

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050203.D
 Acq On : 31 Jul 2018 9:05
 Operator : MD\SY
 Sample : VN0731WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL01

Quant Time: Jul 31 17:37:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	119670	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	648262	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	523849	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	248021	30.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.63%
60) 4-Bromofluorobenzene	12.40	95	173950	21.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	72.03%
63) Toluene-d8	10.09	98	746858	29.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.50%

Target Compounds

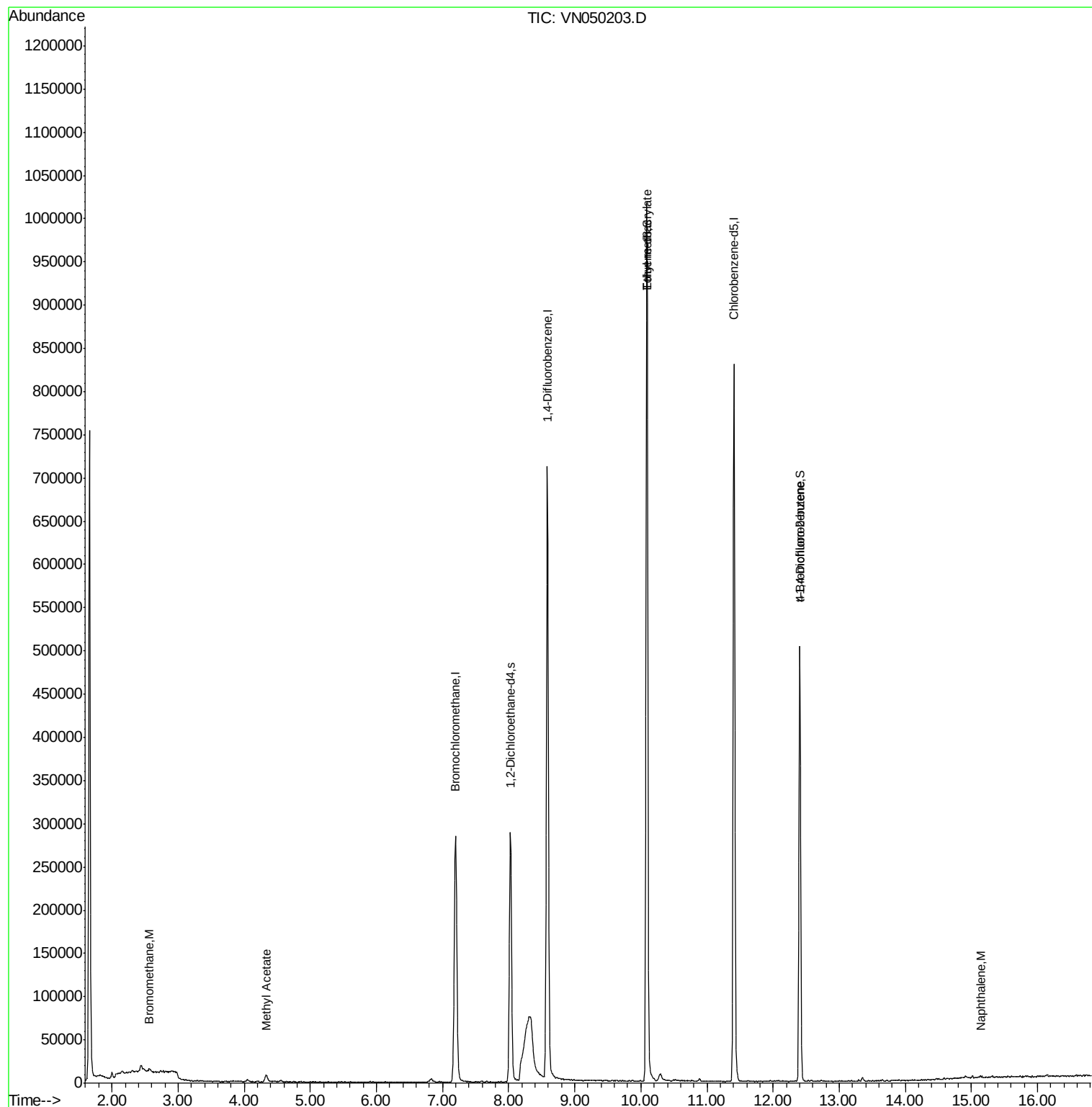
					Ovalue
5) Bromomethane	2.57	94	1104	0.20 ug/l #	73
12) Methyl Acetate	4.34	43	15333	2.10 ug/l	94
51) Ethyl methacrylate	10.10	69	2360	0.27 ug/l	96
77) t-1,4-Dichloro-2-butene	12.40	75	84777	37.13 ug/l #	14
91) Naphthalene	15.14	128	2494	7.76 ug/l #	72

