

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054106.D
 Acq On : 5 Mar 2019 18:22
 Operator : JC/SP
 Sample : K1727-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11DL

Quant Time: Mar 06 02:24:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	624927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1114985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1090075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	420460	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	385674	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
35) Dibromofluoromethane	7.59	113	357590	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.09	98	1404787	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.40	95	486729	54.43	ug/l	0.00
Spiked Amount			Recovery	=	108.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	15563	1.947	ug/l	99
11) Tert butyl alcohol	4.76	59	348	0.749	ug/l #	73
16) Acetone	3.82	43	4456	Below Cal		94
18) Methyl Acetate	4.33	43	2672	0.522	ug/l #	80
21) trans-1,2-Dichloroethene	5.03	96	3586	0.537	ug/l	85
27) cis-1,2-Dichloroethene	6.83	96	386253	52.017	ug/l	95
31) Cyclohexane	7.67	56	13270	0.729	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41328	3.986	ug/l #	47
38) Carbon Tetrachloride	7.67	117	54583	5.061	ug/l #	17
39) Methylcyclohexane	9.08	83	3947	0.316	ug/l	96
40) Benzene	8.04	78	9184	0.288	ug/l	98
43) Isopropyl Acetate	8.33	43	132192	10.575	ug/l #	58
52) Toluene	10.16	92	175483	9.356	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	1425	0.203	ug/l #	15
56) Ethyl methacrylate	10.44	69	303	1.987	ug/l #	70
67) Ethyl Benzene	11.51	91	71948	1.866	ug/l	96
68) m/p-Xylenes	11.62	106	180800	12.421	ug/l	96
69) o-Xylene	11.95	106	103704	7.251	ug/l	94
70) Styrene	11.95	104	5638	0.256	ug/l #	1
71) Bromoform	12.40	173	3315	0.575	ug/l #	1
73) Isopropylbenzene	12.25	105	8278	0.253	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	236255	35.027	ug/l #	100
78) n-propylbenzene	12.59	91	24460	0.657	ug/l	99
79) 2-Chlorotoluene	12.65	91	33328	1.490	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.73	105	205681	7.676	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	236255	110.707	ug/l #	15
82) 4-Chlorotoluene	12.73	91	19460	0.881	ug/l #	39
83) tert-Butylbenzene	12.99	119	11658	0.492	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	314626	11.762	ug/l	99
85) sec-Butylbenzene	13.04	105	314626	9.720	ug/l #	56
86) p-Isopropyltoluene	13.29	119	20901	0.764	ug/l	99
89) n-Butylbenzene	13.58	91	36014	1.562	ug/l #	1
90) Hexachloroethane	13.89	117	13125	2.475	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.24	75	899	0.777	ug/l #	1

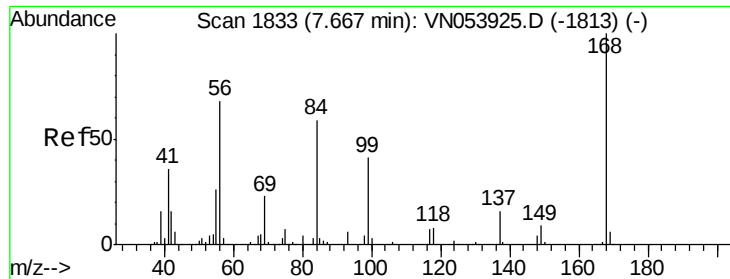
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
Data File : VN054106.D
Acq On : 5 Mar 2019 18:22
Operator : JC/SP
Sample : K1727-01DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11DL

Quant Time: Mar 06 02:24:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	29325	4.860	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	69	1.567	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampleID :

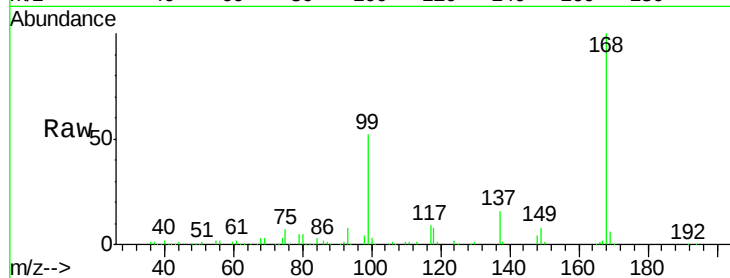
MW-11DL

Tot Ion:168 Resp: 624927

Ion Ratio Lower Upper

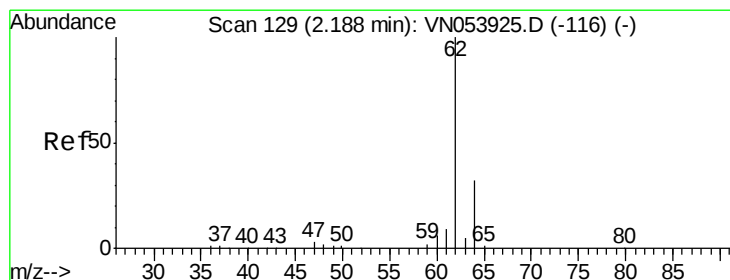
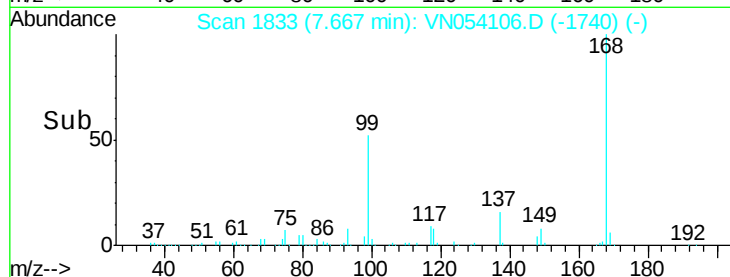
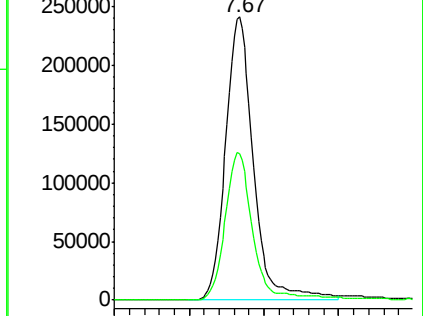
168 100

99 51.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 1.947 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054106.D

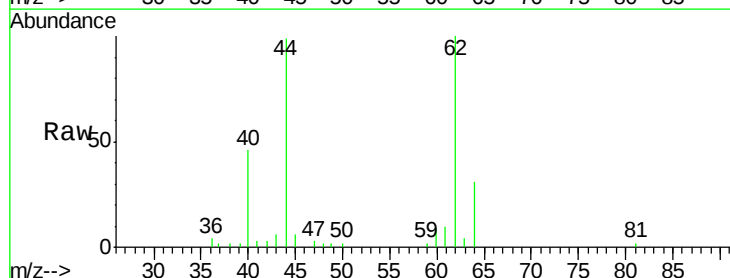
Acq: 5 Mar 2019 18:22

Tgt Ion: 62 Resp: 15563

Ion Ratio Lower Upper

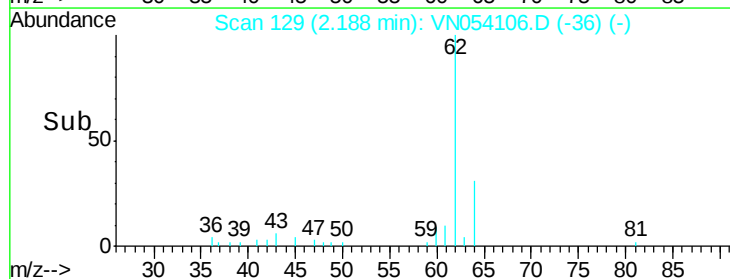
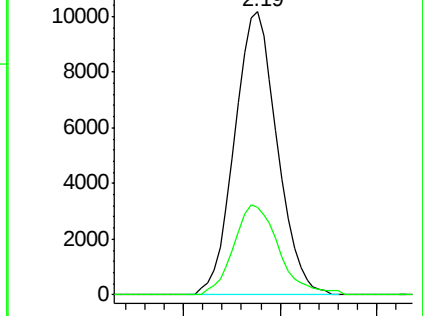
62 100

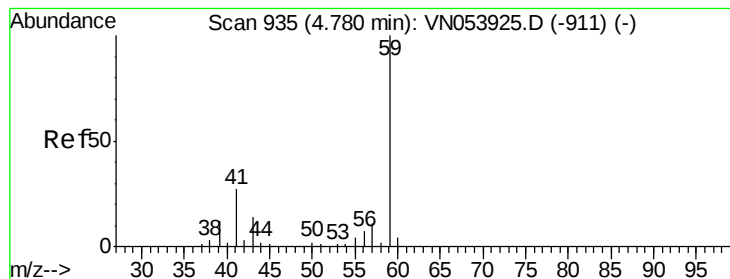
64 30.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



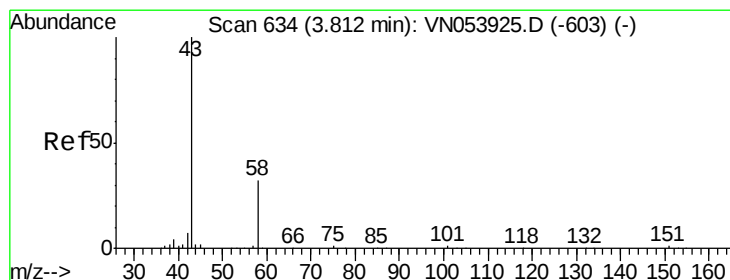
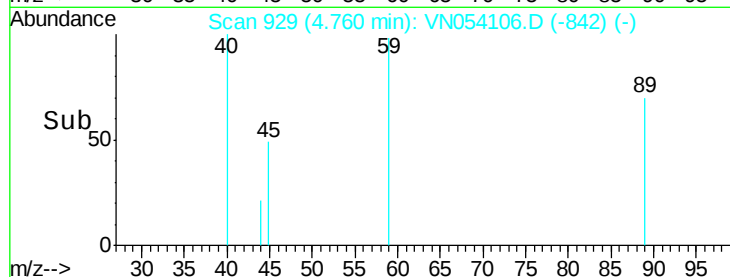
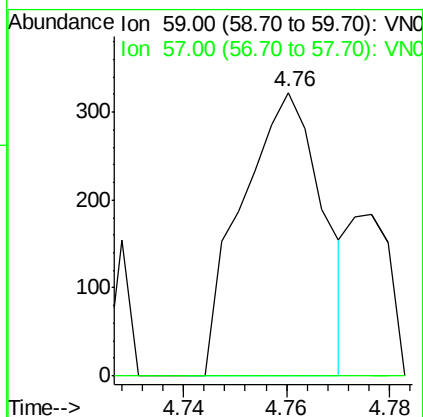
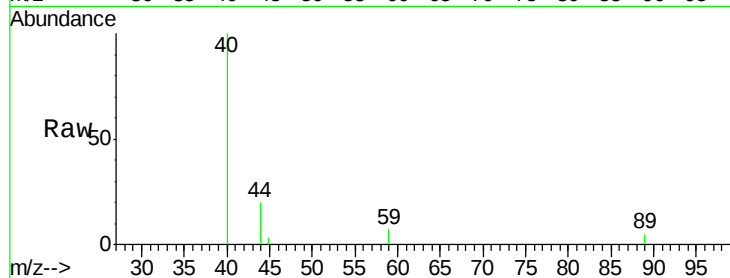


#11

Tert butyl alcohol
 Concen: 0.749 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11DL

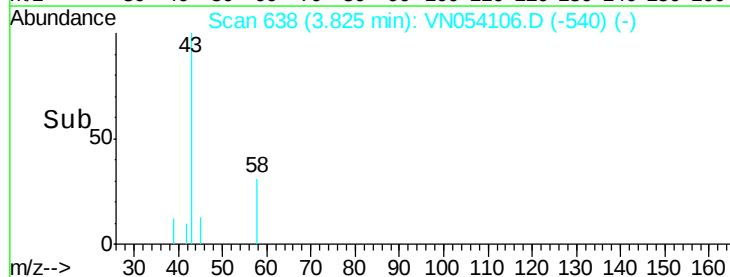
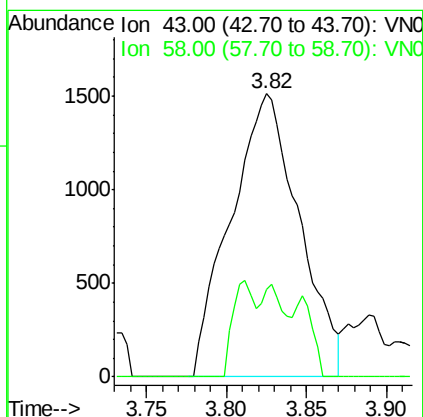
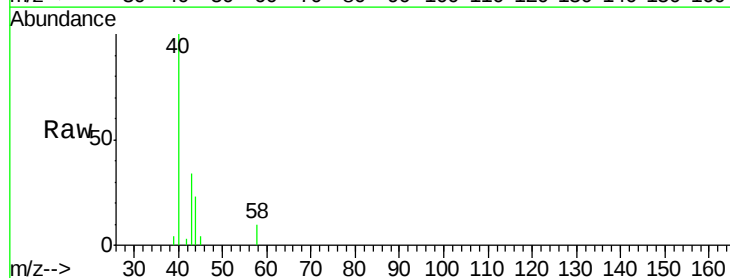
Tot Ion: 59 Resp: 348
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

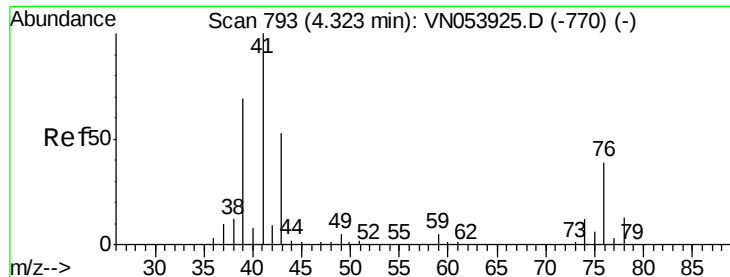


#16

Acetone
 Concen: Below Cal
 RT: 3.82 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

