

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050668.D
 Acq On : 15 Aug 2018 21:25
 Operator : MD\SY
 Sample : VN0815WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBL02

Quant Time: Aug 16 04:23:00 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	7.20	128	113313	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	574482	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	467216	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	233836	30.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.20%
60) 4-Bromofluorobenzene	12.40	95	151897	21.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	70.53%
63) Toluene-d8	10.09	98	657136	29.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.17%

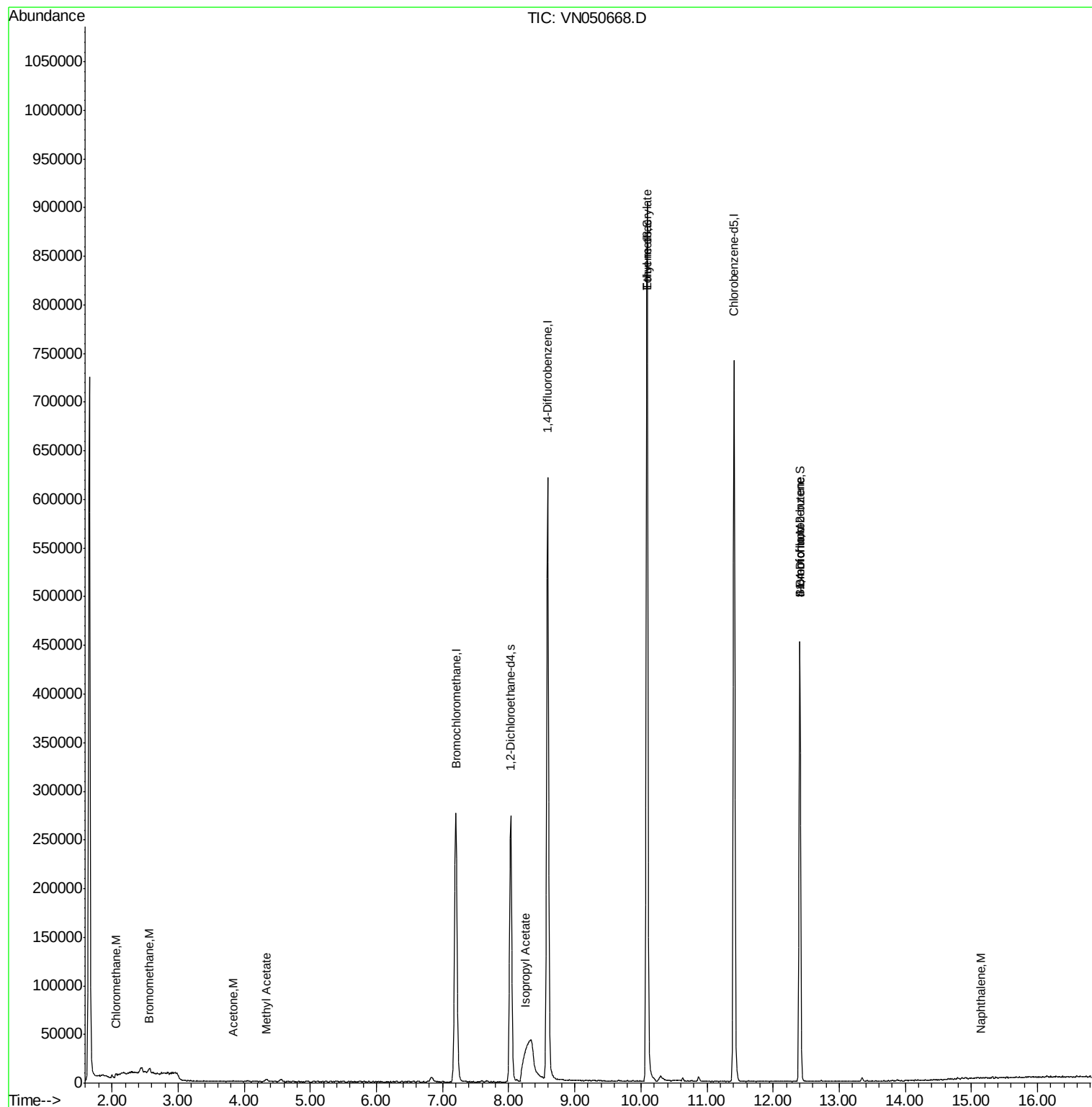
Target Compounds					Ovalue
3) Chloromethane	2.06	50	2141	0.27 ug/l	98
5) Bromomethane	2.57	94	2907	0.56 ug/l	93
12) Methyl Acetate	4.33	43	5302	0.77 ug/l #	85
15) Acetone	3.84	58	176	0.29 ug/l #	1
44) Isopropyl Acetate	8.24	43	24286	2.24 ug/l #	56
51) Ethyl methacrylate	10.10	69	2308	0.30 ug/l	94
56) Bromoform	12.40	173	1575	0.31 ug/l #	1
77) t-1,4-Dichloro-2-butene	12.40	75	73796	36.23 ug/l #	14
91) Naphthalene	15.13	128	855	7.69 ug/l #	69

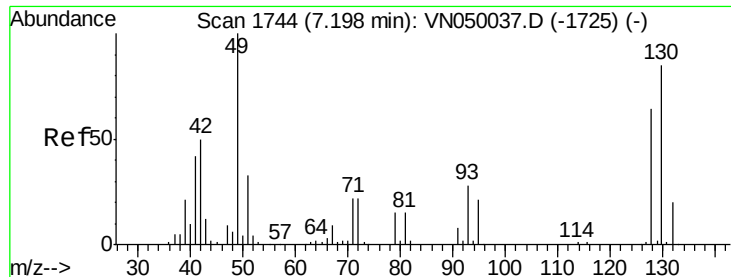
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081518\
Data File : VN050668.D
Acq On : 15 Aug 2018 21:25
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

