

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051177.D
 Acq On : 14 Sep 2018 9:44
 Operator : MD\SY
 Sample : VN0914WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL02

Quant Time: Sep 14 15:20:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	107070	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	541898	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	427757	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	203287	29.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.17%
60) 4-Bromofluorobenzene	12.40	95	128051	20.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	67.10%
63) Toluene-d8	10.09	98	614135	30.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.63%

Target Compounds

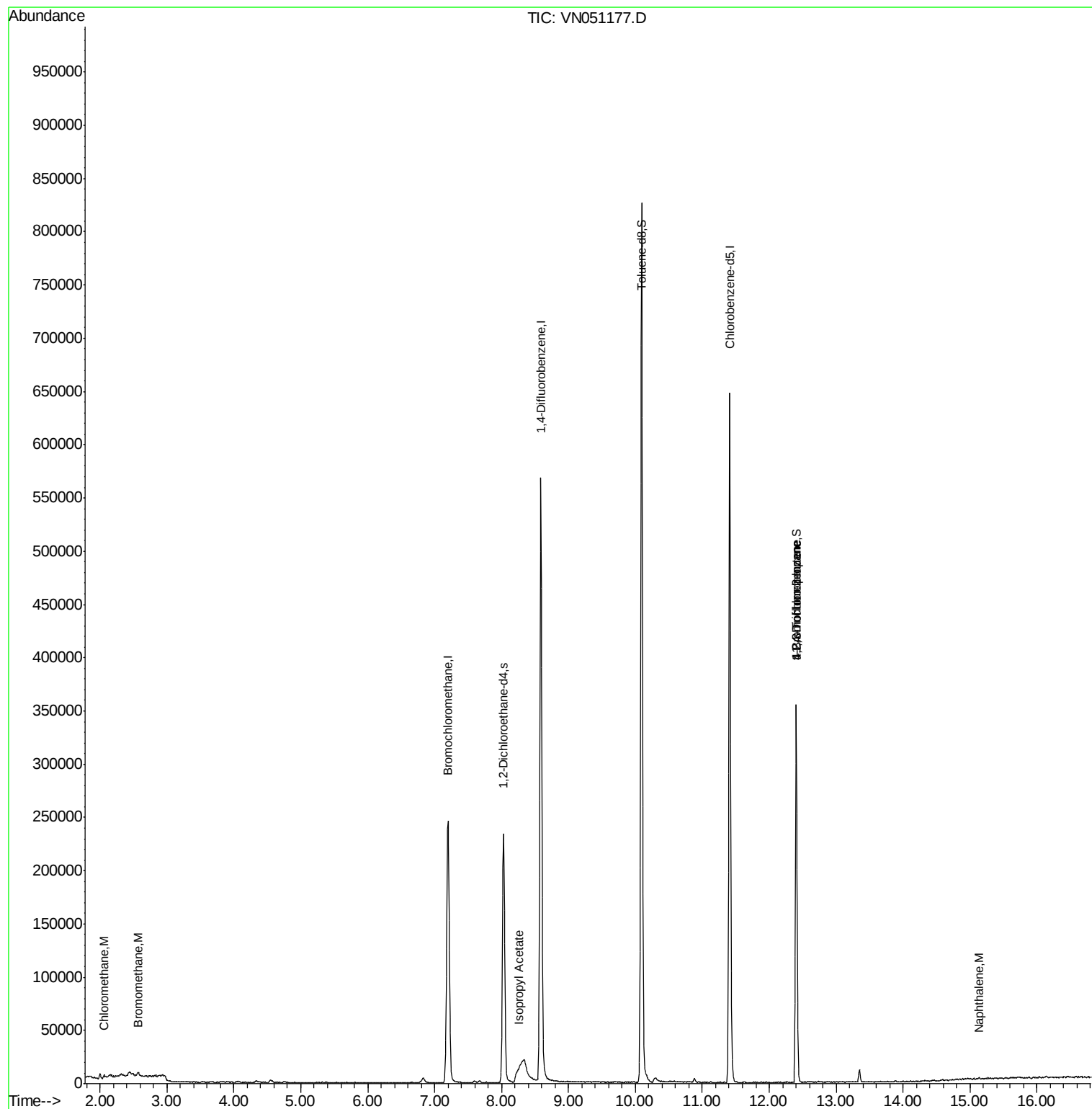
					Ovalue	
3) Chloromethane	2.06	50	2246	0.286	ug/l	91
5) Bromomethane	2.57	94	2704	0.572	ug/l	98
44) Isopropyl Acetate	8.25	43	9370	1.039	ug/l #	61
72) 1,2,3-Trichloropropane	12.40	75	58312	10.338	ug/l	1
77) t-1,4-Dichloro-2-butene	12.40	75	58312	36.286	ug/l #	13
91) Naphthalene	15.14	128	370	8.604	ug/l #	69

