

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054398.D
 Acq On : 18 Mar 2019 17:11
 Operator : JC/SP
 Sample : K1960-09RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-031419

Quant Time: Mar 19 05:13:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1788085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2577749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2197922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	867664	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	860869	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
35) Dibromofluoromethane	7.59	113	785117	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
50) Toluene-d8	10.09	98	2996612	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	920564	42.85	ug/l	0.00
Spiked Amount			Recovery	=	85.70%	

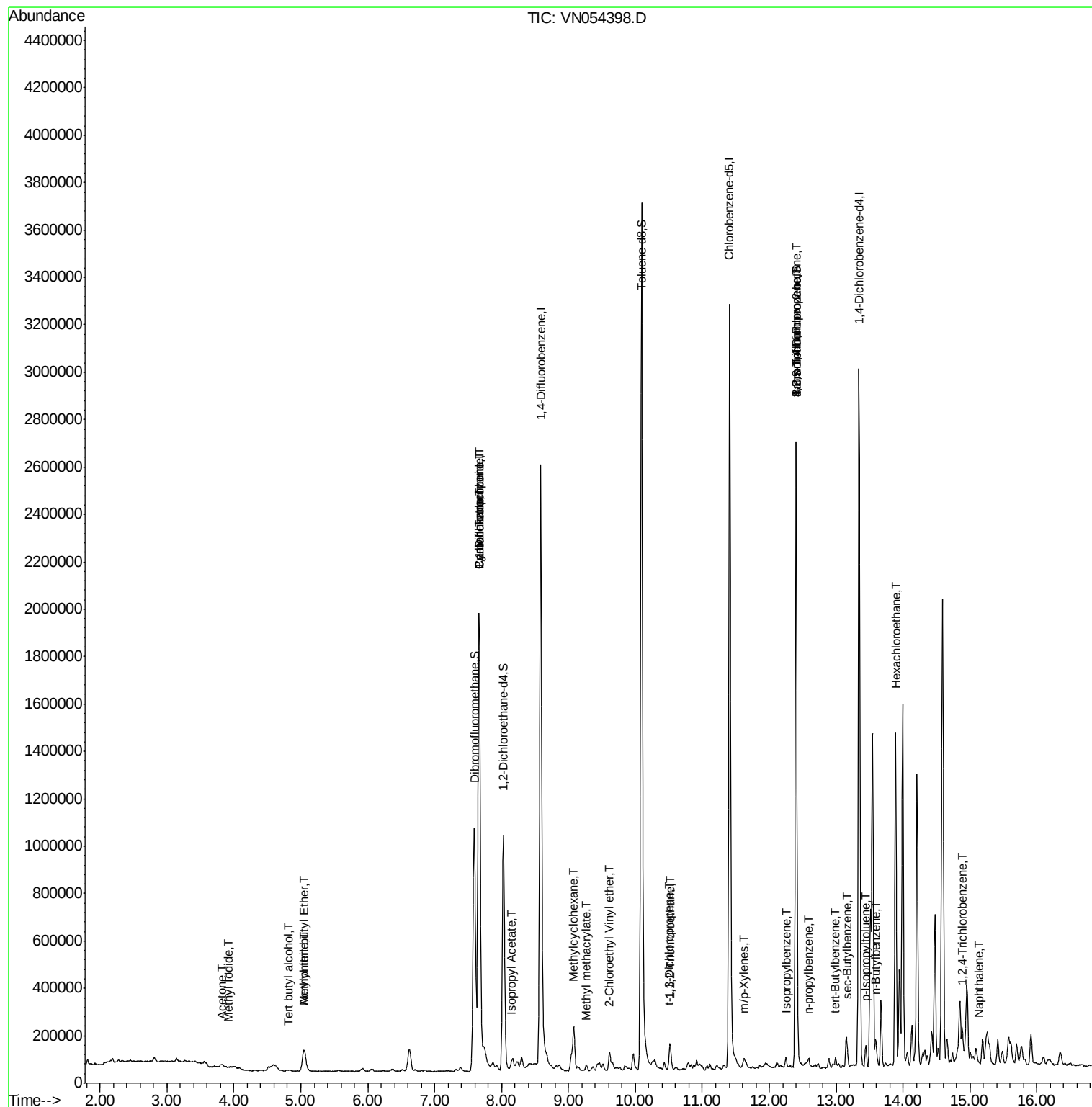
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.92	142	257	1.506	ug/l #	45
11) Tert butyl alcohol	4.81	59	3810	2.927	ug/l #	70
15) Acrylonitrile	5.04	53	1882	0.352	ug/l #	24
16) Acetone	3.82	43	17375	3.196	ug/l	100
19) Methyl tert-butyl Ether	5.06	73	101842	2.212	ug/l #	37
31) Cyclohexane	7.65	56	109859	2.685	ug/l #	78
36) 1,1-Dichloropropene	7.66	75	105628	4.450	ug/l #	48
38) Carbon Tetrachloride	7.67	117	146961	5.903	ug/l #	15
39) Methylcyclohexane	9.08	83	91966	3.149	ug/l	96
43) Isopropyl Acetate	8.15	43	5614	0.234	ug/l #	60
48) Methyl methacrylate	9.27	41	5610	0.462	ug/l #	35
53) t-1,3-Dichloropropene	10.50	75	30	1.987	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	15870	1.009	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.61	63	1214	16.967	ug/l #	44
68) m/p-Xylenes	11.62	106	15291	0.489	ug/l	98
71) Bromoform	12.40	173	5842	2.767	ug/l #	1
73) Isopropylbenzene	12.25	105	29050	0.418	ug/l	97
76) 1,2,3-Trichloropropane	12.40	75	436935	34.244	ug/l #	100
78) n-propylbenzene	12.59	91	18753	0.249	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	436935	117.062	ug/l #	11
83) tert-Butylbenzene	12.99	119	21785	0.410	ug/l	97
85) sec-Butylbenzene	13.17	105	29888	0.434	ug/l #	1
86) p-Isopropyltoluene	13.44	119	52259	0.864	ug/l	95
89) n-Butylbenzene	13.60	91	23725	0.516	ug/l #	6
90) Hexachloroethane	13.89	117	75394	7.530	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.90	180	168	2.525	ug/l #	80
95) Naphthalene	15.13	128	4128	3.571	ug/l #	50

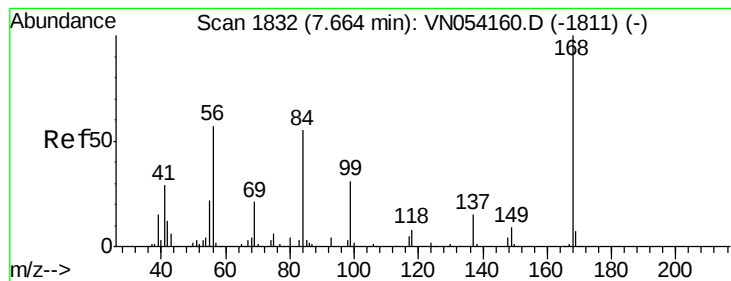
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

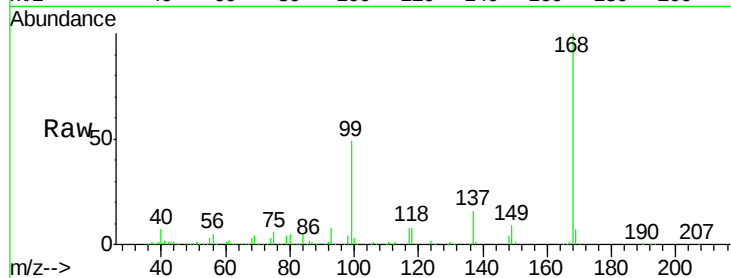
T11-MW-1-8.0-031419

Tot Ion:168 Resp: 1788085

Ion Ratio Lower Upper

168 100

99 48.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

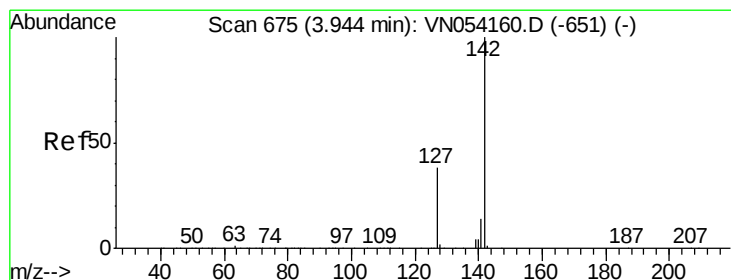
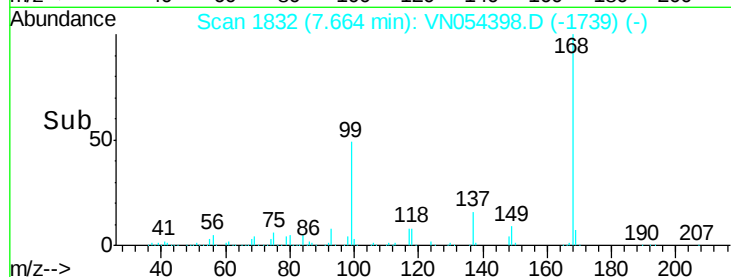
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.506 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.02 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

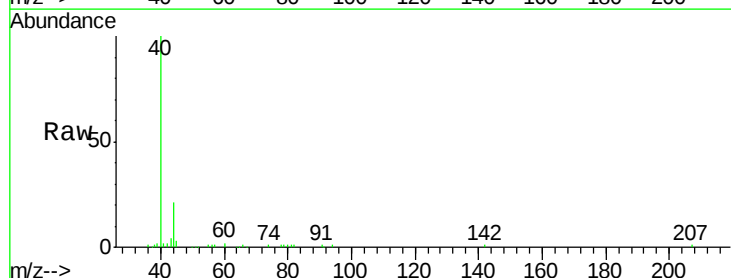
Tgt Ion:142 Resp: 257

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.92

250

200

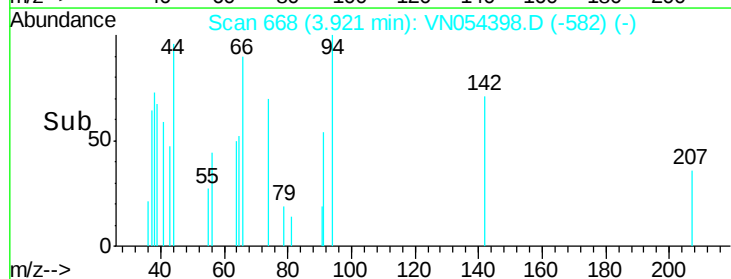
150

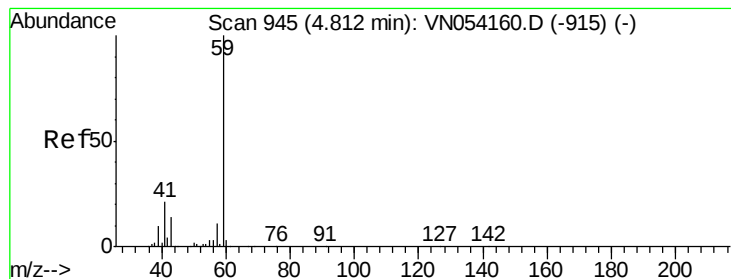
100

50

0

Time-->



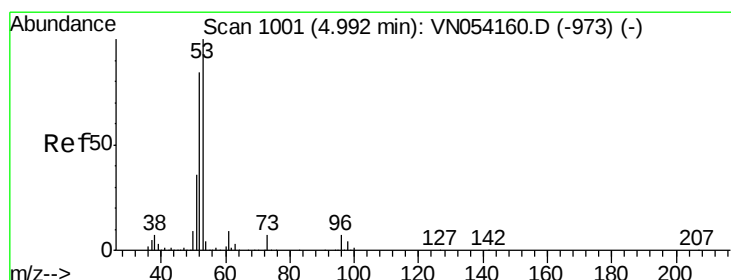
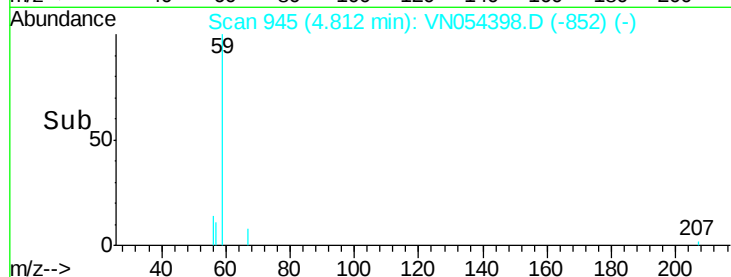
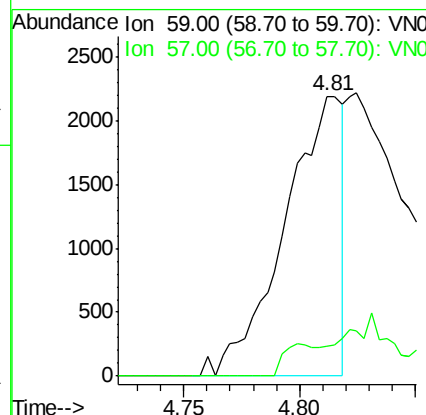
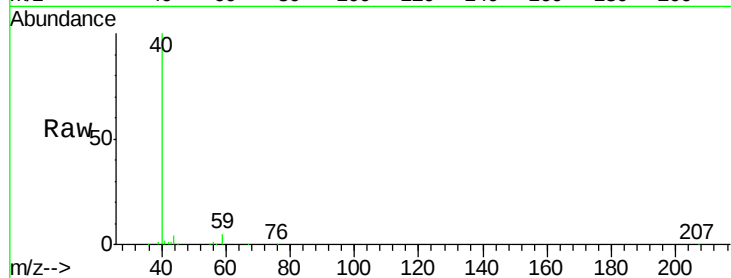


