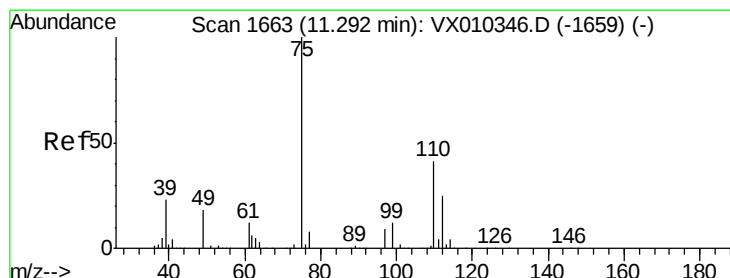
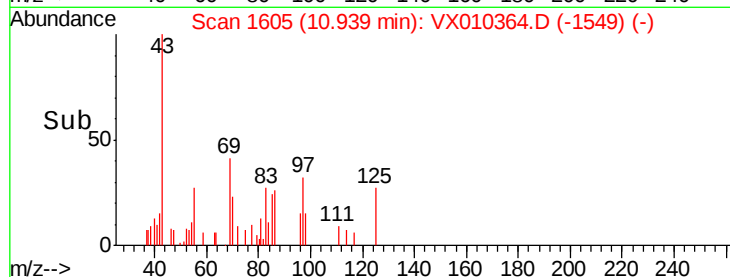
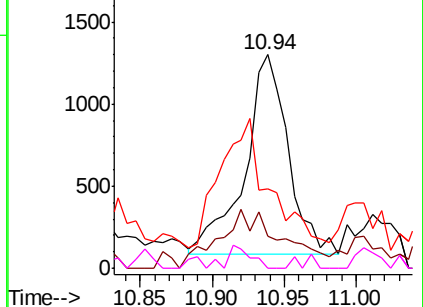


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 23.707 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010364.D

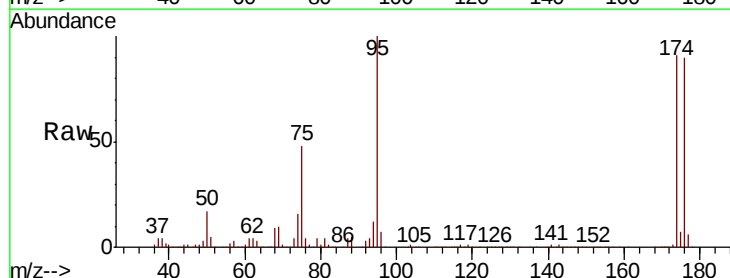
Acq: 20 Jun 2019 17:58

Tgt Ion: 75 Resp: 82520

Ion Ratio Lower Upper

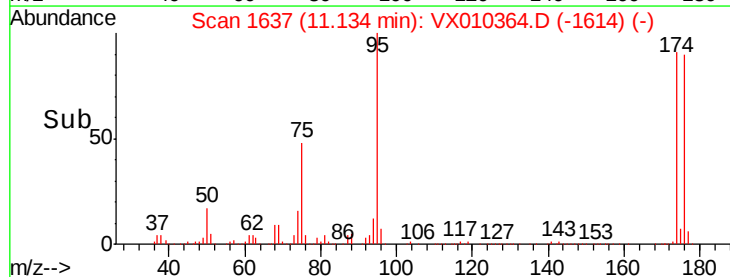
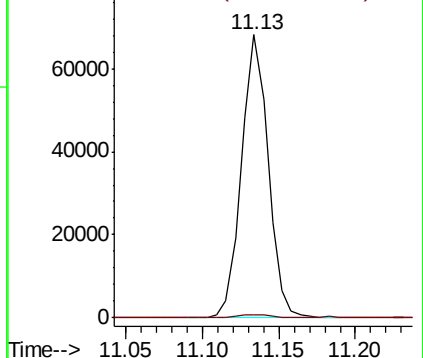
75 100

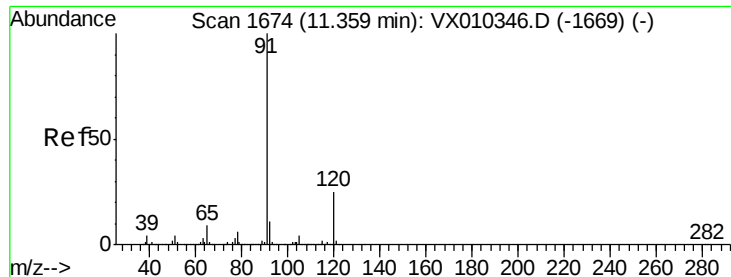
77 1.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.885 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

