

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054814.D
 Acq On : 30 Mar 2019 20:25
 Operator : JC/SP
 Sample : K2138-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S6B(8)

Quant Time: Mar 30 23:57:18 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

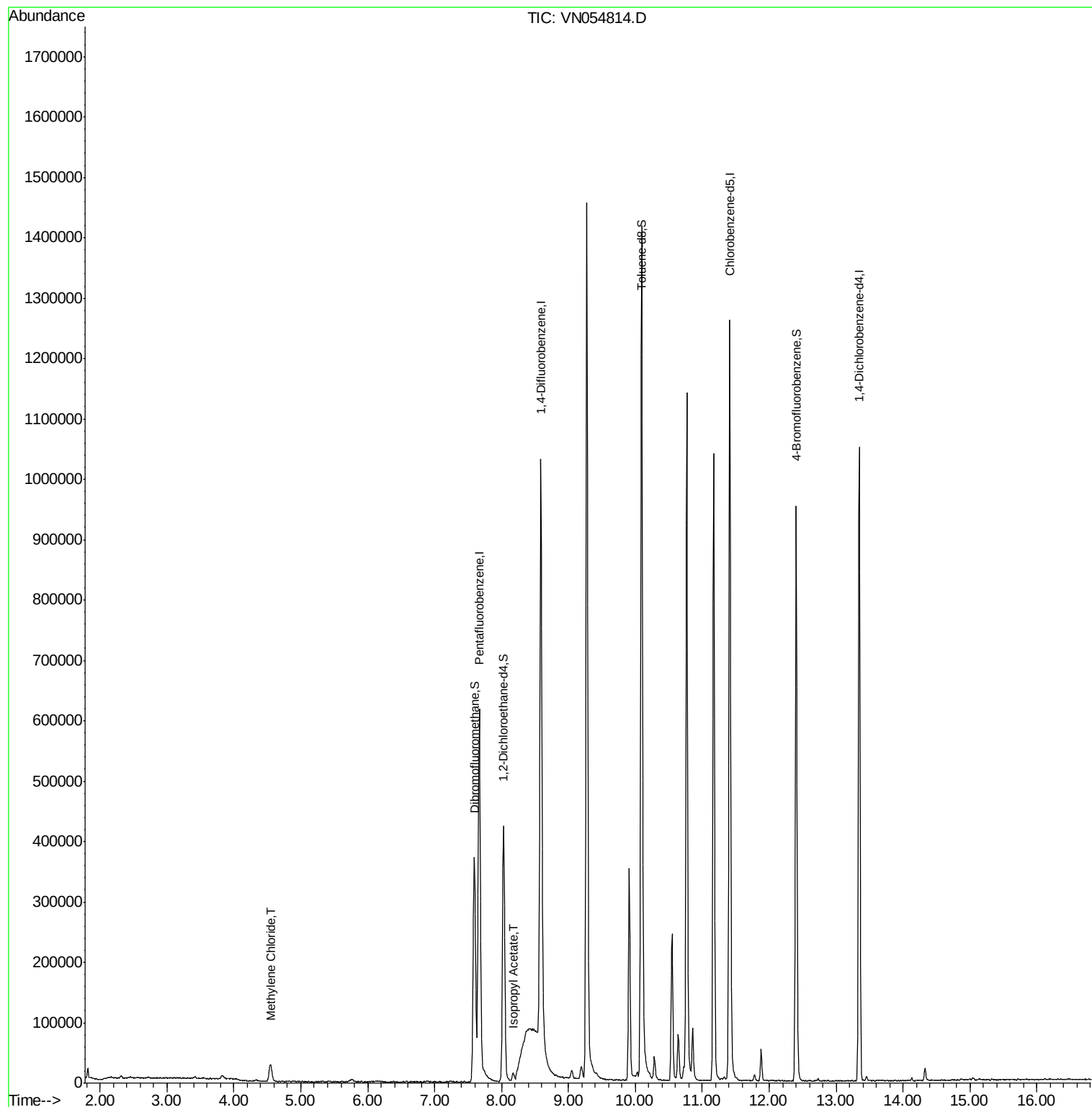
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	537926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	881239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	741971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	274777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	365611	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	7.59	113	278500	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	1046392	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.40	95	324245	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
20) Methylene Chloride	4.55	84	20166	3.306	ug/l #	88
43) Isopropyl Acetate	8.17	43	16202	1.656	ug/l	95

