

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031519\
 Data File : VN054310.D
 Acq On : 15 Mar 2019 15:30
 Operator : JC/SP
 Sample : K1899-04RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5A

Quant Time: Mar 16 03:20:00 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	7.67	168	1291565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2162629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2230045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	901526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	683183	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	7.59	113	669578	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.09	98	2674336	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.40	95	985568	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	

Target Compounds

					Qvalue
3) Chloromethane	2.06	50	2499	0.210 ug/l #	84
10) Methyl Iodide	3.93	142	377	1.516 ug/l #	52
11) Tert butyl alcohol	4.83	59	2018	2.146 ug/l	99
13) Acrolein	3.60	56	538	0.604 ug/l	90
16) Acetone	3.82	43	27985	7.126 ug/l	95
18) Methyl Acetate	4.33	43	1614	0.203 ug/l #	50
25) 2-Butanone	6.85	43	2508	0.544 ug/l	95
28) Bromochloromethane	7.37	49	2584	0.287 ug/l #	4
30) Chloroform	7.38	83	31242	1.357 ug/l	94
31) Cyclohexane	7.67	56	18492	Below Cal #	1
36) 1,1-Dichloropropene	7.66	75	72083	3.619 ug/l #	50
38) Carbon Tetrachloride	7.66	117	107512	5.148 ug/l #	16
40) Benzene	8.04	78	24089	0.423 ug/l	98
43) Isopropyl Acetate	8.30	43	15174	0.755 ug/l #	60
49) 1,4-Dioxane	9.04	88	31	0.215 ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2566	0.241 ug/l #	36
52) Toluene	10.16	92	20591	0.570 ug/l	89
53) t-1,3-Dichloropropene	10.15	75	271	1.998 ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.53	63	91	16.840 ug/l #	44
67) Ethyl Benzene	11.51	91	54124	0.667 ug/l	99
68) m/p-Xylenes	11.62	106	15419	0.486 ug/l	98
69) o-Xylene	11.95	106	13048	0.422 ug/l	97
71) Bromoform	12.40	173	6257	2.790 ug/l #	1
73) Isopropylbenzene	12.25	105	14983	0.208 ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	465907	35.143 ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	19319	0.322 ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	465907	120.135 ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	26444	0.449 ug/l	100
86) p-Isopropyltoluene	13.29	119	14196	0.226 ug/l	93
89) n-Butylbenzene	13.54	91	83582	1.751 ug/l #	42
90) Hexachloroethane	13.95	117	5545	0.533 ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.27	75	583	0.245 ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	638	2.548 ug/l	77
95) Naphthalene	15.13	128	258566	9.555 ug/l	99

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

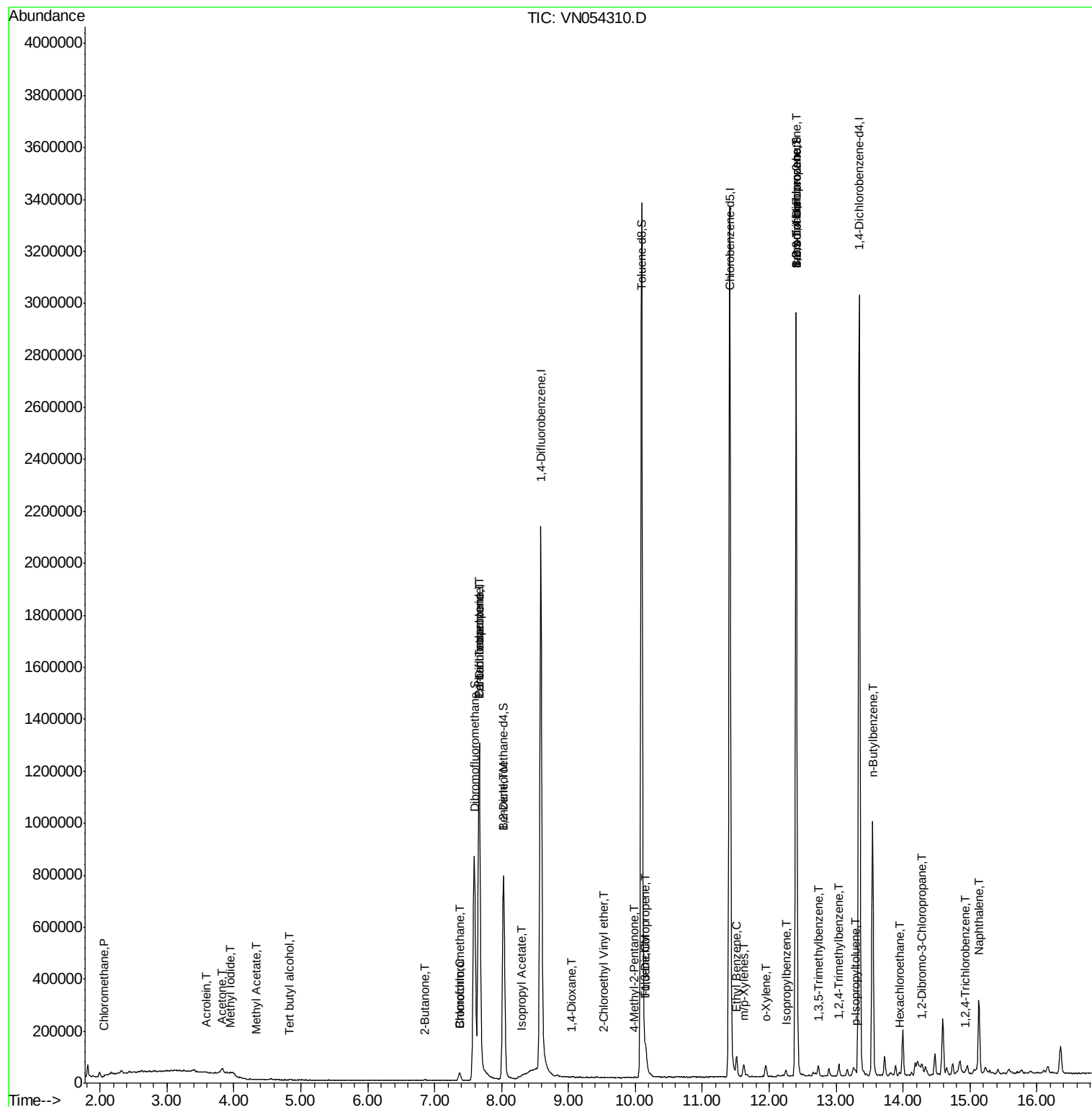
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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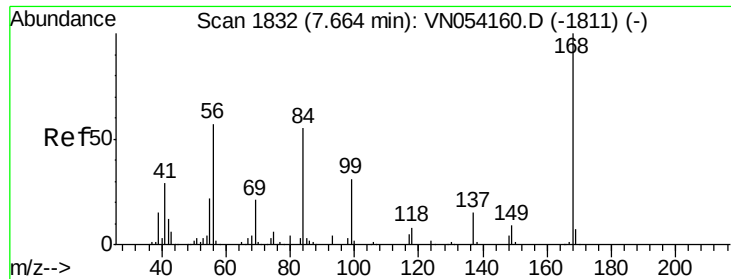
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031519\
Data File : VN054310.D
Acq On : 15 Mar 2019 15:30
Operator : JC/SP
Sample : K1899-04RE
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Mar 16 03:20:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

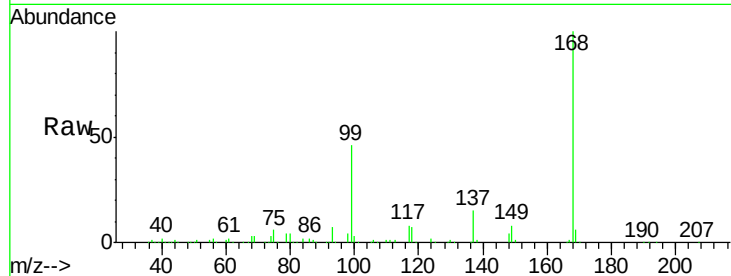
MW-5A

Tot Ion:168 Resp: 1291565

Ion Ratio Lower Upper

168 100

99 46.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

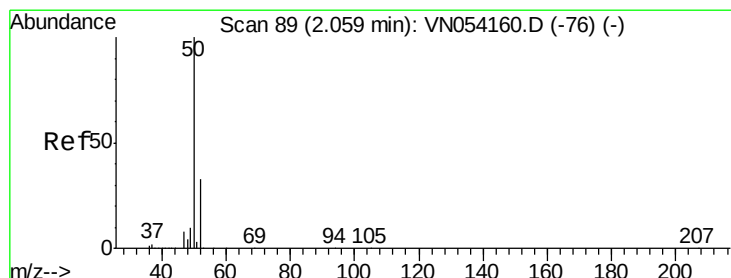
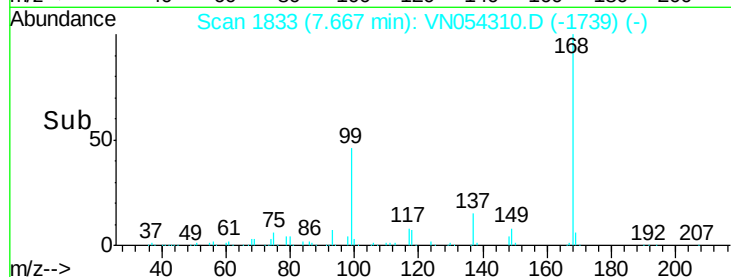
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.210 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN054310.D

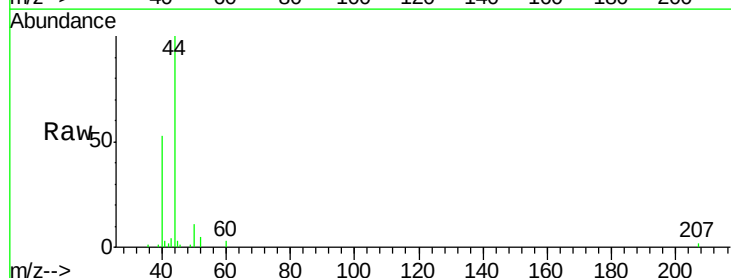
Acq: 15 Mar 2019 15:30

Tgt Ion: 50 Resp: 2499

Ion Ratio Lower Upper

50 100

52 42.3 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

2000

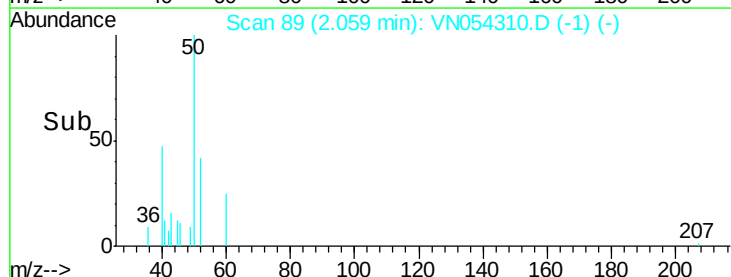
1500

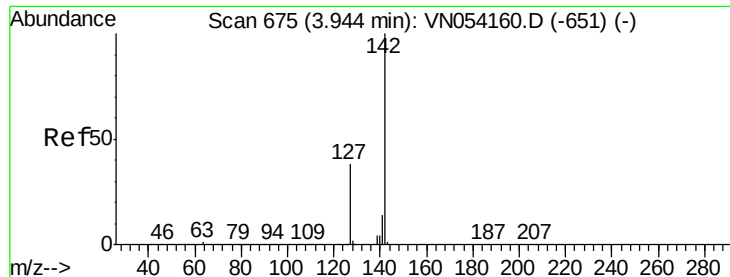
1000

500

0

Time-->





#10

Methvl Iodide

Concen: 1.516 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

MW-5A

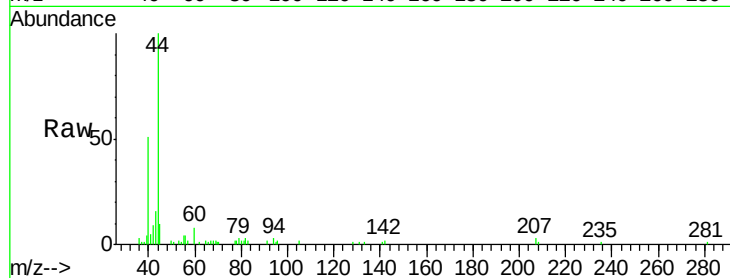
Tot Ion:142 Resp: 377

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

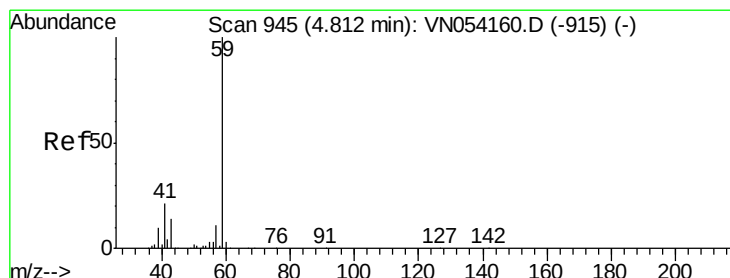
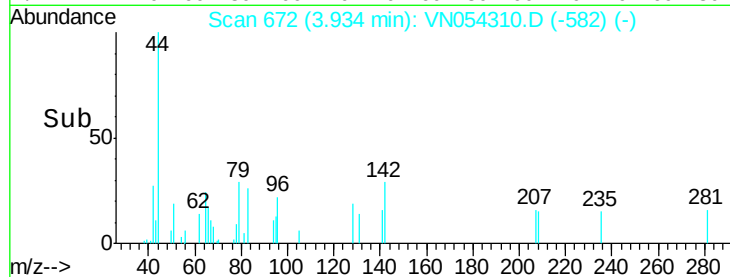
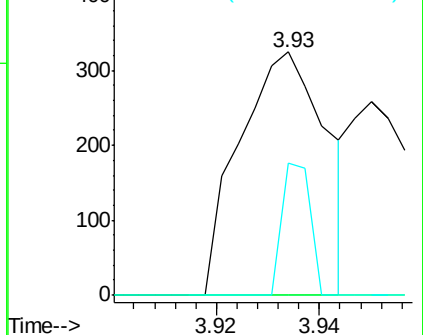
141 17.8 11.2 16.8#



