

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056136.D
 Acq On : 8 Jun 2019 7:52
 Operator : JC/SP
 Sample : K3214-01 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Quant Time: Jun 10 01:21:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

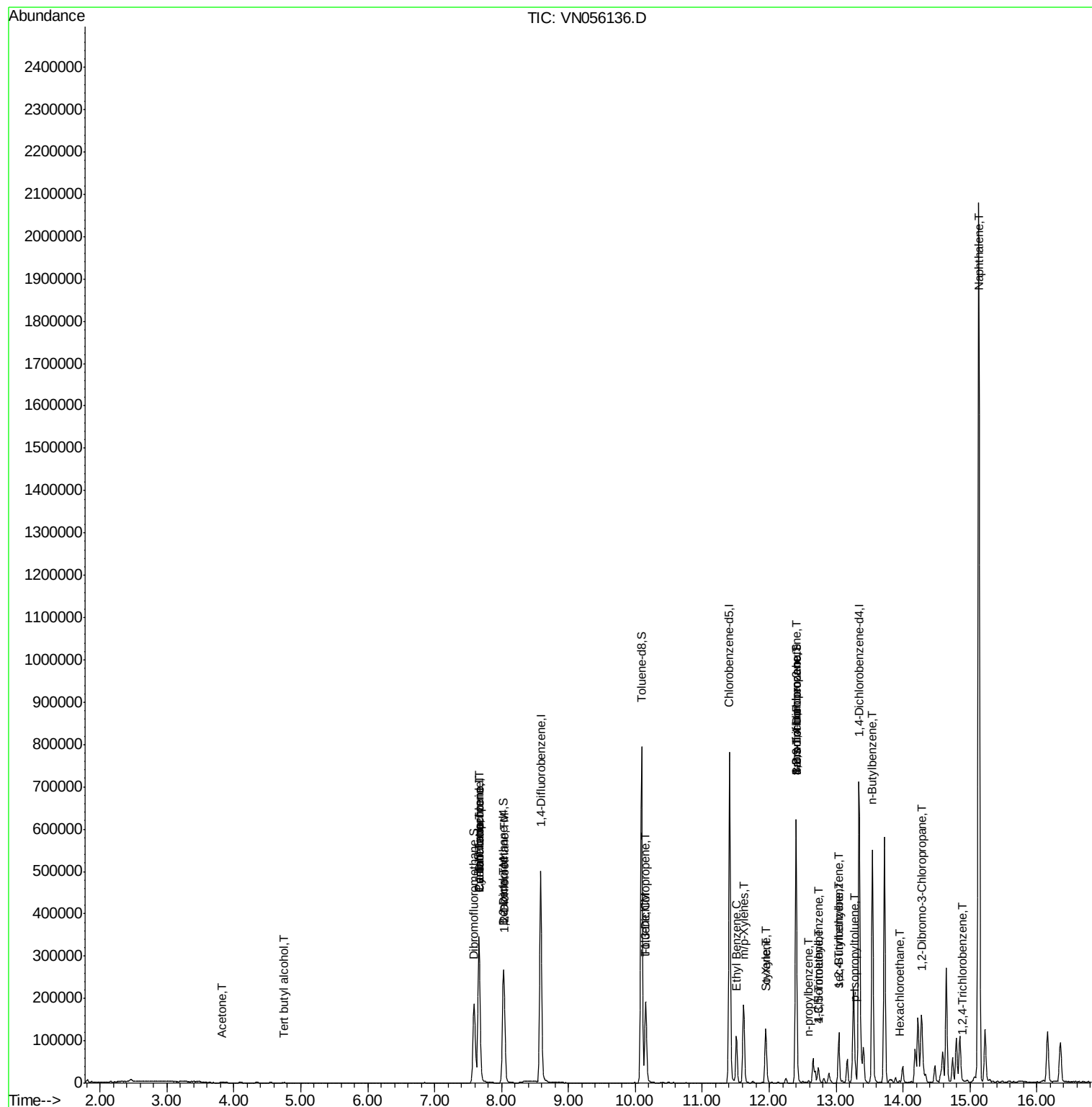
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	323497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	496669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	218258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	163073	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	7.59	113	141849	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	10.09	98	605972	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.40	95	218709	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.74	59	139	0.249	ug/l #	74
16) Acetone	3.82	43	2999	1.952	ug/l	96
31) Cyclohexane	7.66	56	4712	0.924	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	19189	4.493	ug/l #	49
38) Carbon Tetrachloride	7.66	117	26444	6.716	ug/l #	15
40) Benzene	8.04	78	115641	8.915	ug/l	100
42) 1,2-Dichloroethane	8.05	62	1001	0.240	ug/l #	73
52) Toluene	10.15	92	89990	11.149	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	863	2.576	ug/l #	1
67) Ethyl Benzene	11.51	91	85784	5.071	ug/l	99
68) m/p-Xylenes	11.62	106	65840	10.189	ug/l	95
69) o-Xylene	11.95	106	37087	5.835	ug/l	98
70) Styrene	11.96	104	8746	0.866	ug/l #	39
71) Bromoform	12.41	173	1535	3.257	ug/l #	1
73) Isopropylbenzene	12.25	105	8712	Below Cal		100
76) 1,2,3-Trichloropropane	12.40	75	99065	24.667	ug/l #	100
78) n-propylbenzene	12.59	91	4738	0.257	ug/l	98
79) 2-Chlorotoluene	12.65	91	4456	Below Cal	#	68
80) 1,3,5-Trimethylbenzene	12.73	105	20123	1.371	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	99065	82.147	ug/l #	15
82) 4-Chlorotoluene	12.73	91	2366	0.219	ug/l #	39
83) tert-Butylbenzene	13.04	119	8902	Below Cal	#	63
84) 1,2,4-Trimethylbenzene	13.04	105	67526	4.852	ug/l	99
85) sec-Butylbenzene	13.04	105	67526	4.130	ug/l #	55
86) p-Isopropyltoluene	13.29	119	17906	1.224	ug/l	96
89) n-Butylbenzene	13.54	91	46213	4.263	ug/l #	42
90) Hexachloroethane	13.95	117	2478	1.123	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3622	4.998	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	29	4.276	ug/l #	12
95) Naphthalene	15.13	128	1888015	170.776	ug/l	100

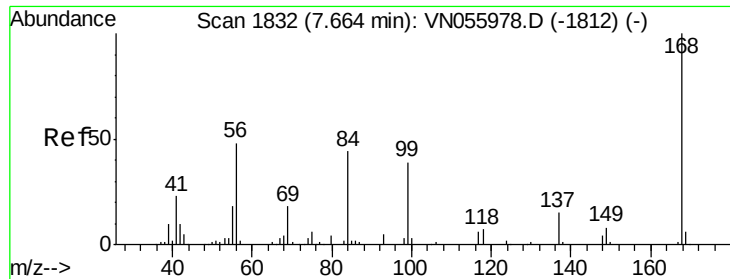
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampled :

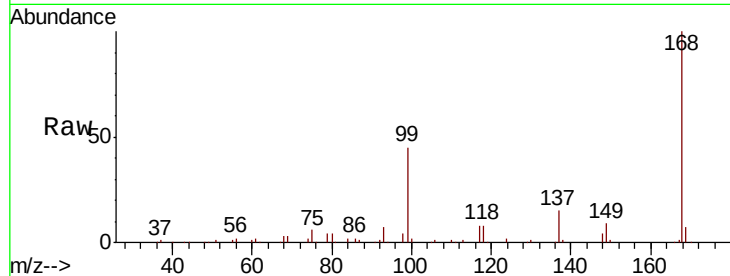
MW-1A

Tot Ion:168 Resp: 323497

Ion Ratio Lower Upper

168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

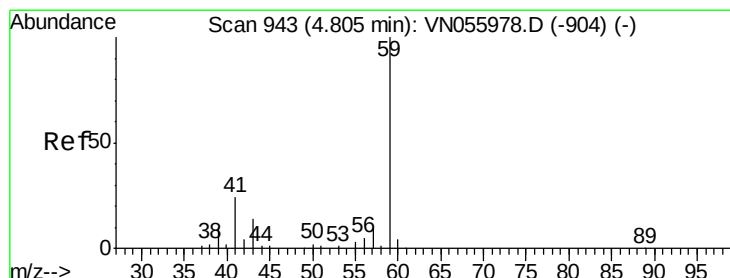
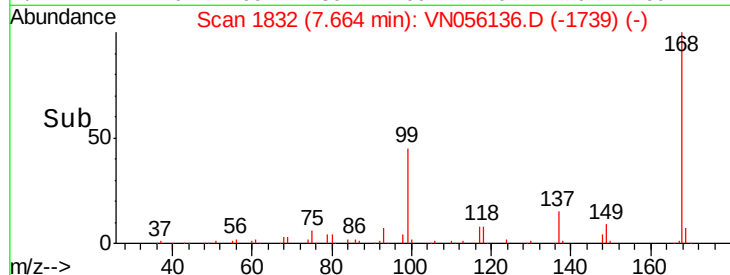
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#11

Tert butyl alcohol

Concen: 0.249 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.06 min

Lab File: VN056136.D

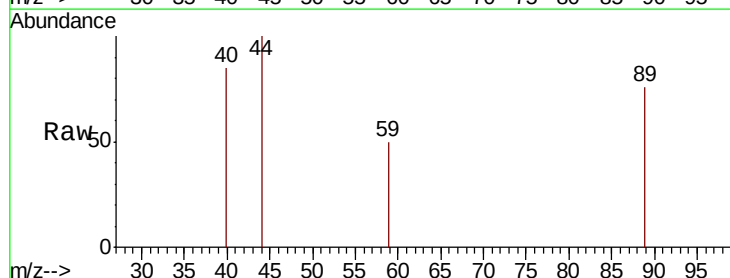
Acq: 8 Jun 2019 7:52

Tgt Ion: 59 Resp: 139

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.74

250

200

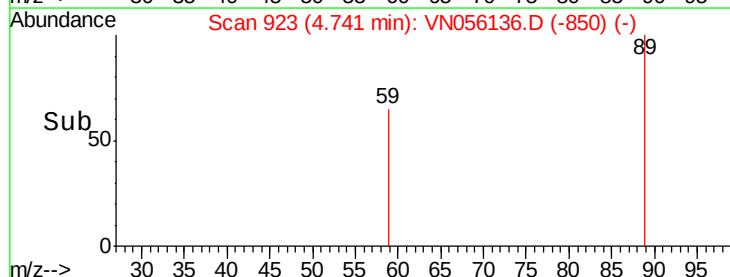
150

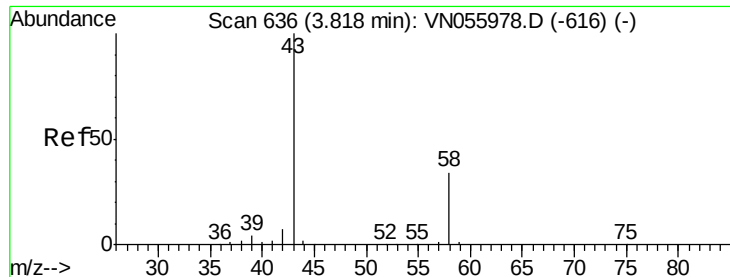
100

50

0

Time--> 4.73 4.74 4.75





#16

Acetone

Concen: 1.952 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampled :

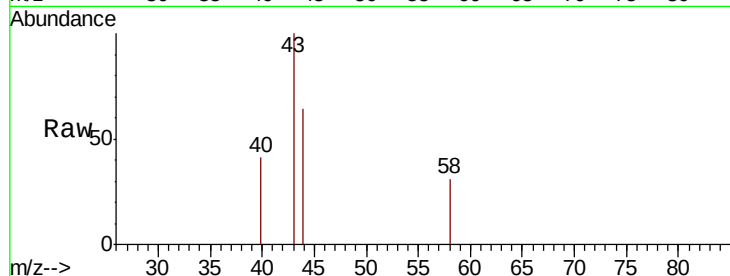
MW-1A

Tot Ion: 43 Resp: 2999

Ion Ratio Lower Upper

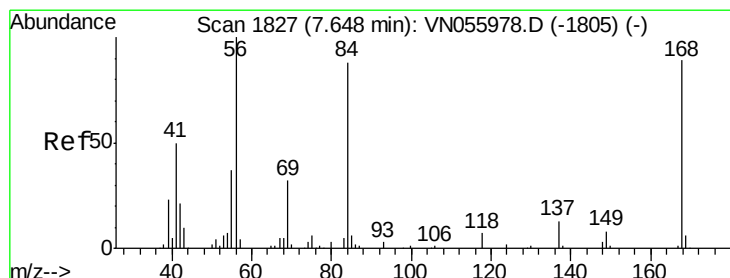
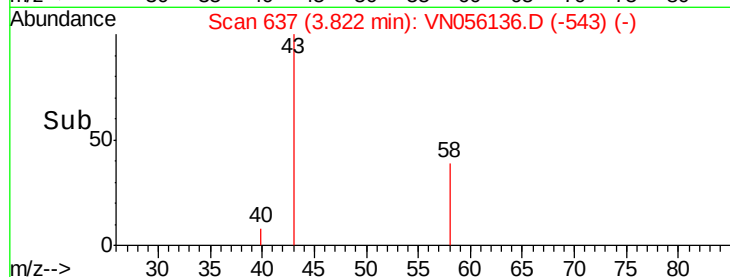
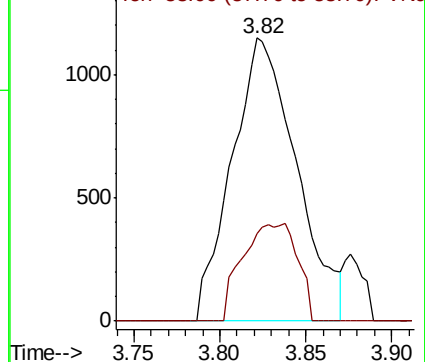
43 100

