

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050914.D
 Acq On : 28 Aug 2018 15:20
 Operator : MD\SY
 Sample : J4674-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD(JULY)

Quant Time: Aug 28 16:08:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 28 14:02:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	115126	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	590351	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	494105	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	221536	30.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.50%
60) 4-Bromofluorobenzene	12.40	95	173778	23.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.83%
63) Toluene-d8	10.09	98	687565	29.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.47%

Target Compounds

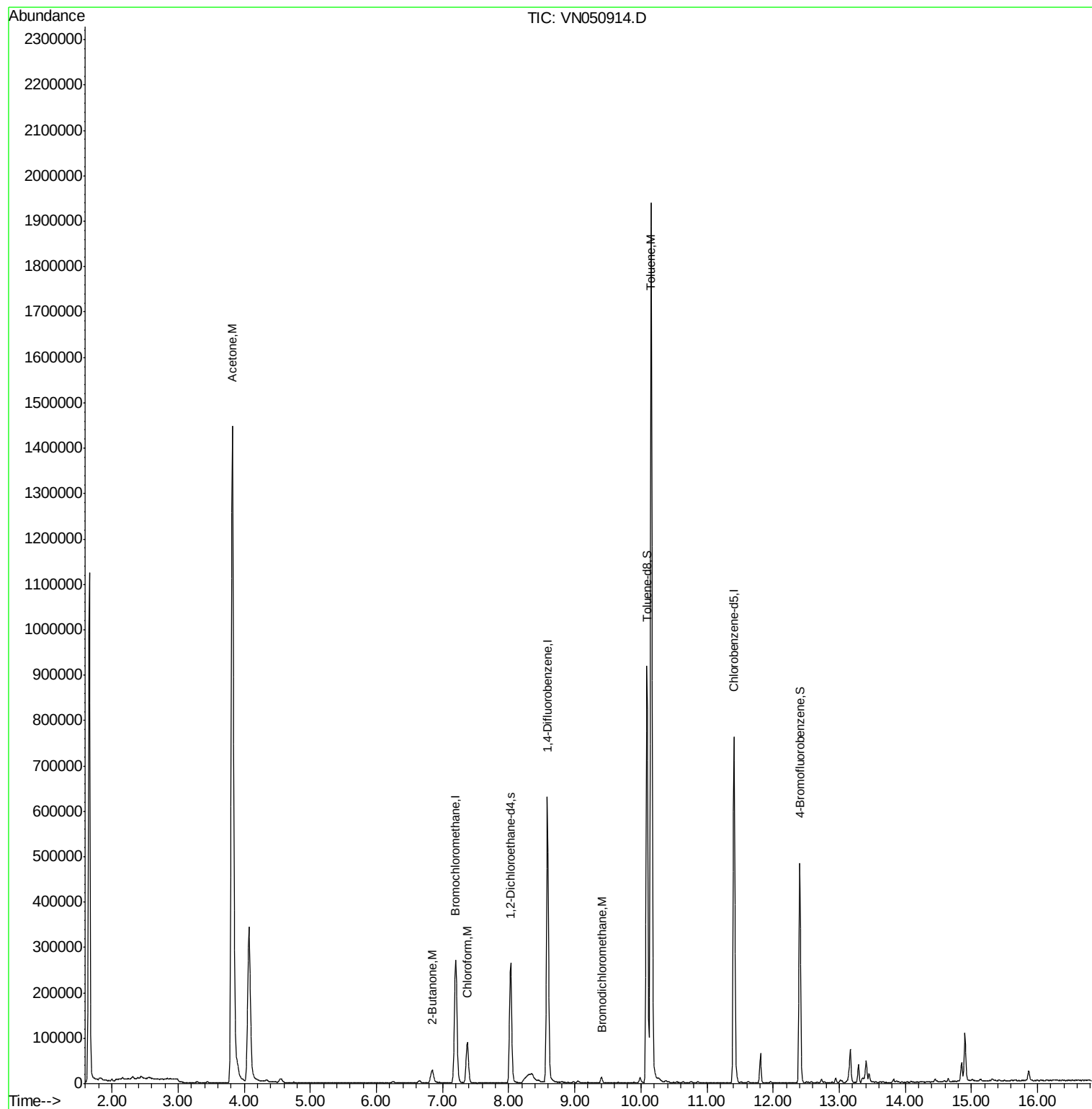
						Ovalue
15) Acetone	3.82	58	834479	1340.85	ug/l	89
25) Chloroform	7.37	83	96041	7.72	ug/l	95
30) 2-Butanone	6.84	43	39967	14.70	ug/l #	96
41) Bromodichloromethane	9.40	83	9373	1.03	ug/l	100
62) Toluene	10.16	91	1583049	57.43	ug/l	100