#11

Tert butyl alcohol
 Concen: 2.927 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: VN054398.D
 Acq: 18 Mar 2019 17:11

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-031419

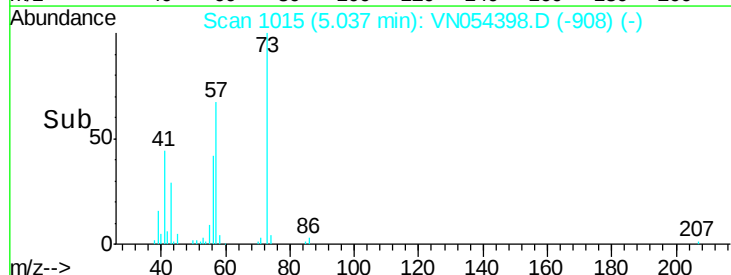
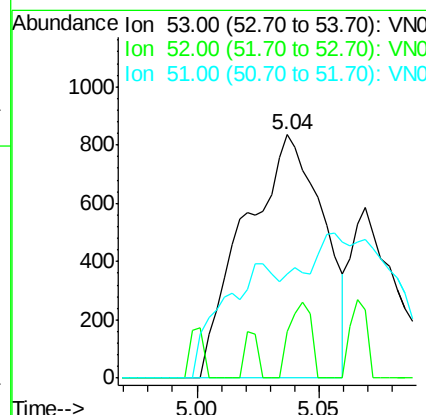
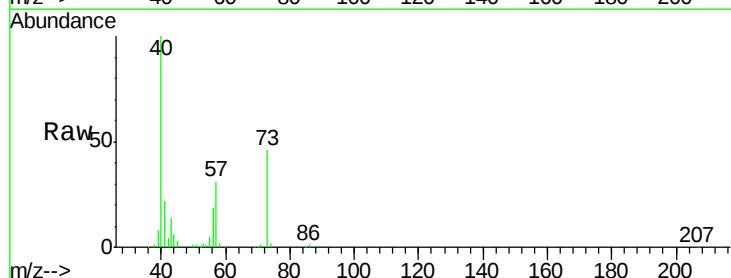
Tot Ion: 59 Resp: 3810
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

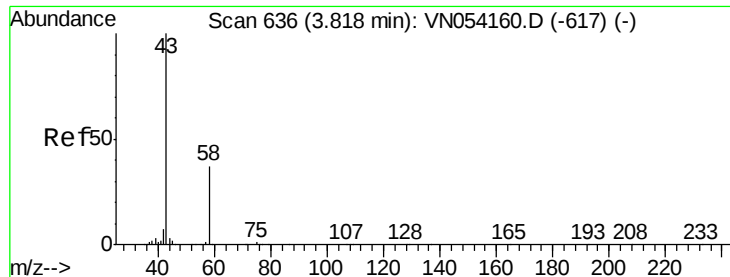


#15

Acrylonitrile
 Concen: 0.352 ug/l
 RT: 5.04 min Scan# 1015
 Delta R.T. 0.05 min
 Lab File: VN054398.D
 Acq: 18 Mar 2019 17:11

Tgt Ion: 53 Resp: 1882
 Ion Ratio Lower Upper
 53 100
 52 8.8 66.4 99.6#
 51 0.0 29.6 44.4#





#16

Acetone

Concen: 3.196 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

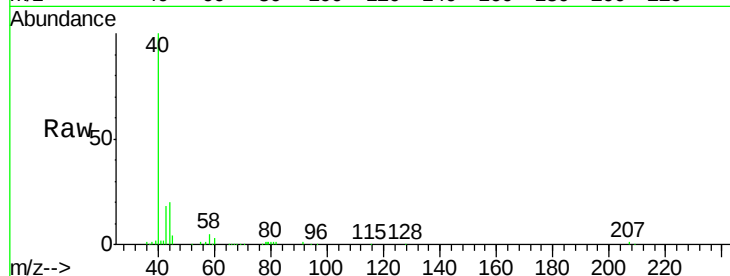
T11-MW-1-8.0-031419

Tot Ion: 43 Resp: 17375

Ion Ratio Lower Upper

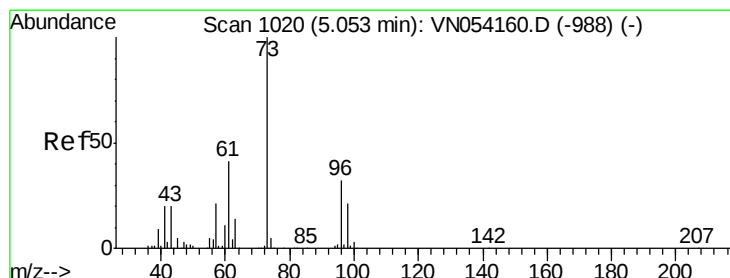
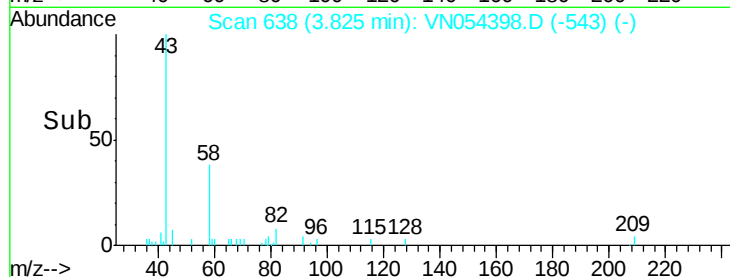
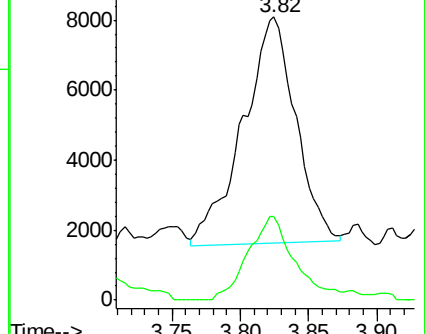
43 100

58 37.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#19

Methyl tert-butyl Ether

Concen: 2.212 ug/l

RT: 5.06 min Scan# 1022

Delta R.T. 0.01 min

Lab File: VN054398.D

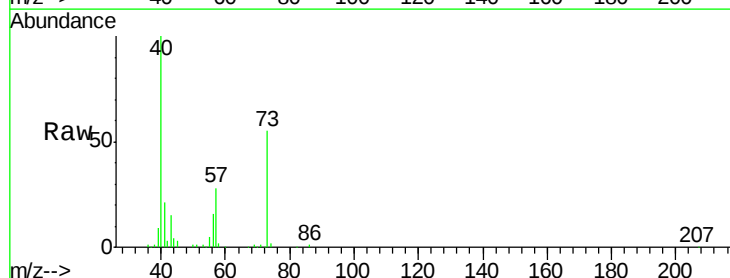
Acq: 18 Mar 2019 17:11

Tgt Ion: 73 Resp: 101842

Ion Ratio Lower Upper

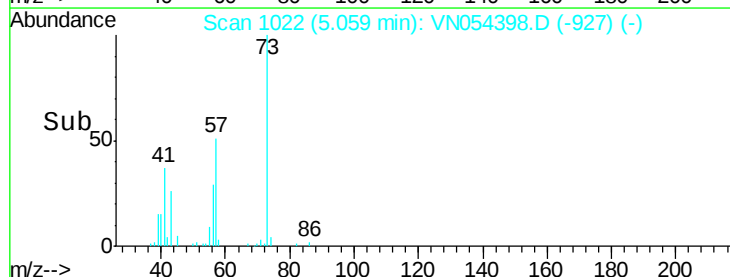
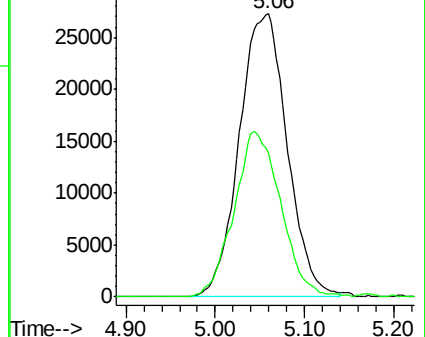
73 100

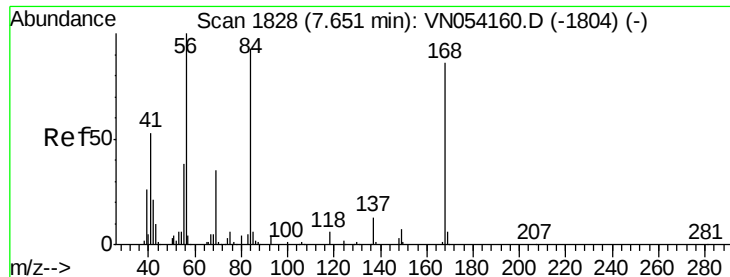
57 50.7 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#31

Cyclohexane

Concen: 2.685 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-031419

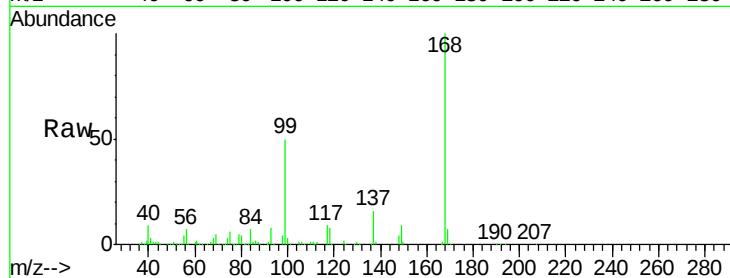
Tot Ion: 56 Resp: 109859

Ion Ratio Lower Upper

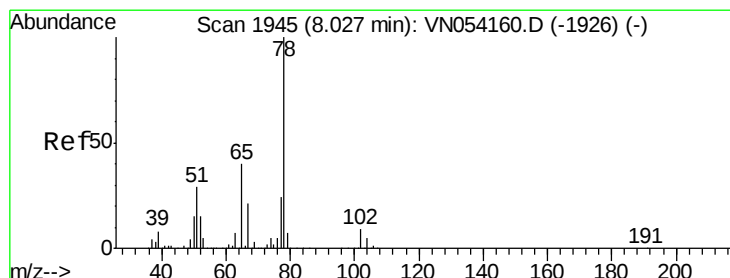
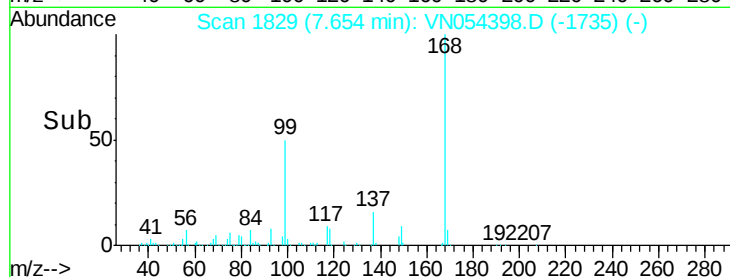
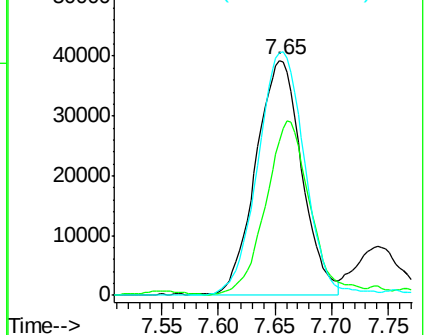
56 100