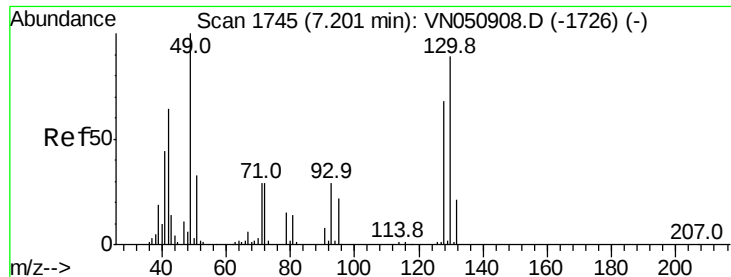
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051177.D

Acq: 14 Sep 2018 9:44

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBL02

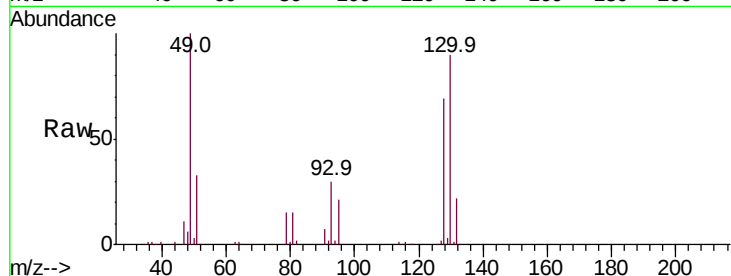
Tot Ion:128 Resp: 107070

Ion Ratio Lower Upper

128 100

49 143.3 0.0 380.3

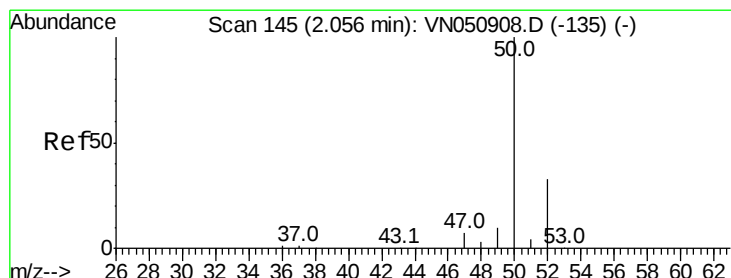
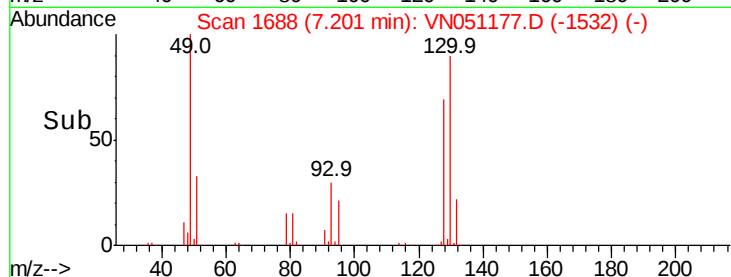
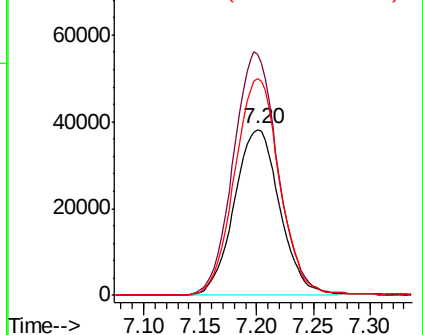
130 128.7 0.0 325.3



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: 0.286 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051177.D

