

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054835.D
 Acq On : 31 Mar 2019 6:37
 Operator : JC/SP
 Sample : K2139-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S7B(8)

Quant Time: Apr 01 02:07:49 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

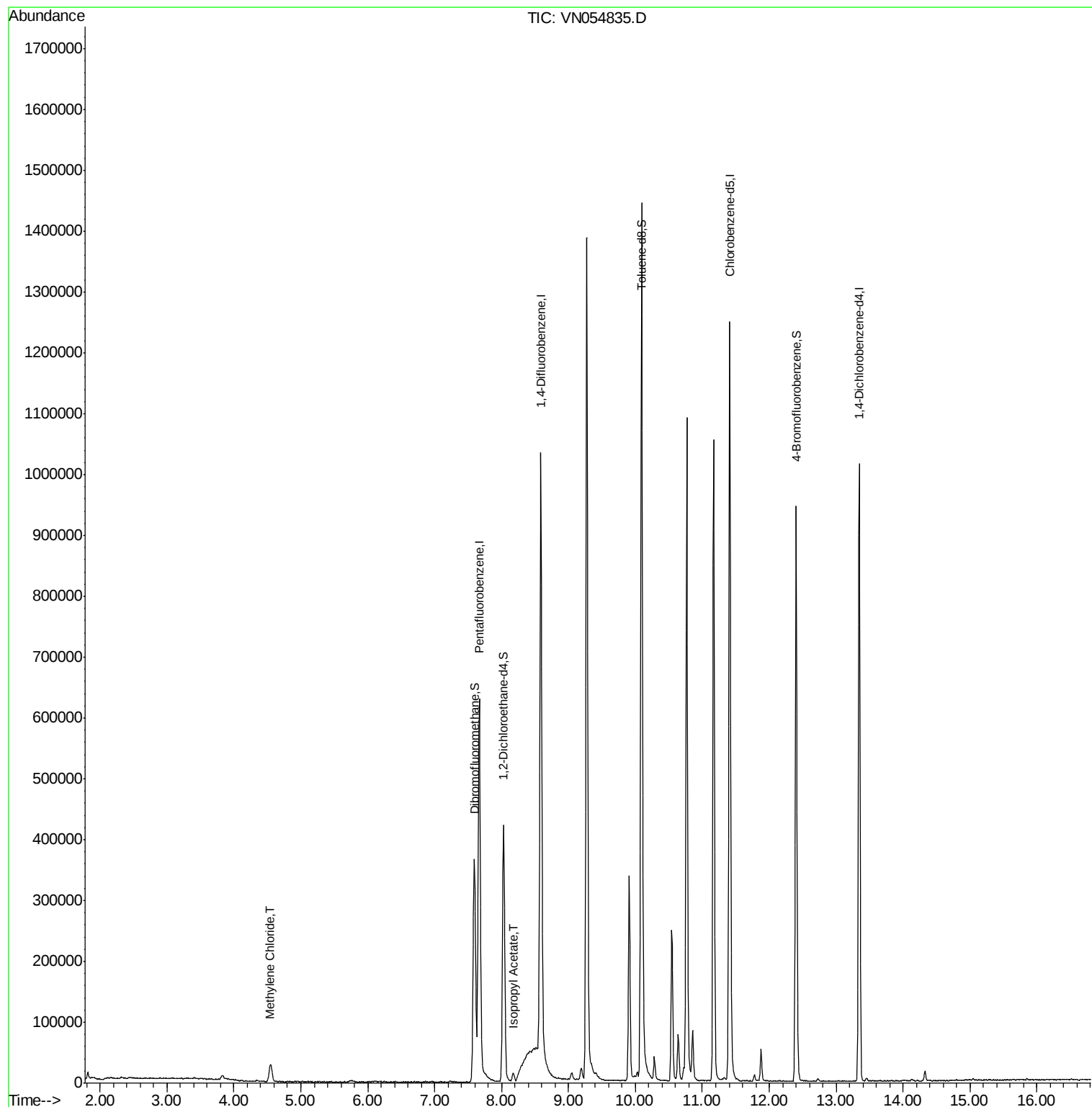
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	534966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	757459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	361736	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	7.59	113	281807	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	10.09	98	1058402	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.40	95	322911	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
20) Methylene Chloride	4.54	84	19877	3.277	ug/l #	86
43) Isopropyl Acetate	8.17	43	16627	1.692	ug/l #	95

