

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056237.D
 Acq On : 12 Jun 2019 9:57
 Operator : JC/SP
 Sample : K3265-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01

Quant Time: Jun 13 04:26:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	48430	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	229422	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	184376	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	89435	29.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.13%
60) 4-Bromofluorobenzene	12.40	95	56715	20.75	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	69.17%
63) Toluene-d8	10.09	98	264605	31.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.47%

Target Compounds

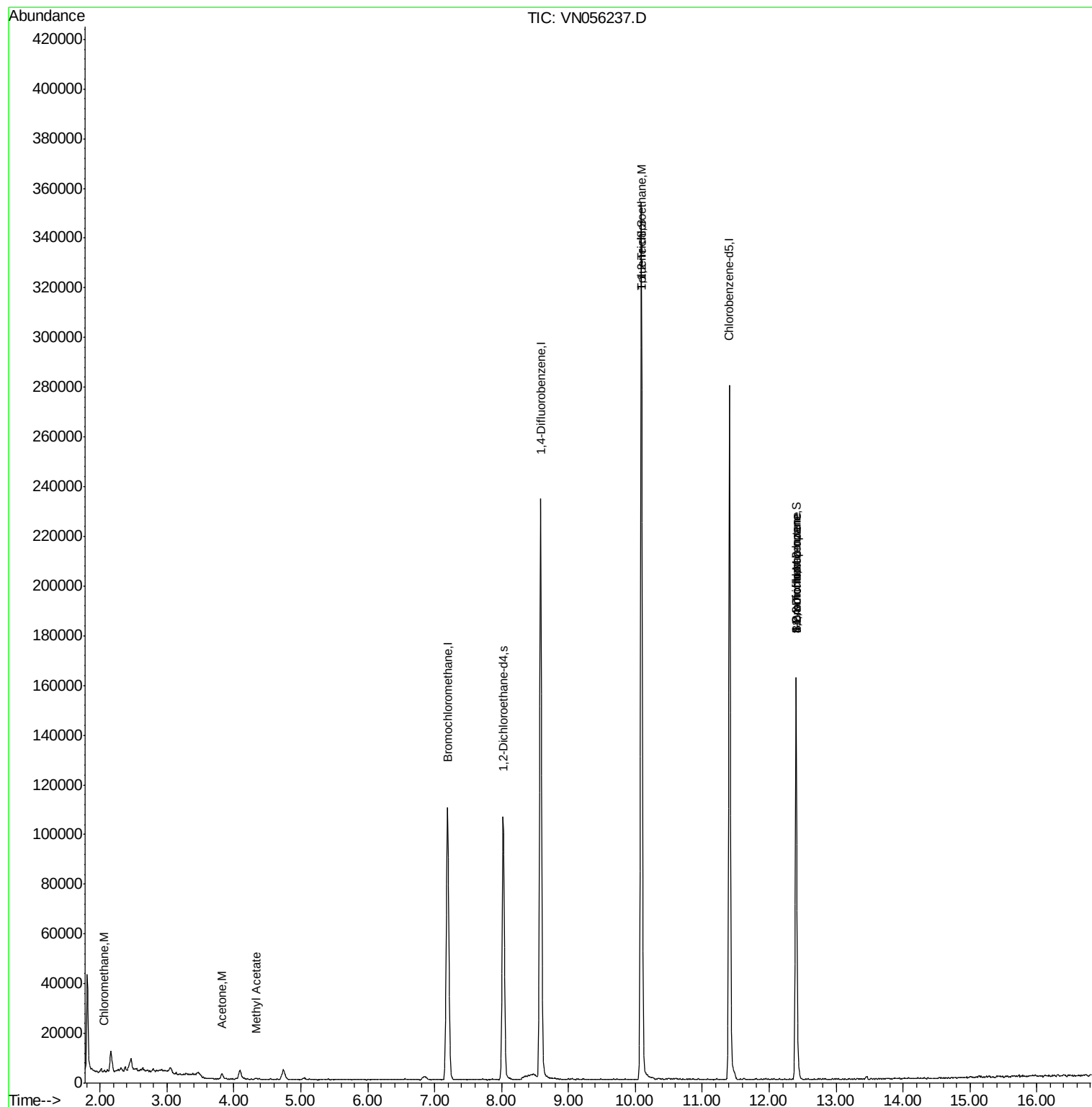
					Ovalue	
3) Chloromethane	2.05	50	644	0.202	ug/l #	41
12) Methyl Acetate	4.33	43	1395	0.459	ug/l #	50
15) Acetone	3.82	58	875	1.973	ug/l #	63
50) 1,1,2-Trichloroethane	10.10	97	8532	3.421	ug/l #	1
56) Bromoform	12.40	173	467	0.264	ug/l #	1
72) 1,2,3-Trichloropropane	12.40	75	26962	9.953	ug/l	1
77) t-1,4-Dichloro-2-butene	12.40	75	26962	34.881	ug/l #	11