Tgt Ion: 43 Resp: 4456
 Ion Ratio Lower Upper
 43 100
 58 30.9 27.6 41.4

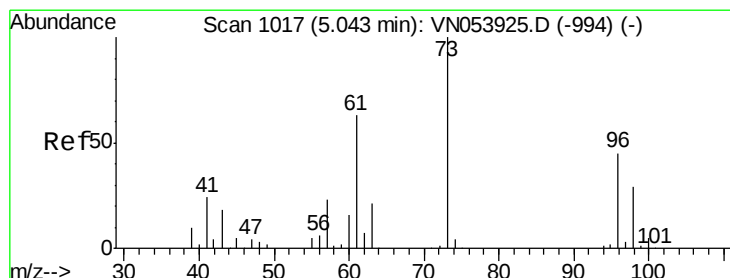
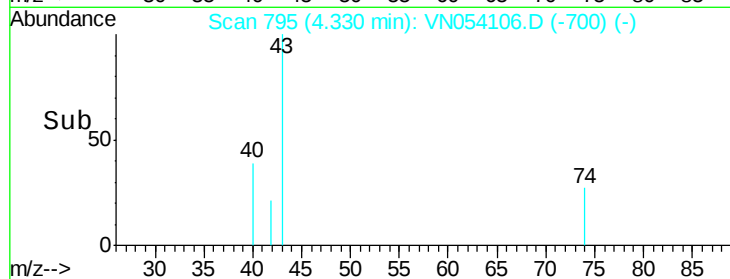
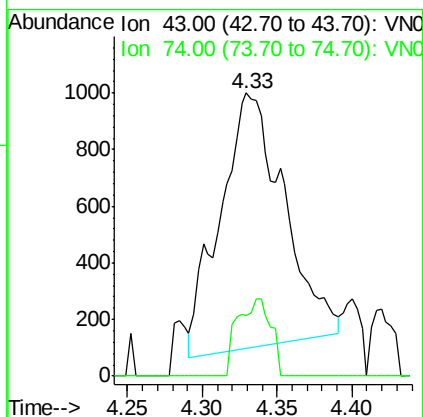
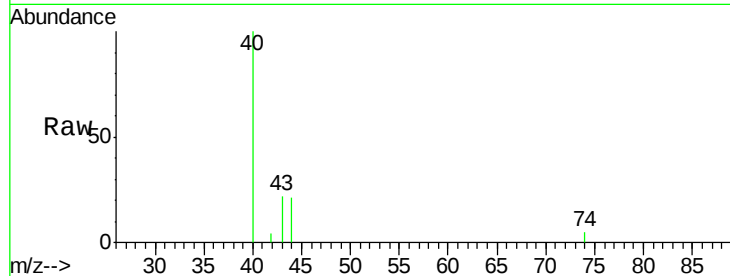




#18
Methyl Acetate
Concen: 0.522 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

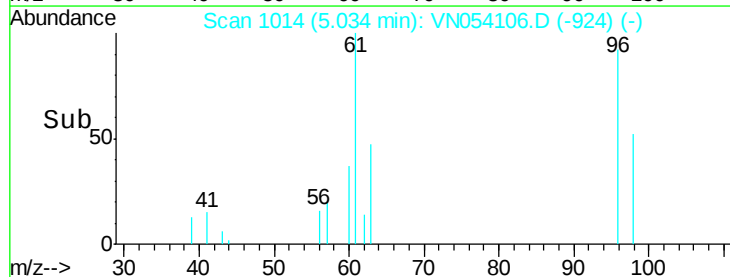
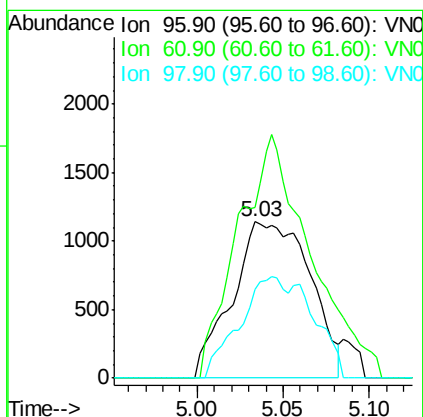
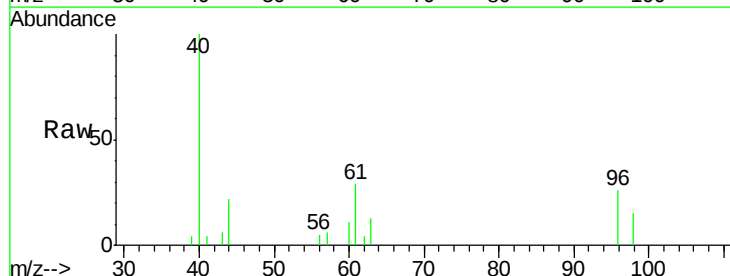
Instrument :
MSVOA_N
ClientSampled :
MW-11DL

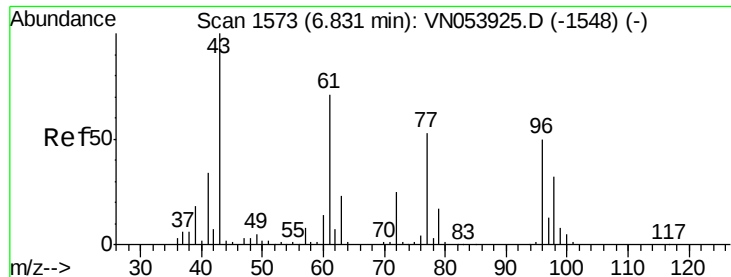
Tot Ion: 43 Resp: 2672
Ion Ratio Lower Upper
43 100
74 15.5 20.5 30.7#



#21
trans-1,2-Dichloroethene
Concen: 0.537 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

Tgt Ion: 96 Resp: 3586
Ion Ratio Lower Upper
96 100
61 109.1 104.5 156.7
98 56.8 50.6 76.0





#27

cis-1,2-Dichloroethene

Concen: 52.017 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

MW-11DL

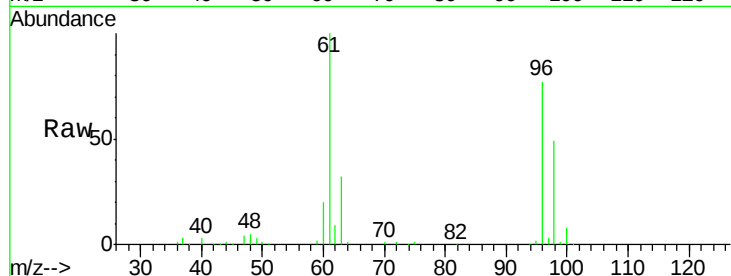
Tot Ion: 96 Resp: 386253

Ion Ratio Lower Upper

96 100

61 129.4 0.0 275.6

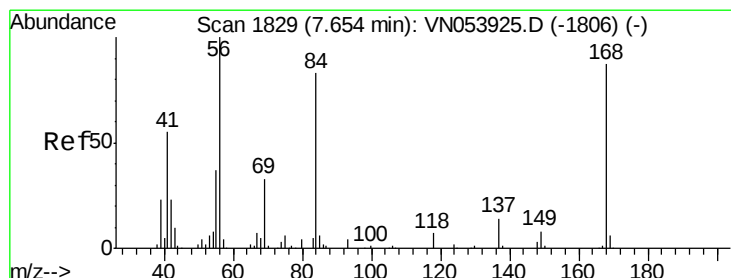
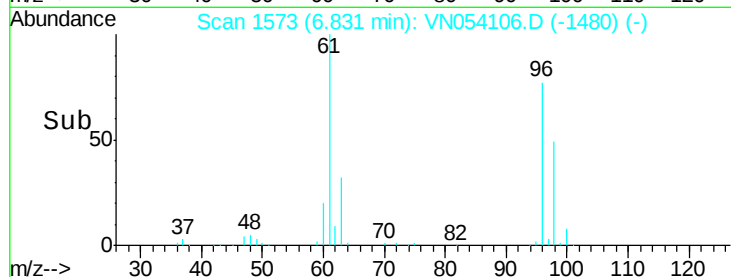
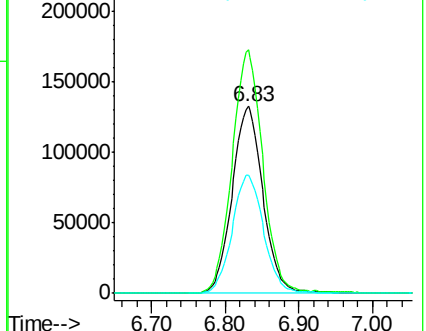
98 64.5 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#31

Cyclohexane

Concen: 0.729 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

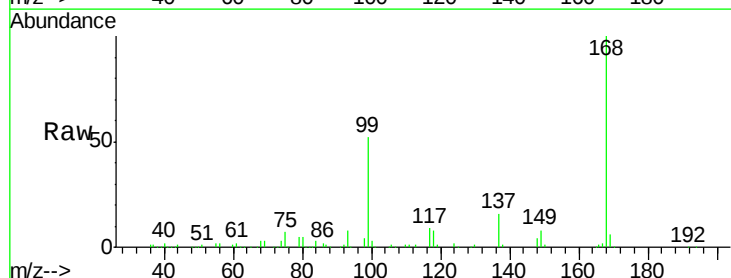
Tgt Ion: 56 Resp: 13270

Ion Ratio Lower Upper

56 100

69 168.0 26.0 39.0#

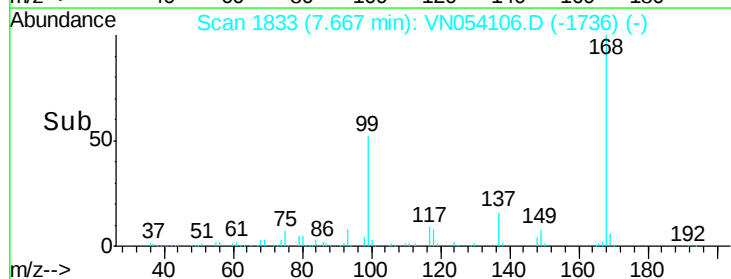
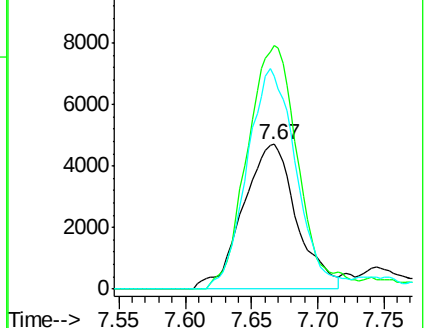
84 146.7 69.1 103.7#

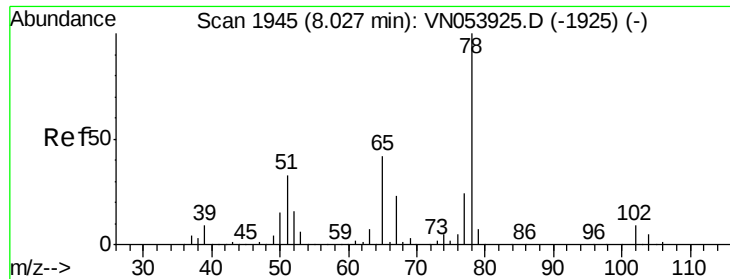


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

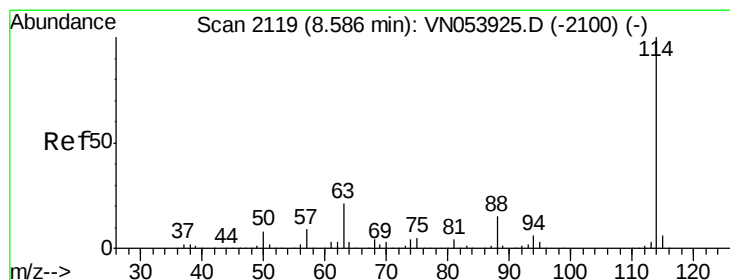
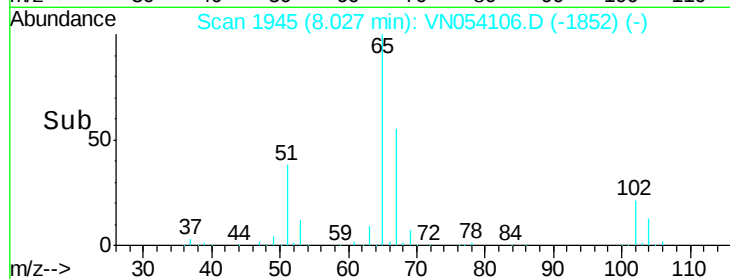
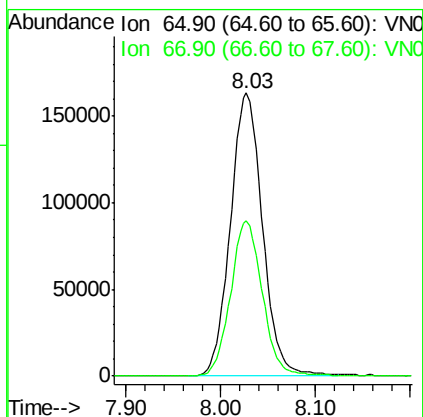
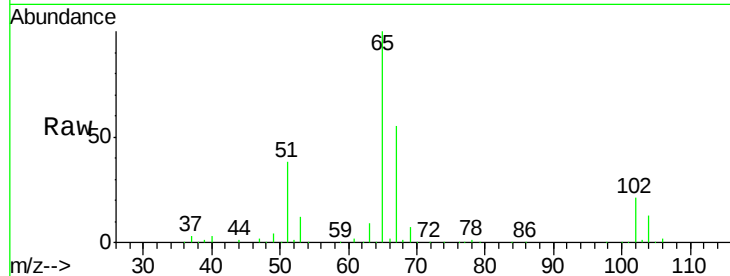




#33
 1,2-Dichloroethane-d4
 Concen: 52.648 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

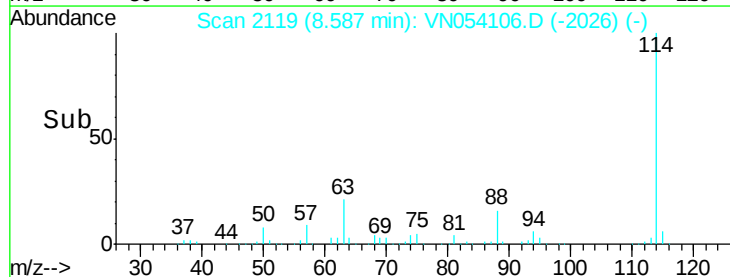
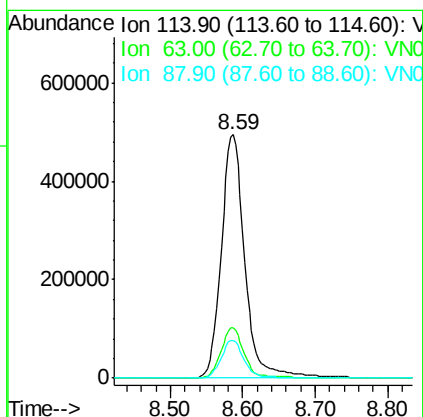
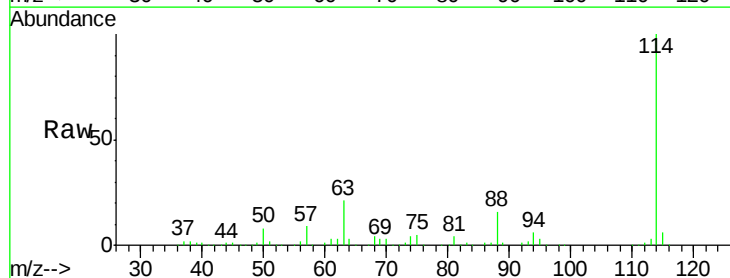
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11DL

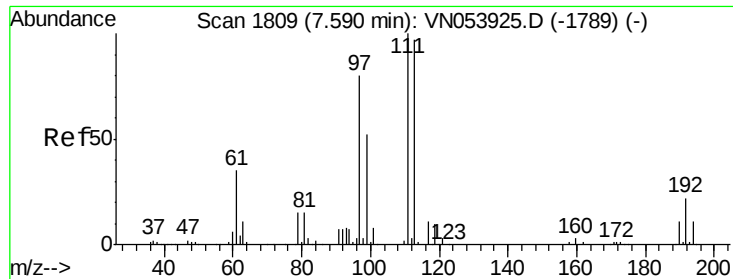
Tot Ion: 65 Resp: 385674
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