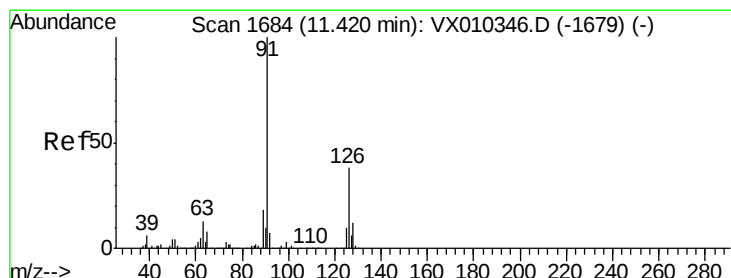
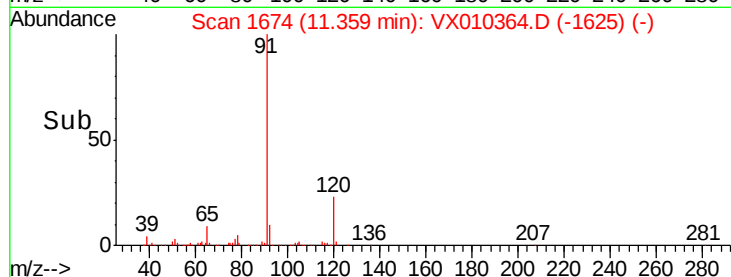
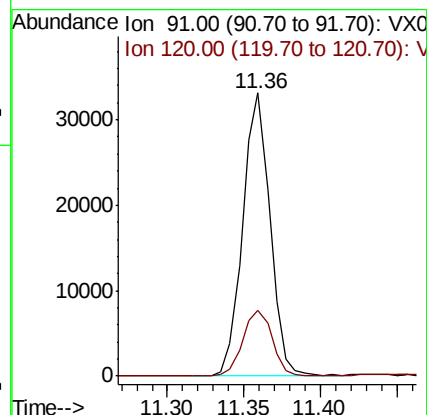
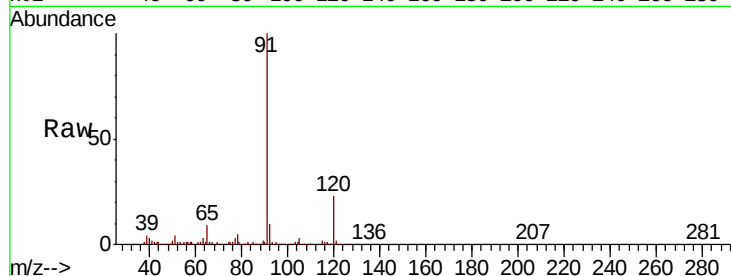
T11-MW-13-8.0-061919

Tot Ion: 91 Resp: 41051

Ion Ratio Lower Upper

91 100

120 24.9 12.4 37.4



#79

2-Chlorotoluene

Concen: 4.844 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010364.D

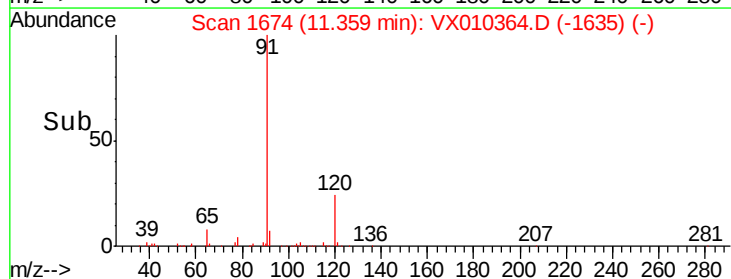
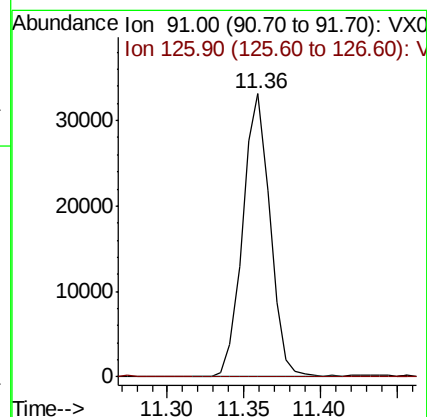
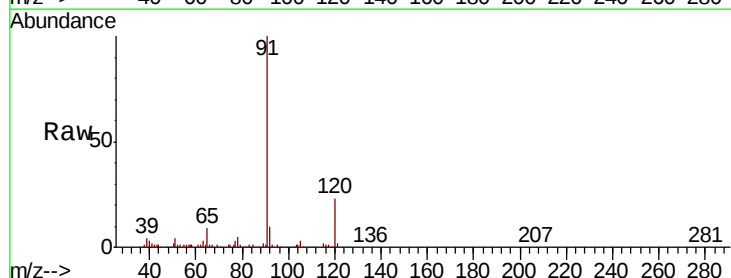
Acq: 20 Jun 2019 17:58

