

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054904.D
 Acq On : 2 Apr 2019 16:17
 Operator : JC/SP
 Sample : K2213-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S9A(6)

Quant Time: Apr 03 06:37:56 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

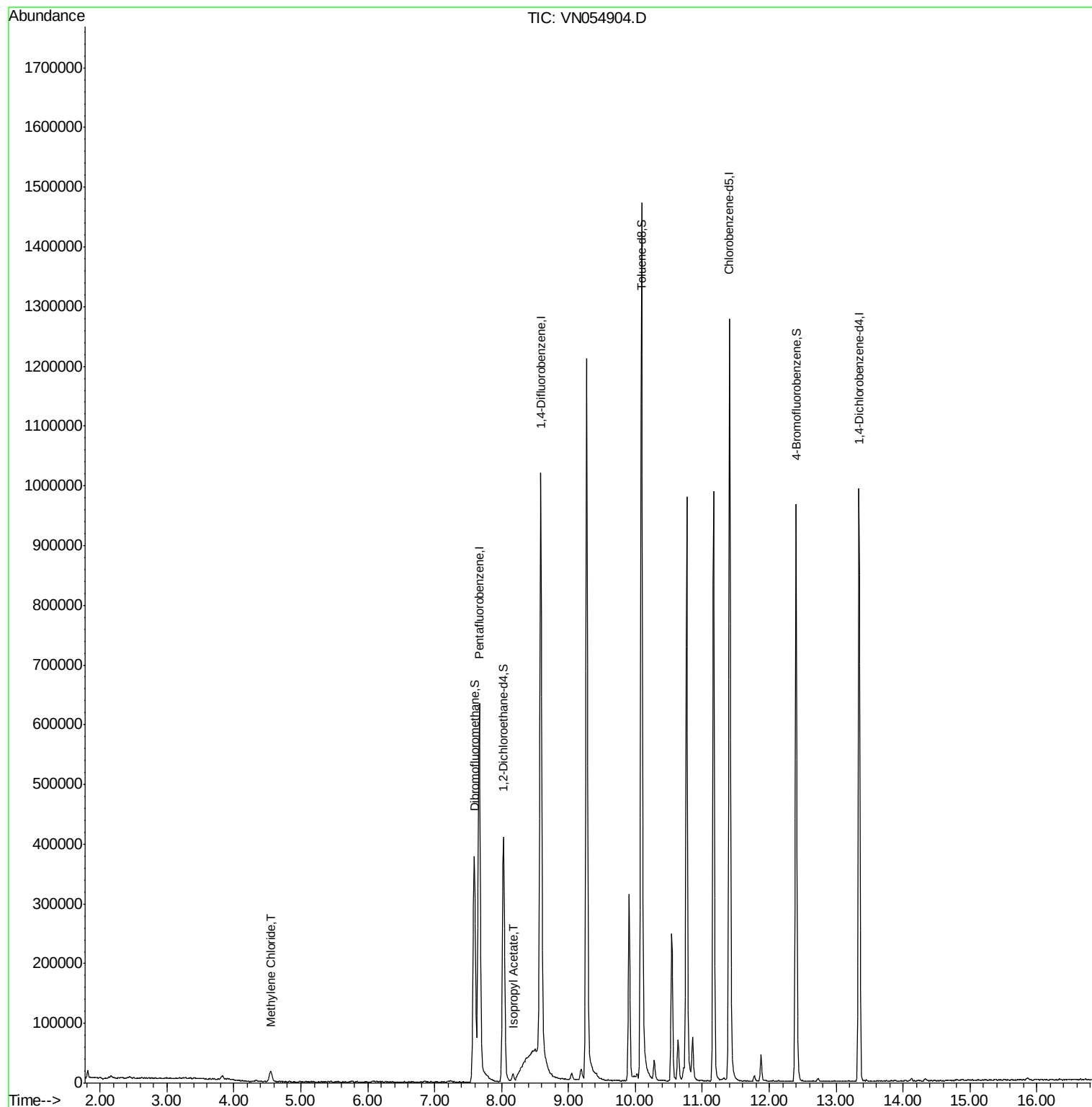
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	543230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	904428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	774031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	266414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	358769	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	7.59	113	284593	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.09	98	1079044	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.40	95	327167	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
20) Methylene Chloride	4.55	84	11597	1.883	ug/l #	84
43) Isopropyl Acetate	8.17	43	14684	1.462	ug/l	96