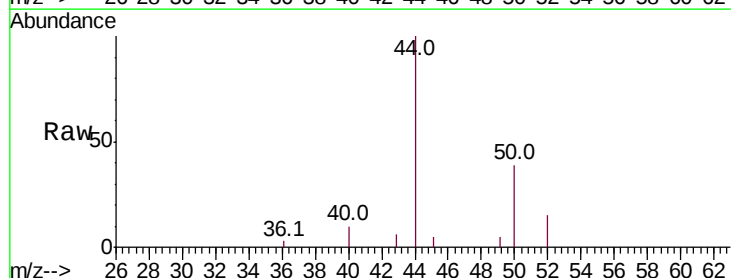
Acq: 14 Sep 2018 9:44

Tgt Ion: 50 Resp: 2246

Ion Ratio Lower Upper

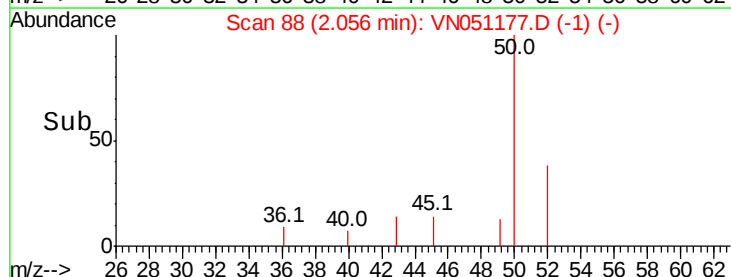
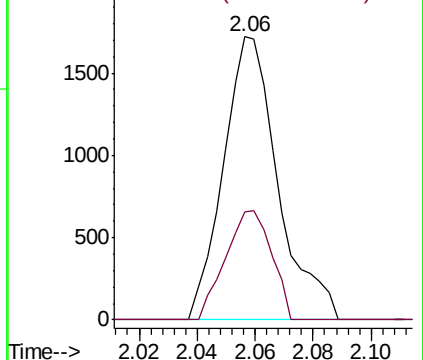
50 100

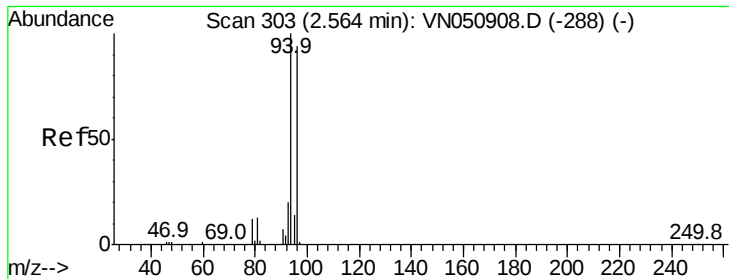
52 38.1 26.2 39.4



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#5

Bromomethane

Concen: 0.572 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051177.D

Acq: 14 Sep 2018 9:44

Instrument :

MSVOA_N

ClientSampleId :

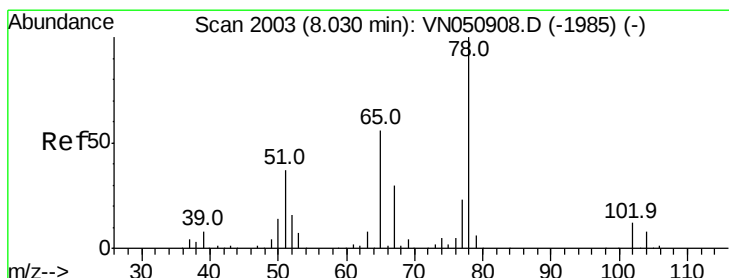
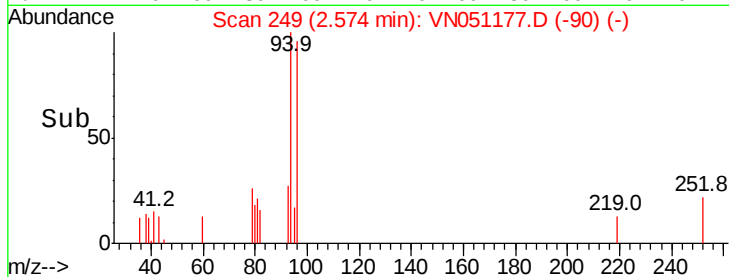
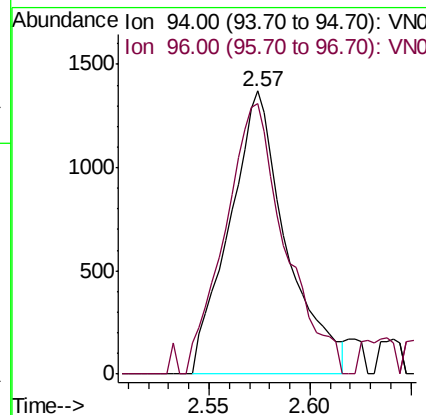
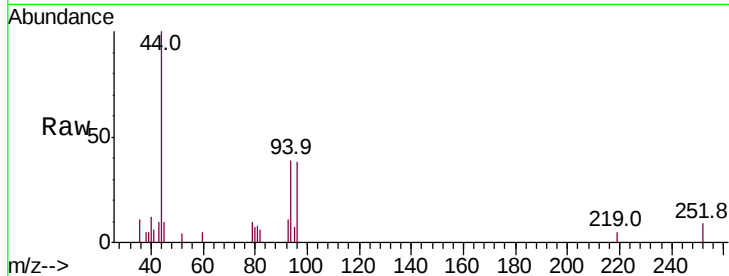
VN0914WBL02