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



#11

Tert butyl alcohol

Concen: 2.146 ug/l

RT: 4.83 min Scan# 952

Delta R.T. 0.02 min

Lab File: VN054310.D

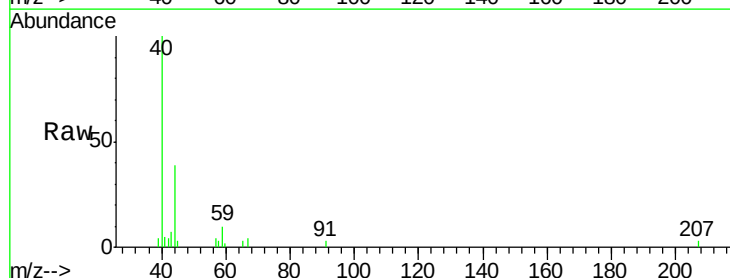
Acq: 15 Mar 2019 15:30

Tgt Ion: 59 Resp: 2018

Ion Ratio Lower Upper

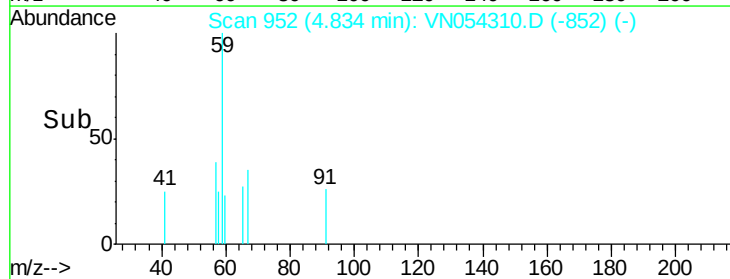
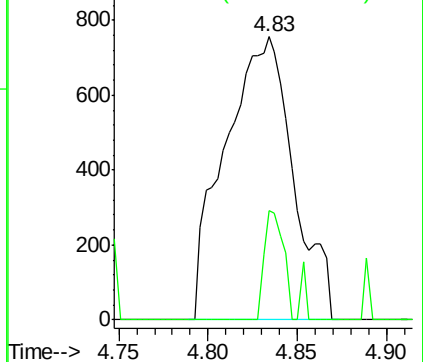
59 100

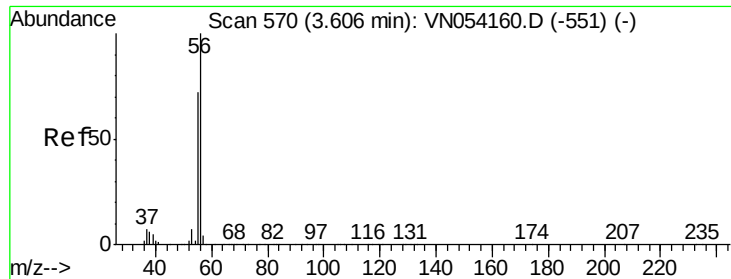
57 11.1 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V

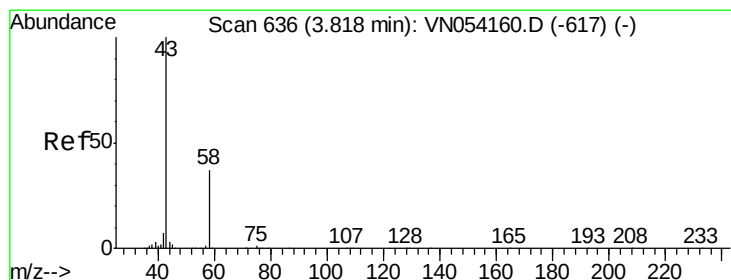
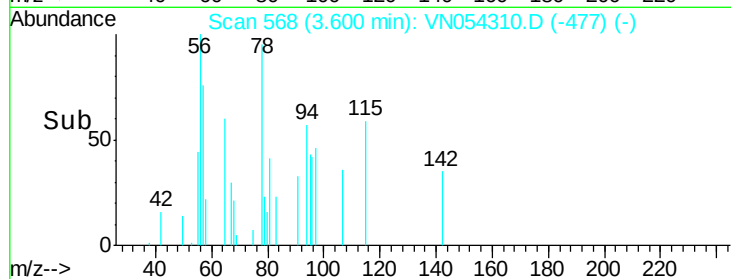
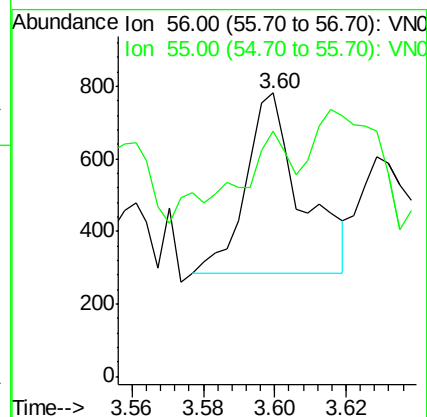
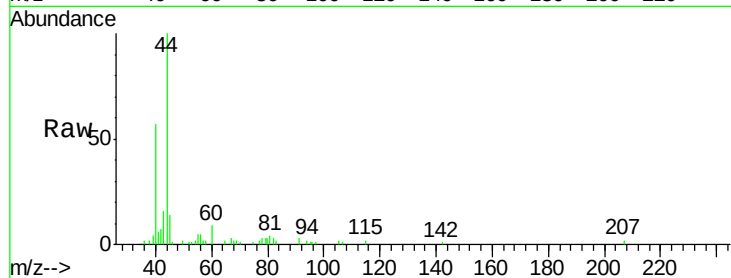




#13
Acrolein
Concen: 0.604 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

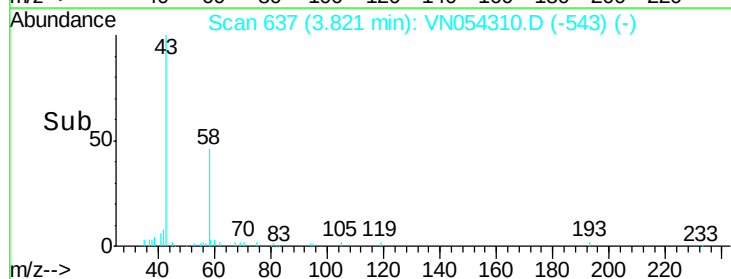
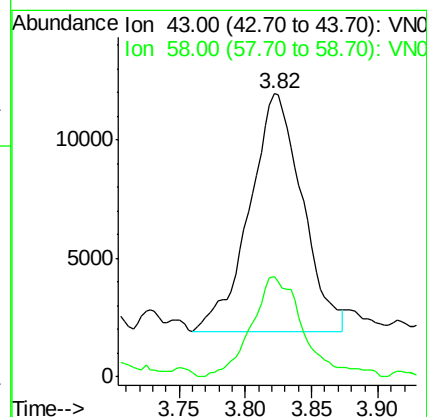
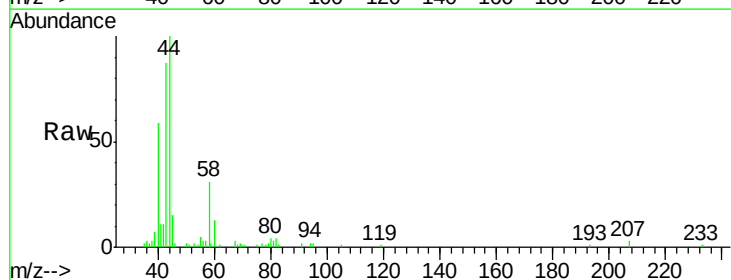
Instrument :
MSVOA_N
ClientSampleId :
MW-5A

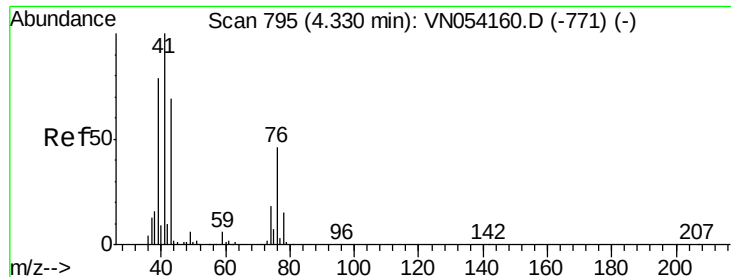
Tot Ion: 56 Resp: 538
Ion Ratio Lower Upper
56 100
55 62.8 56.7 85.1



#16
Acetone
Concen: 7.126 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

Tgt Ion: 43 Resp: 27985
Ion Ratio Lower Upper
43 100
58 40.3 29.9 44.9

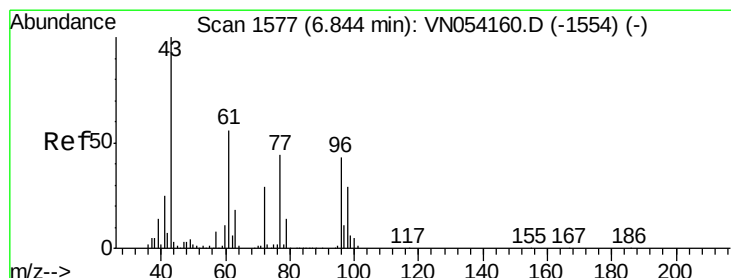
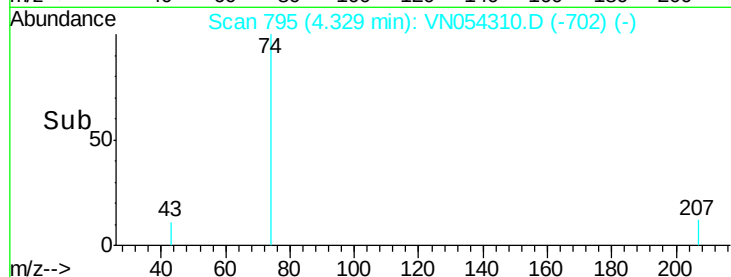
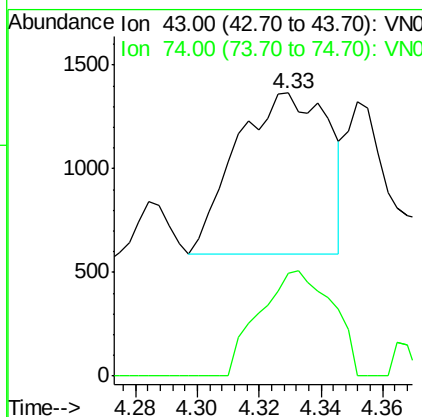
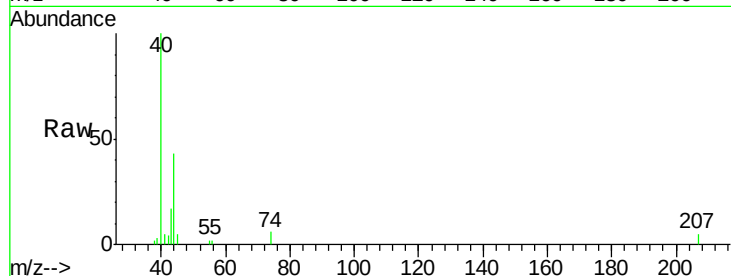




#18
Methvl Acetate
Concen: 0.203 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

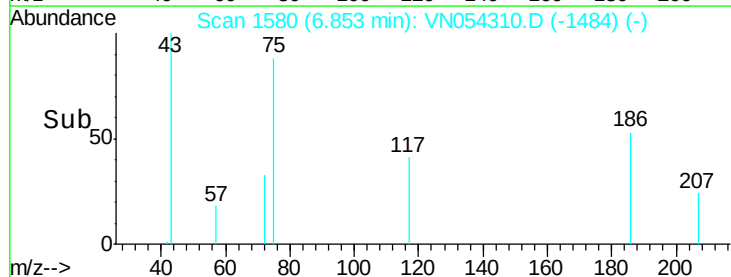
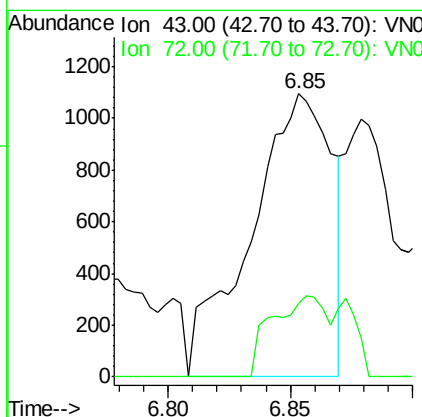
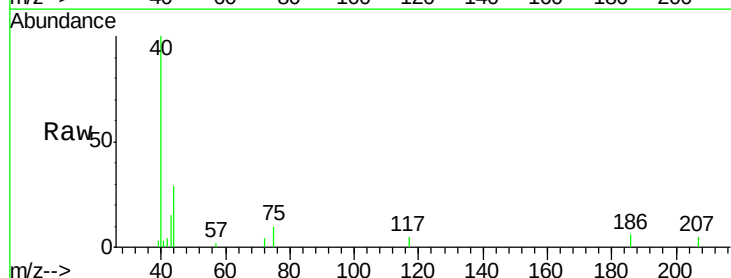
Instrument :
MSVOA_N
ClientSampled :
MW-5A

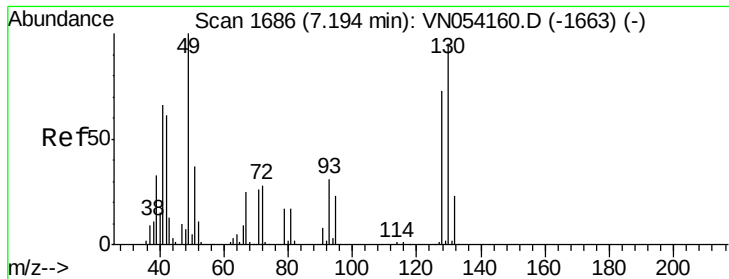
Tot Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
74 51.5 20.8 31.2#



#25
2-Butanone
Concen: 0.544 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

Tgt Ion: 43 Resp: 2508
Ion Ratio Lower Upper
43 100
72 25.9 23.0 34.6





#28

Bromochloromethane

Concen: 0.287 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.18 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

MW-5A

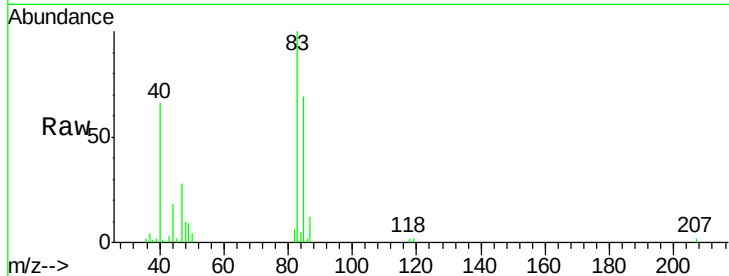
Tot Ion: 49 Resp: 2584

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

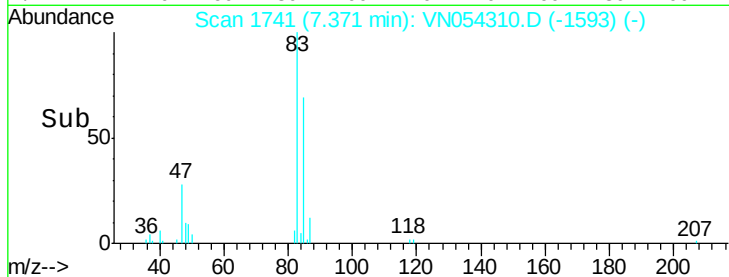
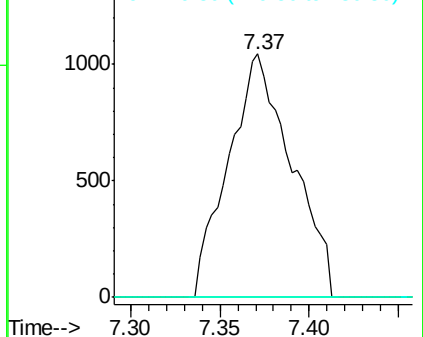
130 0.0 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 1.357 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN054310.D

