

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054186.D
 Acq On : 13 Mar 2019 2:09
 Operator : JC/SP
 Sample : K1849-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PUMP-CON

Quant Time: Mar 13 08:34:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

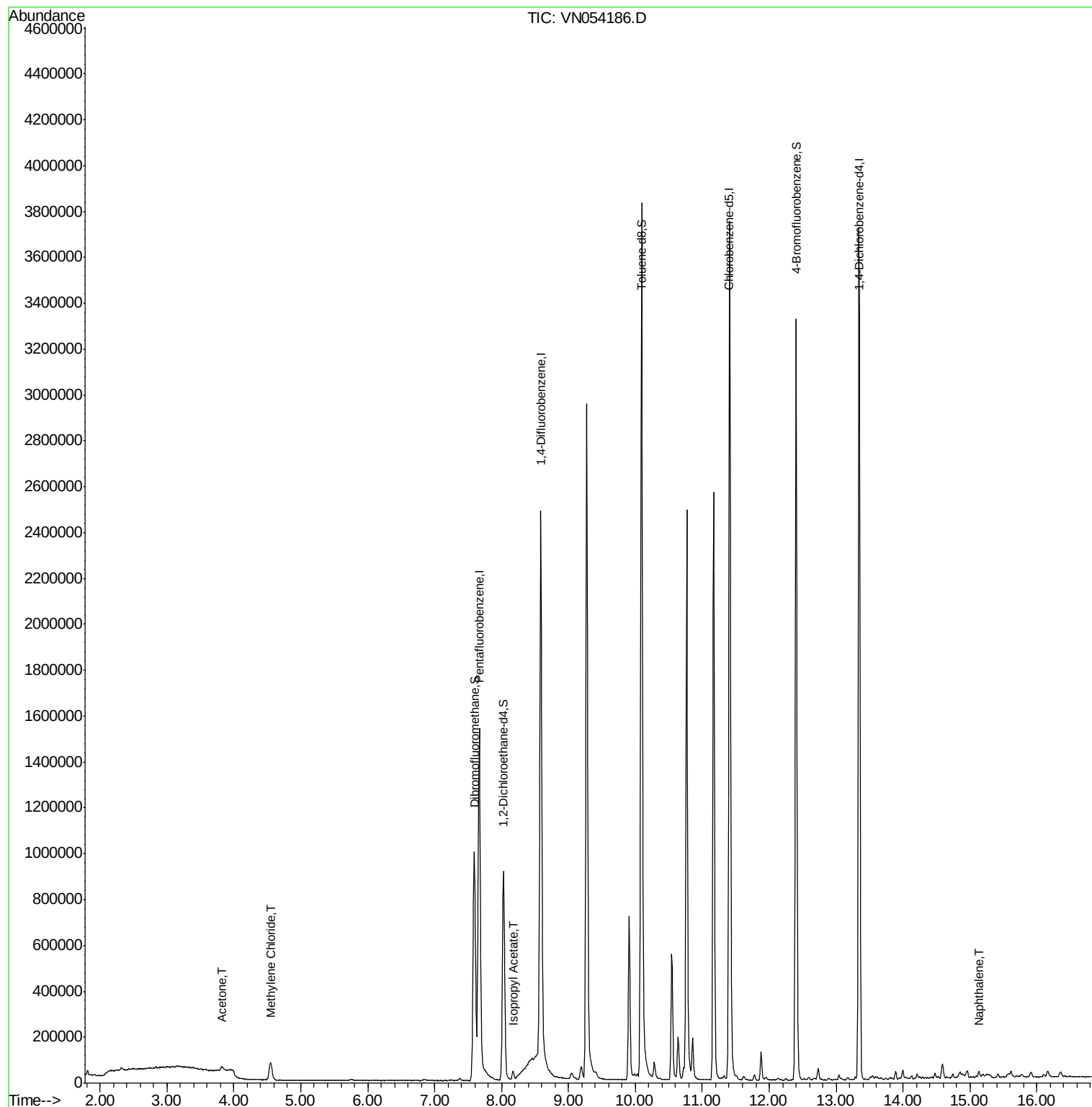
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1442035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2455407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2512515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1097975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	807446	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
35) Dibromofluoromethane	7.59	113	761519	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	10.09	98	3032863	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.40	95	1140308	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
Target Compounds						
16) Acetone	3.82	43	31068	7.085	ug/l	93
20) Methylene Chloride	4.54	84	62123	4.315	ug/l	93
43) Isopropyl Acetate	8.17	43	47909	2.101	ug/l	98
95) Naphthalene	15.13	128	25115	3.955	ug/l	98

