

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052834.D
 Acq On : 12 Dec 2018 18:27
 Operator : MD\SY
 Sample : J6319-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 069_FB-120718

Quant Time: Dec 13 13:37:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

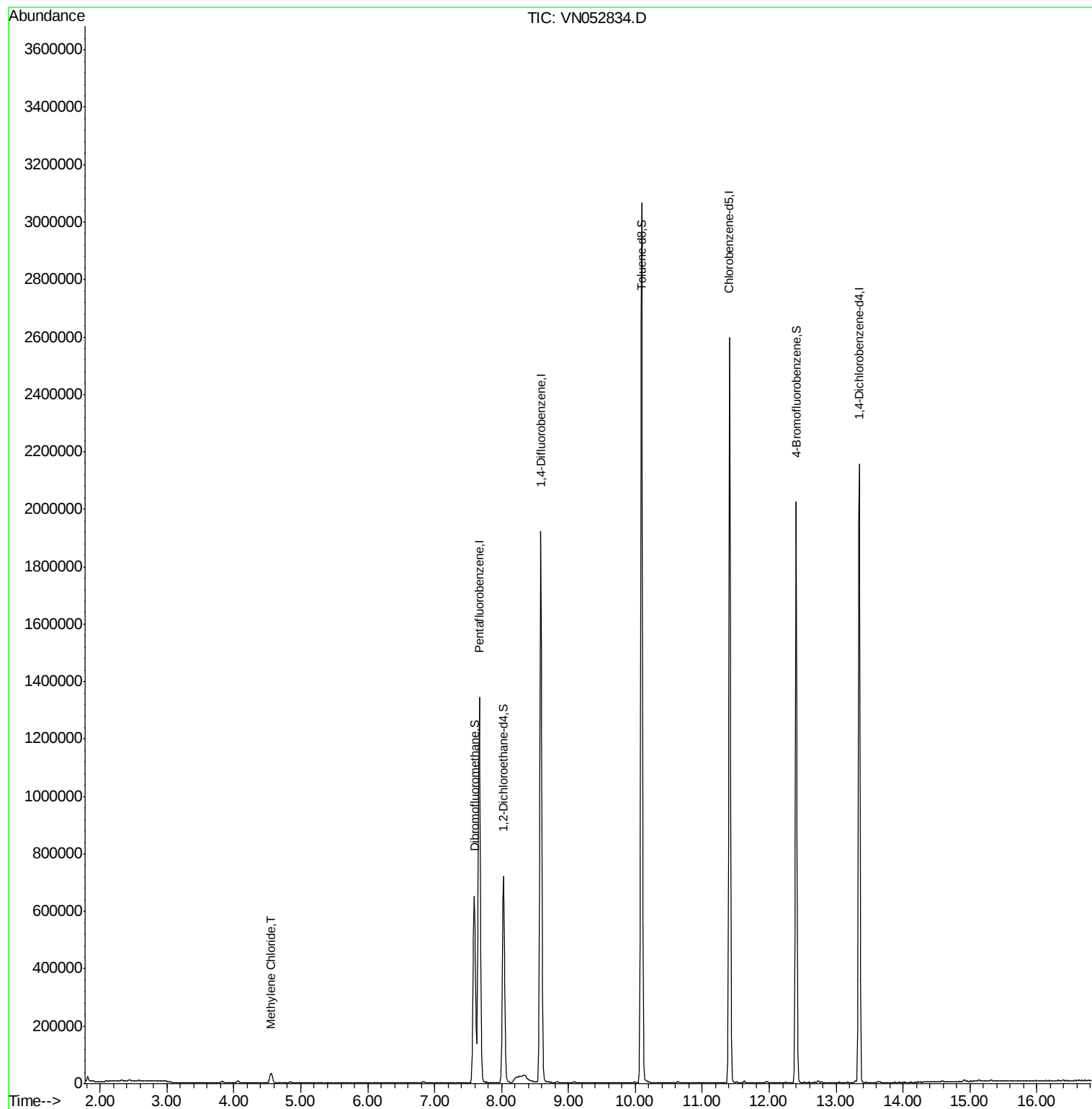
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1164740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1808373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1574613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	621826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	601791	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
35) Dibromofluoromethane	7.59	113	509855	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.09	98	2188615	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	695888	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
20) Methylene Chloride	4.55	84	25908	2.070	ug/l	Qvalue 97