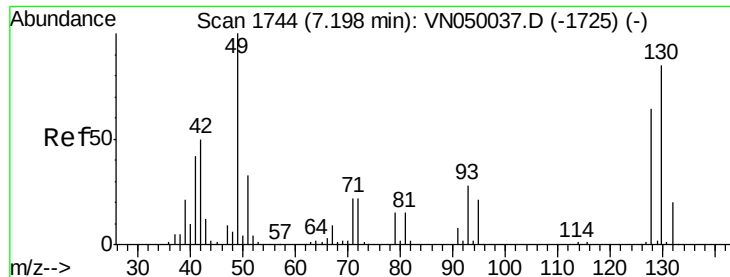
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073118\
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN050203.D

Acq: 31 Jul 2018 9:05

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

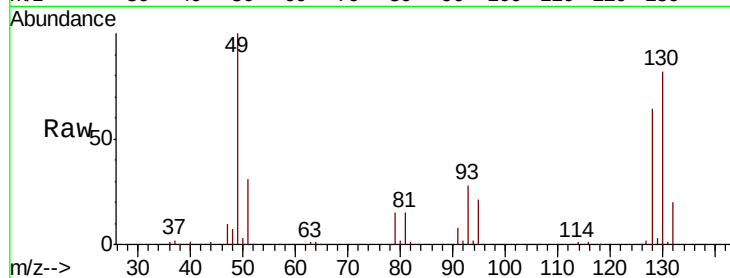
Tot Ion:128 Resp: 119670

Ion Ratio Lower Upper

128 100

49 154.1 0.0 378.3

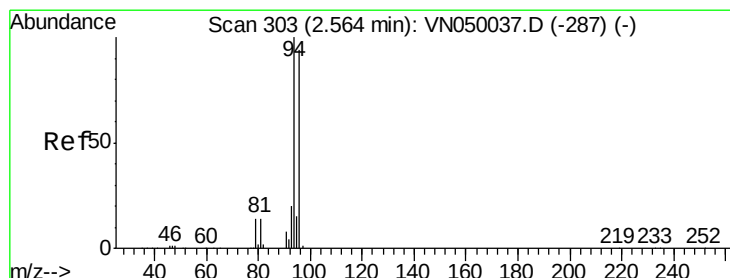
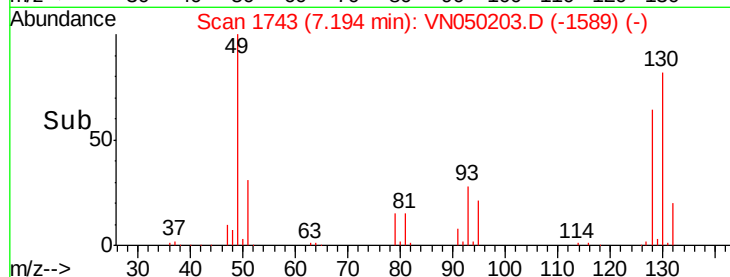
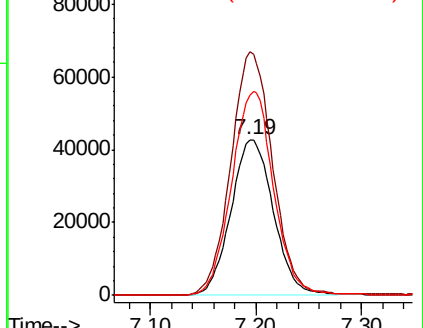
130 129.4 0.0 320.7



