

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054100.D
 Acq On : 5 Mar 2019 15:41
 Operator : JC/SP
 Sample : K1727-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Mar 06 02:21:30 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	600203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1079272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1054768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	369865	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	368354	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
35) Dibromofluoromethane	7.59	113	344701	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
50) Toluene-d8	10.09	98	1364757	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.40	95	450756	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	

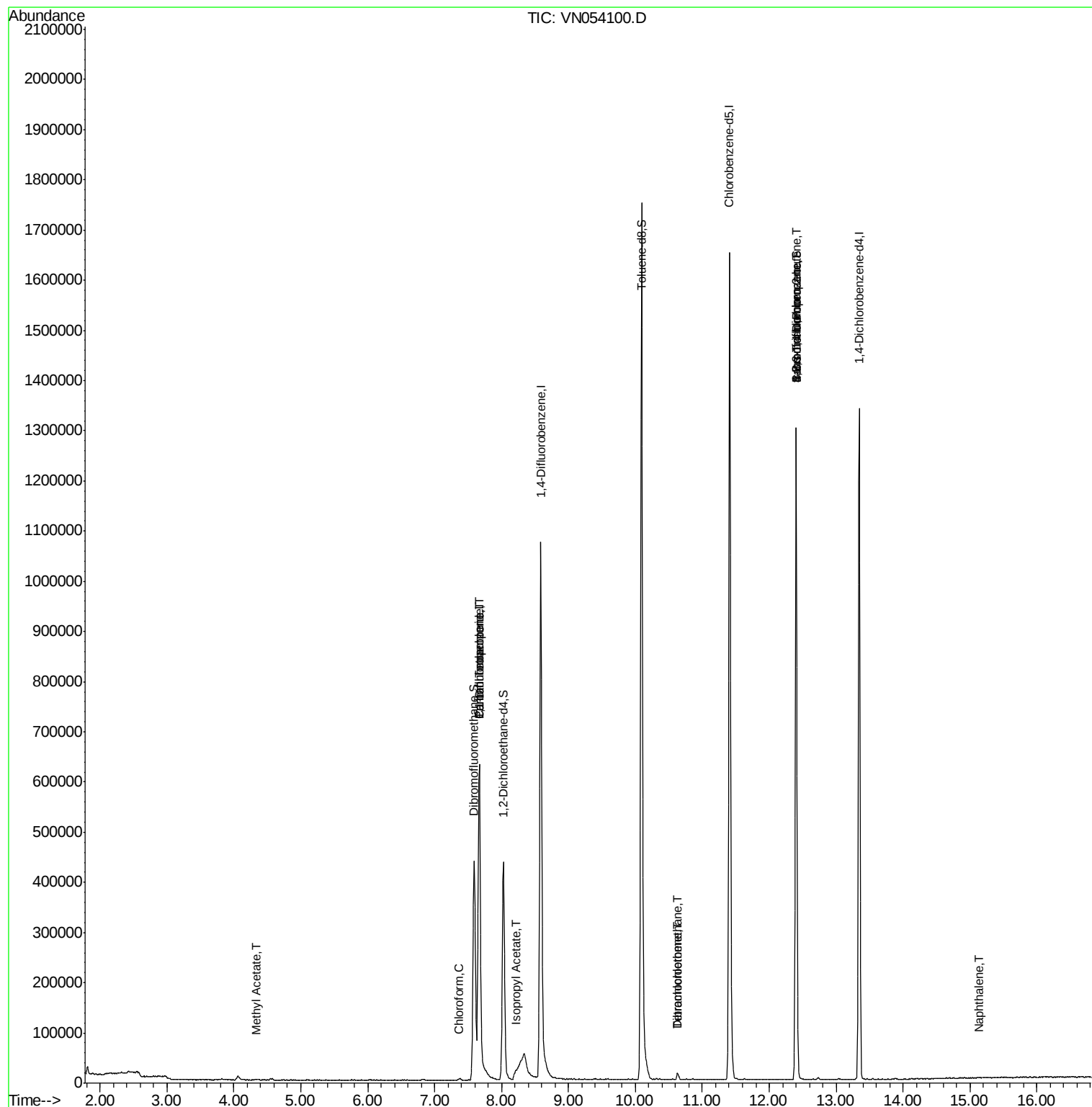
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	4347	Below Cal	#	81
18) Methyl Acetate	4.33	43	2308	0.469	ug/l #	67
30) Chloroform	7.37	83	4192	0.352	ug/l	86
31) Cyclohexane	7.74	56	438	Below Cal		97
36) 1,1-Dichloropropene	7.67	75	39181	3.904	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51644	4.947	ug/l #	17
43) Isopropyl Acetate	8.21	43	13012	1.075	ug/l #	58
60) Dibromochloromethane	10.63	129	2796	0.371	ug/l #	11
64) Tetrachloroethene	10.63	164	3238	0.363	ug/l	92
71) Bromoform	12.40	173	3841	0.688	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	220196	37.112	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	220196	117.297	ug/l #	15
95) Naphthalene	15.13	128	233	3.227	ug/l #	70

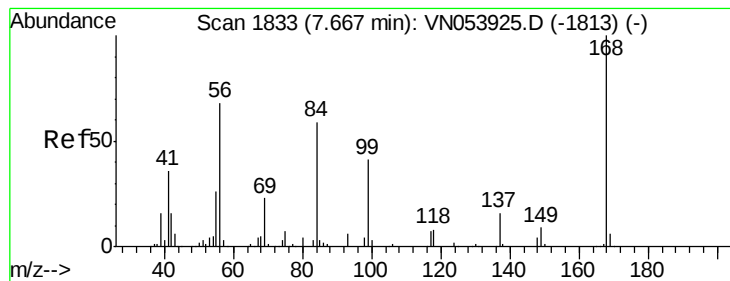
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030519\
Data File : VN054100.D
Acq On : 5 Mar 2019 15:41
Operator : JC/SP
Sample : K1727-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Quant Time: Mar 06 02:21:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054100.D

Acq: 5 Mar 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

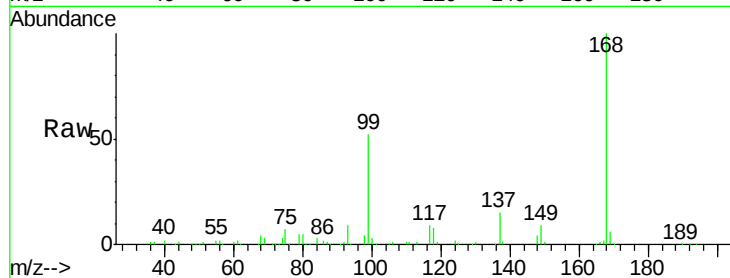
MW-8

Tot Ion:168 Resp: 600203

Ion Ratio Lower Upper

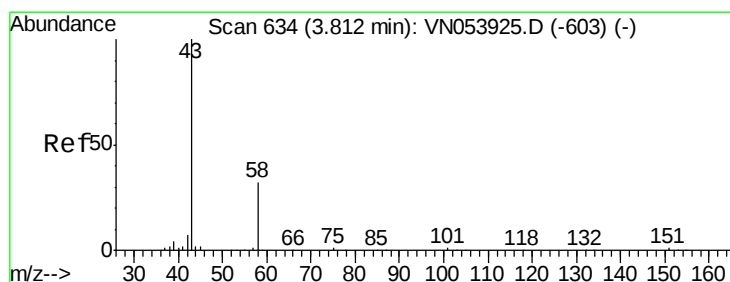
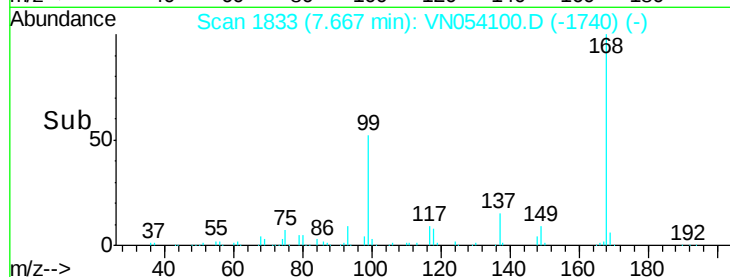
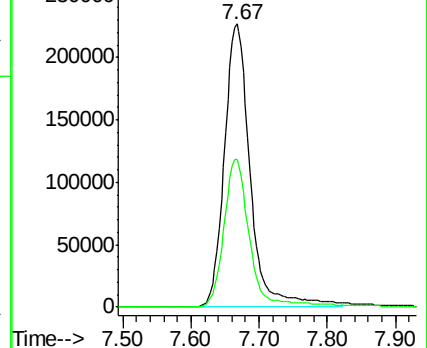
168 100