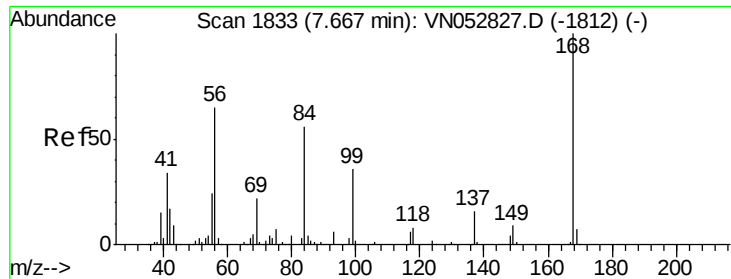
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052834.D

Acq: 12 Dec 2018 18:27

Instrument :

MSVOA_N

ClientSampleId :

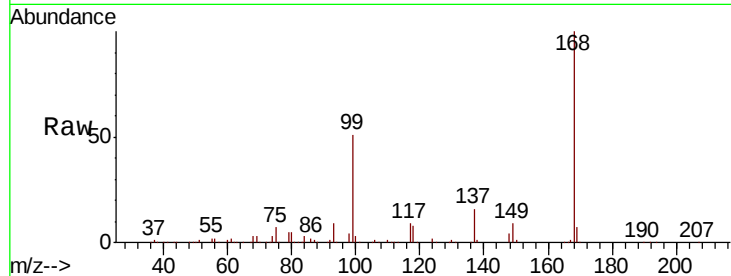
069_FB-120718

Tot Ion:168 Resp: 1164740

Ion Ratio Lower Upper

168 100

99 51.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

500000

400000

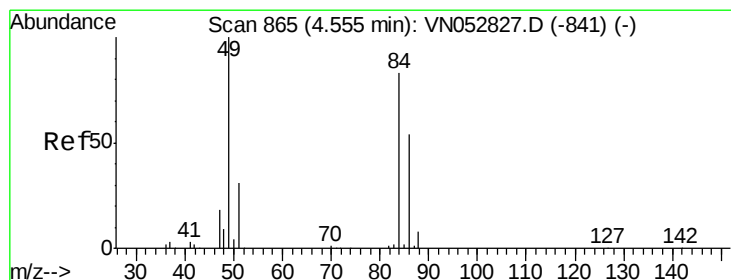
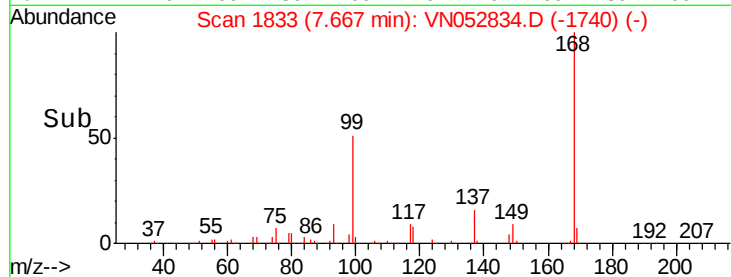
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 2.070 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052834.D

Acq: 12 Dec 2018 18:27

Tgt Ion: 84 Resp: 25908

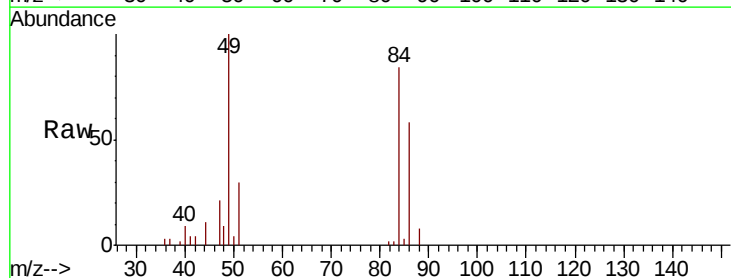
Ion Ratio Lower Upper

84 100

49 118.5 96.8 145.2

51 35.7 29.9 44.9

86 68.6 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VN052827.D (-841) (-)