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



#5

Bromomethane

Concen: 0.20 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN050203.D

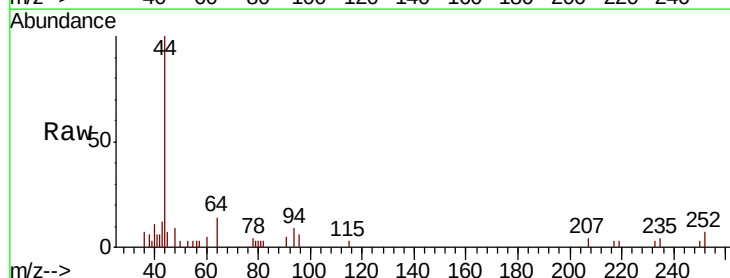
Acq: 31 Jul 2018 9:05

Tgt Ion: 94 Resp: 1104

Ion Ratio Lower Upper

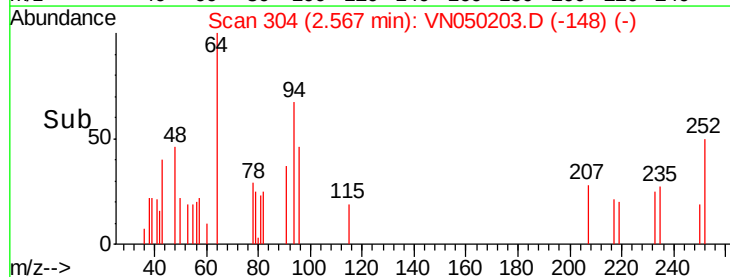
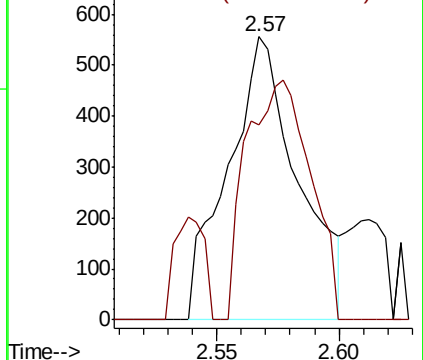
94 100

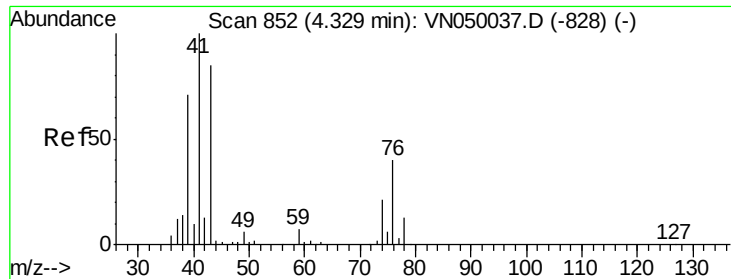
96 68.7 75.9 113.9#



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

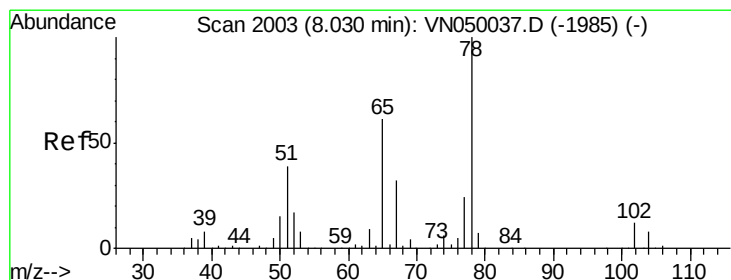
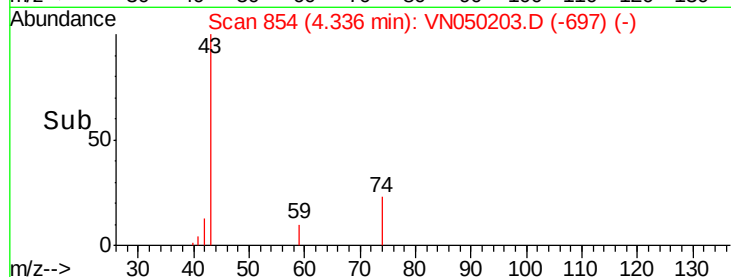
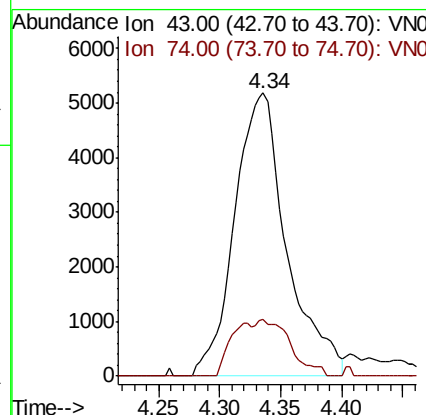
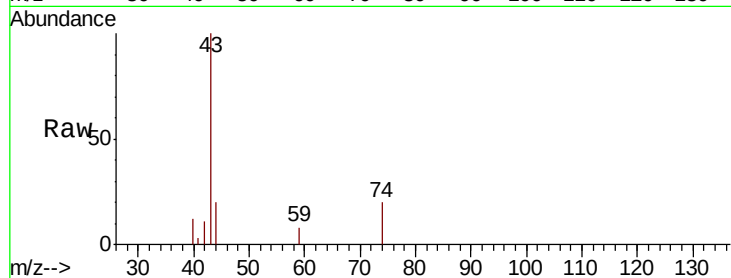