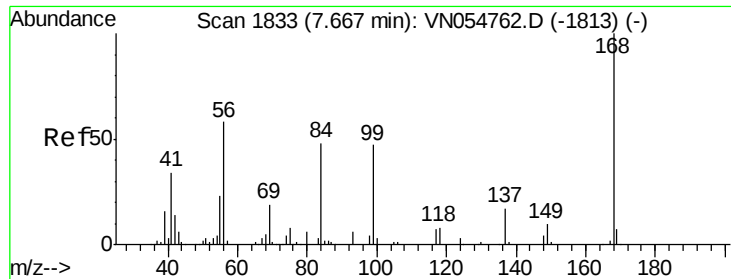
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1834

Delta R.T. 0.00 min

Lab File: VN054835.D

Acq: 31 Mar 2019 6:37

Instrument :

MSVOA_N

ClientSampleId :

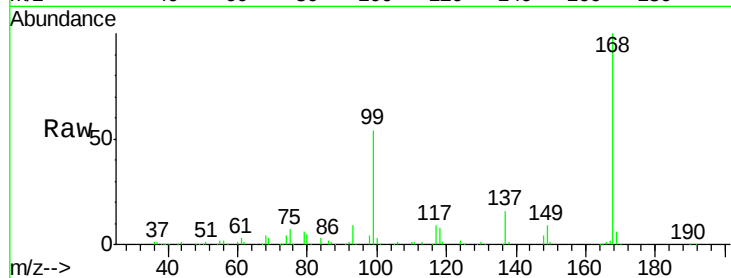
S7B(8)

Tot Ion:168 Resp: 534966

Ion Ratio Lower Upper

168 100

99 53.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

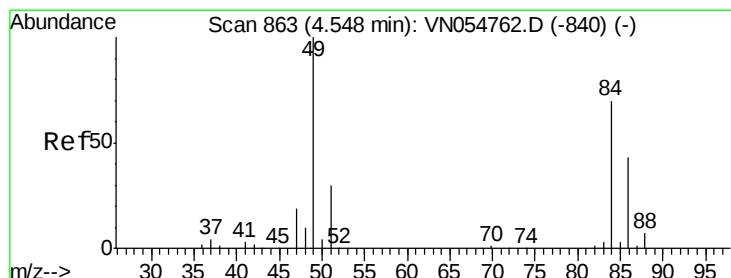
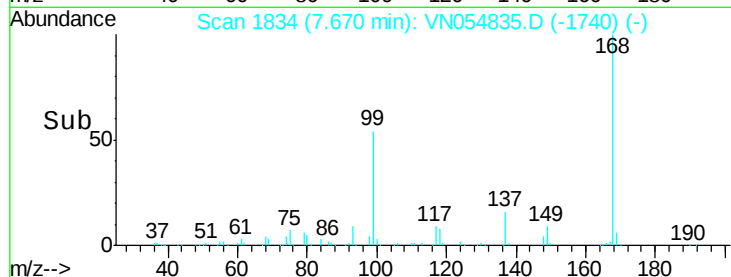
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 3.277 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054835.D