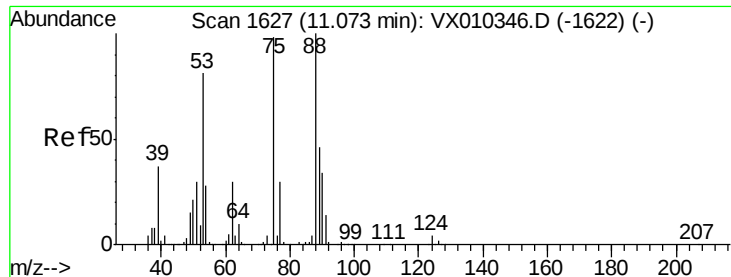
Tgt Ion: 91 Resp: 41051

Ion Ratio Lower Upper

91 100

126 0.4 18.7 56.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 55.306 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-061919

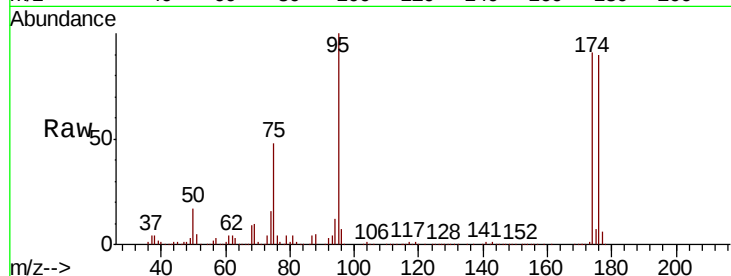
Tot Ion: 75 Resp: 82520

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

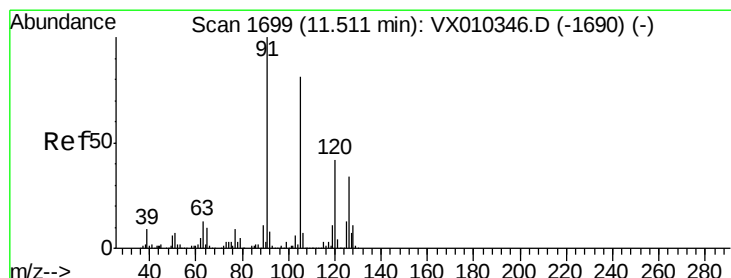
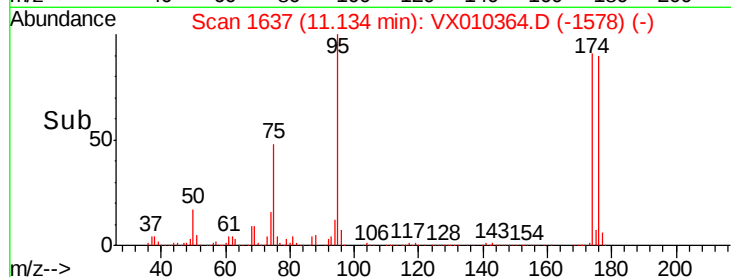
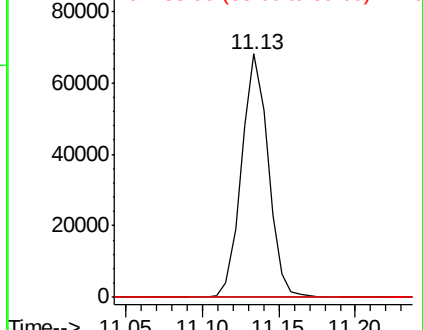
89 0.0 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.257 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010364.D