Quant Time: Aug 16 01:10:03 2018
Quant Method : Z:\V0ASRV\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

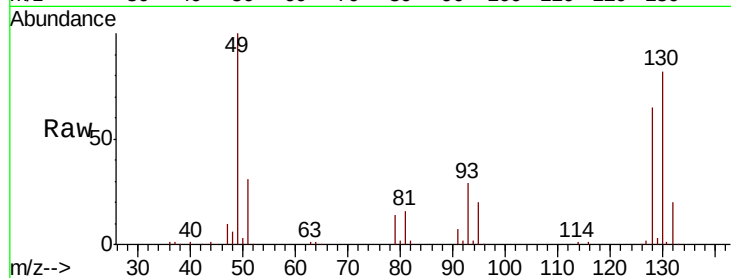




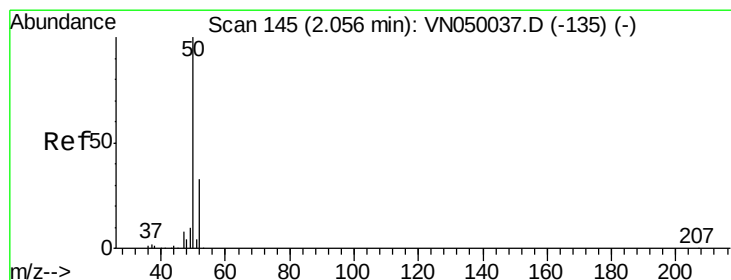
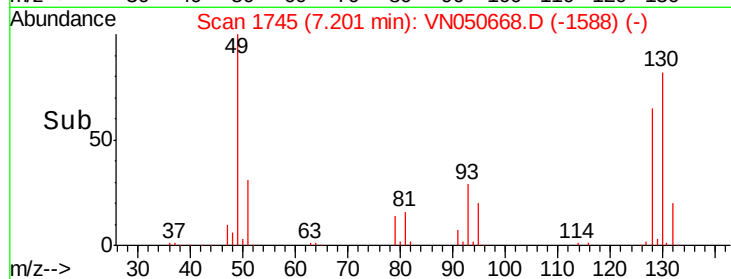
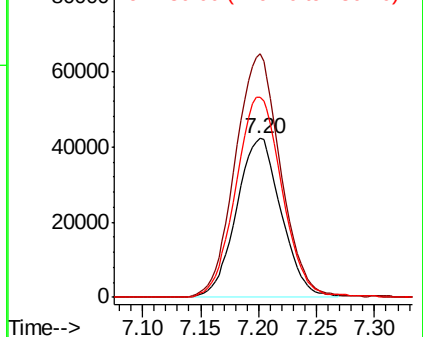
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.20 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: VN050668.D
 Acq: 15 Aug 2018 21:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBL02

Tot Ion:128 Resp: 113313
 Ion Ratio Lower Upper
 128 100
 49 155.1 0.0 378.3
 130 130.1 0.0 320.7

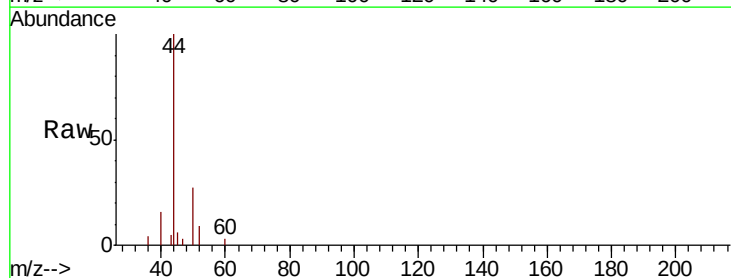


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

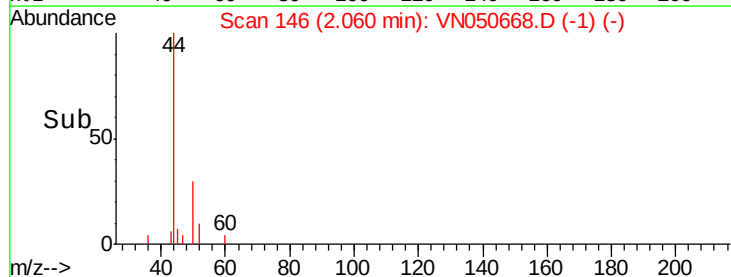
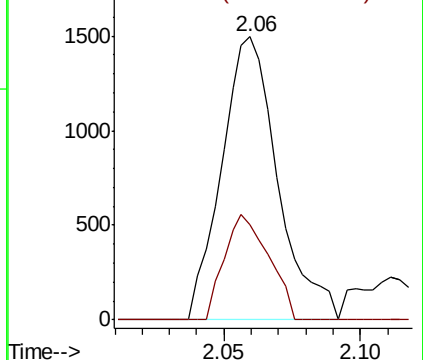


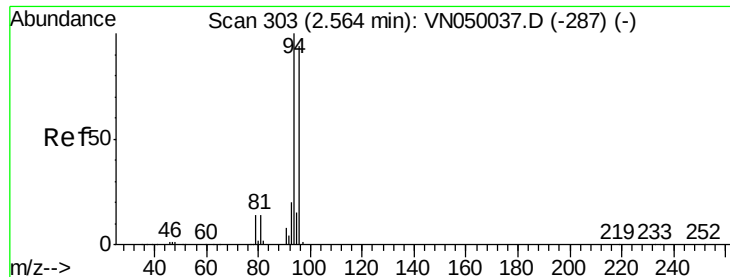
#3
 Chloromethane
 Concen: 0.27 ug/l
 RT: 2.06 min Scan# 146
 Delta R.T. 0.00 min
 Lab File: VN050668.D
 Acq: 15 Aug 2018 21:25

Tgt Ion: 50 Resp: 2141
 Ion Ratio Lower Upper
 50 100
 52 33.7 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN
 Ion 52.00 (51.70 to 52.70): VN