Acq: 31 Mar 2019 6:37

Tgt Ion: 84 Resp: 19877

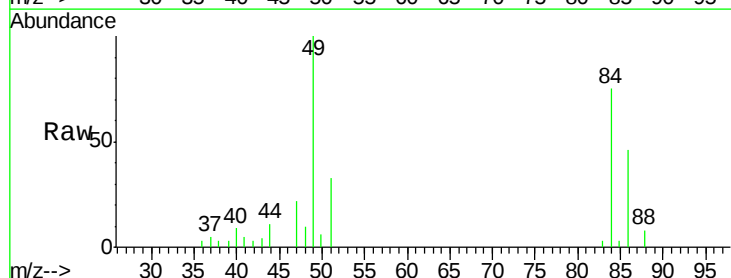
Ion Ratio Lower Upper

84 100

49 133.9 89.7 134.5

51 44.6 28.2 42.4#

86 61.7 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

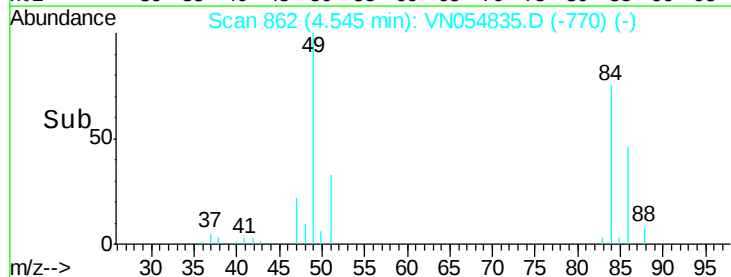
Ion 85.90 (85.60 to 86.60): VNO

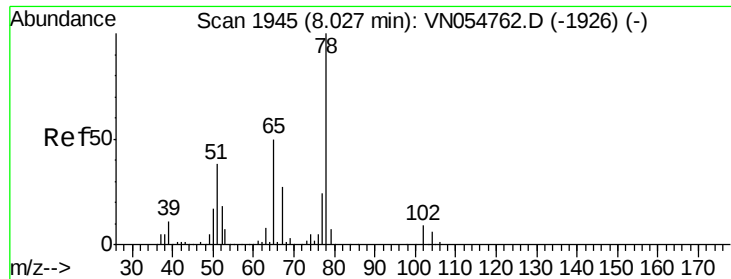
10000

5000

0

Time--> 4.50 4.60

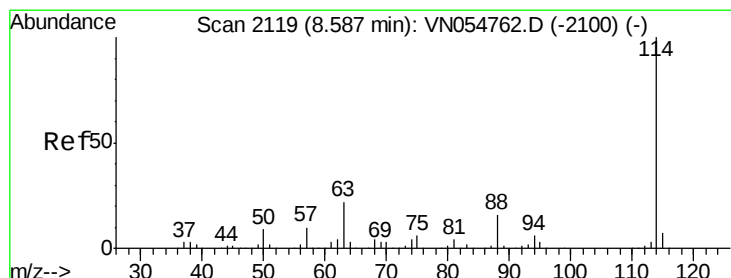
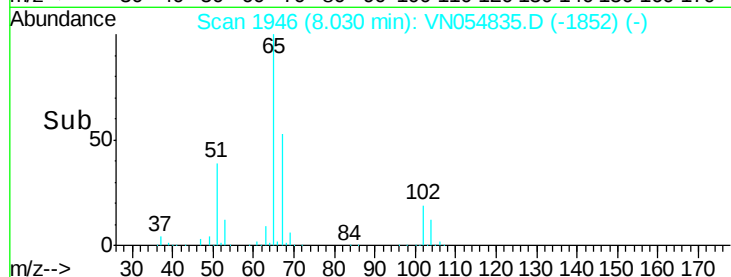
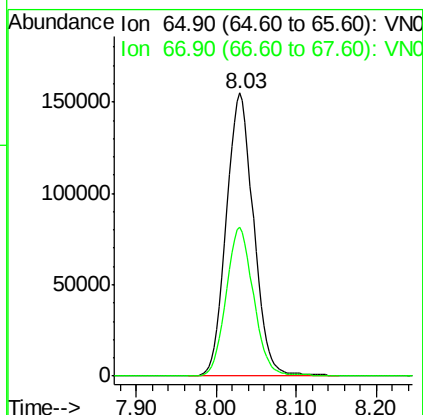
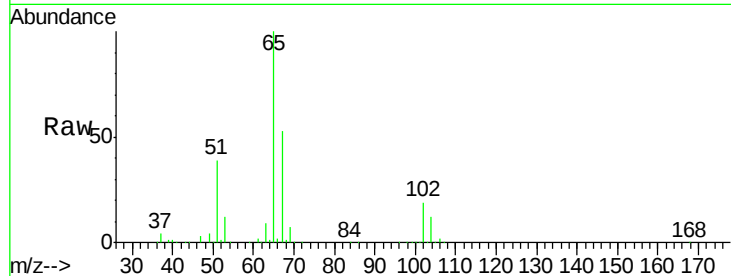




#33
 1,2-Dichloroethane-d4
 Concen: 50.161 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054835.D
 Acq: 31 Mar 2019 6:37