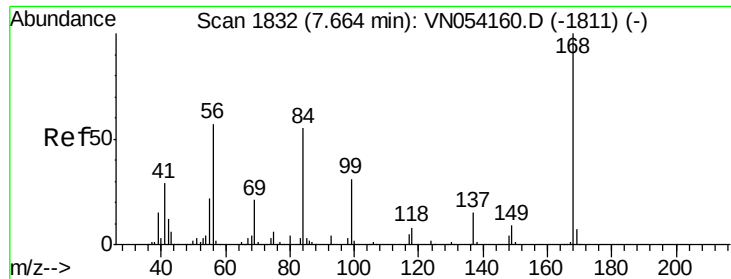
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA_N

ClientSampleId :

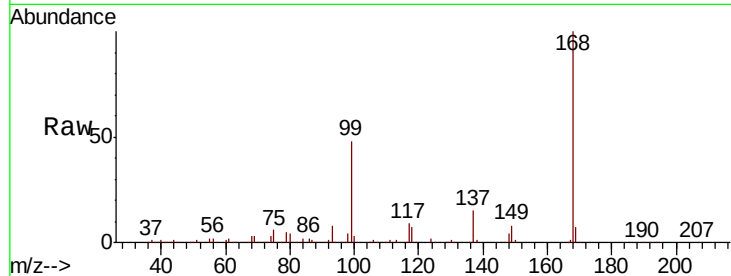
PUMP-CON

Tgt Ion:168 Resp: 1442035

Ion Ratio Lower Upper

168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054186.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054186.D (-1739) (-)

7.67

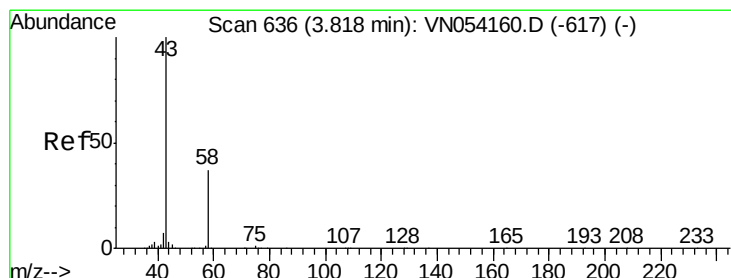
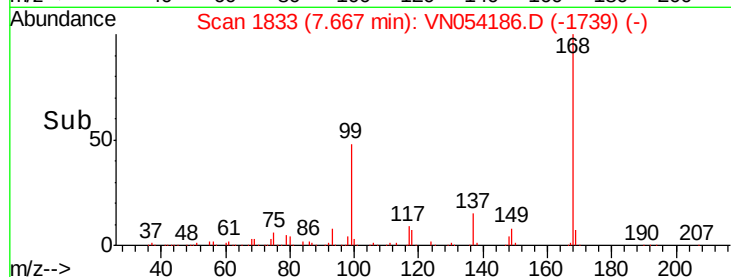
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 7.085 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054186.D

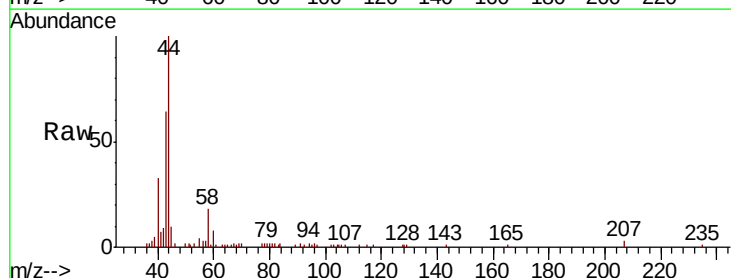
Acq: 13 Mar 2019 2:09

Tgt Ion: 43 Resp: 31068

Ion Ratio Lower Upper

43 100

58 33.0 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054186.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054186.D (-543) (-)