Tgt Ion: 114 Resp: 1114985
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.5 0.0 30.4

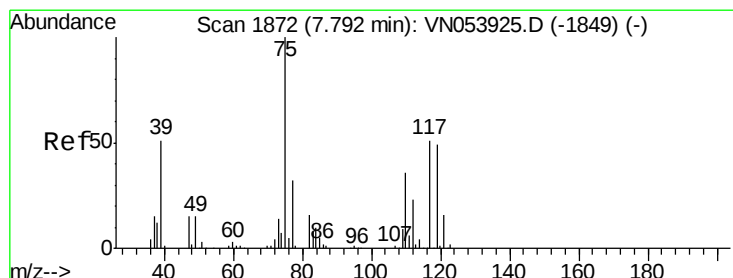
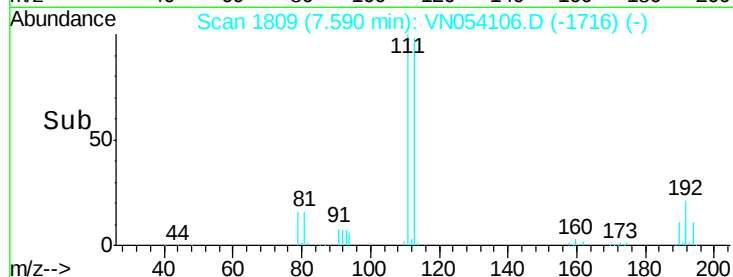
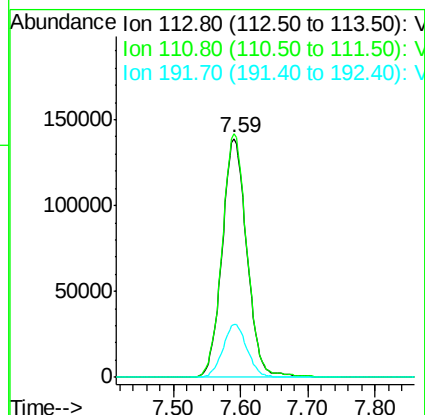
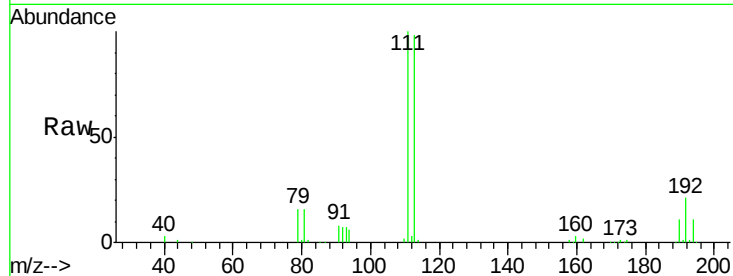




#35
 Dibromofluoromethane
 Concen: 49.595 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

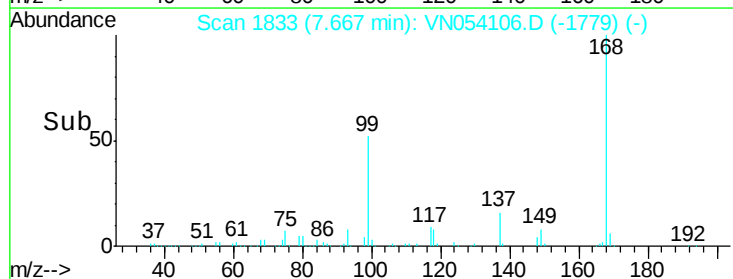
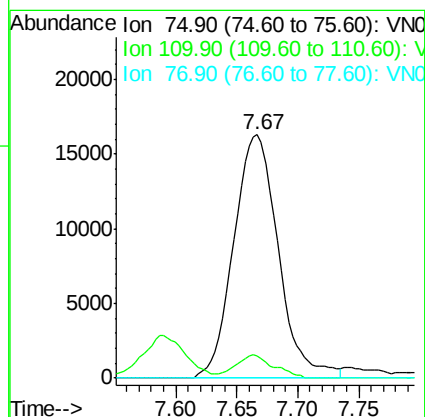
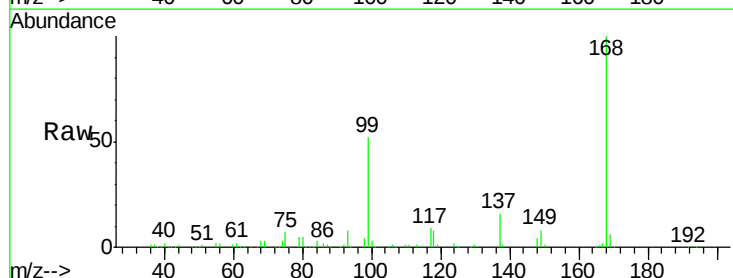
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11DL

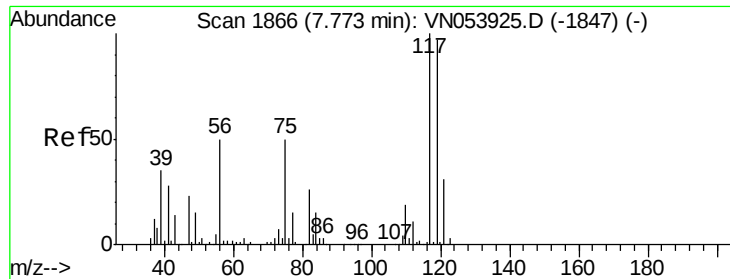
Tot Ion:113 Resp: 357590
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.1 121.7
 192 21.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 3.986 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

Tgt Ion: 75 Resp: 41328
 Ion Ratio Lower Upper
 75 100
 110 8.1 19.0 57.0#
 77 0.0 25.4 38.0#

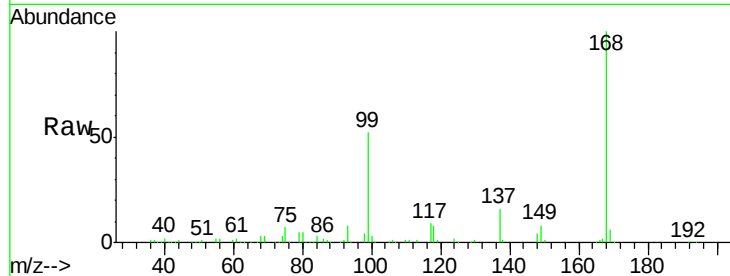




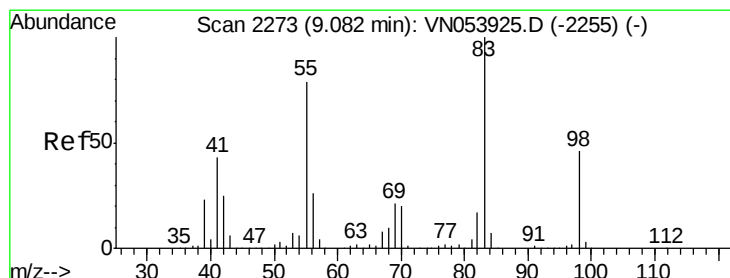
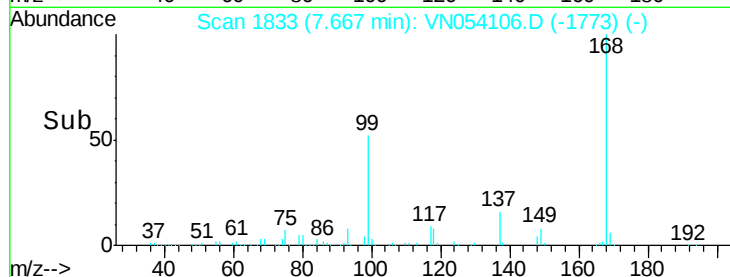
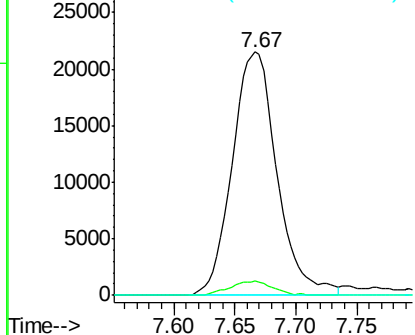
#38
Carbon Tetrachloride
Concen: 5.061 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

Instrument :
MSVOA_N
ClientSampleId :
MW-11DL

Tot Ion:117 Resp: 54583
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.6 36.8#

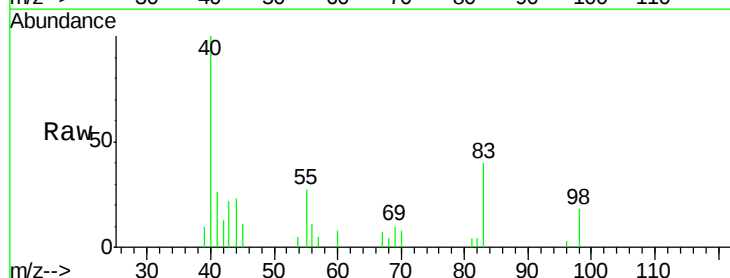


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

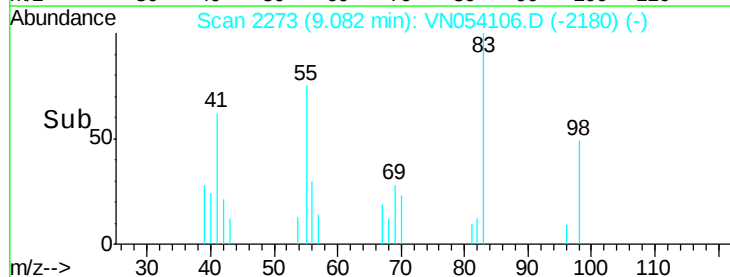
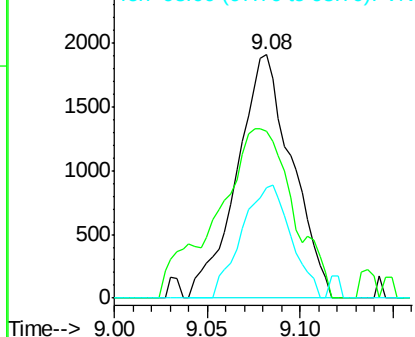


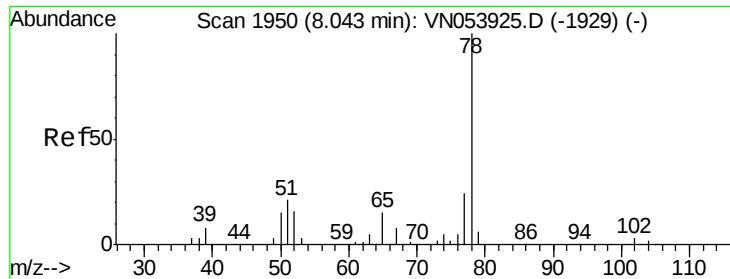
#39
Methylcyclohexane
Concen: 0.316 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

Tgt Ion: 83 Resp: 3947
Ion Ratio Lower Upper
83 100
55 68.6 58.2 87.4
98 45.3 37.2 55.8



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 0.288 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

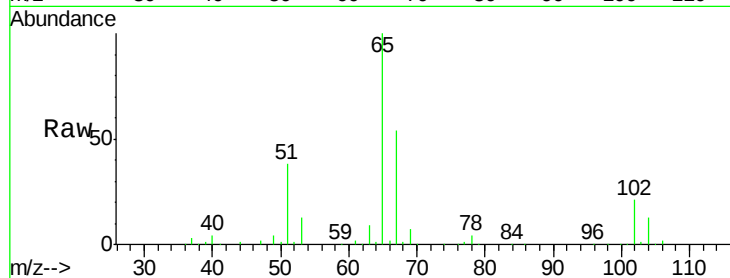
MW-11DL

Tot Ion: 78 Resp: 9184

Ion Ratio Lower Upper

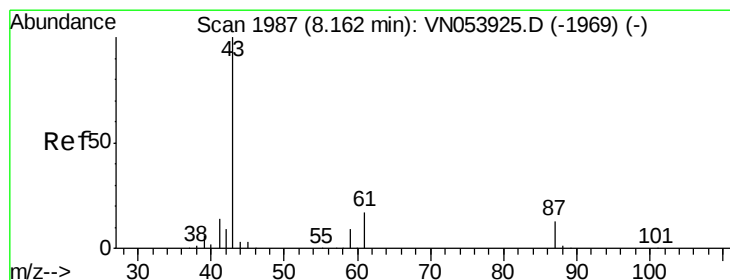
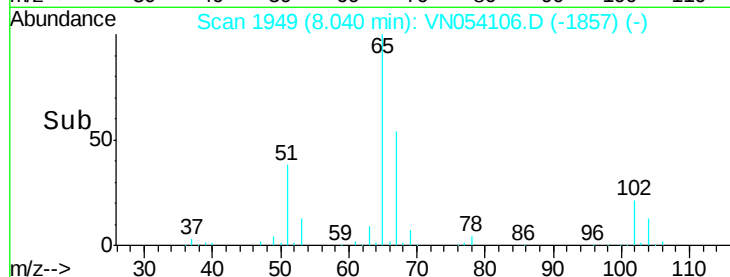
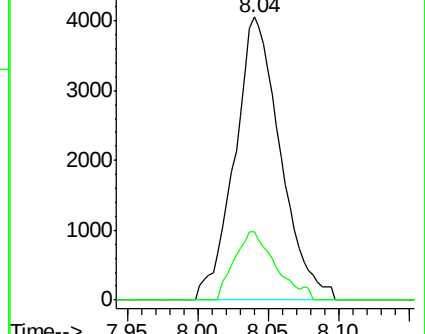
78 100

77 24.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 10.575 ug/l

RT: 8.33 min Scan# 2039

Delta R.T. 0.17 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

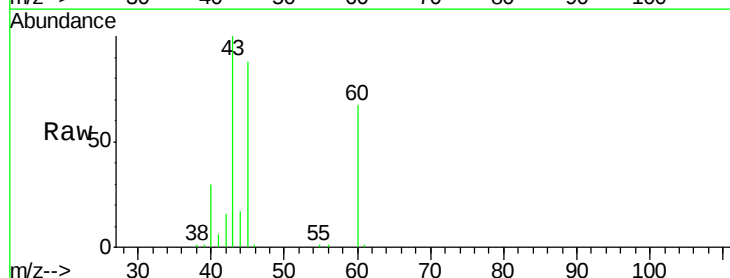
Tgt Ion: 43 Resp: 132192

Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

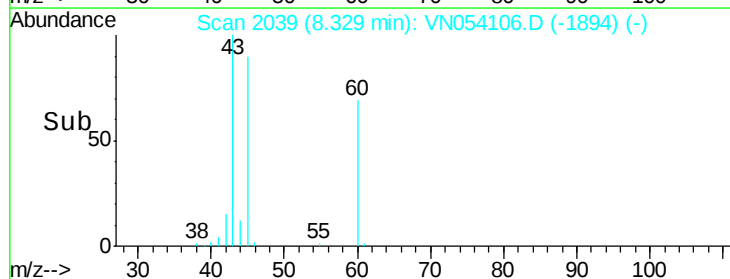
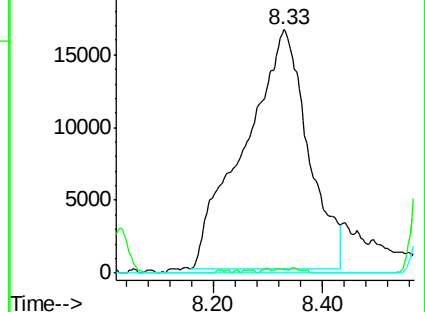
87 0.0 11.5 17.3#