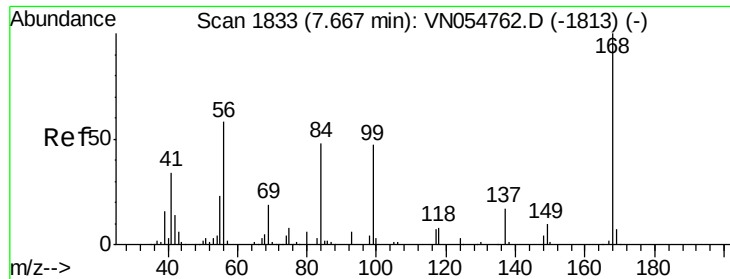
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 00:48:18 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: VN054904.D

Acq: 2 Apr 2019 16:17

Instrument :

MSVOA_N

ClientSampleId :

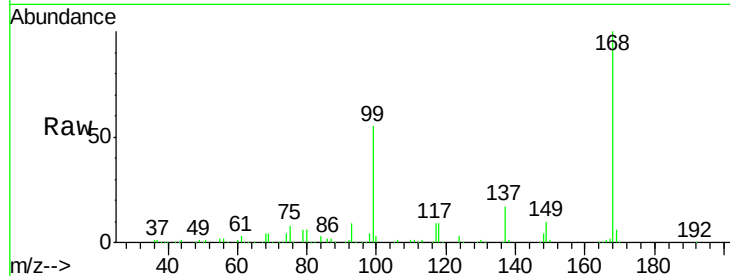
S9A(6)

Tot Ion:168 Resp: 543230

Ion Ratio Lower Upper

168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

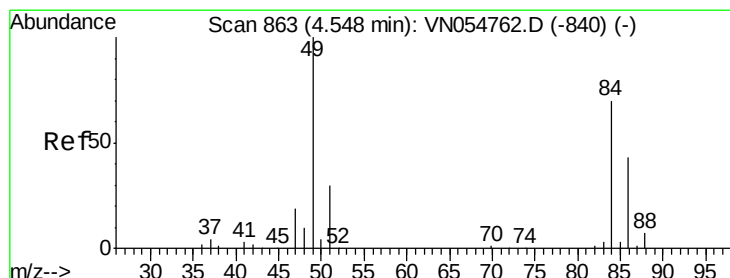
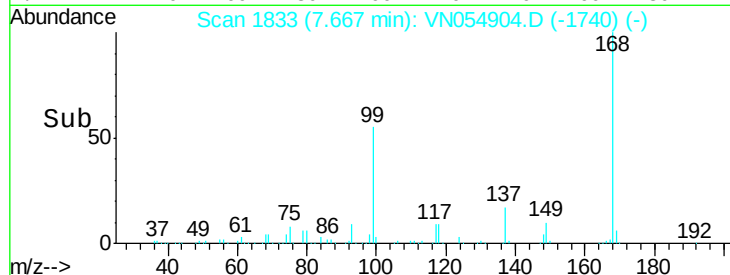
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.883 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN054904.D