58 30.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#31

Cyclohexane

Concen: 0.924 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

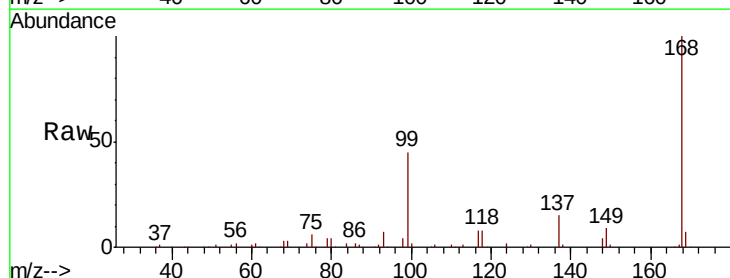
Tgt Ion: 56 Resp: 4712

Ion Ratio Lower Upper

56 100

69 177.2 25.6 38.4#

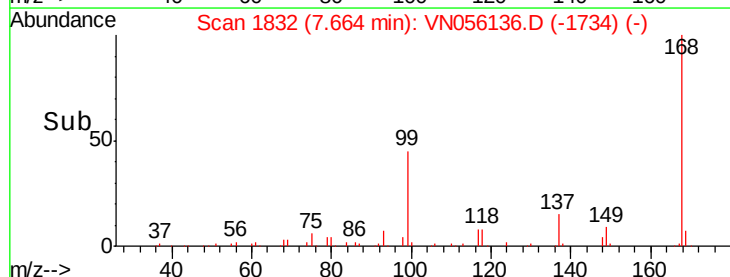
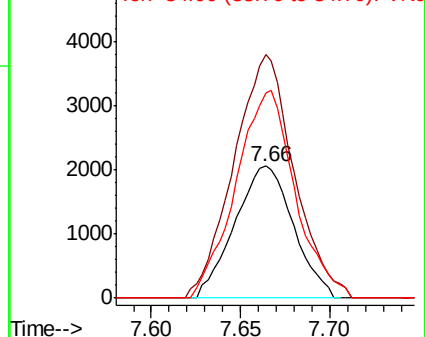
84 155.5 67.4 101.0#

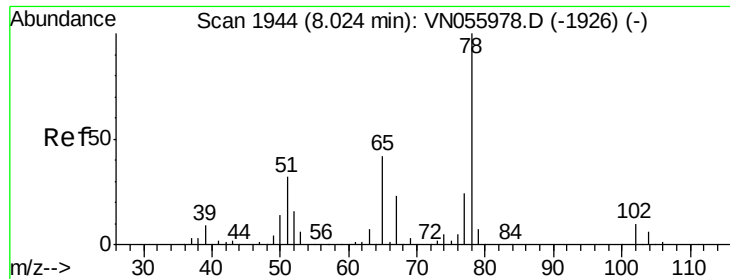


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

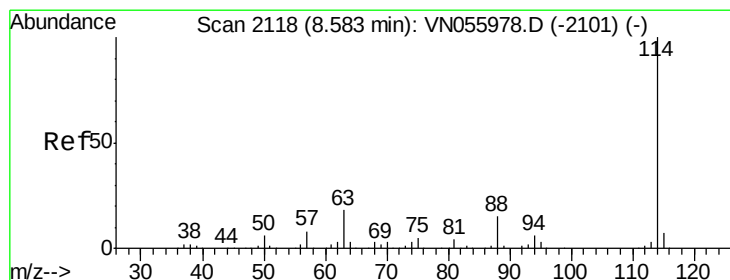
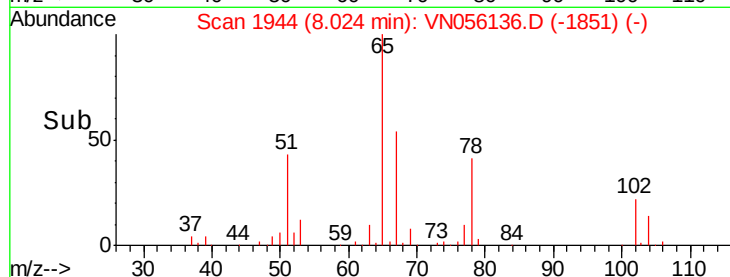
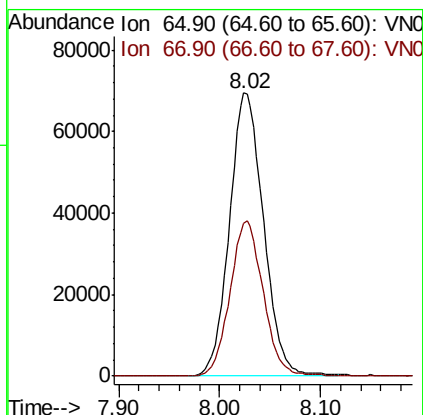
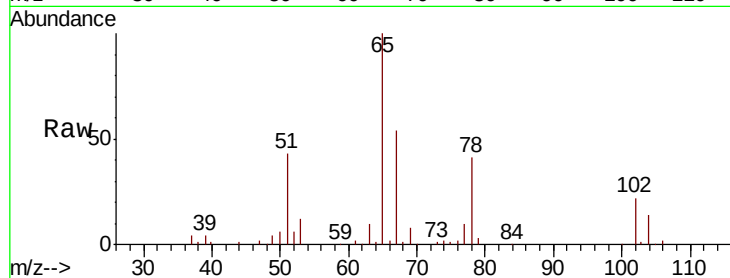




#33
 1,2-Dichloroethane-d4
 Concen: 50.769 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

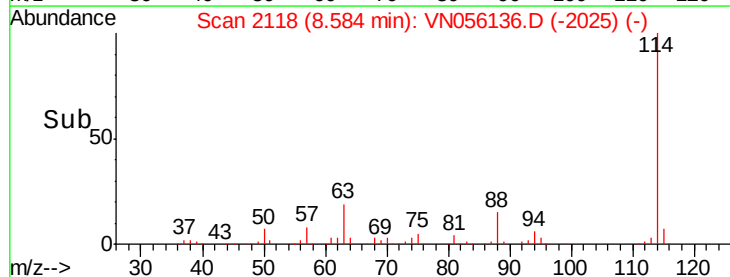
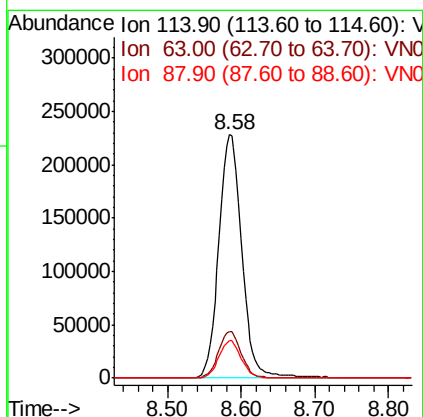
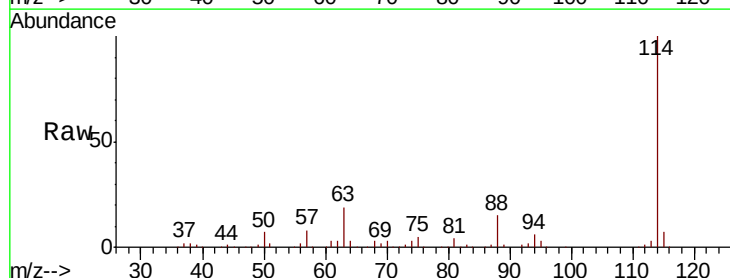
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

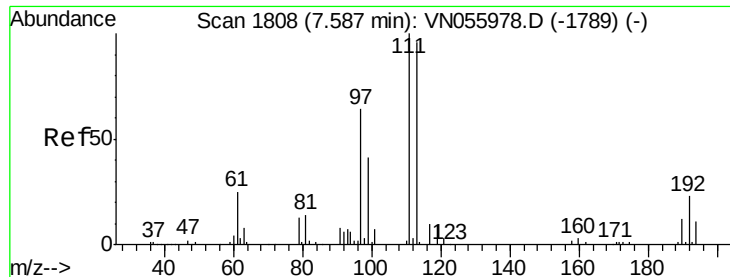
Tot Ion: 65 Resp: 163073
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

Tgt Ion: 114 Resp: 496669
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.550 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampleId :

MW-1A

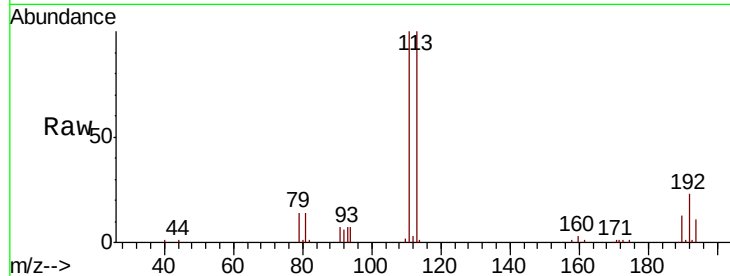
Tot Ion:113 Resp: 141849

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

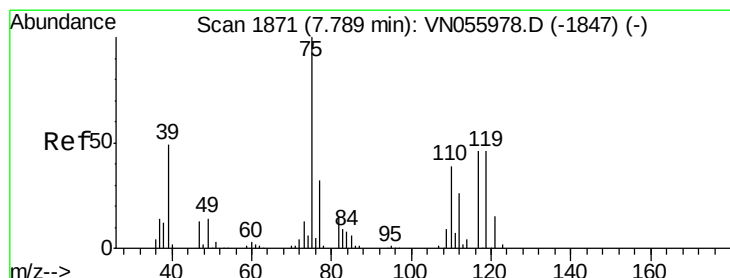
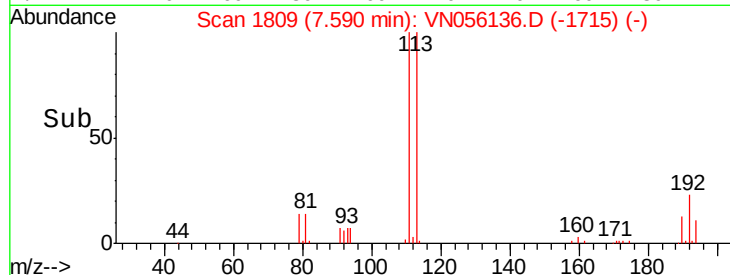
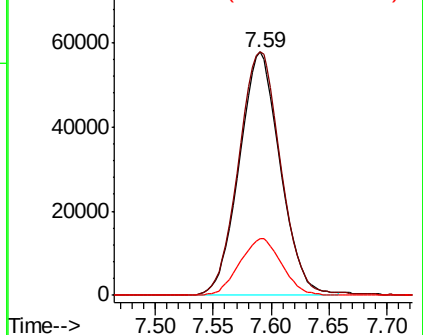
192 24.0 19.5 29.3



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



#36

1,1-Dichloropropene

Concen: 4.493 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

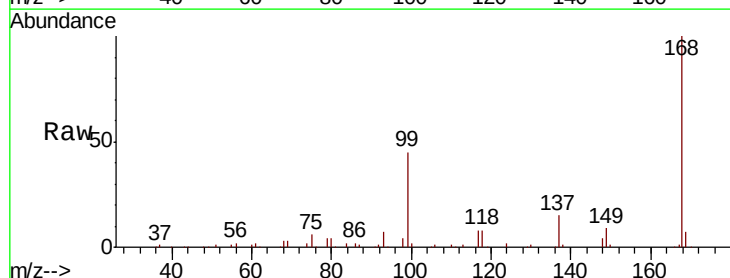
Tgt Ion: 75 Resp: 19189

Ion Ratio Lower Upper

75 100

110 10.3 19.0 57.0#

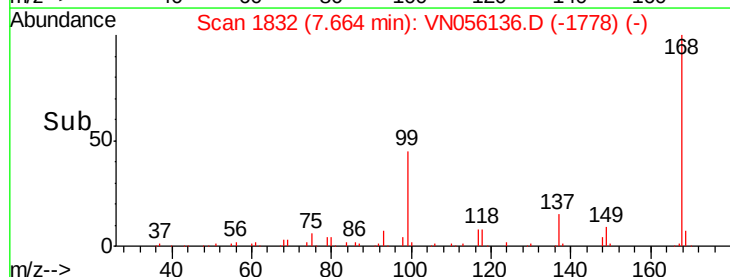
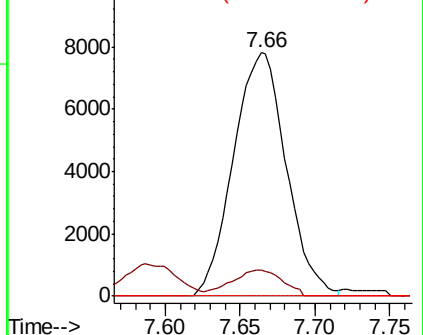
77 0.0 25.1 37.7#