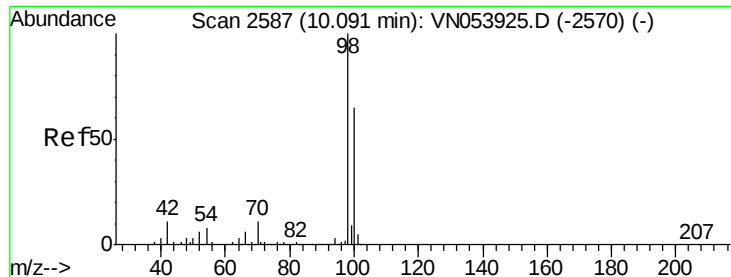


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 52.339 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

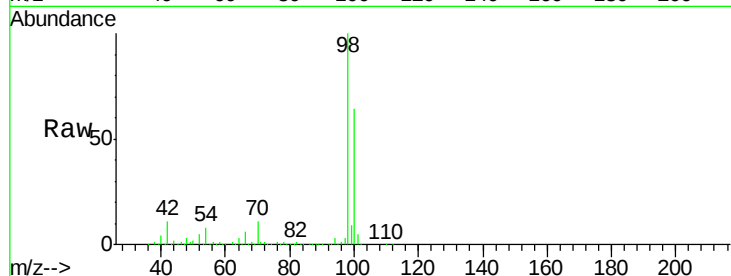
MW-11DL

Tot Ion: 98 Resp: 1404787

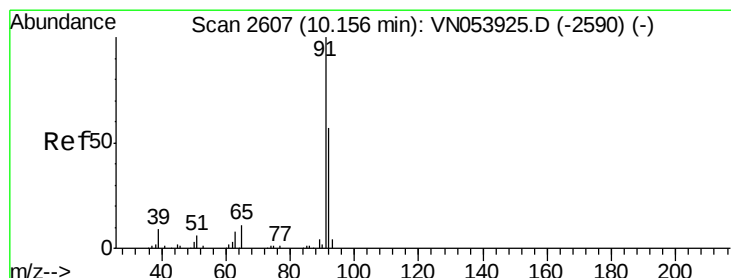
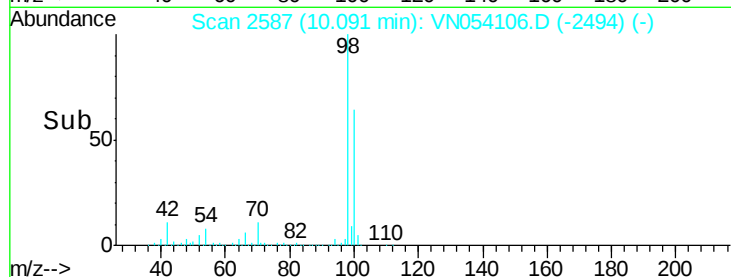
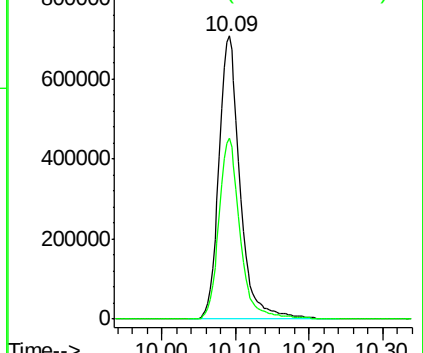
Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)



#52

Toluene

Concen: 9.356 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054106.D

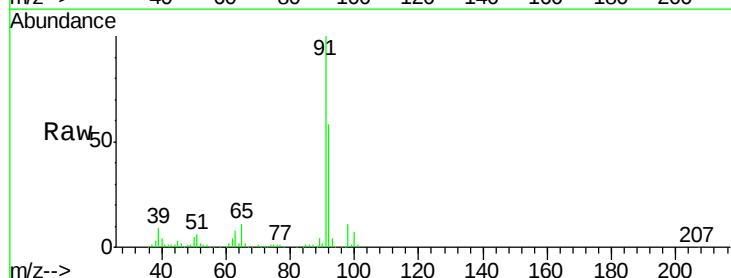
Acq: 5 Mar 2019 18:22

Tgt Ion: 92 Resp: 175483

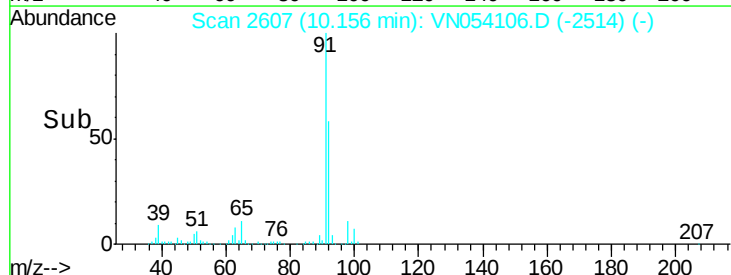
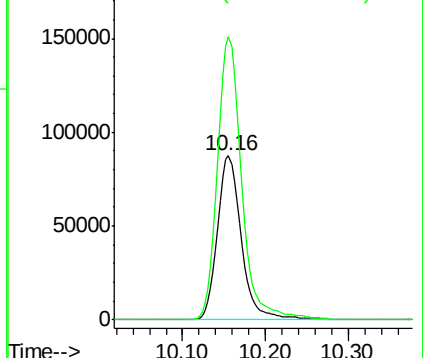
Ion Ratio Lower Upper

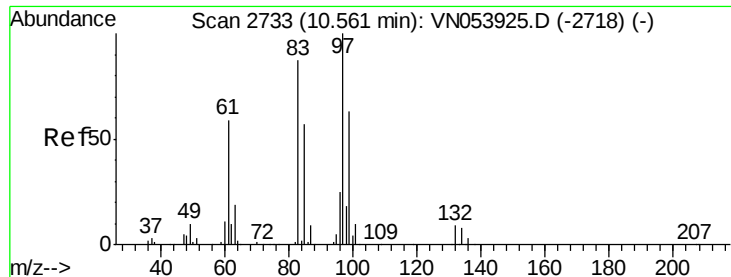
92 100

91 174.0 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN053925.D (-2590) (-)

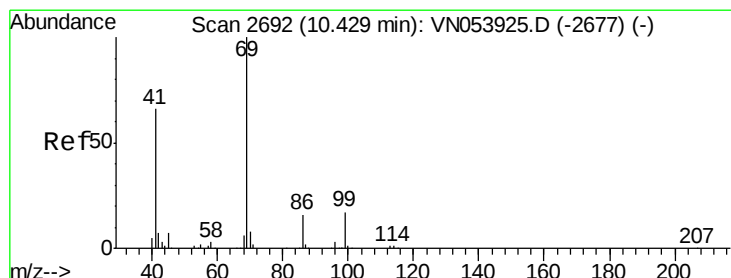
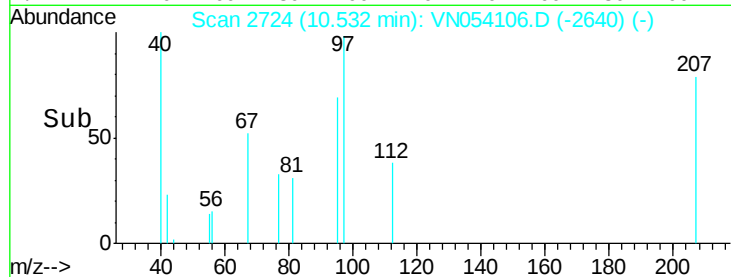
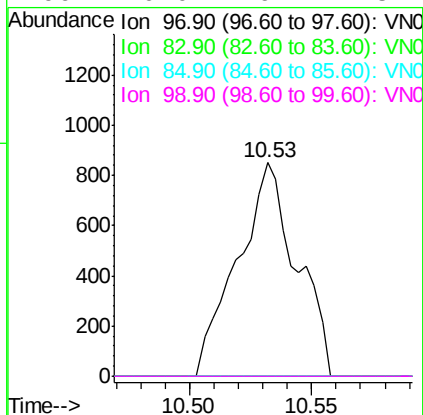
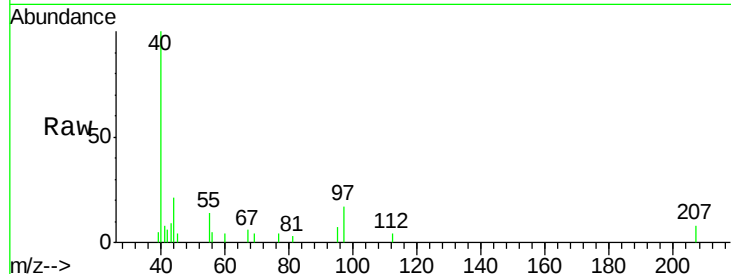




#55
 1,1,2-Trichloroethane
 Concen: 0.203 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

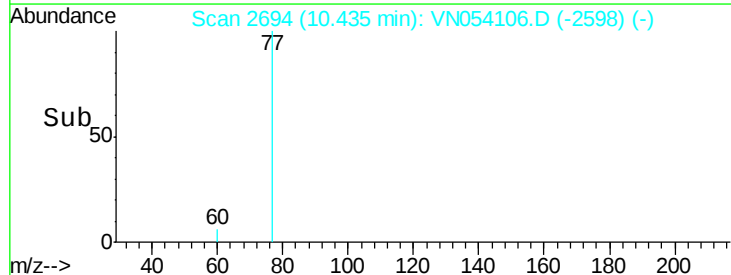
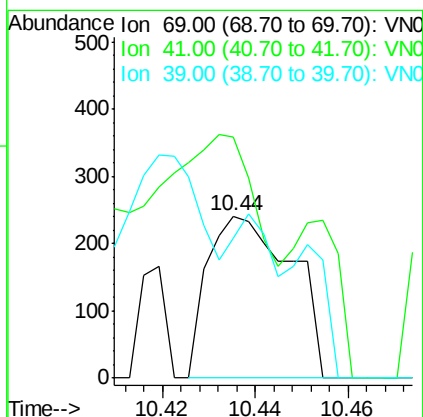
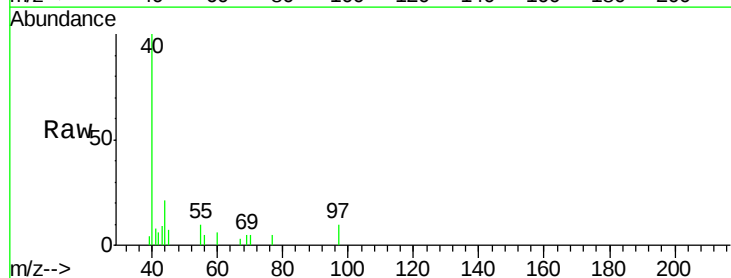
Instrument :
 MSVOA_N
 ClientSampled :
 MW-11DL

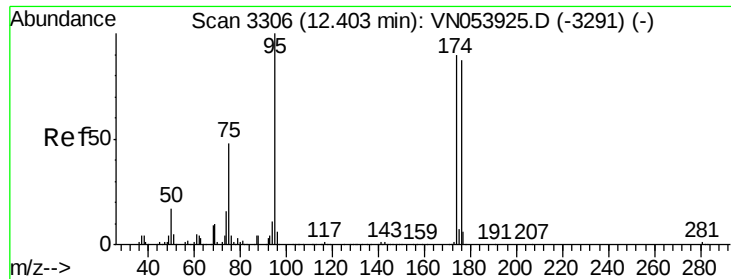
Tot Ion: 97 Resp: 1425
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.5 104.3#
 85 0.0 45.9 68.9#
 99 0.0 49.1 73.7#



#56
 Ethyl methacrylate
 Concen: 1.987 ug/l
 RT: 10.44 min Scan# 2694
 Delta R.T. 0.01 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

Tgt Ion: 69 Resp: 303
 Ion Ratio Lower Upper
 69 100
 41 72.9 47.5 71.3#
 39 0.0 23.4 35.0#





#62

4-Bromofluorobenzene

Concen: 54.430 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

MW-11DL

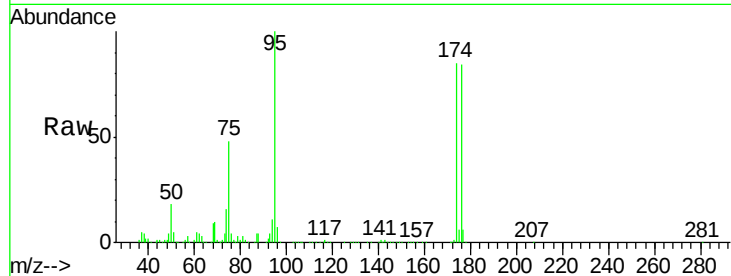
Tot Ion: 95 Resp: 486729

Ion Ratio Lower Upper

95 100

174 87.9 0.0 188.8

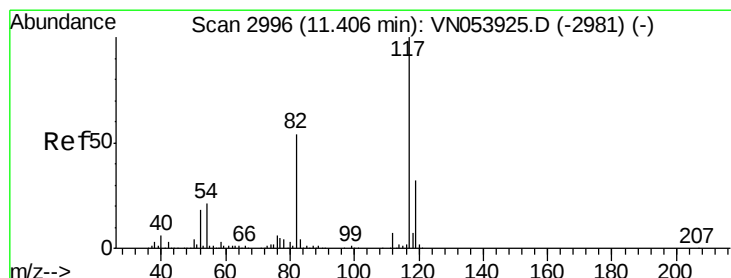
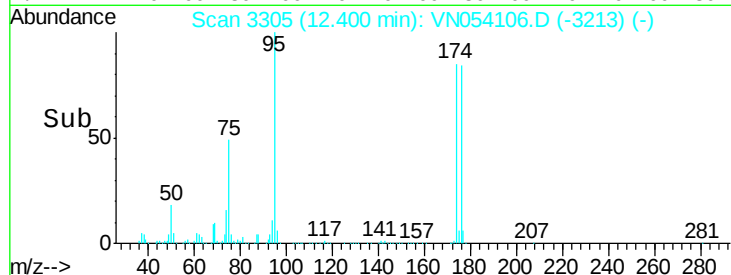
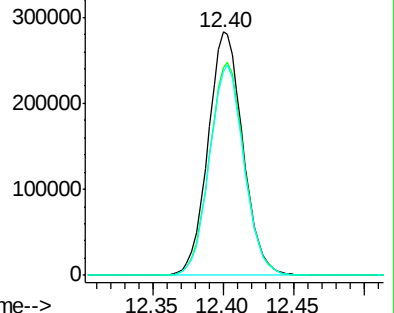
176 86.0 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