69 65.3 27.8 41.6#

84 103.5 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#33

1,2-Dichloroethane-d4

Concen: 45.334 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054398.D

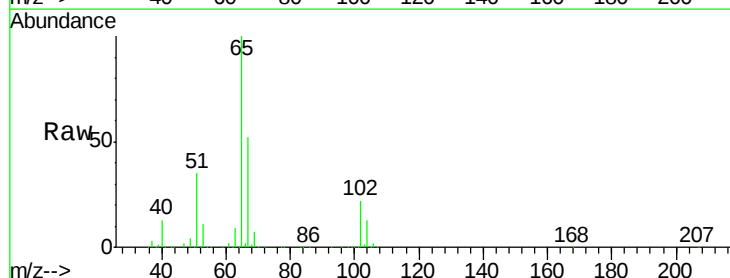
Acq: 18 Mar 2019 17:11

Tgt Ion: 65 Resp: 860869

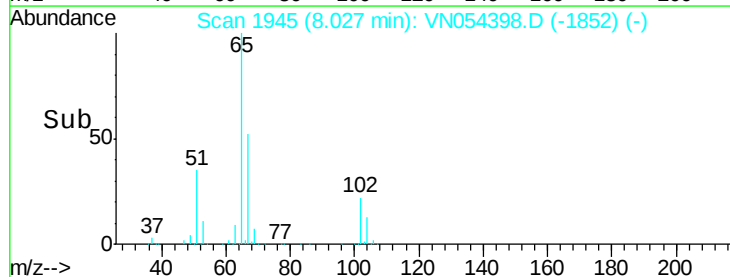
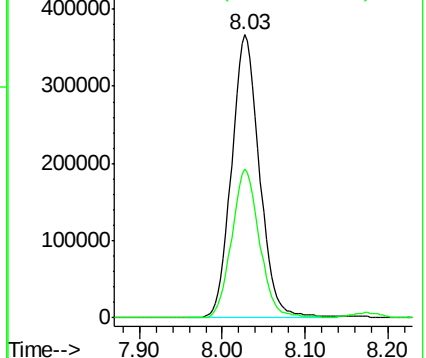
Ion Ratio Lower Upper

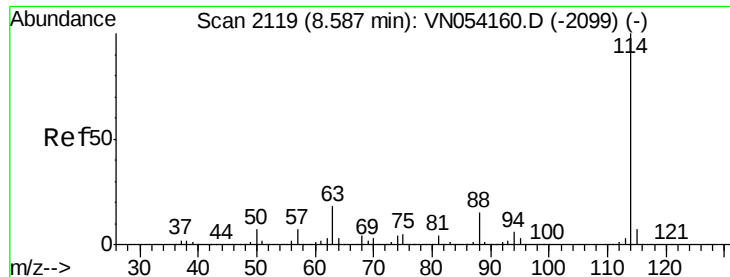
65 100

67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

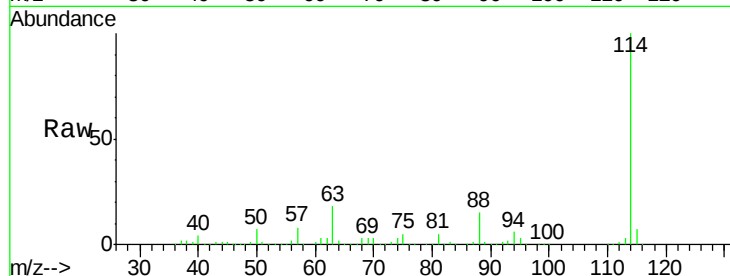




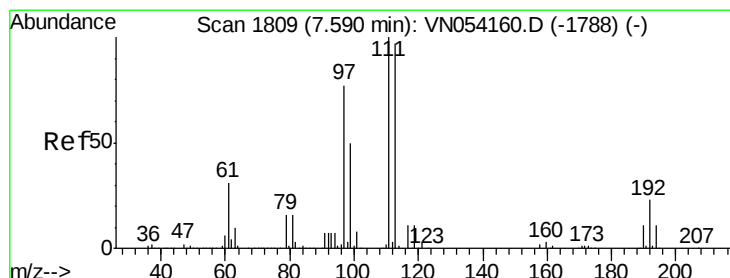
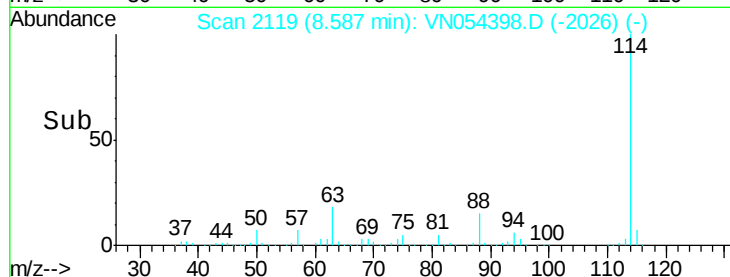
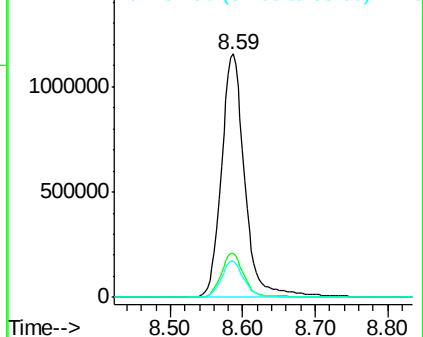
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054398.D
 Acq: 18 Mar 2019 17:11

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-031419

Tot Ion:114 Resp: 2577749
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 15.1 0.0 30.2

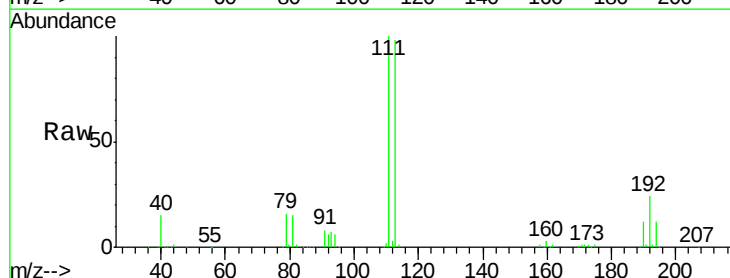


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

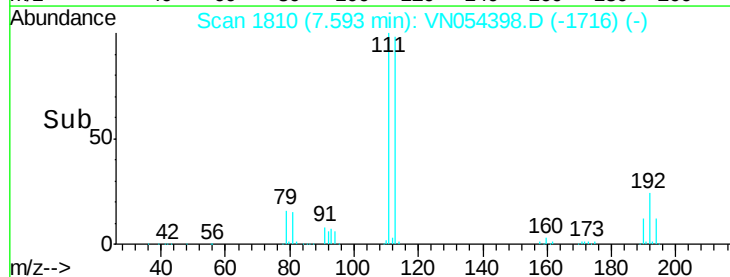
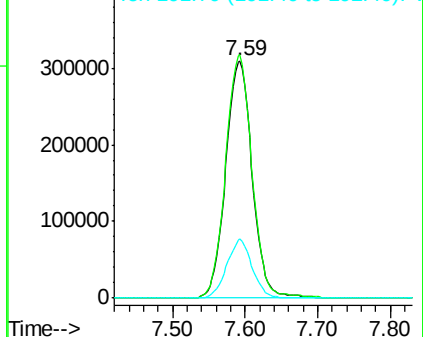


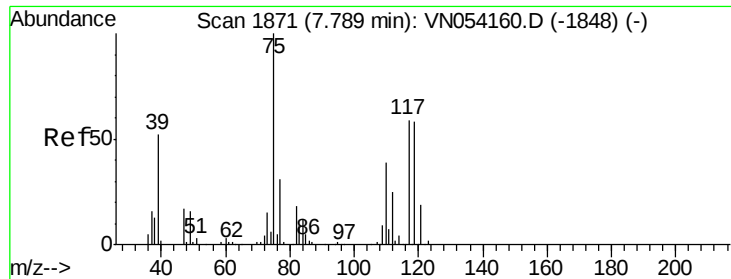
#35
 Dibromofluoromethane
 Concen: 47.224 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054398.D
 Acq: 18 Mar 2019 17:11

Tgt Ion:113 Resp: 785117
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 23.8 19.2 28.8



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





#36

1,1-Dichloropropene

Concen: 4.450 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

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ClientSampleId :

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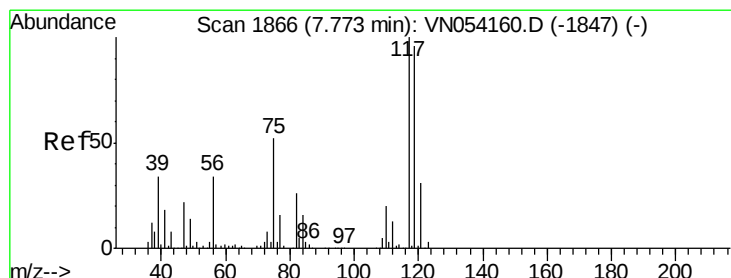
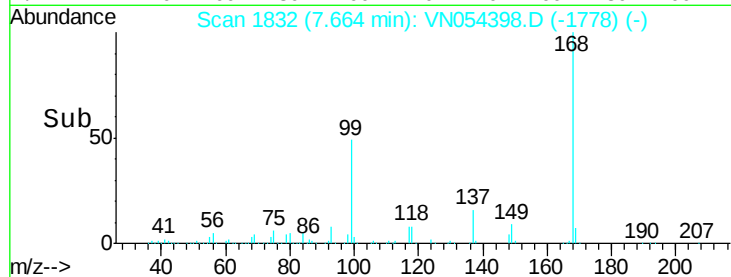
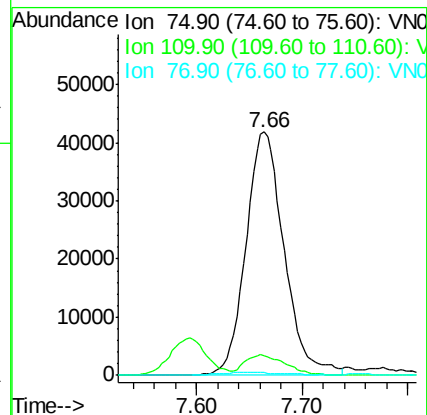
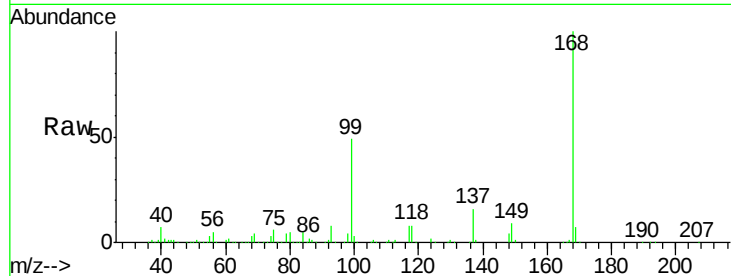
Tot Ion: 75 Resp: 105628

Ion Ratio Lower Upper

75 100

110 9.0 19.1 57.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.903 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

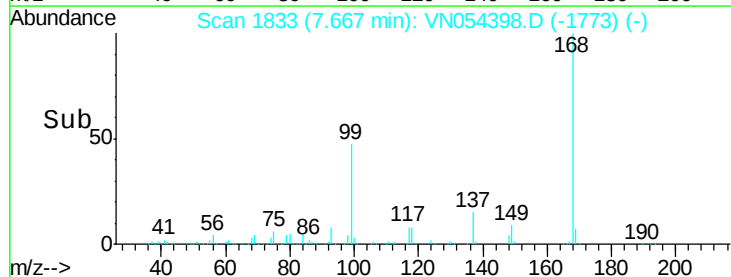
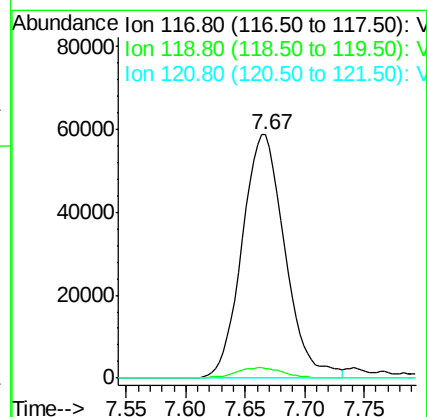
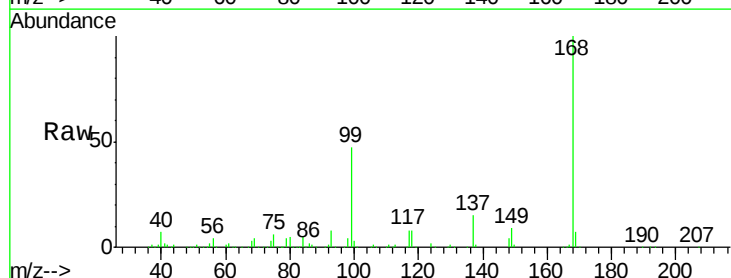
Tgt Ion: 117 Resp: 146961