#12
Methvl Acetate
Concen: 2.10 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050203.D
Acq: 31 Jul 2018 9:05

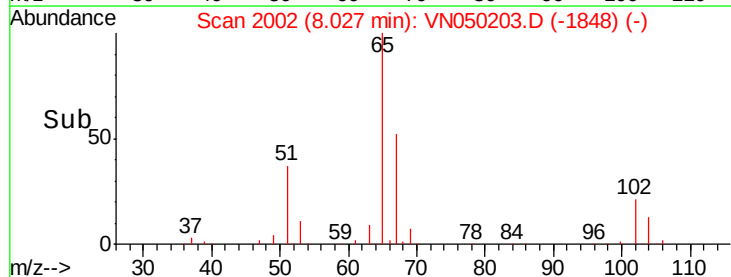
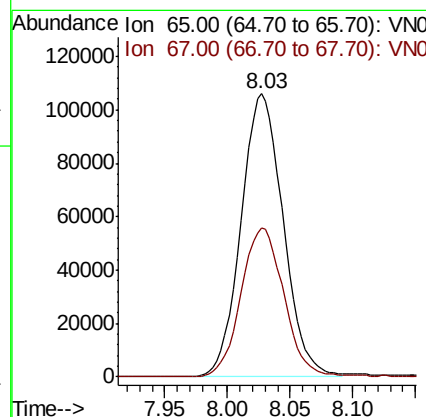
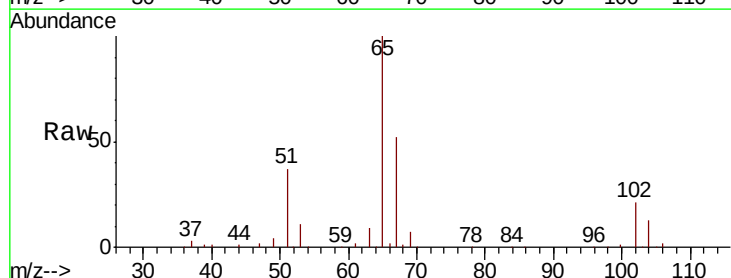
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

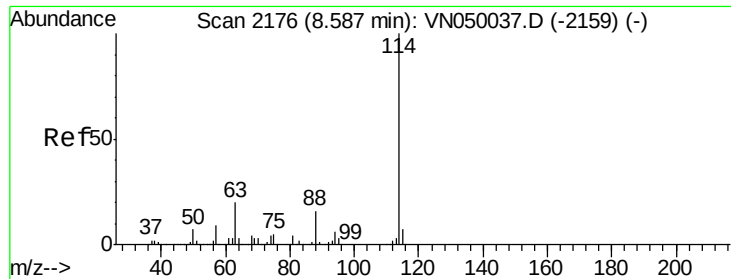
Tot Ion: 43 Resp: 15333
Ion Ratio Lower Upper
43 100
74 20.9 19.3 28.9



#27
1,2-Dichloroethane-d4
Concen: 30.49 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN050203.D
Acq: 31 Jul 2018 9:05