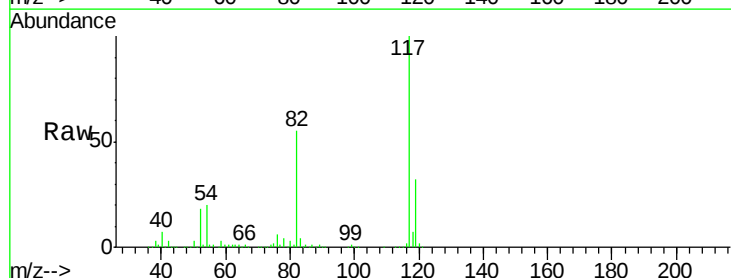
Tgt Ion: 117 Resp: 1090075

Ion Ratio Lower Upper

117 100

82 54.5 41.4 62.2

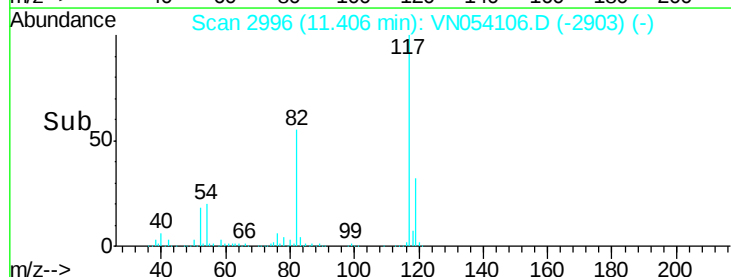
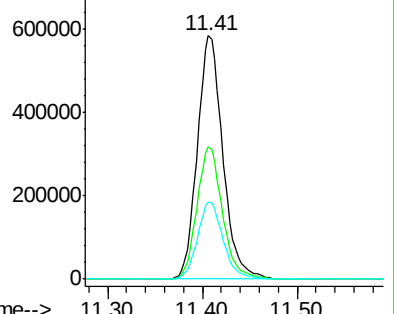
119 31.9 25.3 37.9

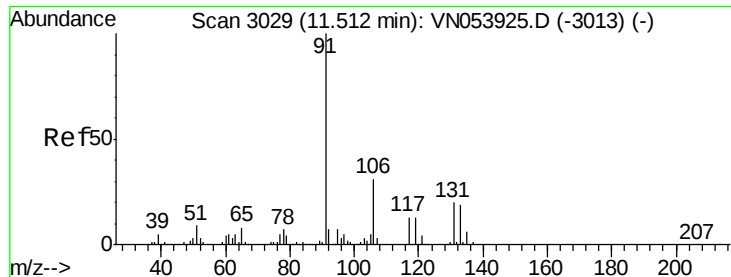


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

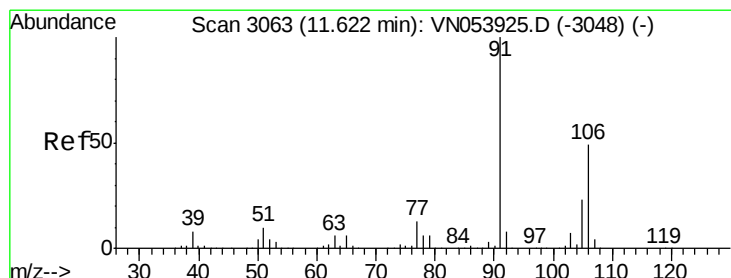
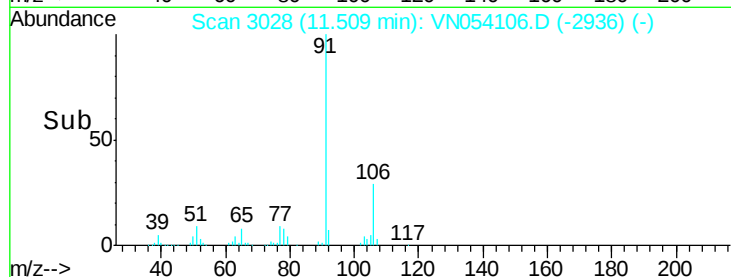
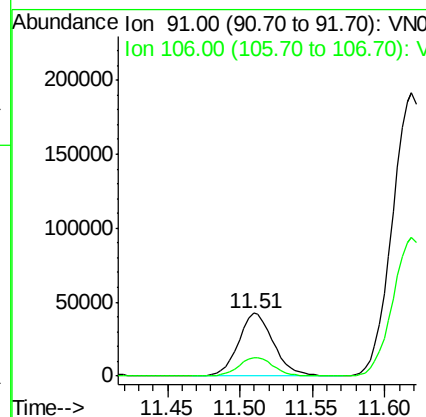
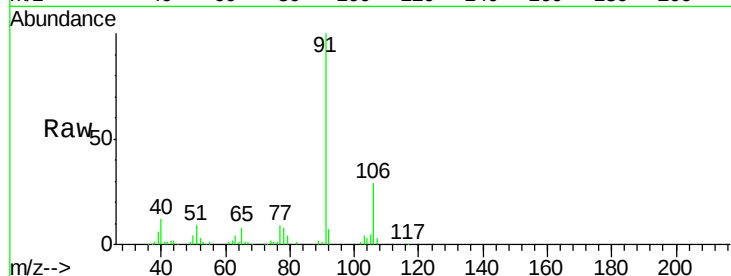




#67
Ethyl Benzene
Concen: 1.866 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

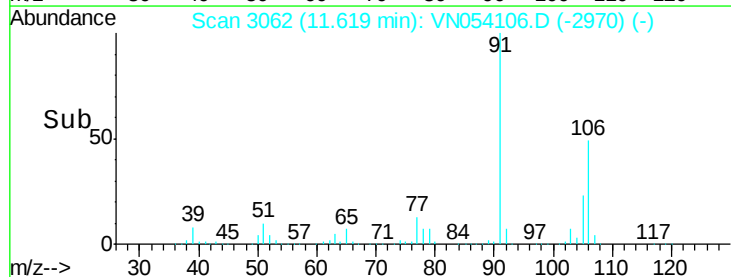
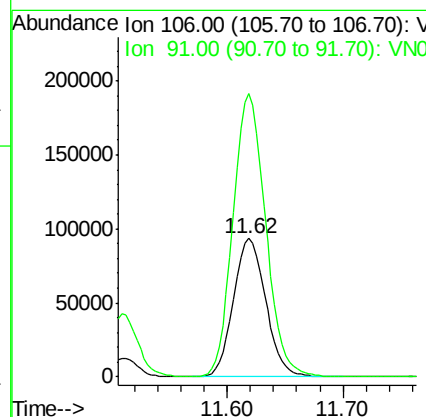
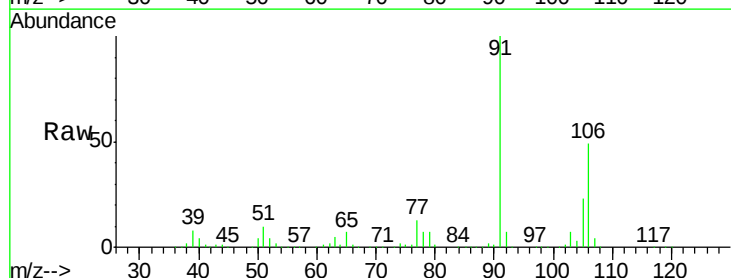
Instrument :
MSVOA_N
ClientSampled :
MW-11DL

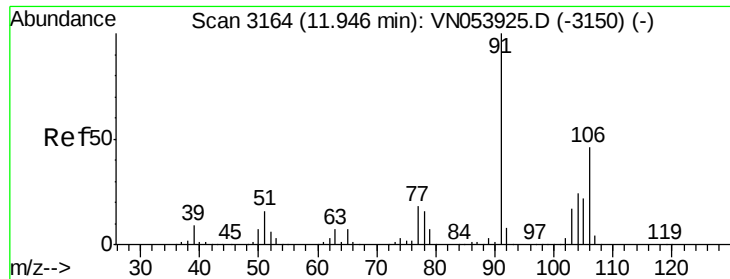
Tot Ion: 91 Resp: 71948
Ion Ratio Lower Upper
91 100
106 29.0 25.2 37.8



#68
m/p-Xylenes
Concen: 12.421 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

Tgt Ion: 106 Resp: 180800
Ion Ratio Lower Upper
106 100
91 205.3 158.9 238.3

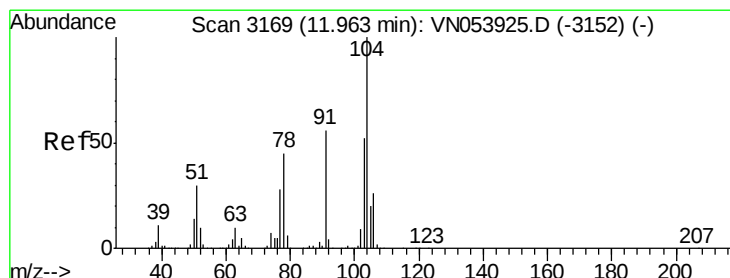
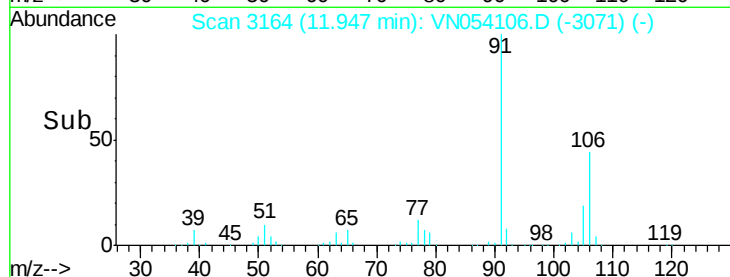
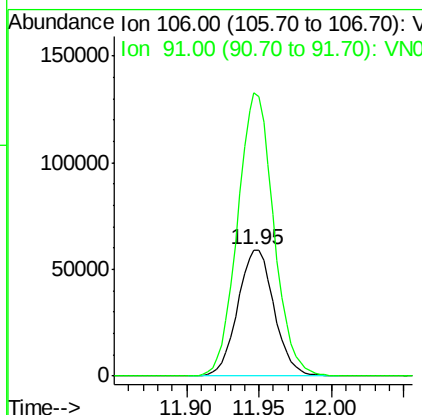
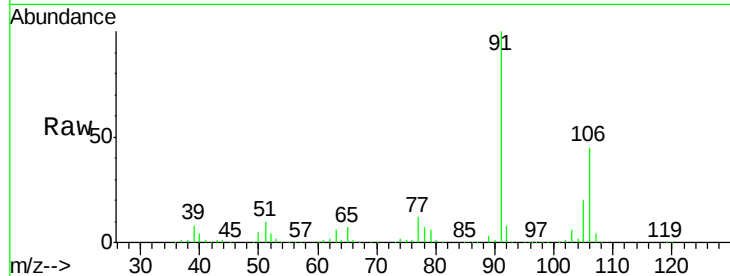




#69
o-Xylene
Concen: 7.251 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

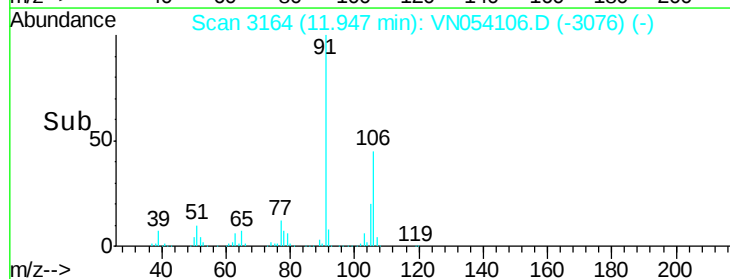
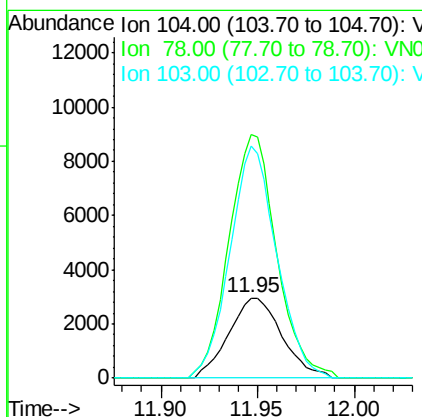
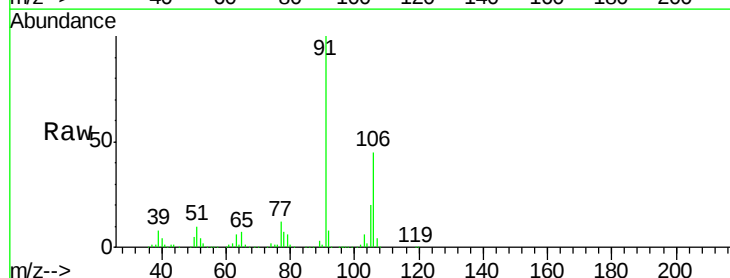
Instrument :
MSVOA_N
ClientSampled :
MW-11DL

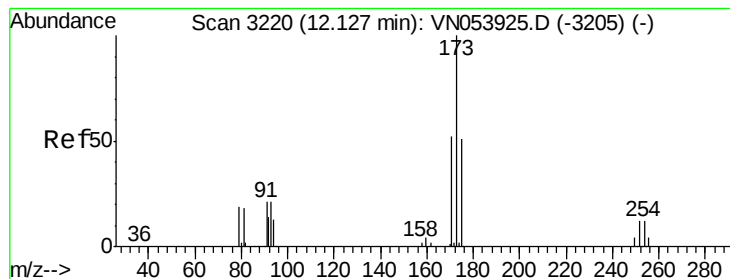
Tot Ion:106 Resp: 103704
Ion Ratio Lower Upper
106 100
91 221.8 106.0 318.0



#70
Styrene
Concen: 0.256 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

Tgt Ion:104 Resp: 5638
Ion Ratio Lower Upper
104 100
78 272.7 38.1 57.1#
103 255.0 44.6 67.0#





#71

Bromoform

Concen: 0.575 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

MW-11DL

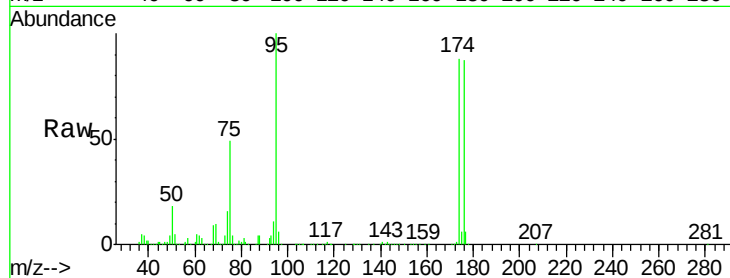
Tot Ion:173 Resp: 3315

Ion Ratio Lower Upper

173 100

175 800.3 24.3 72.8#

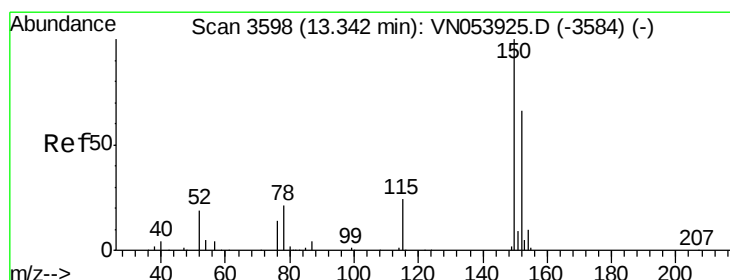
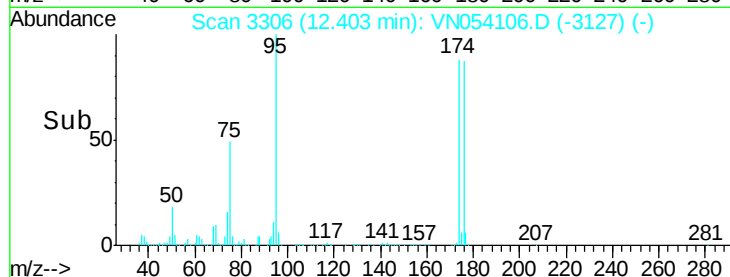
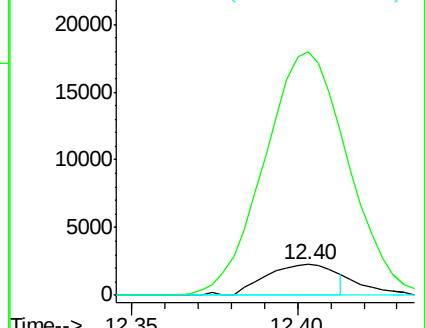
254 0.0 0.2 0.2#



