

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054930.D
 Acq On : 3 Apr 2019 17:19
 Operator : JC/SP
 Sample : K2197-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-040219-B

Quant Time: Apr 04 03:17:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

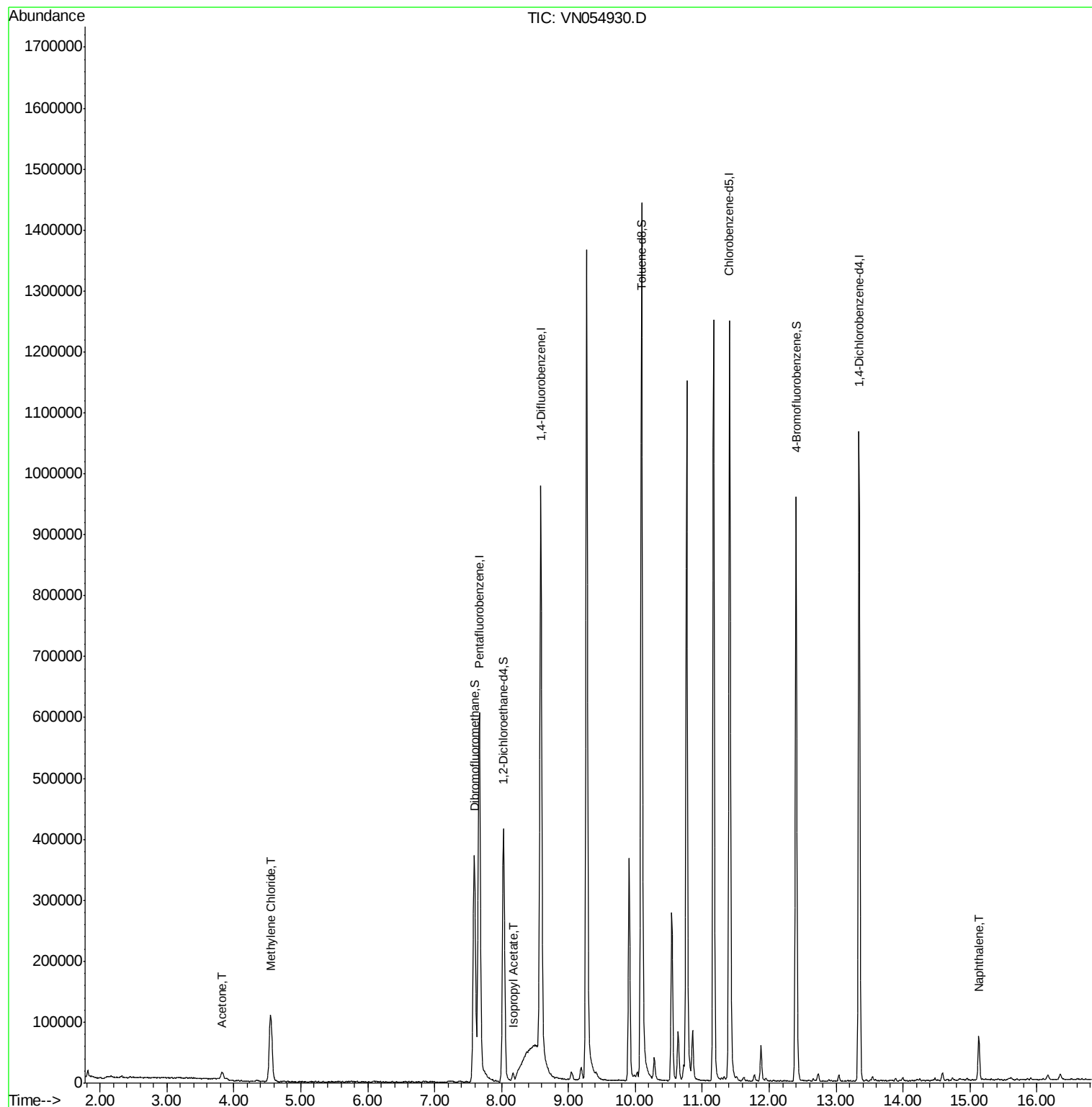
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	531596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	748558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	281933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	356615	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
35) Dibromofluoromethane	7.59	113	280248	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	10.09	98	1043636	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.40	95	325826	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
16) Acetone	3.82	43	21073	12.332	ug/l #	87
20) Methylene Chloride	4.54	84	76583	12.705	ug/l #	85
43) Isopropyl Acetate	8.17	43	15992	1.641	ug/l #	95
95) Naphthalene	15.13	128	61021	6.005	ug/l	99