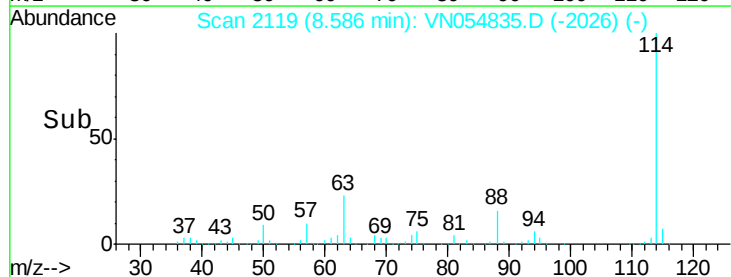
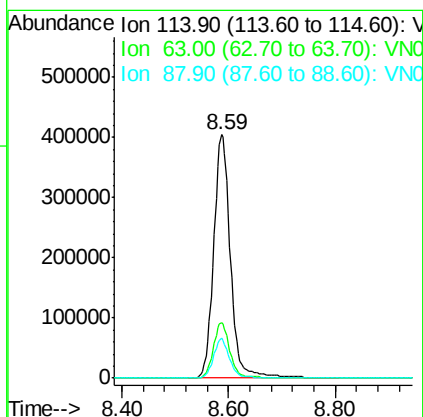
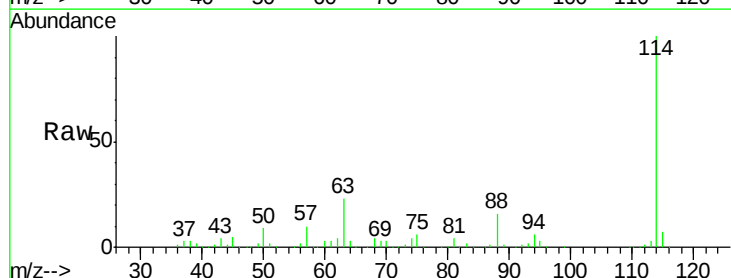
Instrument :
 MSVOA_N
 ClientSampleId :
 S7B(8)

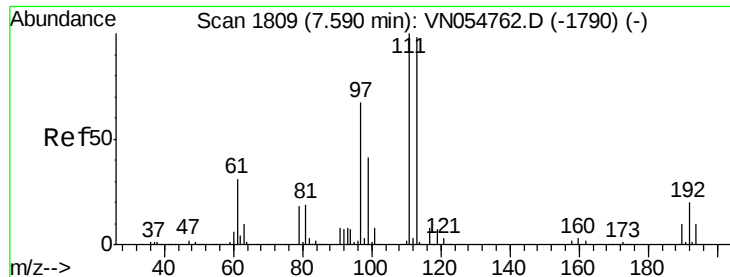
Tot Ion: 65 Resp: 361736
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054835.D
 Acq: 31 Mar 2019 6:37

Tgt Ion: 114 Resp: 885322
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.2
 88 16.2 0.0 30.2

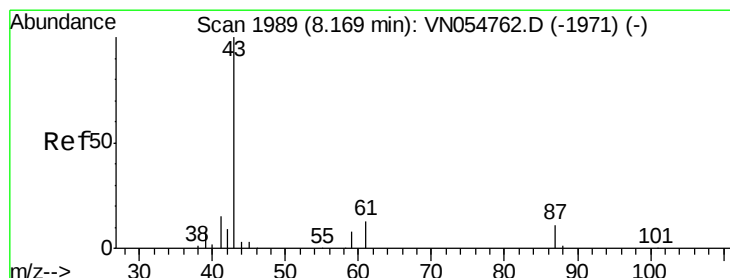
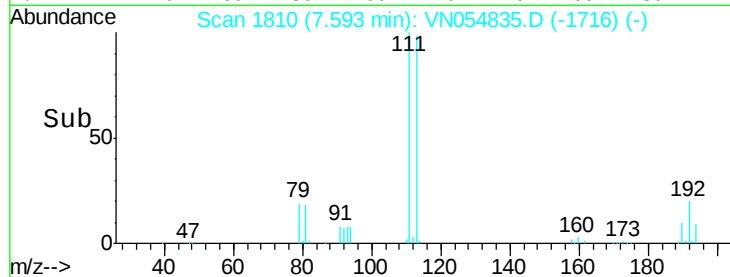
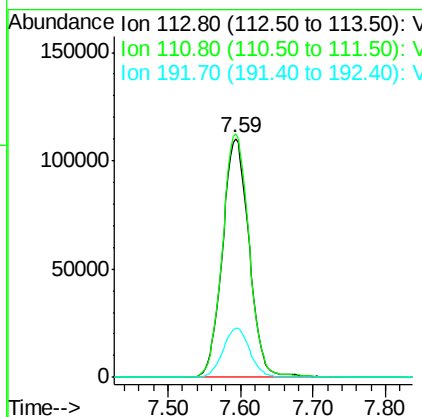
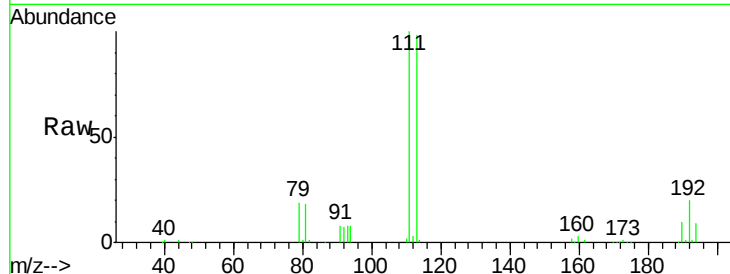