99 52.2 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN054100.D

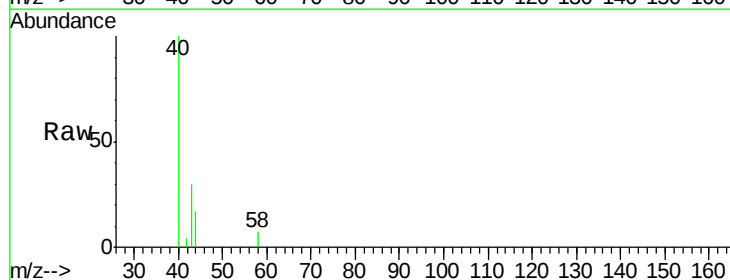
Acq: 5 Mar 2019 15:41

Tgt Ion: 43 Resp: 4347

Ion Ratio Lower Upper

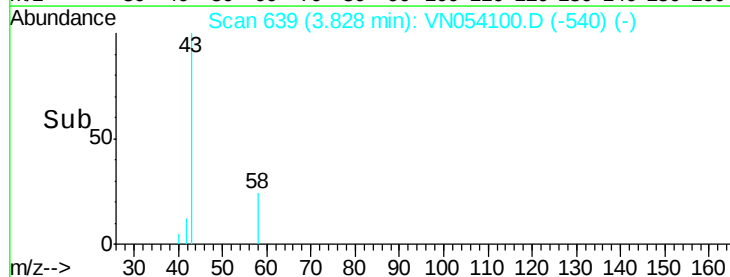
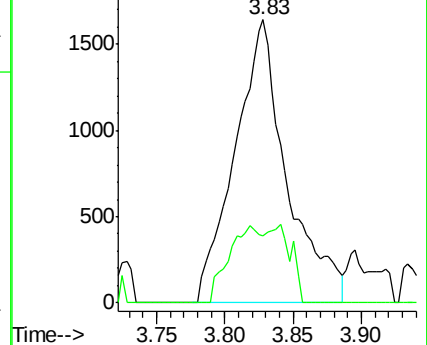
43 100

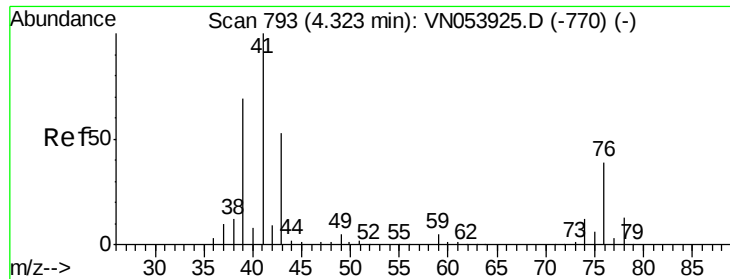
58 23.6 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

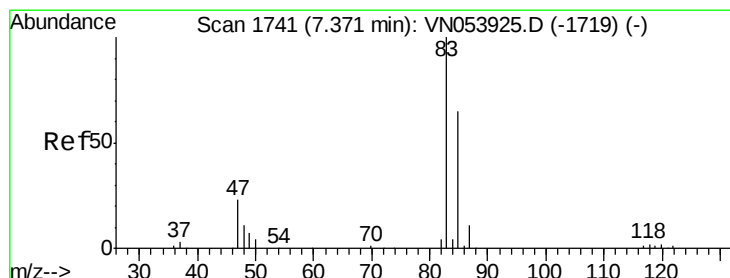
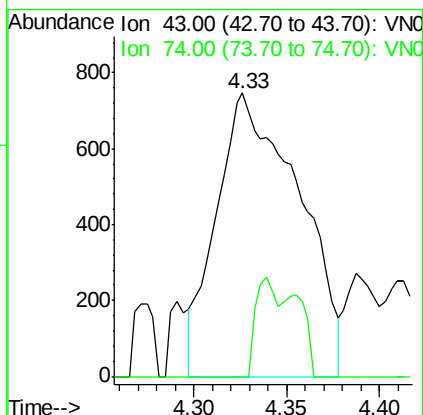
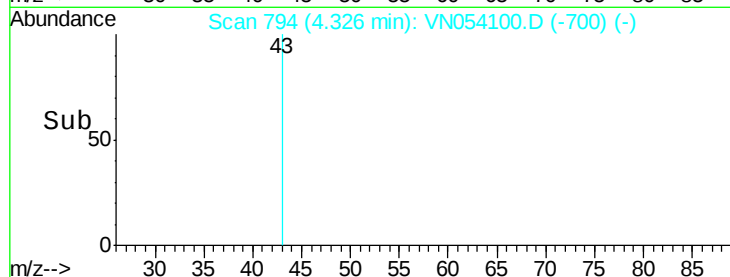
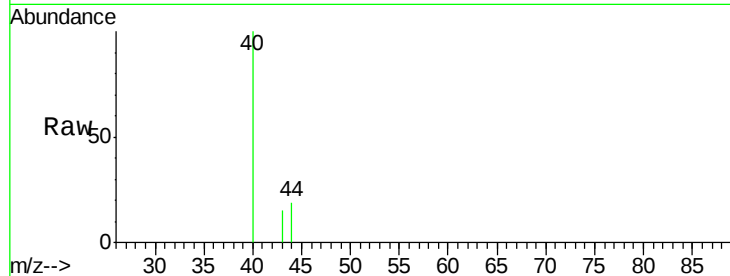




#18
Methyl Acetate
Concen: 0.469 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

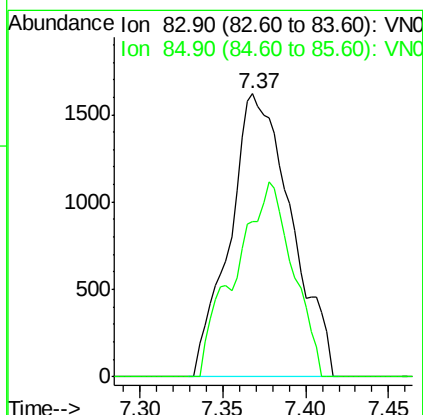
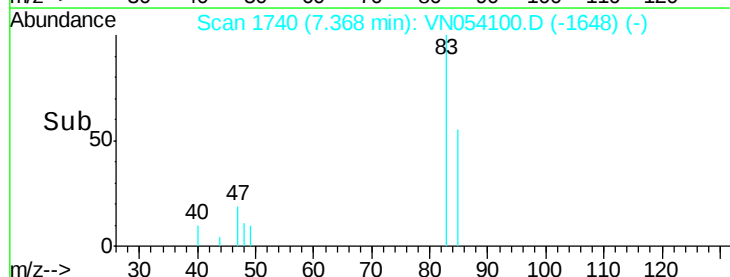
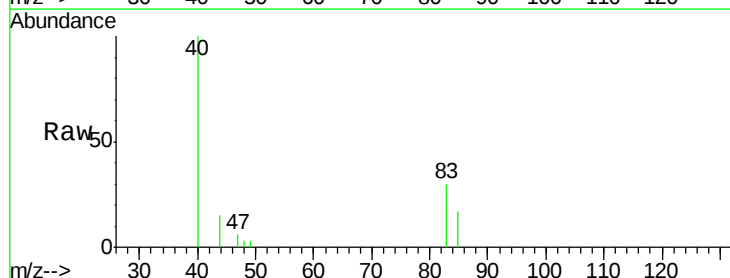
Instrument :
MSVOA_N
ClientSampled :
MW-8