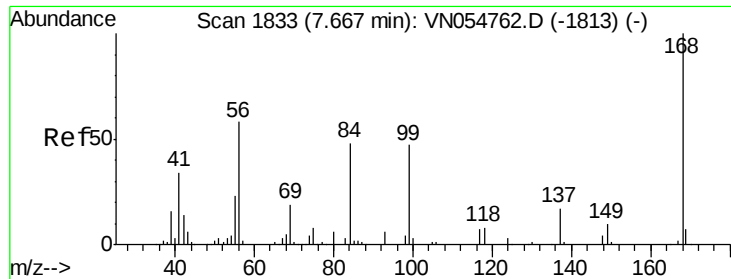
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054930.D

Acq: 3 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

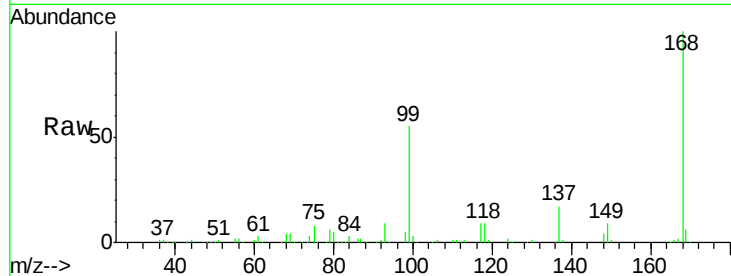
CL-02-040219-B

Tot Ion:168 Resp: 531596

Ion Ratio Lower Upper

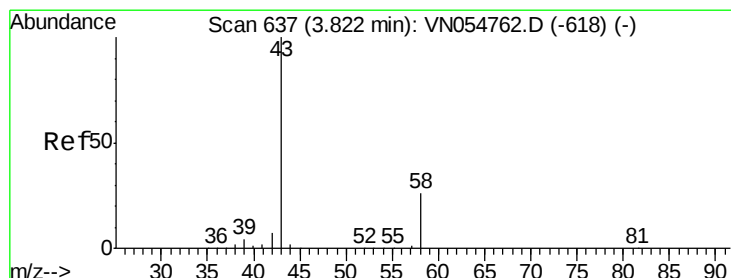
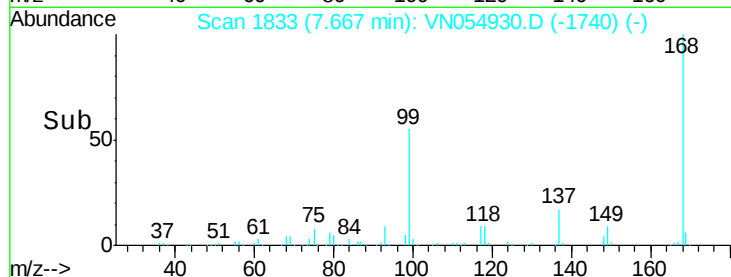
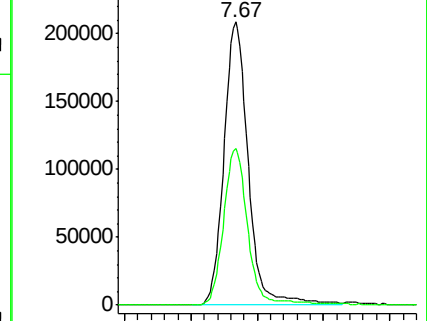
168 100

99 55.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.332 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054930.D