#35
 Dibromofluoromethane
 Concen: 47.745 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054835.D
 Acq: 31 Mar 2019 6:37

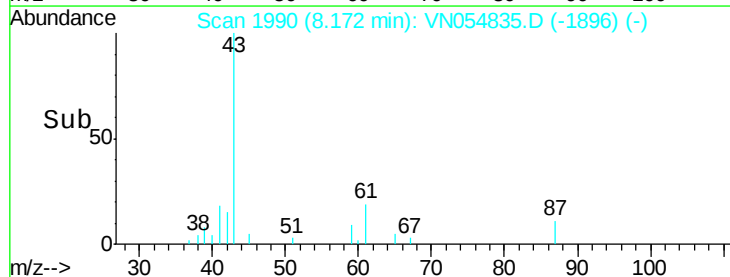
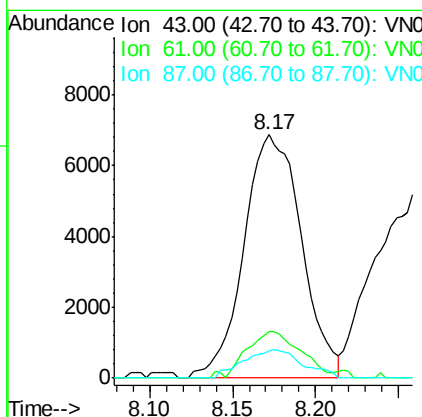
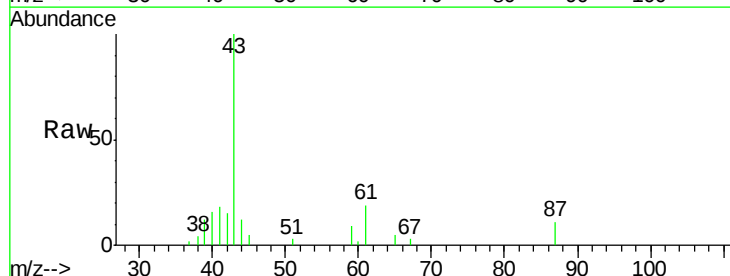
Instrument :
 MSVOA_N
 ClientSampled :
 S7B(8)

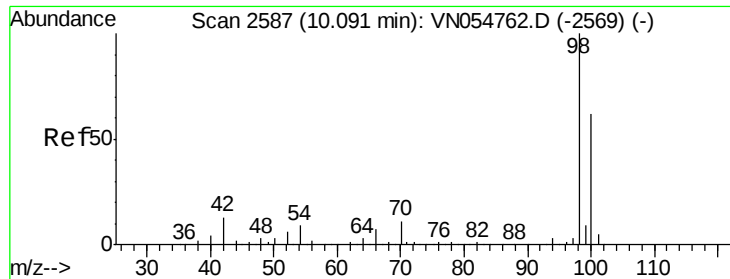
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	20.7	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.692 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054835.D
 Acq: 31 Mar 2019 6:37

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	15.8	23.8
87	12.0	12.0	18.0





#50

Toluene-d8

Concen: 48.233 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054835.D

Acq: 31 Mar 2019 6:37

Instrument :

MSVOA_N

ClientSampleId :

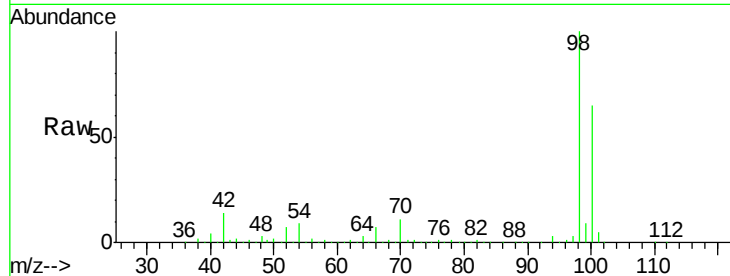
S7B(8)