#5

Bromomethane

Concen: 0.56 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN050668.D

Acq: 15 Aug 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

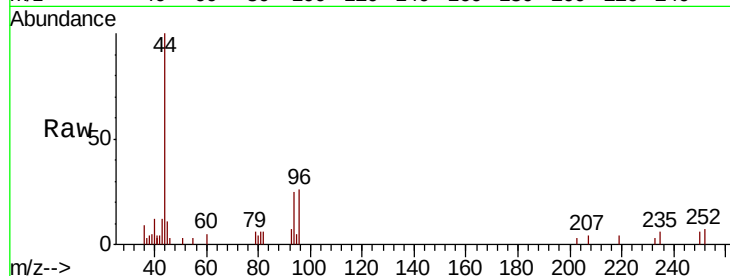
VN0815WBL02

Tot Ion: 94 Resp: 2907

Ion Ratio Lower Upper

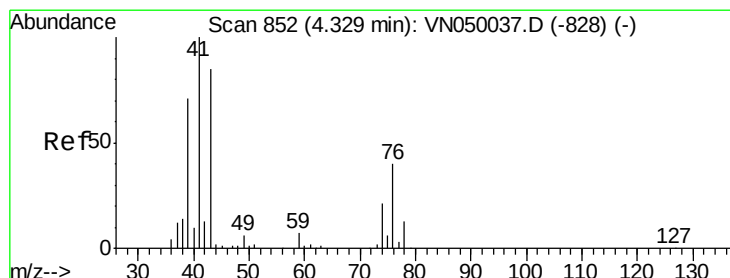
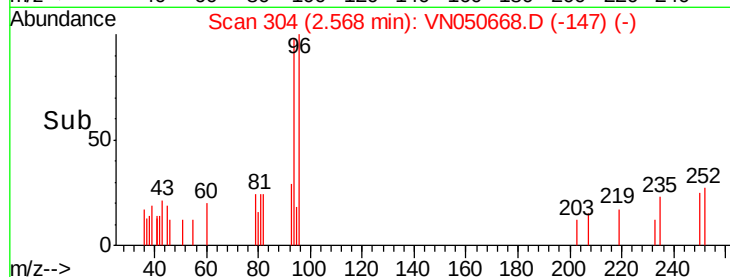
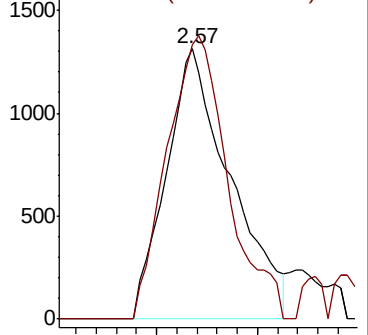
94 100

96 101.5 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#12

Methyl Acetate

Concen: 0.77 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050668.D

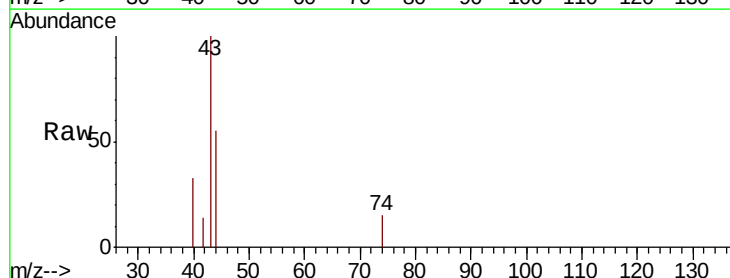
Acq: 15 Aug 2018 21:25

Tgt Ion: 43 Resp: 5302

Ion Ratio Lower Upper

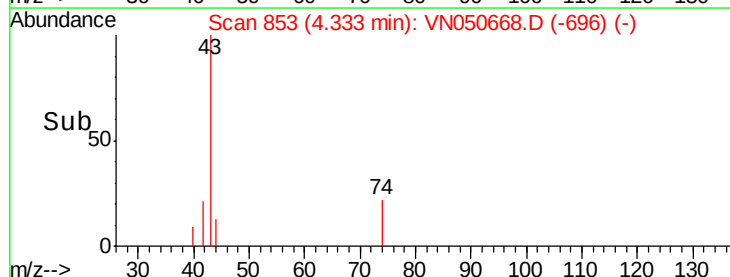
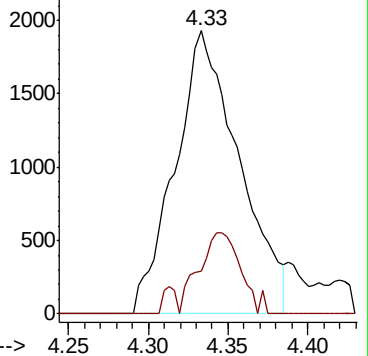
43 100

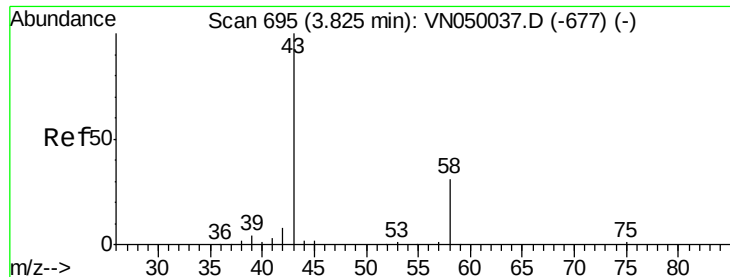
74 16.5 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#15