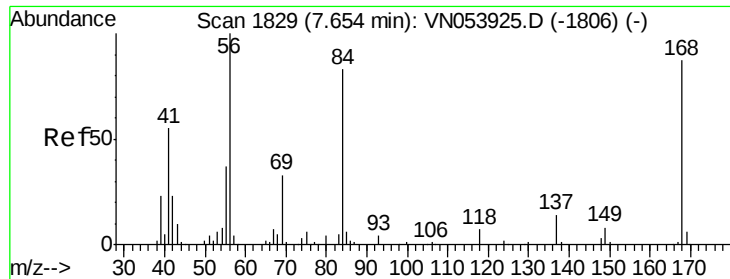
Tot Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
74 9.1 20.5 30.7#



#30
Chloroform
Concen: 0.352 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Tgt Ion: 83 Resp: 4192
Ion Ratio Lower Upper
83 100
85 54.7 52.6 78.8

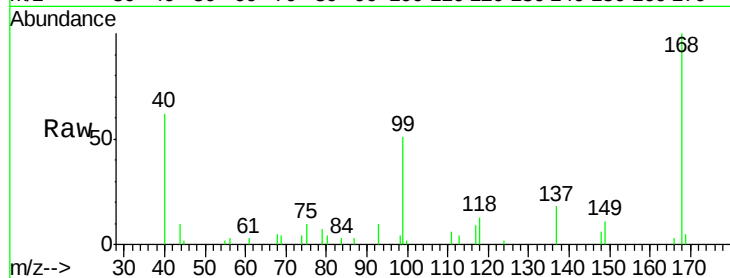




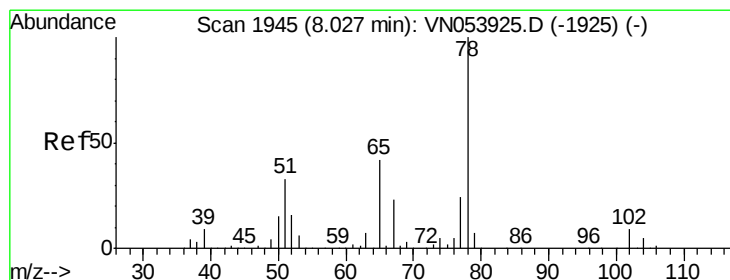
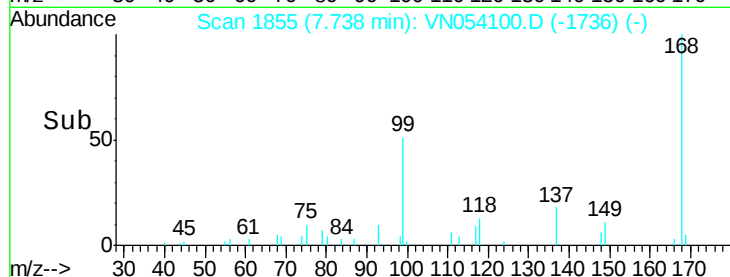
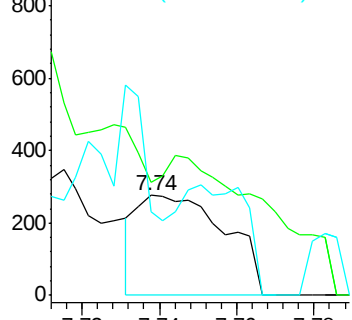
#31
Cyclohexane
Concen: Below Cal
RT: 7.74 min Scan# 1855
Delta R.T. 0.08 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Instrument :
MSVOA_N
ClientSampled :
MW-8

Tot Ion: 56 Resp: 438
Ion Ratio Lower Upper
56 100
69 30.3 26.0 39.0
84 83.8 69.1 103.7

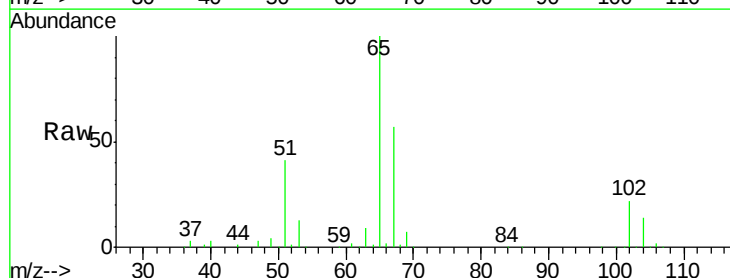


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

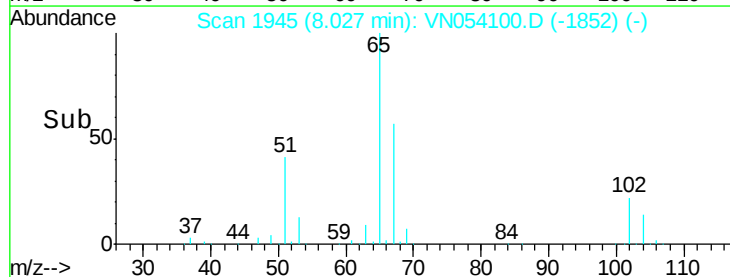
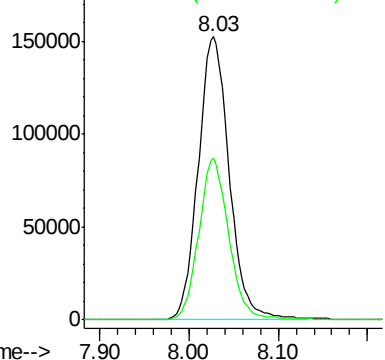


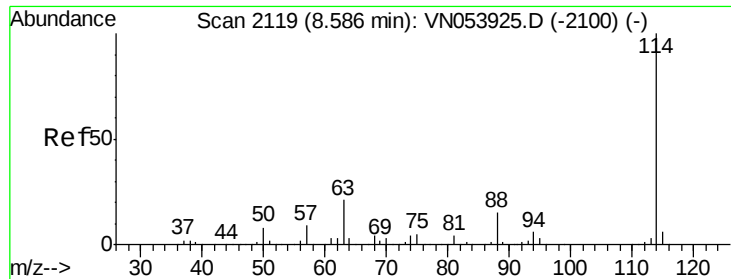
#33
1,2-Dichloroethane-d4
Concen: 52.355 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Tgt Ion: 65 Resp: 368354
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.8