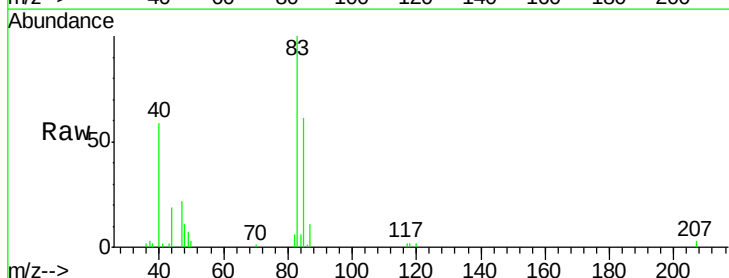
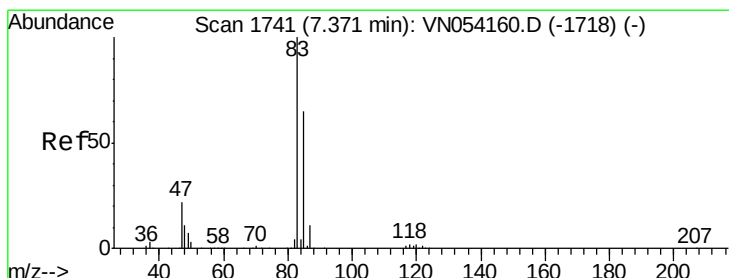
Acq: 15 Mar 2019 15:30

Tgt Ion: 83 Resp: 31242

Ion Ratio Lower Upper

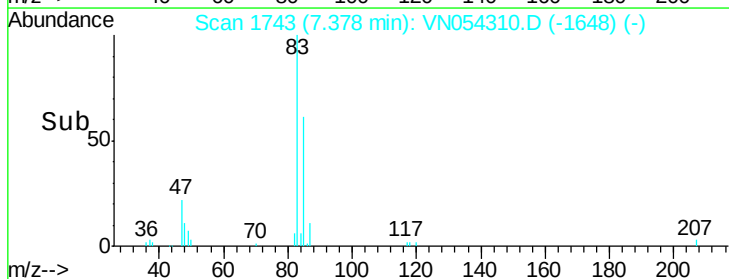
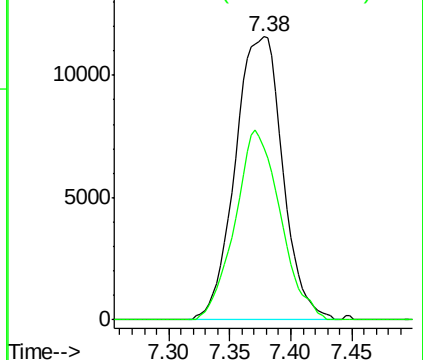
83 100

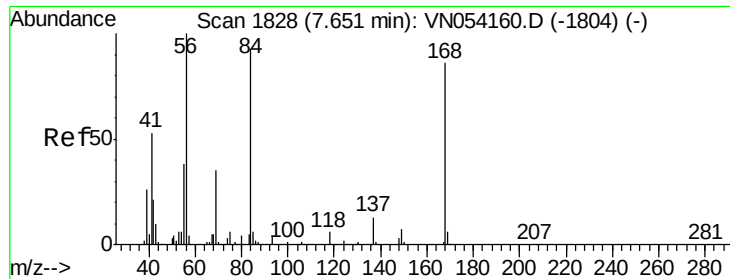
85 60.8 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

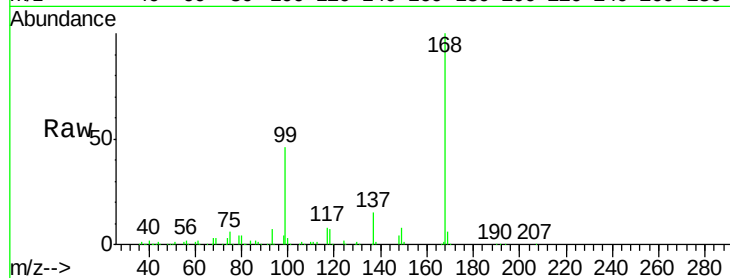




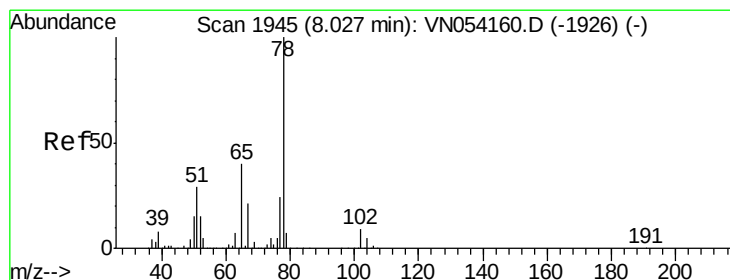
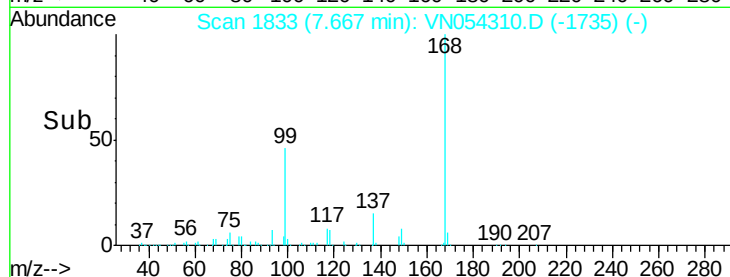
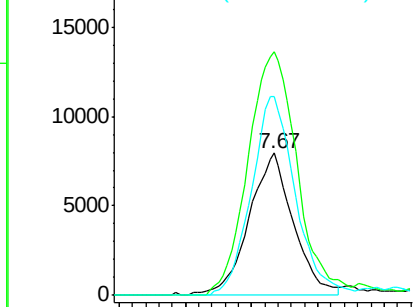
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

Instrument :
MSVOA_N
ClientSampled :
MW-5A

Tot Ion: 56 Resp: 18492
Ion Ratio Lower Upper
56 100
69 171.4 27.8 41.6#
84 140.3 74.6 111.8#

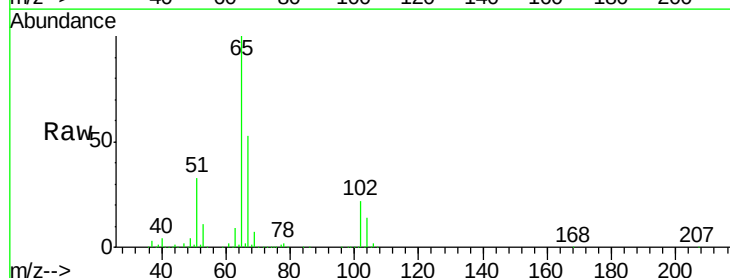


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

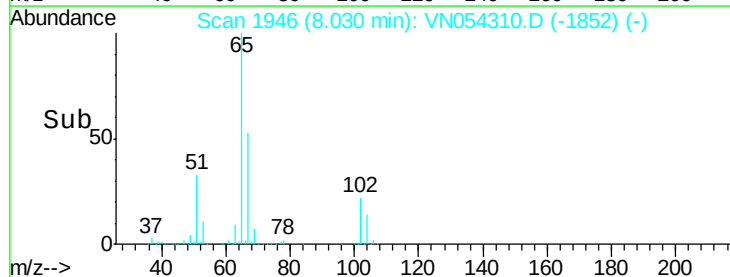
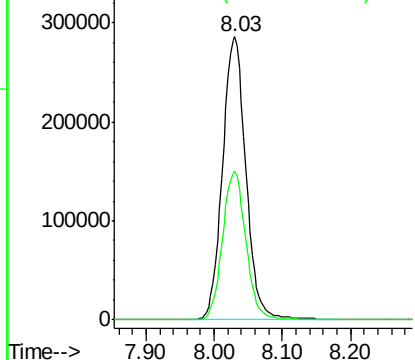


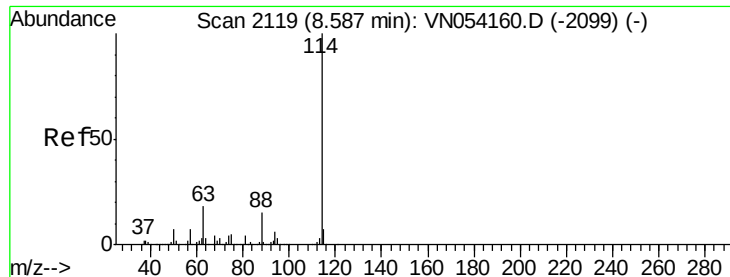
#33
1,2-Dichloroethane-d4
Concen: 49.808 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

Tgt Ion: 65 Resp: 683183
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

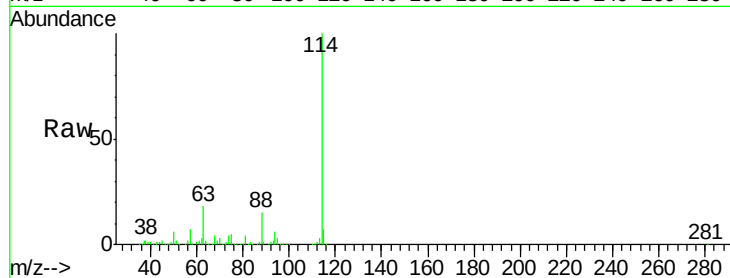




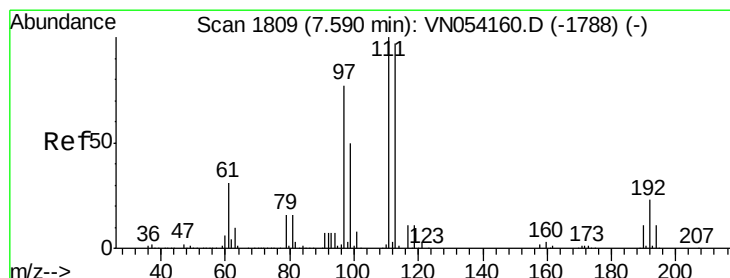
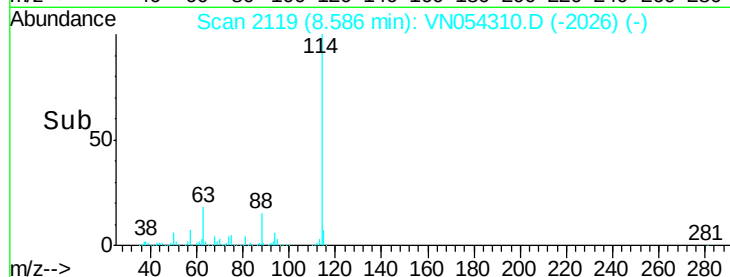
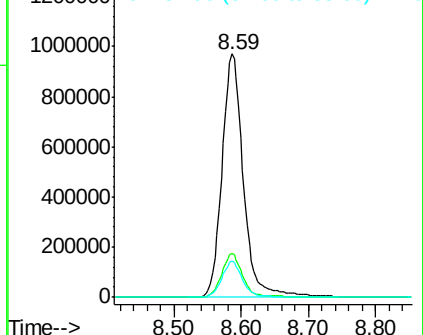
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5A

Tot Ion:114 Resp: 2162629
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 14.8 0.0 30.2

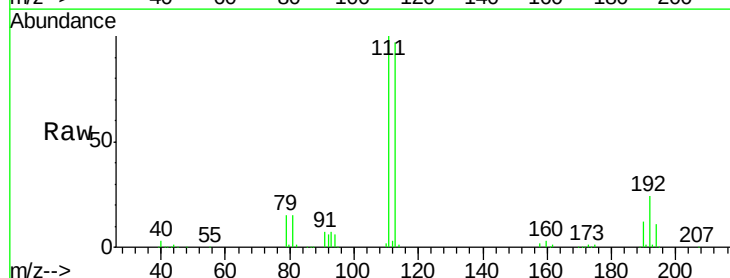


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

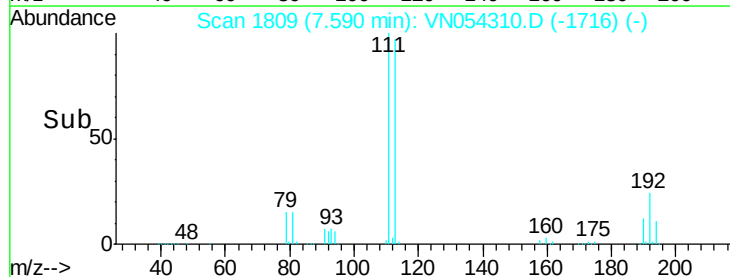
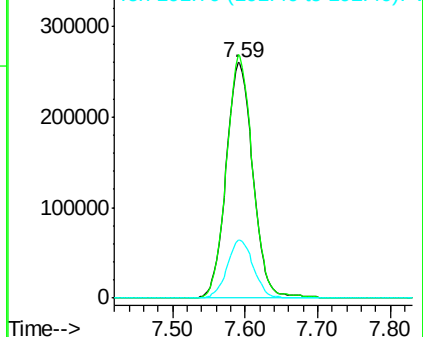


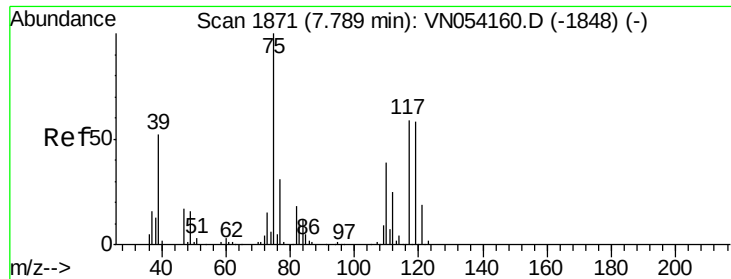
#35
 Dibromofluoromethane
 Concen: 48.005 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

Tgt Ion:113 Resp: 669578
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.2 123.4
 192 24.2 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