Acetone

Concen: 0.29 ug/l

RT: 3.84 min Scan# 700

Delta R.T. 0.02 min

Lab File: VN050668.D

Acq: 15 Aug 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

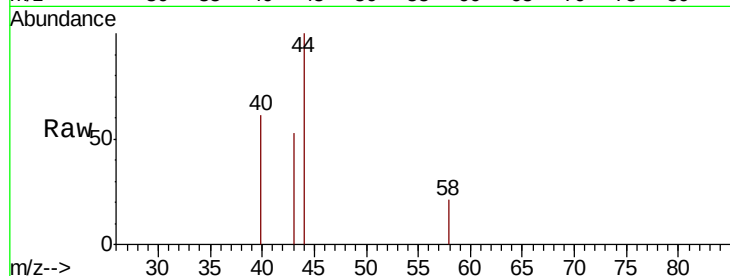
VN0815WBL02

Tot Ion: 58 Resp: 176

Ion Ratio Lower Upper

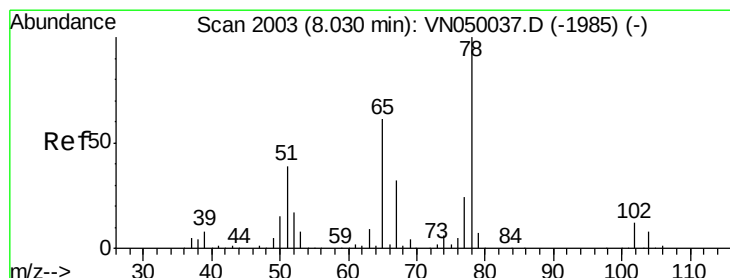
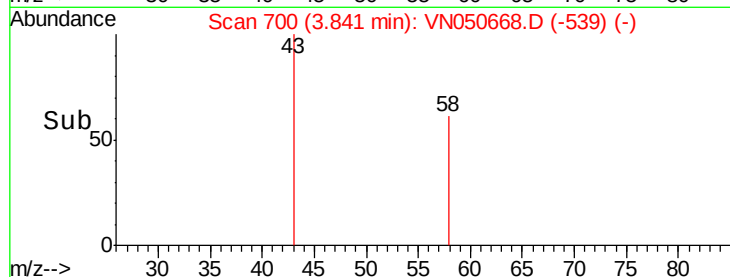
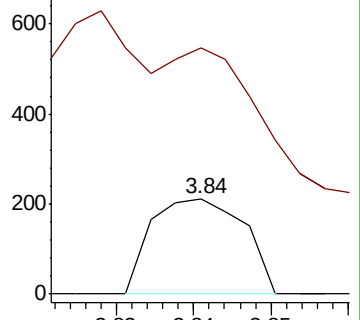
58 100

43 96.7 252.0 378.0#



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#27

1,2-Dichloroethane-d4

Concen: 30.36 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050668.D

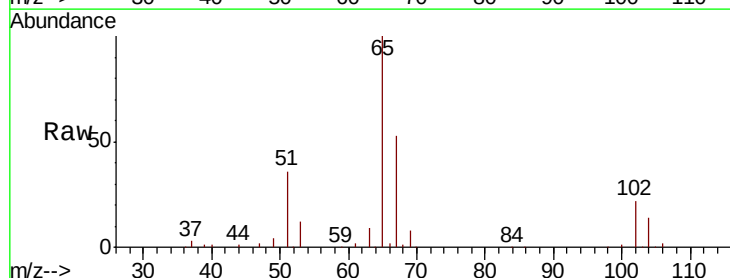
Acq: 15 Aug 2018 21:25

Tgt Ion: 65 Resp: 233836

Ion Ratio Lower Upper

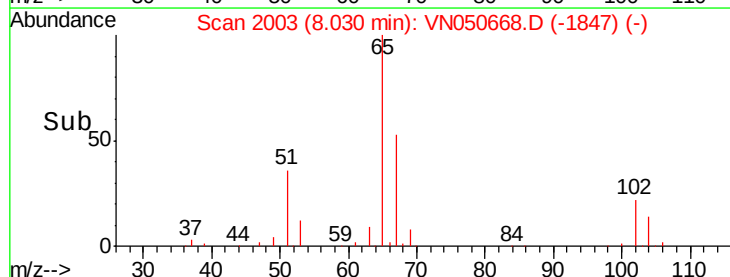
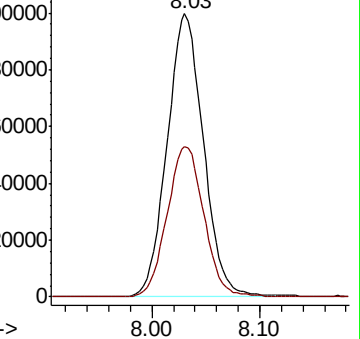
65 100

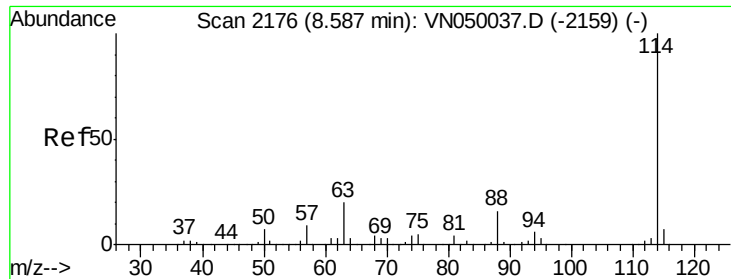
67 54.0 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