Ion 48.90 (48.60 to 49.60): VN052827.D (-841) (-)

Ion 50.90 (50.60 to 51.60): VN052827.D (-841) (-)

Ion 85.90 (85.60 to 86.60): VN052827.D (-841) (-)

4.55

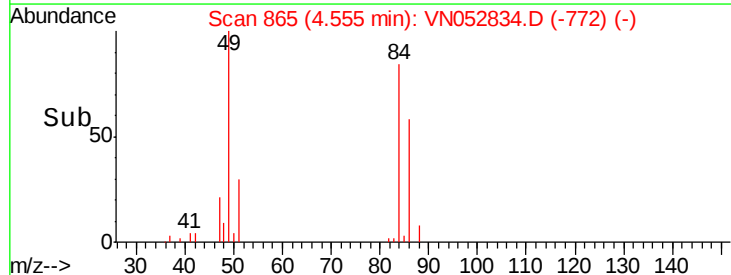
15000

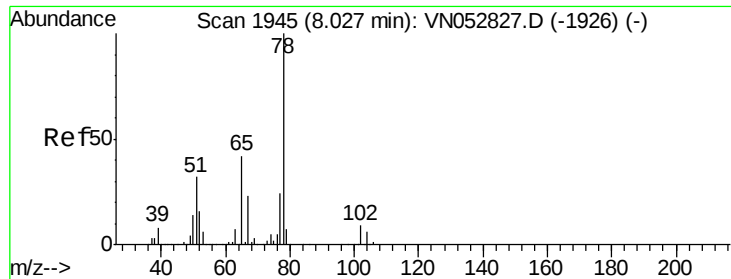
10000

5000

0

Time-->

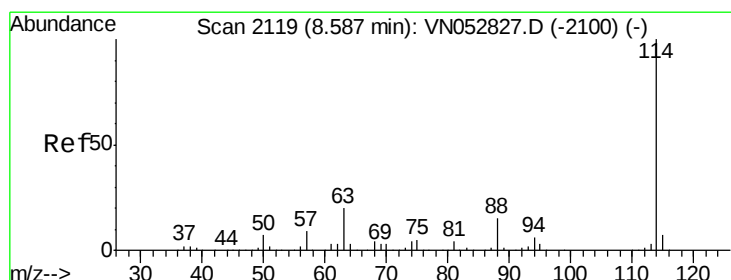
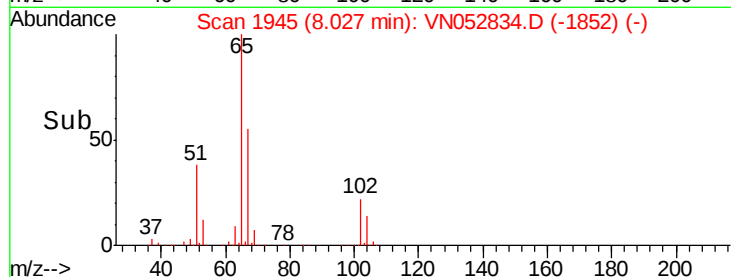
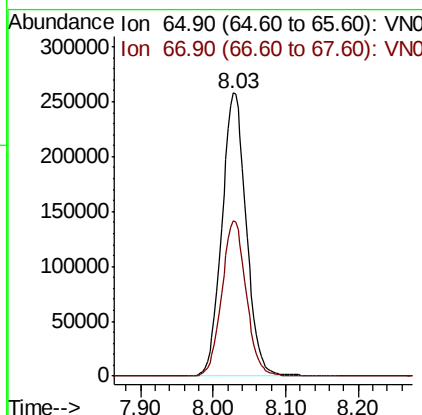
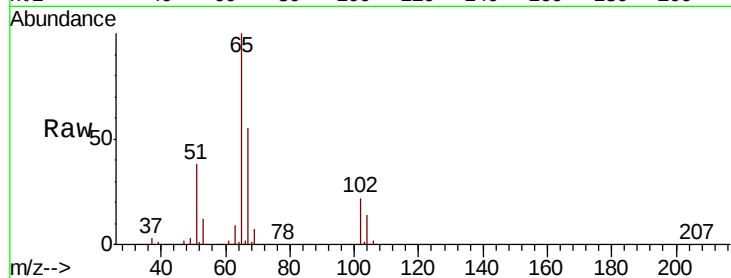