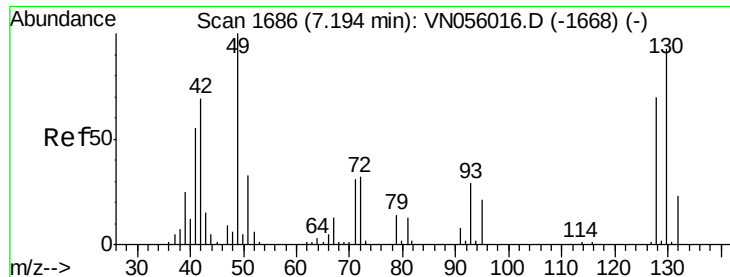
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 06 04:02:53 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056237.D

Acq: 12 Jun 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

MW-01

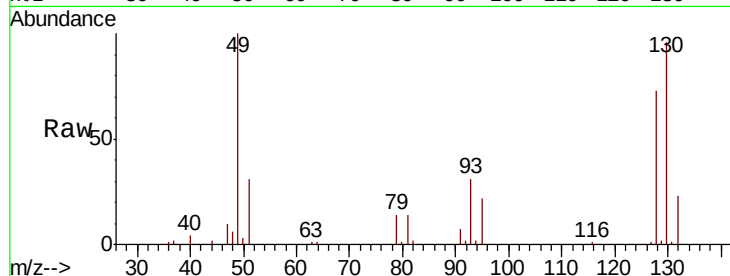
Tot Ion:128 Resp: 48430

Ion Ratio Lower Upper

128 100

49 139.1 0.0 355.8

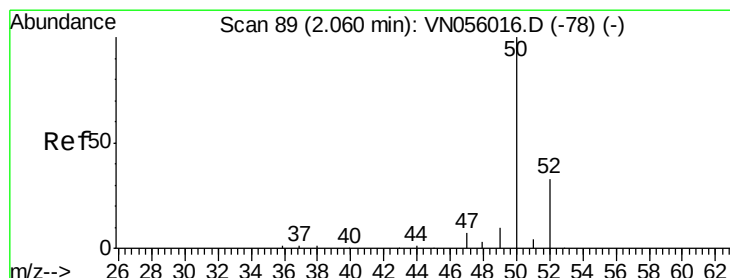
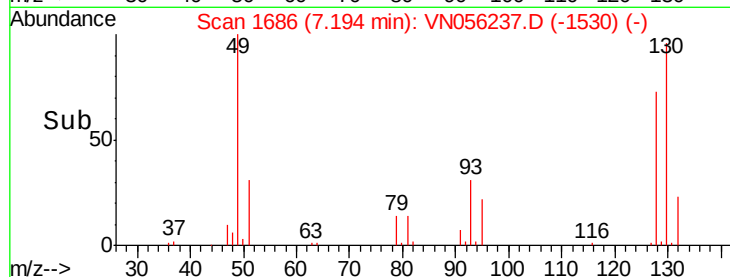
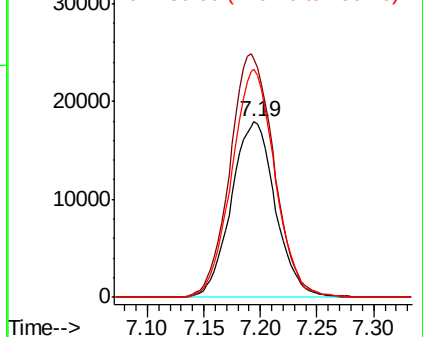
130 127.7 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#3

Chloromethane

Concen: 0.202 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.01 min

Lab File: VN056237.D

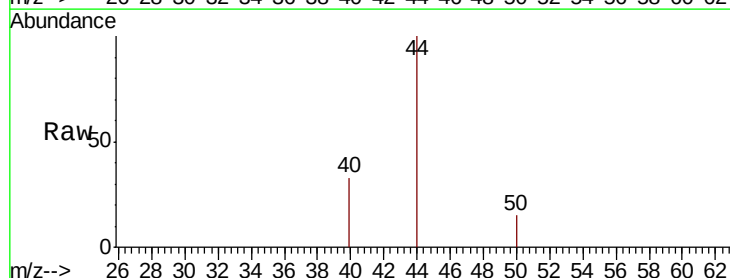
Acq: 12 Jun 2019 9:57

Tgt Ion: 50 Resp: 644

Ion Ratio Lower Upper

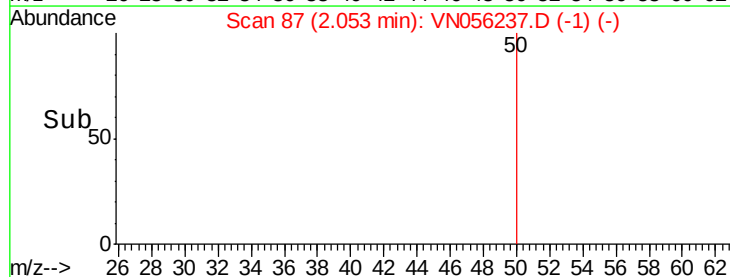
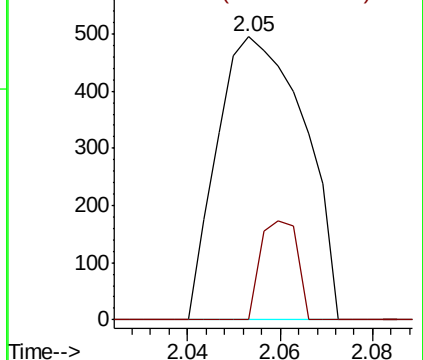
50 100