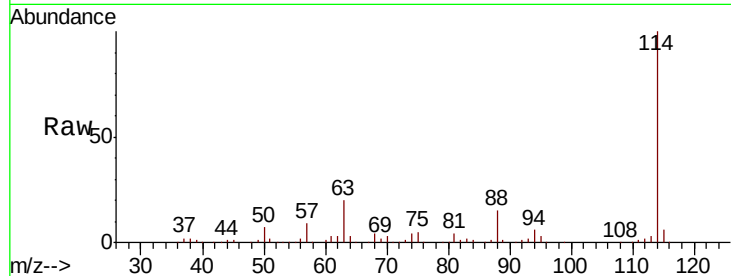




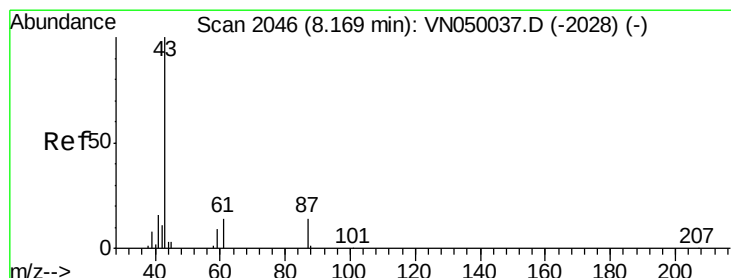
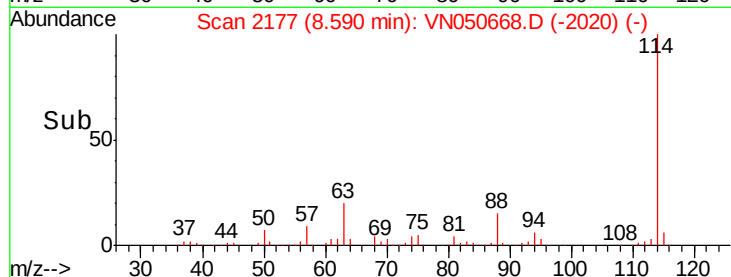
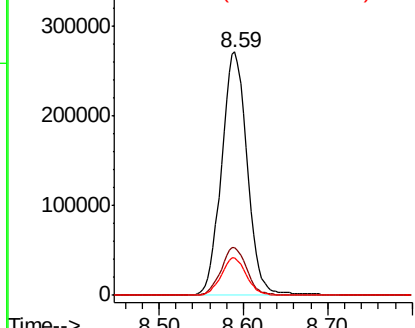
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050668.D
 Acq: 15 Aug 2018 21:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBL02

Tot Ion:114 Resp: 574482
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.2 24.2
 88 15.1 12.3 18.5

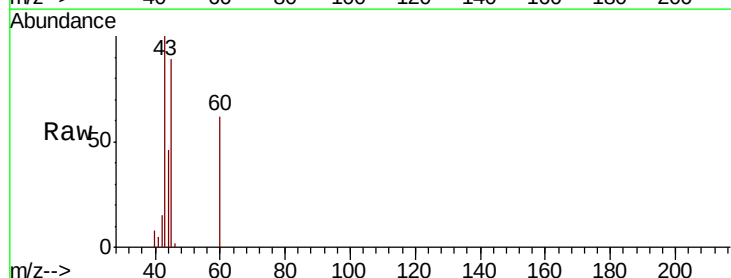


Abundance Ion 114.00 (113.70 to 114.70): VN0
 Ion 63.00 (62.70 to 63.70): VN0
 Ion 88.00 (87.70 to 88.70): VN0

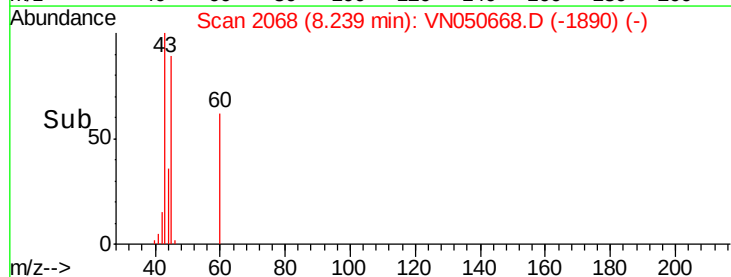
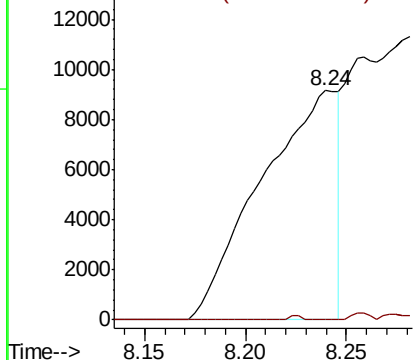


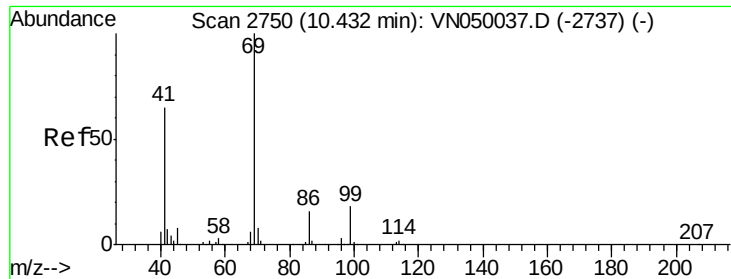
#44
 Isopropyl Acetate
 Concen: 2.24 ug/l
 RT: 8.24 min Scan# 2068
 Delta R.T. 0.07 min
 Lab File: VN050668.D
 Acq: 15 Aug 2018 21:25

Tgt Ion: 43 Resp: 24286
 Ion Ratio Lower Upper
 43 100
 61 0.3 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0