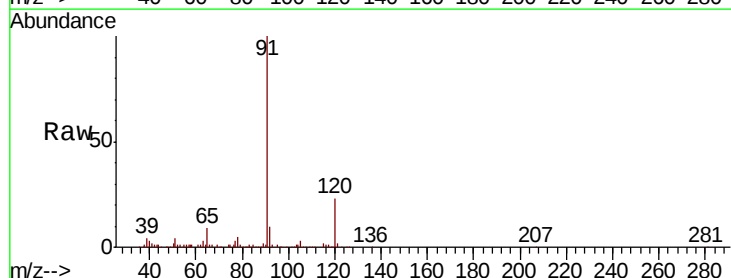
Acq: 20 Jun 2019 17:58

Tgt Ion: 91 Resp: 41051

Ion Ratio Lower Upper

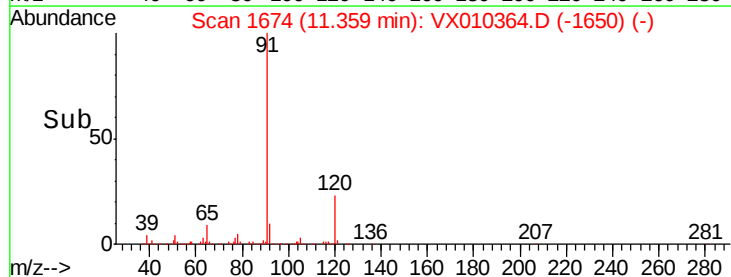
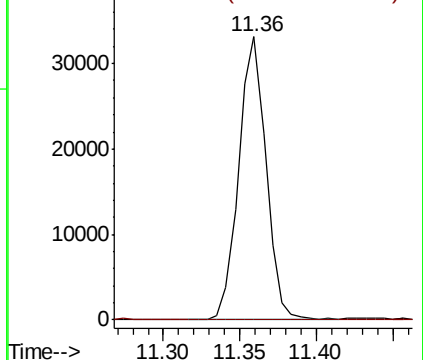
91 100

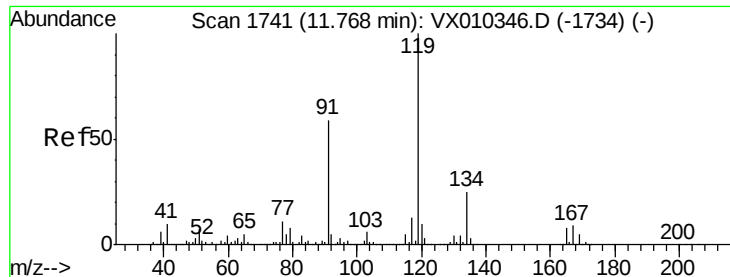
126 0.4 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

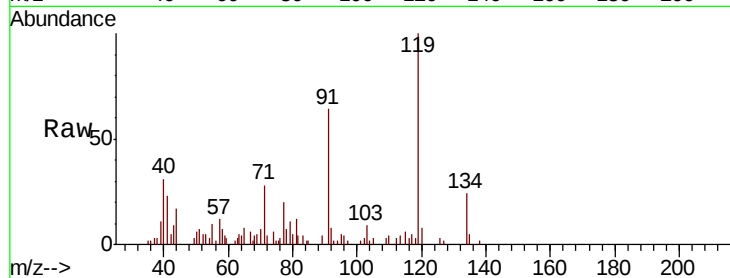




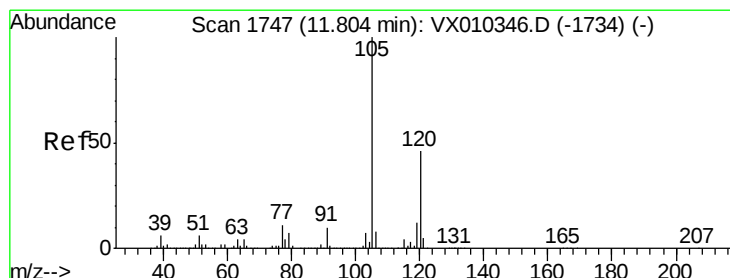
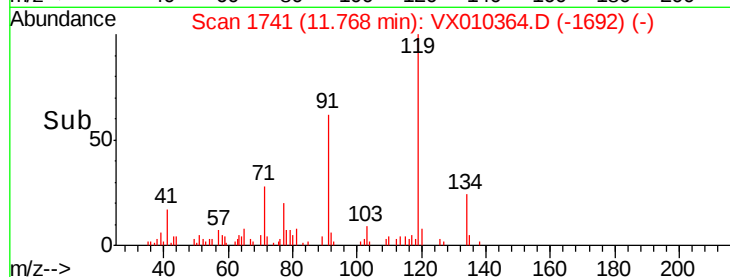
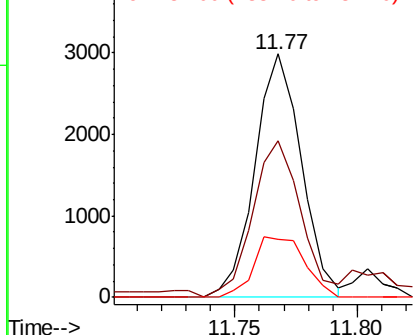
#83
 tert-Butylbenzene
 Concen: 0.373 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-13-8.0-061919