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: VN054100.D

Acq: 5 Mar 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

MW-8

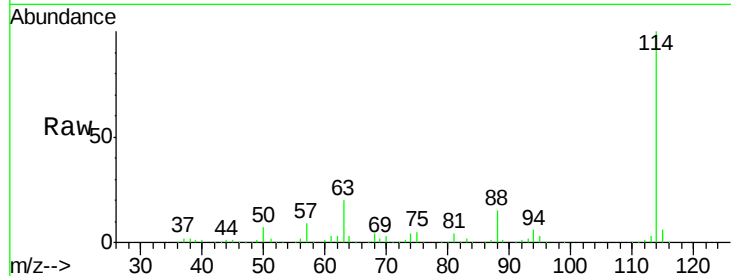
Tot Ion:114 Resp: 1079272

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

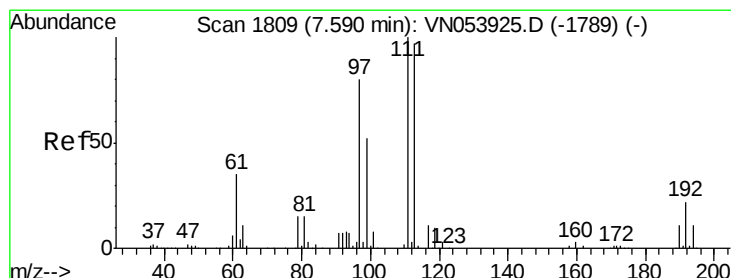
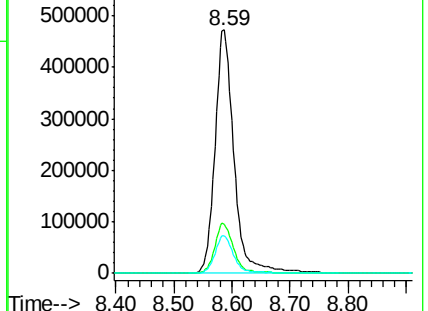
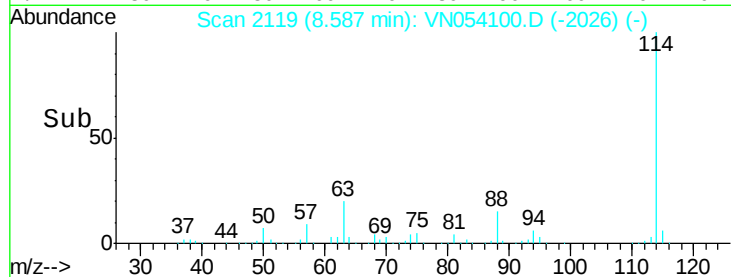
88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.390 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054100.D

Acq: 5 Mar 2019 15:41

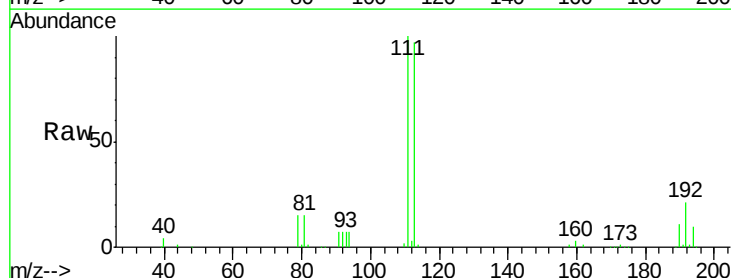
Tgt Ion:113 Resp: 344701

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

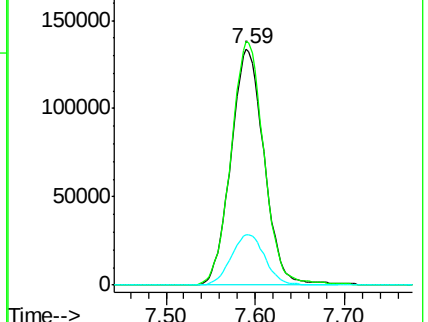
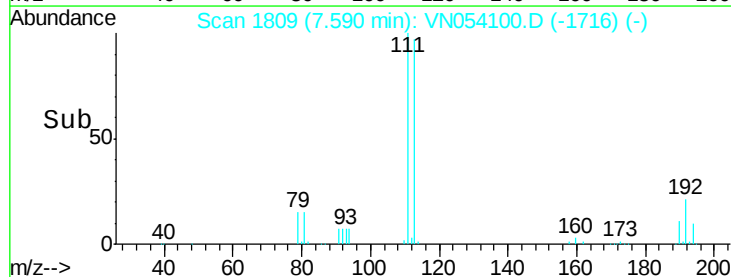
192 21.8 18.8 28.2

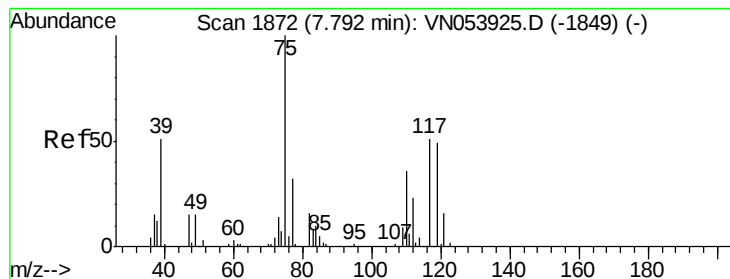


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.904 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN054100.D

Acq: 5 Mar 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

MW-8

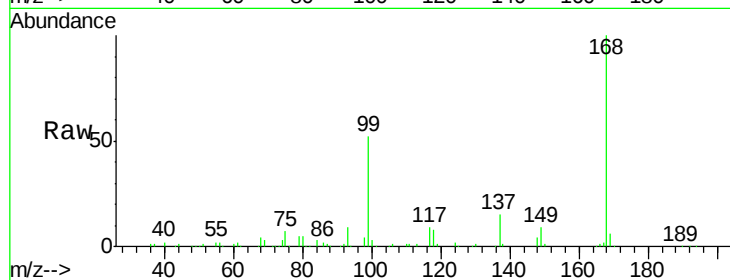
Tot Ion: 75 Resp: 39181

Ion Ratio Lower Upper

75 100

110 8.7 19.0 57.0#

77 0.0 25.4 38.0#

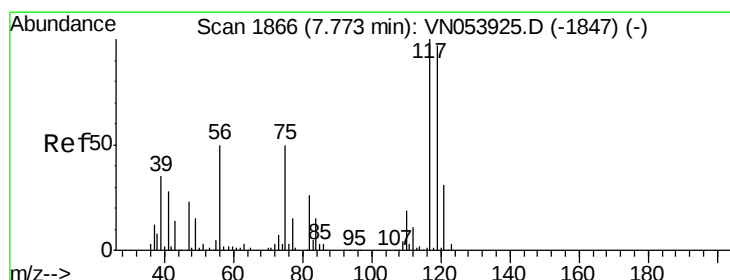
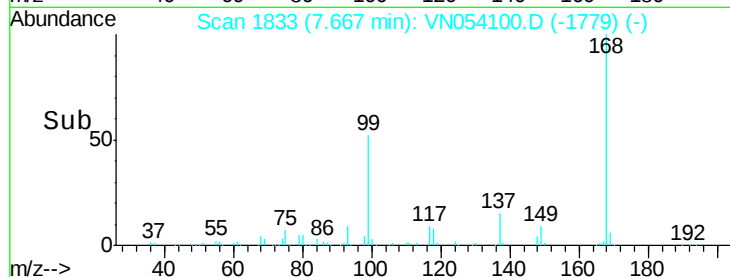


Abundance Ion 74.90 (74.60 to 75.60): VN054100.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN054100.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN054100.D (-1779) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.947 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054100.D