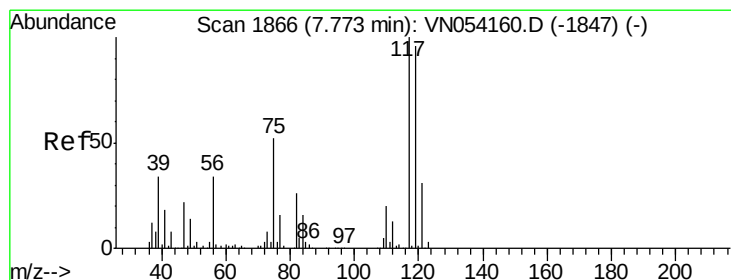
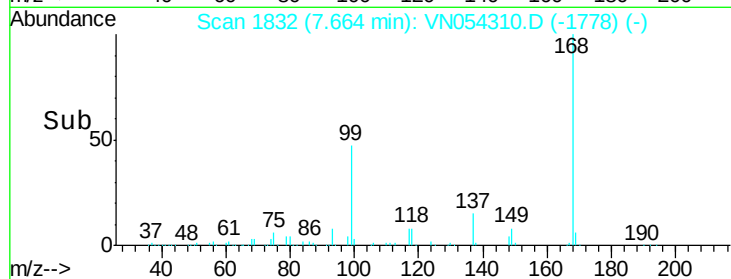
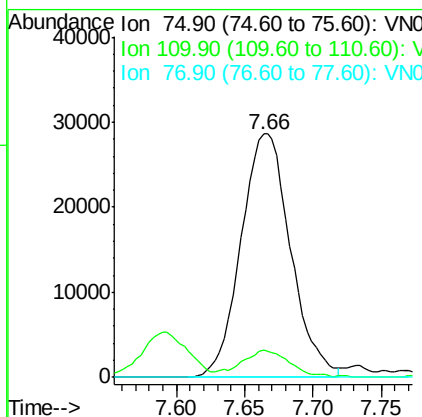
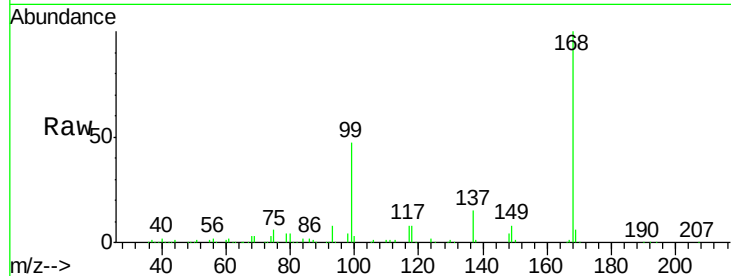




#36
 1,1-Dichloropropene
 Concen: 3.619 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

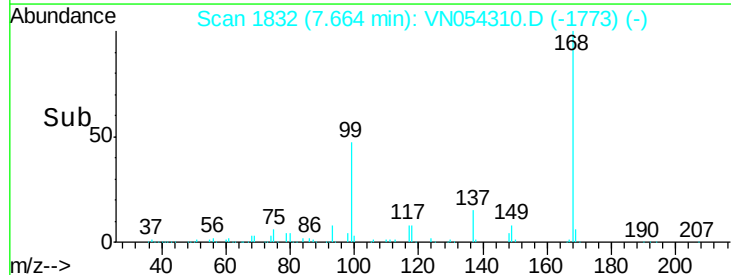
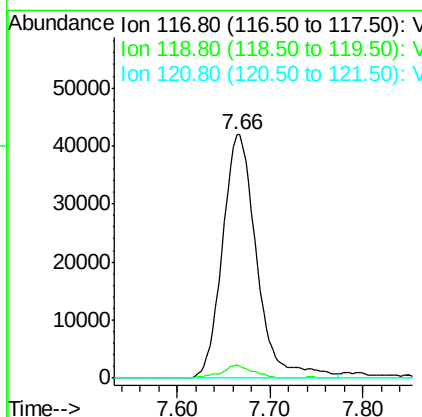
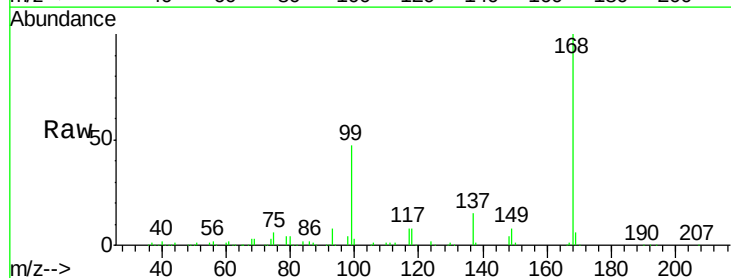
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5A

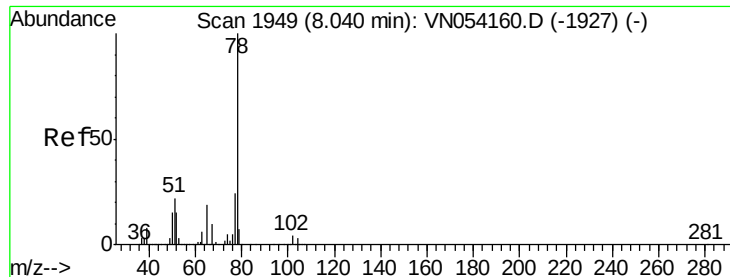
Tot Ion: 75 Resp: 72083
 Ion Ratio Lower Upper
 75 100
 110 10.9 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.148 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

Tgt Ion: 117 Resp: 107512
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.3 114.5#
 121 0.0 24.6 36.8#





#40

Benzene

Concen: 0.423 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

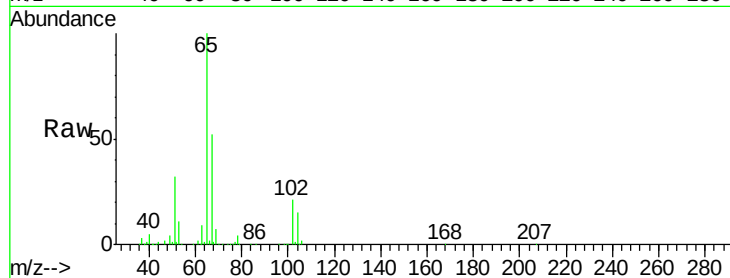
MW-5A

Tot Ion: 78 Resp: 24089

Ion Ratio Lower Upper

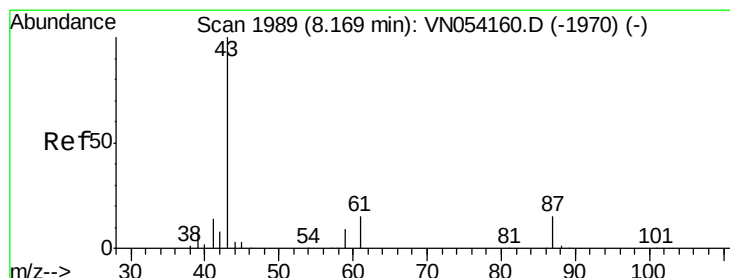
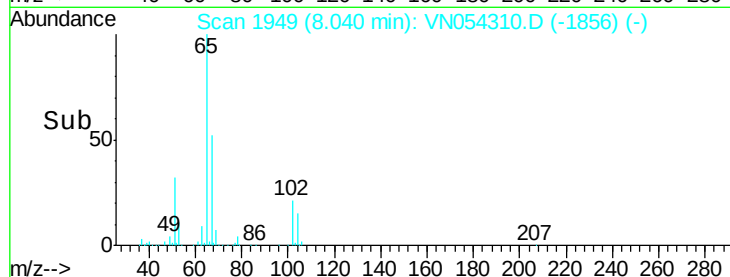
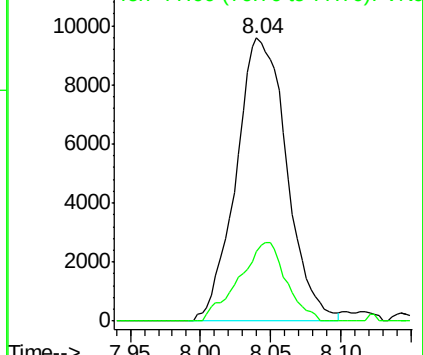
78 100

77 24.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 0.755 ug/l

RT: 8.30 min Scan# 2029

Delta R.T. 0.13 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

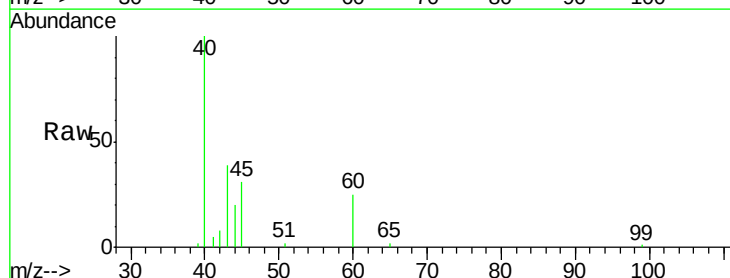
Tgt Ion: 43 Resp: 15174

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

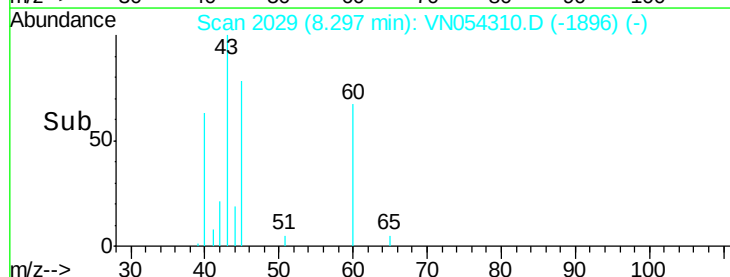
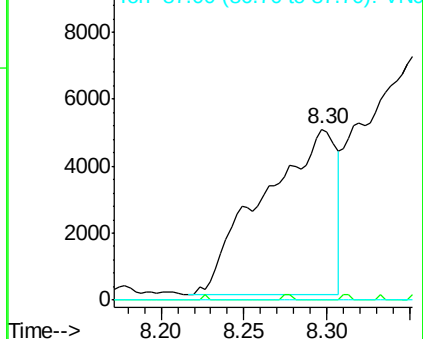
87 0.0 12.0 18.0#

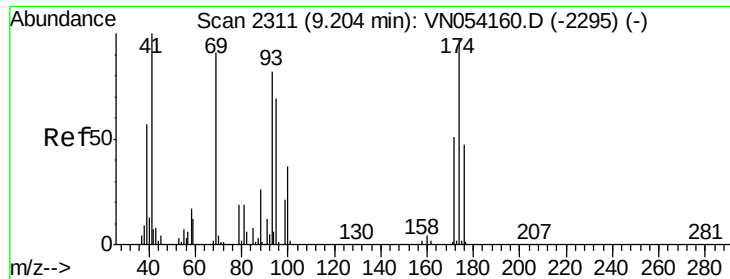


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

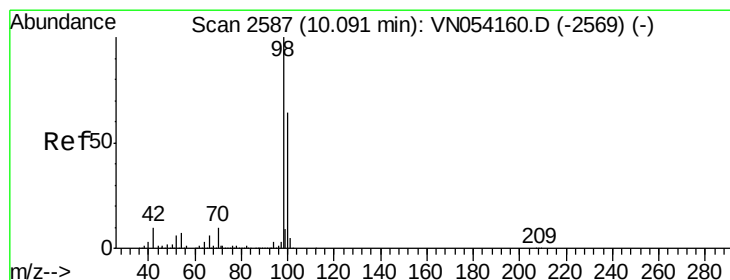
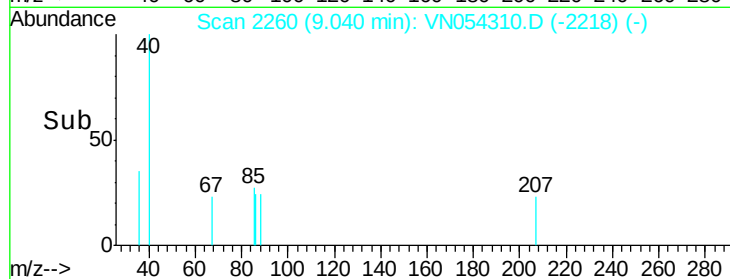
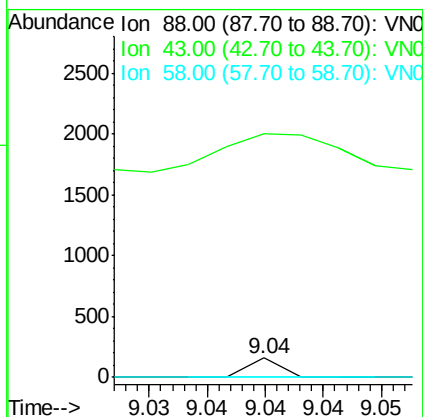
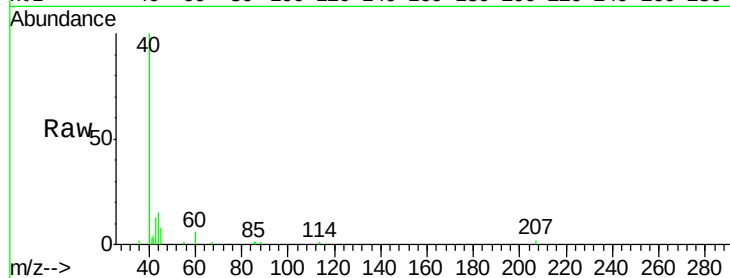




#49
1,4-Dioxane
Concen: 0.215 ug/l
RT: 9.04 min Scan# 2260
Delta R.T. -0.16 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

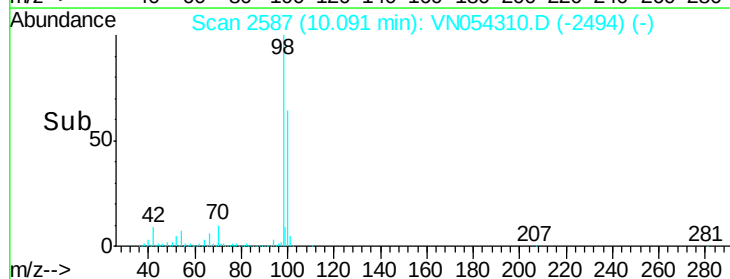
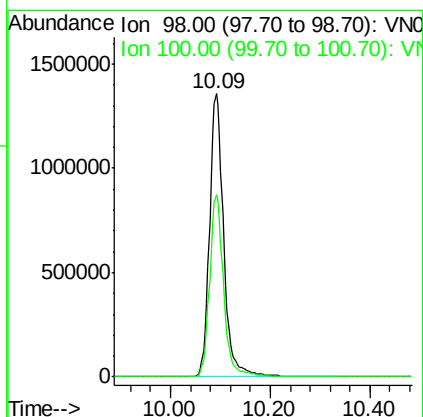
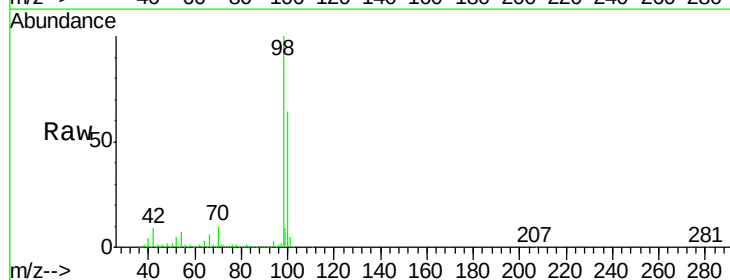
Instrument :
MSVOA_N
ClientSampled :
MW-5A