3.82

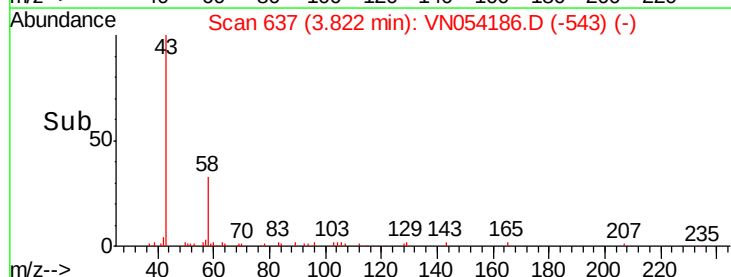
15000

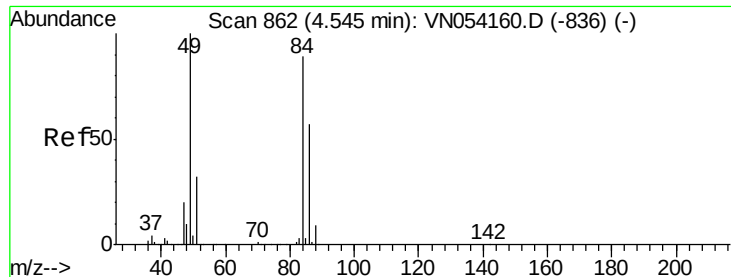
10000

5000

0

Time-->

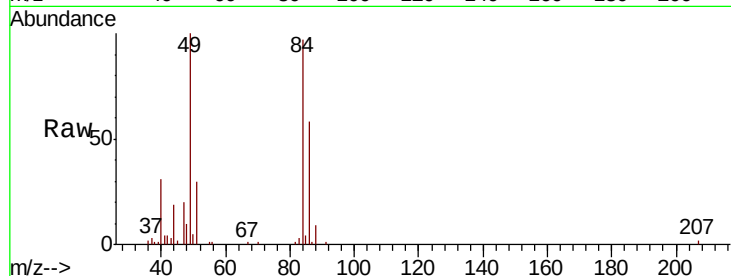




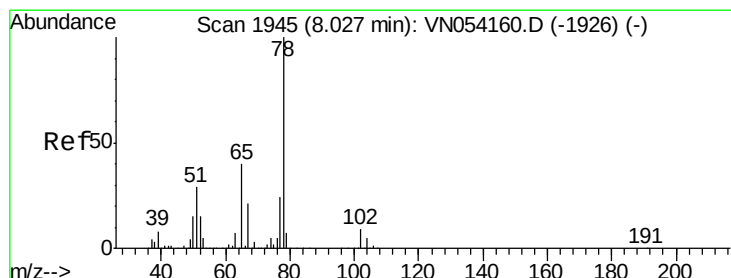
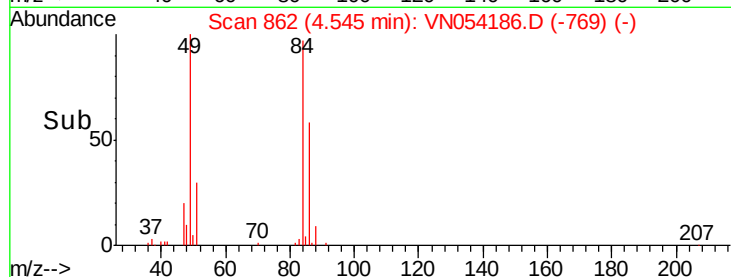
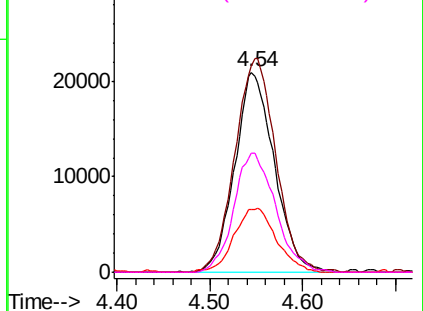
#20
Methylene Chloride
Concen: 4.315 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054186.D
Acq: 13 Mar 2019 2:09

Instrument :
MSVOA_N
ClientSampled :
PUMP-CON

Tgt Ion: 84 Resp: 62123
Ion Ratio Lower Upper
84 100
49 102.7 89.7 134.5
51 31.2 28.2 42.4
86 59.3 50.8 76.2