Tot Ion: 94 Resp: 2704

Ion Ratio Lower Upper

94 100

96 95.8 74.9 112.3



#27

1,2-Dichloroethane-d4

Concen: 29.753 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051177.D

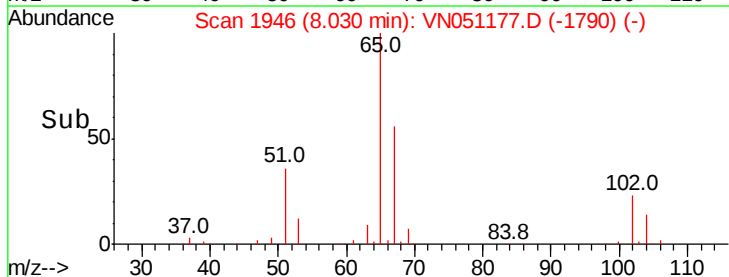
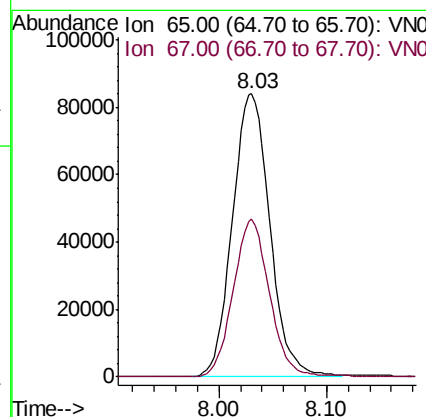
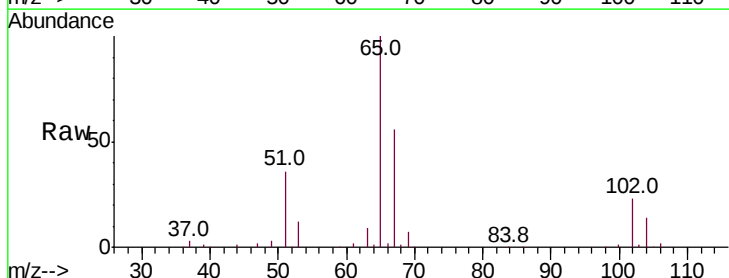
Acq: 14 Sep 2018 9:44

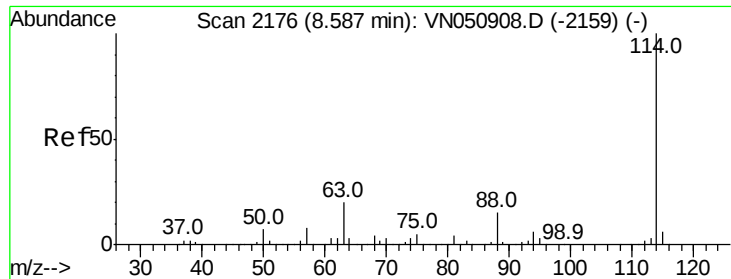
Tgt Ion: 65 Resp: 203287

Ion Ratio Lower Upper

65 100

67 53.9 43.7 65.5

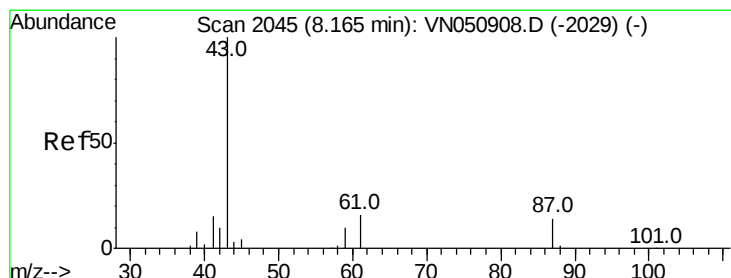
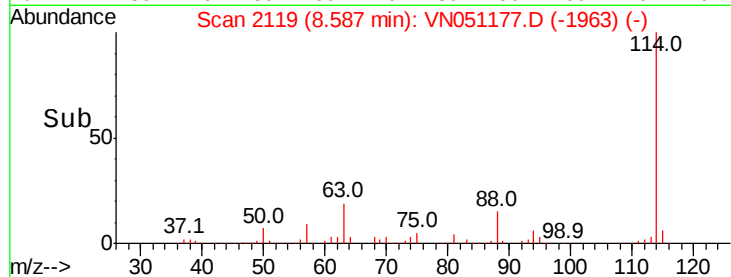
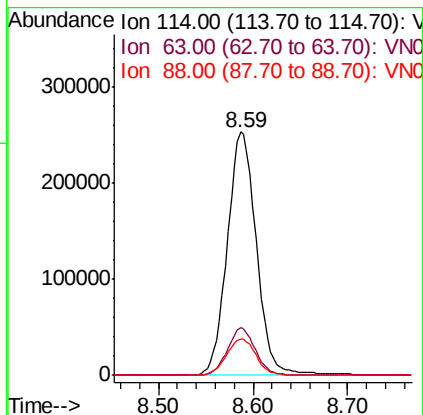
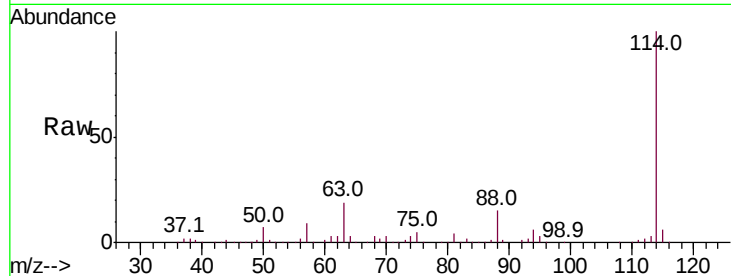