Tot Ion:119 Resp: 3992
 Ion Ratio Lower Upper
 119 100
 91 66.5 27.6 82.7
 134 27.1 11.8 35.4

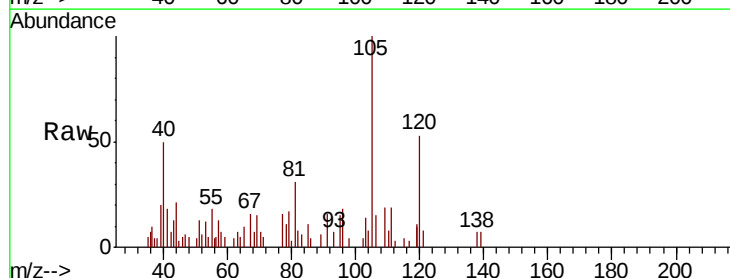


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

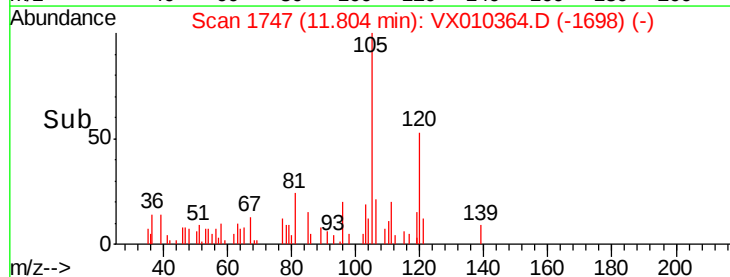
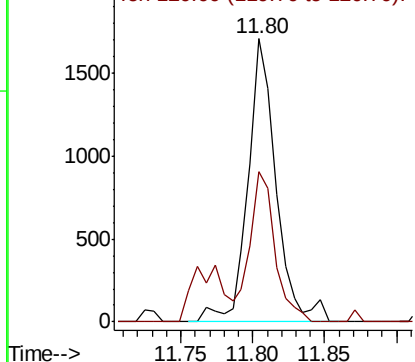


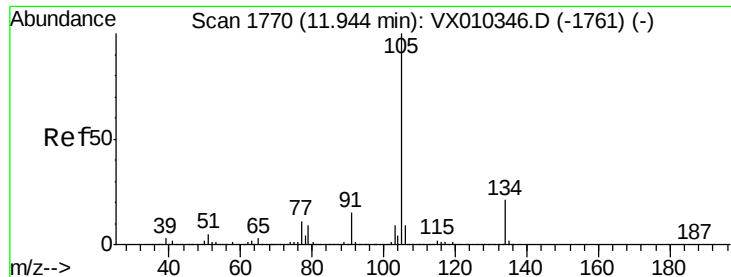
#84
 1,2,4-Trimethylbenzene
 Concen: 0.215 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010364.D
 Acq: 20 Jun 2019 17:58

Tgt Ion:105 Resp: 2303
 Ion Ratio Lower Upper
 105 100
 120 47.3 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: 1.423 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