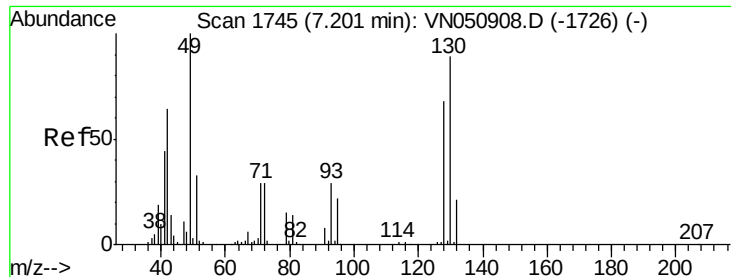
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082818\
Data File : VN050914.D
Acq On : 28 Aug 2018 15:20
Operator : MD\SY
Sample : J4674-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD(JULY)

Quant Time: Aug 28 16:08:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Aug 28 14:02:24 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: VN050914.D

Acq: 28 Aug 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD(JULY)

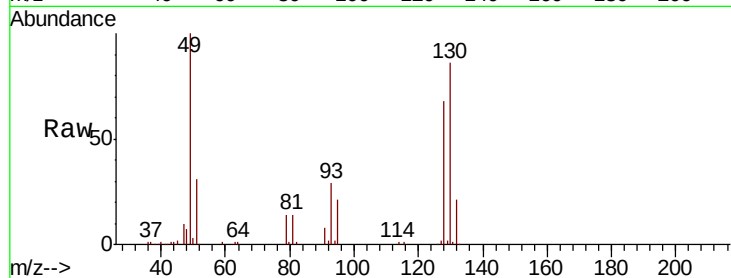
Tot Ion:128 Resp: 115126

Ion Ratio Lower Upper

128 100

49 148.9 0.0 378.3

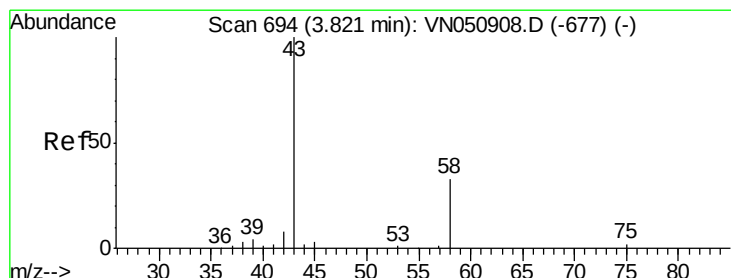
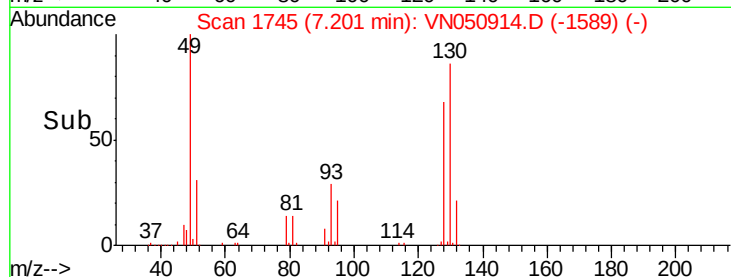
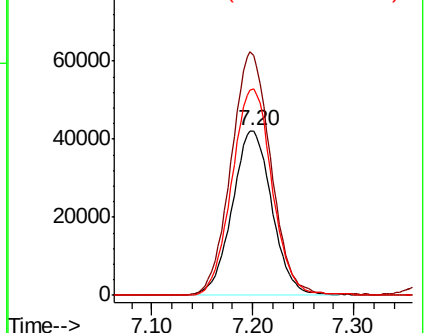
130 127.2 0.0 320.7