Acq: 5 Mar 2019 15:41

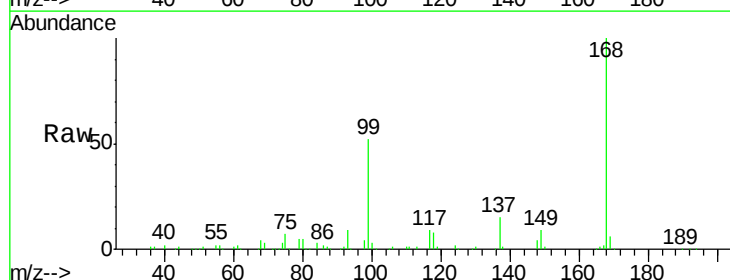
Tgt Ion: 117 Resp: 51644

Ion Ratio Lower Upper

117 100

119 5.8 76.2 114.2#

121 0.0 24.6 36.8#

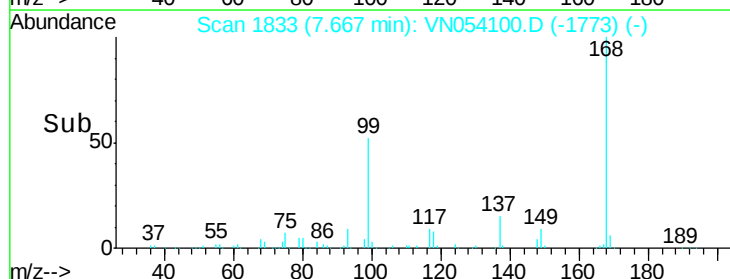


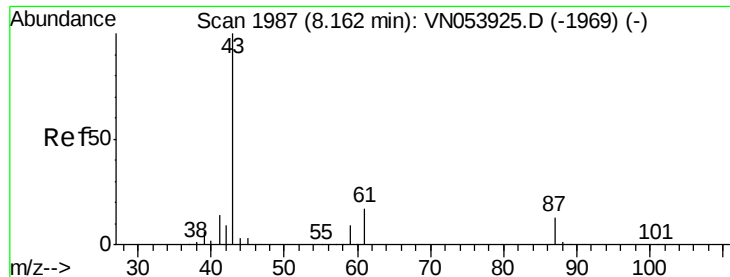
Abundance Ion 116.80 (116.50 to 117.50): VN054100.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054100.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054100.D (-1773) (-)

Time-->

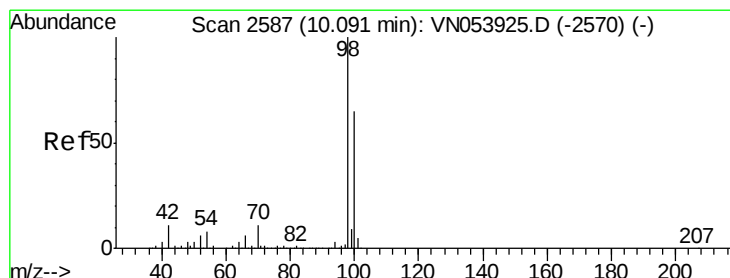
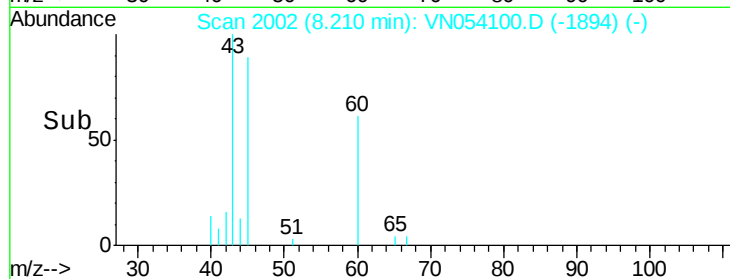
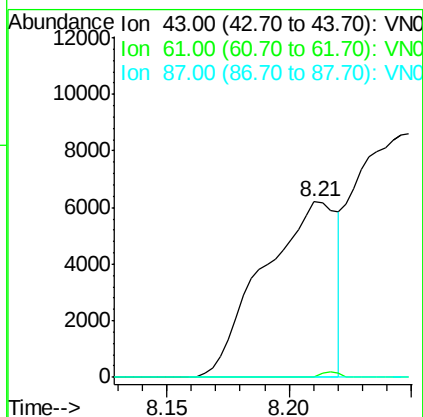
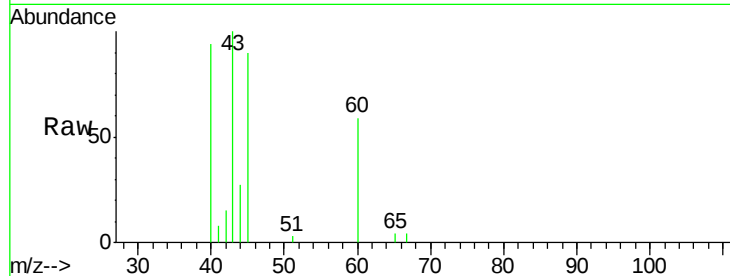




#43
Isopropyl Acetate
Concen: 1.075 ug/l
RT: 8.21 min Scan# 2002
Delta R.T. 0.05 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

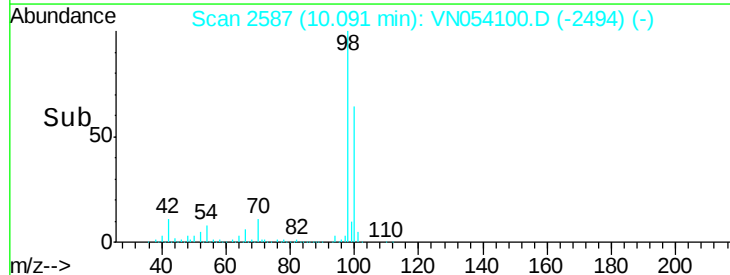
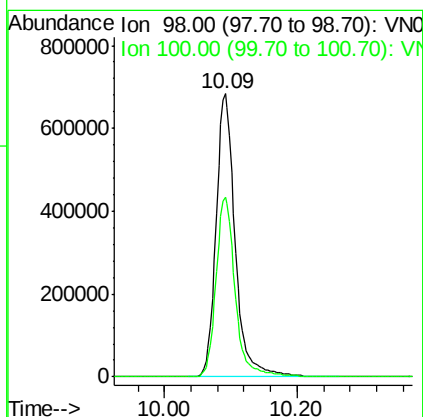
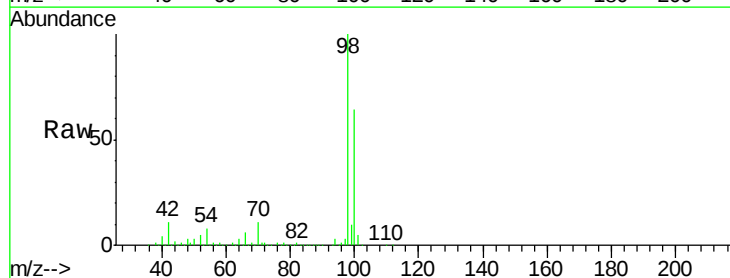
Instrument :
MSVOA_N
ClientSampleId :
MW-8

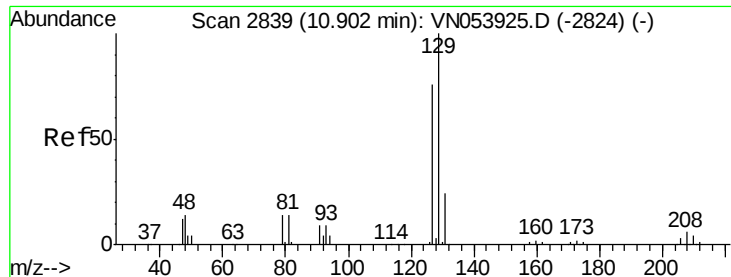
Tot Ion: 43 Resp: 13012
Ion Ratio Lower Upper
43 100
61 0.0 17.4 26.0#
87 0.0 11.5 17.3#