Acq: 2 Apr 2019 16:17

Tgt Ion: 84 Resp: 11597

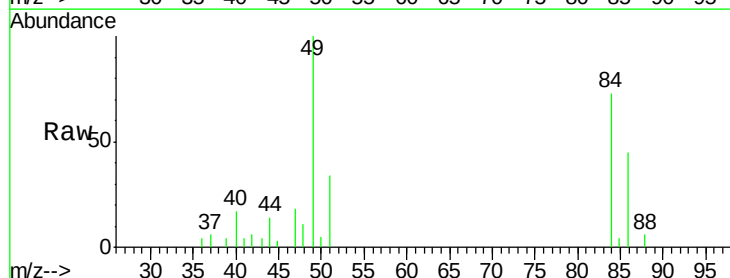
Ion Ratio Lower Upper

84 100

49 137.2 89.7 134.5#

51 46.4 28.2 42.4#

86 61.7 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

8000

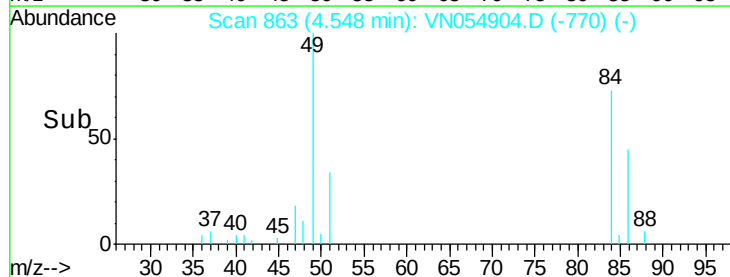
6000

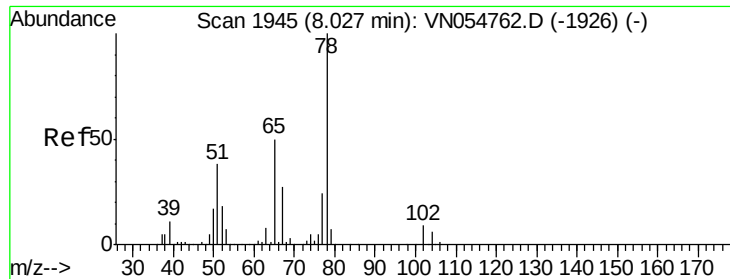
4000

2000

0

Time-->

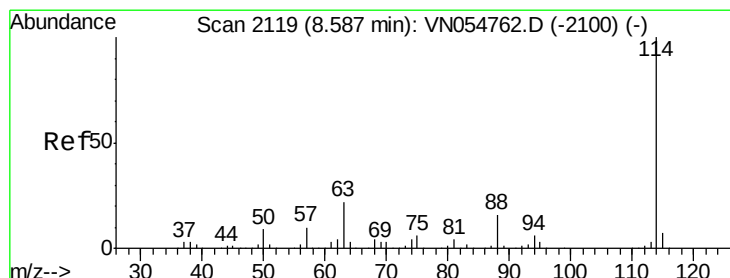
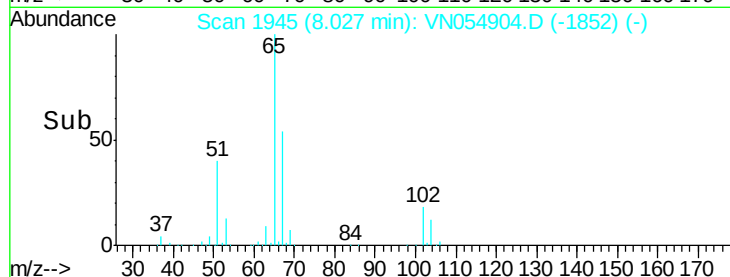
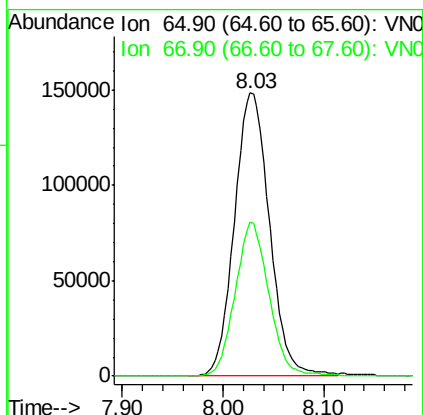
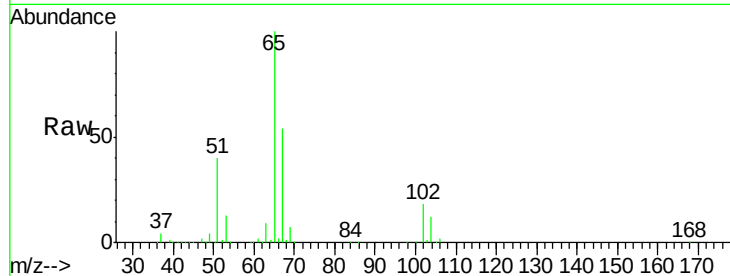




#33
 1,2-Dichloroethane-d4
 Concen: 48.993 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054904.D
 Acq: 2 Apr 2019 16:17