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052834.D
 Acq: 12 Dec 2018 18:27

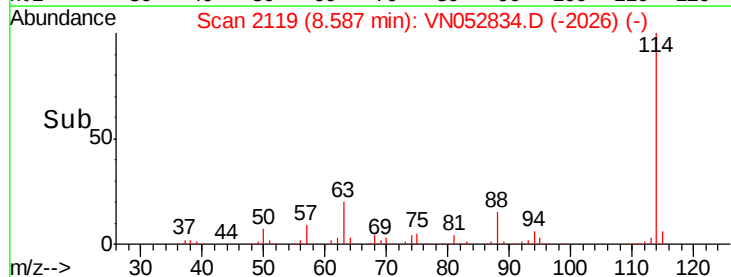
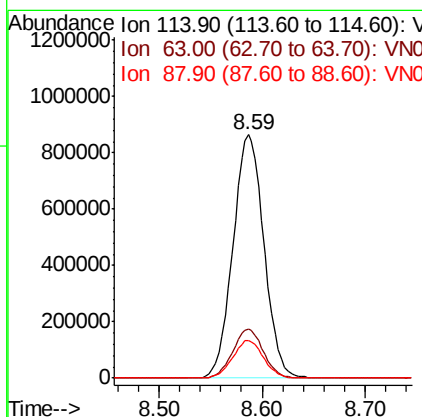
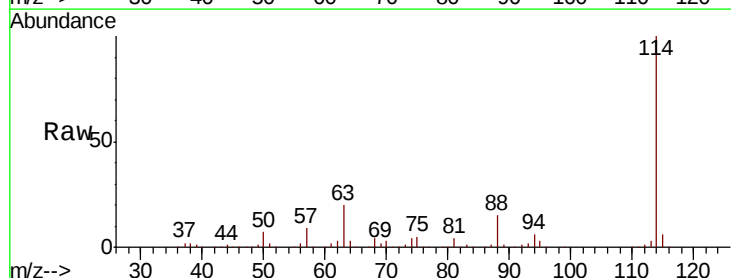
Instrument :
 MSVOA_N
 ClientSampleId :
 069_FB-120718

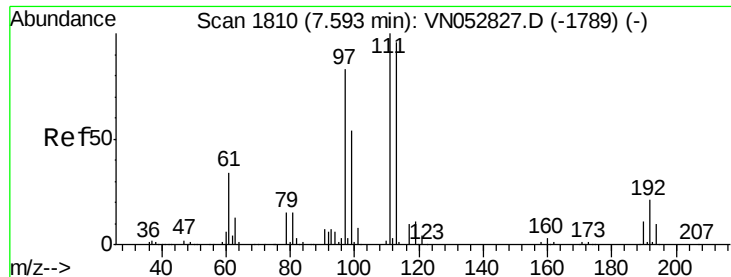
Tot Ion: 65 Resp: 601791
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052834.D
 Acq: 12 Dec 2018 18:27

Tgt Ion: 114 Resp: 1808373
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.5 0.0 31.0