Tgt Ion: 65 Resp: 248021
Ion Ratio Lower Upper
65 100
67 53.4 42.7 64.1

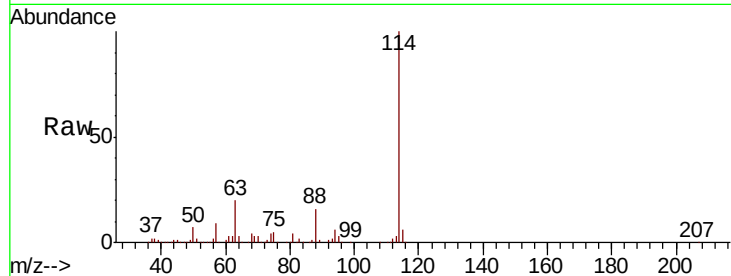




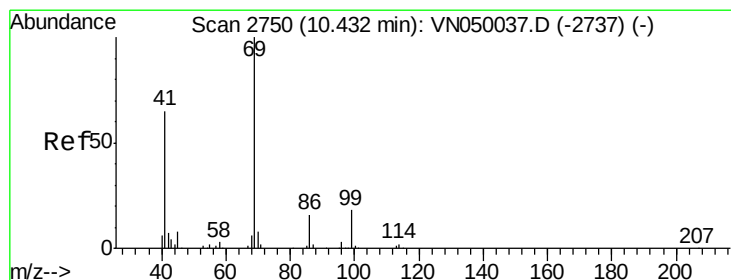
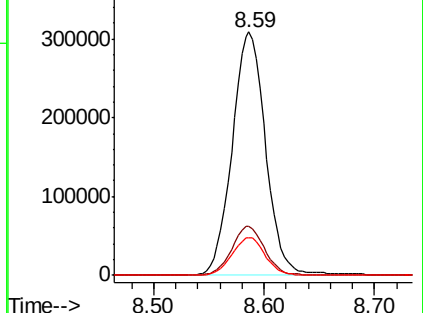
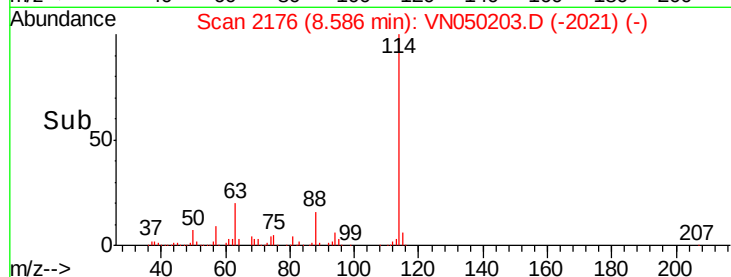
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050203.D
 Acq: 31 Jul 2018 9:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.2	24.2
88	15.5	12.3	18.5

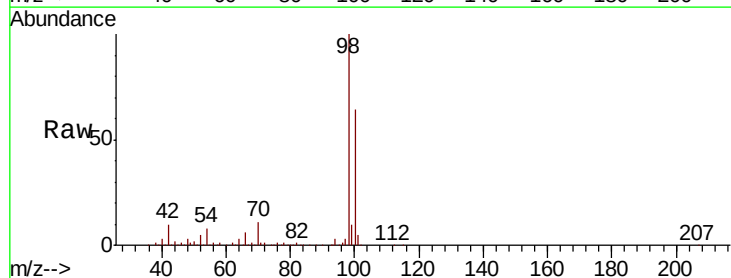


Abundance Ion 114.00 (113.70 to 114.70): VN0
 Ion 63.00 (62.70 to 63.70): VN0
 Ion 88.00 (87.70 to 88.70): VN0

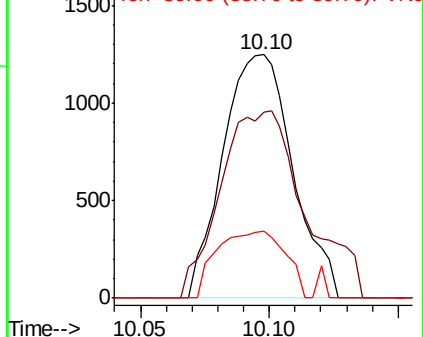
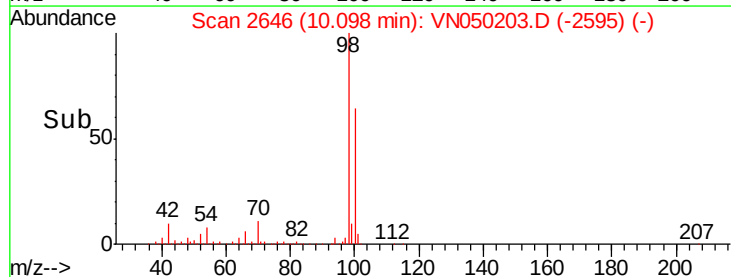