Tot Ion: 98 Resp: 1058402

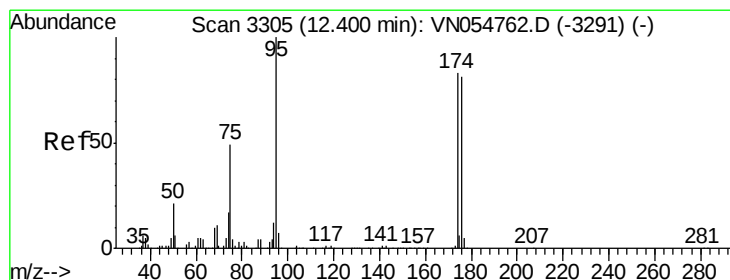
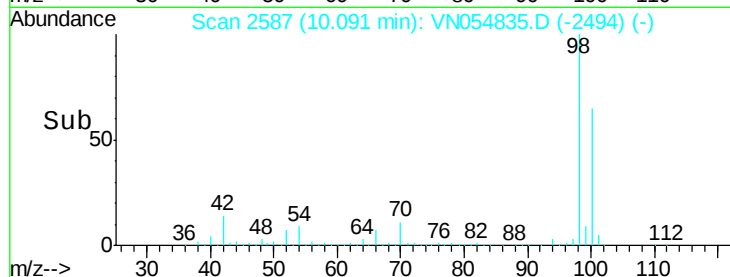
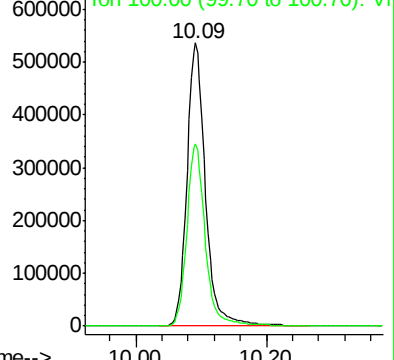
Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



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



#62

4-Bromofluorobenzene

Concen: 44.247 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054835.D

Acq: 31 Mar 2019 6:37

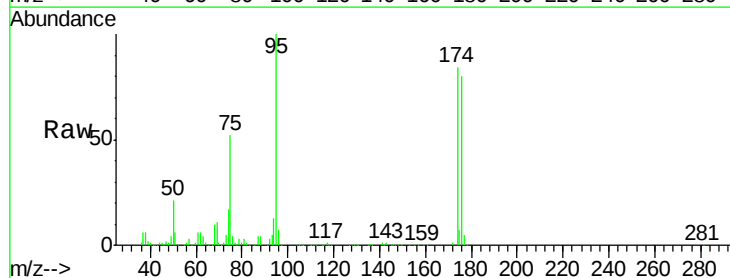
Tgt Ion: 95 Resp: 322911

Ion Ratio Lower Upper

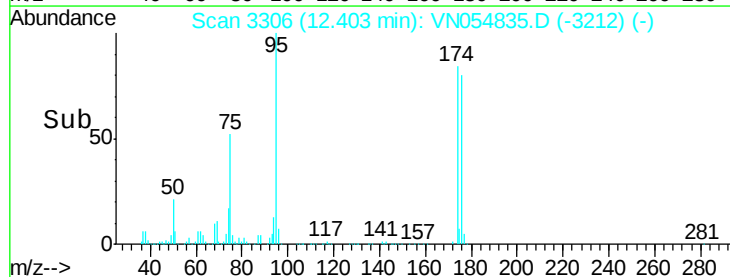
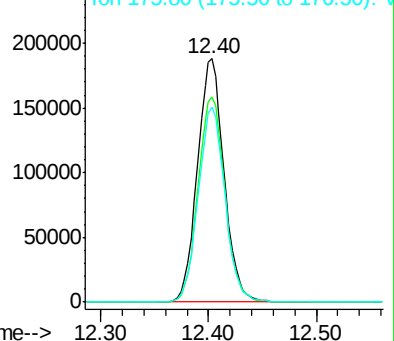
95 100