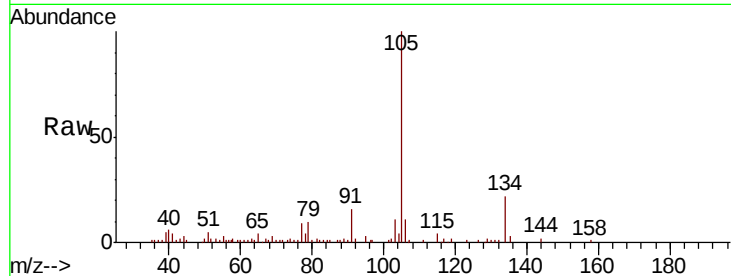
T11-MW-13-8.0-061919

Tot Ion:105 Resp: 17903

Ion Ratio Lower Upper

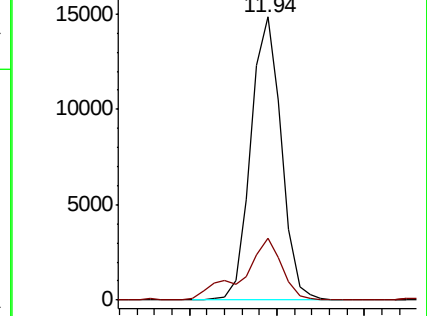
105 100

134 28.2 10.7 31.9

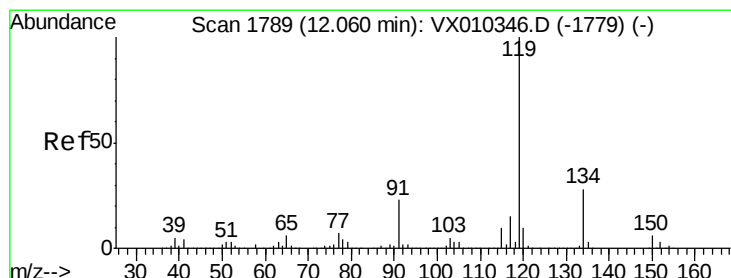
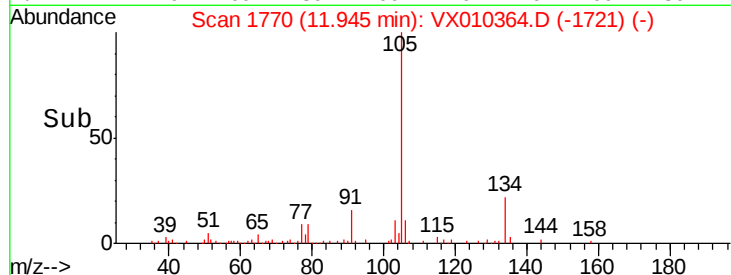


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 0.828 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

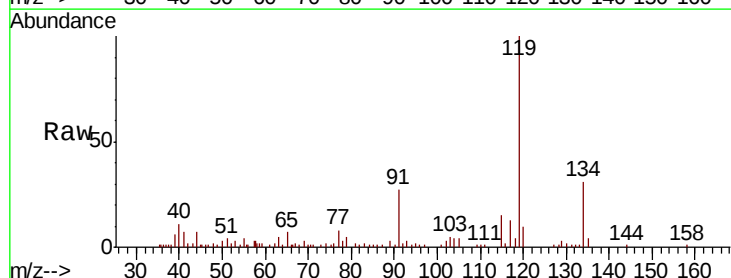
Tgt Ion:119 Resp: 9634

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

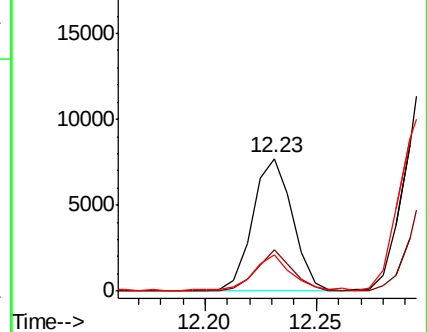
91 27.8 11.3 33.8



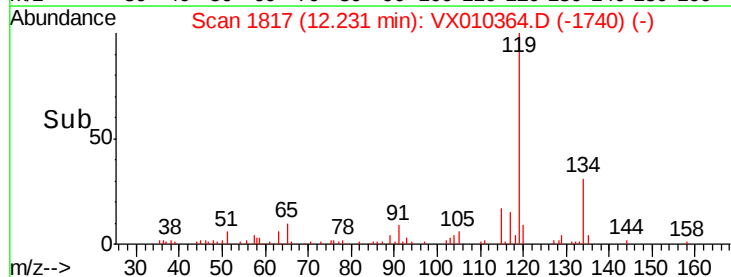
Abundance Ion 119.00 (118.70 to 119.70): V