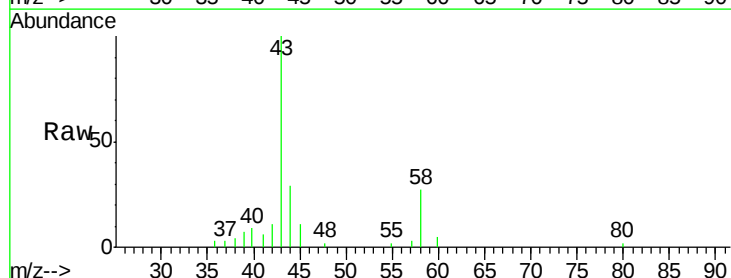
Acq: 3 Apr 2019 17:19

Tgt Ion: 43 Resp: 21073

Ion Ratio Lower Upper

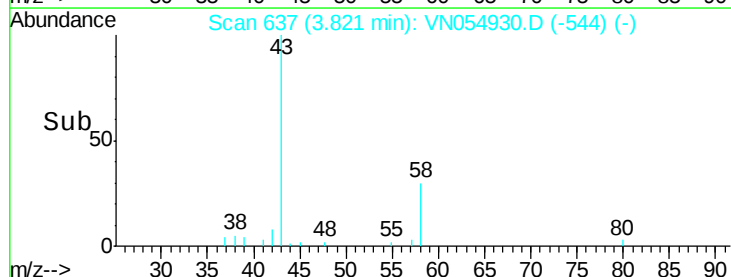
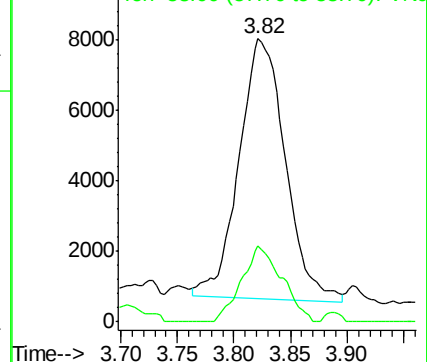
43 100

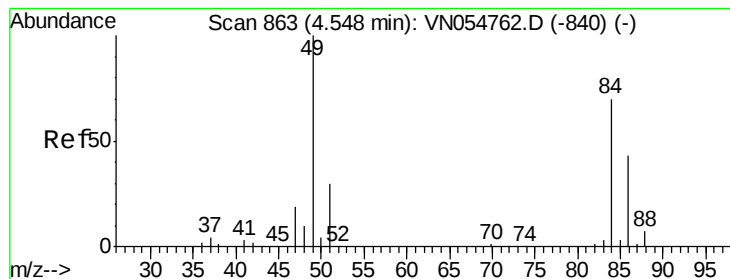
58 29.6 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 12.705 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.01 min

Lab File: VN054930.D

Acq: 3 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

CL-02-040219-B

Tot Ion: 84 Resp: 76583

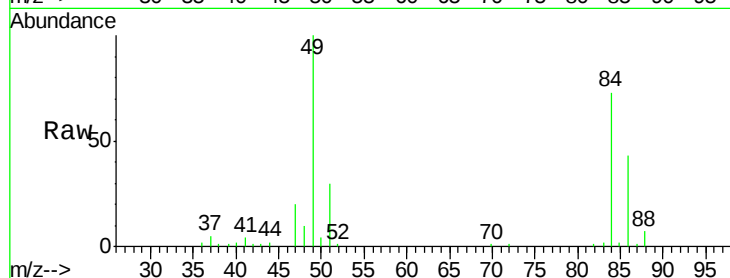
Ion Ratio Lower Upper

84 100

49 136.2 89.7 134.5#

51 40.8 28.2 42.4

86 59.0 50.8 76.2

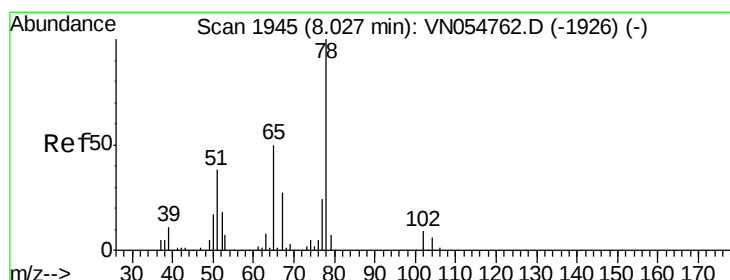
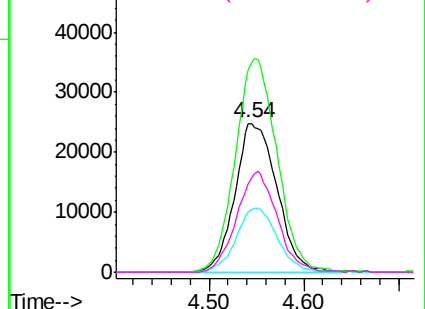
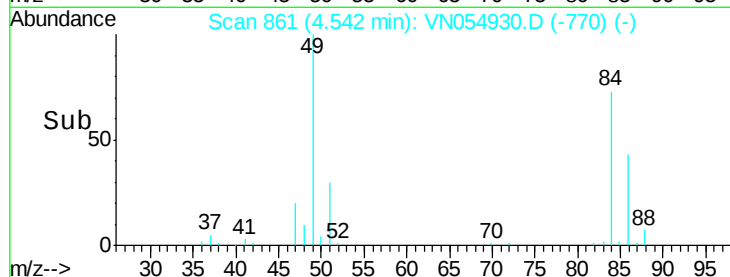