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



#15

Acetone

Concen: 1340.85 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050914.D

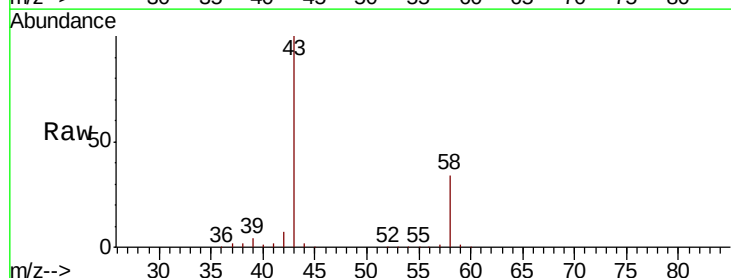
Acq: 28 Aug 2018 15:20

Tgt Ion: 58 Resp: 834479

Ion Ratio Lower Upper

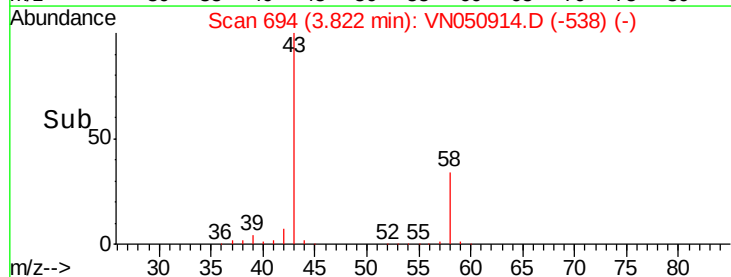
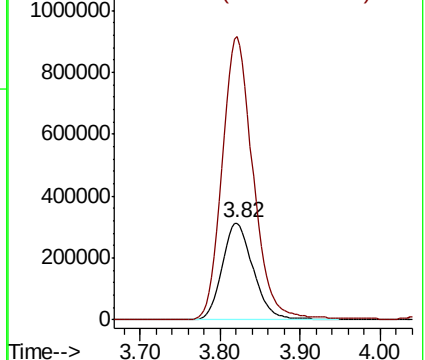
58 100

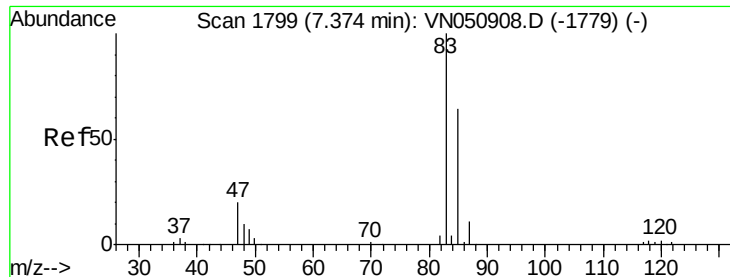
43 292.8 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

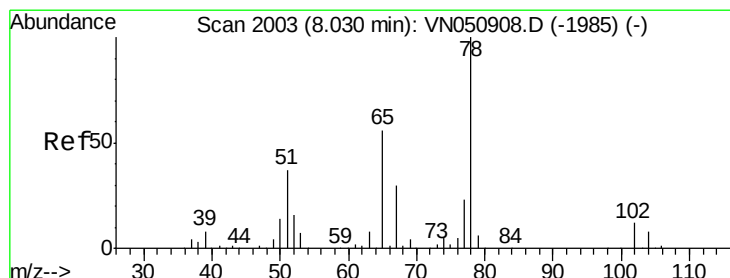
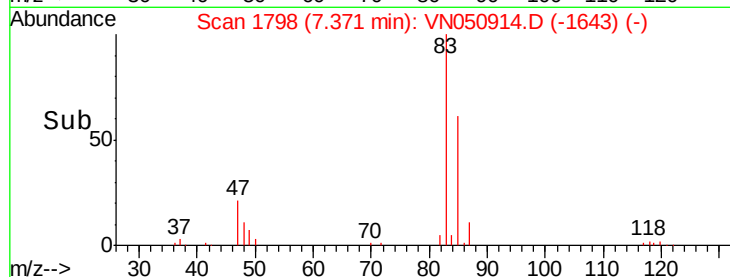
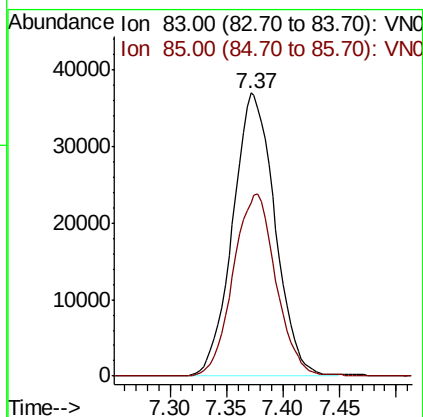
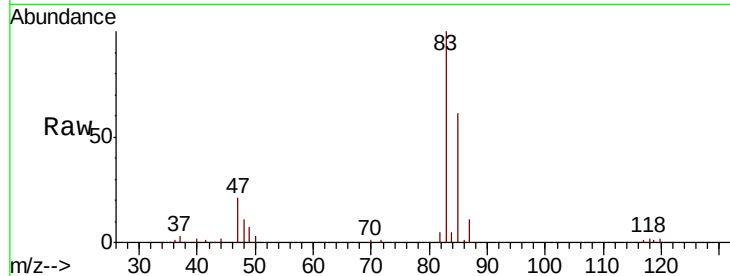