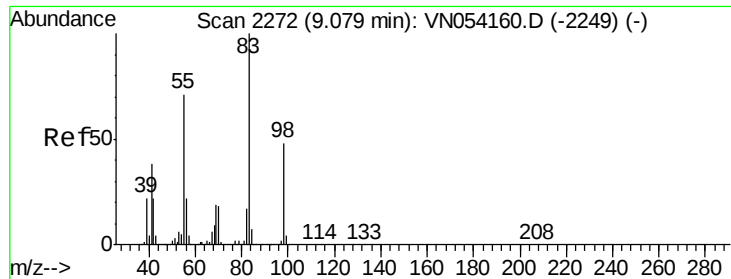
Ion Ratio Lower Upper

117 100

119 4.0 76.3 114.5#

121 0.0 24.6 36.8#

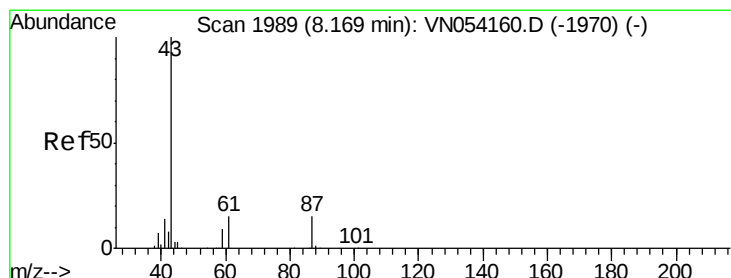
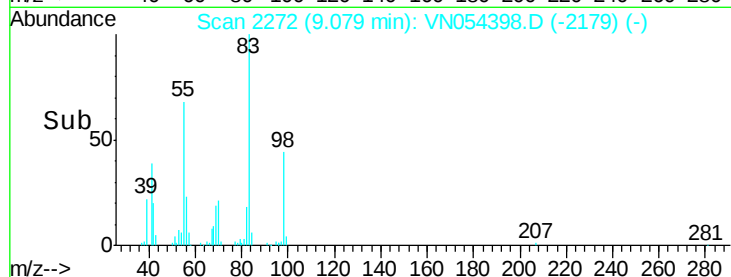
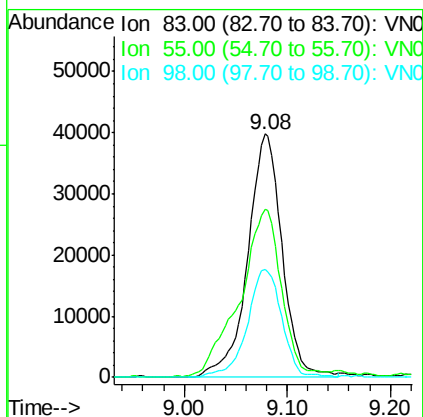
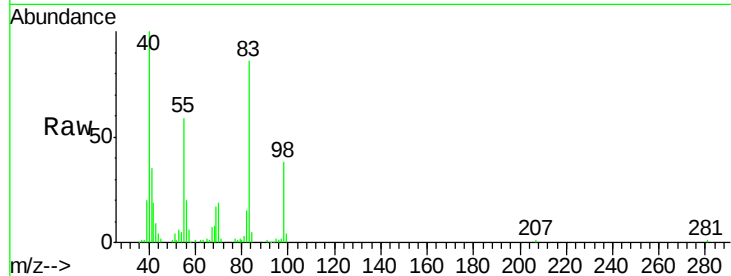




#39
Methvlcvclohexane
Concen: 3.149 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054398.D
Acq: 18 Mar 2019 17:11

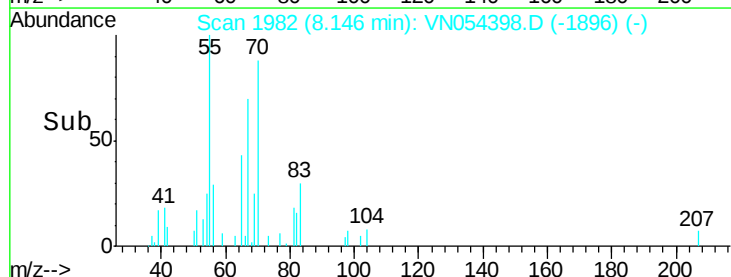
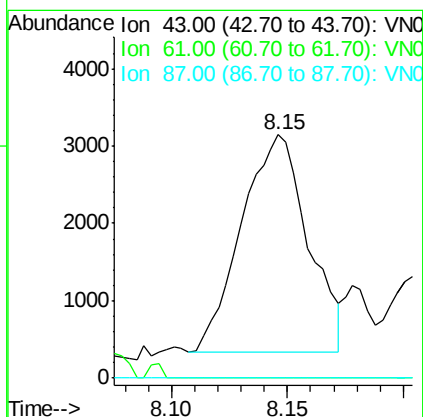
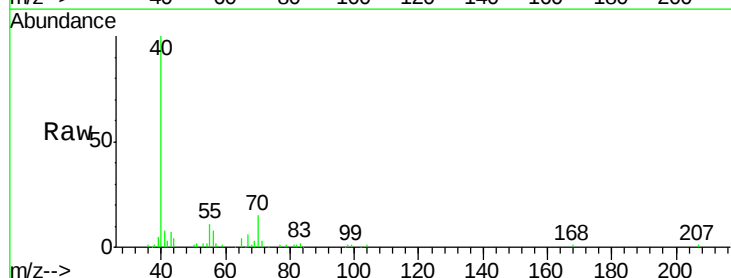
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-031419

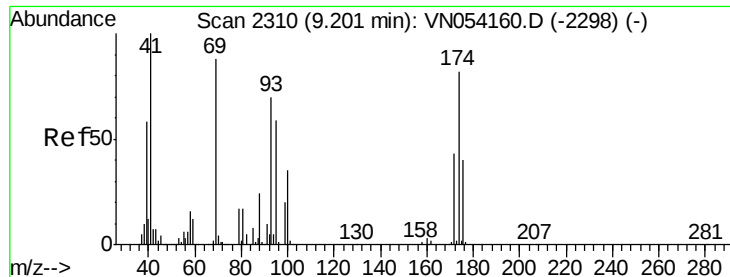
Tot Ion: 83 Resp: 91966
Ion Ratio Lower Upper
83 100
55 68.2 56.6 84.8
98 44.2 38.4 57.6



#43
Isopropyl Acetate
Concen: 0.234 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. -0.02 min
Lab File: VN054398.D
Acq: 18 Mar 2019 17:11

Tgt Ion: 43 Resp: 5614
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 12.0 18.0#

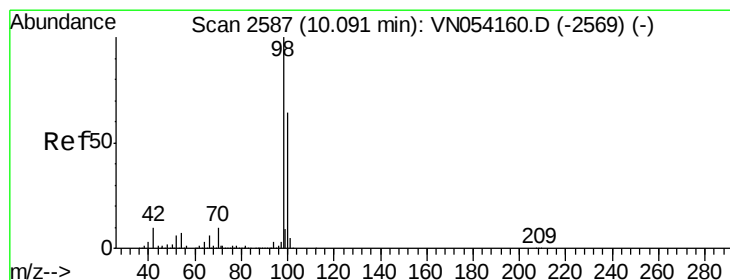
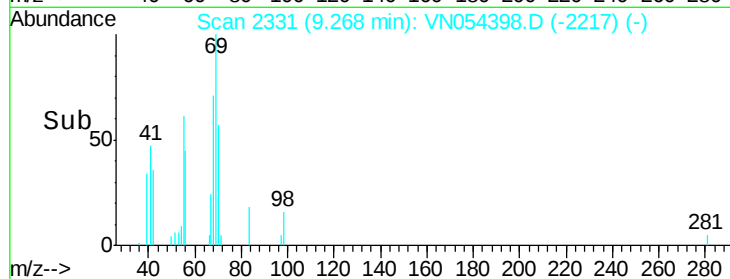
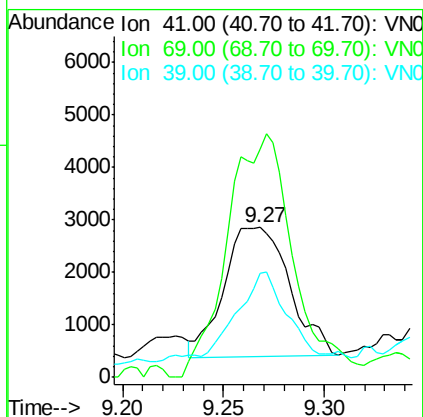
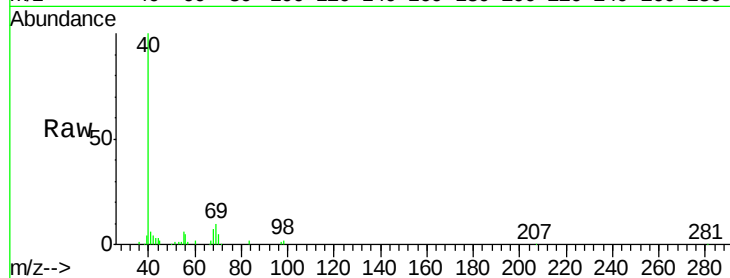




#48
Methvl methacrylate
Concen: 0.462 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN054398.D
Acq: 18 Mar 2019 17:11

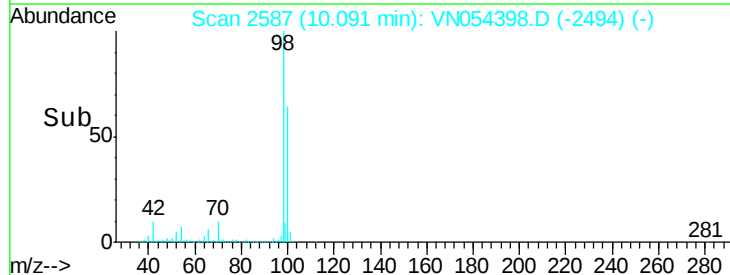
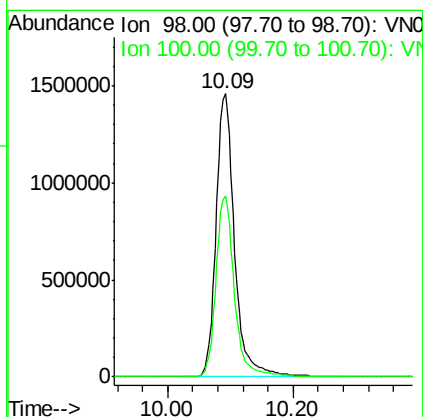
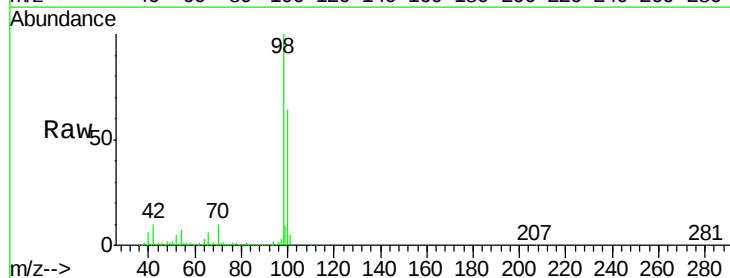
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-031419

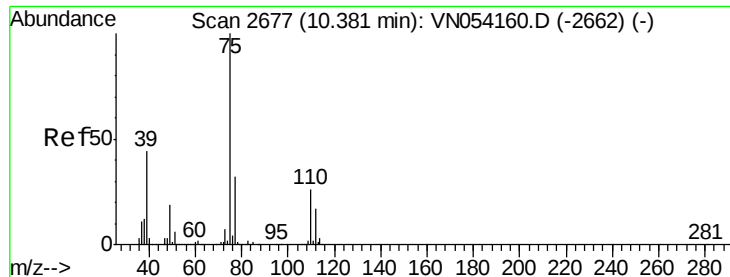
Tot Ion: 41 Resp: 5610
Ion Ratio Lower Upper
41 100
69 189.8 72.6 108.8#
39 56.2 47.5 71.3