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.765 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054930.D

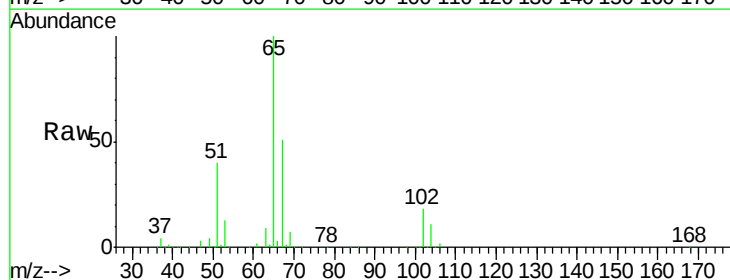
Acq: 3 Apr 2019 17:19

Tgt Ion: 65 Resp: 356615

Ion Ratio Lower Upper

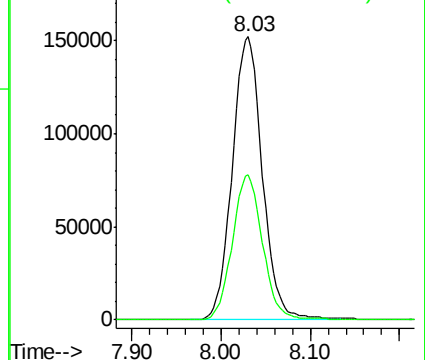
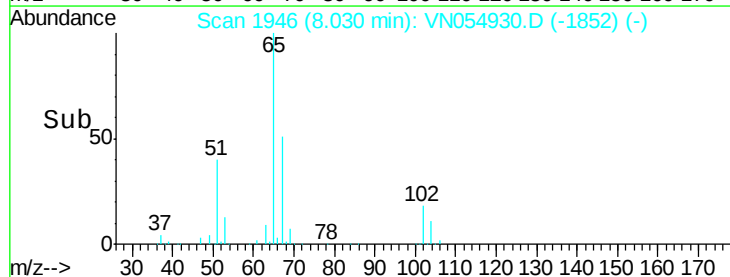
65 100

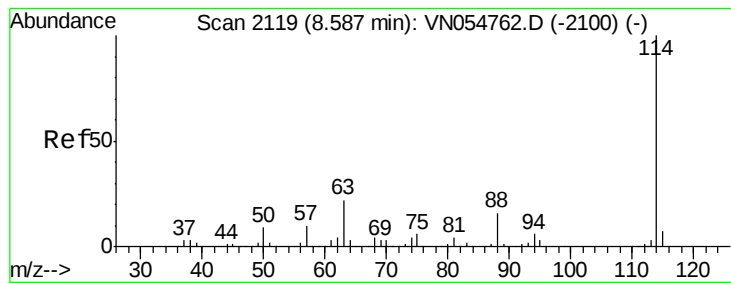
67 51.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054930.D