#25
Chloroform
Concen: 7.72 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050914.D
Acq: 28 Aug 2018 15:20

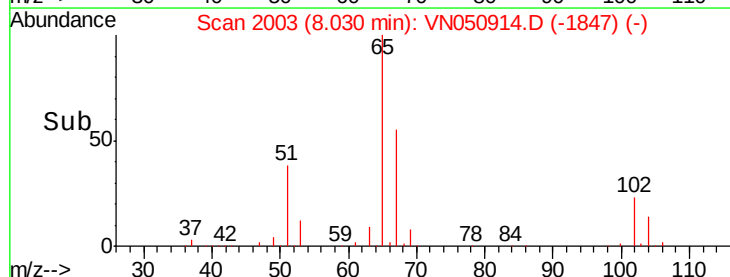
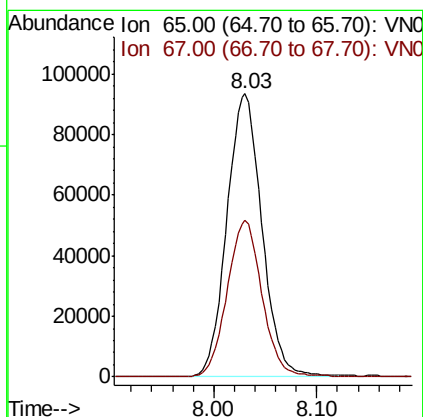
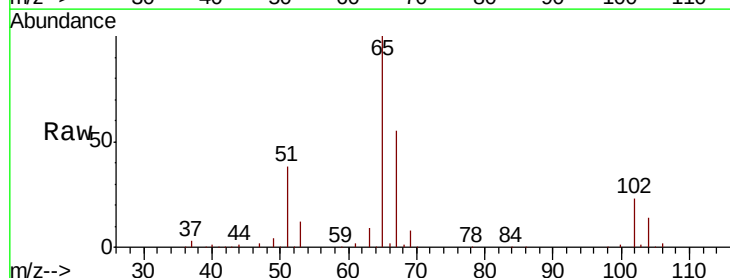
Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD(JULY)

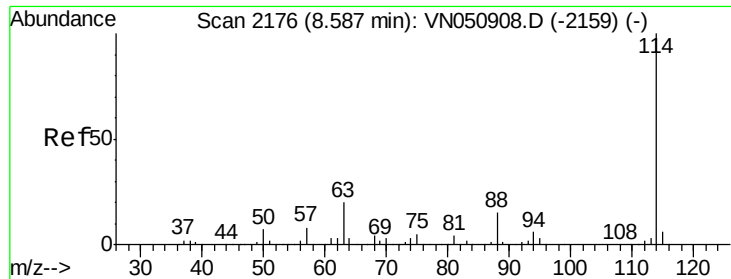
Tot Ion: 83 Resp: 96041
Ion Ratio Lower Upper
83 100
85 61.4 52.1 78.1



#27
1,2-Dichloroethane-d4
Concen: 30.15 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050914.D
Acq: 28 Aug 2018 15:20