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051177.D
 Acq: 14 Sep 2018 9:44

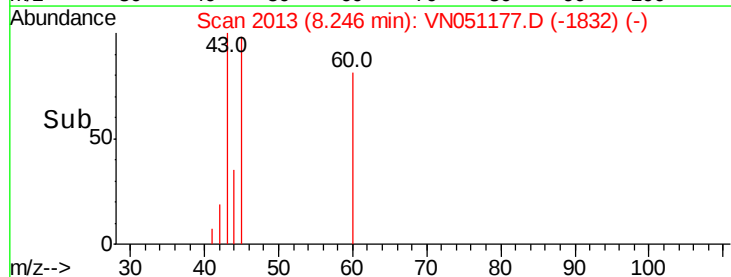
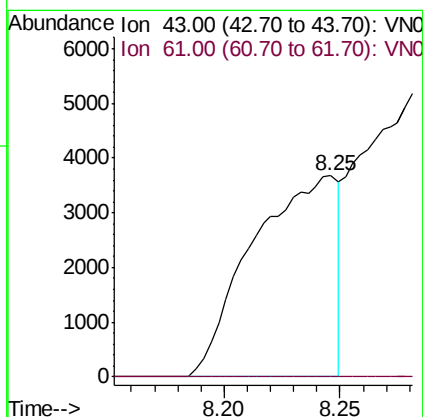
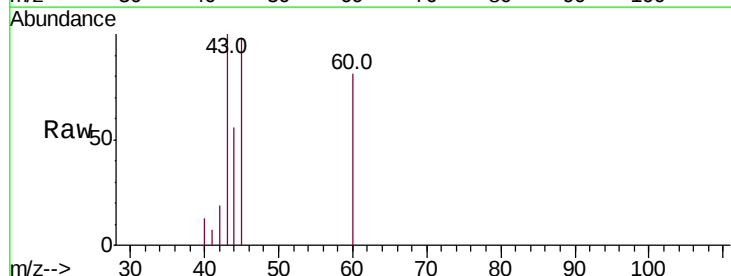
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL02

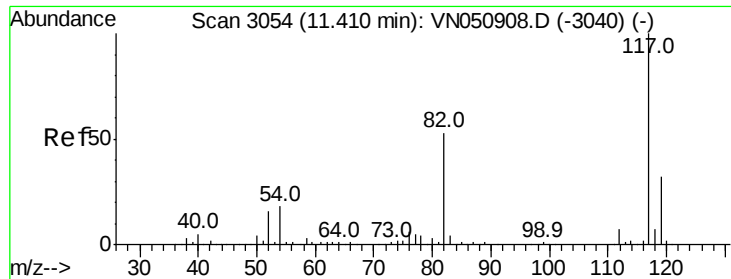
Tot Ion:114 Resp: 541898
 Ion Ratio Lower Upper
 114 100
 63 18.7 15.6 23.4
 88 15.2 12.2 18.4



#44
 Isopropyl Acetate
 Concen: 1.039 ug/l
 RT: 8.25 min Scan# 2013
 Delta R.T. 0.08 min
 Lab File: VN051177.D
 Acq: 14 Sep 2018 9:44