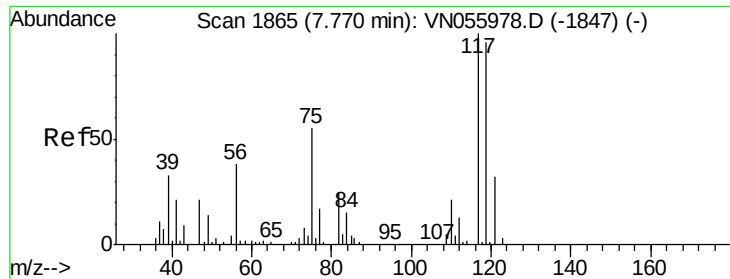


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

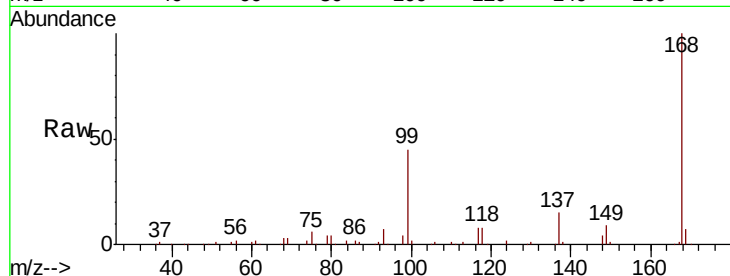




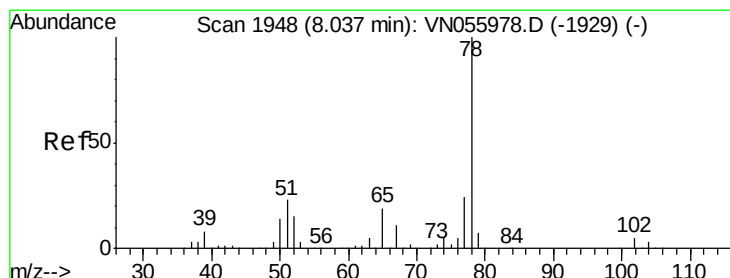
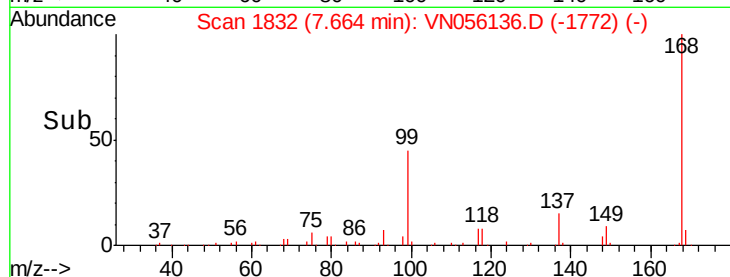
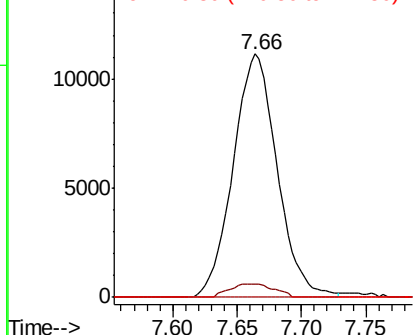
#38
Carbon Tetrachloride
Concen: 6.716 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056136.D
Acq: 8 Jun 2019 7:52

Instrument :
MSVOA_N
ClientSampled :
MW-1A

Tot Ion:117 Resp: 26444
Ion Ratio Lower Upper
117 100
119 5.6 79.0 118.6#
121 0.0 24.7 37.1#

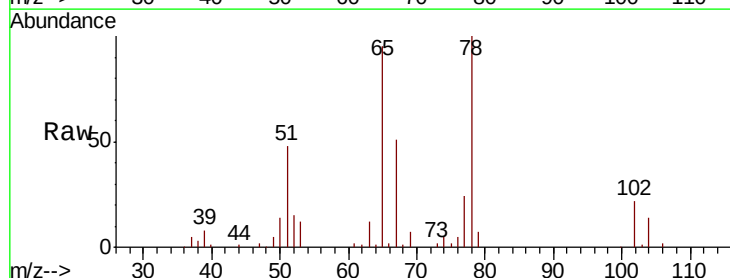


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

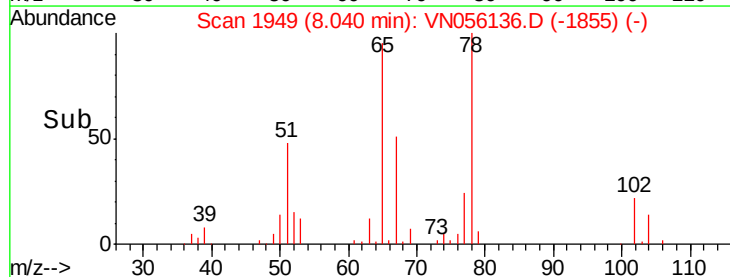
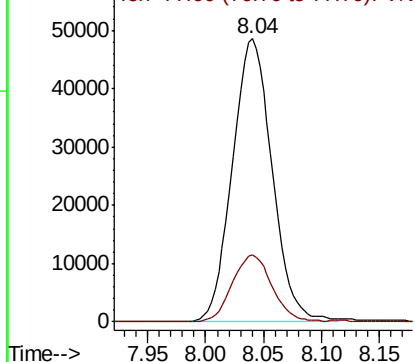


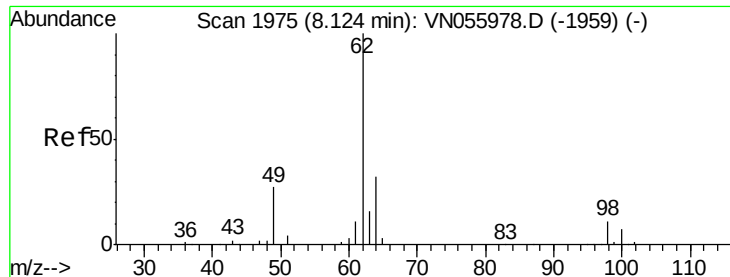
#40
Benzene
Concen: 8.915 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056136.D
Acq: 8 Jun 2019 7:52

Tgt Ion: 78 Resp: 115641
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

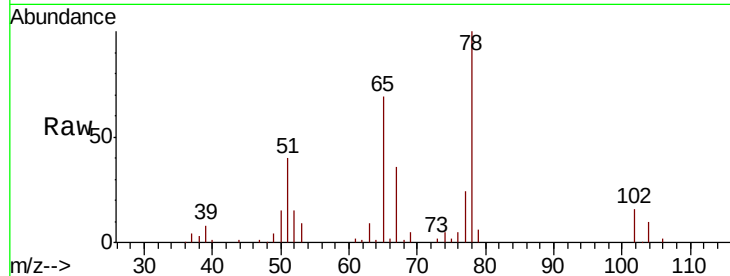




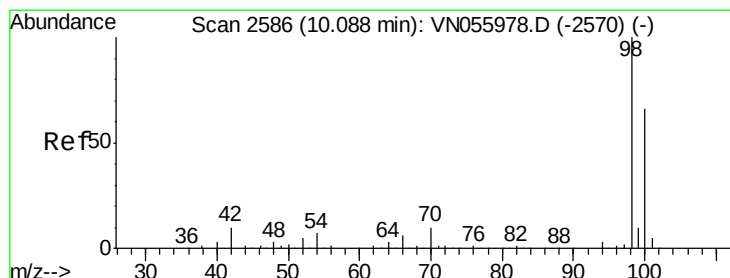
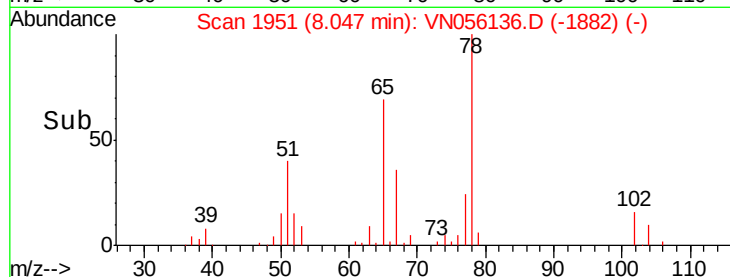
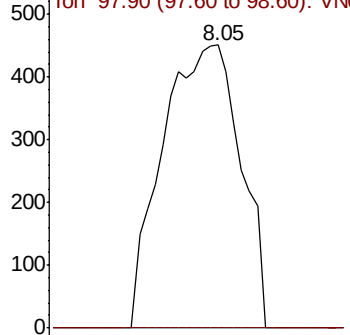
#42
 1,2-Dichloroethane
 Concen: 0.240 ug/l
 RT: 8.05 min Scan# 1951
 Delta R.T. -0.08 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Tot Ion: 62 Resp: 1001
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 20.2

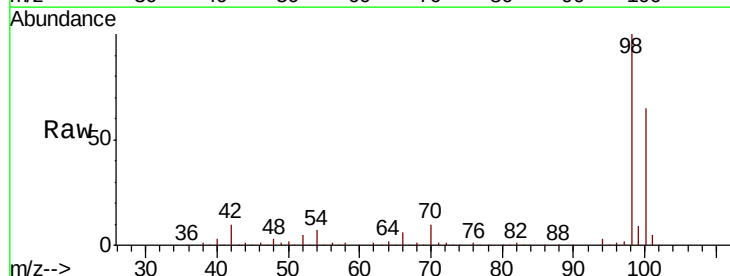


Abundance Ion 61.90 (61.60 to 62.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

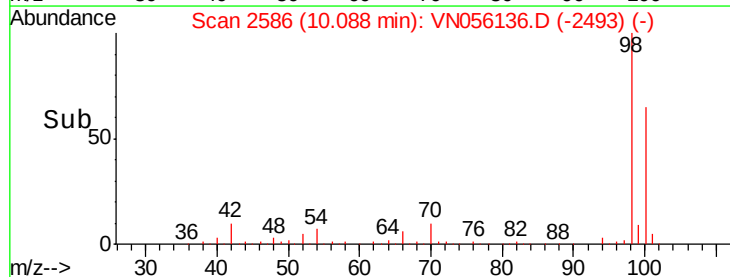
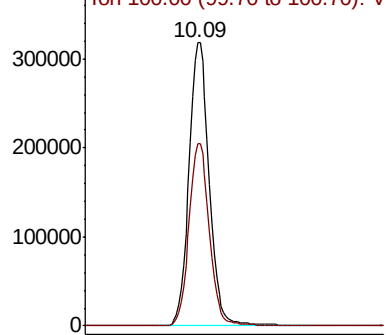


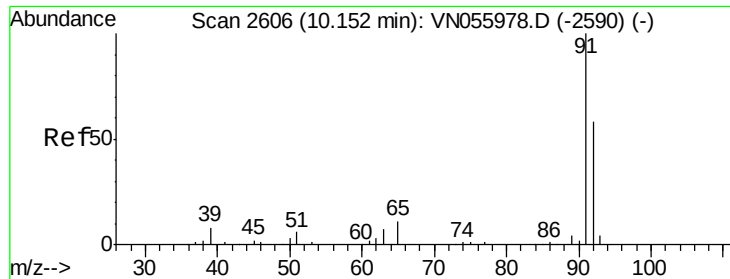
#50
 Toluene-d8
 Concen: 51.679 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

Tgt Ion: 98 Resp: 605972
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 11.149 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampled :

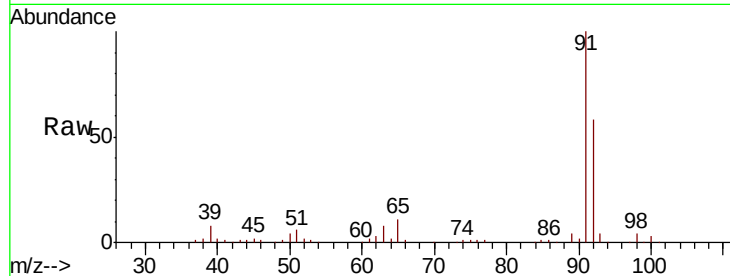
MW-1A

Tot Ion: 92 Resp: 89990

Ion Ratio Lower Upper

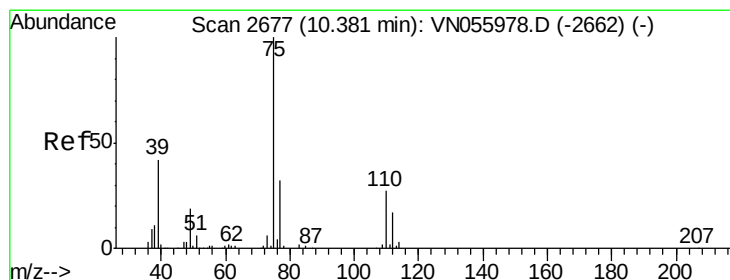
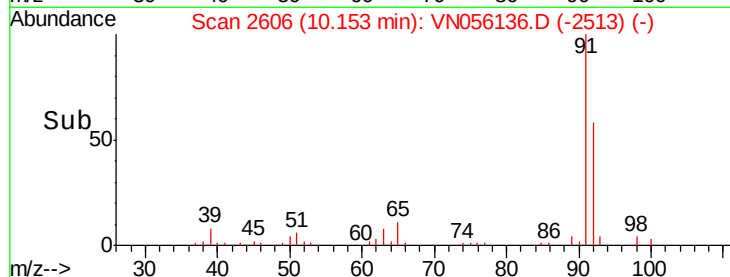
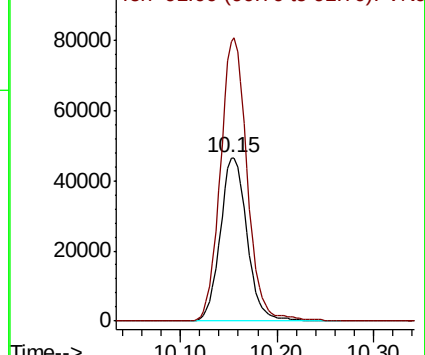
92 100