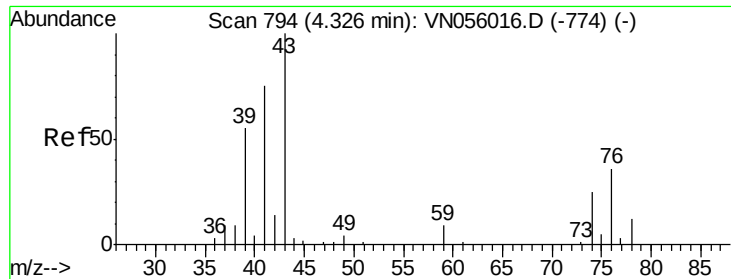
52 0.0 26.7 40.1#



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

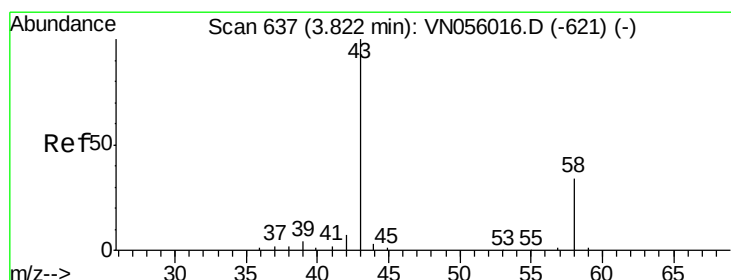
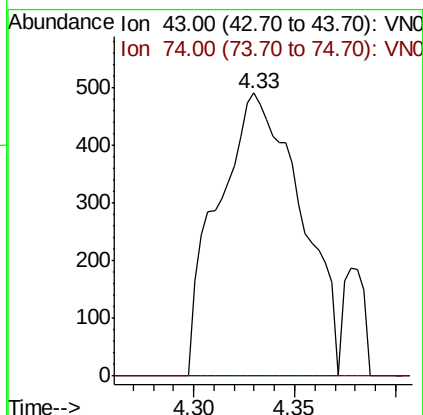
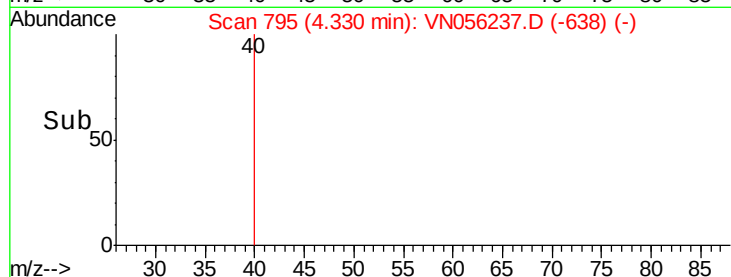
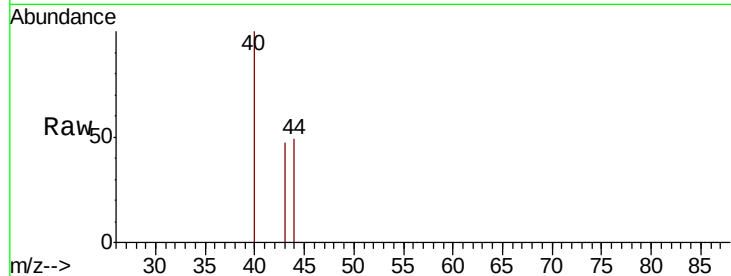




#12
Methvl Acetate
Concen: 0.459 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056237.D
Acq: 12 Jun 2019 9:57

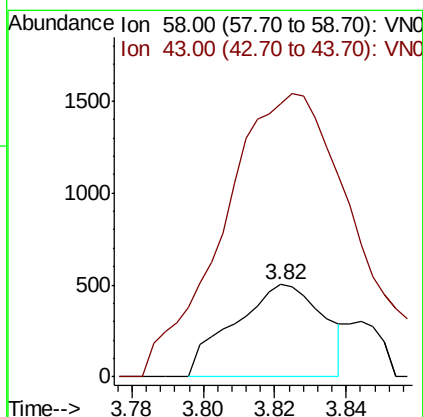
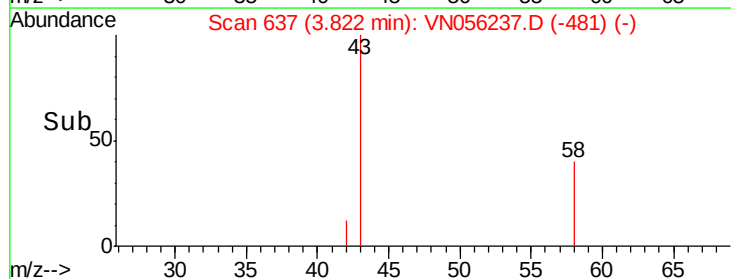
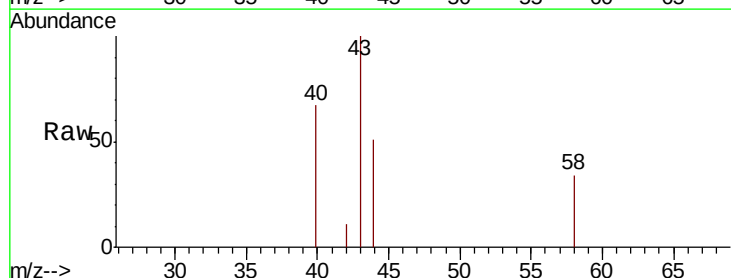
Instrument :
MSVOA_N
ClientSampled :
MW-01