Tgt Ion: 43 Resp: 9370
 Ion Ratio Lower Upper
 43 100
 61 2.1 16.3 24.5#

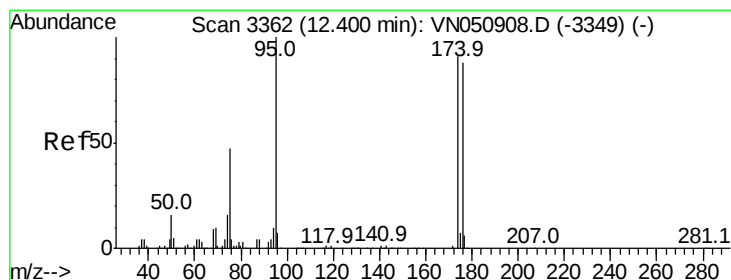
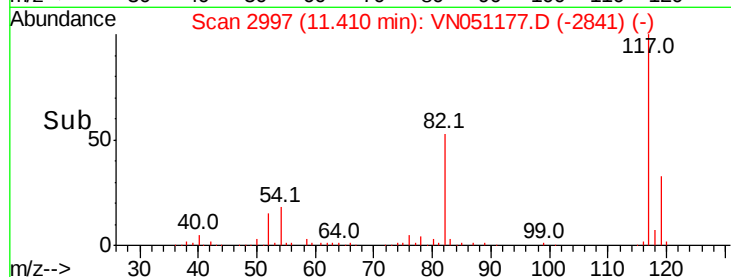
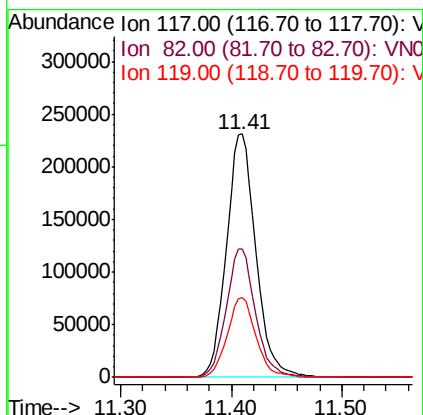
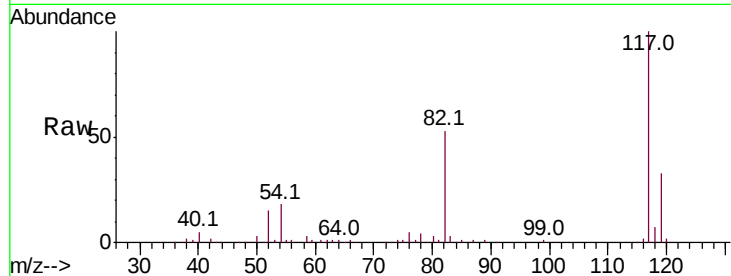




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051177.D
Acq: 14 Sep 2018 9:44

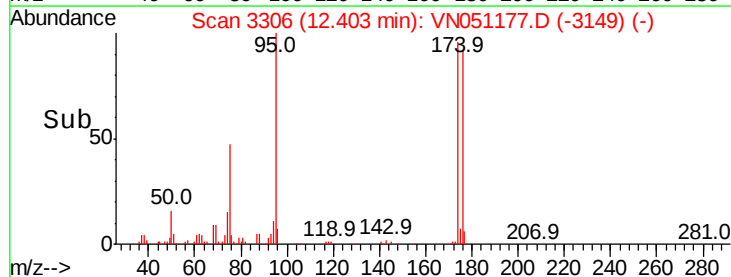
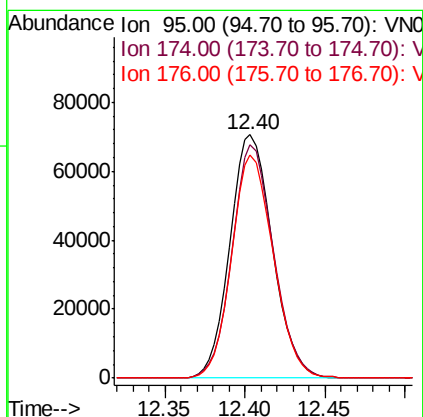
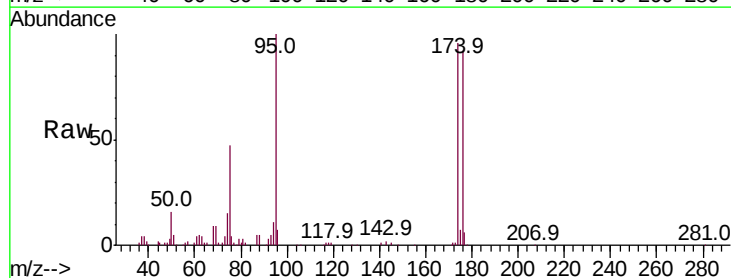
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBL02

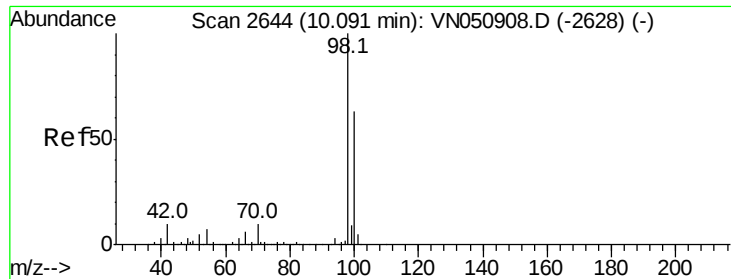
Tot Ion:117 Resp: 427757
Ion Ratio Lower Upper
117 100
82 52.2 42.6 64.0
119 32.1 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 20.131 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051177.D
Acq: 14 Sep 2018 9:44