Tgt Ion: 65 Resp: 221536
Ion Ratio Lower Upper
65 100
67 54.7 42.7 64.1

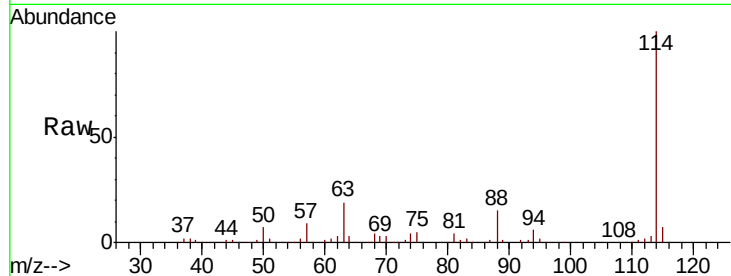




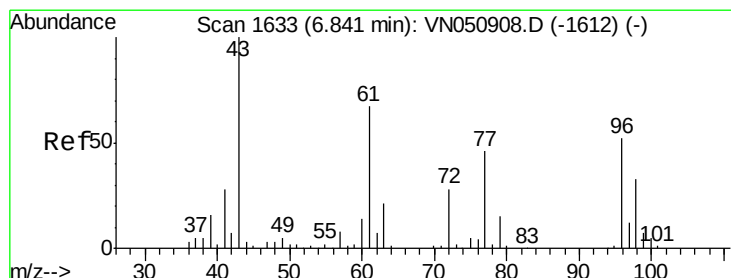
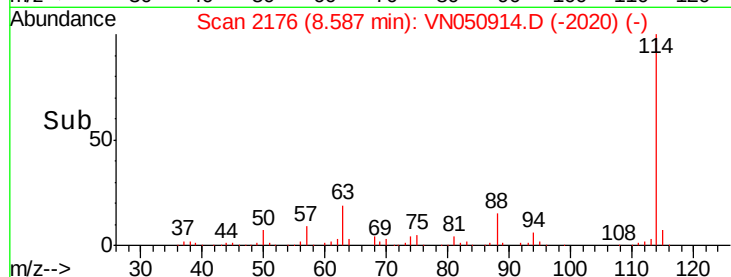
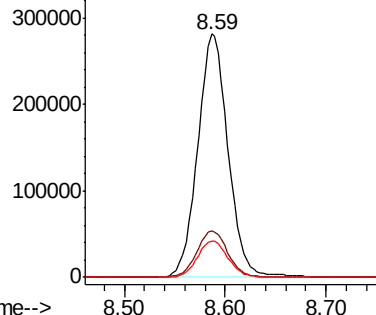
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050914.D
 Acq: 28 Aug 2018 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD(JULY)

Tot Ion:114 Resp: 590351
 Ion Ratio Lower Upper
 114 100
 63 19.6 16.2 24.2
 88 15.2 12.3 18.5

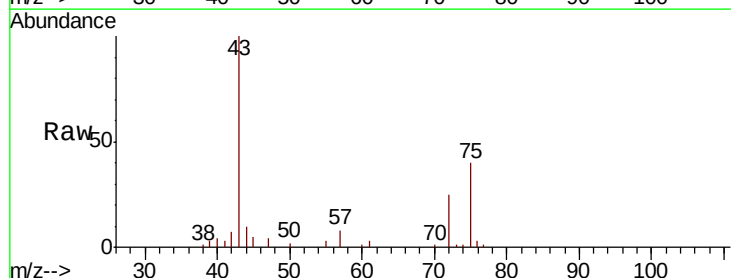


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

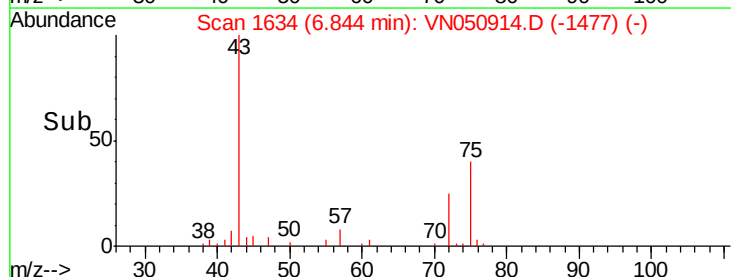
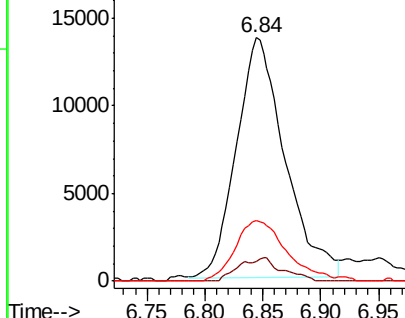