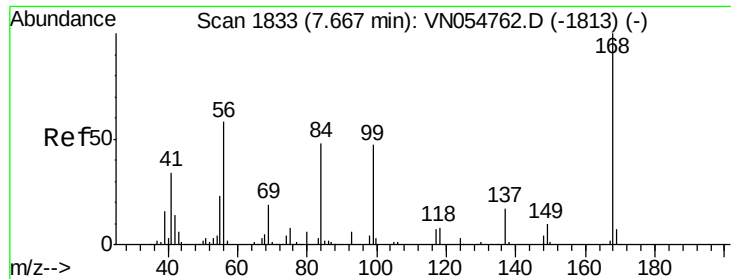
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 00:48:18 2019
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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: VN054814.D

Acq: 30 Mar 2019 20:25

Instrument :

MSVOA_N

ClientSampleId :

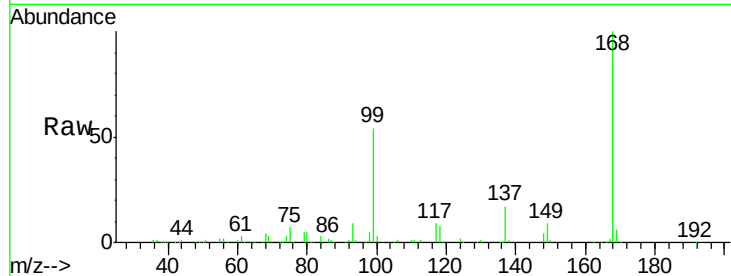
S6B(8)

Tot Ion:168 Resp: 537926

Ion Ratio Lower Upper

168 100

99 54.5 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

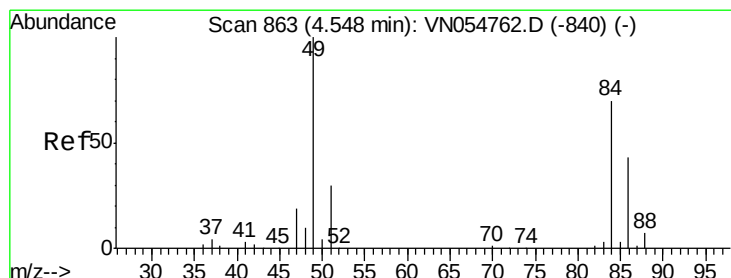
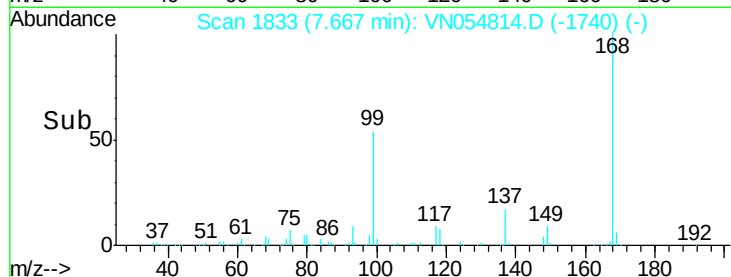
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 3.306 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054814.D