Tgt Ion: 95 Resp: 128051
Ion Ratio Lower Upper
95 100
174 93.2 74.6 112.0
176 89.9 71.5 107.3





#63

Toluene-d8

Concen: 30.787 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051177.D

Acq: 14 Sep 2018 9:44

Instrument :

MSVOA_N

ClientSampleId :

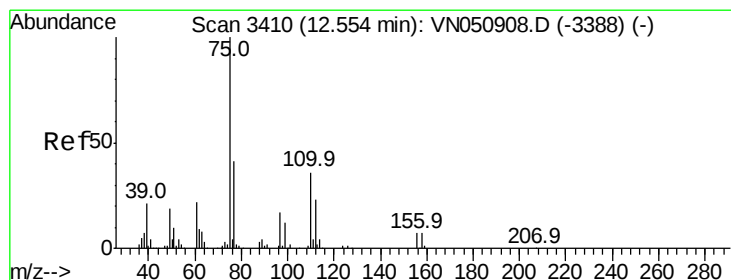
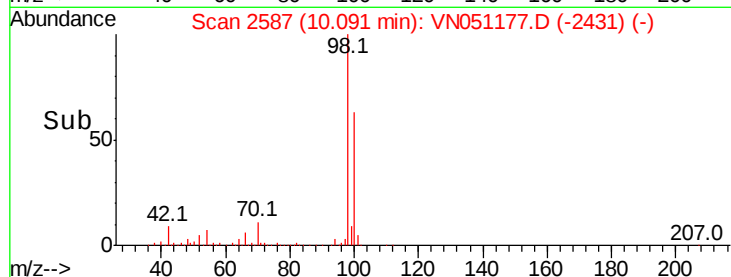
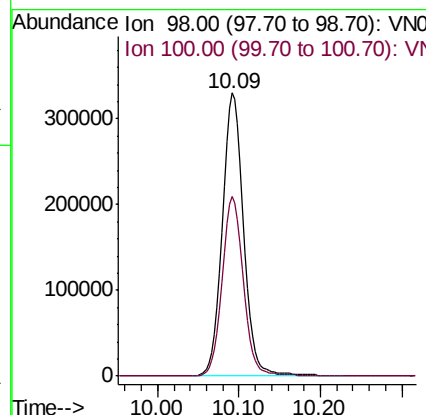
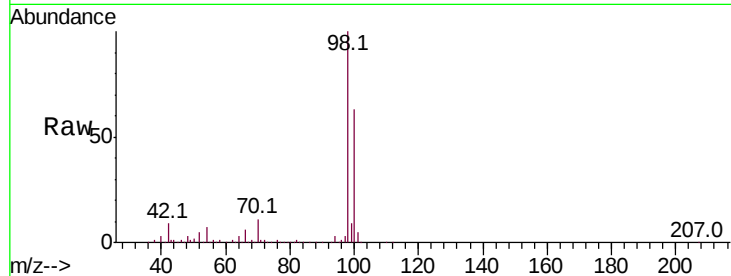
VN0914WBL02

Tot Ion: 98 Resp: 614135

Ion Ratio Lower Upper

98 100

100 62.5 50.6 75.8



#72

1,2,3-Trichloropropane

Concen: 10.338 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051177.D

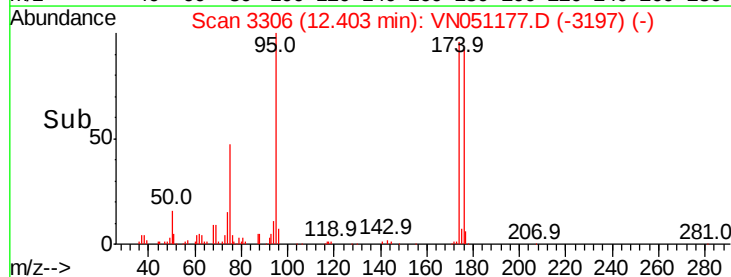
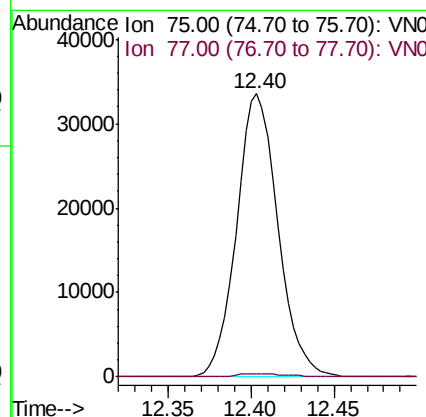
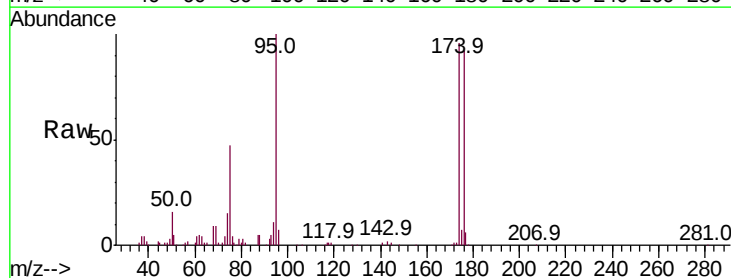
Acq: 14 Sep 2018 9:44