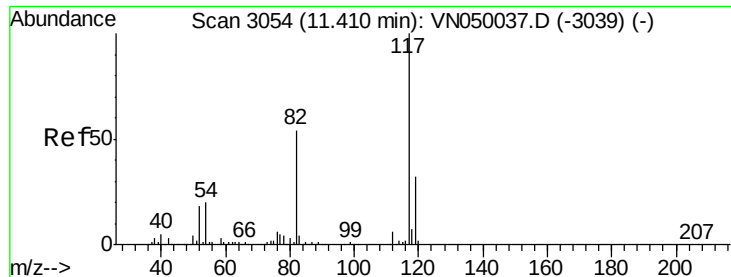
#51
 Ethyl methacrylate
 Concen: 0.27 ug/l
 RT: 10.10 min Scan# 2646
 Delta R.T. -0.33 min
 Lab File: VN050203.D
 Acq: 31 Jul 2018 9:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.8	31.9	95.9
39	27.4	16.7	50.1



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

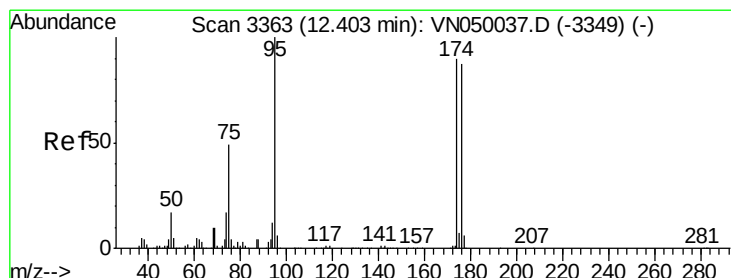
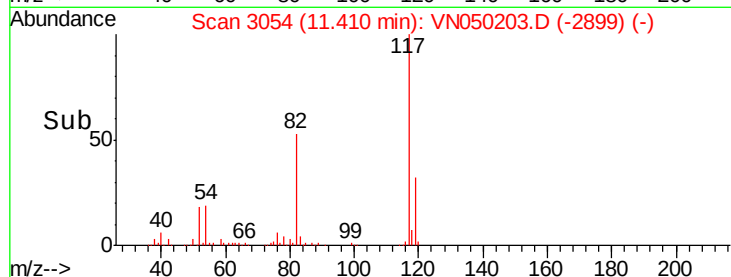
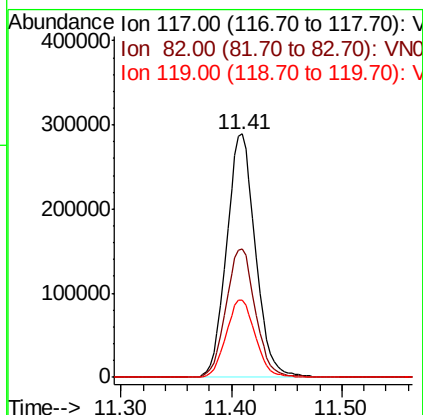
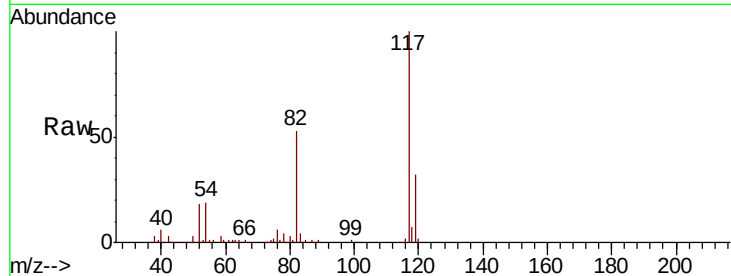




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050203.D
Acq: 31 Jul 2018 9:05