Acq: 3 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

CL-02-040219-B

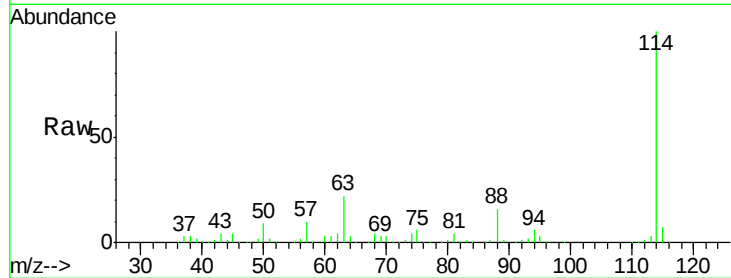
Tot Ion:114 Resp: 877938

Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.2

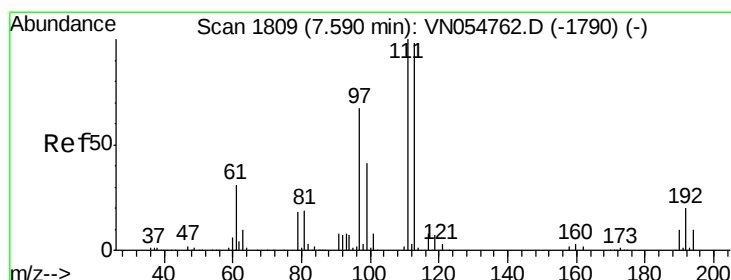
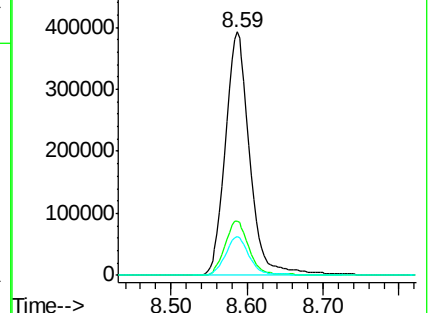
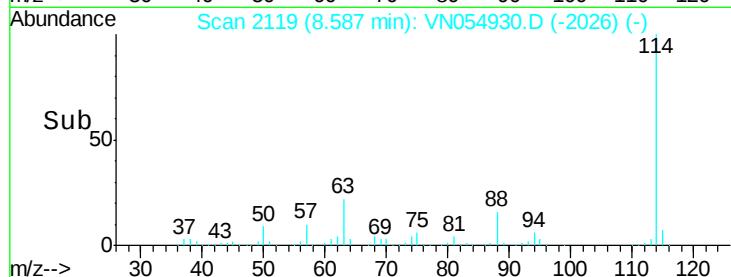
88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.880 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054930.D

Acq: 3 Apr 2019 17:19

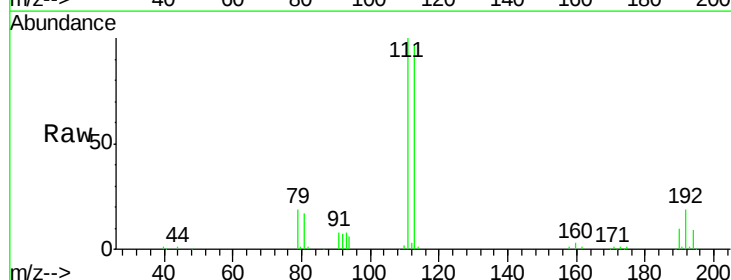
Tgt Ion:113 Resp: 280248

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

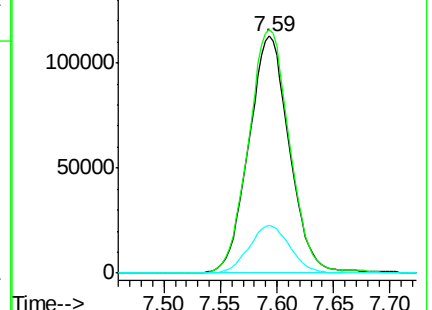
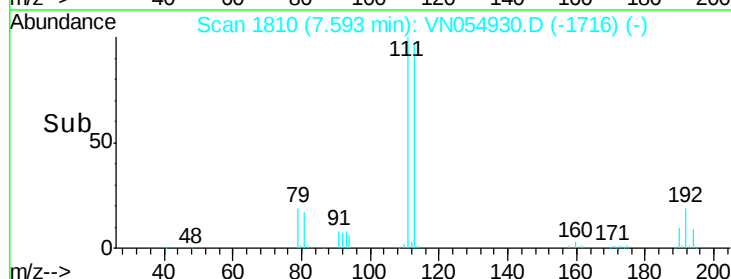
192 20.3 19.2 28.8

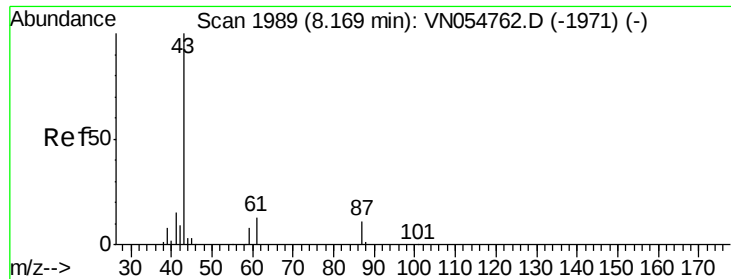


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.641 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054930.D