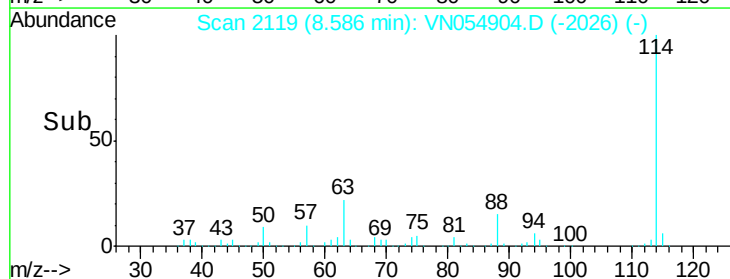
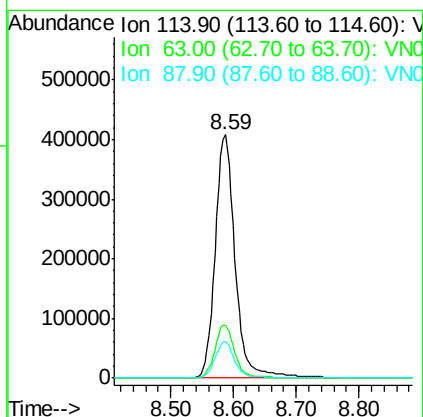
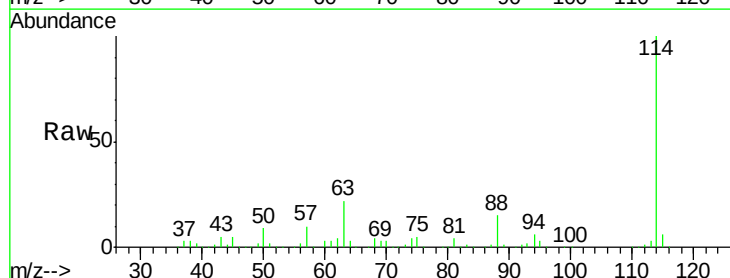
Instrument :
 MSVOA_N
 ClientSampleId :
 S9A(6)

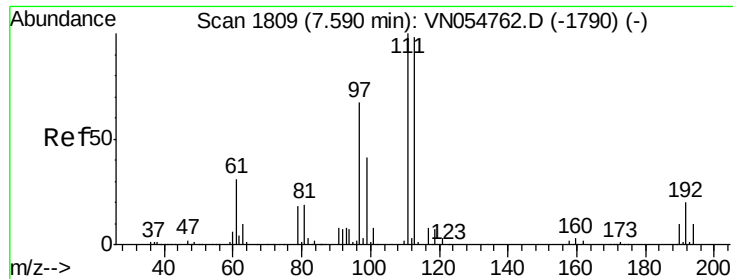
Tot Ion: 65 Resp: 358769
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054904.D
 Acq: 2 Apr 2019 16:17

Tgt Ion: 114 Resp: 904428
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 15.1 0.0 30.2

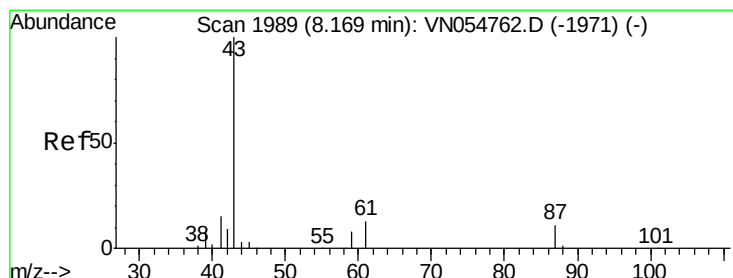
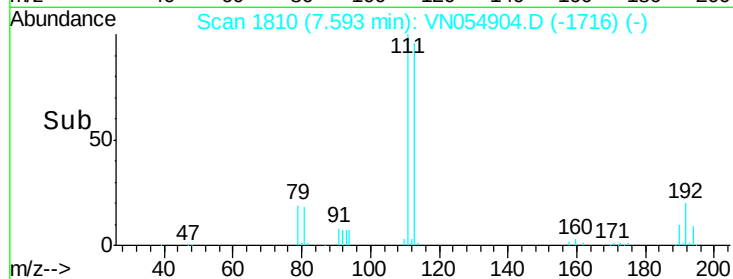
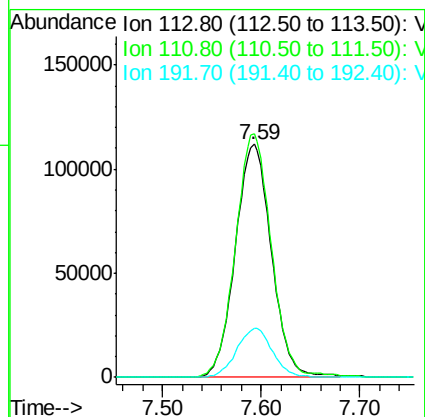
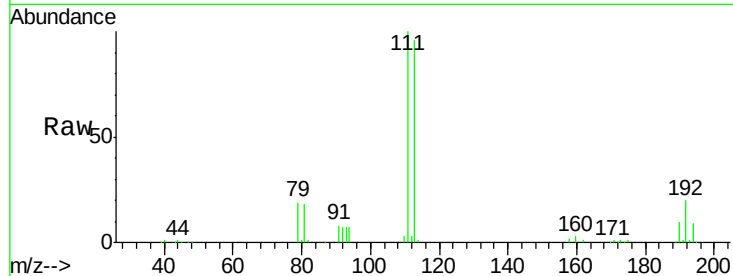