91 172.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.576 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN056136.D

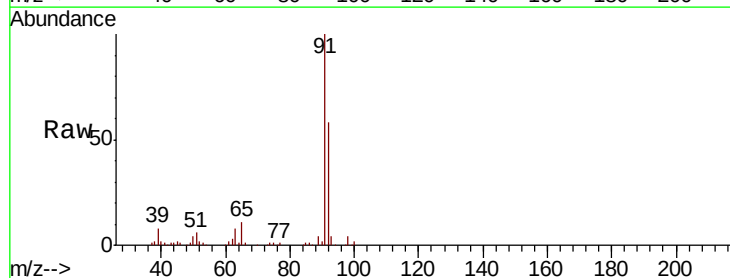
Acq: 8 Jun 2019 7:52

Tgt Ion: 75 Resp: 863

Ion Ratio Lower Upper

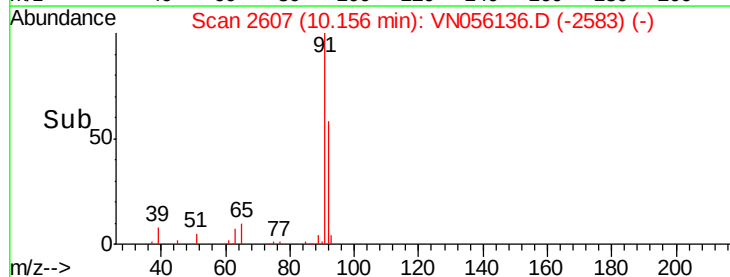
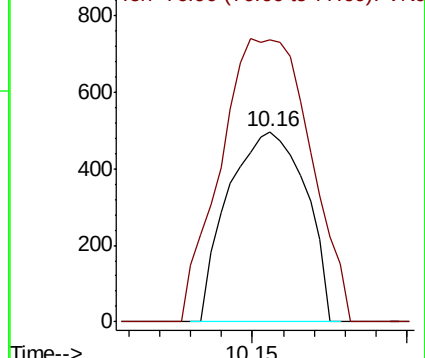
75 100

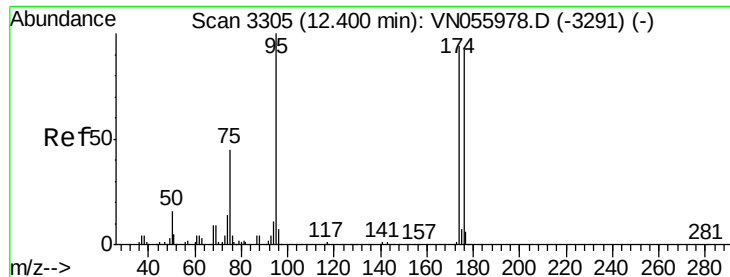
77 117.9 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#62

4-Bromofluorobenzene

Concen: 54.847 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampleId :

MW-1A

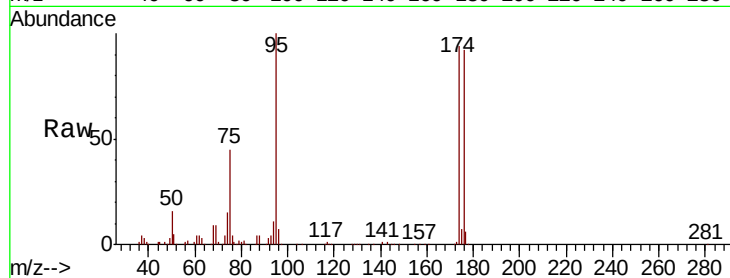
Tot Ion: 95 Resp: 218709

Ion Ratio Lower Upper

95 100

174 95.6 0.0 191.0

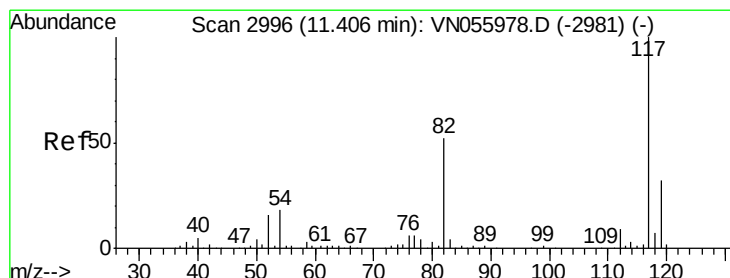
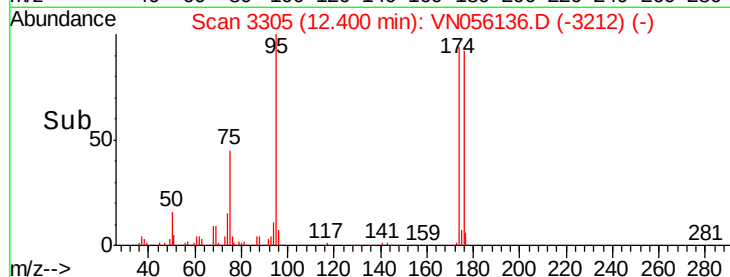
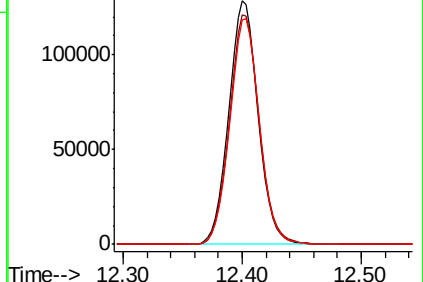
176 93.7 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

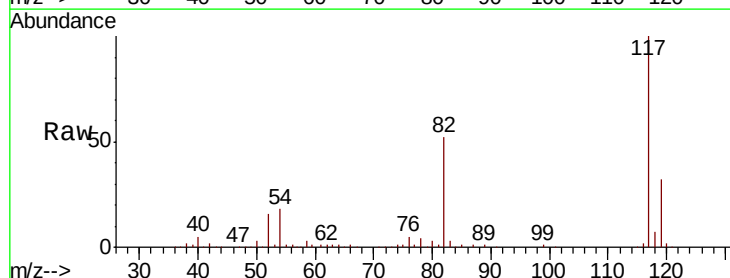
Tgt Ion: 117 Resp: 488792

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

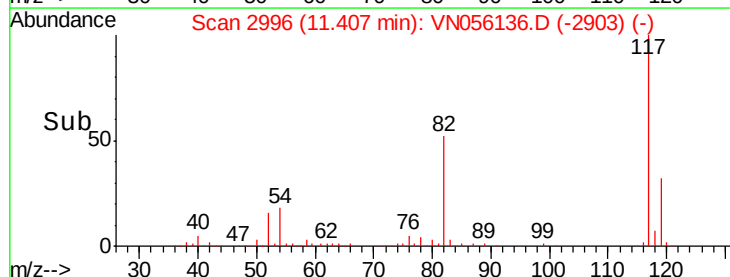
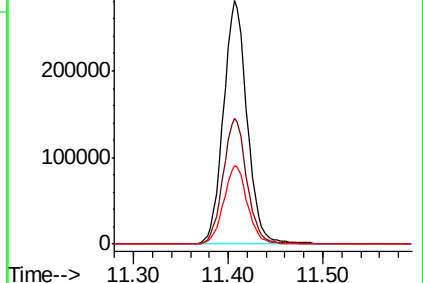
119 32.1 25.4 38.0

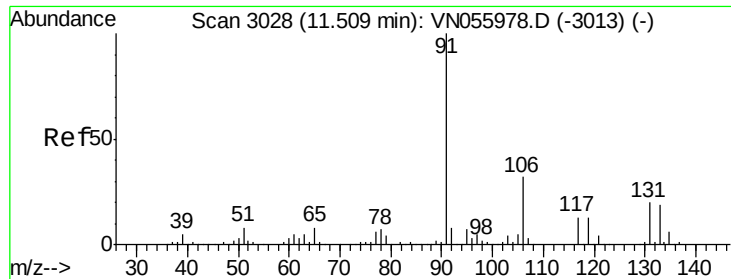


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

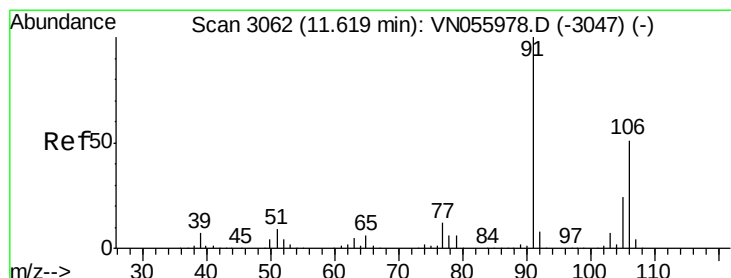
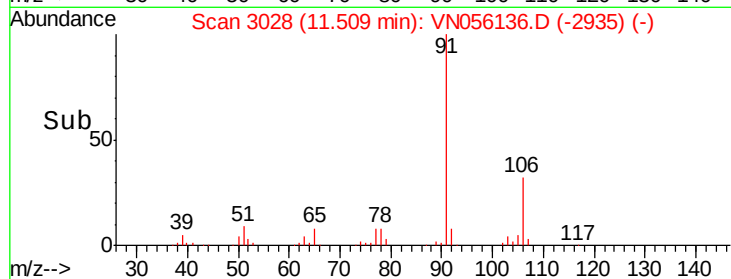
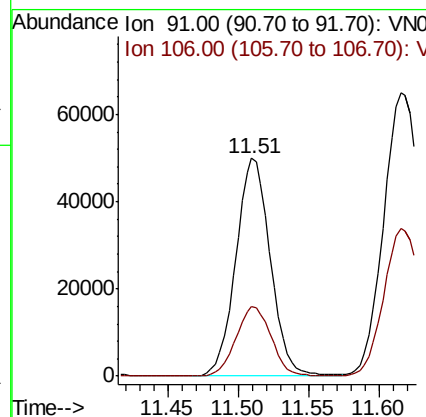
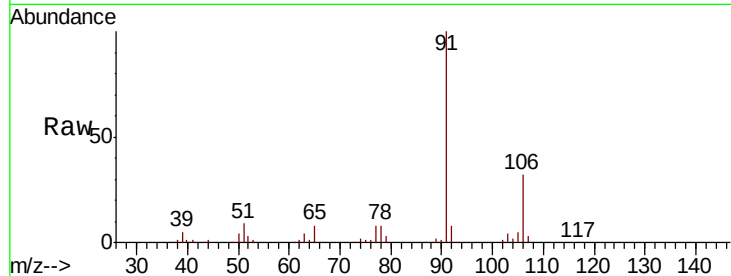




#67
Ethyl Benzene
Concen: 5.071 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056136.D
Acq: 8 Jun 2019 7:52

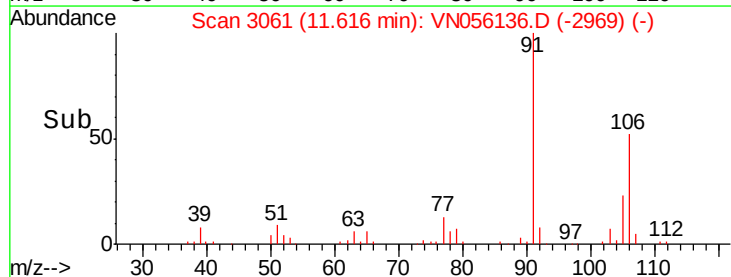
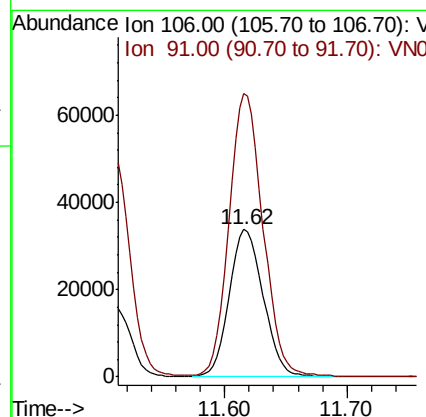
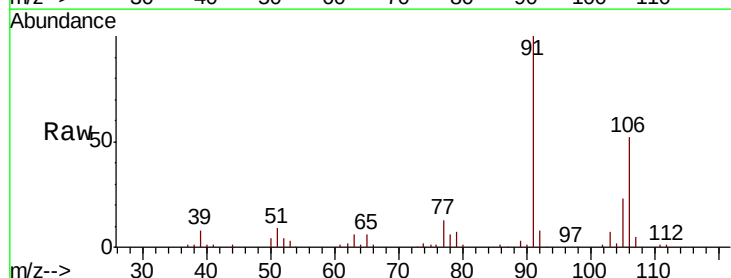
Instrument :
MSVOA_N
ClientSampled :
MW-1A