#50
Toluene-d8
Concen: 48.805 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054398.D
Acq: 18 Mar 2019 17:11

Tgt Ion: 98 Resp: 2996612
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#53

t-1,3-Dichloropropene

Concen: 1.987 ug/l

RT: 10.50 min Scan# 2713

Delta R.T. 0.12 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

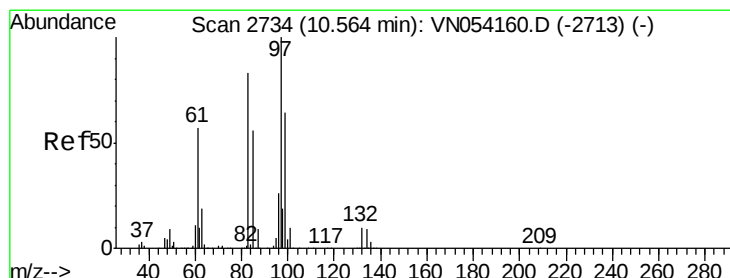
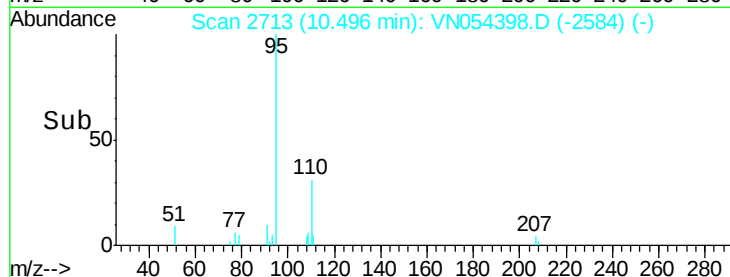
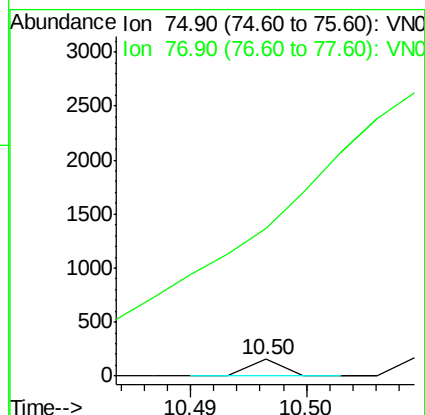
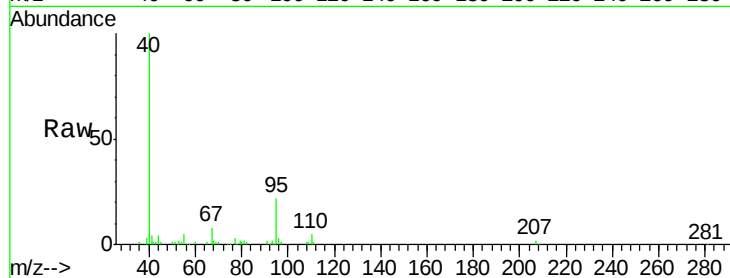
T11-MW-1-8.0-031419

Tot Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

77 281.3 25.8 38.8#



#55

1,1,2-Trichloroethane

Concen: 1.009 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.04 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Tgt Ion: 97 Resp: 15870

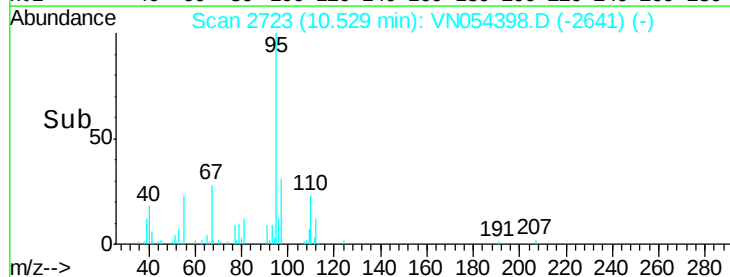
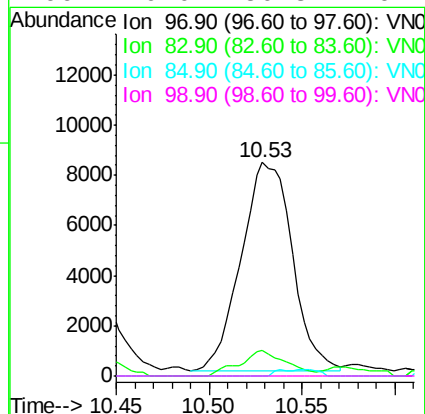
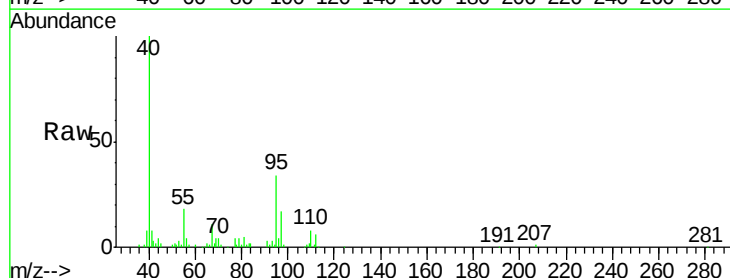
Ion Ratio Lower Upper

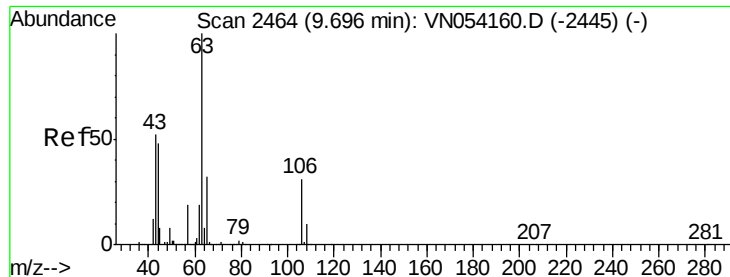
97 100

83 12.2 66.6 100.0#

85 0.0 44.4 66.6#

99 0.0 50.8 76.2#





#58

2-Chloroethyl Vinyl ether

Concen: 16.967 ug/l

RT: 9.61 min Scan# 2438

Delta R.T. -0.08 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

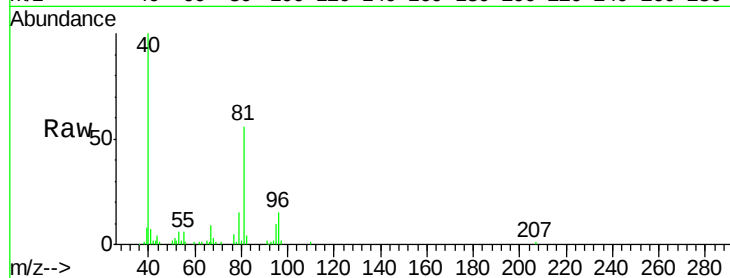
T11-MW-1-8.0-031419

Tot Ion: 63 Resp: 1214

Ion Ratio Lower Upper

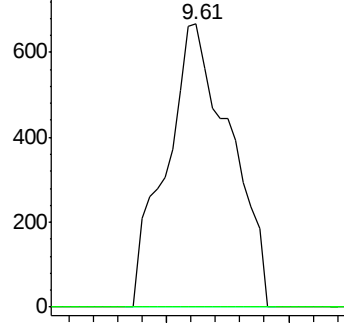
63 100

106 0.0 24.4 36.6#

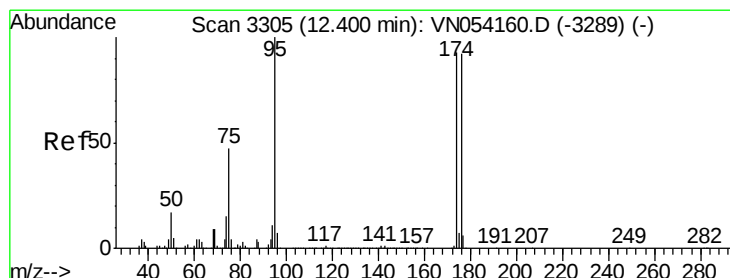
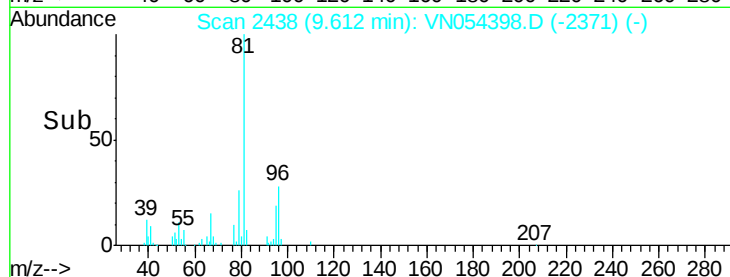


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->



#62

4-Bromofluorobenzene

Concen: 42.849 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

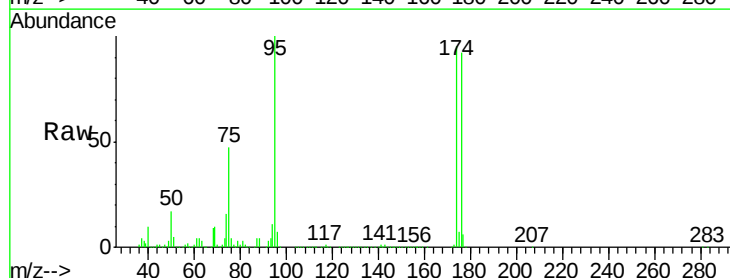
Tgt Ion: 95 Resp: 920564

Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.0

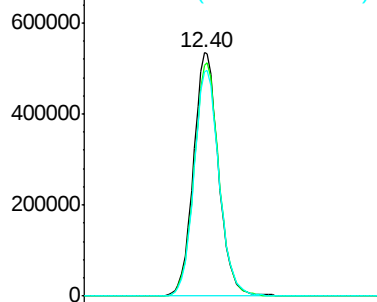
176 93.9 0.0 187.4



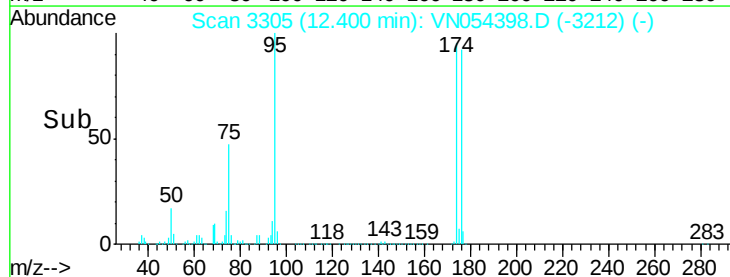
Abundance Ion 94.90 (94.60 to 95.60): VN0

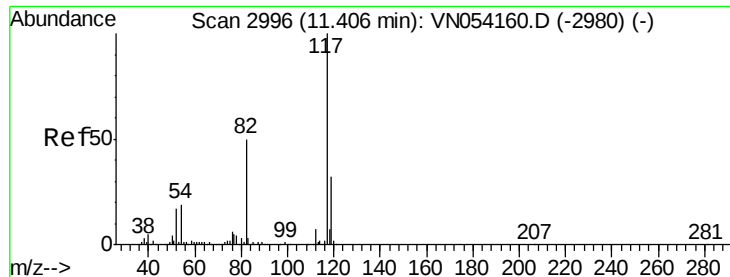
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-031419