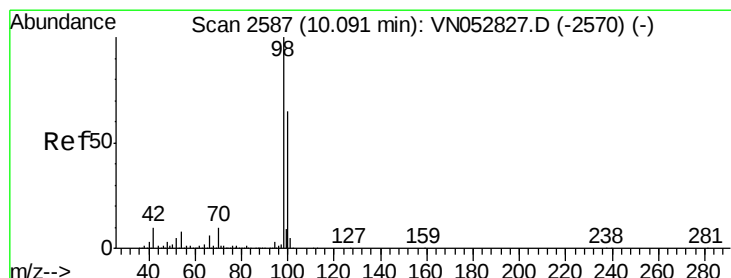
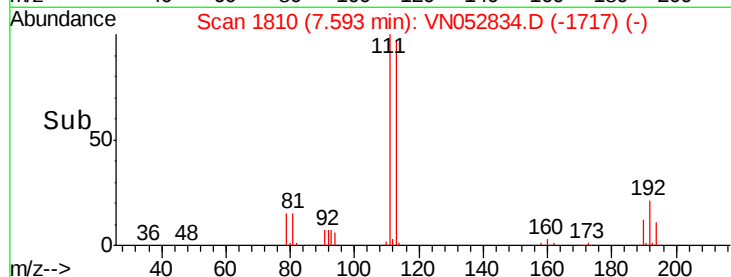
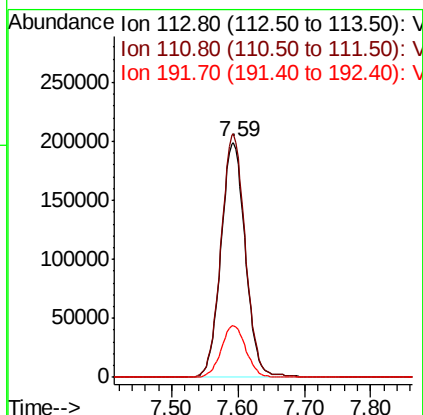
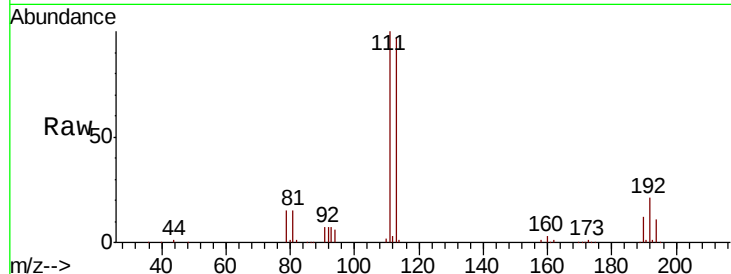




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052834.D
Acq: 12 Dec 2018 18:27

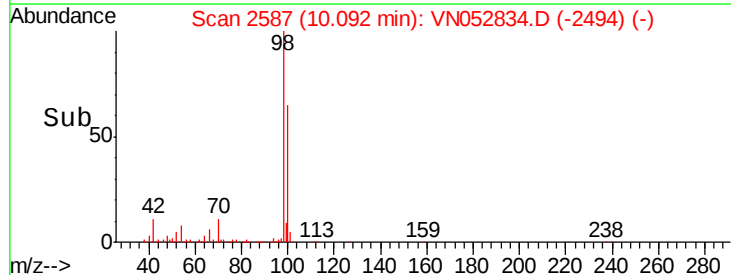
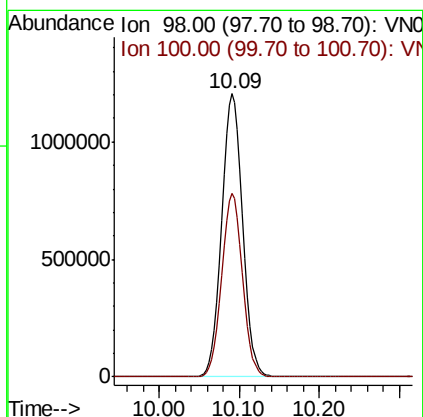
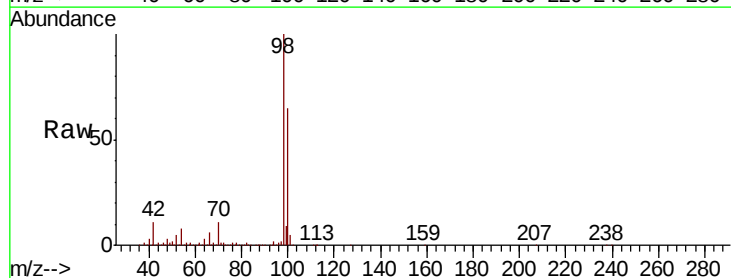
Instrument :
MSVOA_N
ClientSampleId :
069_FB-120718