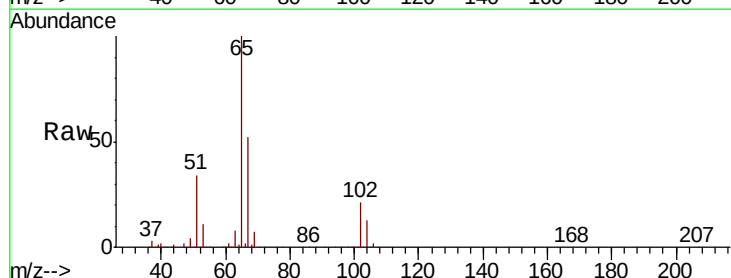


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

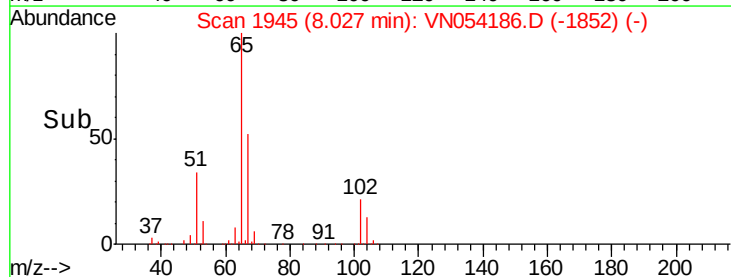
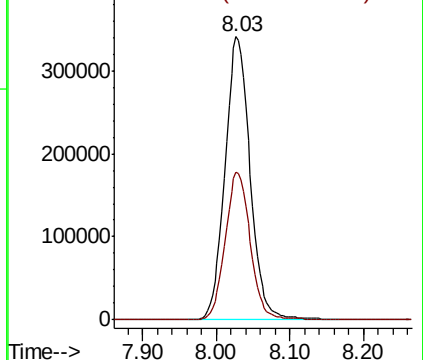


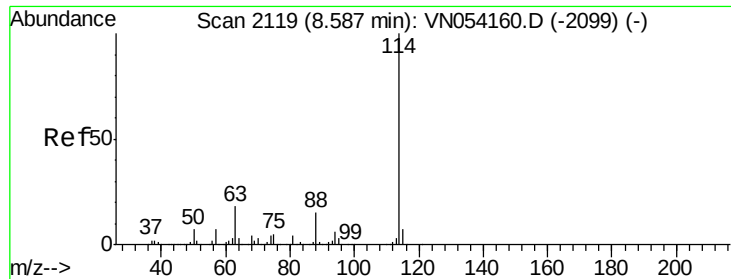
#33
1,2-Dichloroethane-d4
Concen: 52.724 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054186.D
Acq: 13 Mar 2019 2:09

Tgt Ion: 65 Resp: 807446
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA_N

ClientSampled :

PUMP-CON

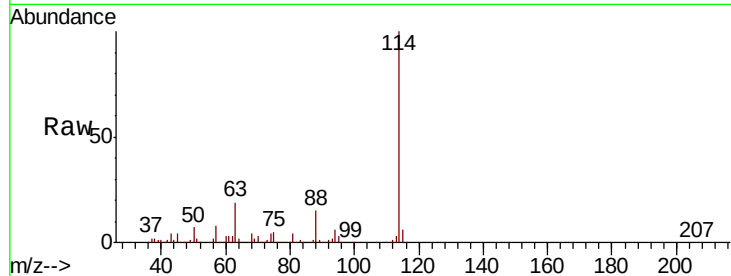
Tgt Ion:114 Resp: 2455407

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.2

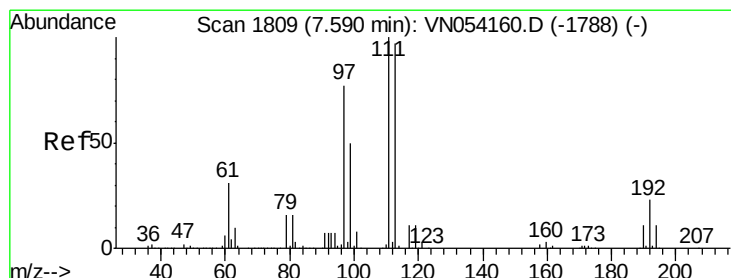
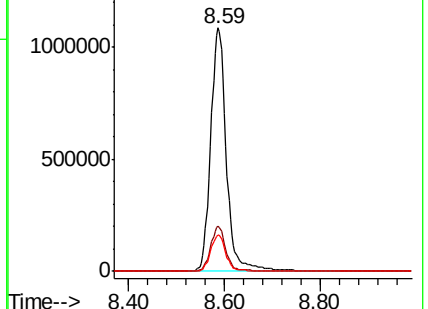
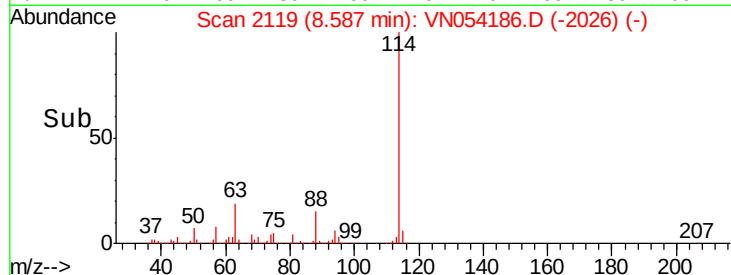
88 14.9 0.0 30.2