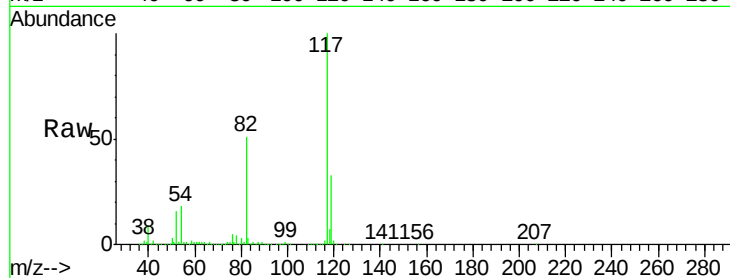
Tot Ion:117 Resp: 2197922

Ion Ratio Lower Upper

117 100

82 50.7 40.0 60.0

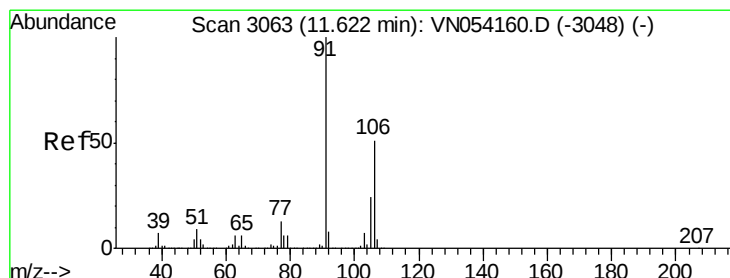
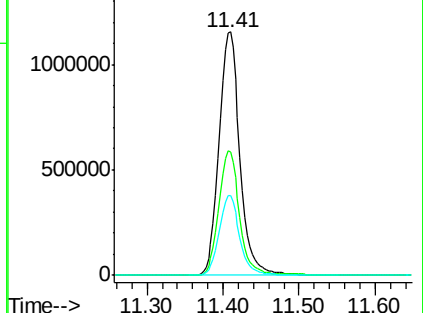
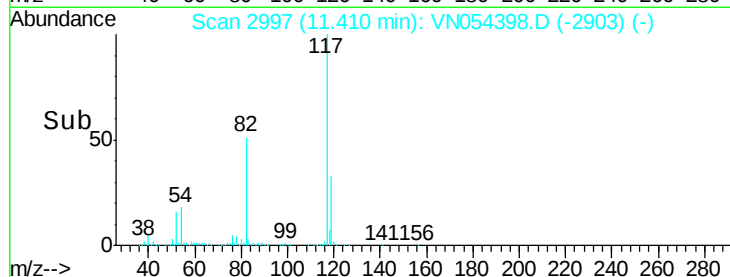
119 32.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.489 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054398.D

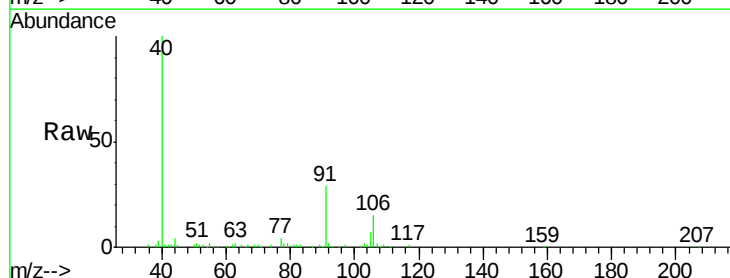
Acq: 18 Mar 2019 17:11

Tgt Ion:106 Resp: 15291

Ion Ratio Lower Upper

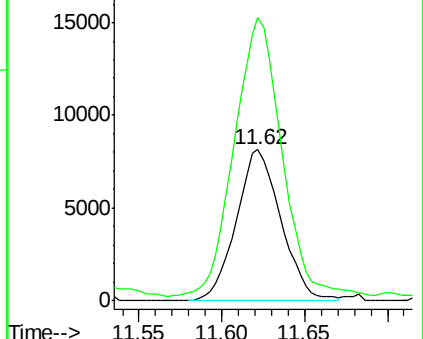
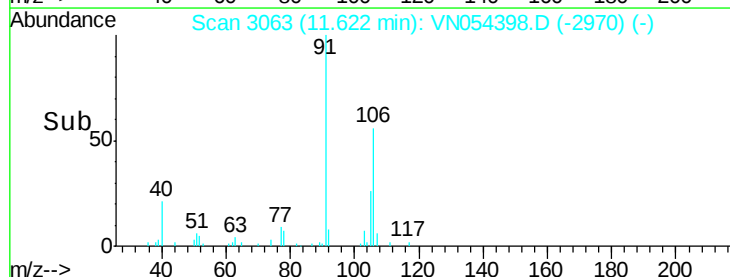
106 100

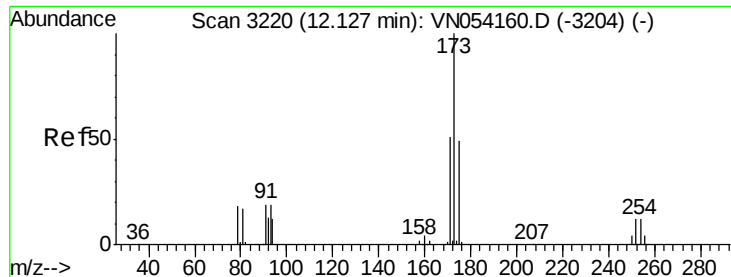
91 195.6 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 2.767 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-031419

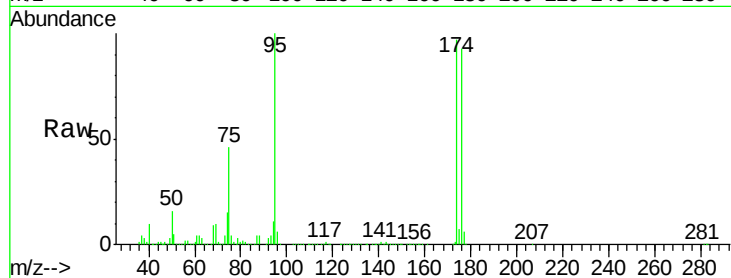
Tot Ion:173 Resp: 5842

Ion Ratio Lower Upper

173 100

175 930.1 24.4 73.2#

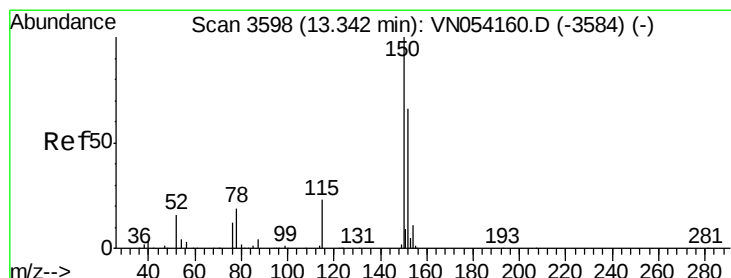
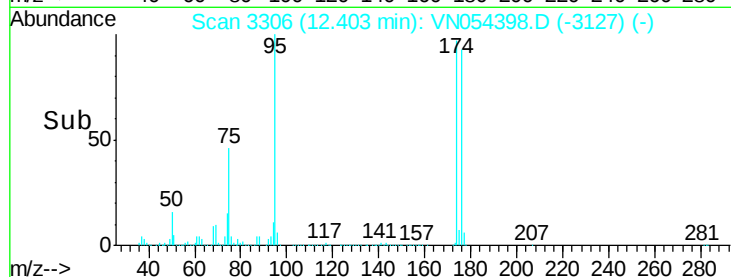
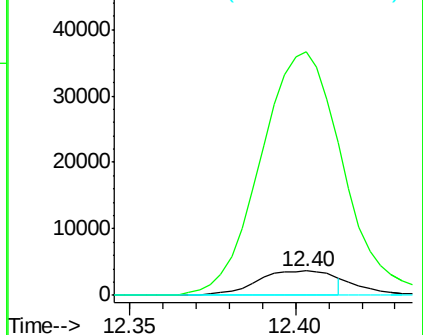
254 0.0 0.1 0.1#



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: VN054398.D

Acq: 18 Mar 2019 17:11

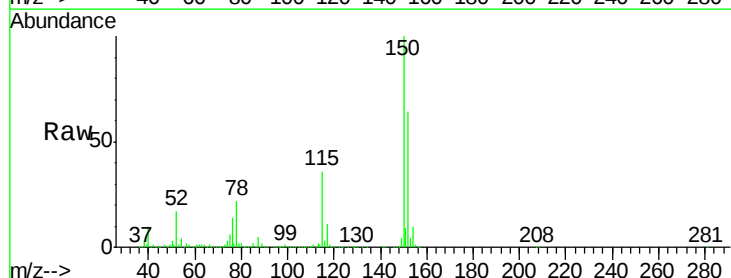
Tgt Ion:152 Resp: 867664

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

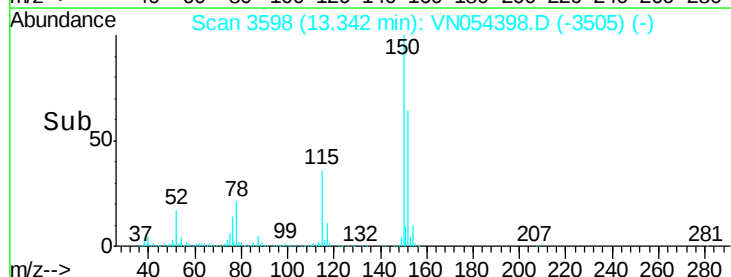
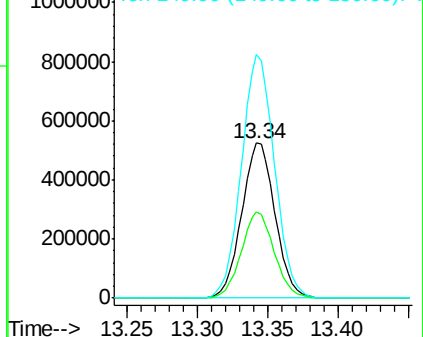
150 156.2 0.0 349.2

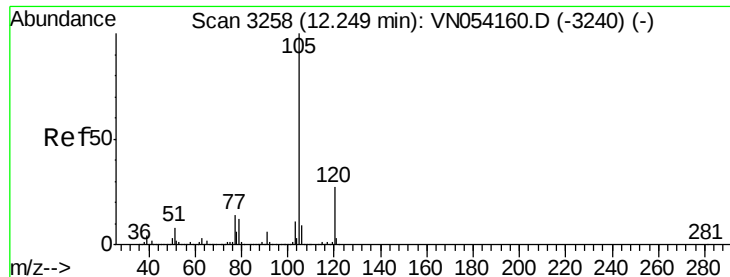


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.418 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

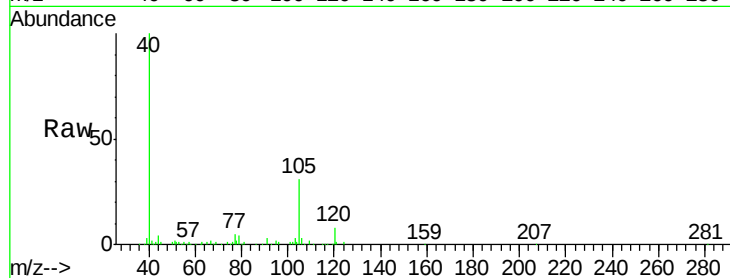
T11-MW-1-8.0-031419

Tot Ion:105 Resp: 29050

Ion Ratio Lower Upper

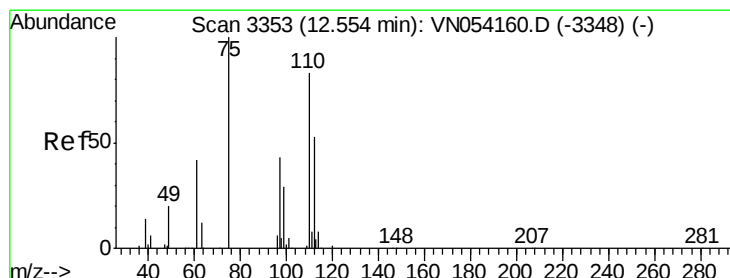
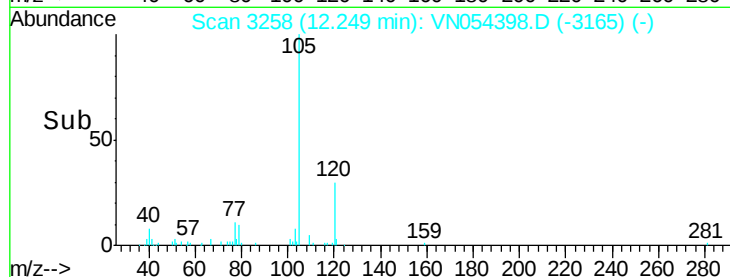
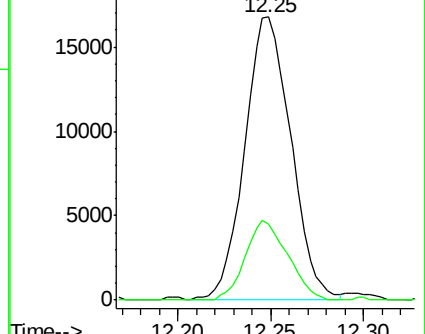
105 100

120 25.7 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 34.244 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054398.D