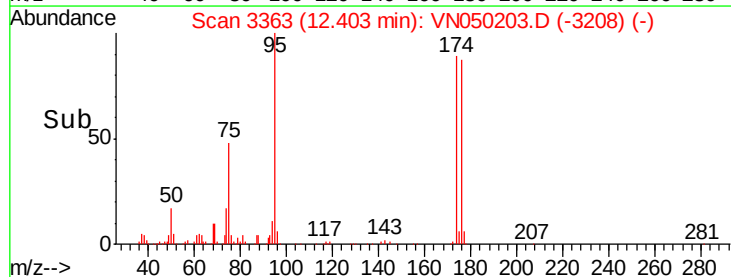
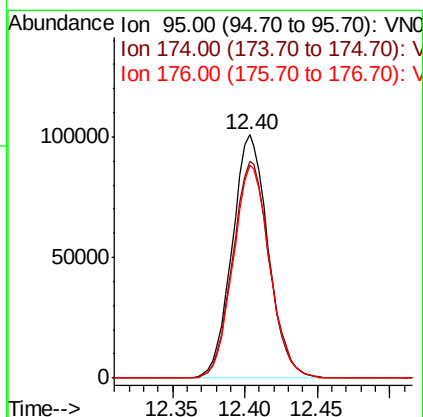
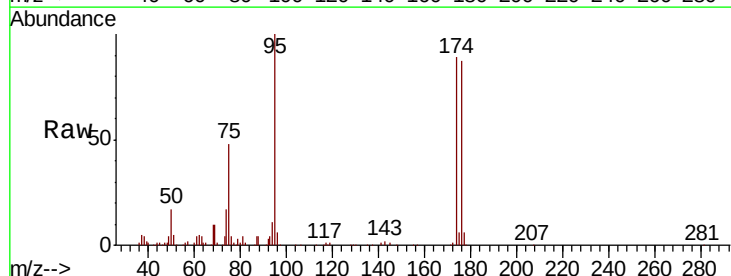
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

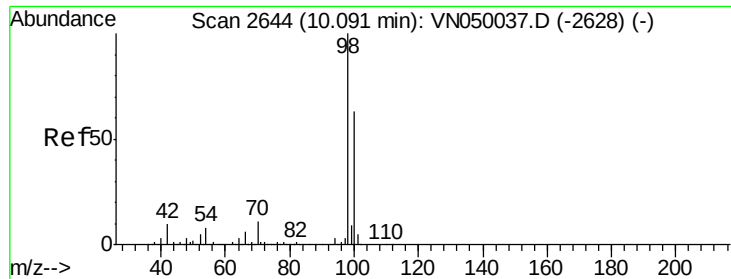
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.4	63.6
119	32.3	25.4	38.0



#60
4-Bromofluorobenzene
Concen: 21.61 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050203.D
Acq: 31 Jul 2018 9:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.9	72.3	108.5
176	88.5	70.0	105.0





#63

Toluene-d8

Concen: 29.85 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050203.D

Acq: 31 Jul 2018 9:05

Instrument :

MSVOA_N

ClientSampleId :

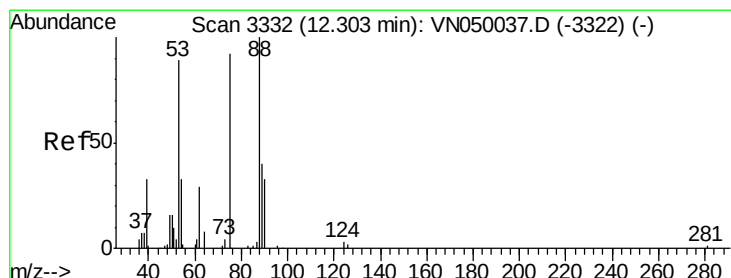
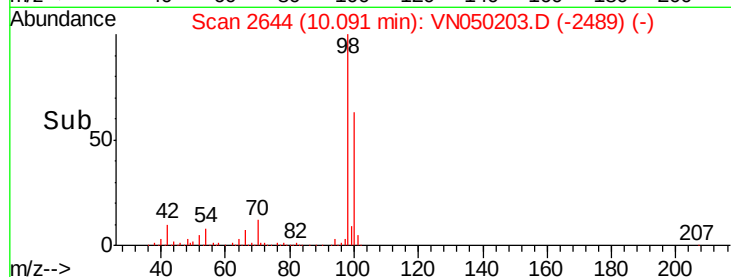
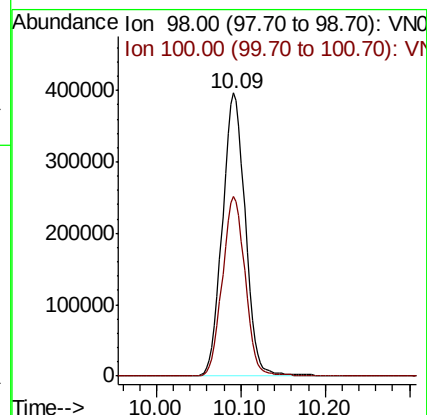
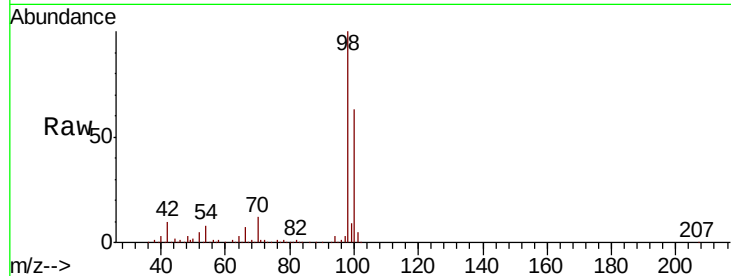
VN0731WBL01