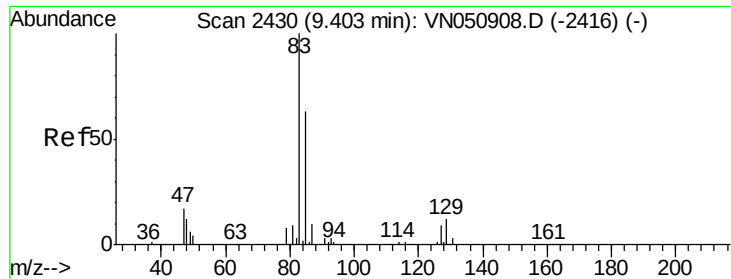
#30
 2-Butanone
 Concen: 14.70 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VN050914.D
 Acq: 28 Aug 2018 15:20

Tgt Ion: 43 Resp: 39967
 Ion Ratio Lower Upper
 43 100
 57 2.7 6.8 10.2#
 72 26.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN
 Ion 57.00 (56.70 to 57.70): VN
 Ion 72.00 (71.70 to 72.70): VN





#41

Bromodichloromethane

Concen: 1.03 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050914.D

Acq: 28 Aug 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD(JULY)

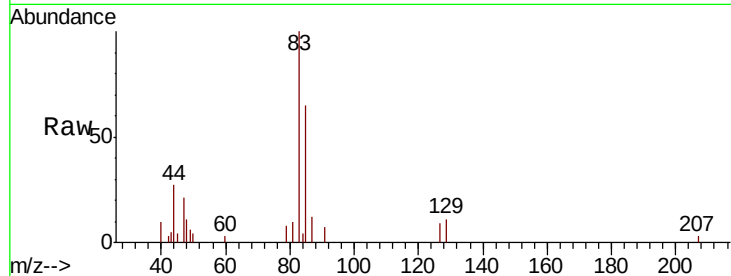
Tot Ion: 83 Resp: 9373

Ion Ratio Lower Upper

83 100

85 65.4 52.6 78.8

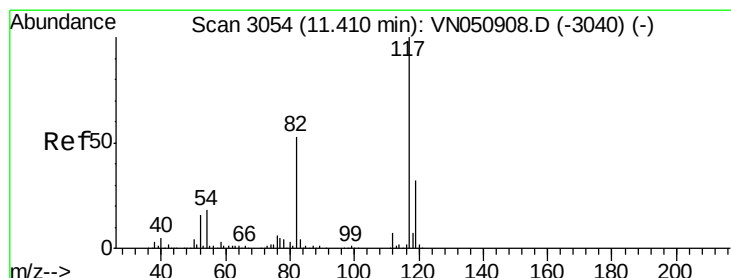
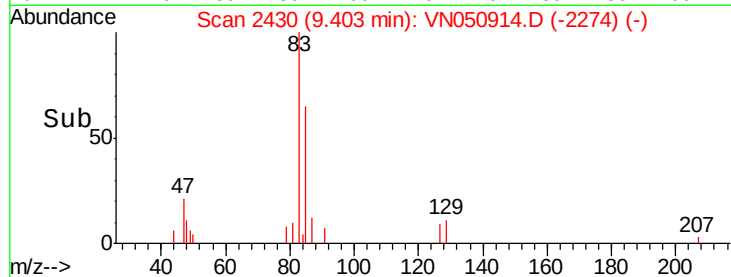
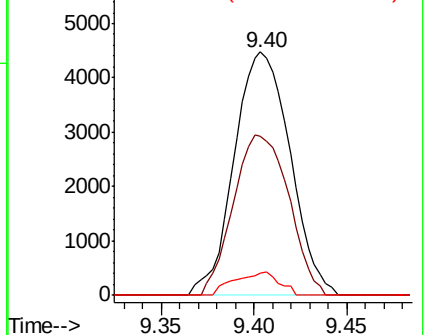
127 9.2 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN050914.D (-2274) (-)

Ion 85.00 (84.70 to 85.70): VN050914.D (-2274) (-)

Ion 127.00 (126.70 to 127.70): VN050914.D (-2274) (-)