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: 48.087 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

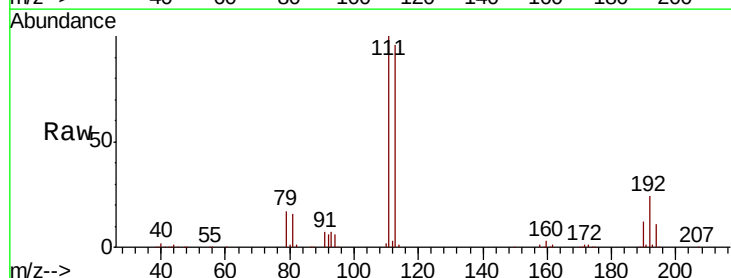
Tgt Ion:113 Resp: 761519

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

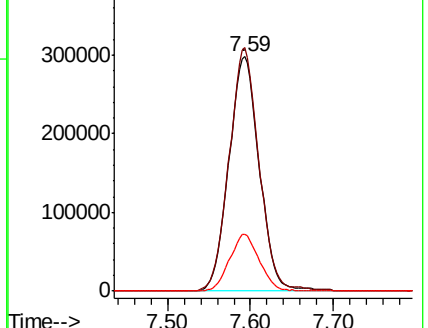
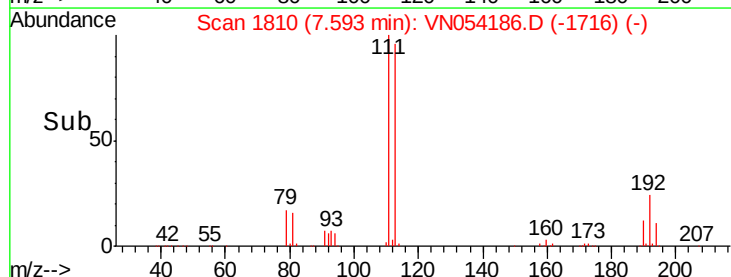
192 23.6 19.2 28.8

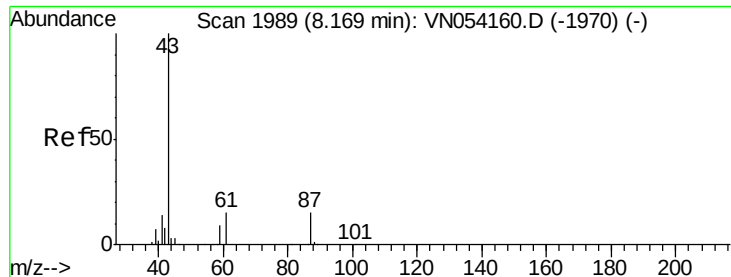


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.101 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA_N

ClientSampleId :