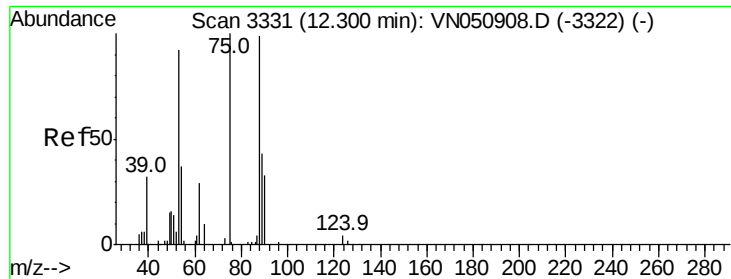
Tgt Ion: 75 Resp: 58312

Ion Ratio Lower Upper

75 100

77 1.1 0.0 301.6

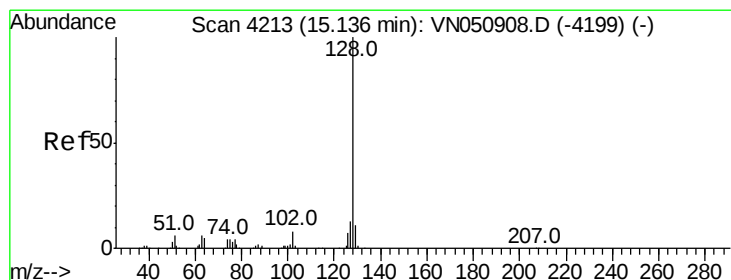
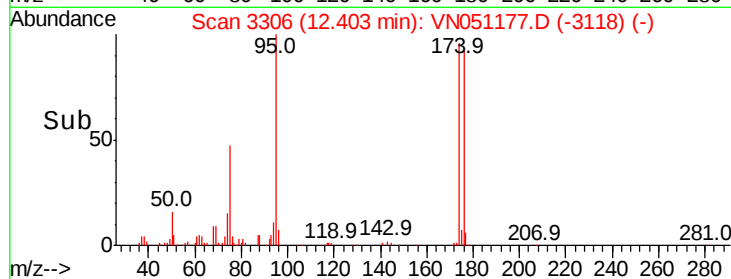
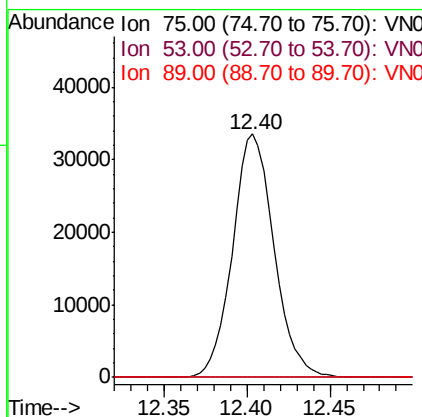
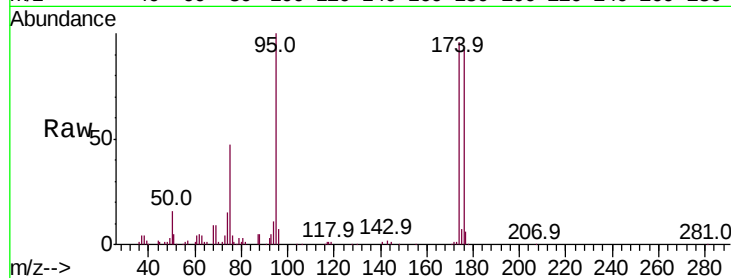




#77
t-1,4-Dichloro-2-butene
Concen: 36.286 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051177.D
Acq: 14 Sep 2018 9:44

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBL02

Tot Ion: 75 Resp: 58312
Ion Ratio Lower Upper
75 100
53 0.0 45.5 136.4#
89 0.0 21.9 65.8#



#91
Naphthalene
Concen: 8.604 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051177.D
Acq: 14 Sep 2018 9:44

Tgt Ion: 128 Resp: 370
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