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: VN054106.D

Acq: 5 Mar 2019 18:22

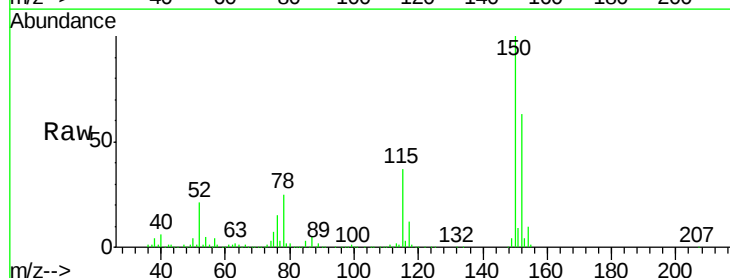
Tgt Ion:152 Resp: 420460

Ion Ratio Lower Upper

152 100

115 58.8 27.2 81.6

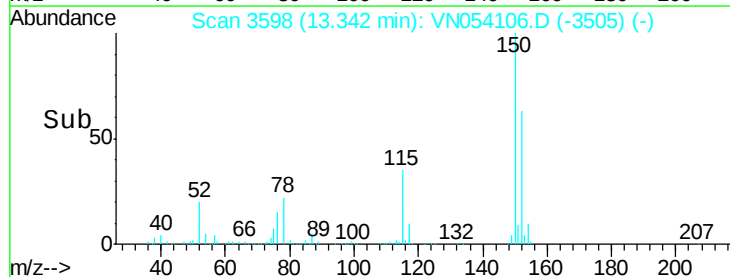
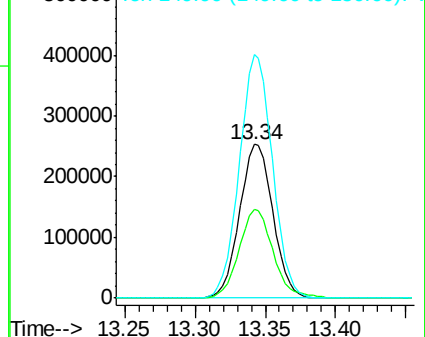
150 157.2 0.0 348.2

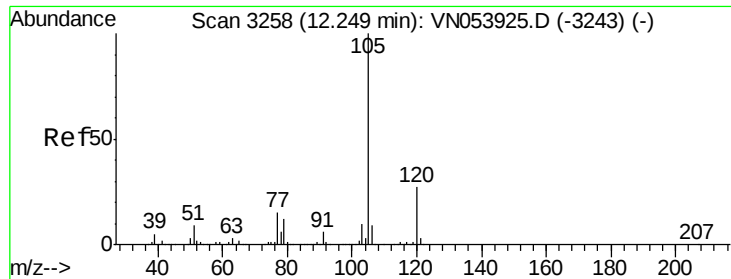


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.253 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampled :

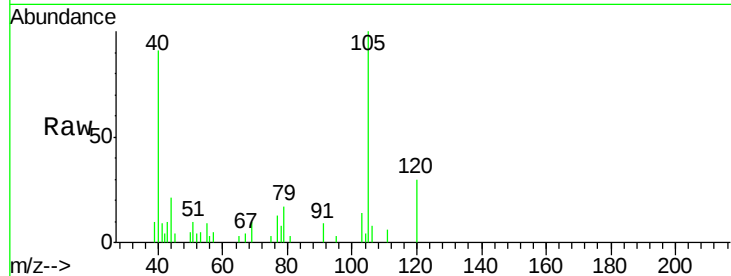
MW-11DL

Tot Ion:105 Resp: 8278

Ion Ratio Lower Upper

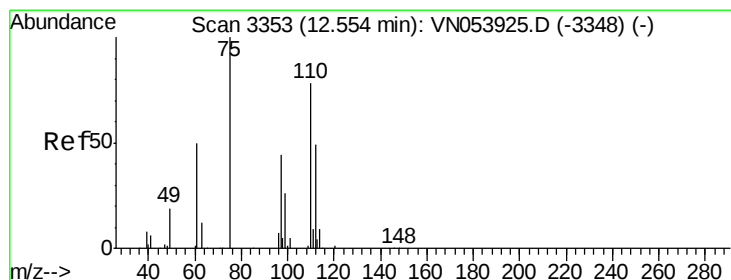
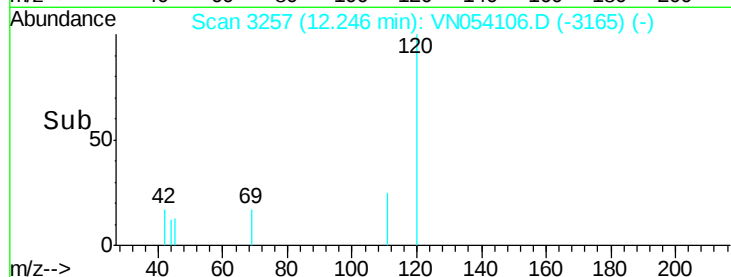
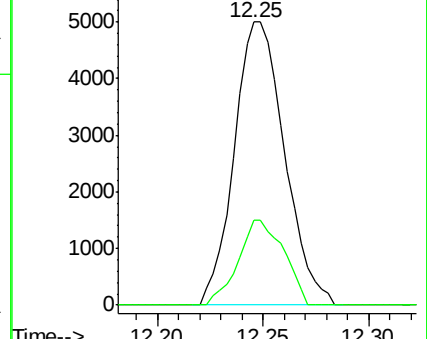
105 100

120 27.1 13.5 40.5



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: 35.027 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054106.D

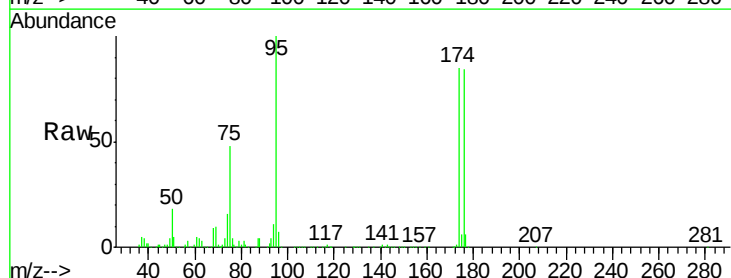
Acq: 5 Mar 2019 18:22

Tgt Ion: 75 Resp: 236255

Ion Ratio Lower Upper

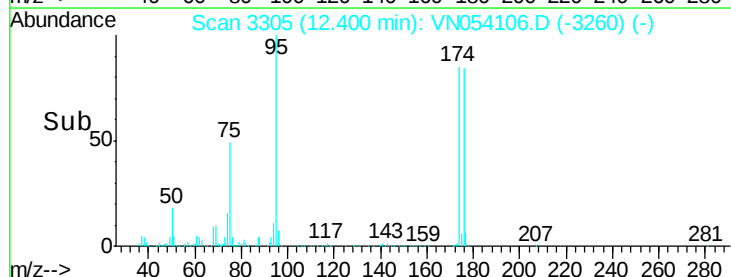
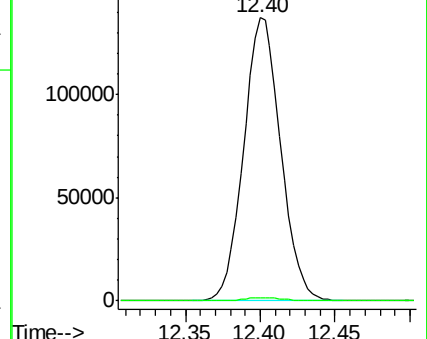
75 100

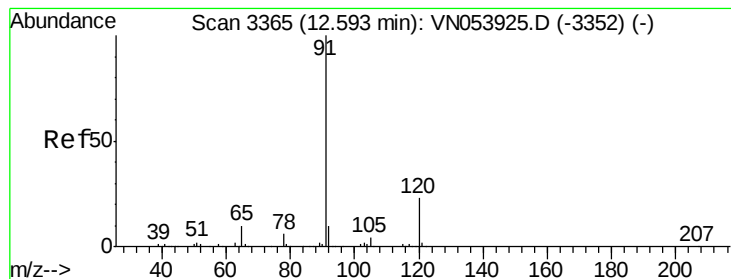
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.657 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampleID :

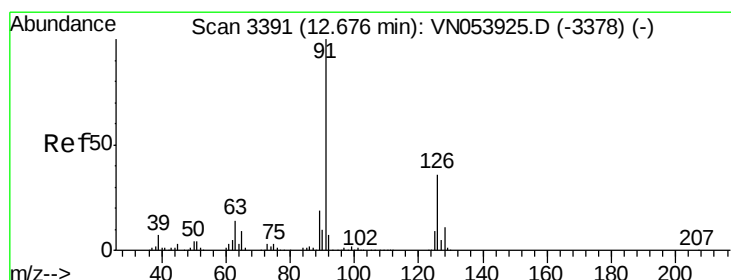
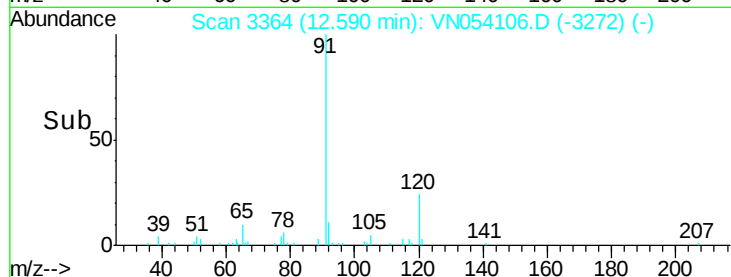
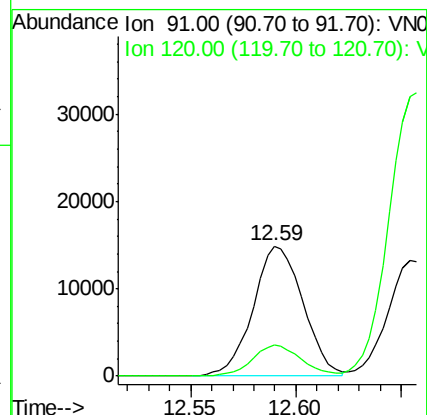
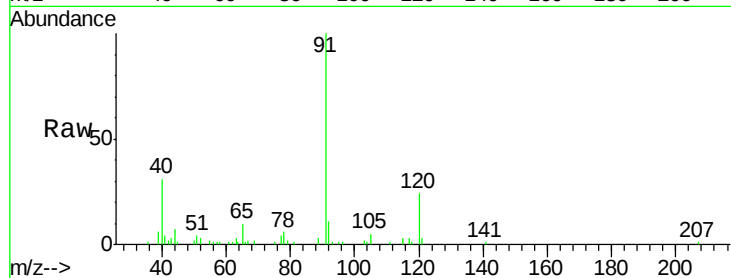
MW-11DL

Tot Ion: 91 Resp: 24460

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9



#79

2-Chlorotoluene

Concen: 1.490 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054106.D

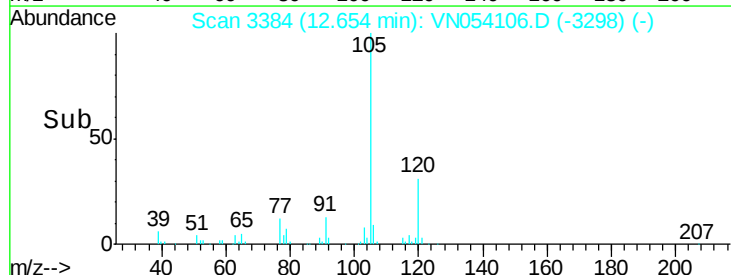
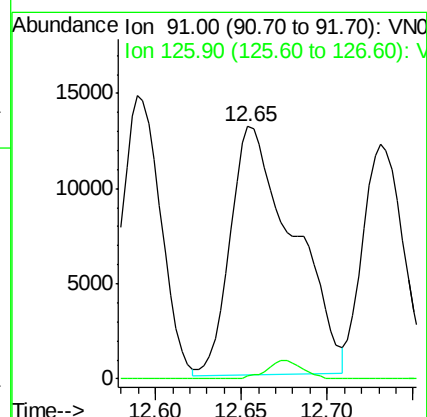
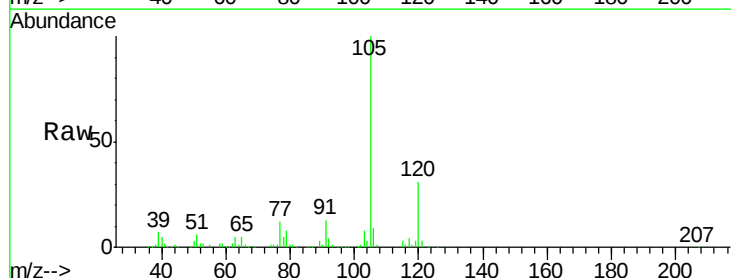
Acq: 5 Mar 2019 18:22

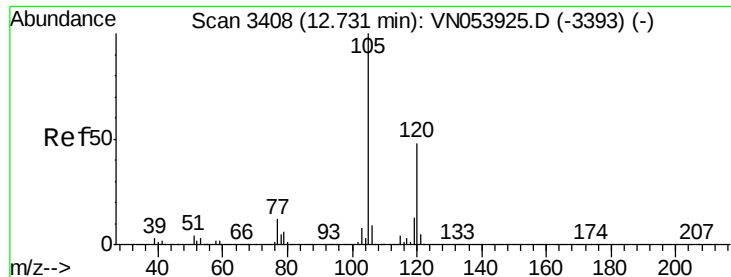
Tgt Ion: 91 Resp: 33328

Ion Ratio Lower Upper

91 100

126 4.2 18.1 54.4#





#80

1,3,5-Trimethylbenzene

Concen: 7.676 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampled :

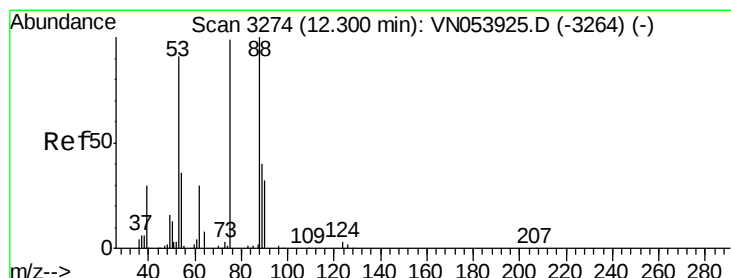
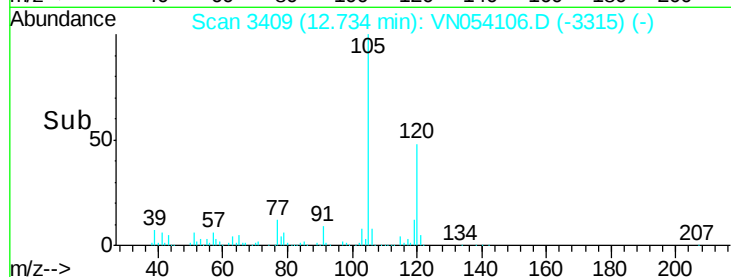
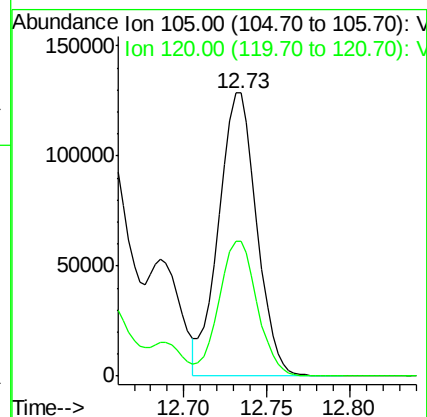
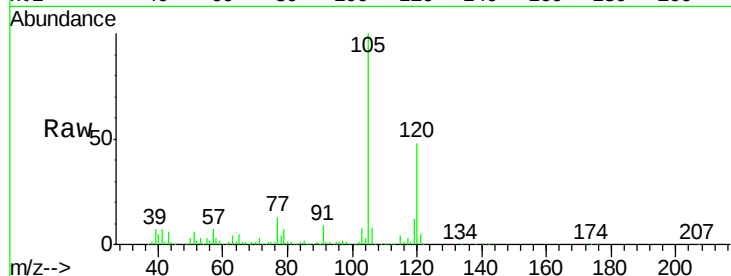
MW-11DL

Tot Ion:105 Resp: 205681

Ion Ratio Lower Upper

105 100

120 47.9 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 110.707 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

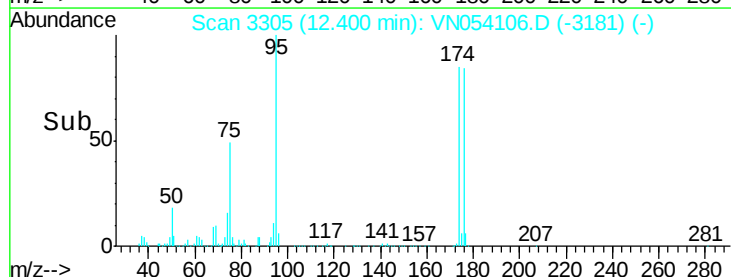
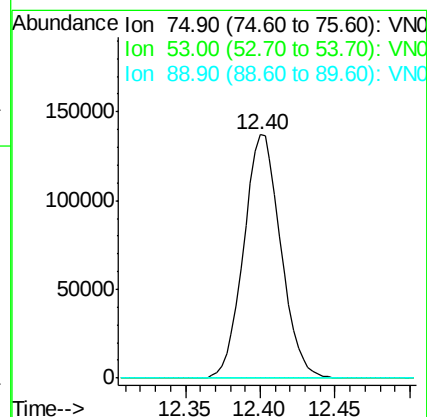
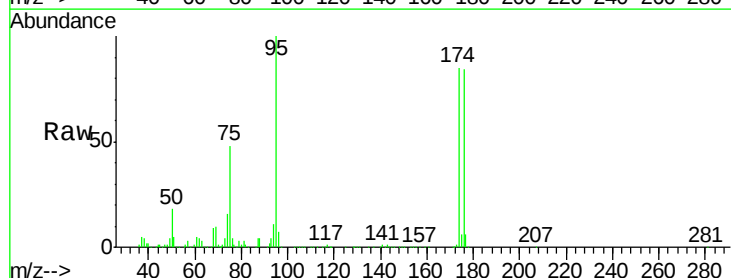
Tgt Ion: 75 Resp: 236255

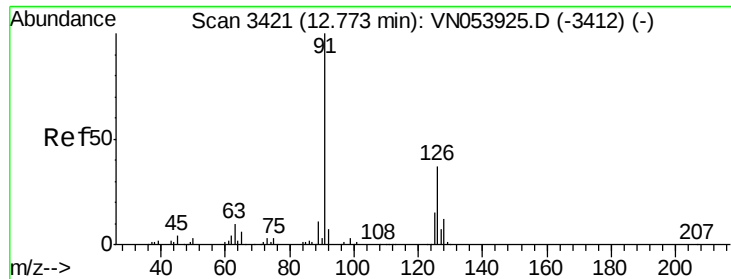
Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

89 0.0 35.3 52.9#

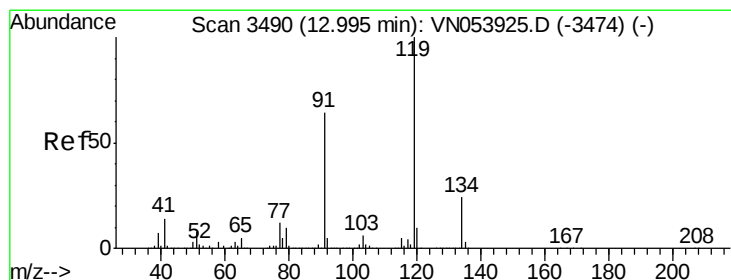
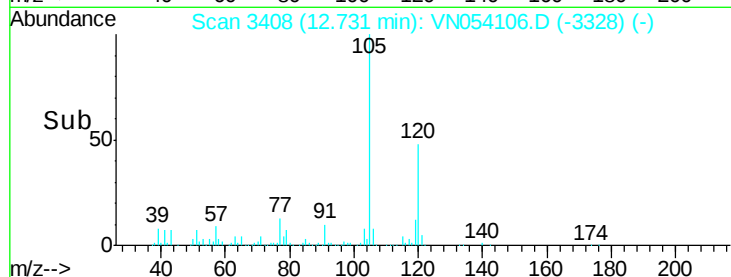
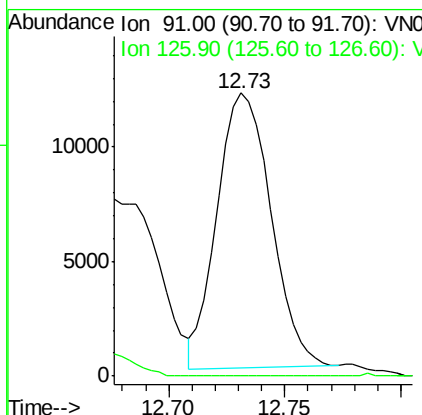
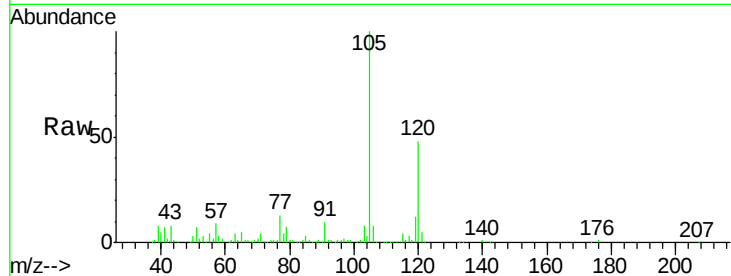




#82
4-Chlorotoluene
Concen: 0.881 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

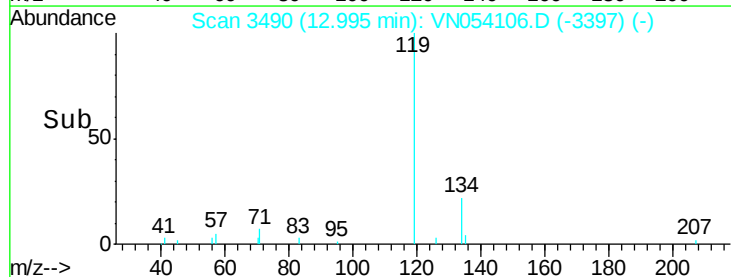
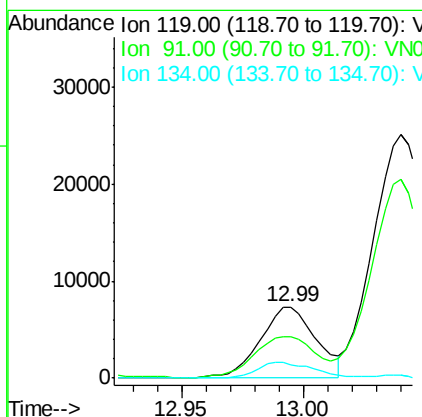
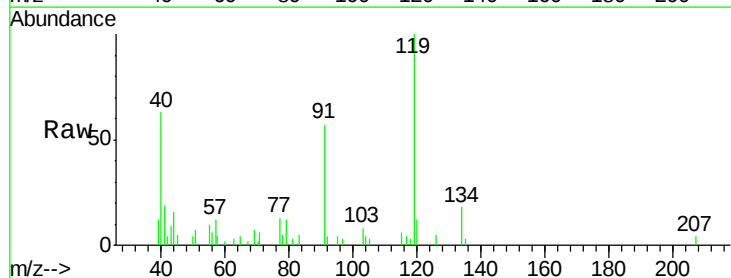
Instrument :
MSVOA_N
ClientSampleId :
MW-11DL

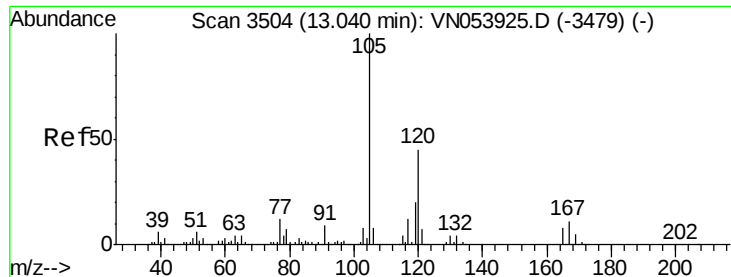
Tot Ion: 91 Resp: 19460
Ion Ratio Lower Upper
91 100
126 0.0 18.0 54.0#



#83
tert-Butylbenzene
Concen: 0.492 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

Tgt Ion: 119 Resp: 11658
Ion Ratio Lower Upper
119 100
91 64.1 30.6 91.8
134 22.4 13.0 39.0

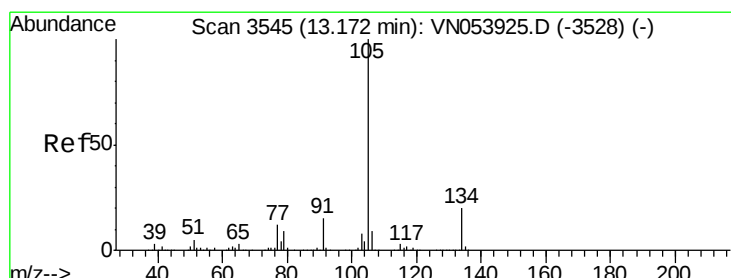
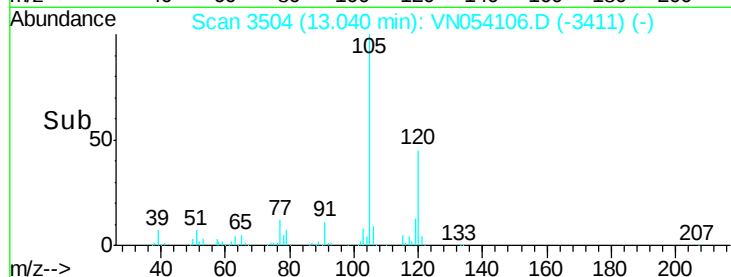
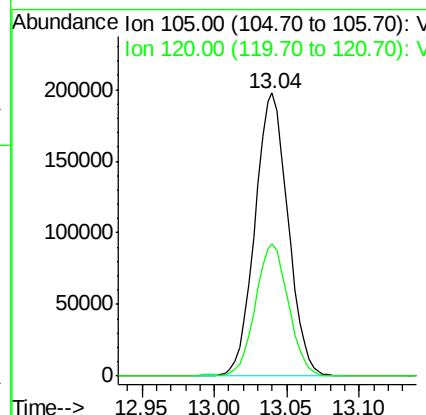
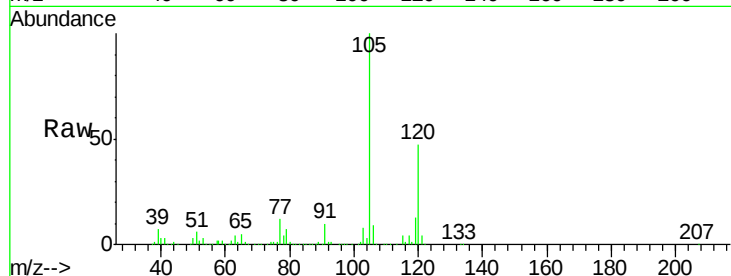




#84
 1,2,4-Trimethylbenzene
 Concen: 11.762 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

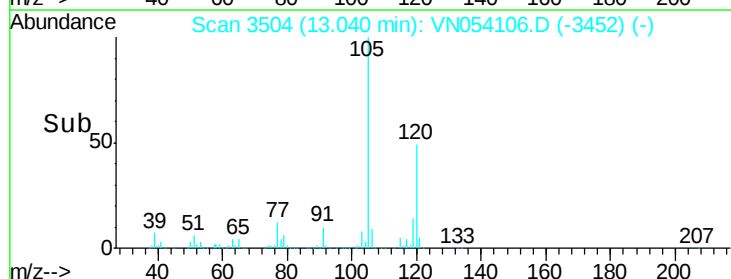
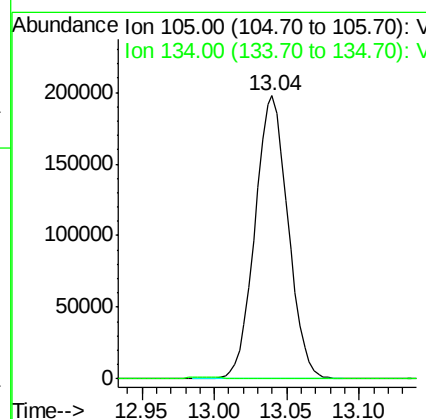
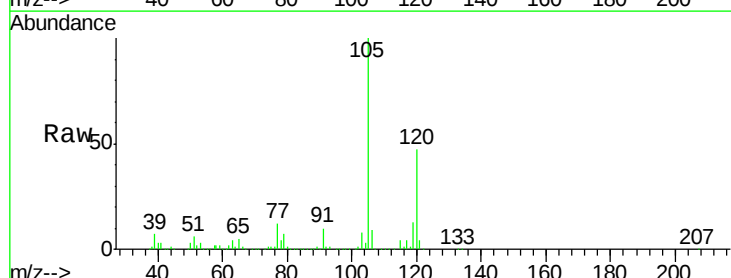
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11DL