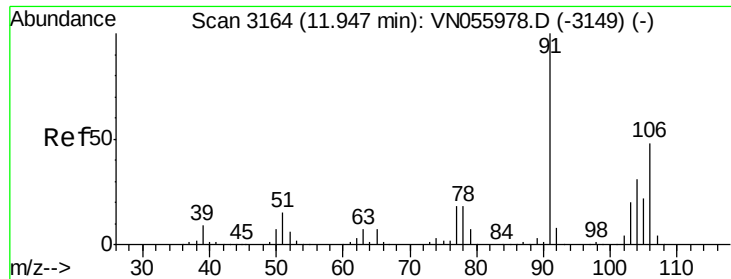
Tot Ion: 91 Resp: 85784
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 10.189 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056136.D
Acq: 8 Jun 2019 7:52

Tgt Ion: 106 Resp: 65840
Ion Ratio Lower Upper
106 100
91 192.1 159.3 238.9

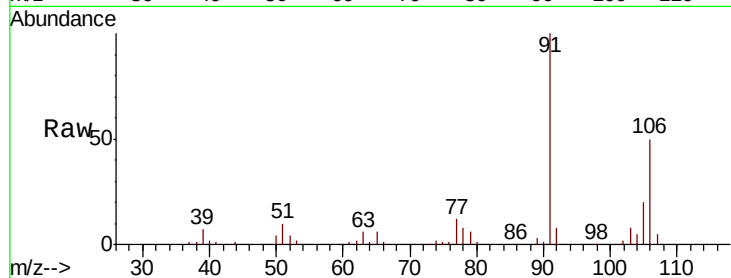




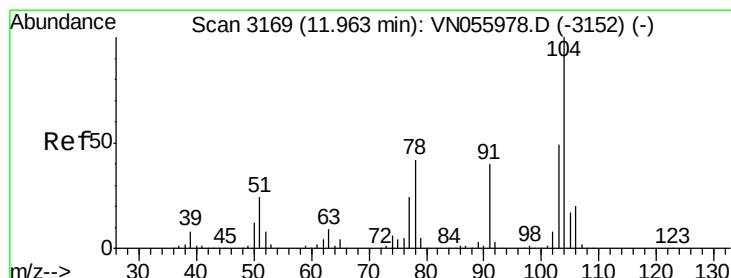
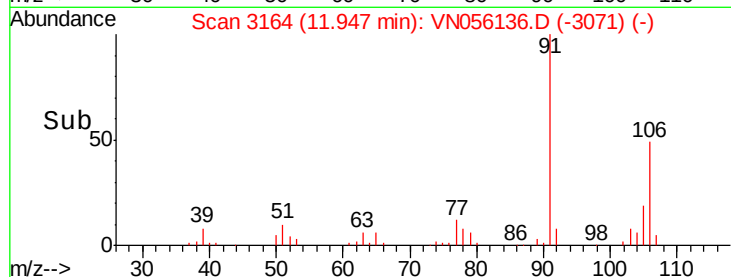
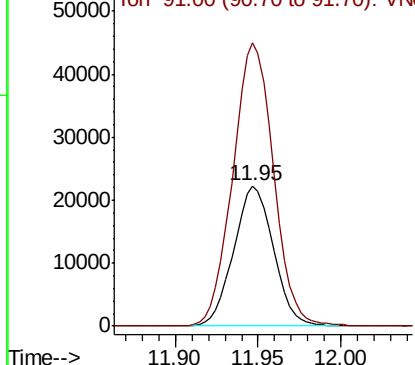
#69
o-Xylene
Concen: 5.835 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056136.D
Acq: 8 Jun 2019 7:52

Instrument :
MSVOA_N
ClientSampled :
MW-1A

Tot Ion:106 Resp: 37087
Ion Ratio Lower Upper
106 100
91 207.1 104.7 314.1

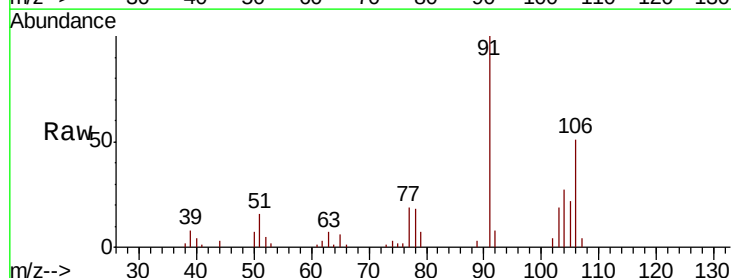


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

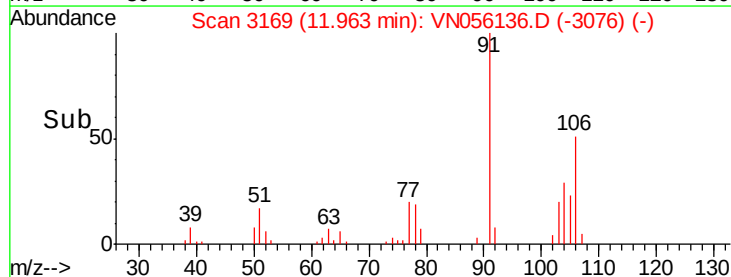
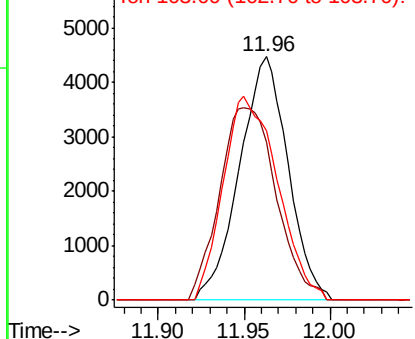


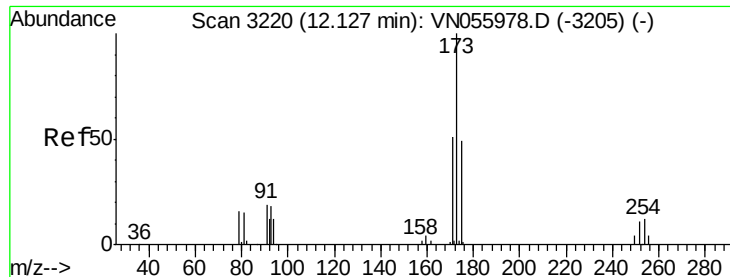
#70
Styrene
Concen: 0.866 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056136.D
Acq: 8 Jun 2019 7:52

Tgt Ion:104 Resp: 8746
Ion Ratio Lower Upper
104 100
78 92.9 37.8 56.6#
103 94.2 44.2 66.2#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 3.257 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampled :

MW-1A

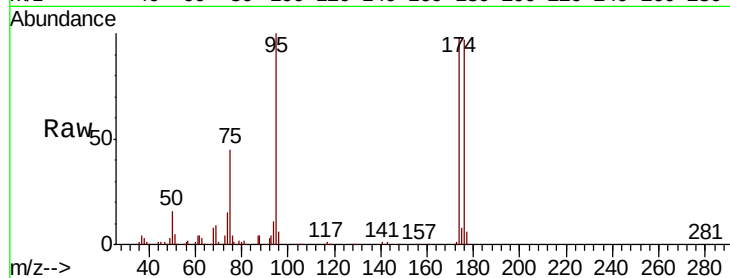
Tot Ion:173 Resp: 1535

Ion Ratio Lower Upper

173 100

175 907.2 24.3 72.8#

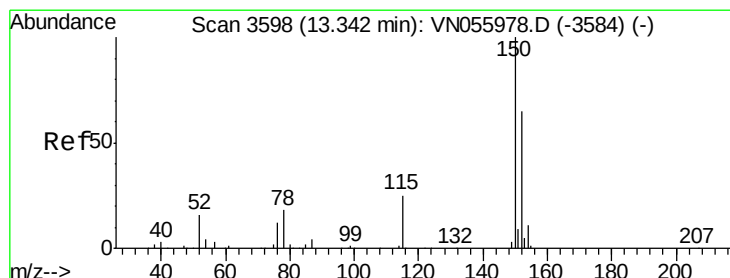
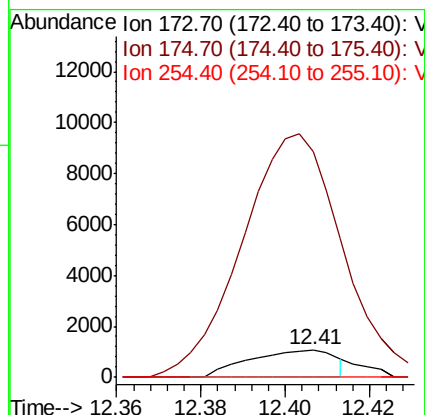
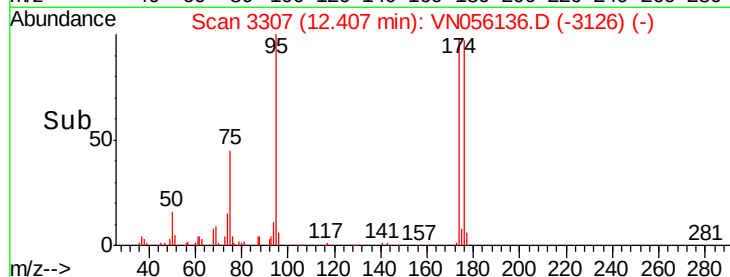
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

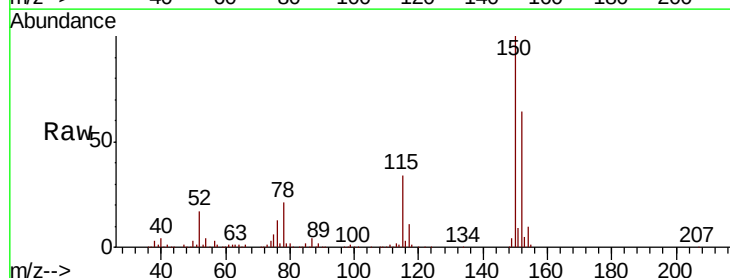
Tgt Ion:152 Resp: 218258

Ion Ratio Lower Upper

152 100

115 53.1 27.0 81.0

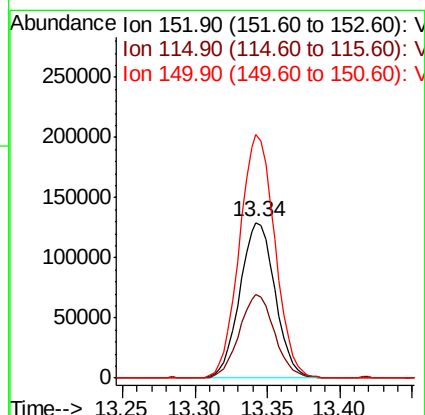
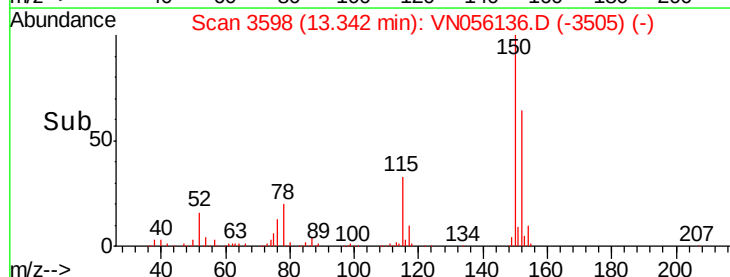
150 157.6 0.0 343.2

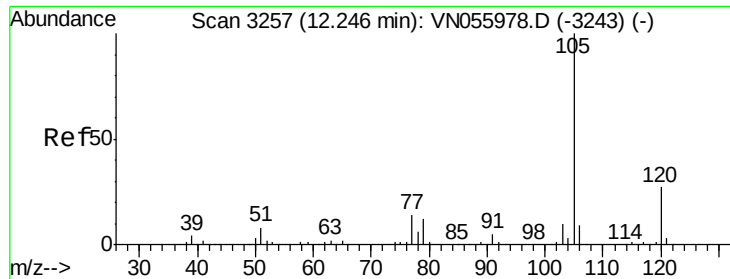


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampleId :

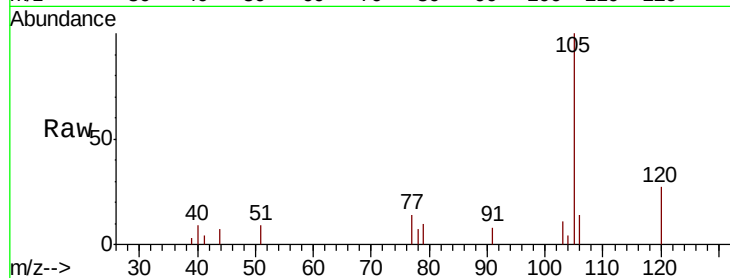
MW-1A

Tot Ion:105 Resp: 8712

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

6000

5000

4000

3000

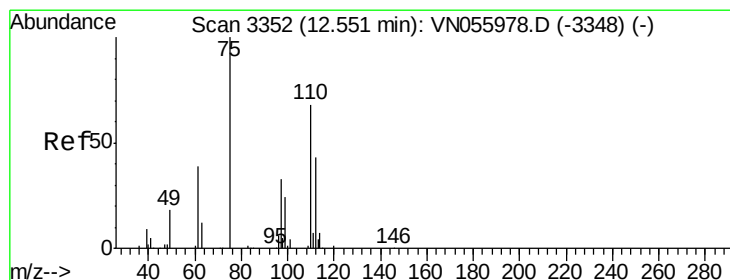
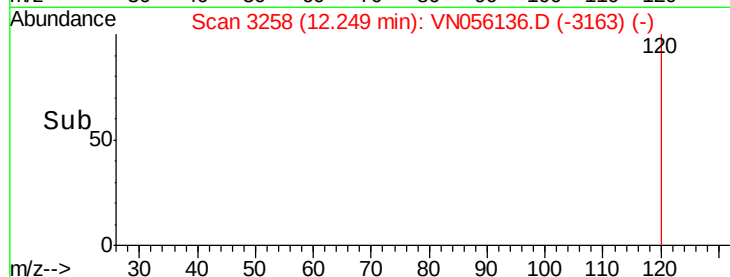
2000