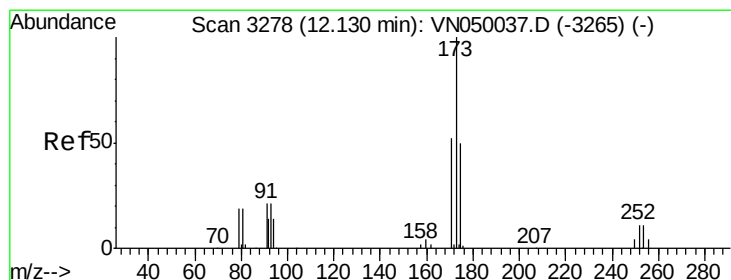
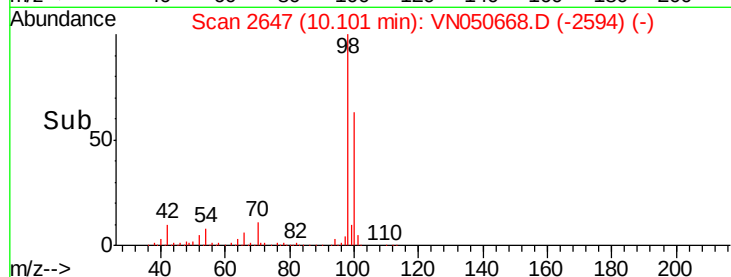
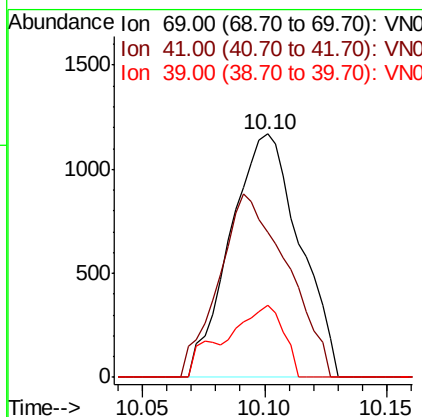
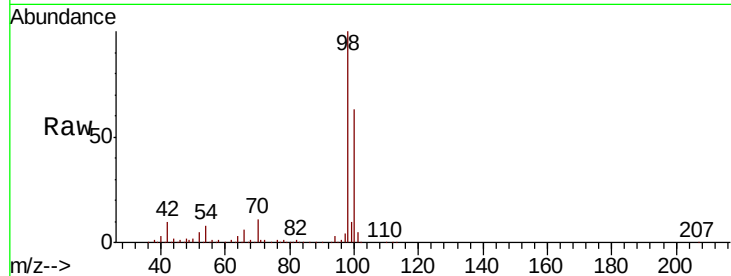




#51
Ethyl methacrylate
Concen: 0.30 ug/l
RT: 10.10 min Scan# 2647
Delta R.T. -0.33 min
Lab File: VN050668.D
Acq: 15 Aug 2018 21:25

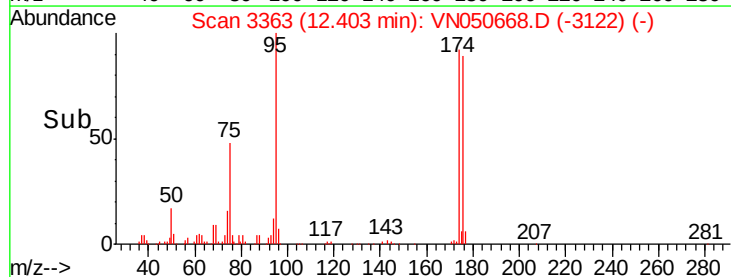
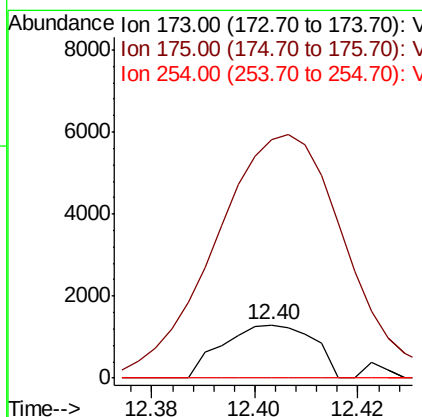
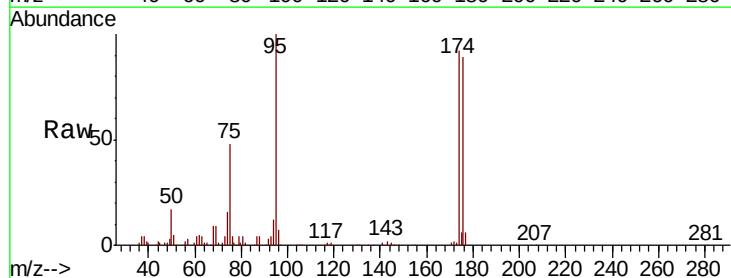
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

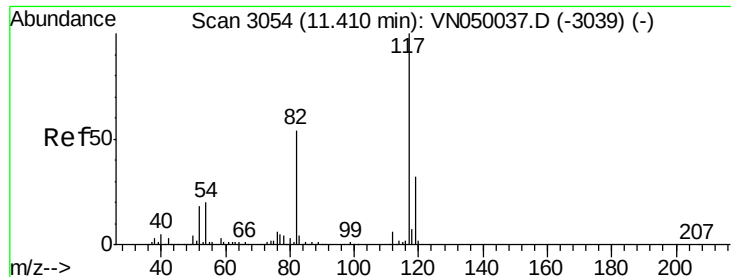
Tot Ion	69	Resp	2308
Ion Ratio	Lower	Upper	
69	100		
41	59.6	31.9	95.9
39	29.8	16.7	50.1



#56
Bromoform
Concen: 0.31 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050668.D
Acq: 15 Aug 2018 21:25

Tgt Ion	173	Resp	1575
Ion Ratio	Lower	Upper	
173	100		
175	656.6	38.6	57.8#
254	0.0	8.8	13.2#