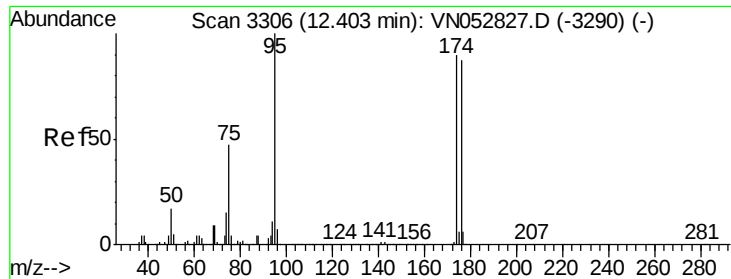
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	22.3	17.5	26.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052834.D
Acq: 12 Dec 2018 18:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4

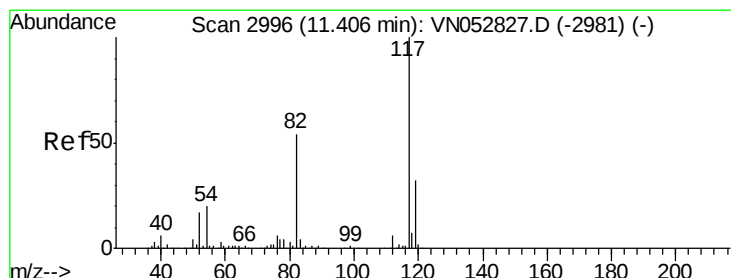
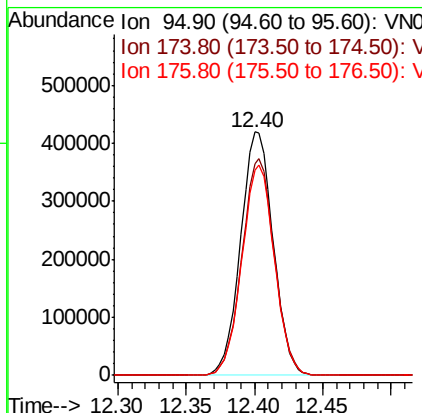
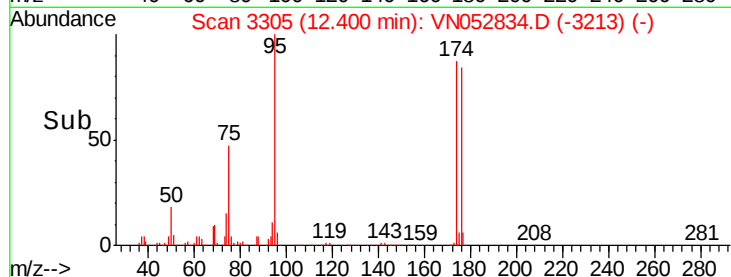
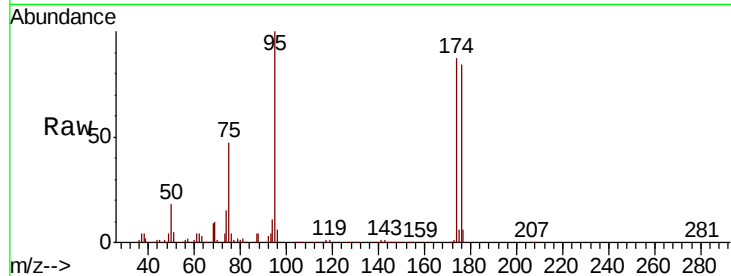