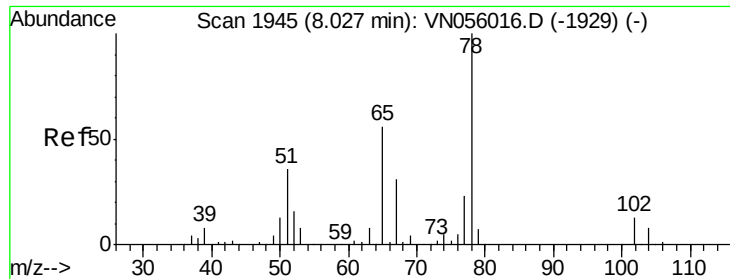
Tot Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#15
Acetone
Concen: 1.973 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN056237.D
Acq: 12 Jun 2019 9:57

Tgt Ion: 58 Resp: 875
Ion Ratio Lower Upper
58 100
43 219.5 232.5 348.7#

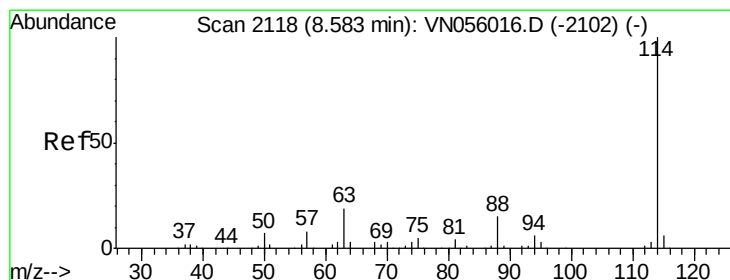
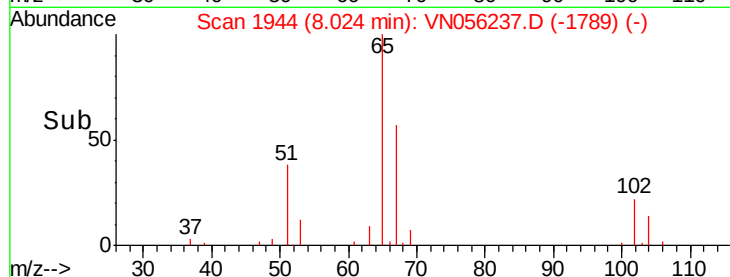
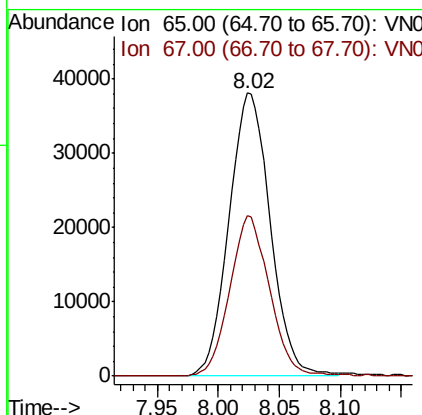
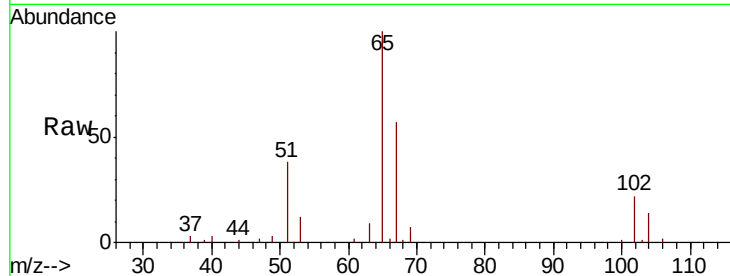




#27
 1,2-Dichloroethane-d4
 Concen: 29.738 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056237.D
 Acq: 12 Jun 2019 9:57