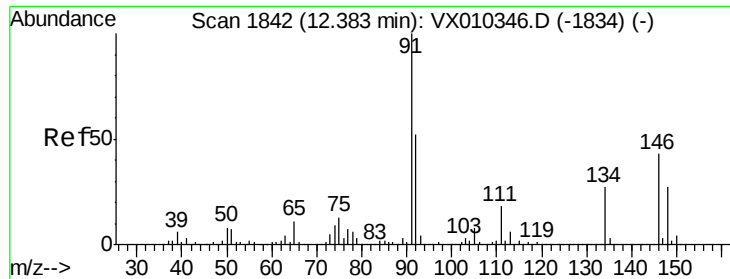
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#89

n-Butylbenzene

Concen: 0.530 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-061919

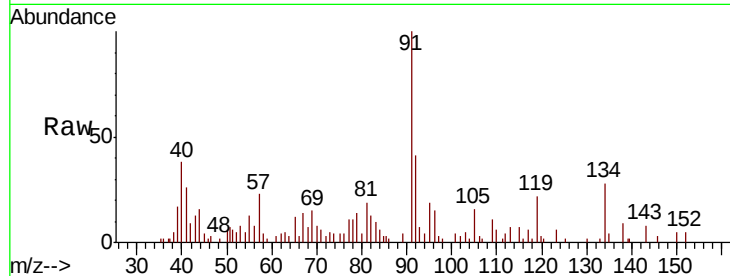
Tot Ion: 91 Resp: 5241

Ion Ratio Lower Upper

91 100

92 36.9 26.2 78.5

134 62.1 14.1 42.4#

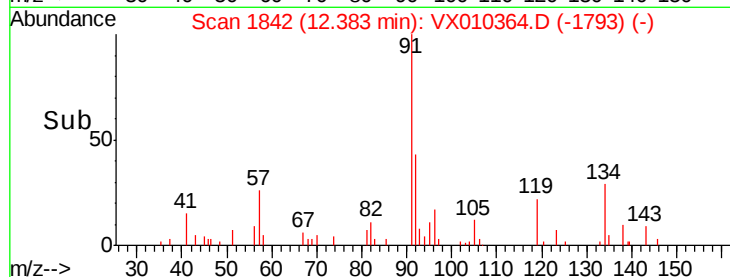


Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX010346.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX010346.D (-1834) (-)

Time-->

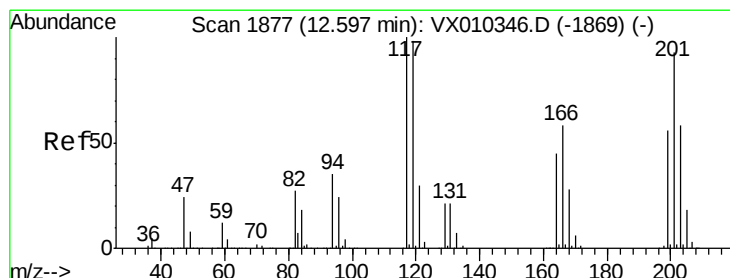


Abundance Ion 91.00 (90.70 to 91.70): VX010364.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX010364.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX010364.D (-1793) (-)

Time-->



#90

Hexachloroethane

Concen: 2.848 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX010364.D

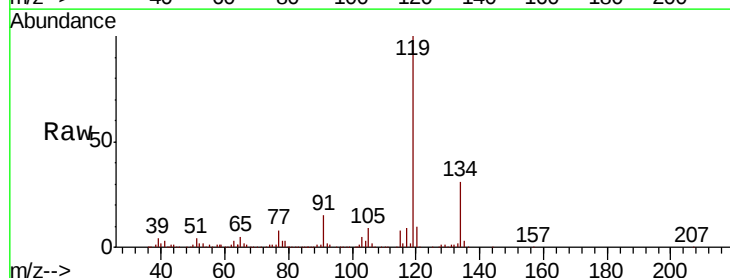
Acq: 20 Jun 2019 17:58

Tgt Ion: 117 Resp: 5730

Ion Ratio Lower Upper

117 100

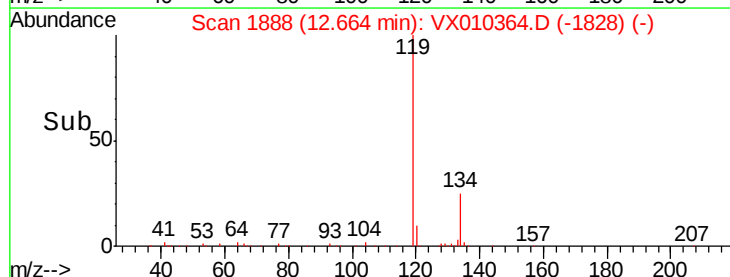
201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): VX010346.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX010346.D (-1869) (-)