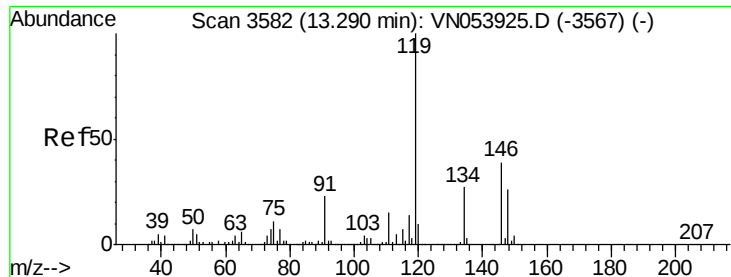
Tot Ion:105 Resp: 314626
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 9.720 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

Tgt Ion:105 Resp: 314626
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.4 31.1#

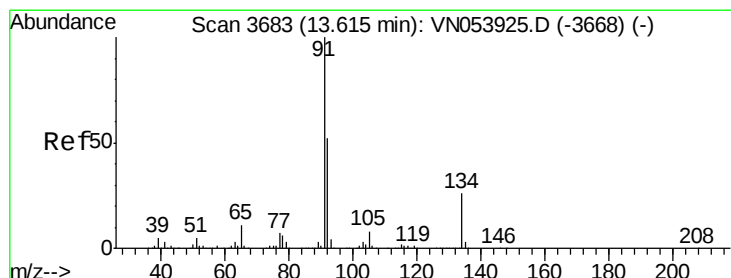
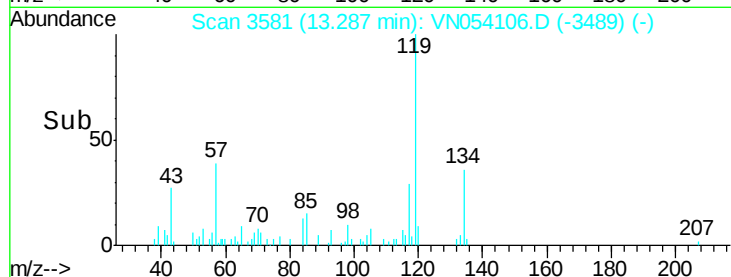
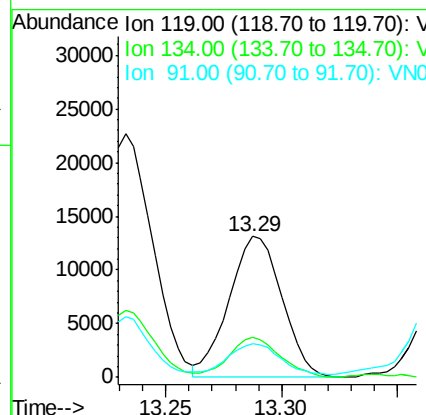
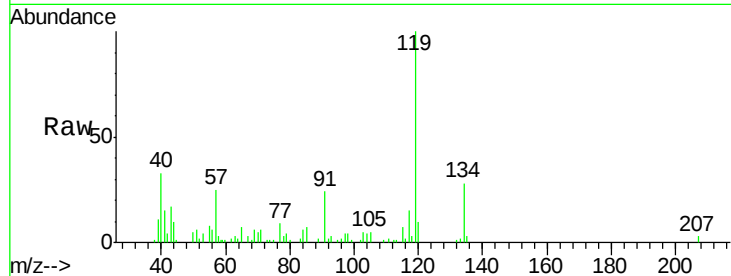




#86
 p-Isopropyltoluene
 Concen: 0.764 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

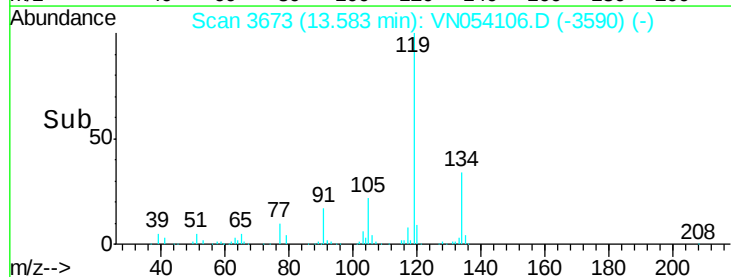
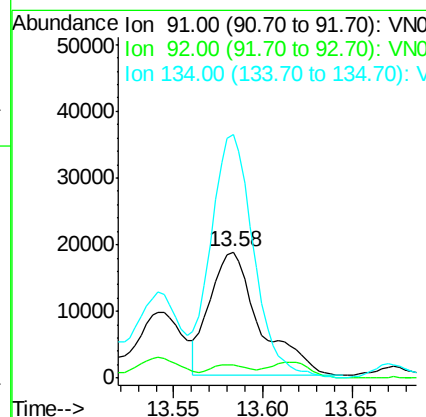
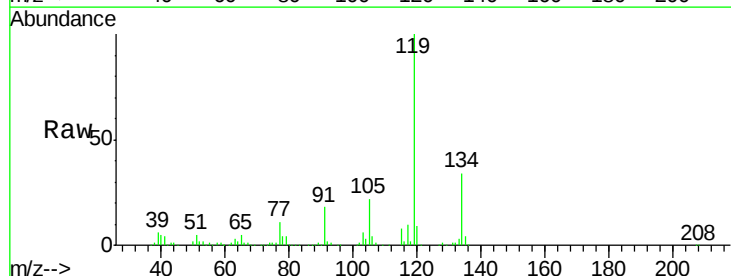
Instrument :
 MSVOA_N
 ClientSampled :
 MW-11DL

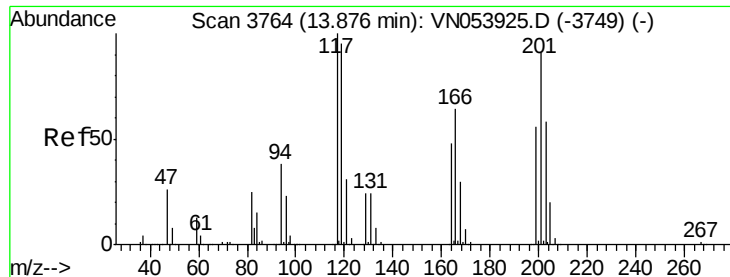
Tot Ion:119 Resp: 20901
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.4
 91 20.8 10.9 32.6



#89
 n-Butylbenzene
 Concen: 1.562 ug/l
 RT: 13.58 min Scan# 3673
 Delta R.T. -0.03 min
 Lab File: VN054106.D
 Acq: 5 Mar 2019 18:22

Tgt Ion: 91 Resp: 36014
 Ion Ratio Lower Upper
 91 100
 92 8.6 26.1 78.2#
 134 171.6 13.6 40.8#





#90

Hexachloroethane

Concen: 2.475 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

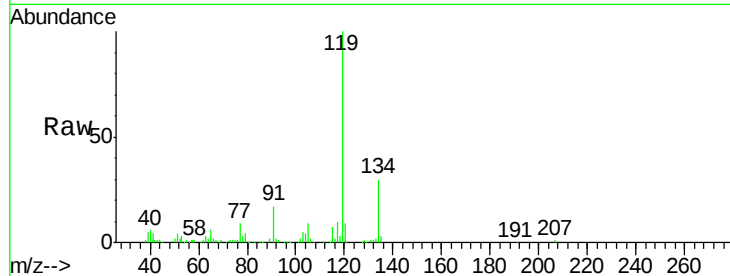
MW-11DL

Tot Ion:117 Resp: 13125

Ion Ratio Lower Upper

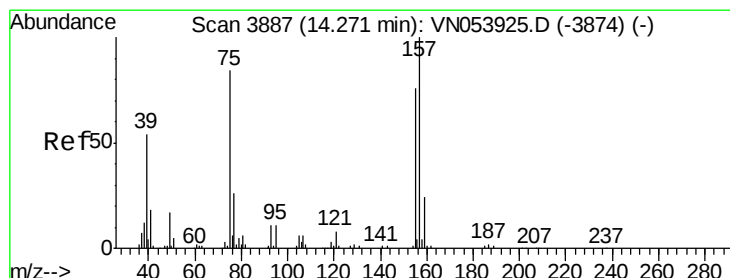
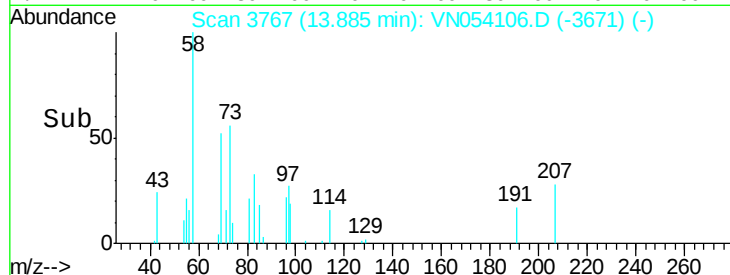
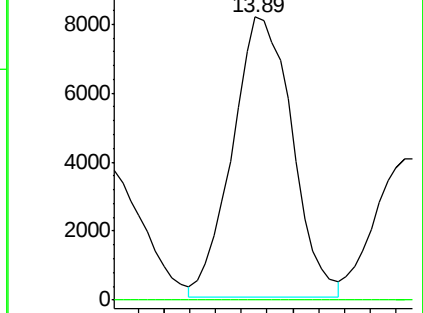
117 100

201 0.0 48.0 144.2#



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: 0.777 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.03 min

Lab File: VN054106.D

Acq: 5 Mar 2019 18:22

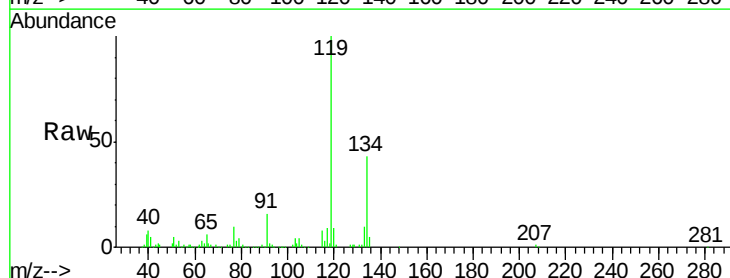
Tgt Ion: 75 Resp: 899

Ion Ratio Lower Upper

75 100

155 0.0 49.5 148.5#

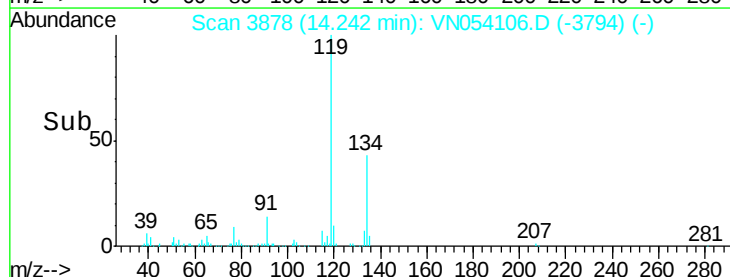
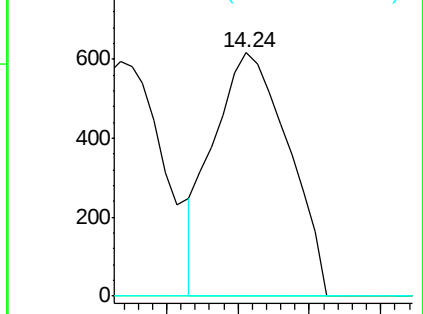
157 0.0 64.8 194.6#

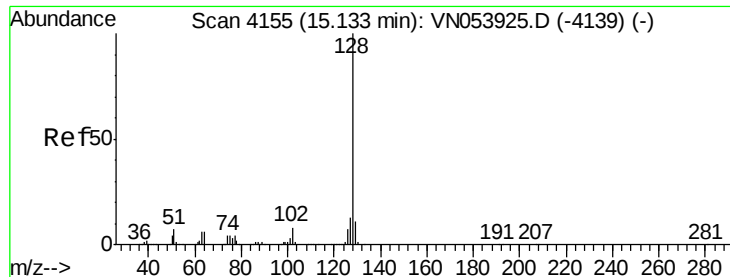


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

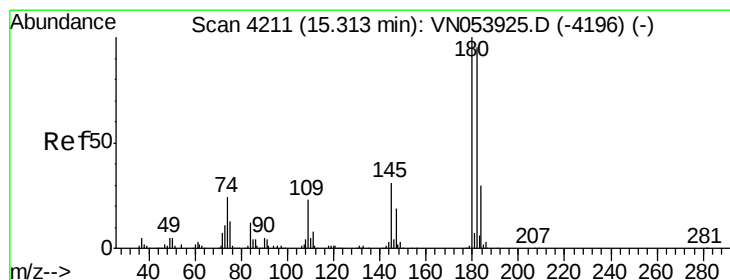
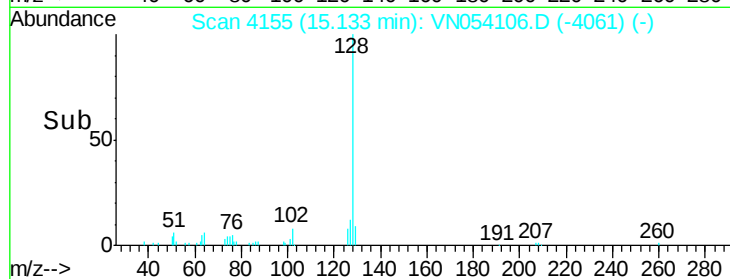
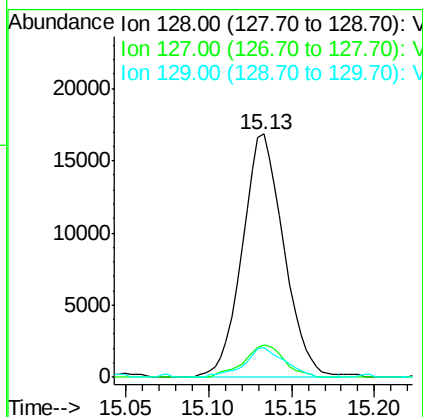
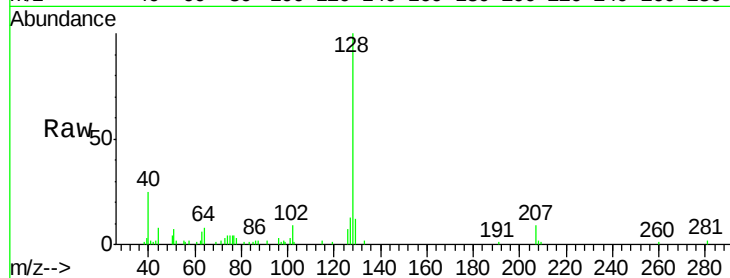




#95
Naphthalene
Concen: 4.860 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

Instrument :
MSVOA_N
ClientSampleId :
MW-11DL

Tot Ion:128 Resp: 29325
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.567 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN054106.D
Acq: 5 Mar 2019 18:22

Tgt Ion:180 Resp: 69
Ion Ratio Lower Upper
180 100
182 100.0 47.3 141.8
145 517.4 14.4 43.0#