#50
Toluene-d8
Concen: 52.530 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Tgt Ion: 98 Resp: 1364757
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

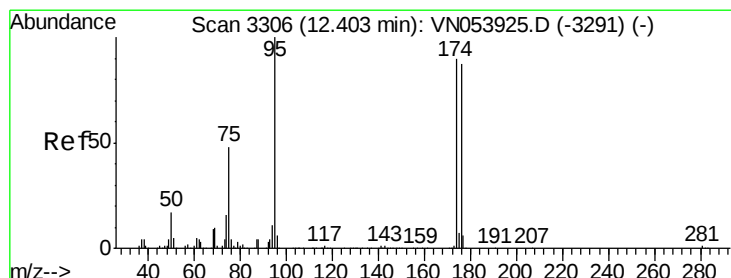
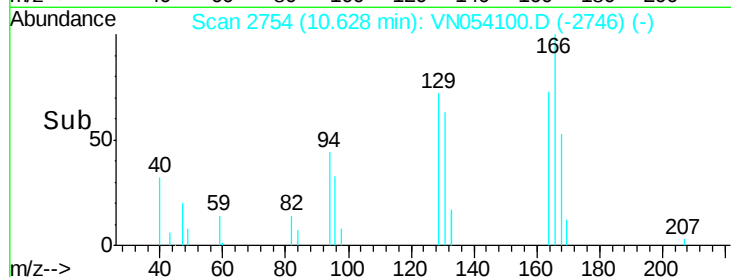
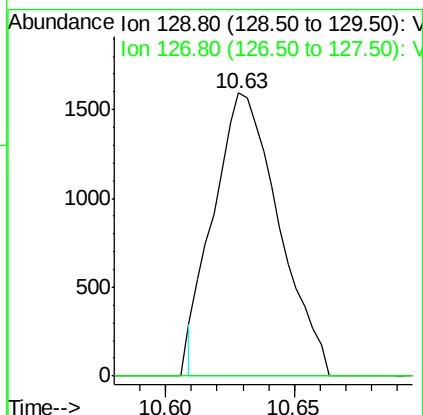
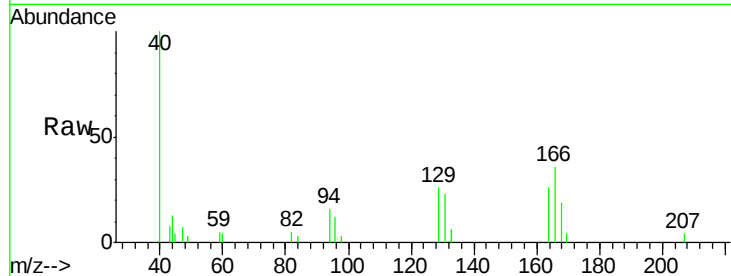




#60
Dibromochloromethane
Concen: 0.371 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

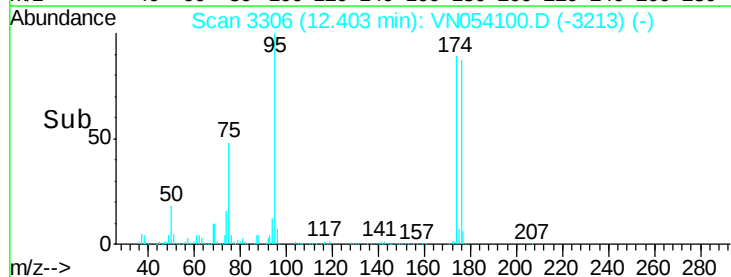
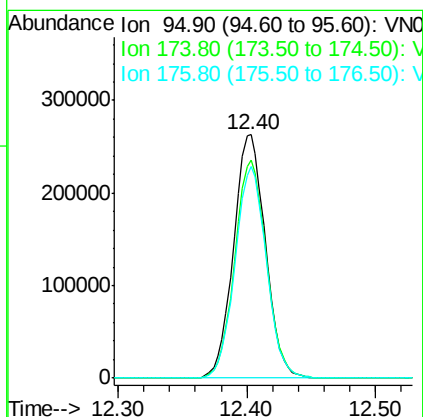
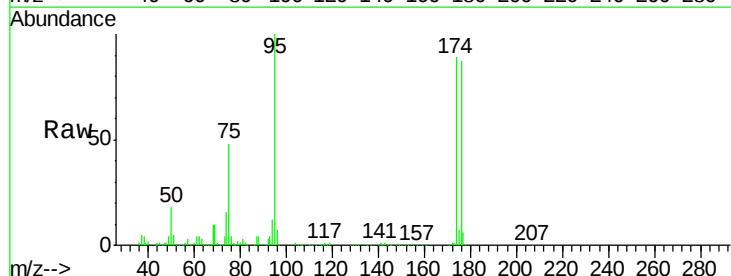
Instrument :
MSVOA_N
ClientSampled :
MW-8

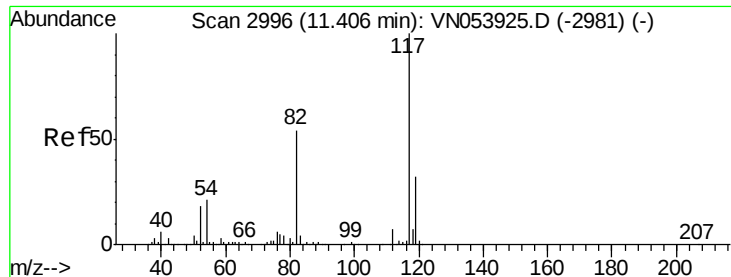
Tot Ion:129 Resp: 2796
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#



#62
4-Bromofluorobenzene
Concen: 52.075 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Tgt Ion: 95 Resp: 450756
Ion Ratio Lower Upper
95 100
174 89.0 0.0 188.8
176 85.6 0.0 182.6

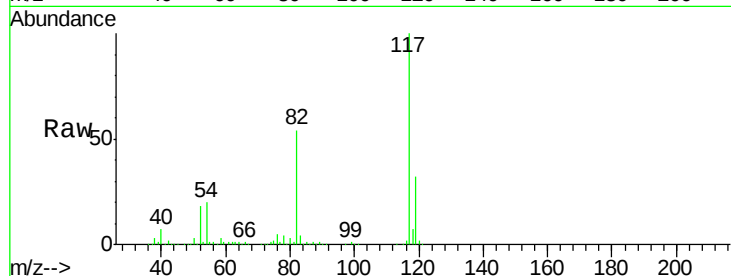




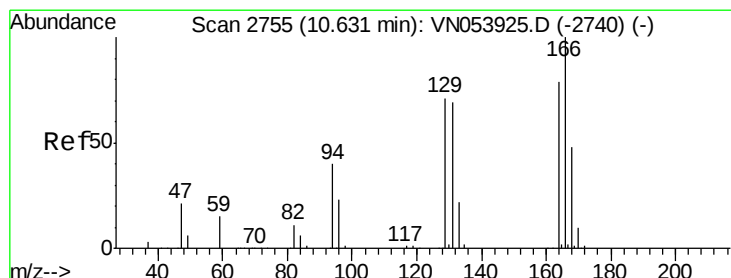
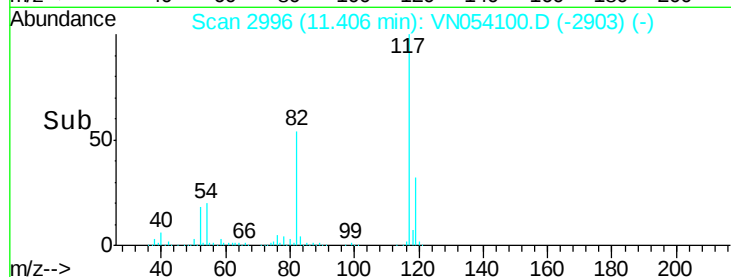
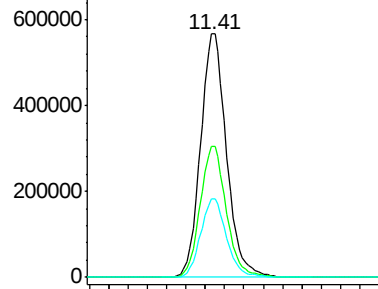
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Instrument :
MSVOA_N
ClientSampled :
MW-8