1000

0

12.20 12.25 12.30

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.667 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056136.D

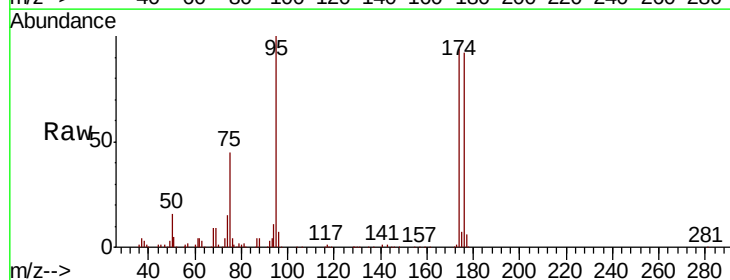
Acq: 8 Jun 2019 7:52

Tgt Ion: 75 Resp: 99065

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.40

60000

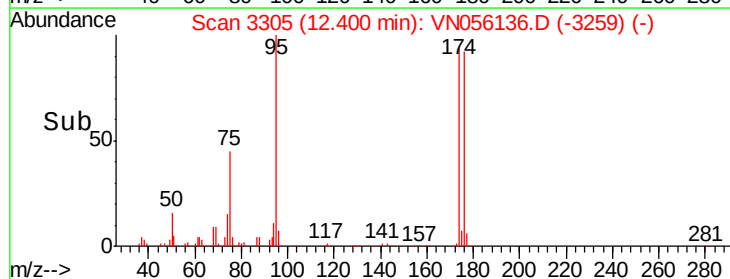
40000

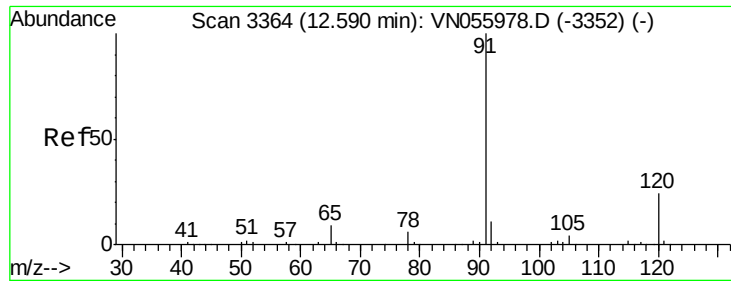
20000

0

12.40 12.50

Time-->





#78

n-propylbenzene

Concen: 0.257 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampled :

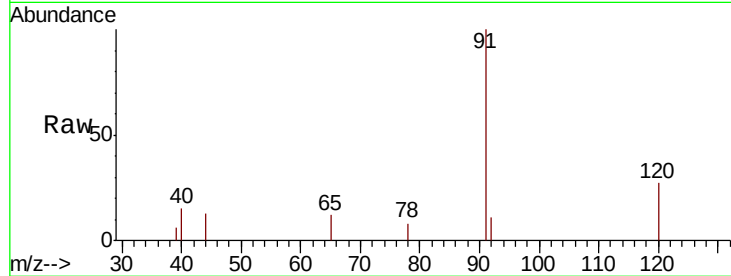
MW-1A

Tot Ion: 91 Resp: 4738

Ion Ratio Lower Upper

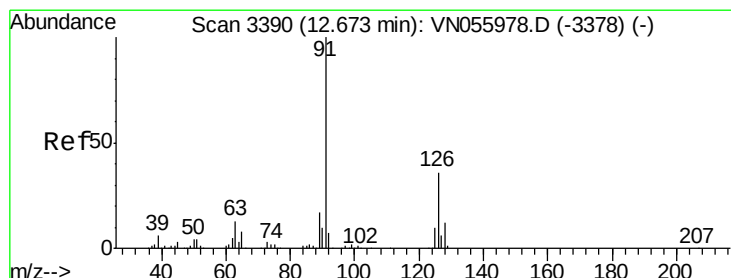
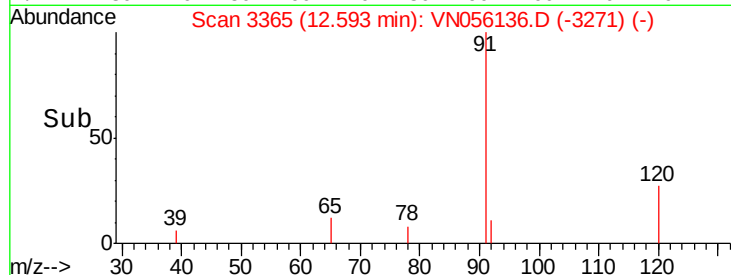
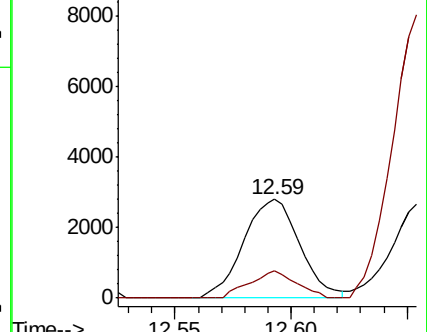
91 100

120 22.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN056136.D

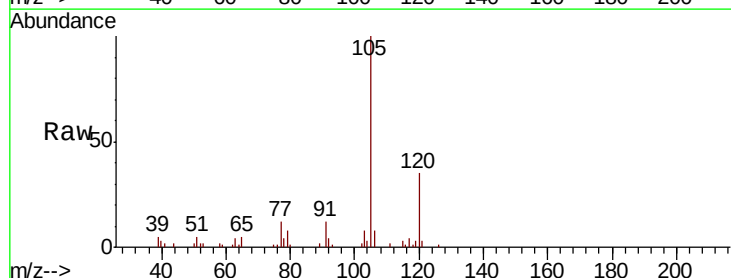
Acq: 8 Jun 2019 7:52

Tgt Ion: 91 Resp: 4456

Ion Ratio Lower Upper

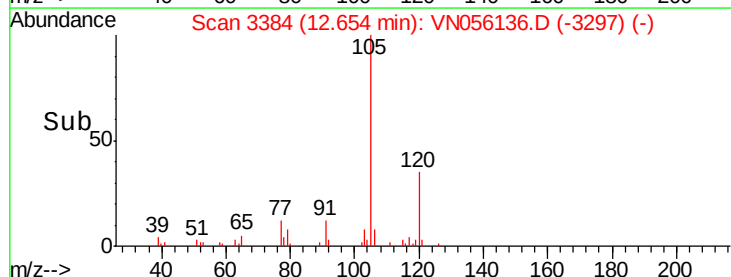
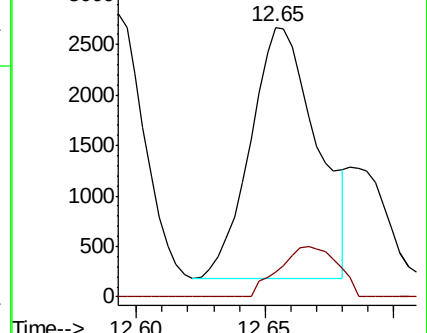
91 100

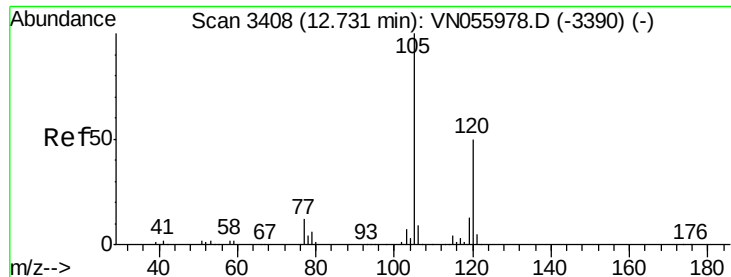
126 17.6 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.371 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampled :

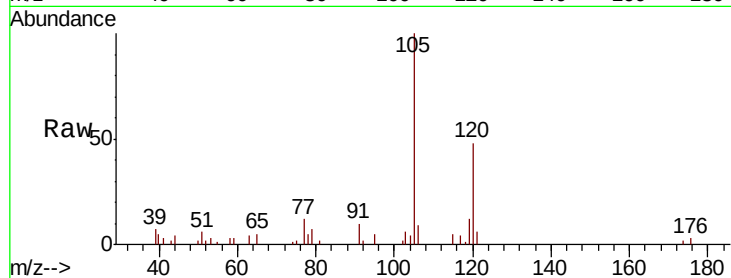
MW-1A

Tot Ion:105 Resp: 20123

Ion Ratio Lower Upper

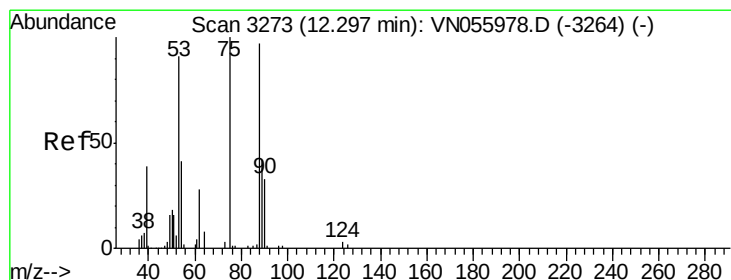
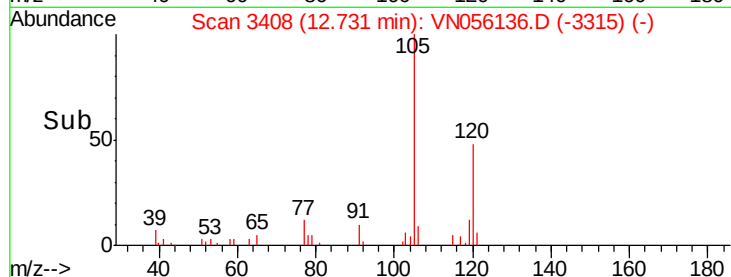
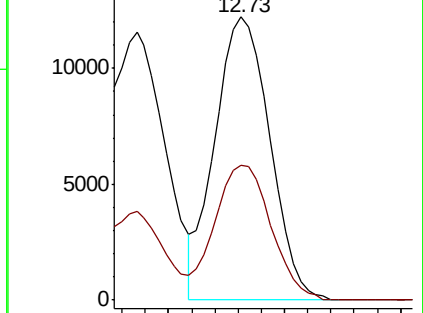
105 100

120 48.8 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 82.147 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

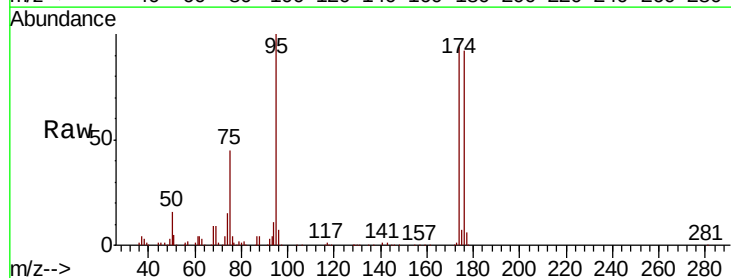
Tgt Ion: 75 Resp: 99065

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

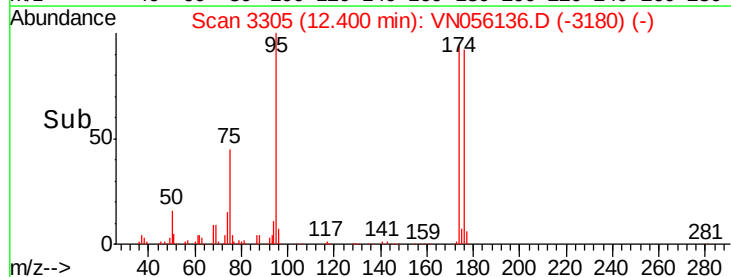
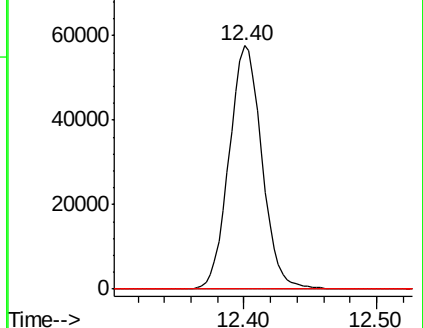
89 0.0 36.9 55.3#