Acq: 3 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

CL-02-040219-B

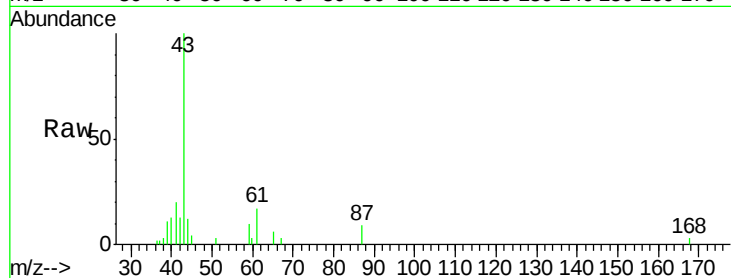
Tot Ion: 43 Resp: 15992

Ion Ratio Lower Upper

43 100

61 19.0 15.8 23.8

87 11.4 12.0 18.0#

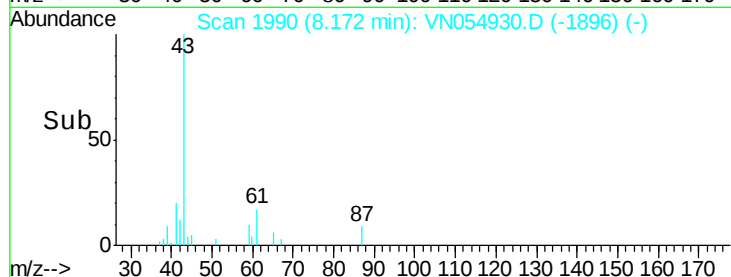


Abundance Ion 43.00 (42.70 to 43.70): VN054930.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054930.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054930.D (-1896) (-)

Time-->



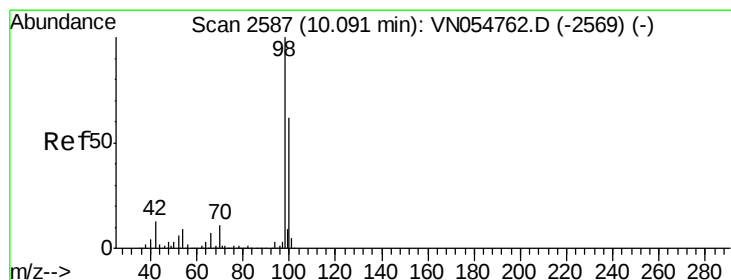
Abundance

Ion 43.00 (42.70 to 43.70): VN054930.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054930.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054930.D (-1896) (-)

Time-->



#50

Toluene-d8

Concen: 47.960 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054930.D

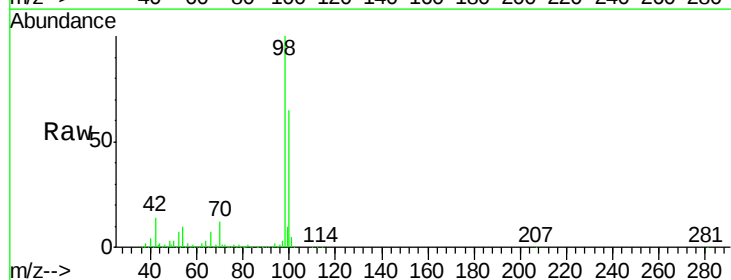
Acq: 3 Apr 2019 17:19

Tgt Ion: 98 Resp: 1043636

Ion Ratio Lower Upper

98 100

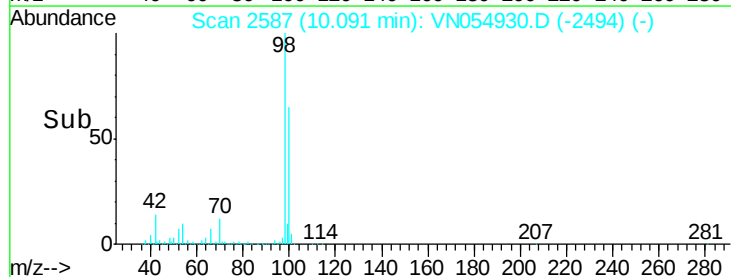
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054930.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054930.D (-2494) (-)

Time-->

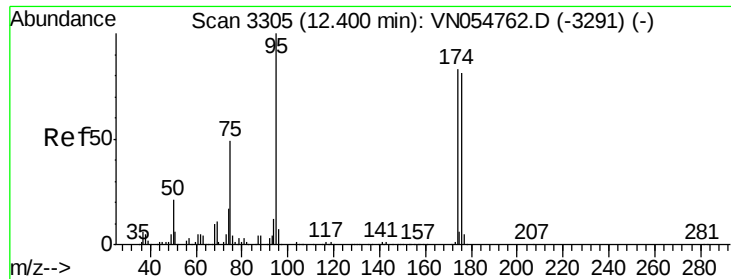


Abundance

Ion 98.00 (97.70 to 98.70): VN054930.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054930.D (-2494) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 45.022 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054930.D