PUMP-CON

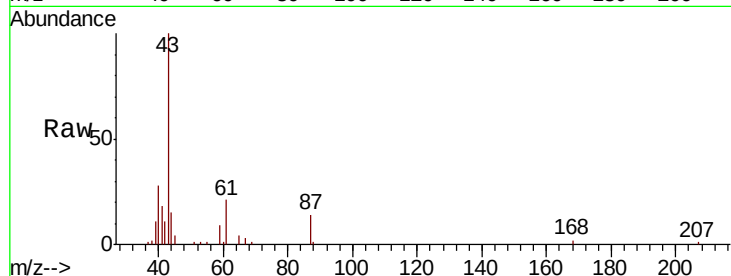
Tgt Ion: 43 Resp: 47909

Ion Ratio Lower Upper

43 100

61 21.5 15.8 23.8

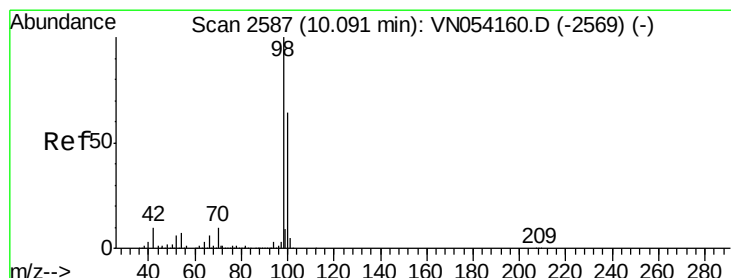
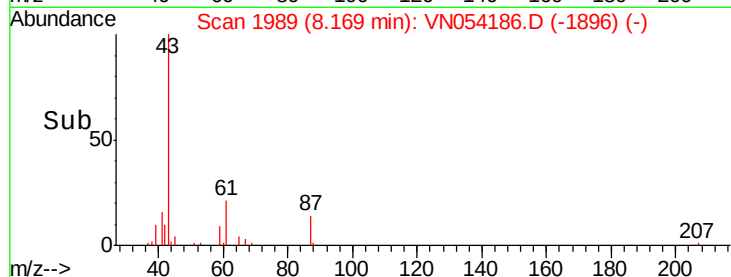
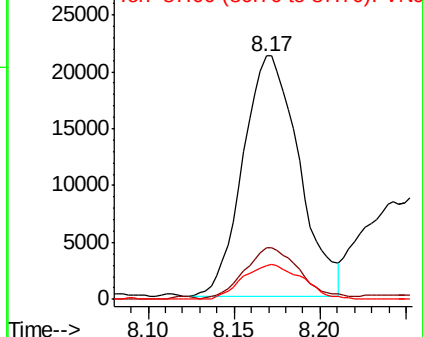
87 15.3 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.856 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054186.D

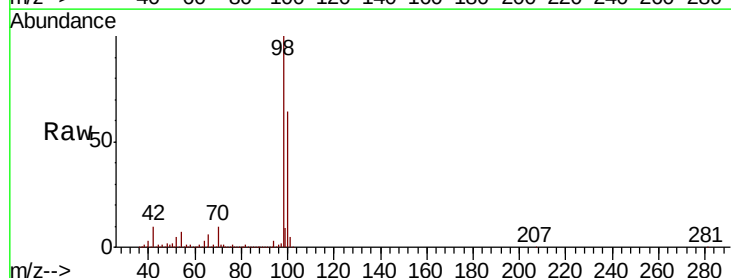
Acq: 13 Mar 2019 2:09

Tgt Ion: 98 Resp: 3032863

Ion Ratio Lower Upper

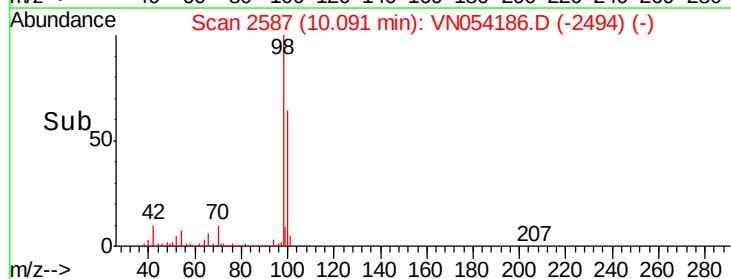
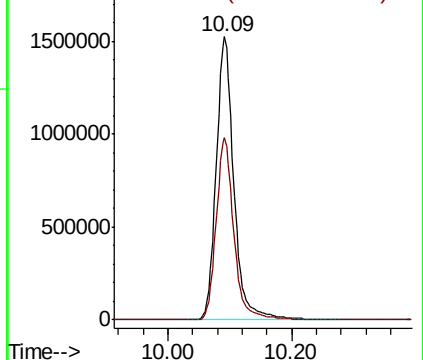
98 100

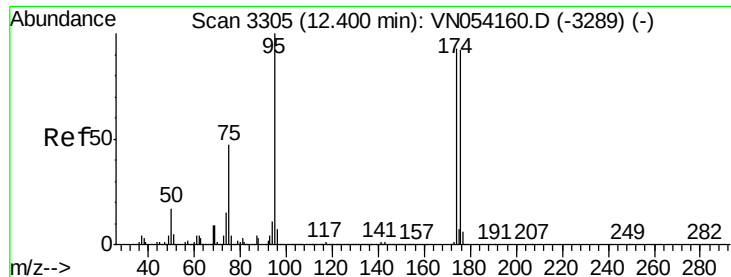
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 55.722 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA_N

ClientSampleId :