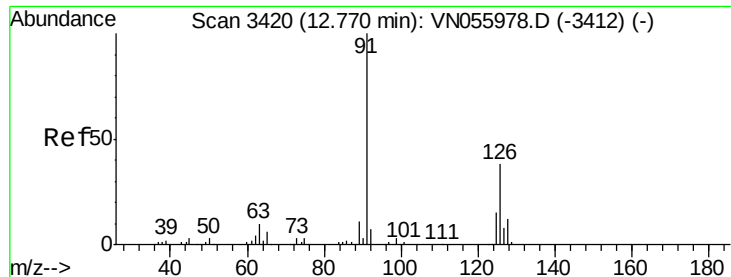


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.219 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampled :

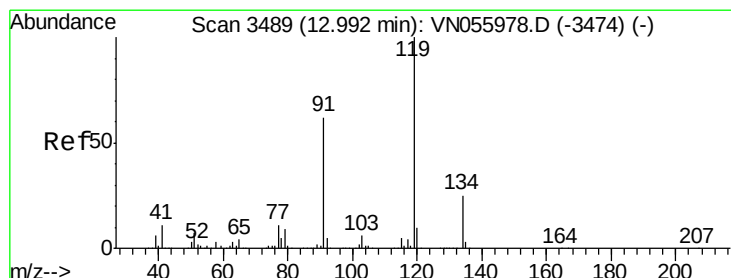
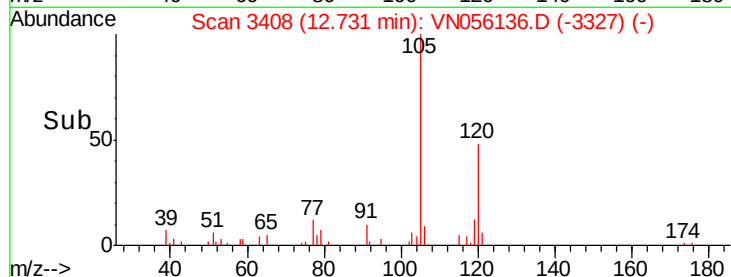
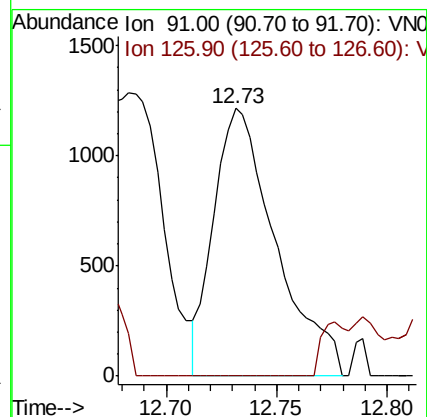
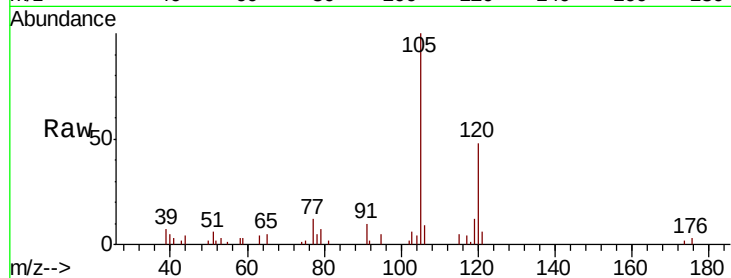
MW-1A

Tot Ion: 91 Resp: 2366

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.3#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

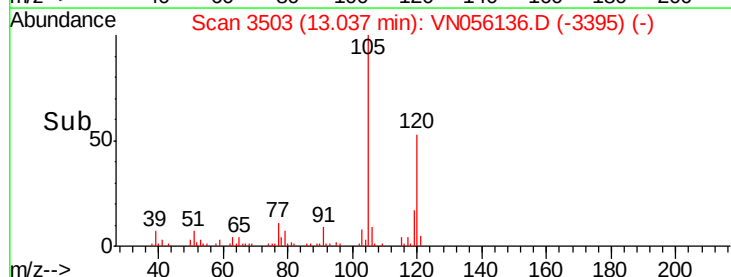
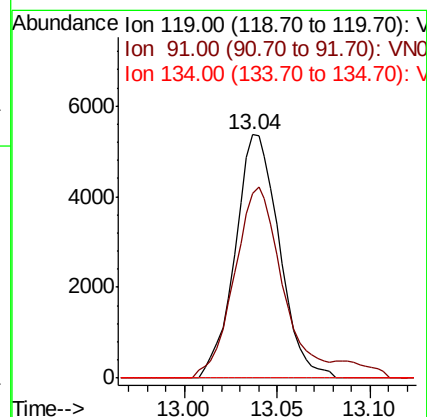
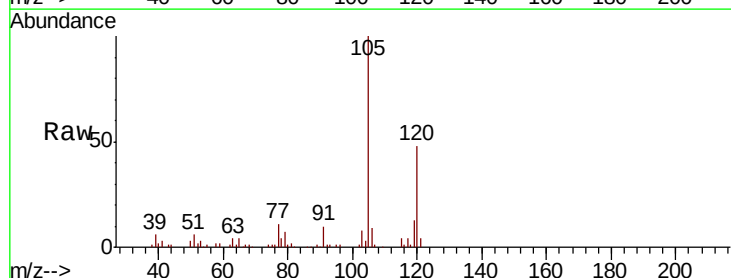
Tgt Ion: 119 Resp: 8902

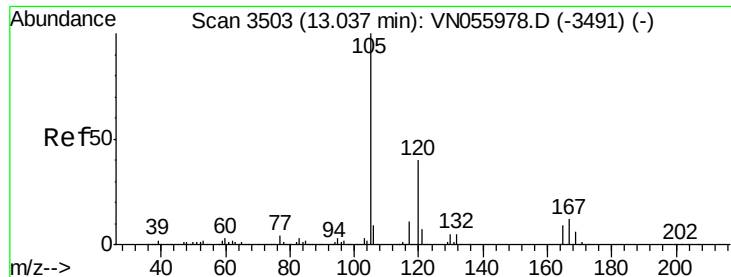
Ion Ratio Lower Upper

119 100

91 85.1 30.9 92.8

134 0.0 13.3 39.8#

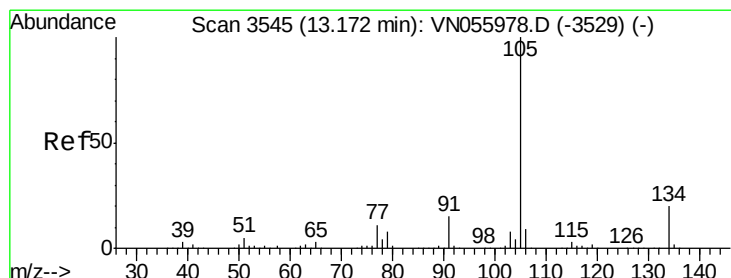
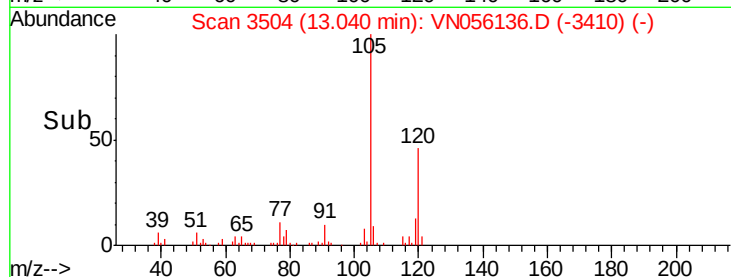
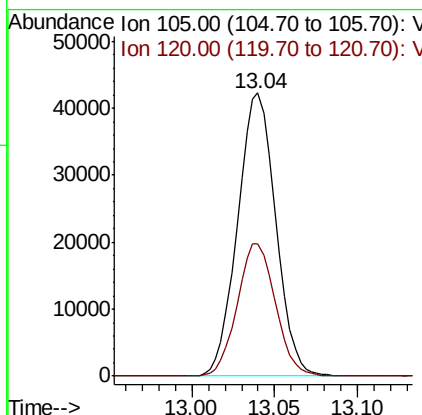
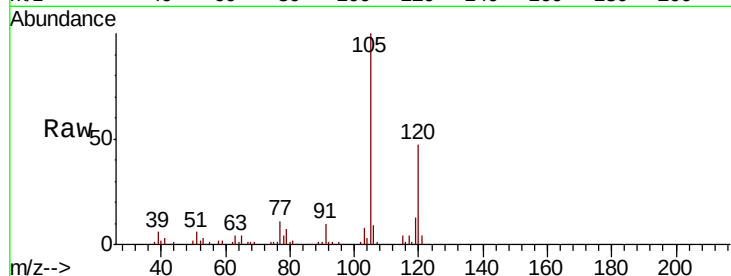




#84
 1,2,4-Trimethylbenzene
 Concen: 4.852 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

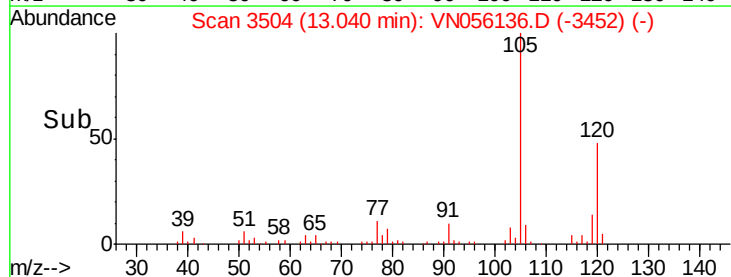
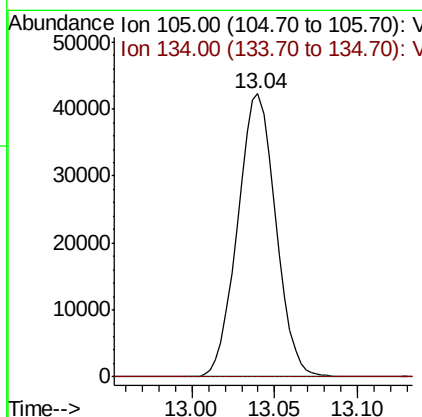
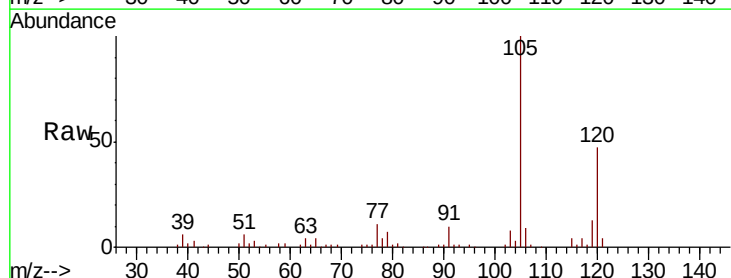
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1A

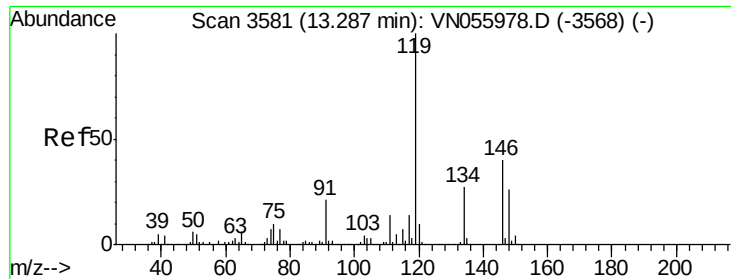
Tot Ion:105 Resp: 67526
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 4.130 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

Tgt Ion:105 Resp: 67526
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

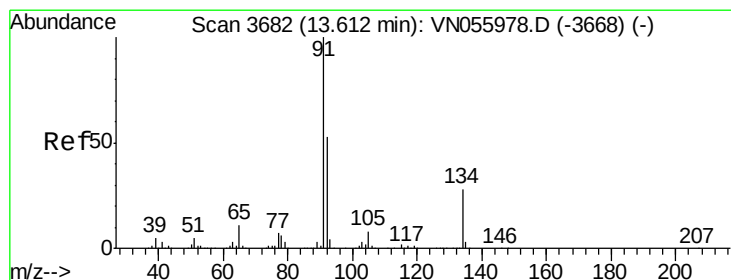
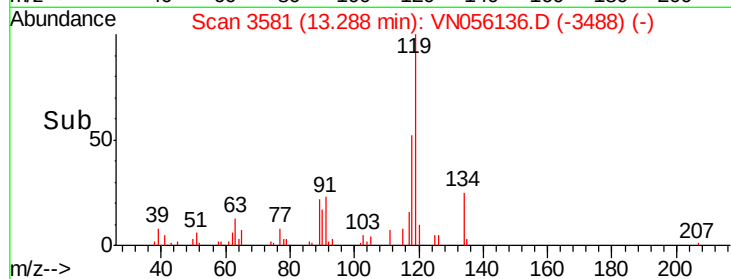
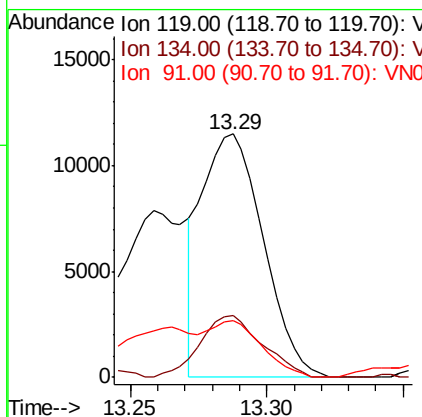
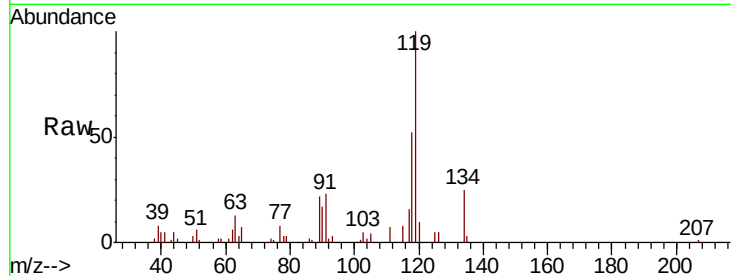