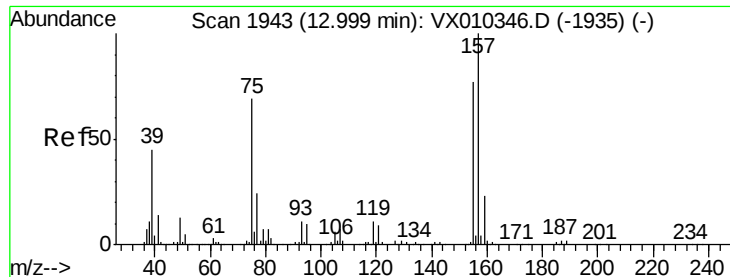
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX010364.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX010364.D (-1828) (-)

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.555 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-061919

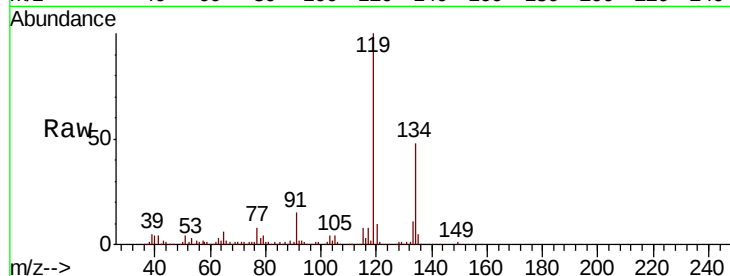
Tot Ion: 75 Resp: 513

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#

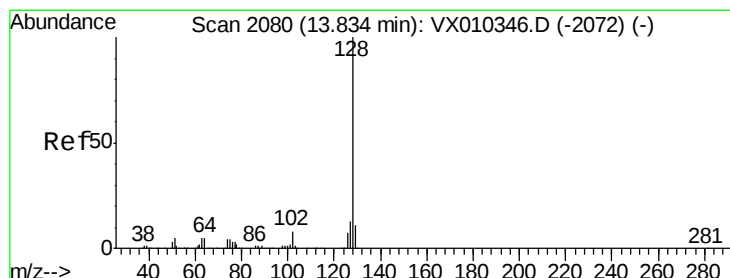
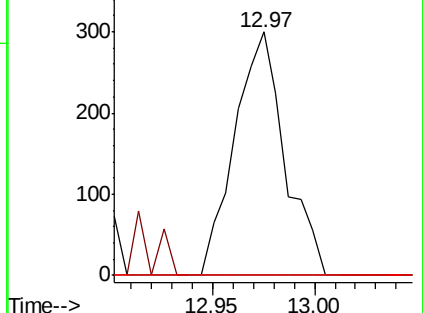
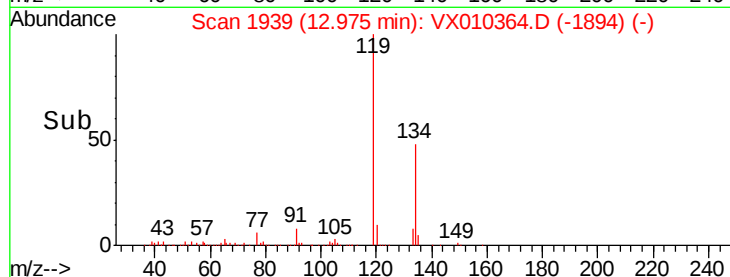


Abundance Ion 74.90 (74.60 to 75.60): VX010346.D (-1935) (-)

Ion 154.80 (154.50 to 155.50): VX010346.D (-1935) (-)

Ion 156.80 (156.50 to 157.50): VX010346.D (-1935) (-)

Time-->



#95

Naphthalene

Concen: 3.807 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010364.D

Acq: 20 Jun 2019 17:58

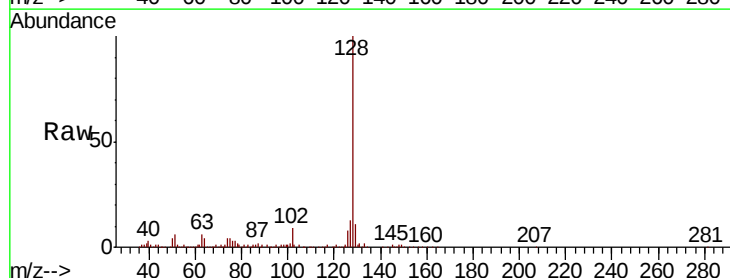
Tgt Ion:128 Resp: 50887

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 12.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): VX010346.D (-2072) (-)

Ion 127.00 (126.70 to 127.70): VX010346.D (-2072) (-)

Ion 129.00 (128.70 to 129.70): VX010346.D (-2072) (-)

Time-->