PUMP-CON

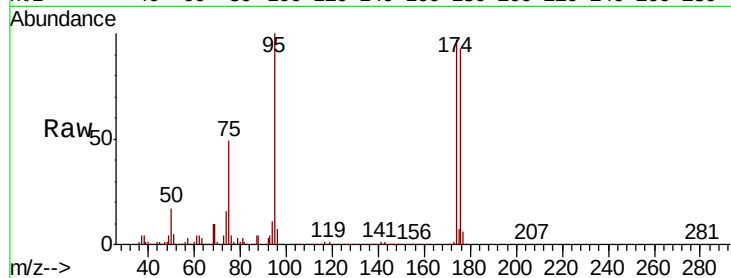
Tgt Ion: 95 Resp: 1140308

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

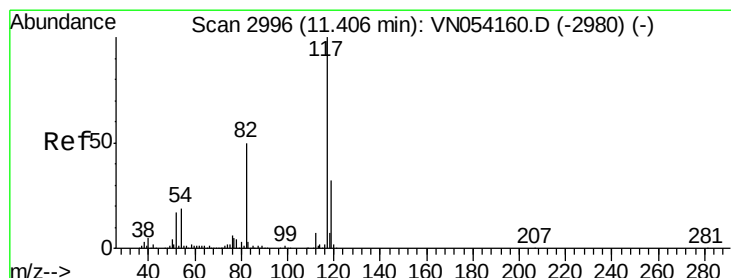
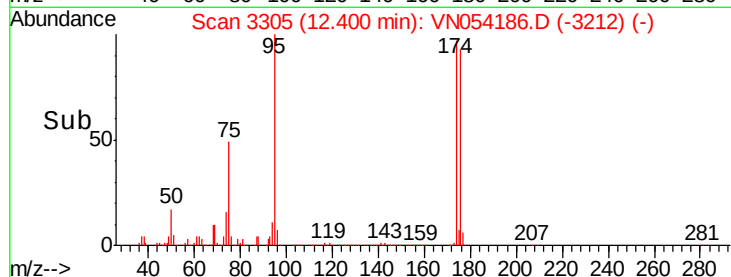
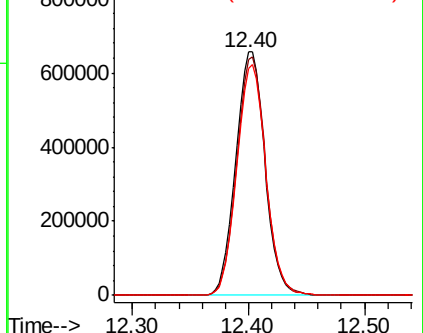
176 94.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054186.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054186.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054186.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

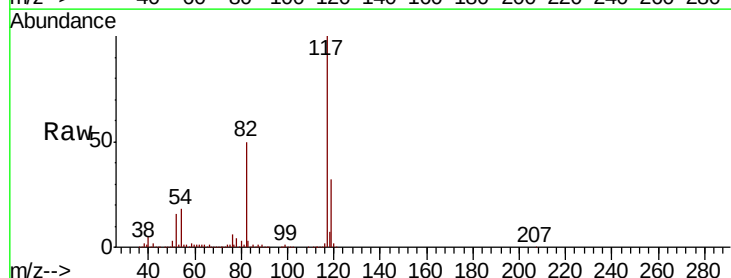
Tgt Ion: 117 Resp: 2512515

Ion Ratio Lower Upper

117 100

82 50.4 40.0 60.0

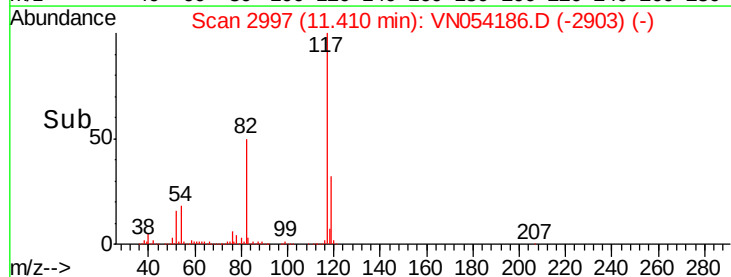
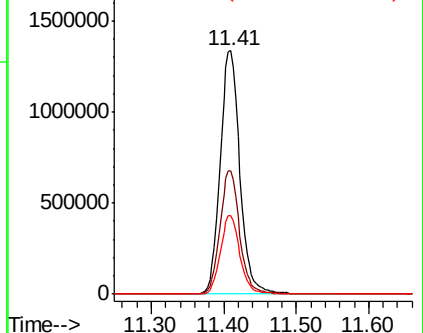
119 32.2 25.8 38.6