#35
 Dibromofluoromethane
 Concen: 47.198 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054904.D
 Acq: 2 Apr 2019 16:17

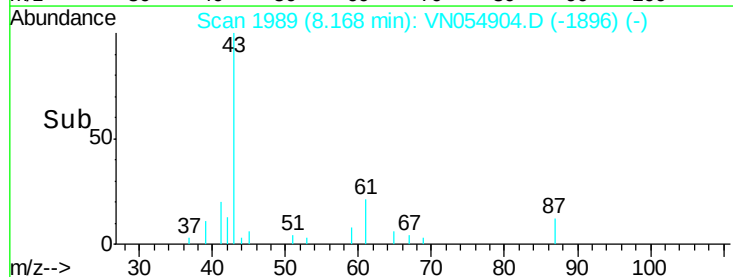
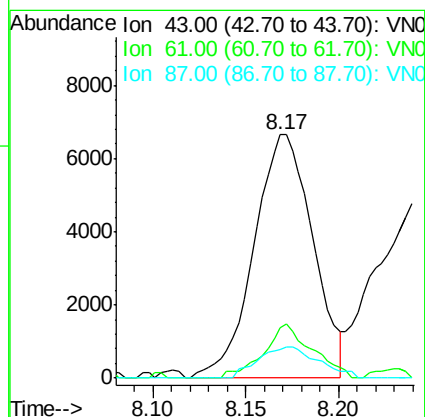
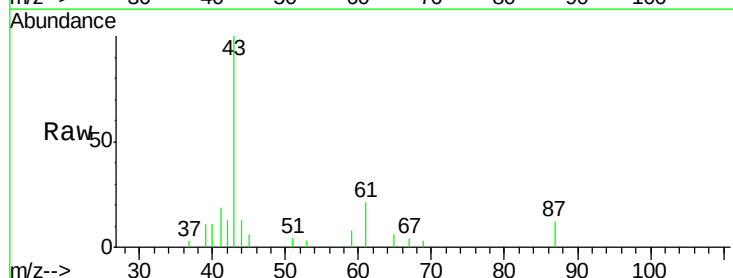
Instrument :
 MSVOA_N
 ClientSampled :
 S9A(6)

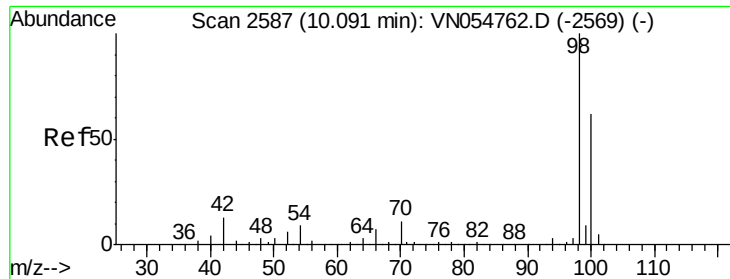
Tot Ion:113 Resp: 284593
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 20.9 19.2 28.8



#43
 Isopropyl Acetate
 Concen: 1.462 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN054904.D
 Acq: 2 Apr 2019 16:17