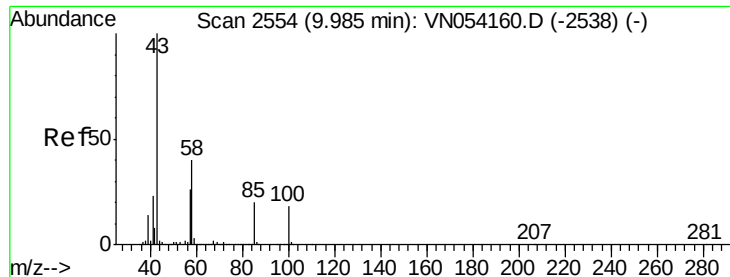
Tot Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 741.9 24.1 36.1#
58 0.0 50.8 76.2#



#50
Toluene-d8
Concen: 51.917 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

Tgt Ion: 98 Resp: 2674336
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 0.241 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

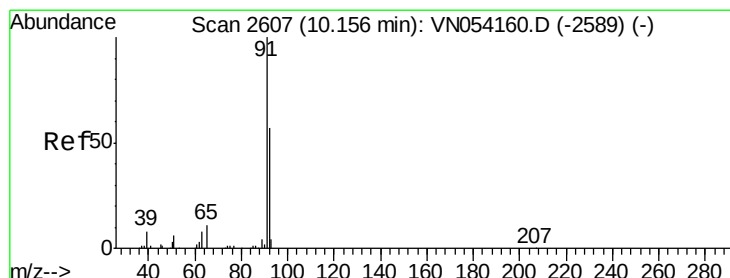
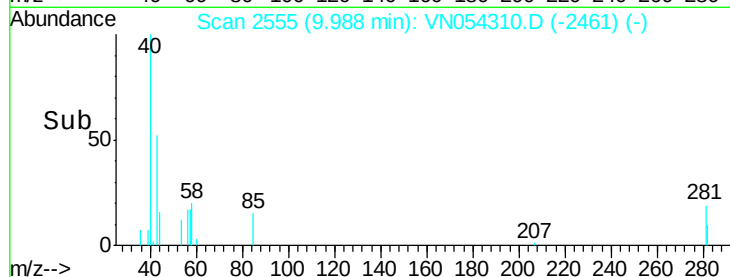
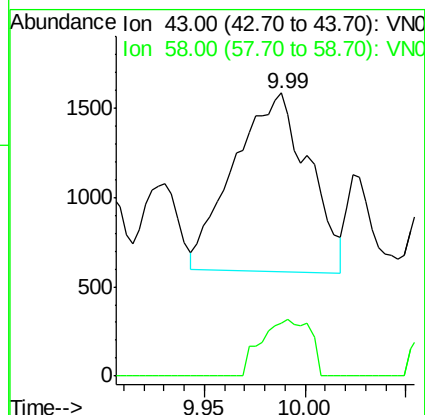
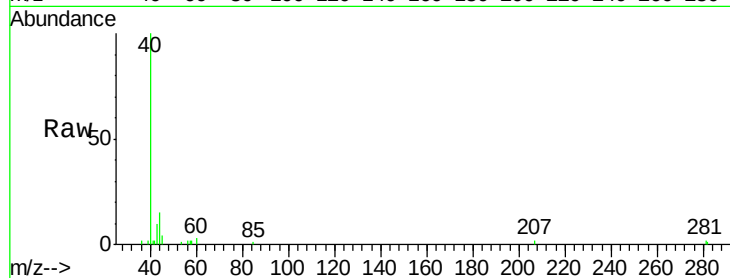
MW-5A

Tot Ion: 43 Resp: 2566

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#52

Toluene

Concen: 0.570 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054310.D

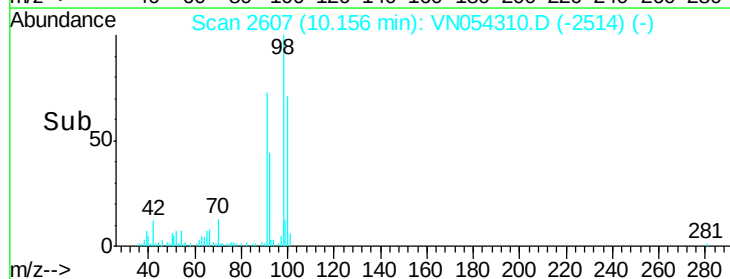
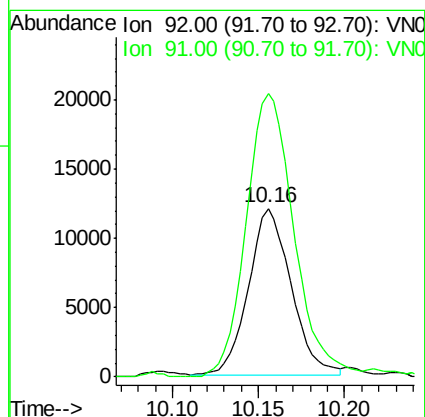
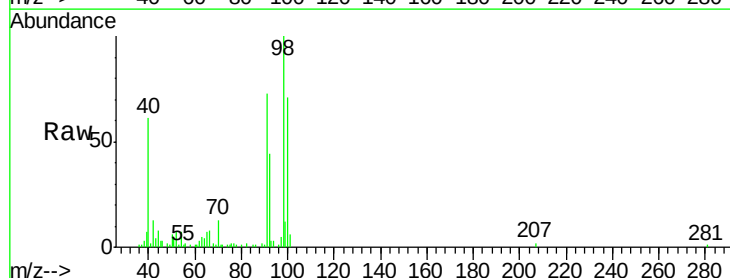
Acq: 15 Mar 2019 15:30

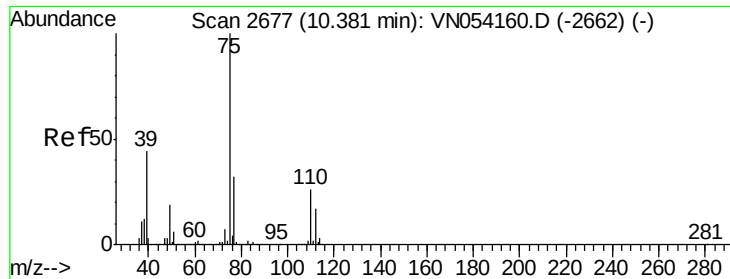
Tgt Ion: 92 Resp: 20591

Ion Ratio Lower Upper

92 100

91 191.6 140.7 211.1

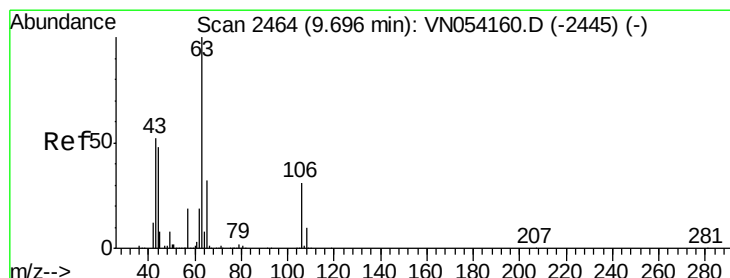
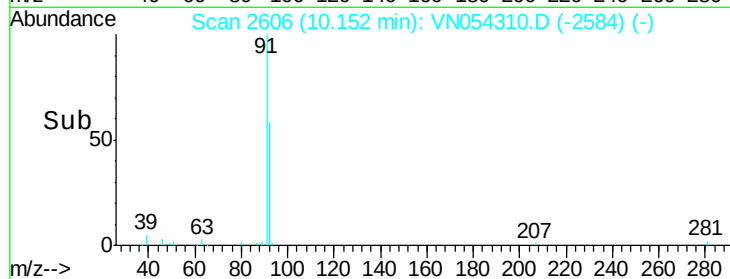
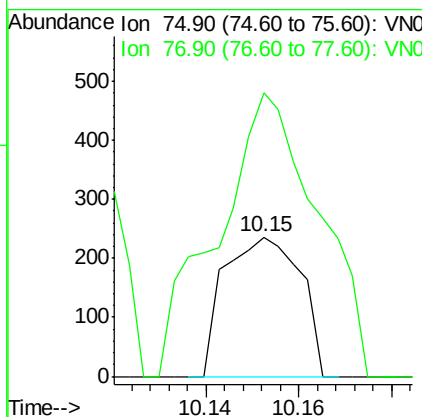
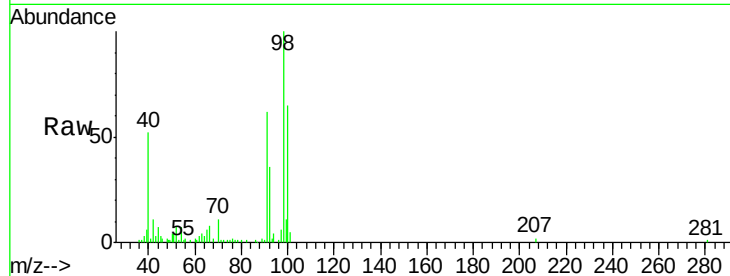




#53
t-1,3-Dichloropropene
Concen: 1.998 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.23 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

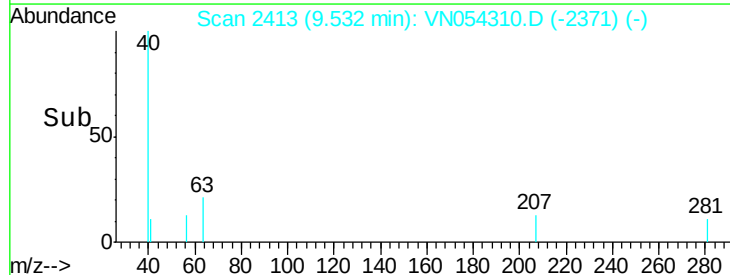
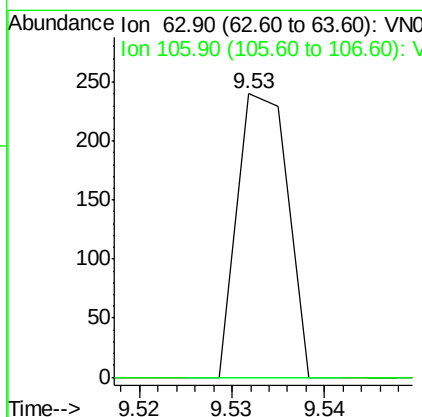
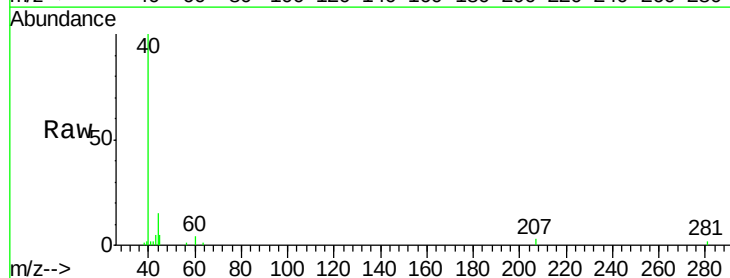
Instrument :
MSVOA_N
ClientSampled :
MW-5A

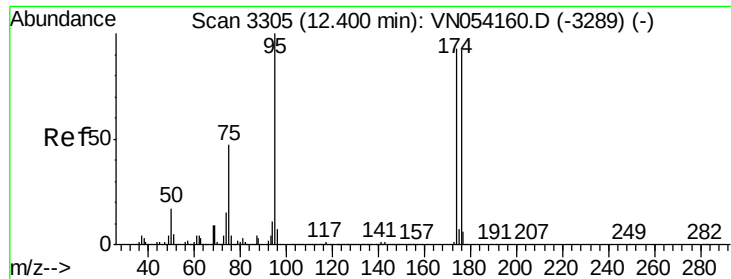
Tot Ion: 75 Resp: 271
Ion Ratio Lower Upper
75 100
77 117.4 25.8 38.8#



#58
2-Chloroethyl Vinyl ether
Concen: 16.840 ug/l
RT: 9.53 min Scan# 2413
Delta R.T. -0.16 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

Tgt Ion: 63 Resp: 91
Ion Ratio Lower Upper
63 100
106 0.0 24.4 36.6#





#62

4-Bromofluorobenzene

Concen: 54.680 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

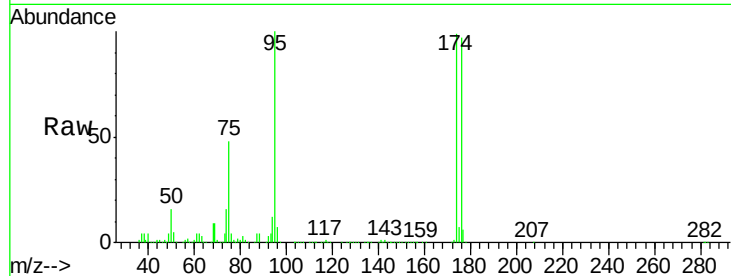
Tot Ion: 95 Resp: 985568

Ion Ratio Lower Upper

95 100

174 98.9 0.0 191.0

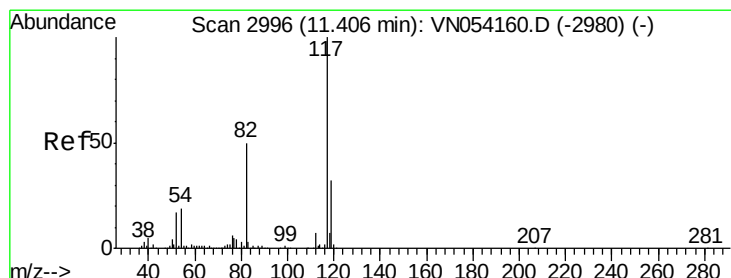
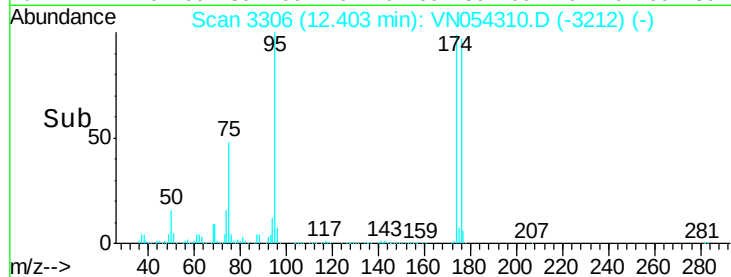
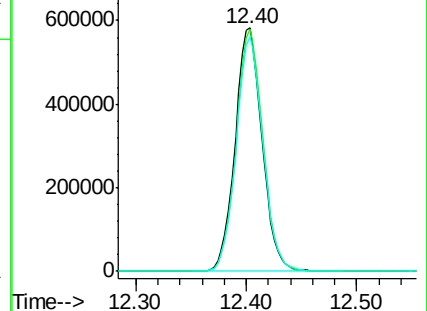
176 95.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