Acq: 3 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

CL-02-040219-B

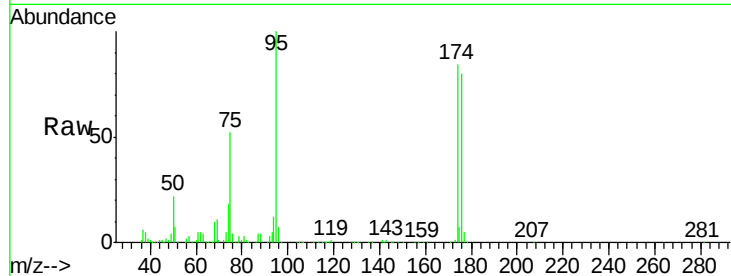
Tot Ion: 95 Resp: 325826

Ion Ratio Lower Upper

95 100

174 84.7 0.0 191.0

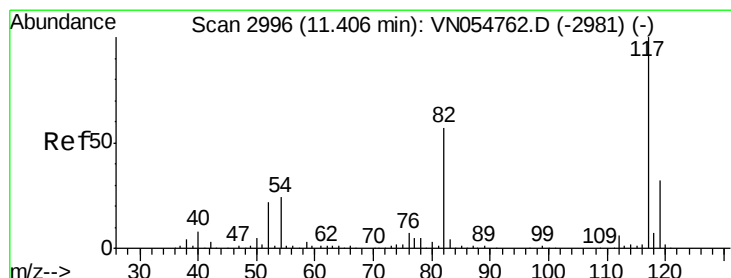
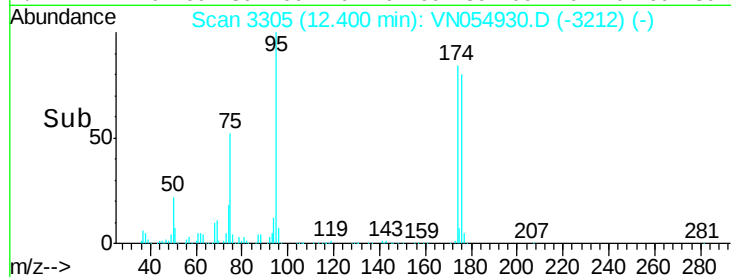
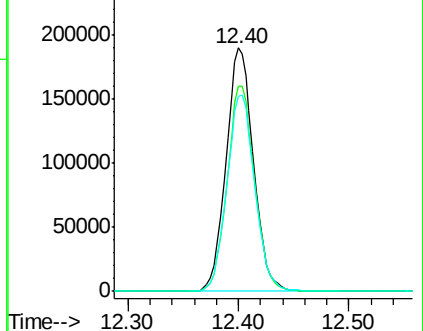
176 82.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054930.D

Acq: 3 Apr 2019 17:19

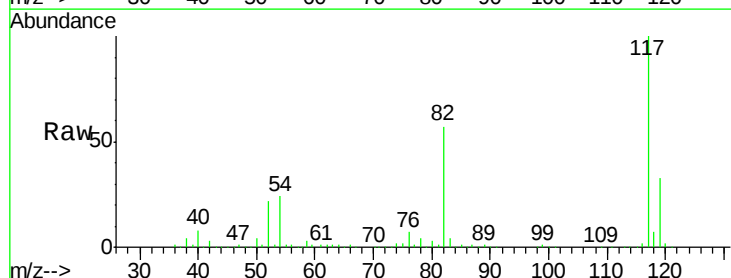
Tgt Ion: 117 Resp: 748558

Ion Ratio Lower Upper

117 100

82 56.5 40.0 60.0

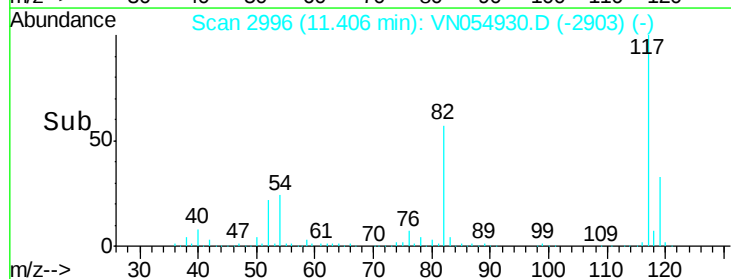
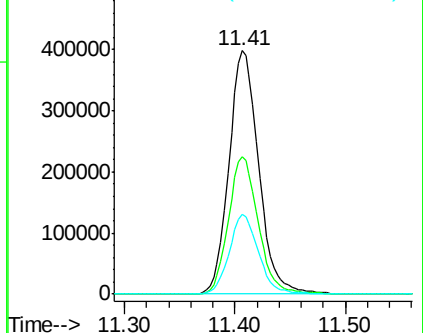
119 32.6 25.8 38.6