Tgt Ion: 43 Resp: 14684
 Ion Ratio Lower Upper
 43 100
 61 18.2 15.8 23.8
 87 13.0 12.0 18.0





#50

Toluene-d8

Concen: 48.134 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054904.D

Acq: 2 Apr 2019 16:17

Instrument :

MSVOA_N

ClientSampled :

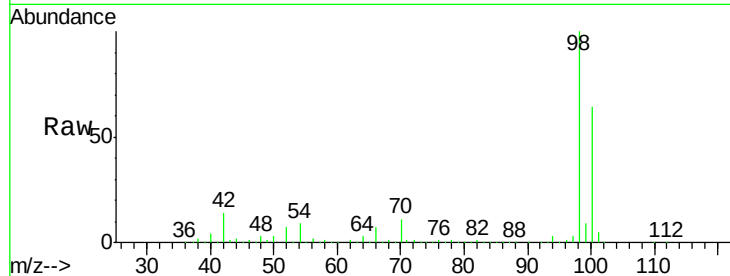
S9A(6)

Tot Ion: 98 Resp: 1079044

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

600000

500000

400000

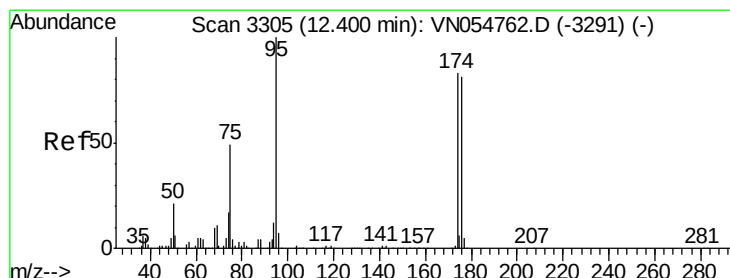
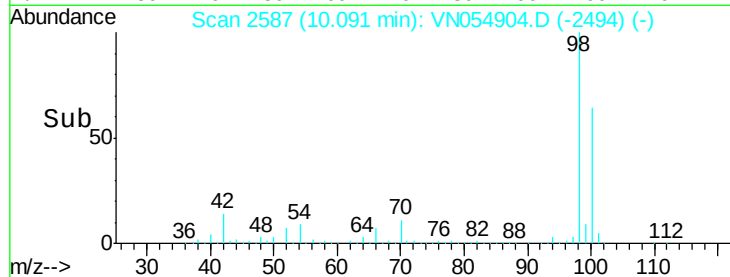
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.883 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054904.D

Acq: 2 Apr 2019 16:17

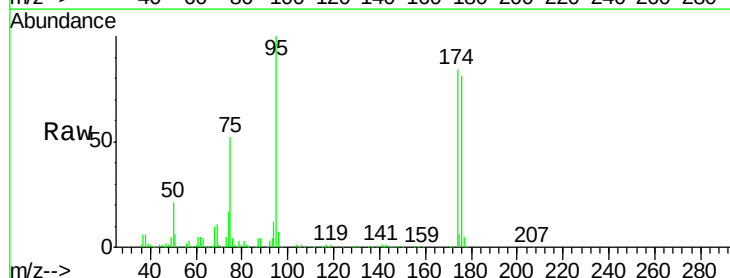
Tgt Ion: 95 Resp: 327167

Ion Ratio Lower Upper

95 100

174 84.4 0.0 191.0

176 81.1 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) (-)