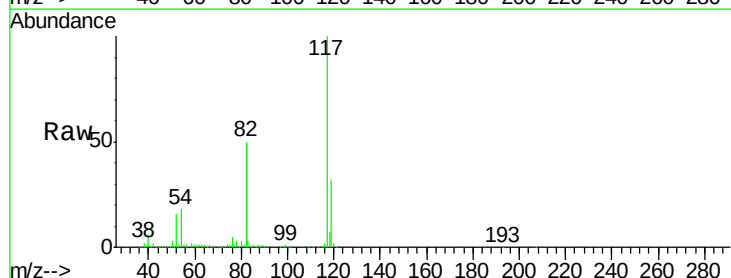
Tgt Ion: 117 Resp: 2230045

Ion Ratio Lower Upper

117 100

82 49.5 40.0 60.0

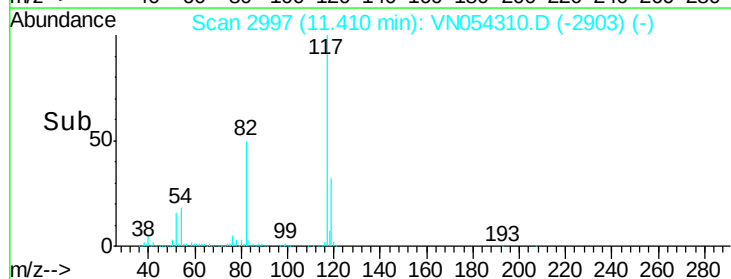
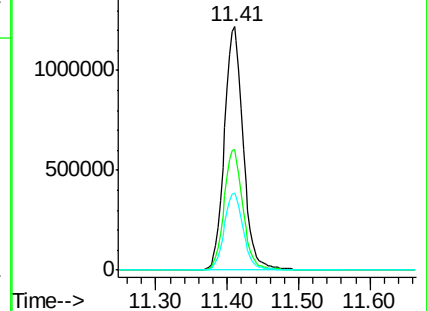
119 32.0 25.8 38.6

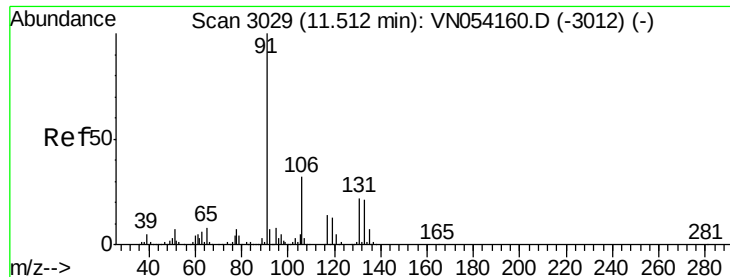


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)





#67

Ethyl Benzene

Concen: 0.667 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

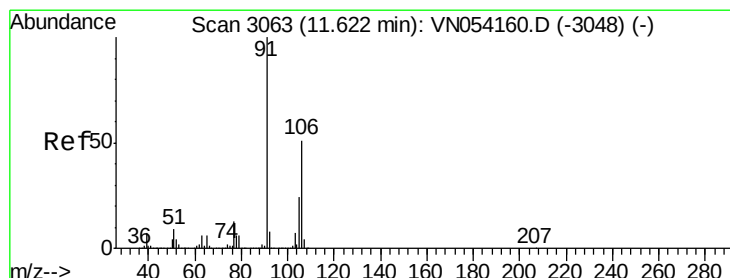
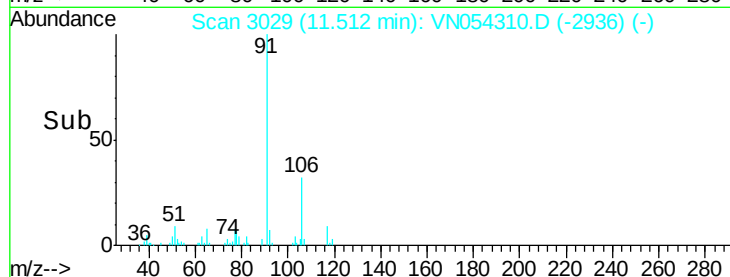
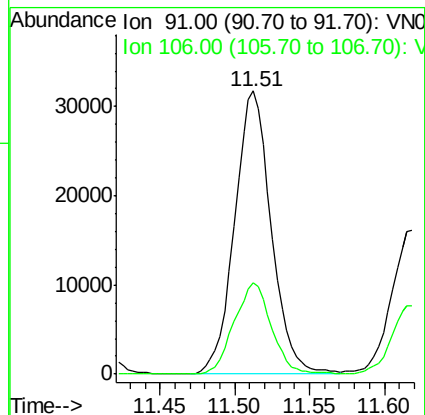
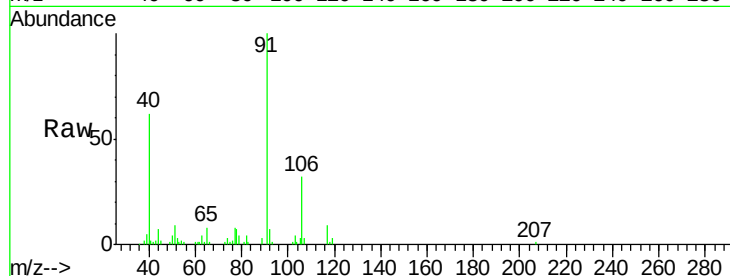
MW-5A

Tot Ion: 91 Resp: 54124

Ion Ratio Lower Upper

91 100

106 32.4 25.5 38.3



#68

m/p-Xylenes

Concen: 0.486 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054310.D

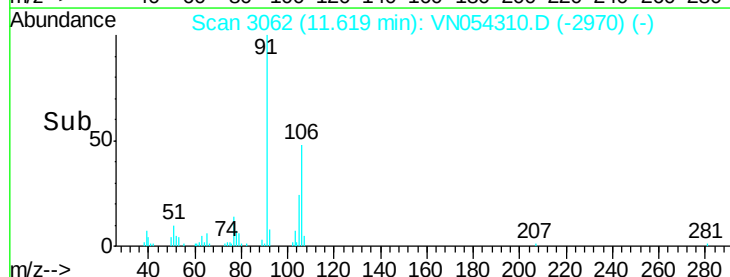
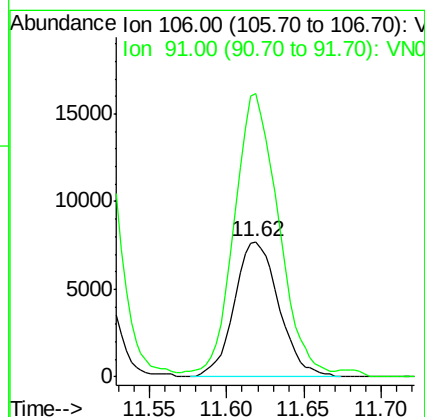
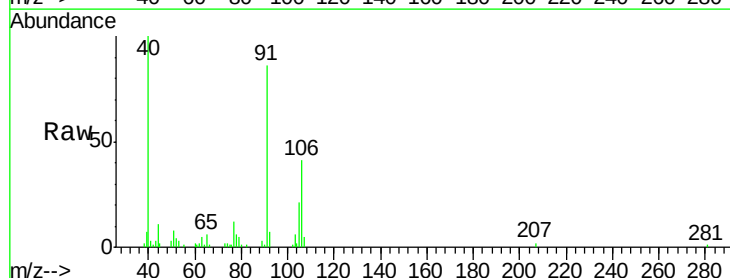
Acq: 15 Mar 2019 15:30

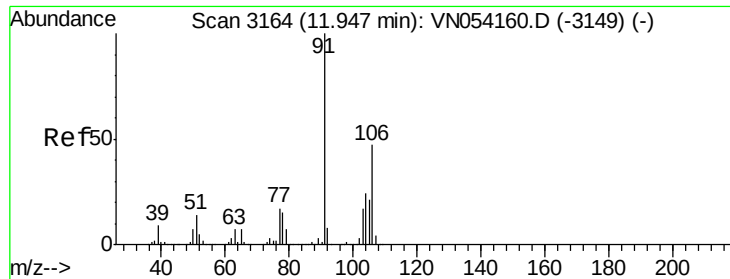
Tgt Ion: 106 Resp: 15419

Ion Ratio Lower Upper

106 100

91 201.8 159.4 239.2

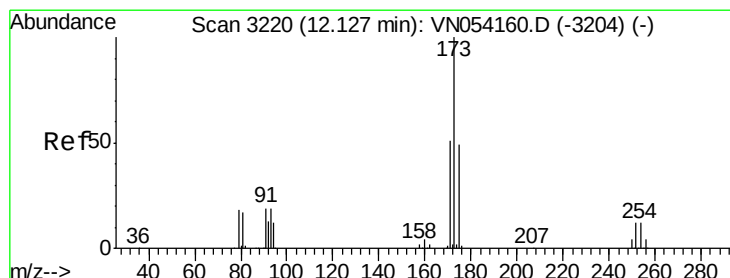
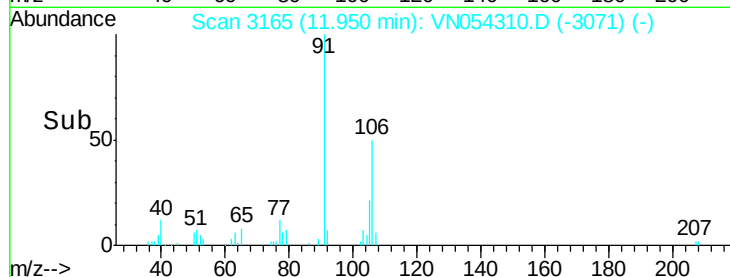
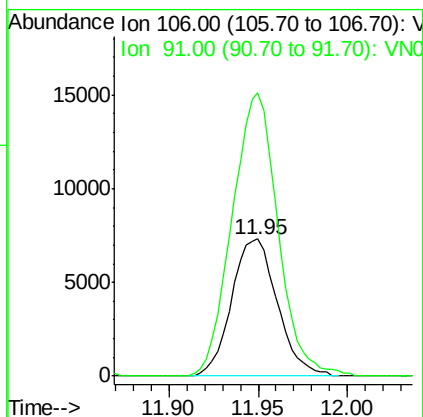
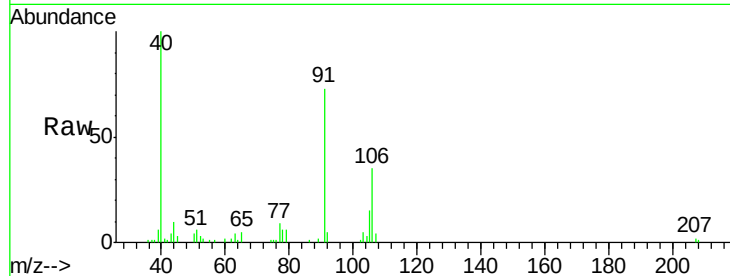




#69
o-Xylene
Concen: 0.422 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

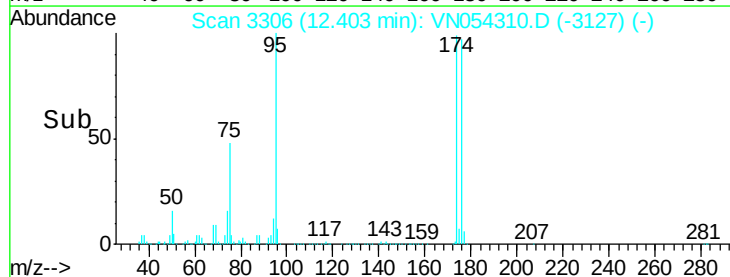
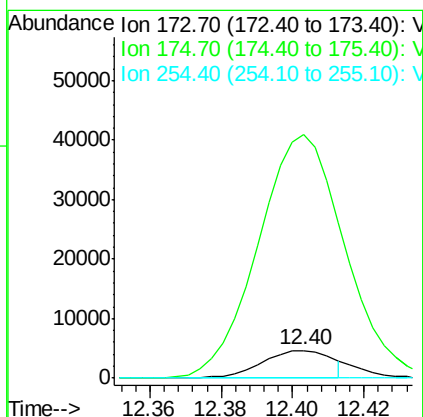
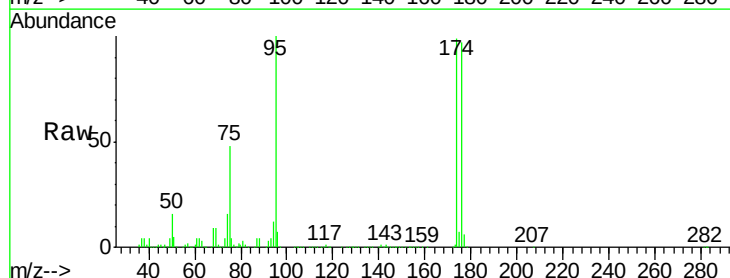
Instrument :
MSVOA_N
ClientSampled :
MW-5A

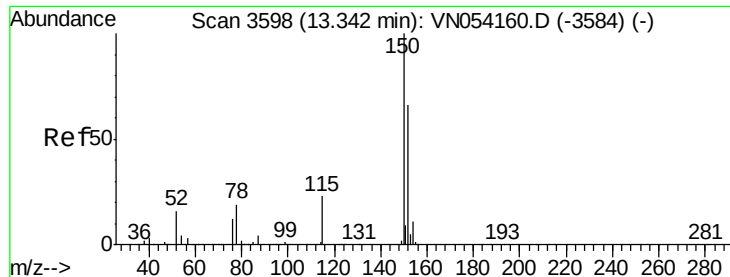
Tot Ion:106 Resp: 13048
Ion Ratio Lower Upper
106 100
91 206.9 105.7 317.1