Tot Ion:117 Resp: 1054768
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.2
119 32.0 25.3 37.9

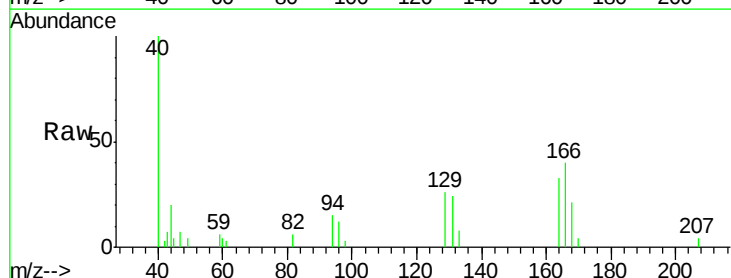


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

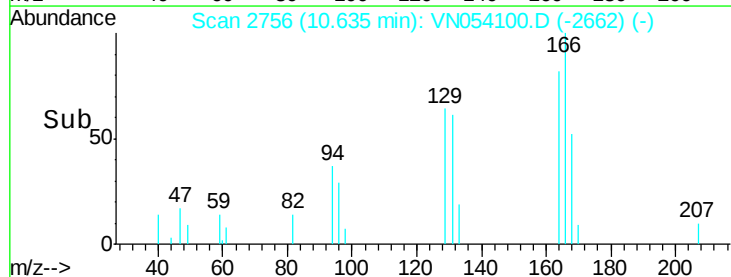
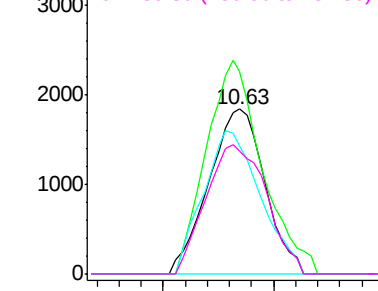


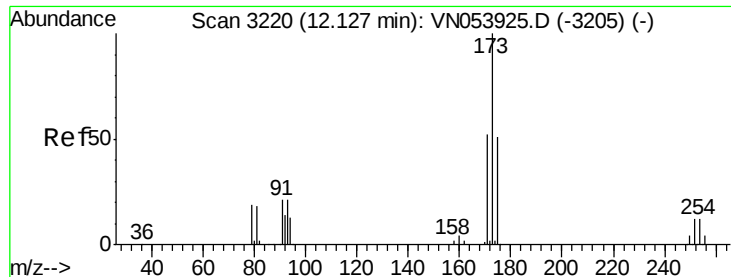
#64
Tetrachloroethene
Concen: 0.363 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Tgt Ion:164 Resp: 3238
Ion Ratio Lower Upper
164 100
166 122.6 102.6 153.8
129 78.0 69.4 104.0
131 74.5 68.1 102.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

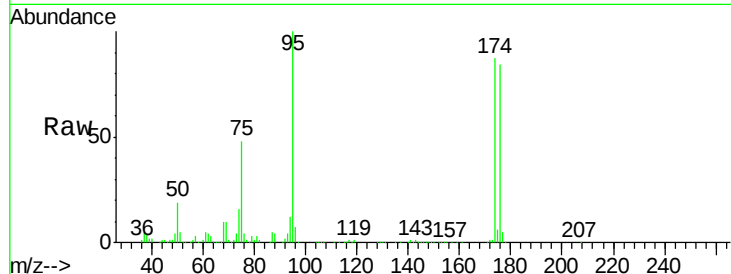




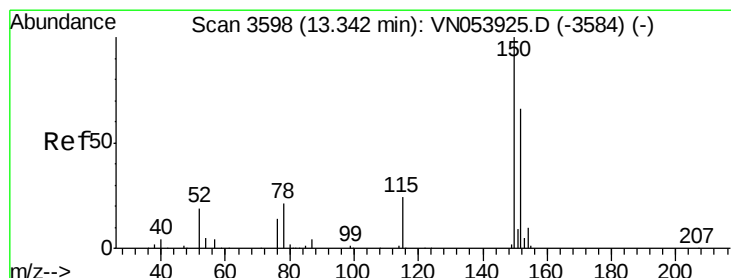
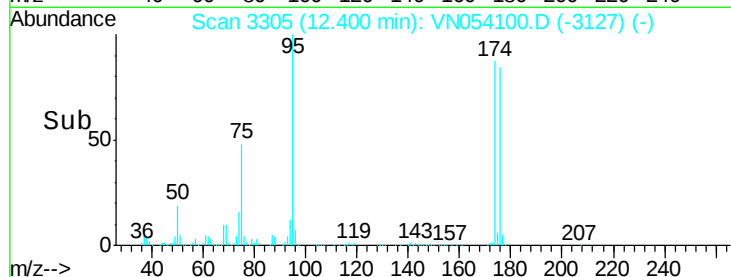
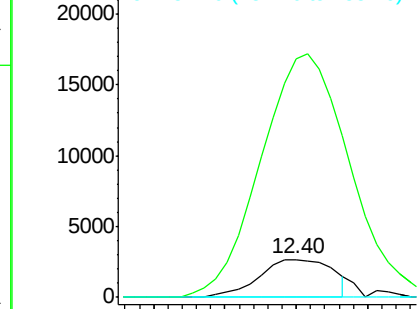
#71
Bromoform
Concen: 0.688 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Instrument :
MSVOA_N
ClientSampled :
MW-8

Tot Ion:173 Resp: 3841
Ion Ratio Lower Upper
173 100
175 651.2 24.3 72.8#
254 0.0 0.2 0.2#

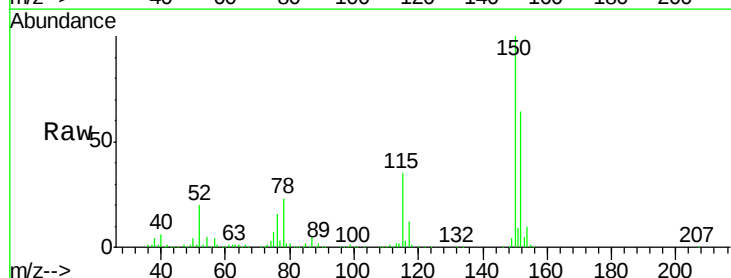


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

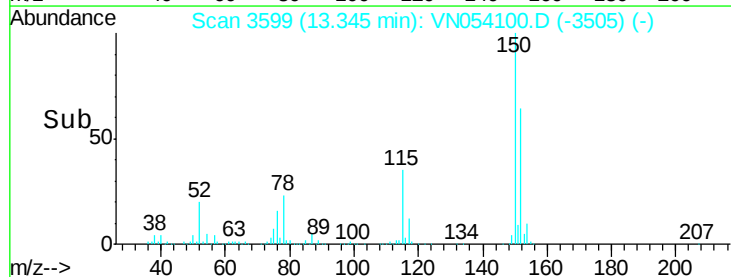
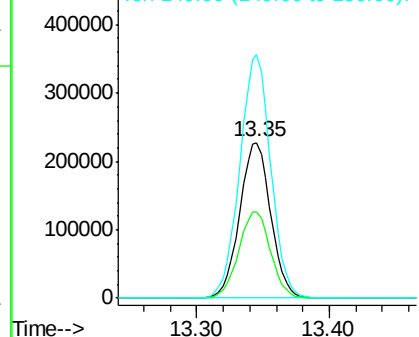