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052834.D
Acq: 12 Dec 2018 18:27

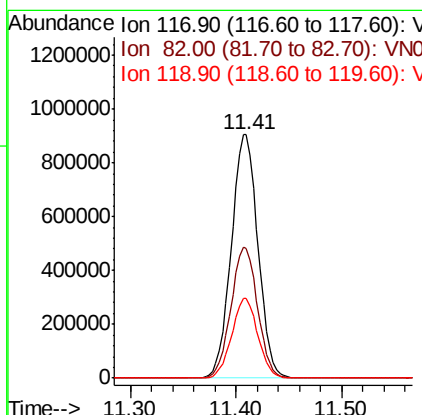
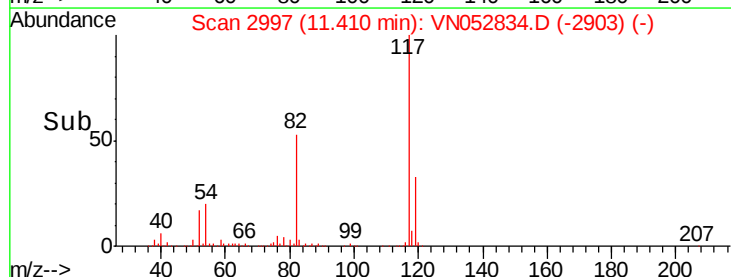
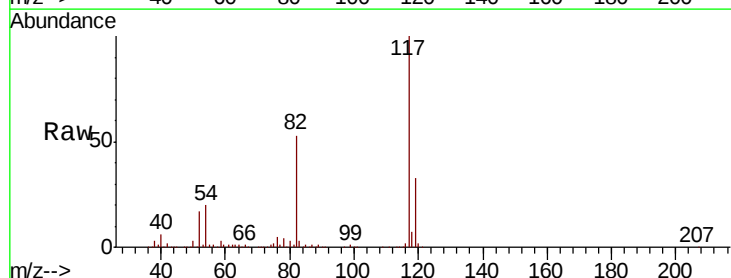
Instrument :
MSVOA_N
ClientSampleId :
069_FB-120718

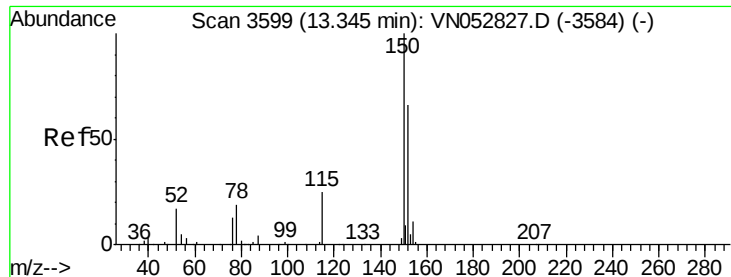
Tot Ion: 95 Resp: 695888
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.8
176 86.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052834.D
Acq: 12 Dec 2018 18:27

Tgt Ion: 117 Resp: 1574613
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052834.D

Acq: 12 Dec 2018 18:27

Instrument :

MSVOA_N

ClientSampleId :

069_FB-120718

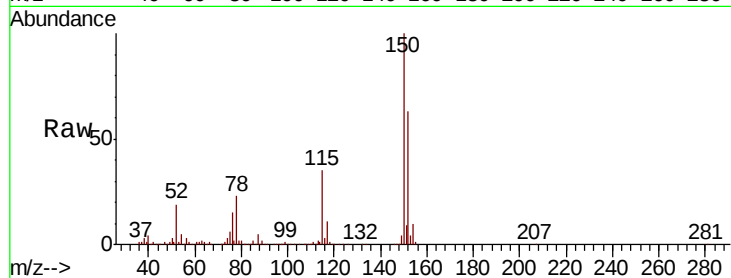
Tot Ion:152 Resp: 621826

Ion Ratio Lower Upper

152 100

115 55.9 28.3 85.0

150 157.2 0.0 347.8



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