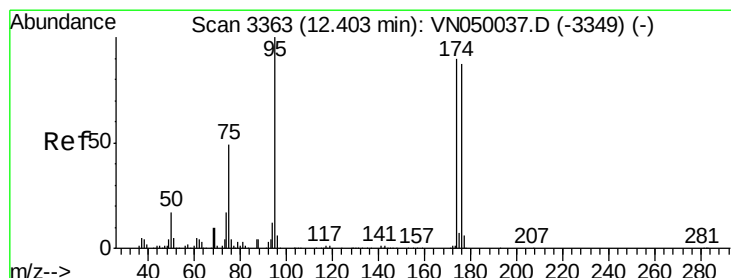
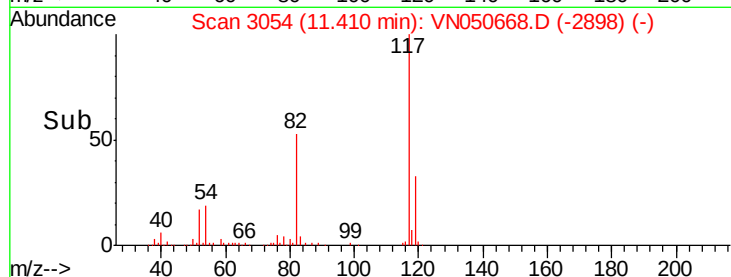
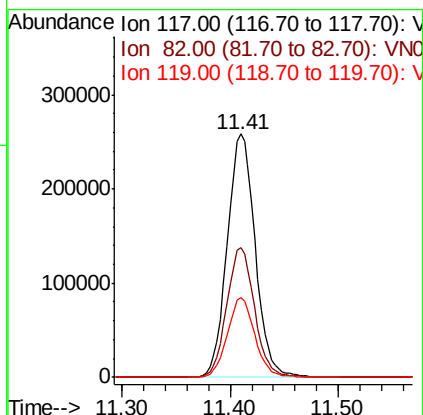
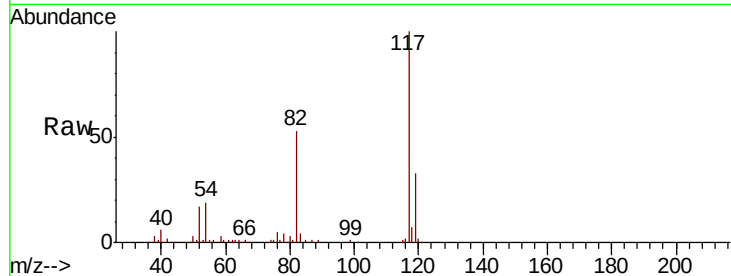




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050668.D
Acq: 15 Aug 2018 21:25

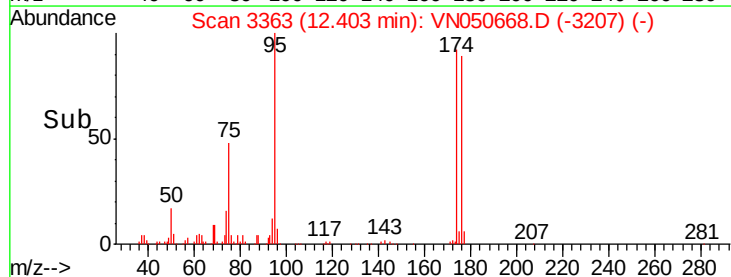
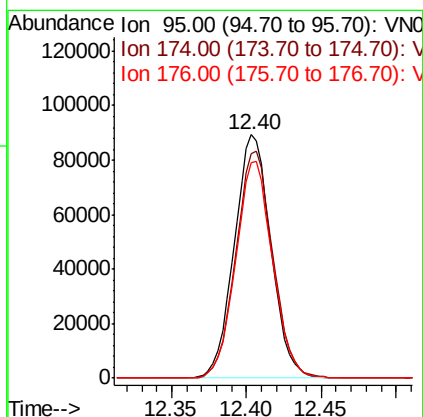
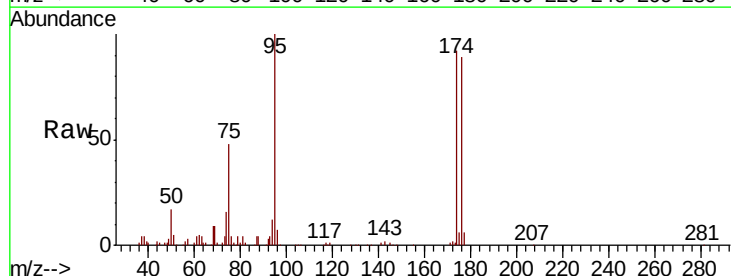
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL02

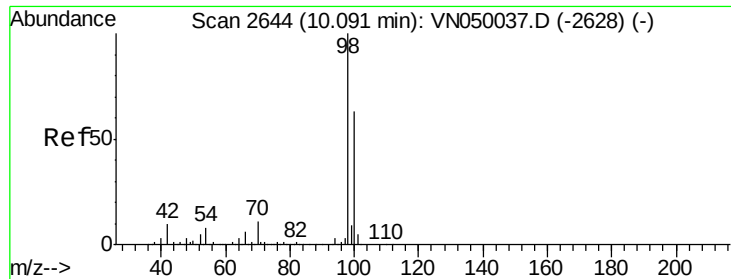
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	32.3	25.4	38.0



#60
4-Bromofluorobenzene
Concen: 21.16 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050668.D
Acq: 15 Aug 2018 21:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.3	72.3	108.5
176	89.8	70.0	105.0