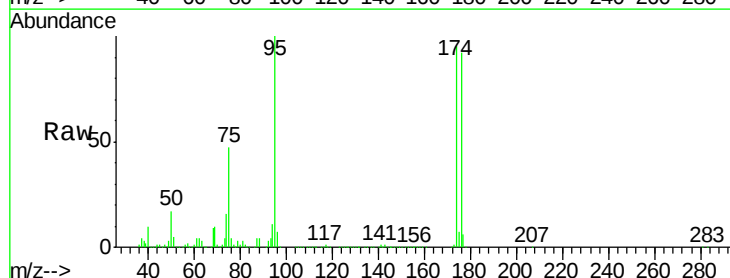
Acq: 18 Mar 2019 17:11

Tgt Ion: 75 Resp: 436935

Ion Ratio Lower Upper

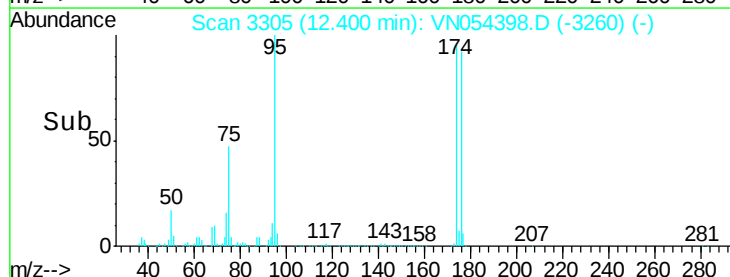
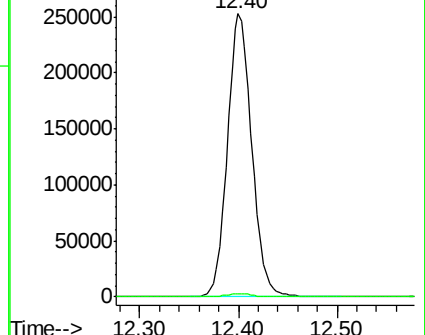
75 100

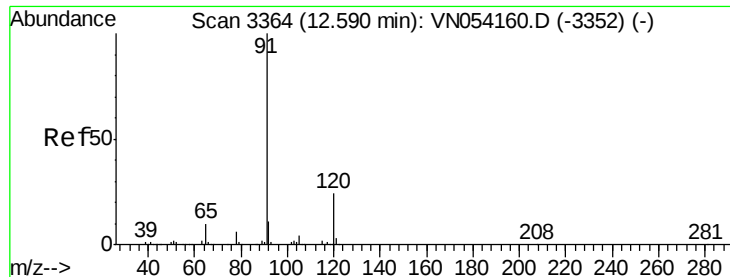
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.249 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

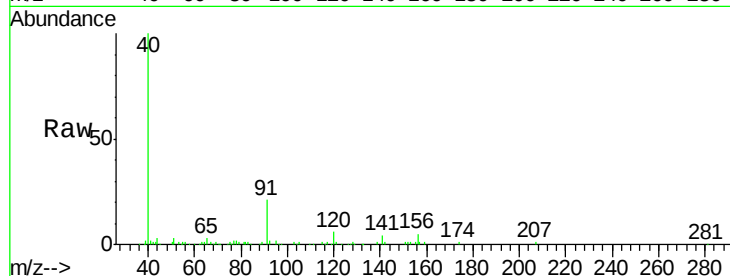
T11-MW-1-8.0-031419

Tot Ion: 91 Resp: 18753

Ion Ratio Lower Upper

91 100

120 25.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): VN

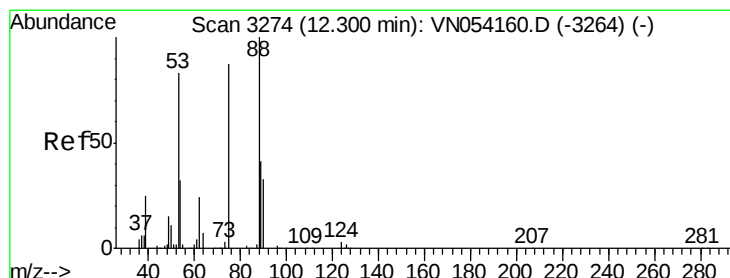
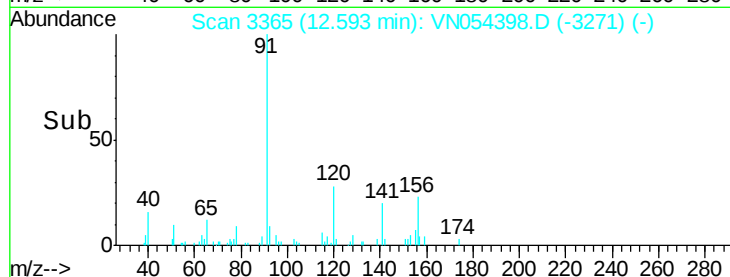
12.59

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 117.062 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

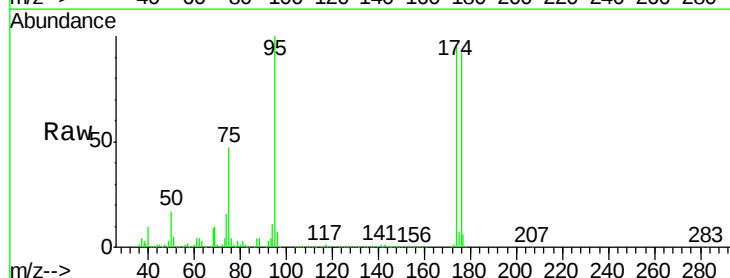
Tgt Ion: 75 Resp: 436935

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.1 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.40

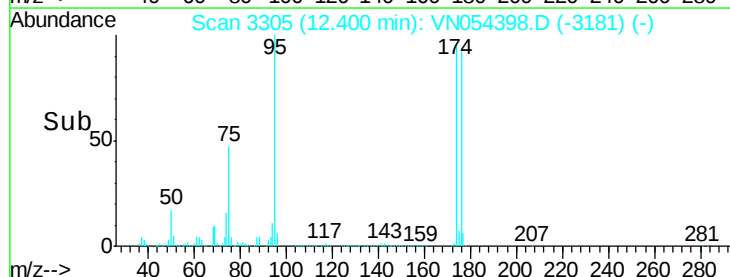
300000

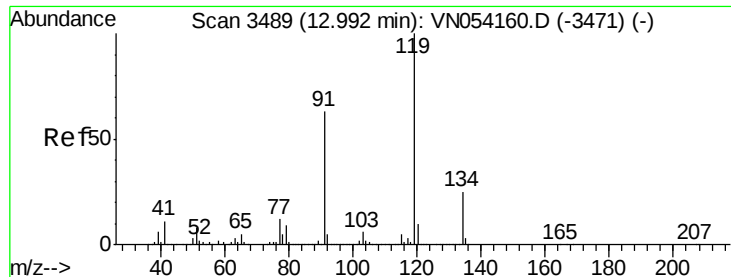
200000

100000

0

Time-->

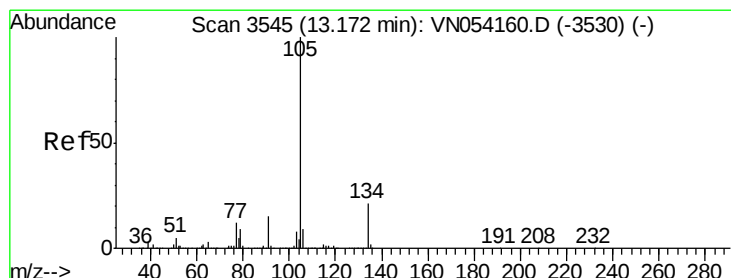
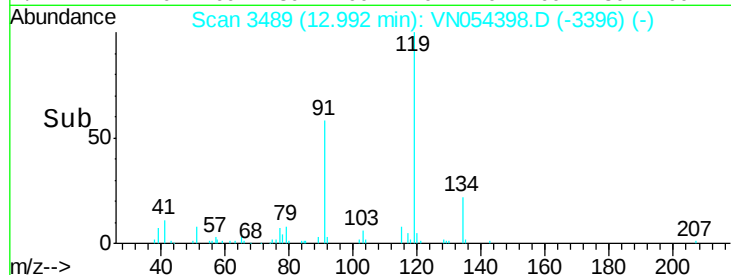
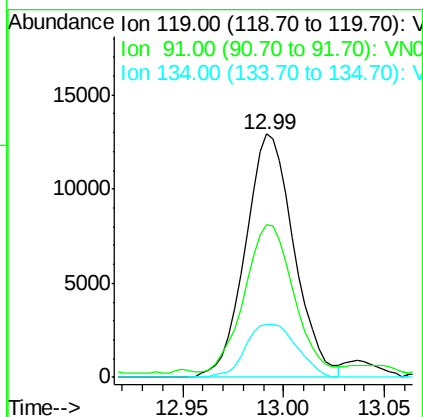
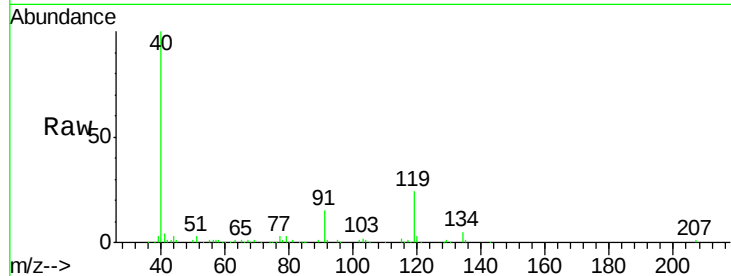




#83
tert-Butylbenzene
Concen: 0.410 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN054398.D
Acq: 18 Mar 2019 17:11

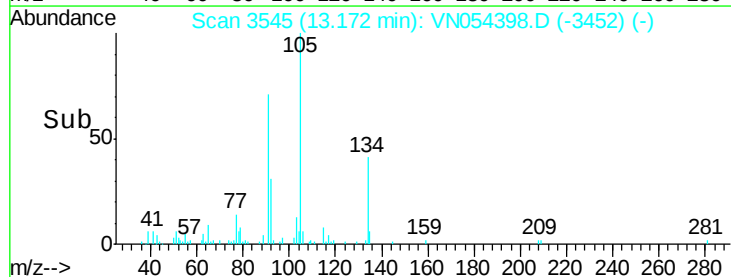
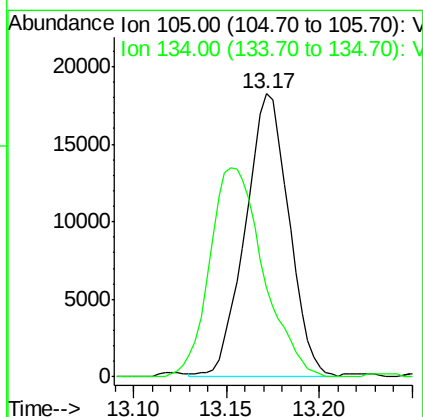
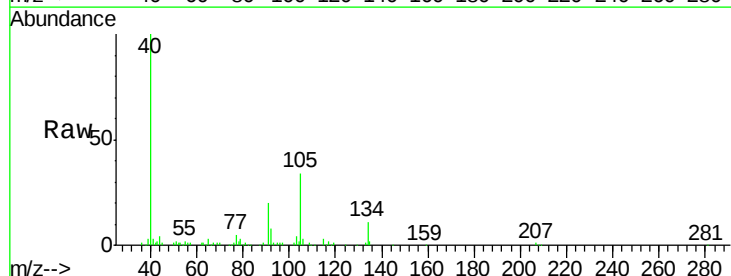
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-031419

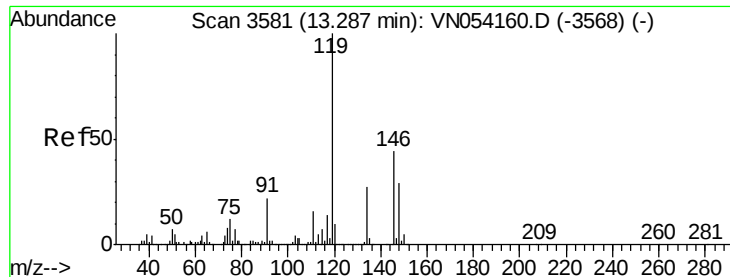
Tot Ion:119 Resp: 21785
Ion Ratio Lower Upper
119 100
91 60.7 30.9 92.8
134 23.0 13.2 39.6