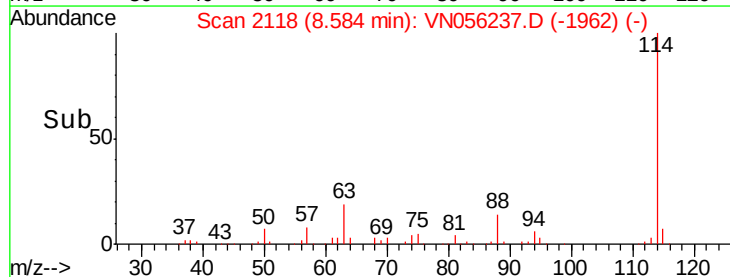
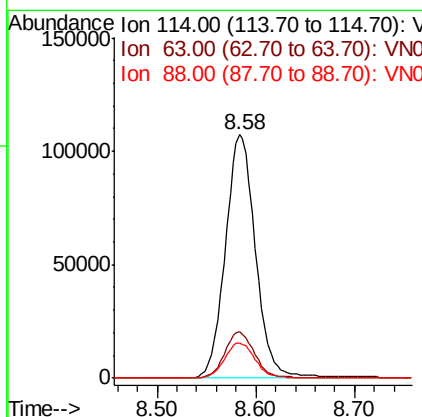
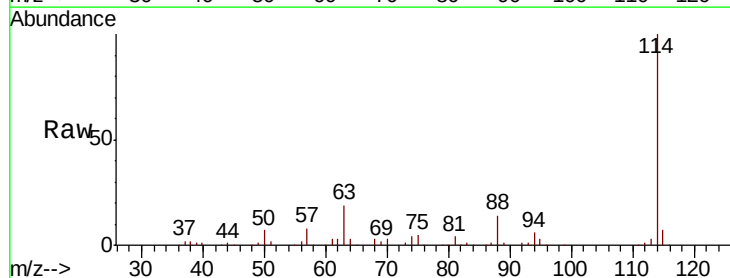
Instrument :
 MSVOA_N
 ClientSampled :
 MW-01

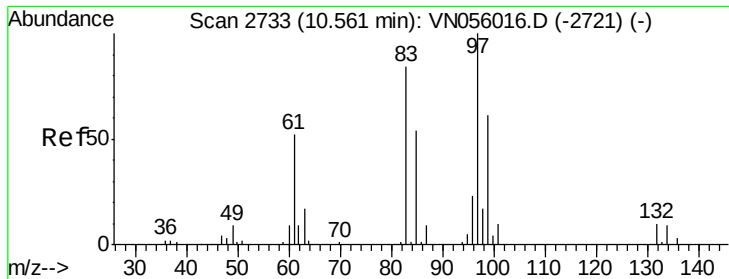
Tot Ion: 65 Resp: 89435
 Ion Ratio Lower Upper
 65 100
 67 54.2 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056237.D
 Acq: 12 Jun 2019 9:57

Tgt Ion: 114 Resp: 229422
 Ion Ratio Lower Upper
 114 100
 63 18.7 14.7 22.1
 88 14.8 11.9 17.9





#50

1,1,2-Trichloroethane

Concen: 3.421 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.46 min

Lab File: VN056237.D

Acq: 12 Jun 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

MW-01

Tot Ion: 97 Resp: 8532

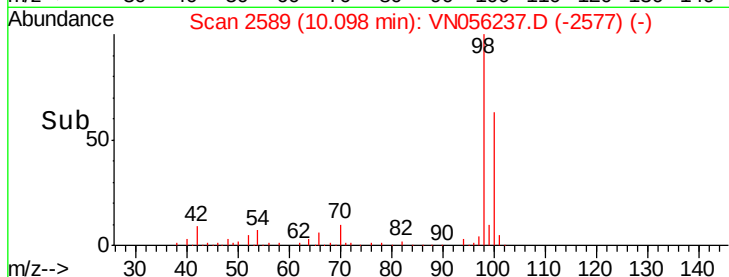
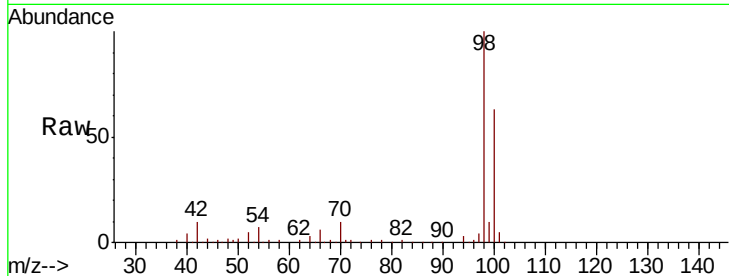
Ion Ratio Lower Upper

97 100

83 0.0 66.9 100.3#

85 0.0 43.3 64.9#

99 261.7 48.6 73.0#

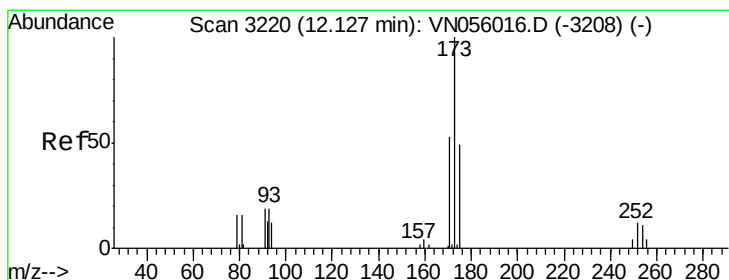
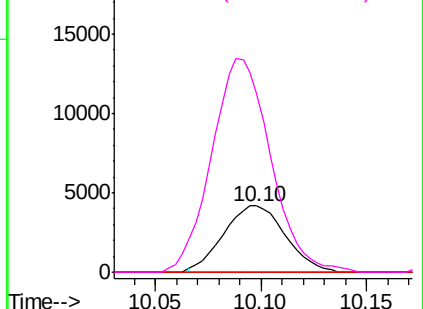