Acq: 30 Mar 2019 20:25

Tgt Ion: 84 Resp: 20166

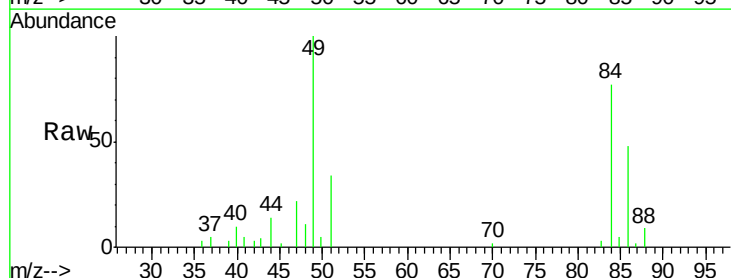
Ion Ratio Lower Upper

84 100

49 130.6 89.7 134.5

51 44.7 28.2 42.4#

86 62.8 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): V

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

12000

10000

8000

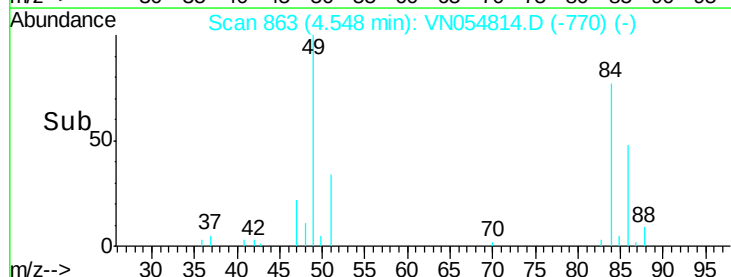
6000

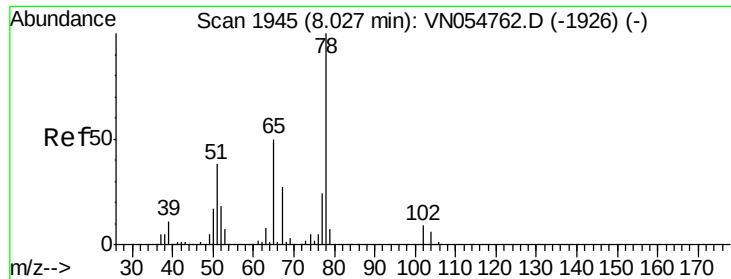
4000

2000

0

Time--> 4.50 4.60

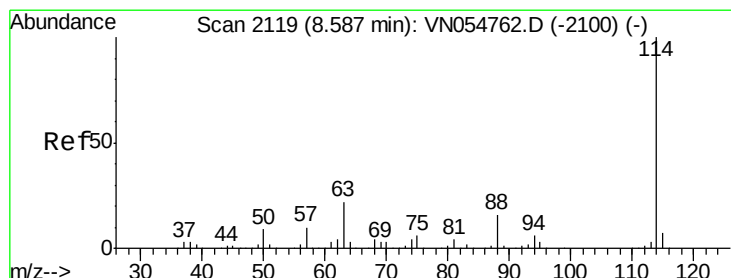
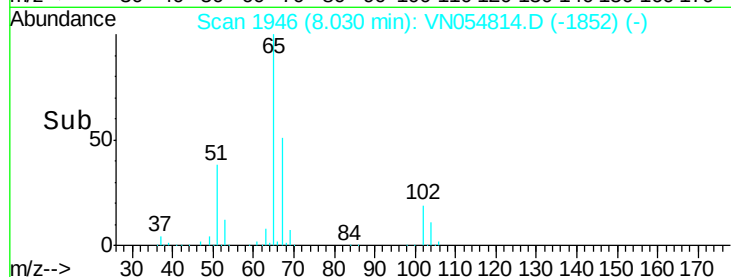
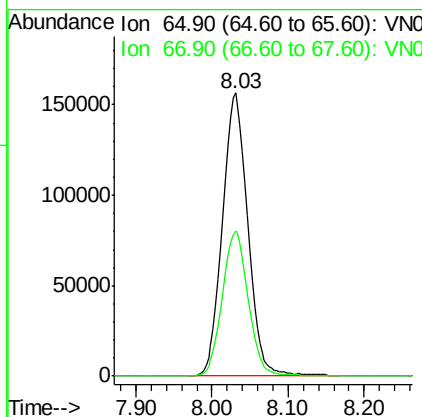
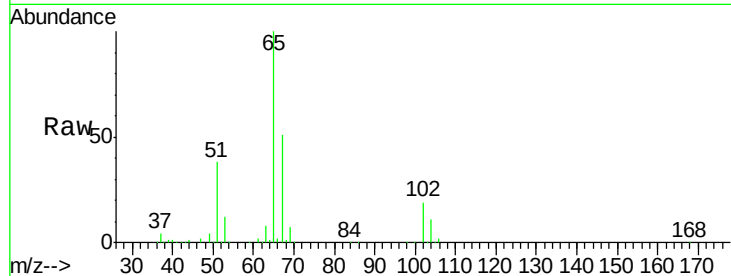




#33
 1,2-Dichloroethane-d4
 Concen: 50.420 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054814.D
 Acq: 30 Mar 2019 20:25