#85
sec-Butylbenzene
Concen: 0.434 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN054398.D
Acq: 18 Mar 2019 17:11

Tgt Ion:105 Resp: 29888
Ion Ratio Lower Upper
105 100
134 90.3 10.7 32.1#

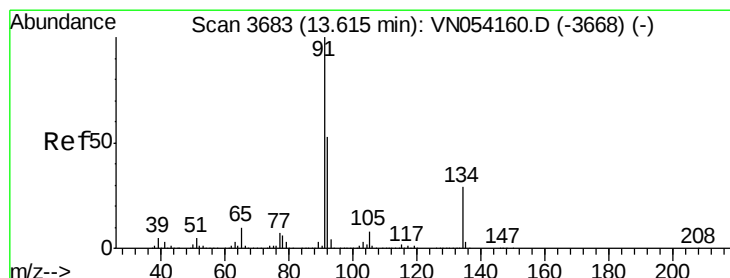
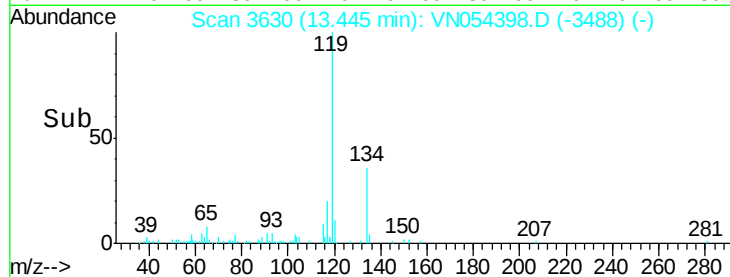
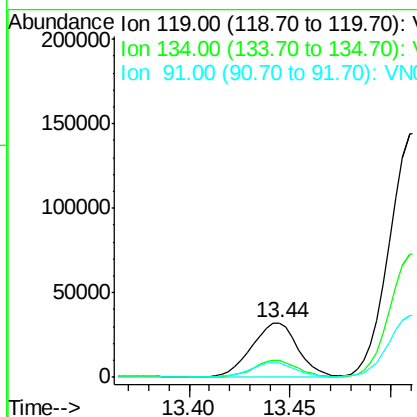
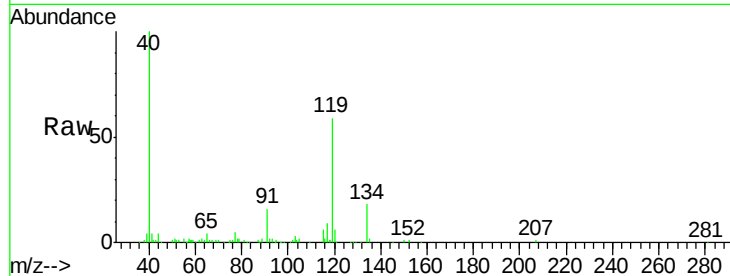




#86
 p-Isopropyltoluene
 Concen: 0.864 ug/l
 RT: 13.44 min Scan# 3630
 Delta R.T. 0.16 min
 Lab File: VN054398.D
 Acq: 18 Mar 2019 17:11

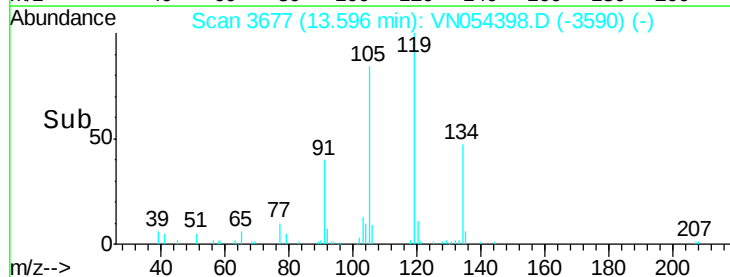
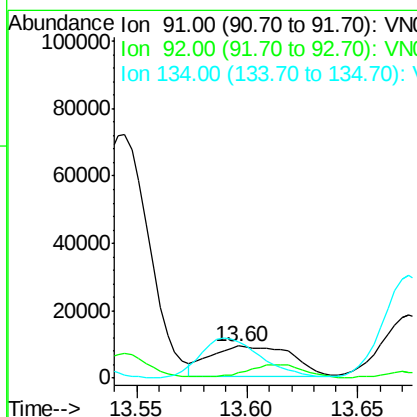
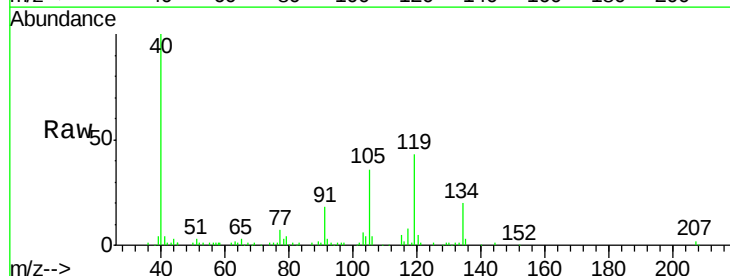
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-031419

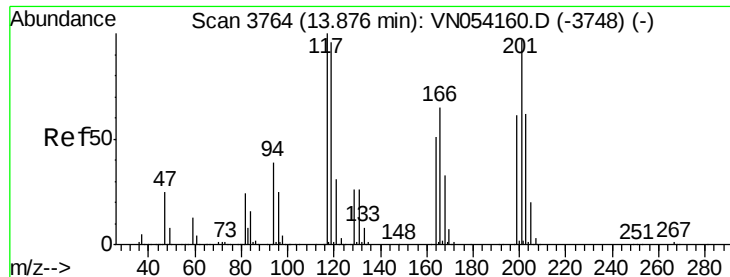
Tot Ion:119	Resp:	52259
Ion Ratio	Lower	Upper
119	100	
134	30.0	13.6 40.8
91	24.8	11.1 33.3



#89
 n-Butylbenzene
 Concen: 0.516 ug/l
 RT: 13.60 min Scan# 3677
 Delta R.T. -0.02 min
 Lab File: VN054398.D
 Acq: 18 Mar 2019 17:11

Tgt Ion: 91	Resp:	23725
Ion Ratio	Lower	Upper
91	100	
92	0.0	26.2 78.6#
134	98.1	14.3 42.9#





#90

Hexachloroethane

Concen: 7.530 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

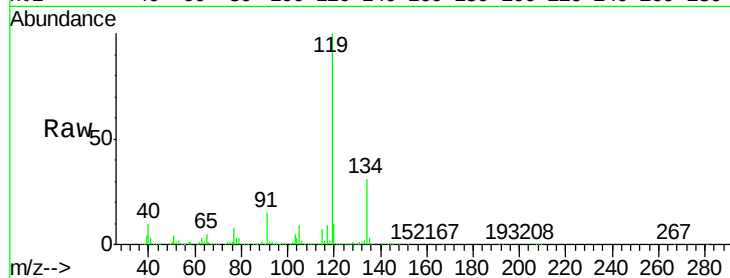
T11-MW-1-8.0-031419

Tot Ion:117 Resp: 75394

Ion Ratio Lower Upper

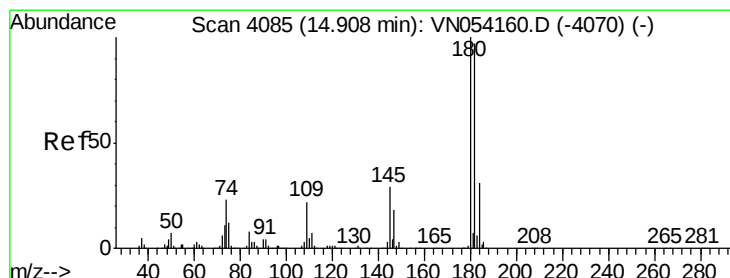
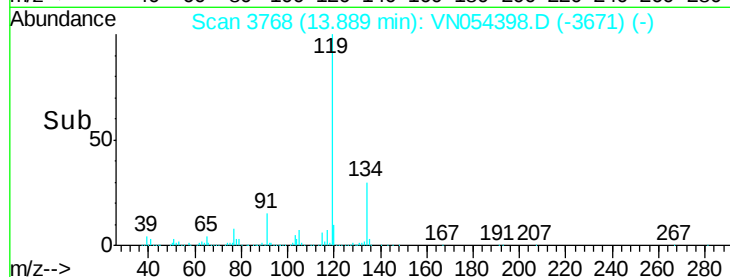
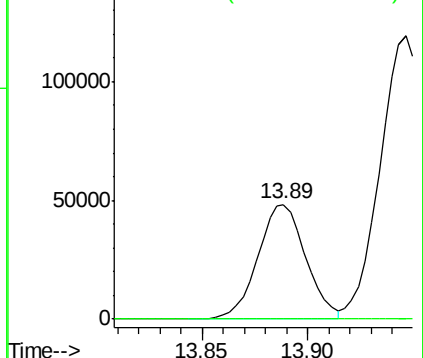
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.525 ug/l

RT: 14.90 min Scan# 4082

Delta R.T. -0.01 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

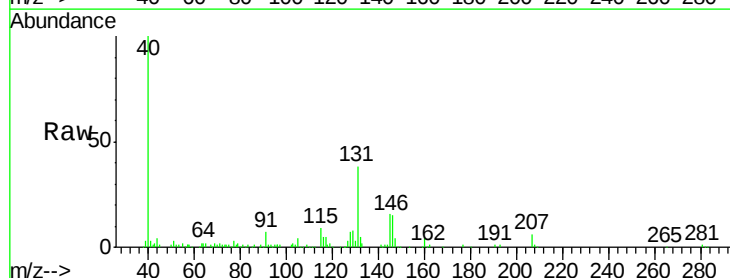
Tgt Ion:180 Resp: 168

Ion Ratio Lower Upper

180 100

182 85.7 48.0 144.2

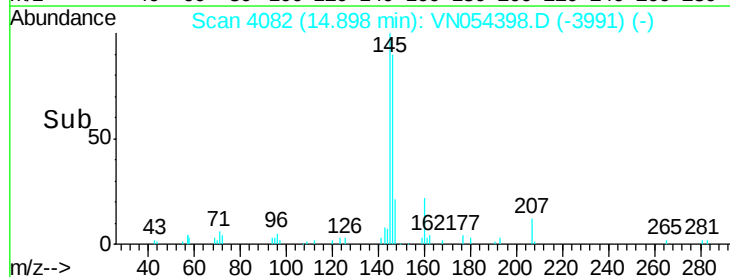
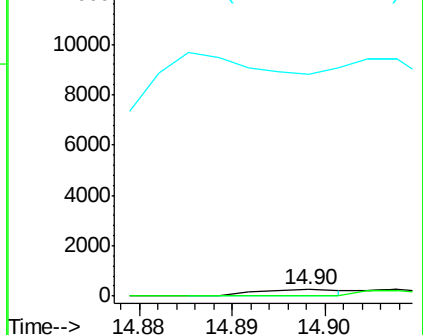
145 0.0 14.2 42.8#

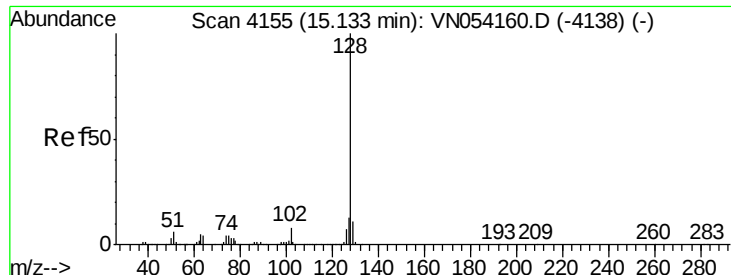


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.571 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054398.D

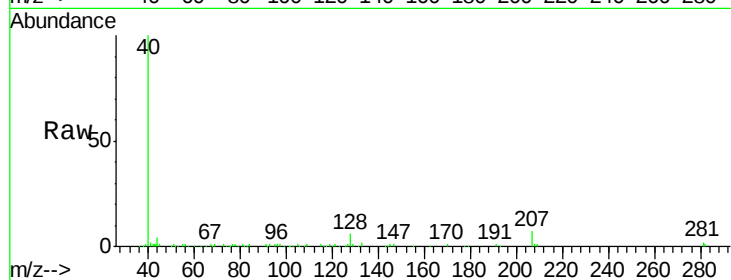
Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-031419



Tot Ion:128 Resp: 4128

Ion Ratio Lower Upper

128 100

127 39.9 10.1 15.1#

129 0.0 8.7 13.1#