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0



#56

Bromoform

Concen: 0.264 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056237.D

Acq: 12 Jun 2019 9:57

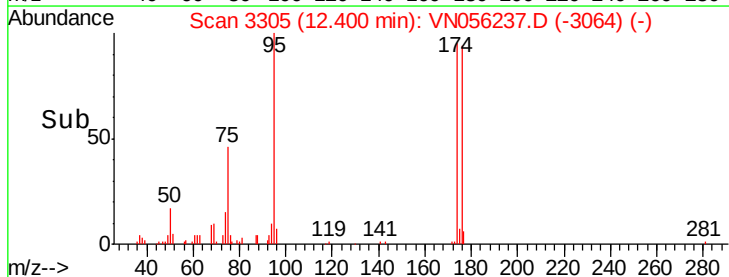
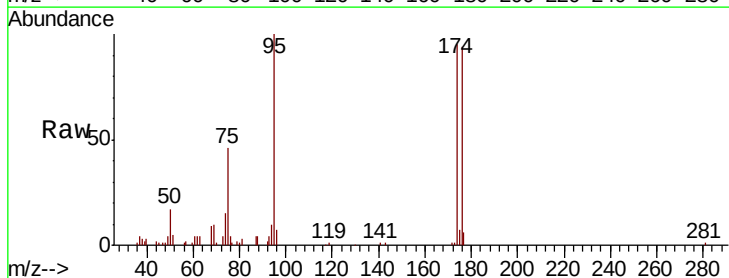
Tgt Ion: 173 Resp: 467