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050914.D

Acq: 28 Aug 2018 15:20

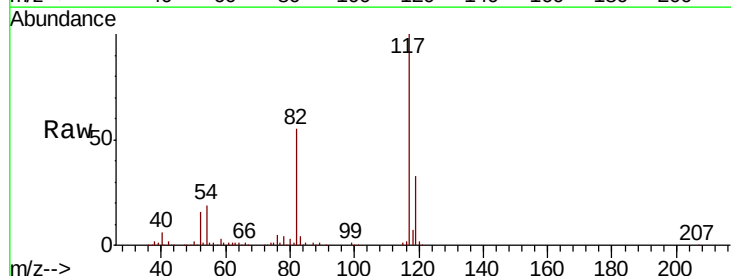
Tgt Ion: 117 Resp: 494105

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

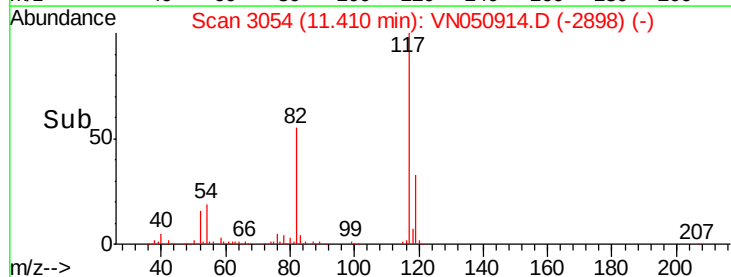
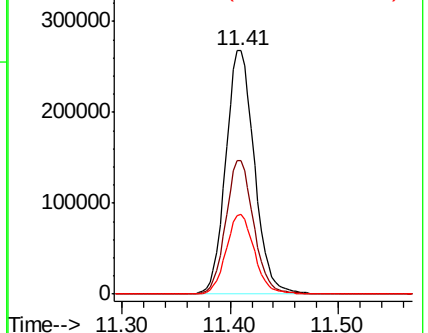
119 32.3 25.4 38.0

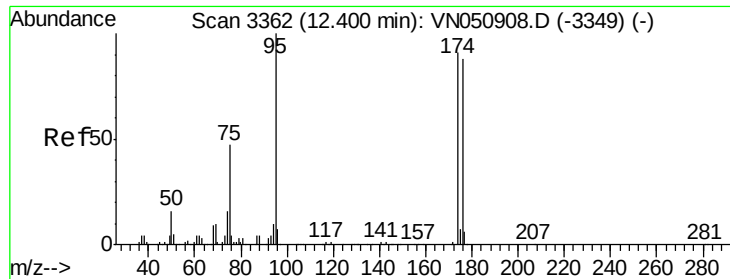


Abundance Ion 117.00 (116.70 to 117.70): VN050914.D (-2898) (-)

Ion 82.00 (81.70 to 82.70): VN050914.D (-2898) (-)

Ion 119.00 (118.70 to 119.70): VN050914.D (-2898) (-)





#60

4-Bromofluorobenzene

Concen: 23.65 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050914.D

Acq: 28 Aug 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD(JULY)