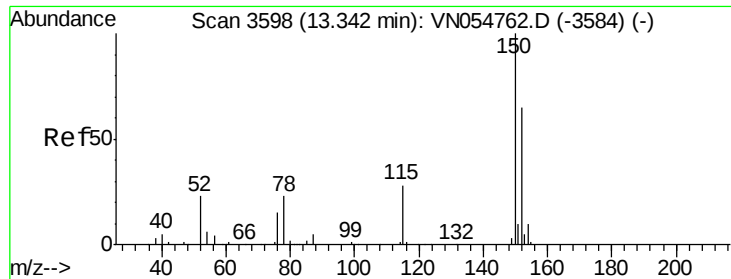


Abundance Ion 116.90 (116.60 to 117.60): VN054762.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054762.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054762.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054930.D

Acq: 3 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

CL-02-040219-B

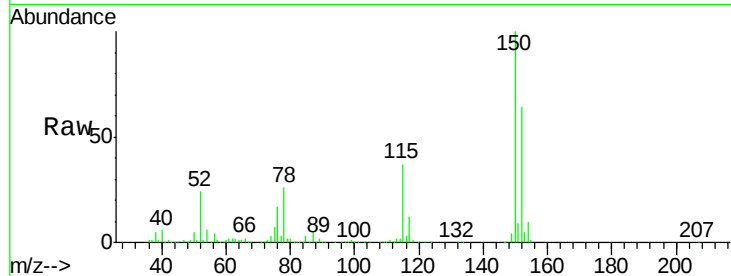
Tot Ion:152 Resp: 281933

Ion Ratio Lower Upper

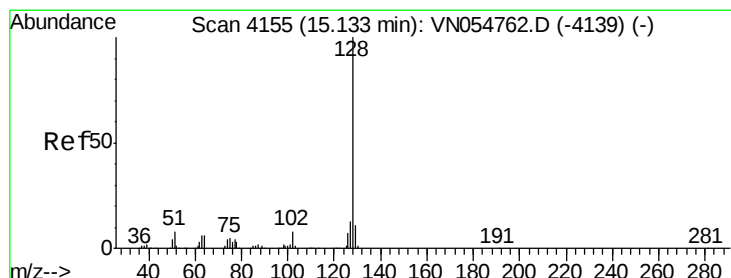
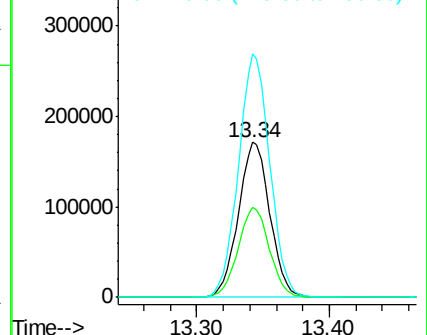
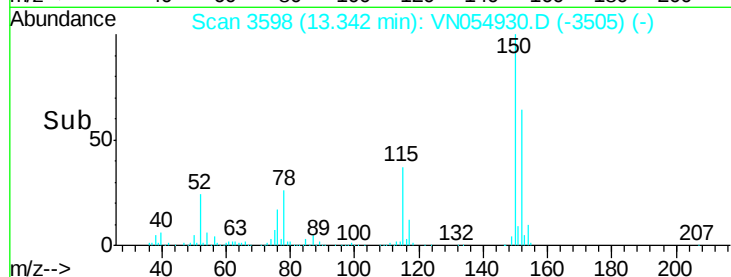
152 100

115 57.7 27.2 81.6

150 156.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 6.005 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054930.D

Acq: 3 Apr 2019 17:19

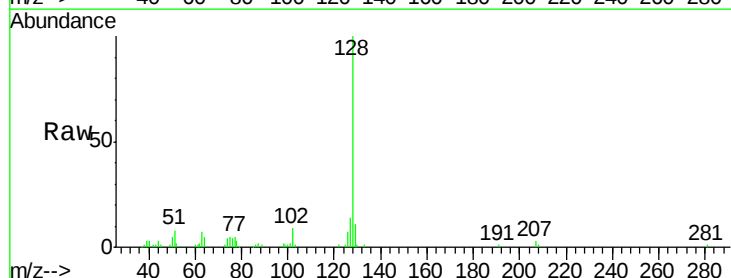
Tgt Ion:128 Resp: 61021

Ion Ratio Lower Upper

128 100

127 13.5 10.1 15.1

129 10.8 8.7 13.1



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