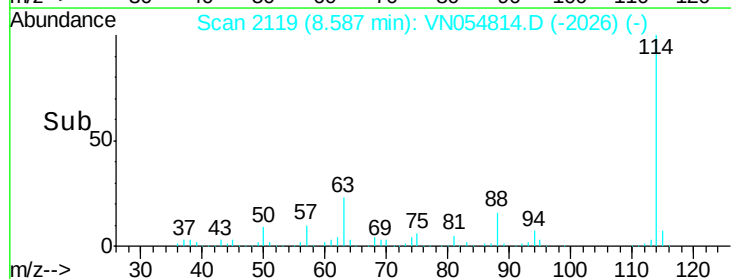
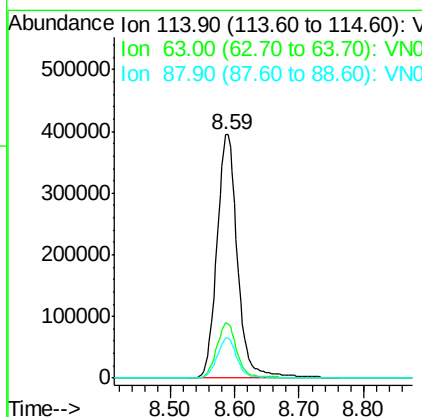
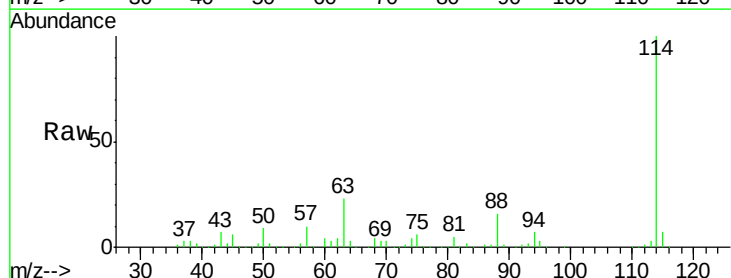
Instrument :
 MSVOA_N
 ClientSampleId :
 S6B(8)

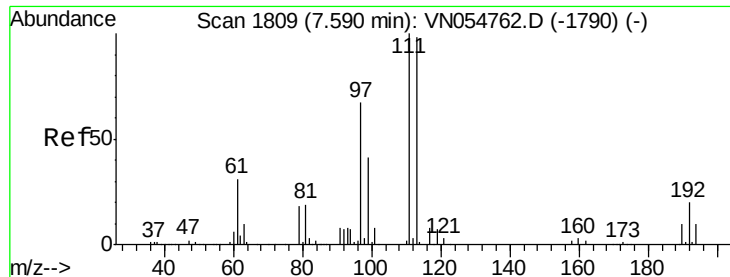
Tot Ion: 65 Resp: 365611
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054814.D
 Acq: 30 Mar 2019 20:25

Tgt Ion: 114 Resp: 881239
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 35.2
 88 16.3 0.0 30.2

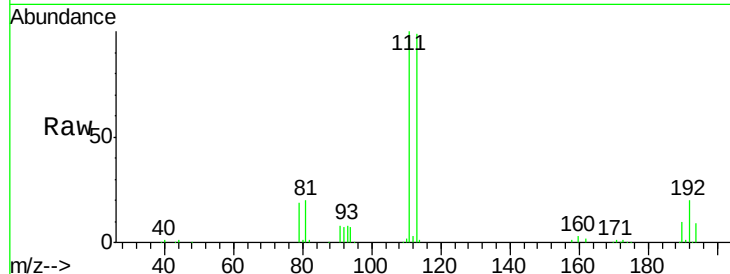




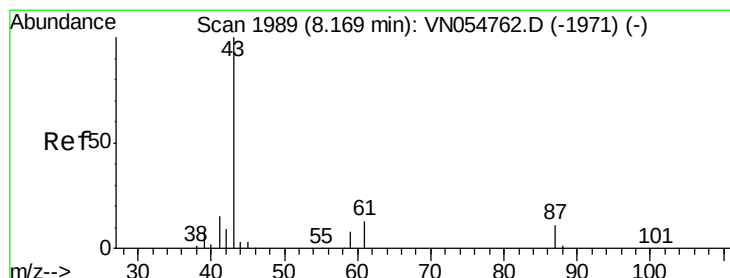
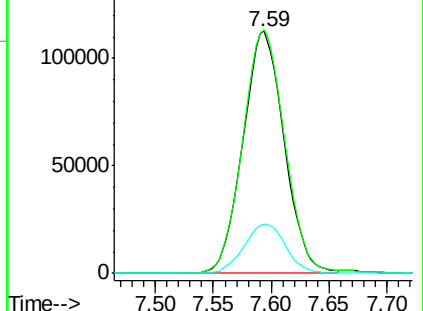
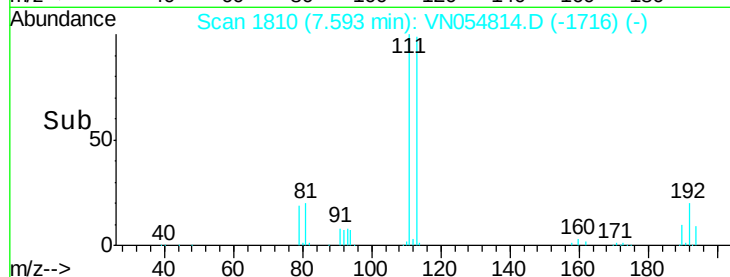
#35
 Dibromofluoromethane
 Concen: 47.403 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054814.D
 Acq: 30 Mar 2019 20:25