#86
 p-Isopropyltoluene
 Concen: 1.224 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

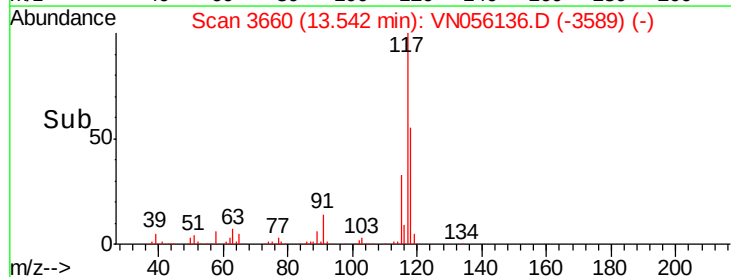
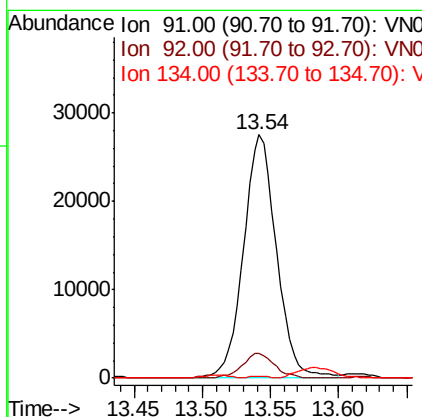
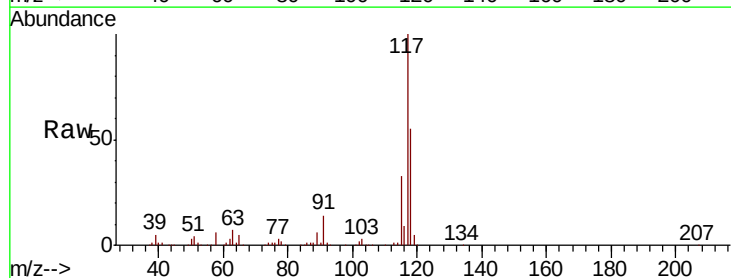
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1A

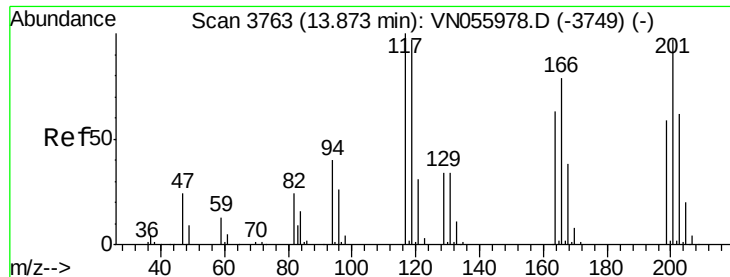
Tot Ion:119 Resp: 17906
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.1
 91 18.3 10.9 32.9



#89
 n-Butylbenzene
 Concen: 4.263 ug/l
 RT: 13.54 min Scan# 3660
 Delta R.T. -0.07 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

Tgt Ion: 91 Resp: 46213
 Ion Ratio Lower Upper
 91 100
 92 9.8 26.4 79.0#
 134 0.5 13.9 41.7#





#90

Hexachloroethane

Concen: 1.123 ug/l

RT: 13.95 min Scan# 3786

Delta R.T. 0.07 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

Instrument :

MSVOA_N

ClientSampled :

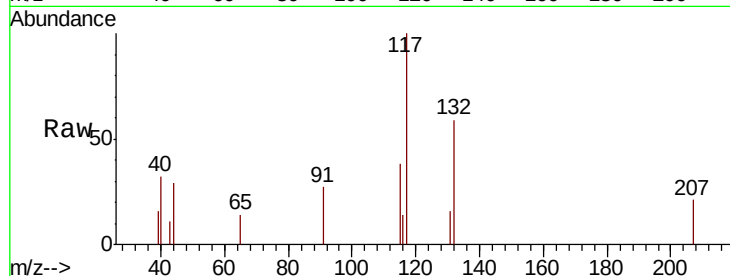
MW-1A

Tot Ion:117 Resp: 2478

Ion Ratio Lower Upper

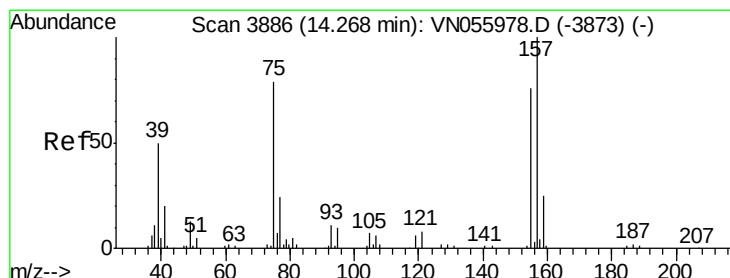
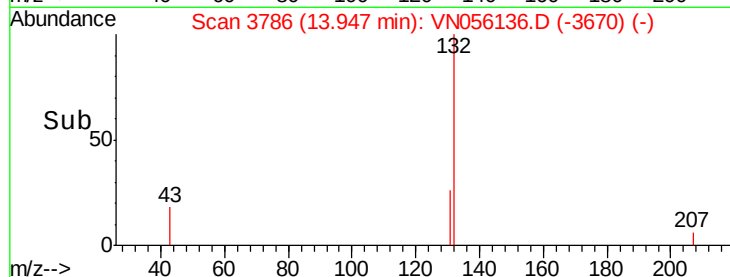
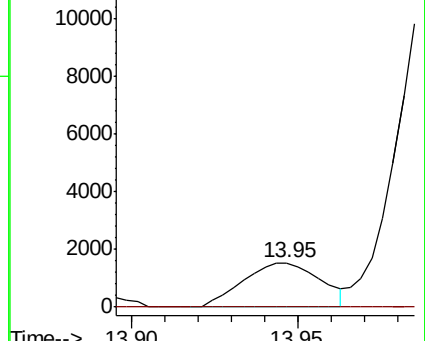
117 100

201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.998 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.01 min

Lab File: VN056136.D

Acq: 8 Jun 2019 7:52

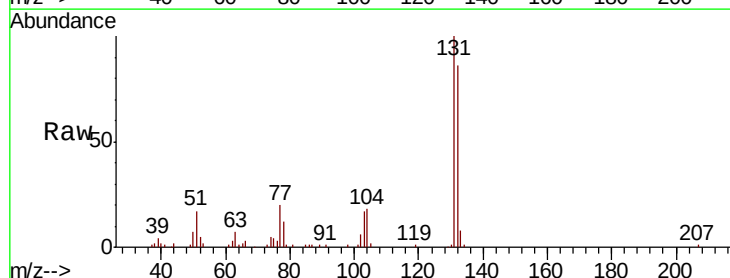
Tgt Ion: 75 Resp: 3622

Ion Ratio Lower Upper

75 100

155 0.0 50.0 150.1#

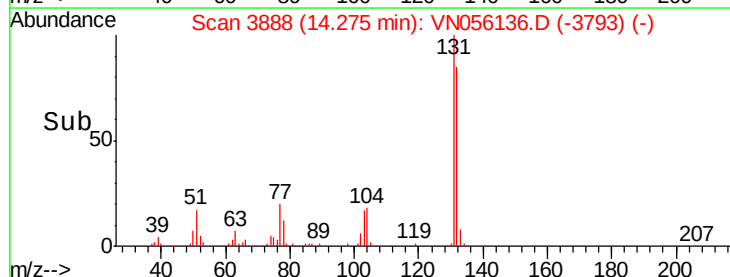
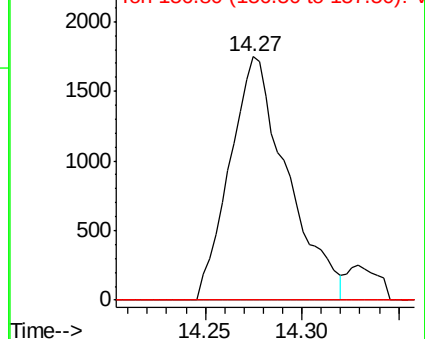
157 0.0 64.8 194.3#

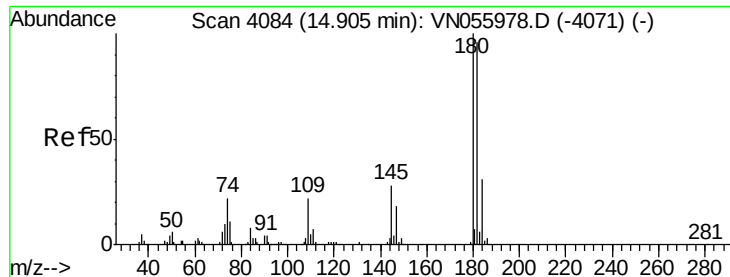


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

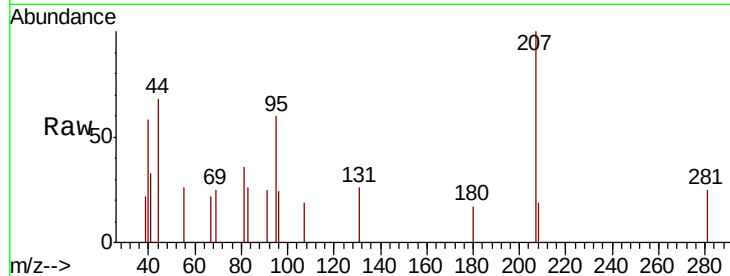




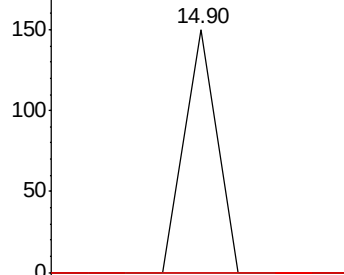
#93
 1,2,4-Trichlorobenzene
 Concen: 4.276 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.00 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

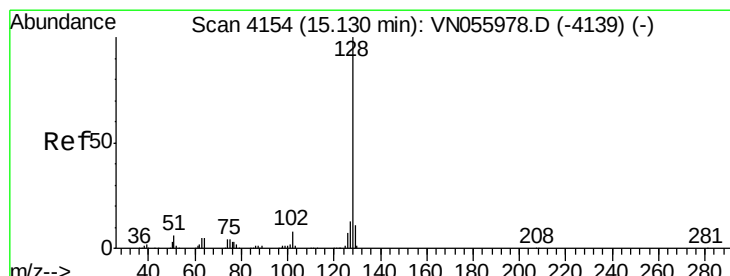
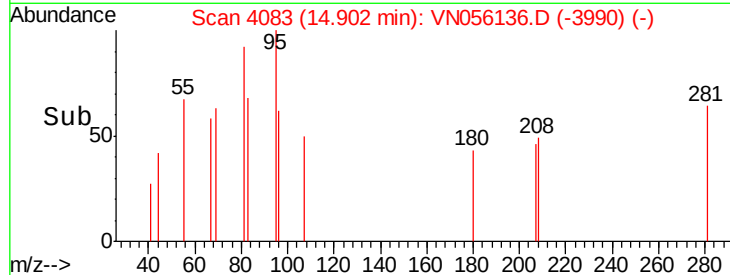
Tot Ion:180 Resp: 29
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.3 144.9#
 145 0.0 14.0 41.9#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

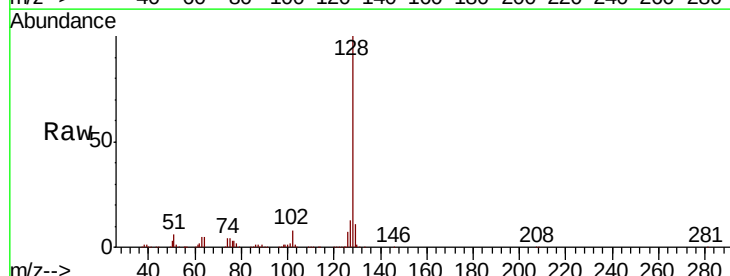


Time--> 14.89 14.90 14.91

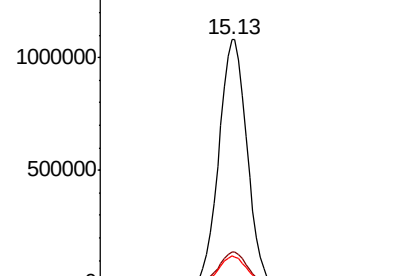


#95
 Naphthalene
 Concen: 170.776 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN056136.D
 Acq: 8 Jun 2019 7:52

Tgt Ion:128 Resp: 1888015
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



Time--> 15.10 15.13 15.20