Tot Ion: 98 Resp: 746858

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8



#77

t-1,4-Dichloro-2-butene

Concen: 37.13 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050203.D

Acq: 31 Jul 2018 9:05

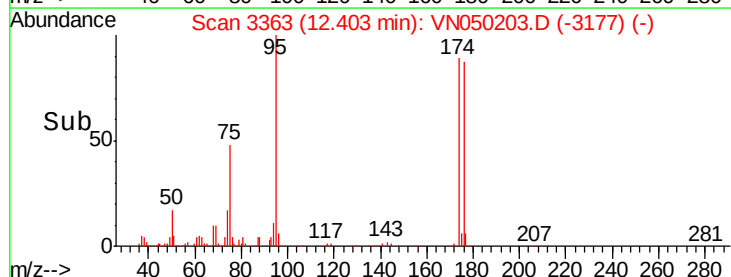
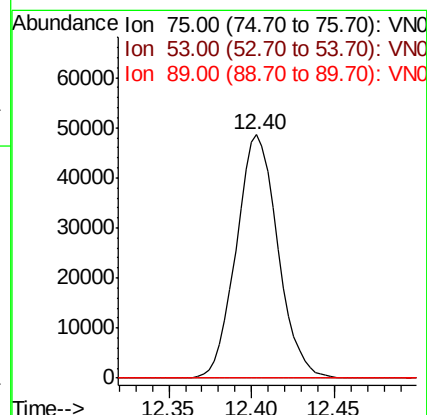
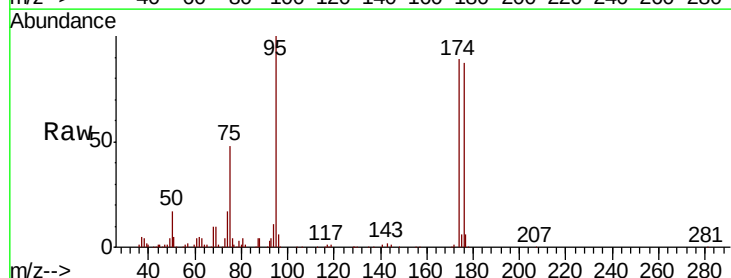
Tgt Ion: 75 Resp: 84777

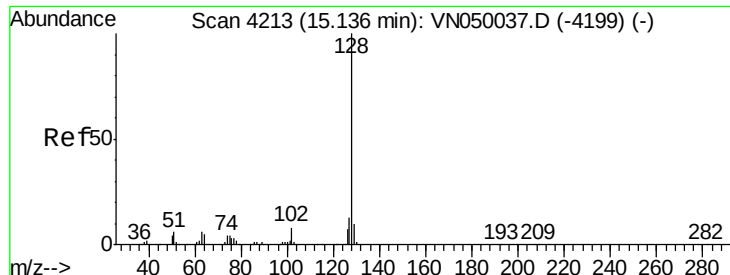
Ion Ratio Lower Upper

75 100

53 0.0 44.6 134.0#

89 0.0 20.7 62.1#





#91
Naphthalene
Concen: 7.76 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VN050203.D
Acq: 31 Jul 2018 9:05

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	2.7	9.0	13.4#