Instrument :
 MSVOA_N
 ClientSampled :
 S6B(8)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	20.5	19.2	28.8

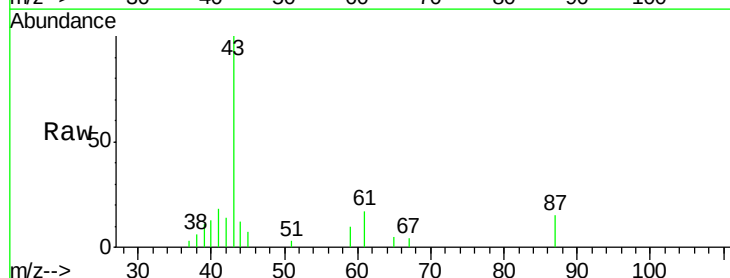


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

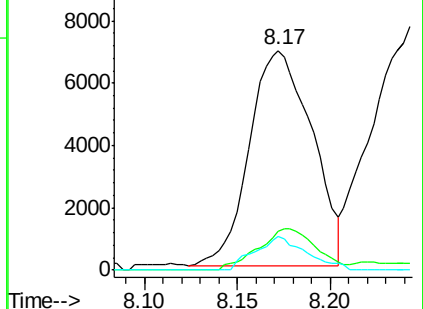
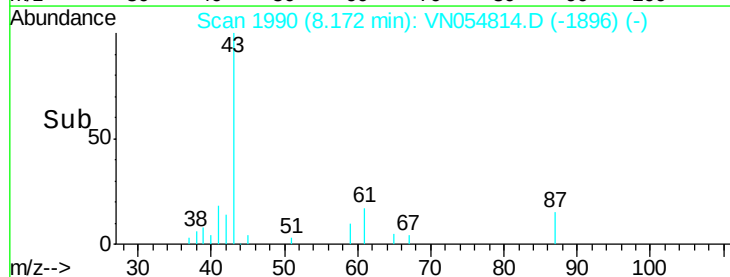


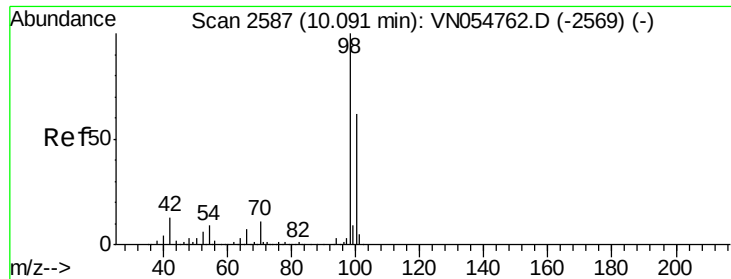
#43
 Isopropyl Acetate
 Concen: 1.656 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054814.D
 Acq: 30 Mar 2019 20:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	15.8	23.8
87	12.7	12.0	18.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO

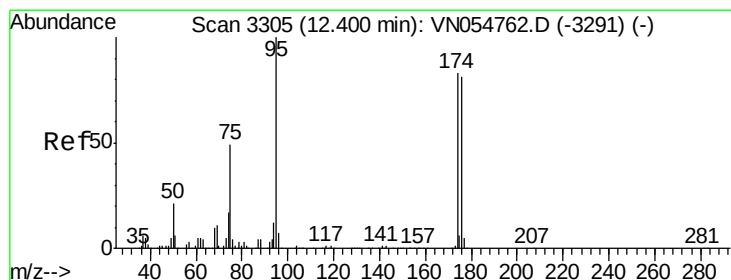
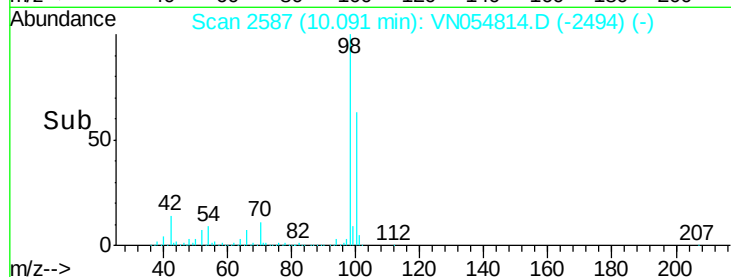
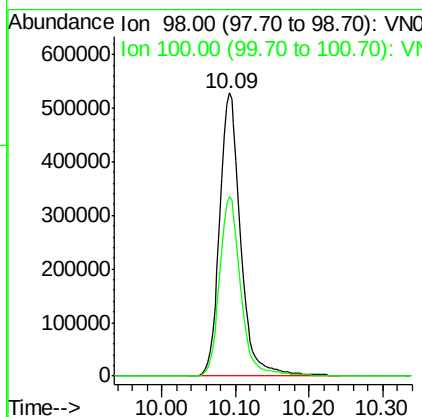
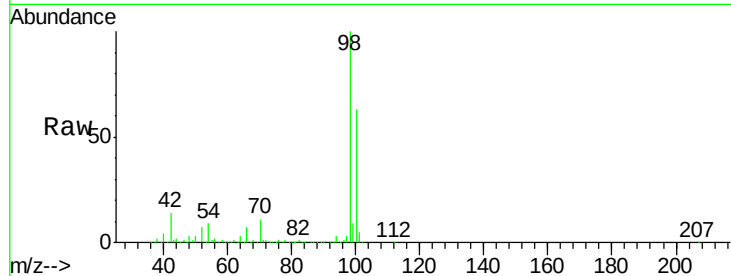




#50
Toluene-d8
Concen: 47.906 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054814.D
Acq: 30 Mar 2019 20:25

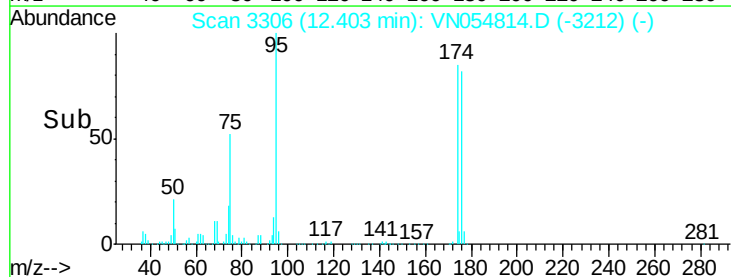
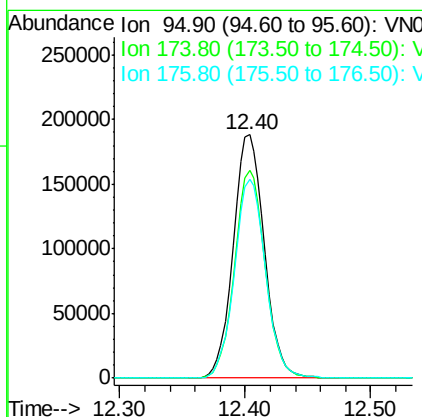
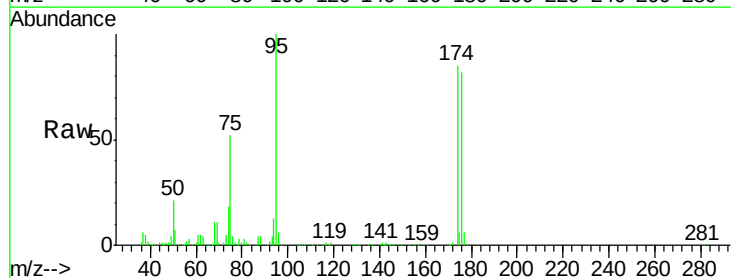
Instrument :
MSVOA_N
ClientSampled :
S6B(8)