#71
Bromoform
Concen: 2.790 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

Tgt Ion:173 Resp: 6257
Ion Ratio Lower Upper
173 100
175 934.0 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

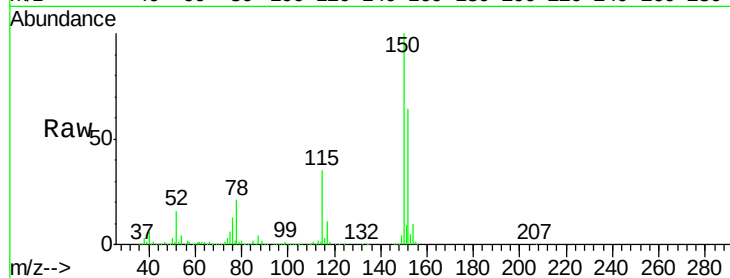
Tot Ion:152 Resp: 901526

Ion Ratio Lower Upper

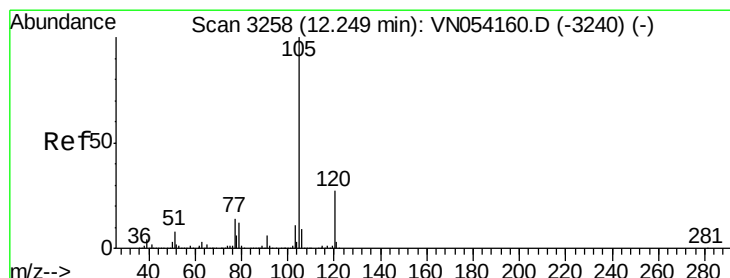
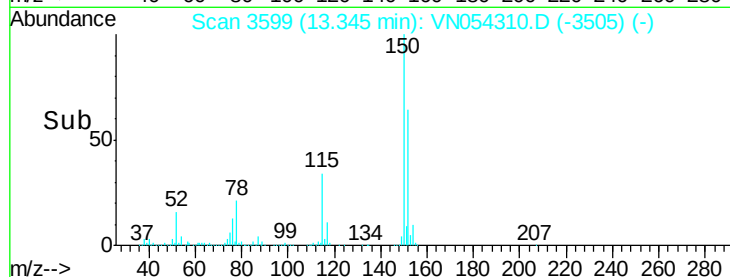
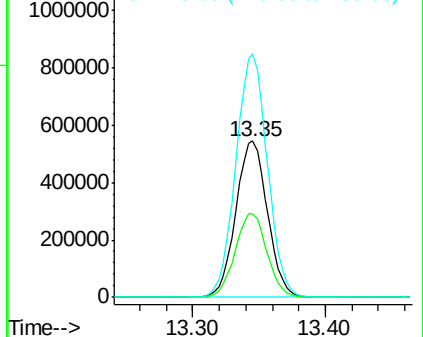
152 100

115 53.9 27.2 81.6

150 155.6 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: 0.208 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054310.D

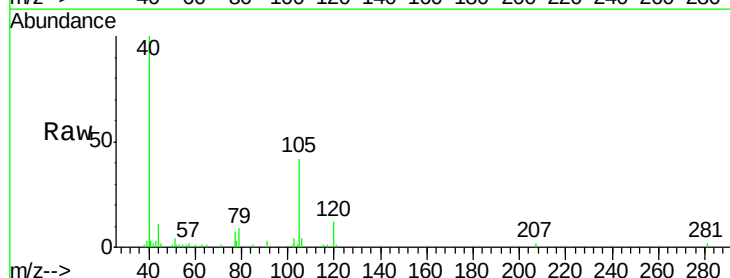
Acq: 15 Mar 2019 15:30

Tgt Ion:105 Resp: 14983

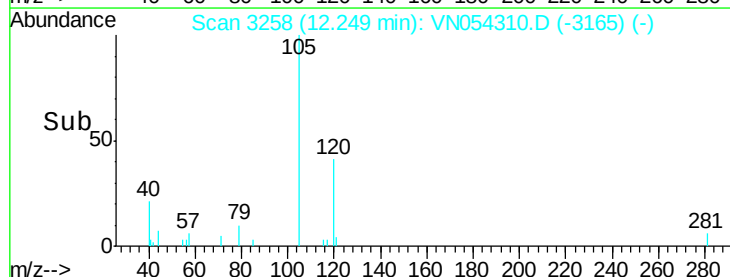
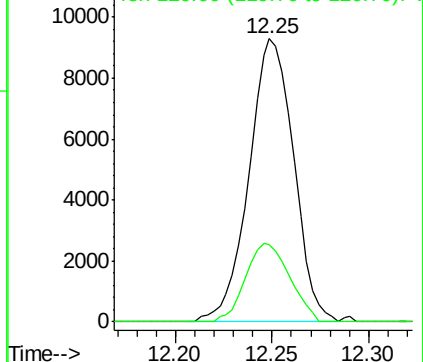
Ion Ratio Lower Upper

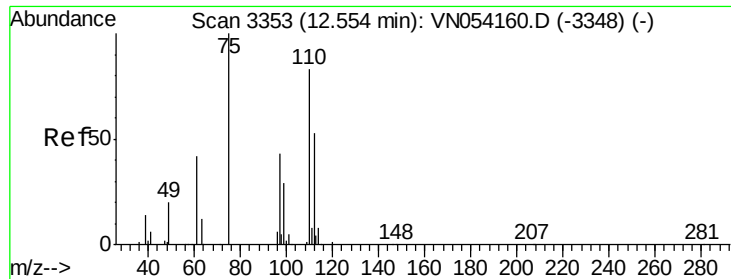
105 100

120 27.3 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: 35.143 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

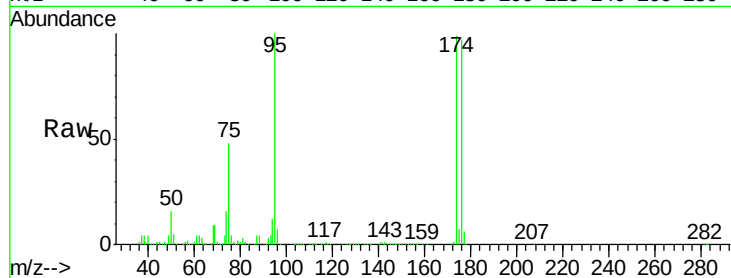
MW-5A

Tot Ion: 75 Resp: 465907

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054160.D (-3348) (-)

12.40

300000

250000

200000

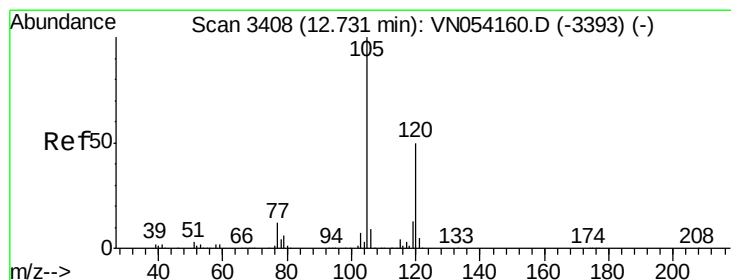
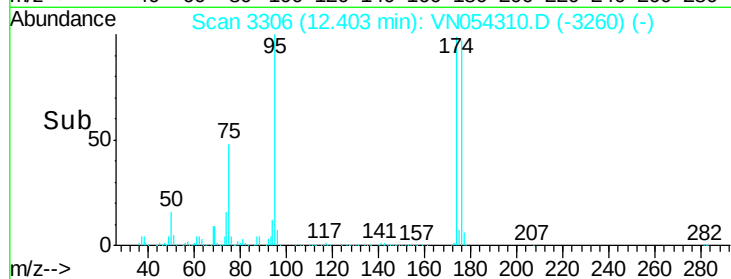
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.322 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054310.D

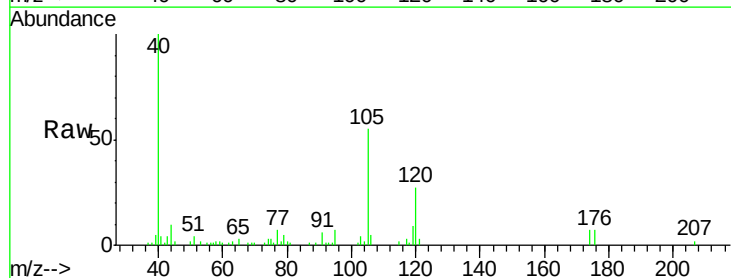
Acq: 15 Mar 2019 15:30

Tgt Ion: 105 Resp: 19319

Ion Ratio Lower Upper

105 100

120 47.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054160.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3393) (-)

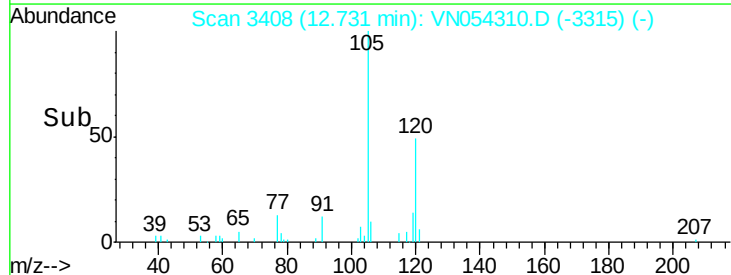
12.73

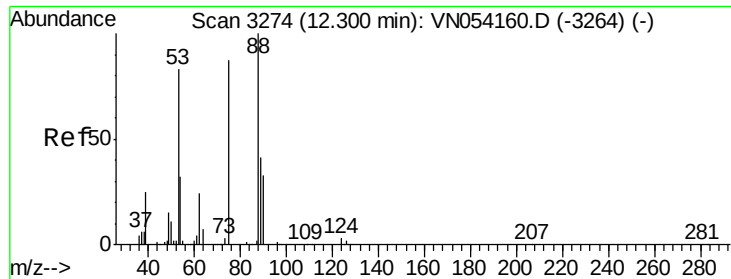
10000

5000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 120.135 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

MW-5A

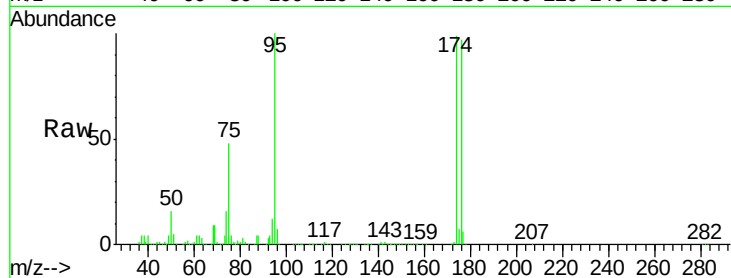
Tot Ion: 75 Resp: 465907

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

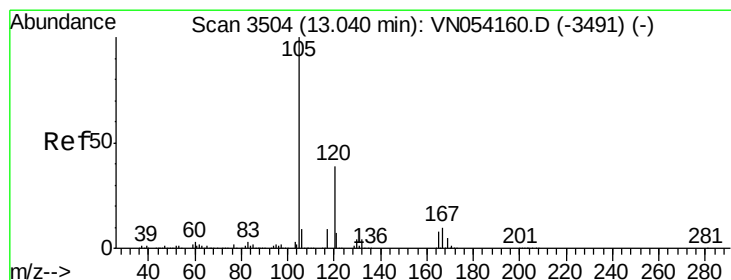
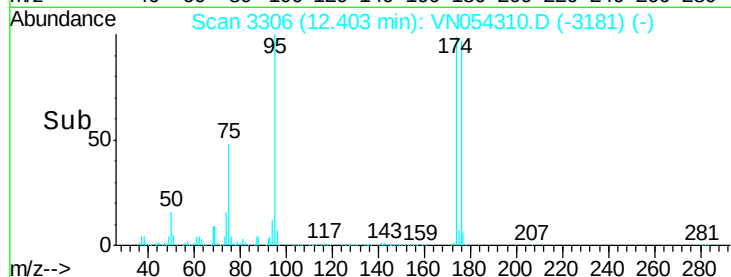
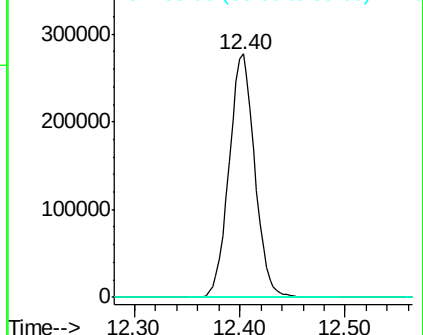
89 0.0 39.2 58.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.449 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054310.D

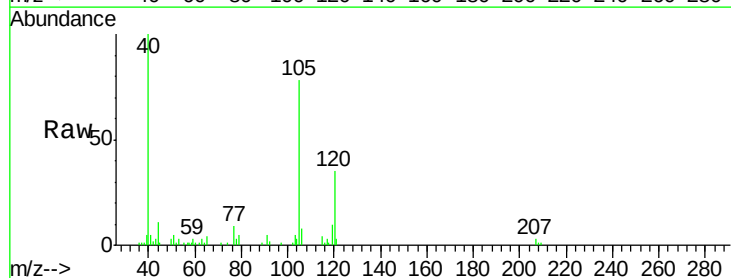
Acq: 15 Mar 2019 15:30

Tgt Ion: 105 Resp: 26444

Ion Ratio Lower Upper

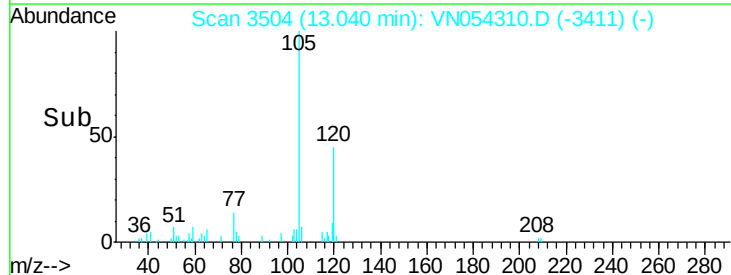
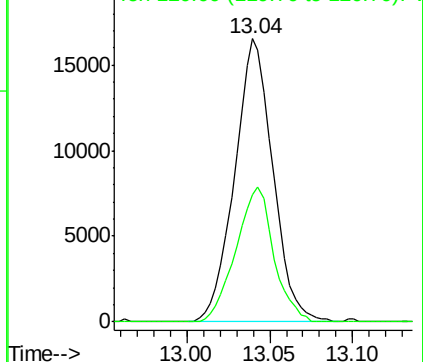
105 100