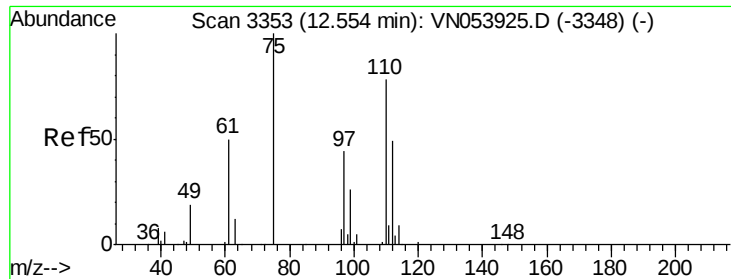
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Tgt Ion:152 Resp: 369865
Ion Ratio Lower Upper
152 100
115 56.7 27.2 81.6
150 155.9 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

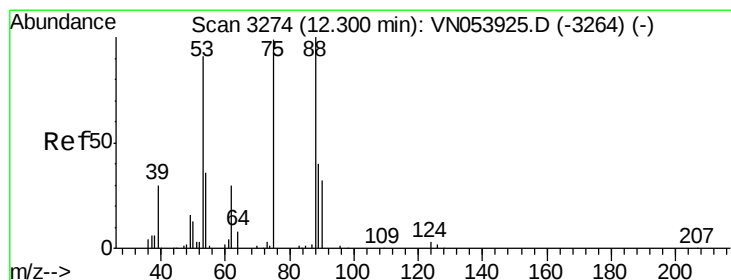
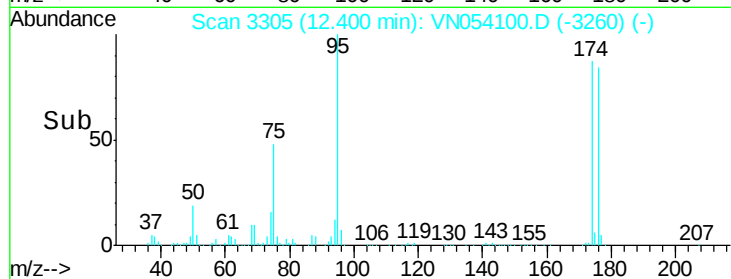
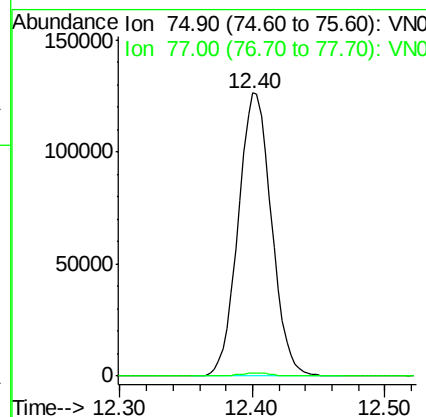
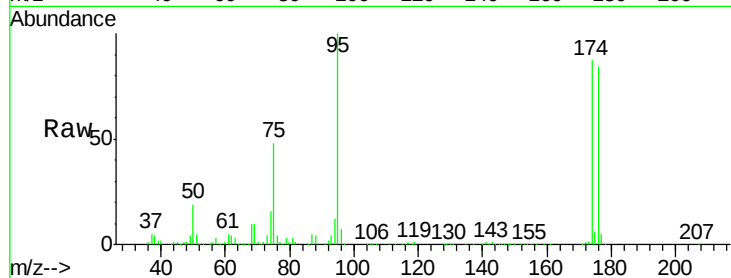




#76
 1,2,3-Trichloropropane
 Concen: 37.112 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054100.D
 Acq: 5 Mar 2019 15:41

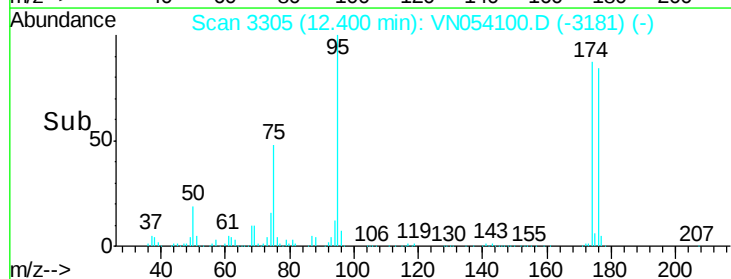
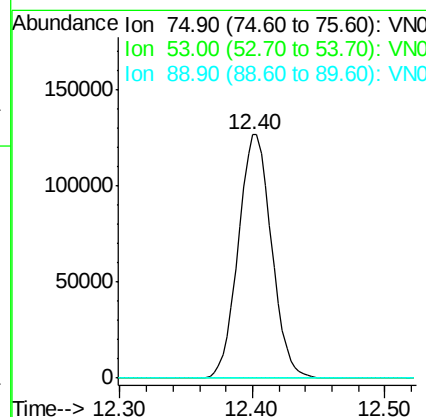
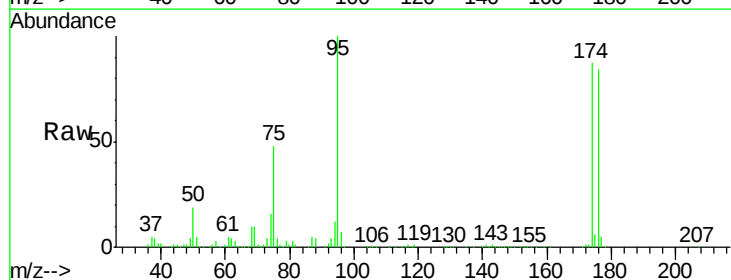
Instrument :
 MSVOA_N
 ClientSampled :
 MW-8

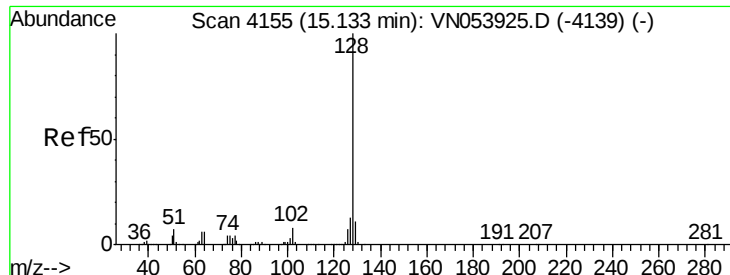
Tot Ion: 75 Resp: 220196
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.297 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054100.D
 Acq: 5 Mar 2019 15:41

Tgt Ion: 75 Resp: 220196
 Ion Ratio Lower Upper
 75 100
 53 0.1 68.6 102.8#
 89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 3.227 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054100.D

Acq: 5 Mar 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

MW-8

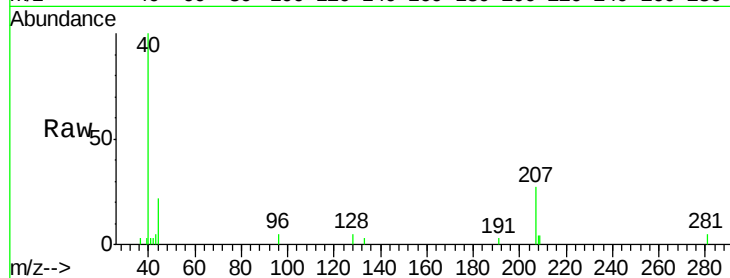
Tot Ion:128 Resp: 233

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