#63

Toluene-d8

Concen: 29.45 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050668.D

Acq: 15 Aug 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

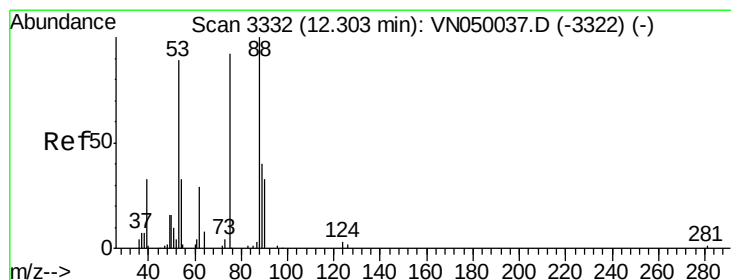
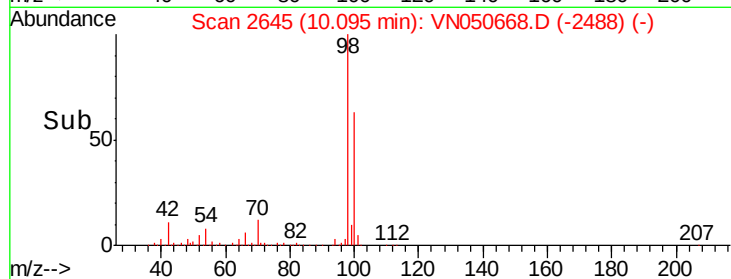
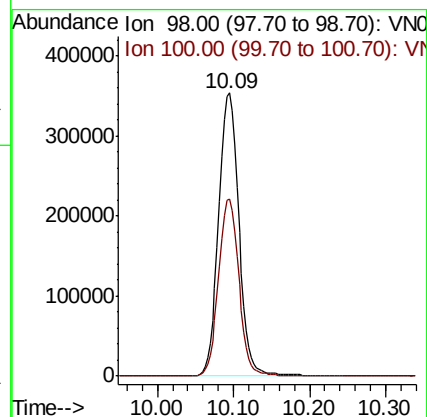
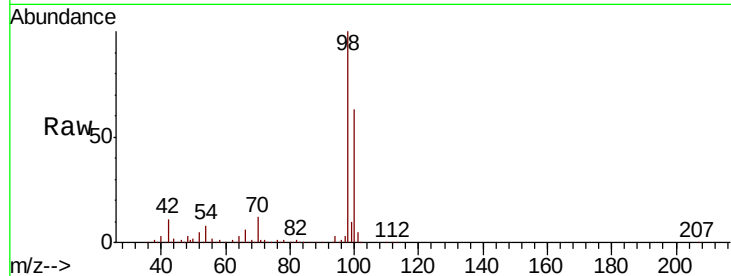
VN0815WBL02

Tot Ion: 98 Resp: 657136

Ion Ratio Lower Upper

98 100

100 62.4 51.2 76.8



#77

t-1,4-Dichloro-2-butene

Concen: 36.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050668.D

Acq: 15 Aug 2018 21:25

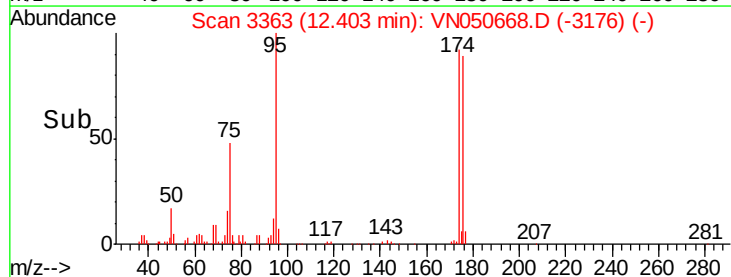
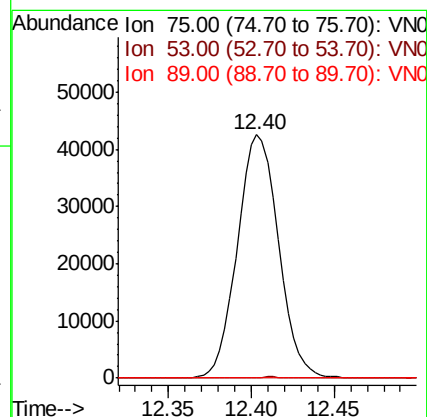
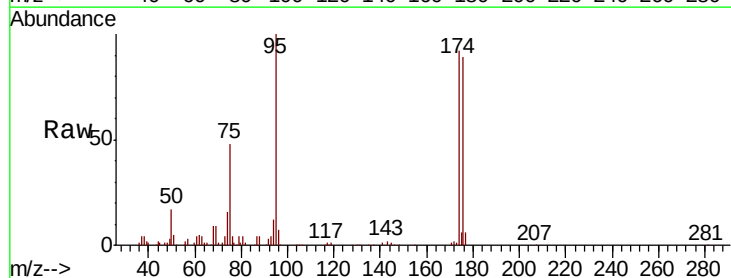
Tgt Ion: 75 Resp: 73796

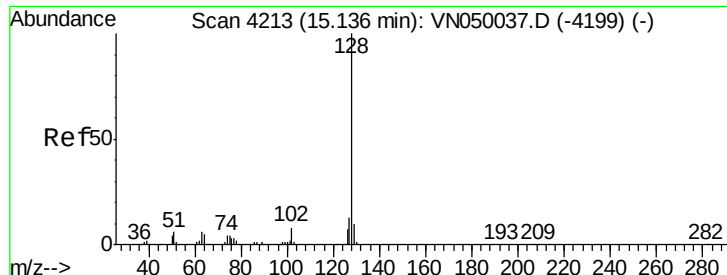
Ion Ratio Lower Upper

75 100

53 0.0 44.6 134.0#

89 0.0 20.7 62.1#





#91

Naphthalene

Concen: 7.69 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050668.D

Acq: 15 Aug 2018 21:25

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBL02

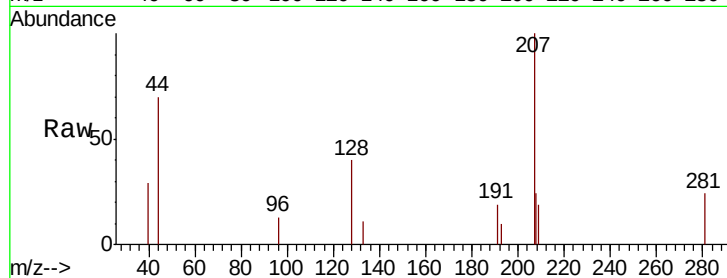
Tot Ion:128 Resp: 855

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 9.0 13.4#



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