Ion Ratio Lower Upper

173 100

175 932.8 38.7 58.1#

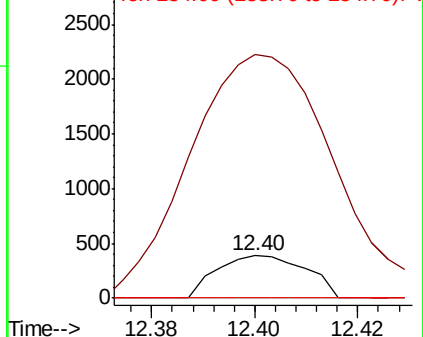
254 0.0 6.6 9.8#

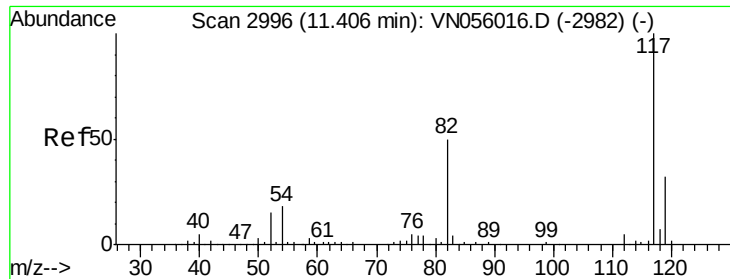


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

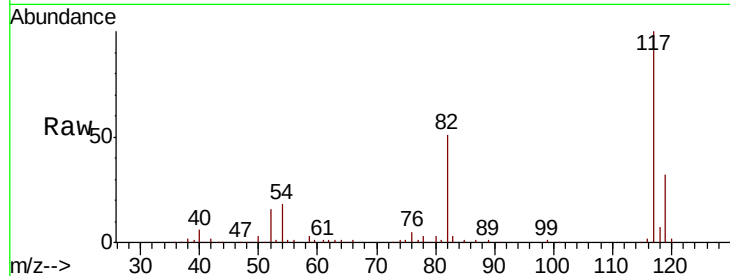




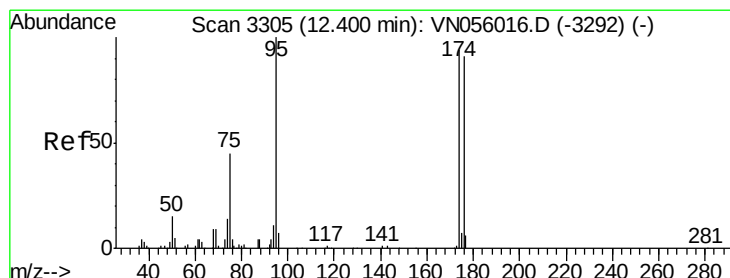
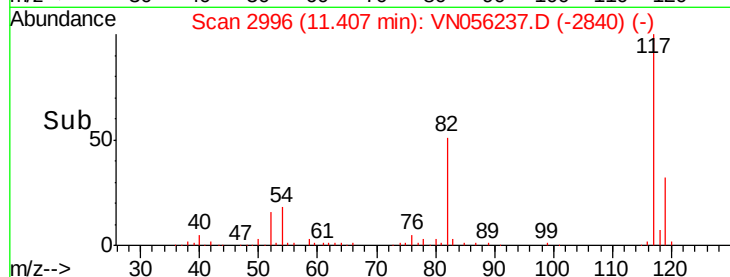
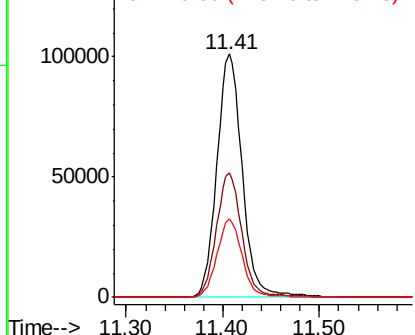
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056237.D
Acq: 12 Jun 2019 9:57

Instrument :
MSVOA_N
ClientSampled :
MW-01

Tot Ion:117 Resp: 184376
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 31.4 26.2 39.2

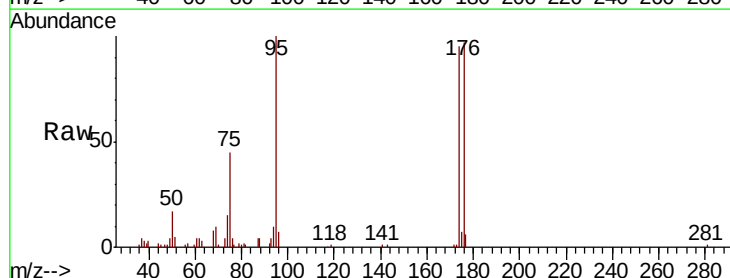


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

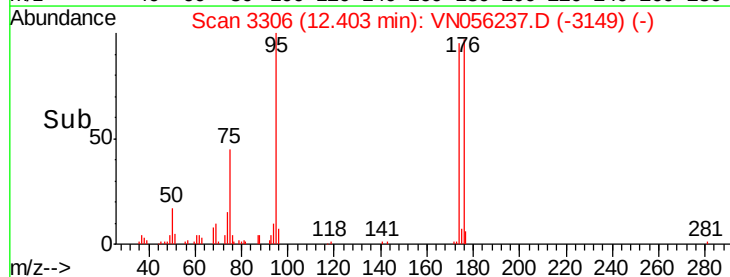
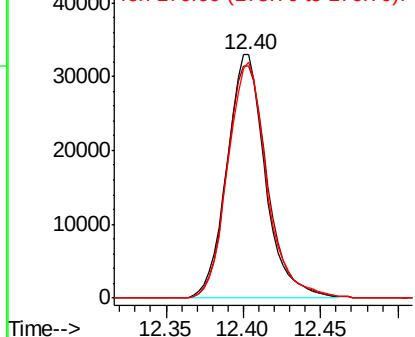


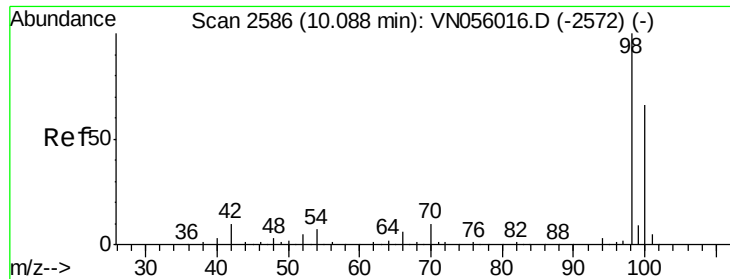
#60
4-Bromofluorobenzene
Concen: 20.753 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN056237.D
Acq: 12 Jun 2019 9:57

Tgt Ion: 95 Resp: 56715
Ion Ratio Lower Upper
95 100
174 100.7 75.4 113.0
176 98.4 73.9 110.9



Abundance Ion 95.00 (94.70 to 95.70): V
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 31.637 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056237.D