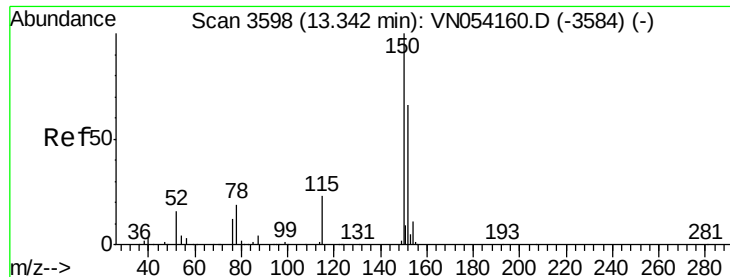


Abundance Ion 116.90 (116.60 to 117.60): VN054186.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054186.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054186.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

Instrument :

MSVOA_N

ClientSampled :

PUMP-CON

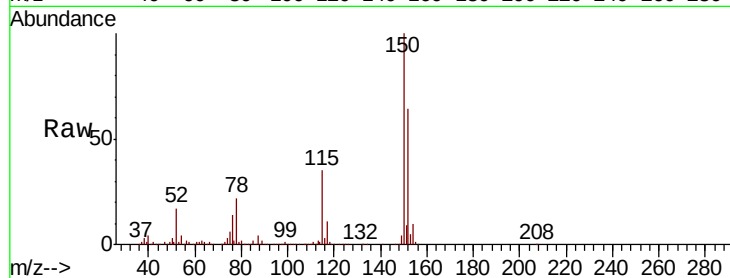
Tgt Ion:152 Resp: 1097975

Ion Ratio Lower Upper

152 100

115 54.9 27.2 81.6

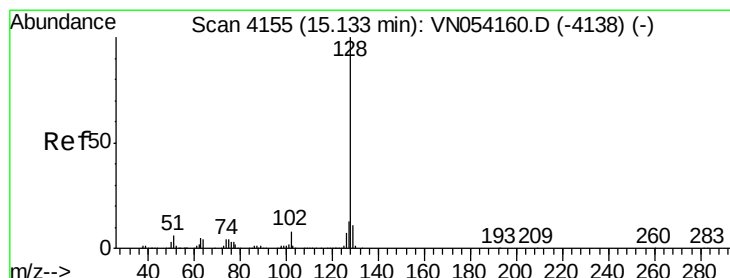
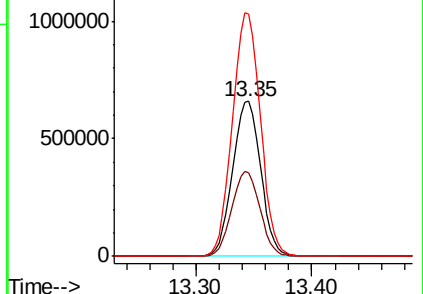
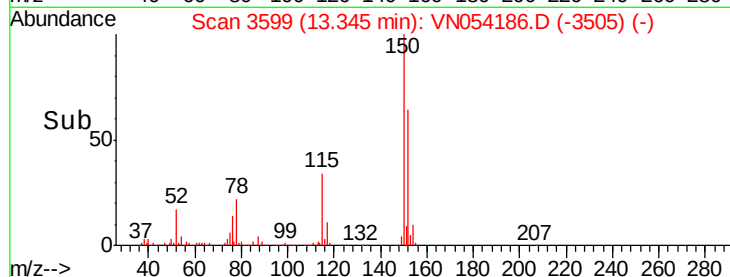
150 157.2 0.0 349.2



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: 3.955 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054186.D

Acq: 13 Mar 2019 2:09

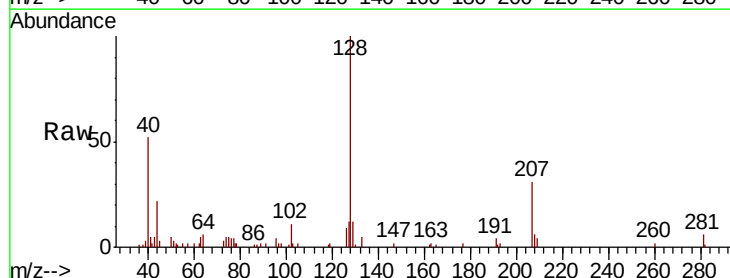
Tgt Ion:128 Resp: 25115

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 12.1 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