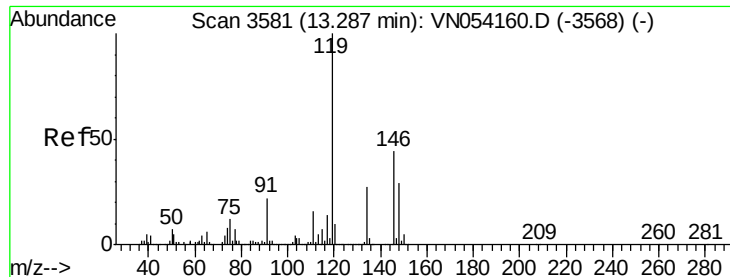
120 47.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

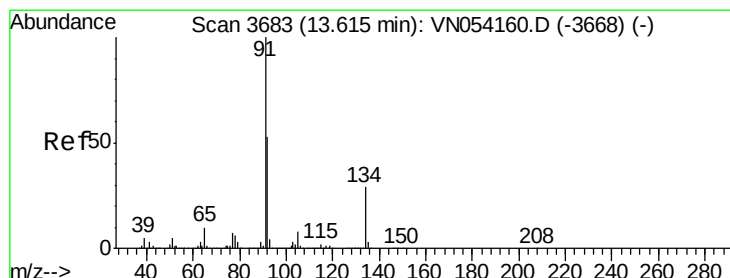
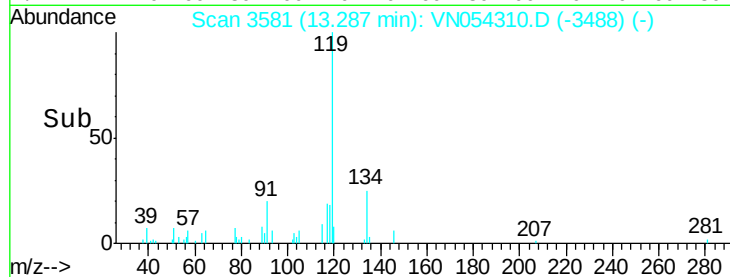
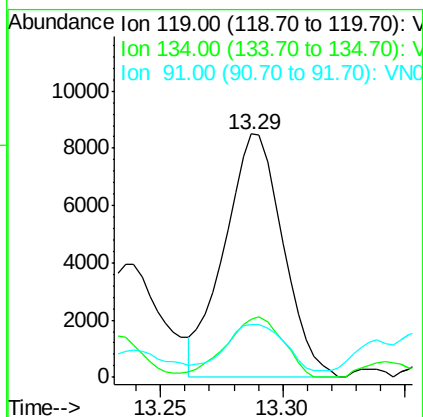
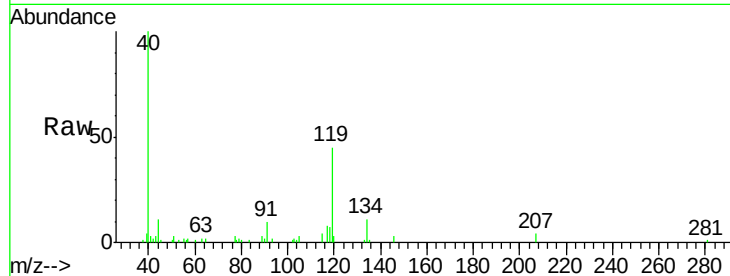




#86
 p-Isopropyltoluene
 Concen: 0.226 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

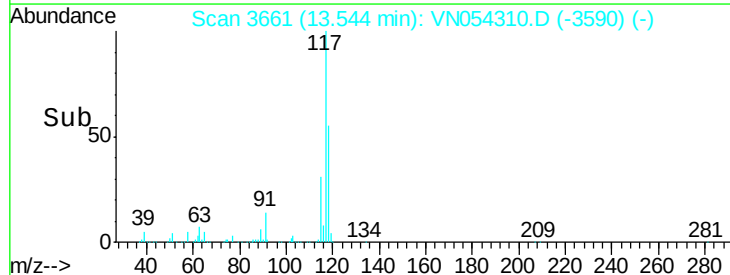
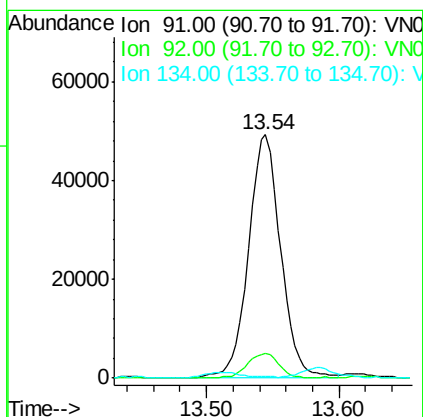
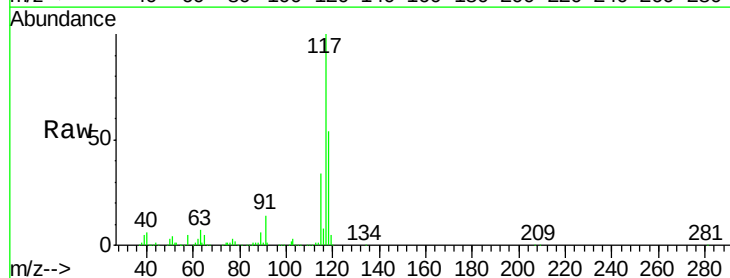
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5A

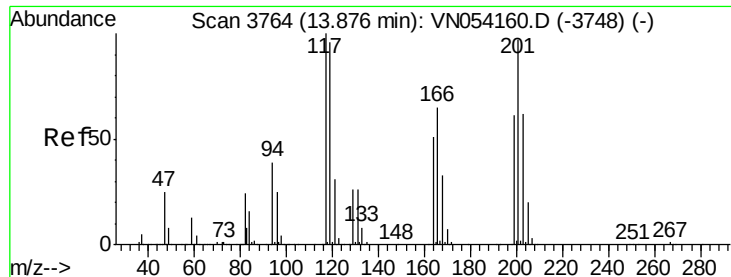
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.4	13.6	40.8
91	18.1	11.1	33.3



#89
 n-Butylbenzene
 Concen: 1.751 ug/l
 RT: 13.54 min Scan# 3661
 Delta R.T. -0.07 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	10.0	26.2	78.6#
134	0.0	14.3	42.9#





#90

Hexachloroethane

Concen: 0.533 ug/l

RT: 13.95 min Scan# 3786

Delta R.T. 0.07 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

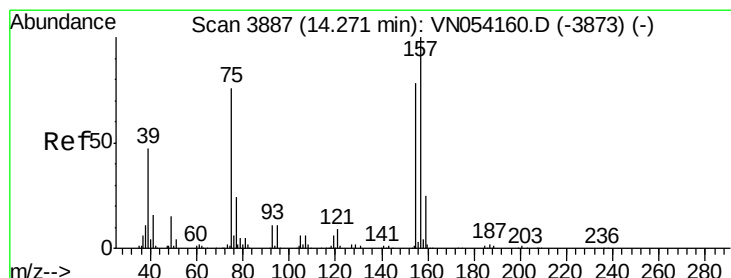
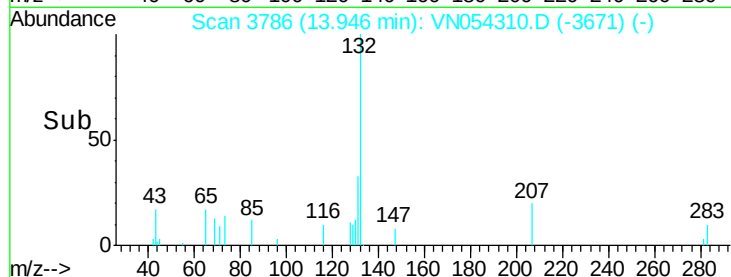
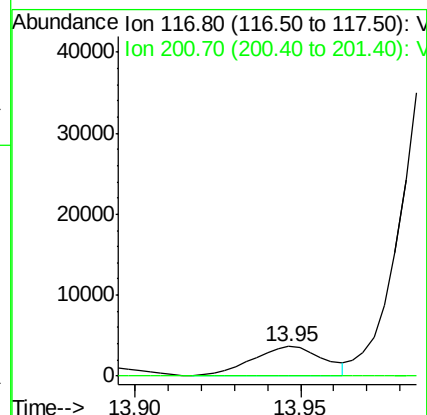
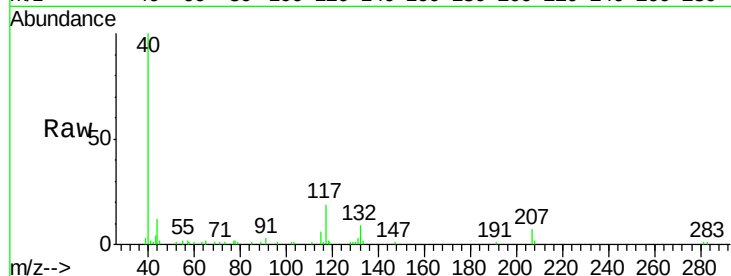
MW-5A

Tot Ion:117 Resp: 5545

Ion Ratio Lower Upper

117 100

201 0.0 48.1 144.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.245 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

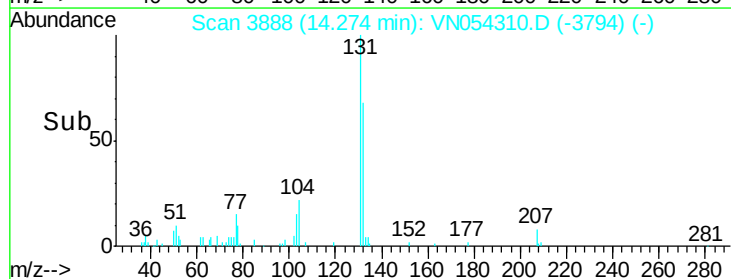
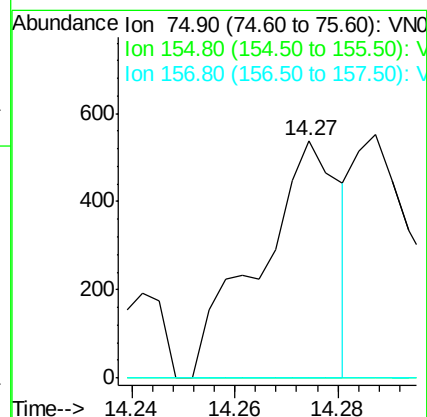
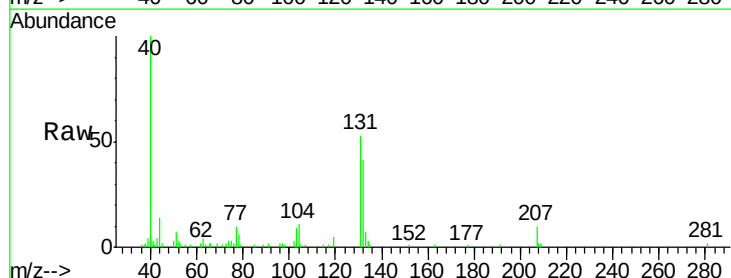
Tgt Ion: 75 Resp: 583

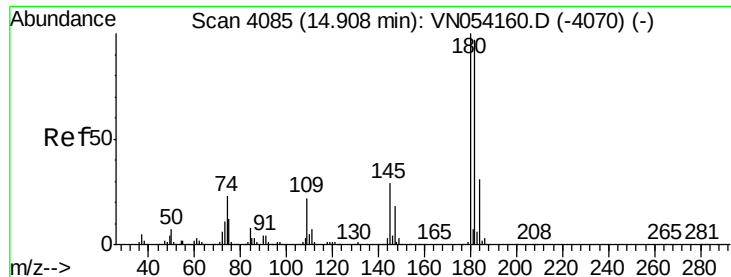
Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

157 0.0 63.1 189.3#

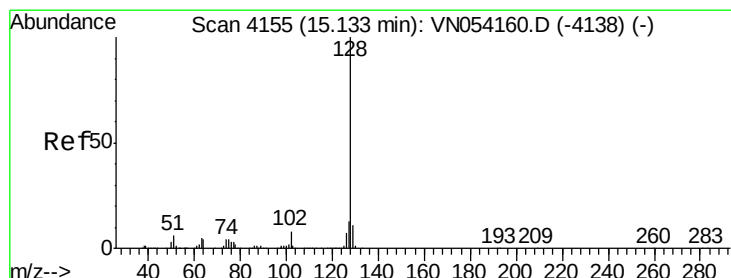
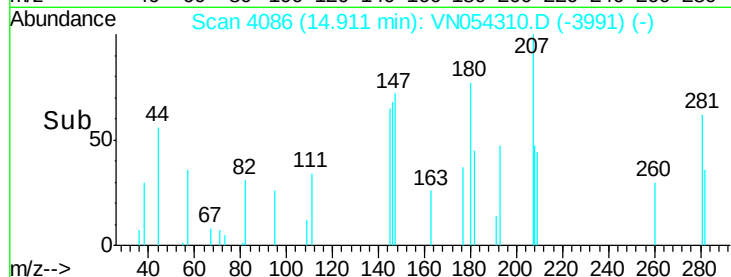
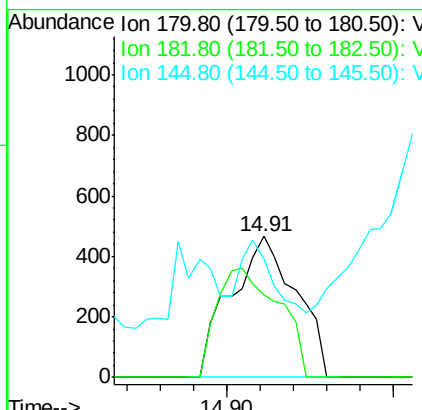
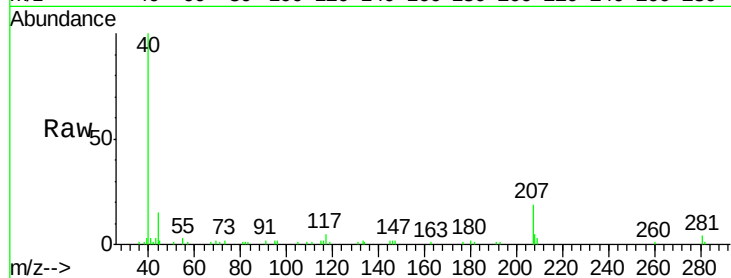




#93
 1,2,4-Trichlorobenzene
 Concen: 2.548 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5A

Tot Ion:180 Resp: 638
 Ion Ratio Lower Upper
 180 100
 182 73.2 48.0 144.2
 145 40.8 14.2 42.8



#95
 Naphthalene
 Concen: 9.555 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

Tgt Ion:128 Resp: 258566
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.1 15.1
 129 10.8 8.7 13.1