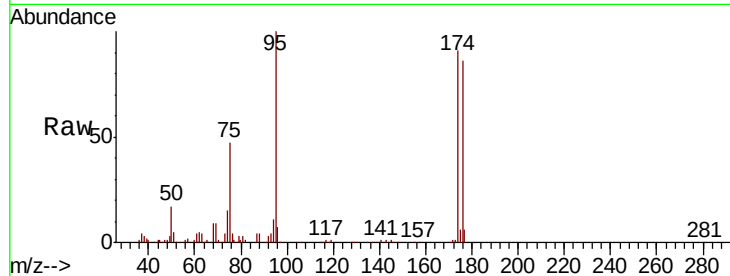
Tot Ion: 95 Resp: 173778

Ion Ratio Lower Upper

95 100

174 90.9 72.3 108.5

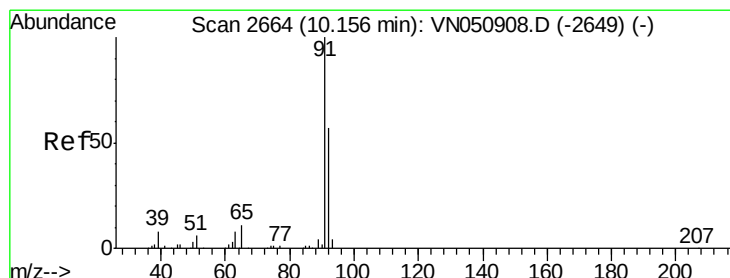
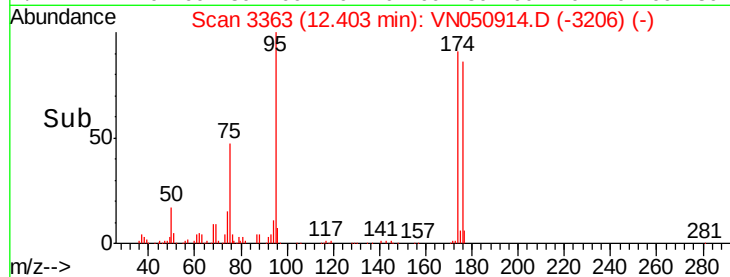
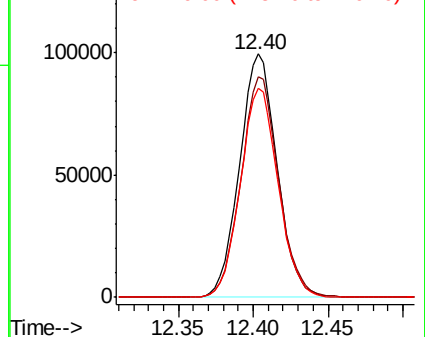
176 86.6 70.0 105.0



Abundance Ion 95.00 (94.70 to 95.70): VN050908.D (-3349) (-)

Ion 174.00 (173.70 to 174.70): VN050908.D (-3349) (-)

Ion 176.00 (175.70 to 176.70): VN050908.D (-3349) (-)



#62

Toluene

Concen: 57.43 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN050914.D

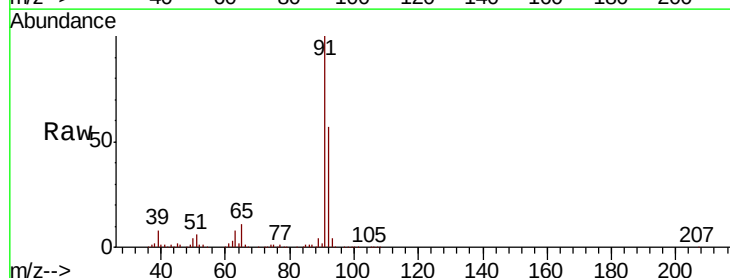
Acq: 28 Aug 2018 15:20

Tgt Ion: 91 Resp: 1583049

Ion Ratio Lower Upper

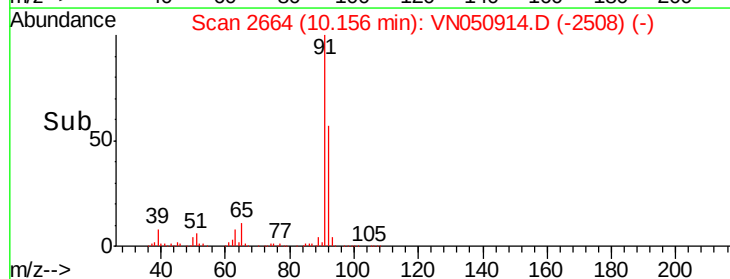
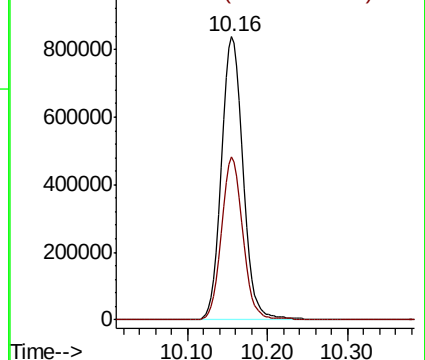
91 100

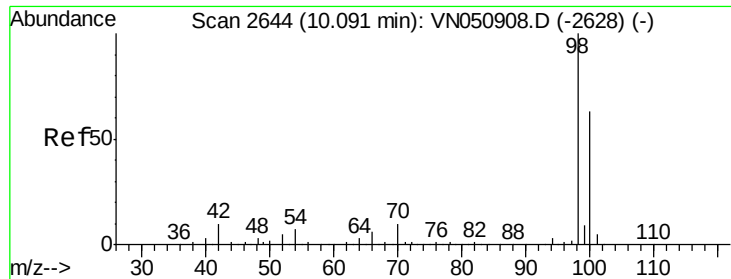
92 56.9 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN050908.D (-2649) (-)

Ion 92.00 (91.70 to 92.70): VN050908.D (-2649) (-)





#63

Toluene-d8

Concen: 29.84 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050914.D

Acq: 28 Aug 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD(JULY)

Tot Ion: 98 Resp: 687565

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8