12.40

250000

200000

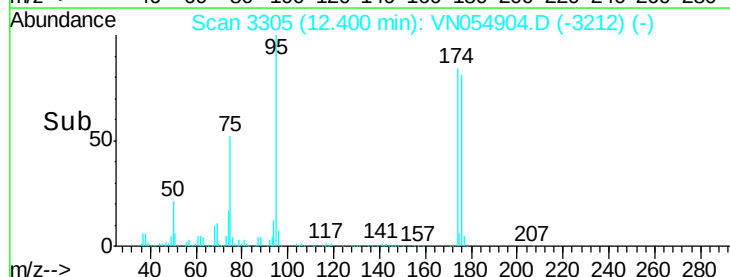
150000

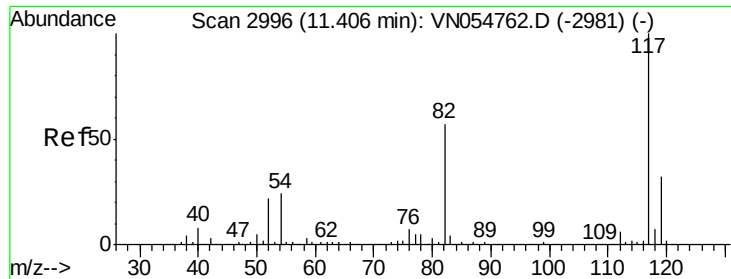
100000

50000

0

Time-->

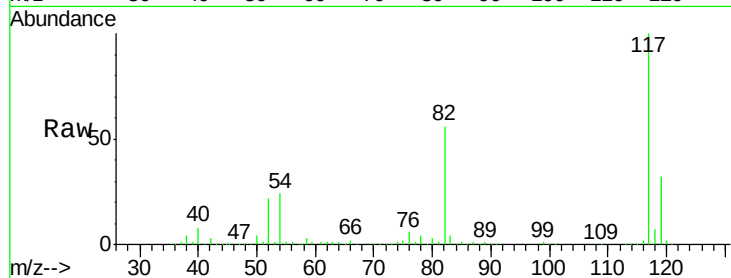




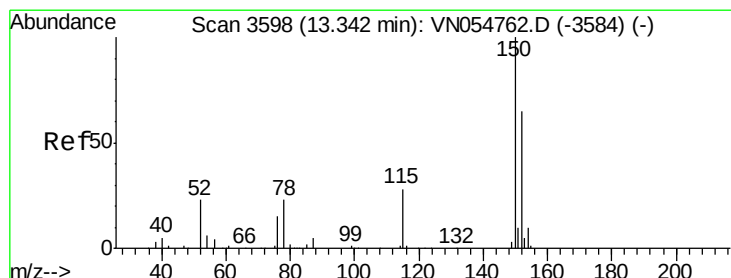
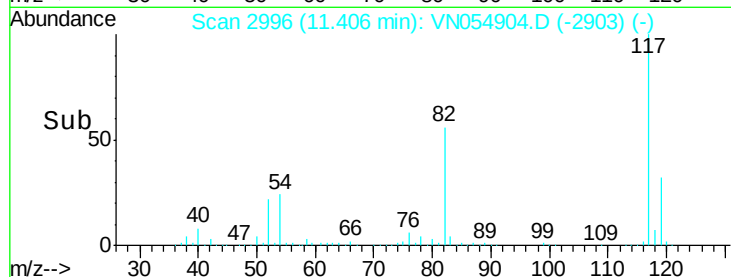
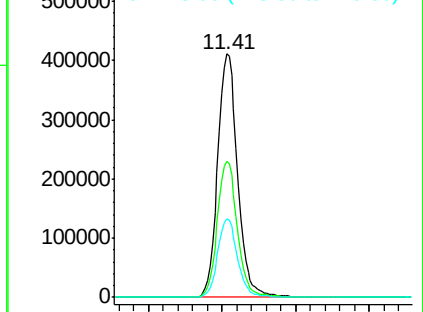
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054904.D
Acq: 2 Apr 2019 16:17

Instrument :
MSVOA_N
ClientSampled :
S9A(6)

Tot Ion:117 Resp: 774031
Ion Ratio Lower Upper
117 100
82 56.0 40.0 60.0
119 32.4 25.8 38.6

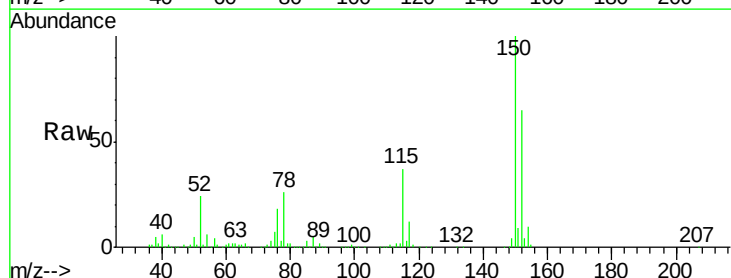


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054904.D
Acq: 2 Apr 2019 16:17

Tgt Ion:152 Resp: 266414
Ion Ratio Lower Upper
152 100
115 58.6 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