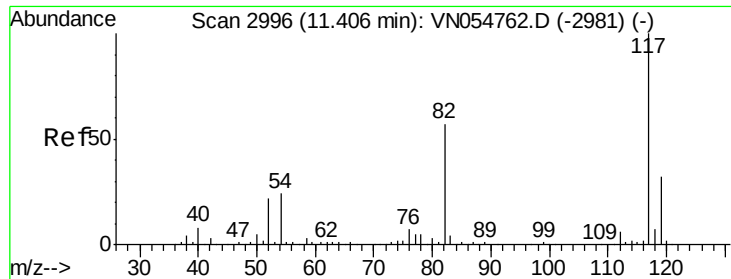
Tot Ion: 98 Resp: 1046392
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.635 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054814.D
Acq: 30 Mar 2019 20:25

Tgt Ion: 95 Resp: 324245
Ion Ratio Lower Upper
95 100
174 84.2 0.0 191.0
176 81.6 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054814.D

Acq: 30 Mar 2019 20:25

Instrument :

MSVOA_N

ClientSampled :

S6B(8)

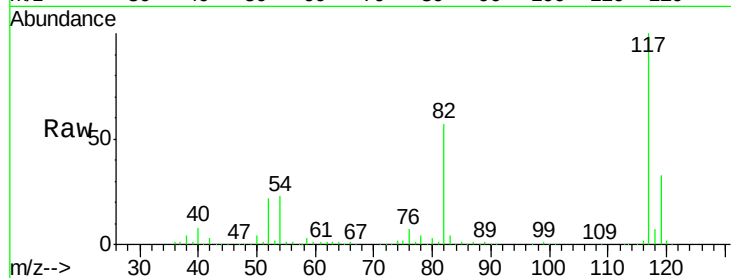
Tot Ion:117 Resp: 741971

Ion Ratio Lower Upper

117 100

82 56.7 40.0 60.0

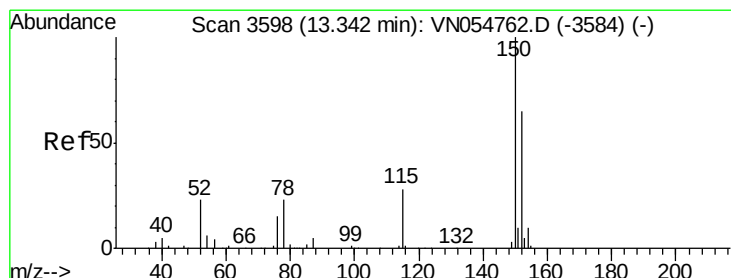
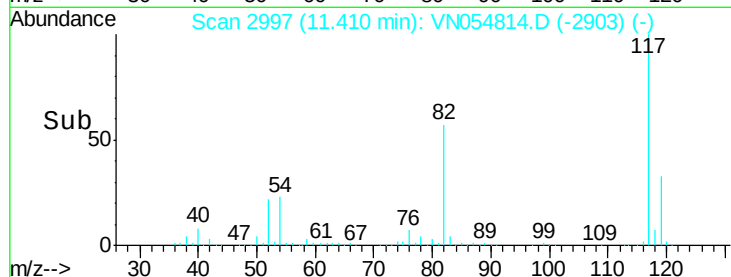
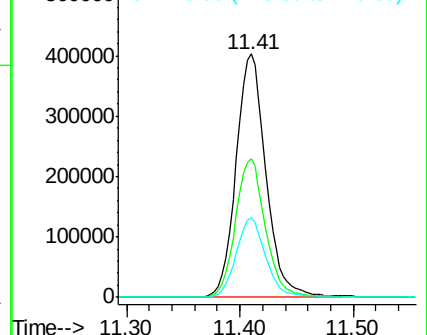
119 32.5 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054814.D

Acq: 30 Mar 2019 20:25

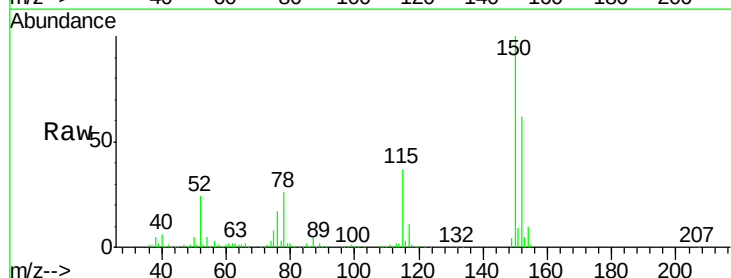
Tgt Ion:152 Resp: 274777

Ion Ratio Lower Upper

152 100

115 58.4 27.2 81.6

150 158.1 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