Acq: 12 Jun 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

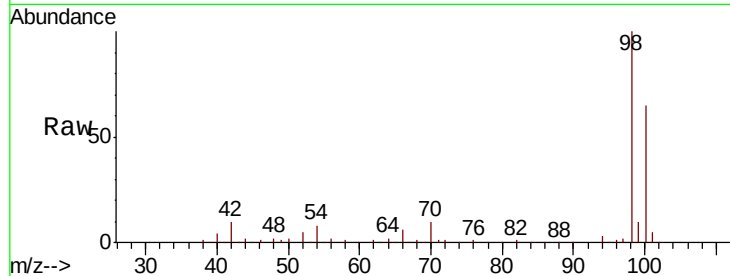
MW-01

Tot Ion: 98 Resp: 264605

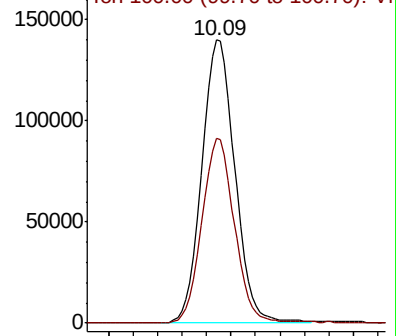
Ion Ratio Lower Upper

98 100

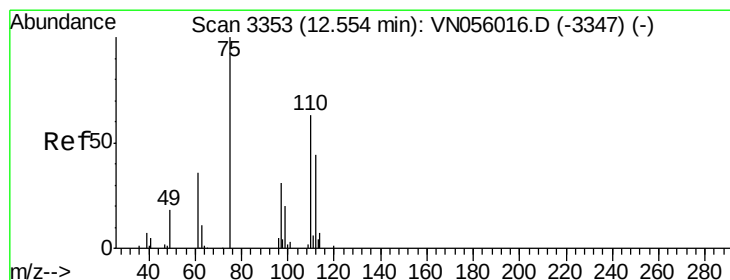
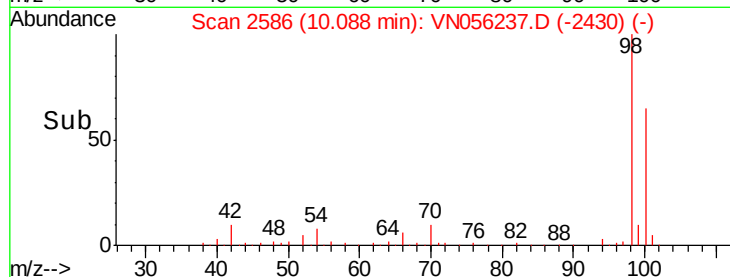
100 64.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056016.D (-2572) (-)



Time-->



#72

1,2,3-Trichloropropane

Concen: 9.953 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056237.D

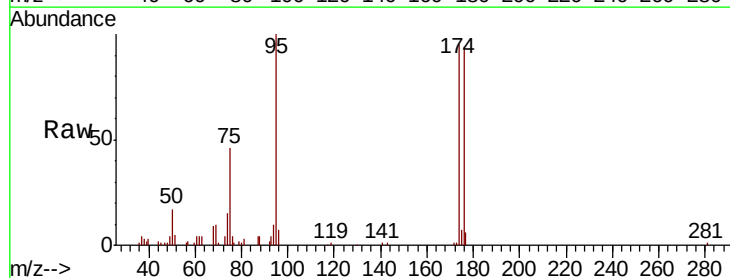
Acq: 12 Jun 2019 9:57

Tgt Ion: 75 Resp: 26962

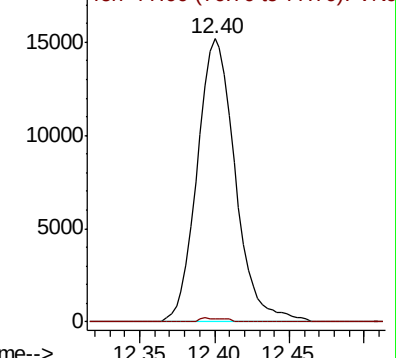
Ion Ratio Lower Upper

75 100

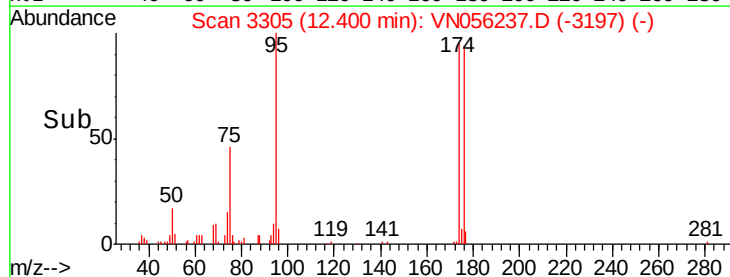
77 0.5 0.0 350.0

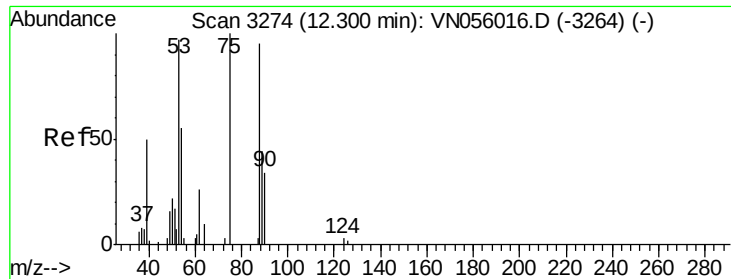


Abundance Ion 75.00 (74.70 to 75.70): VN056016.D (-3347) (-)



Time-->





#77
t-1,4-Dichloro-2-butene
Concen: 34.881 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056237.D
Acq: 12 Jun 2019 9:57

Instrument :
MSVOA_N
ClientSampleId :
MW-01

Tot Ion: 75 Resp: 26962
Ion Ratio Lower Upper
75 100
53 0.0 48.0 144.0#
89 0.0 22.5 67.5#