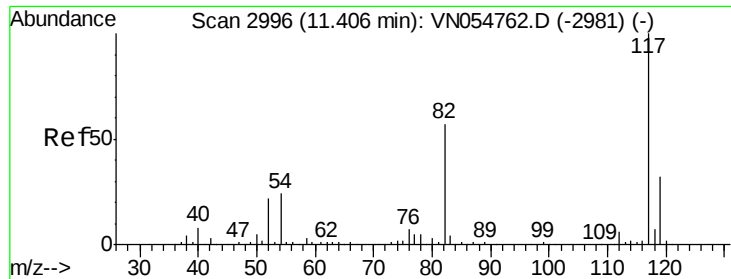
174 85.0 0.0 191.0

176 80.7 0.0 187.4



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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054835.D

Acq: 31 Mar 2019 6:37

Instrument :

MSVOA_N

ClientSampleId :

S7B(8)

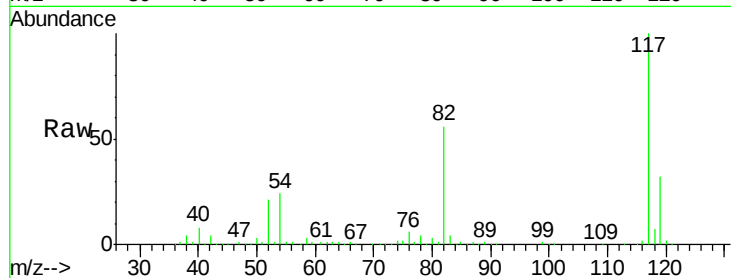
Tot Ion:117 Resp: 757459

Ion Ratio Lower Upper

117 100

82 55.8 40.0 60.0

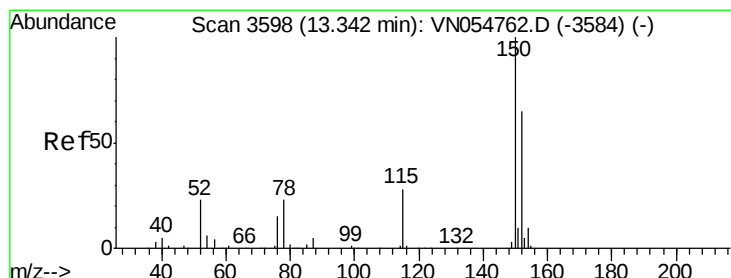
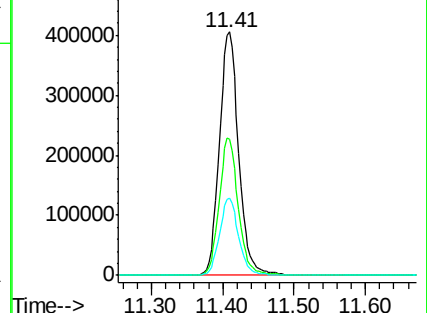
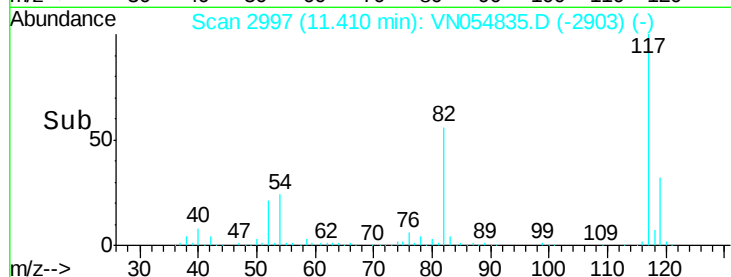
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN054835.D

Acq: 31 Mar 2019 6:37

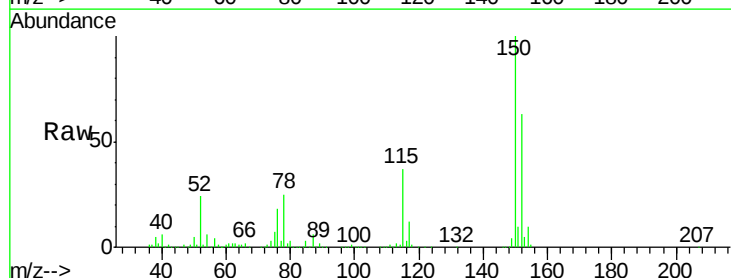
Tgt Ion:152 Resp: 270232

Ion Ratio Lower Upper

152 100

115 57.5 27.2 81.6

150 156.4 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

