

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054783.D
 Acq On : 29 Mar 2019 21:04
 Operator : JC/SP
 Sample : PB118568TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118568TB

Quant Time: Mar 30 22:04:43 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

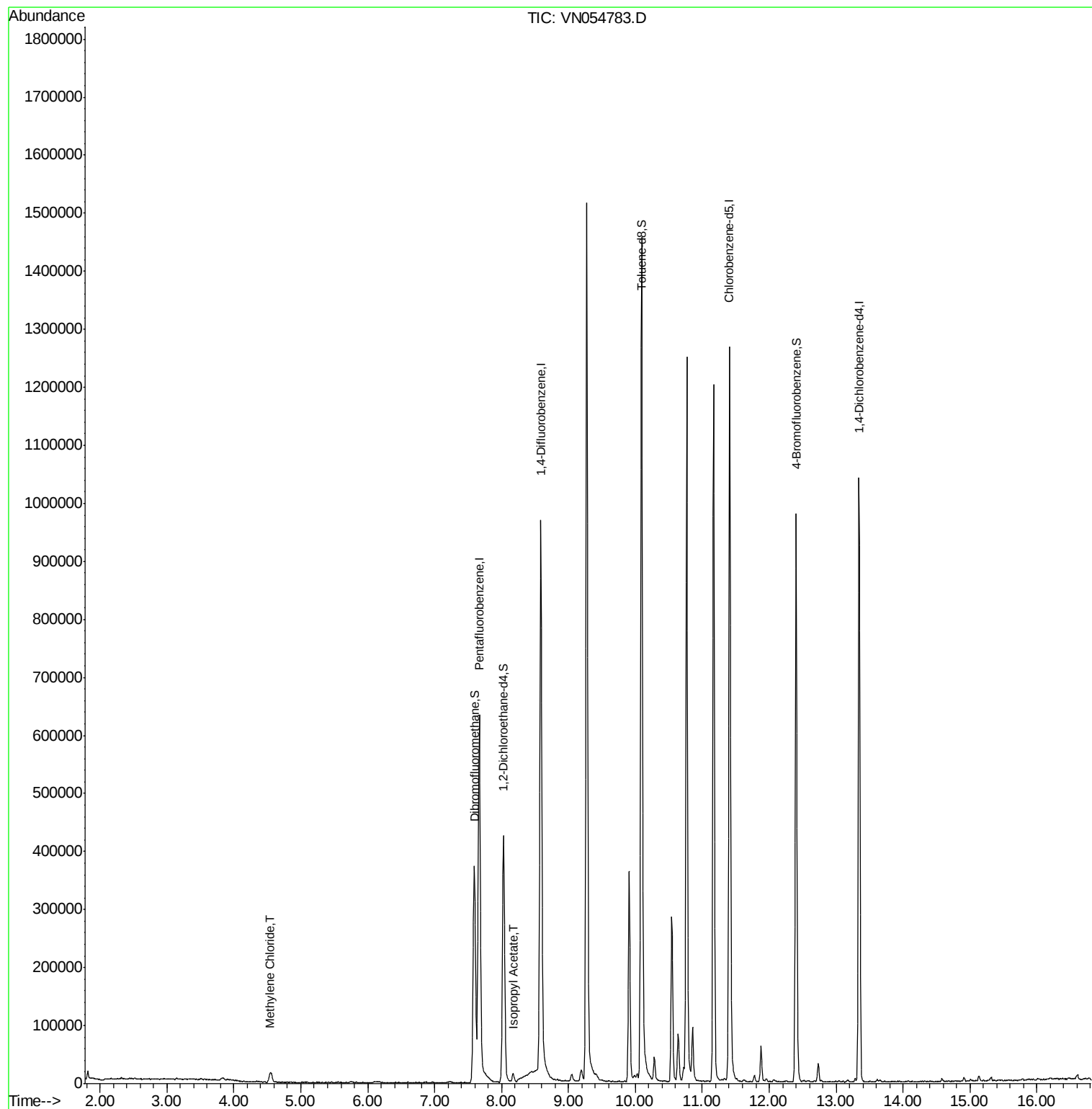
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	552392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	888962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	759505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	278120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	363269	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
35) Dibromofluoromethane	7.59	113	281655	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	10.09	98	1066291	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	332508	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
20) Methylene Chloride	4.55	84	11452	1.828	ug/l	96
43) Isopropyl Acetate	8.17	43	17428	1.766	ug/l #	95

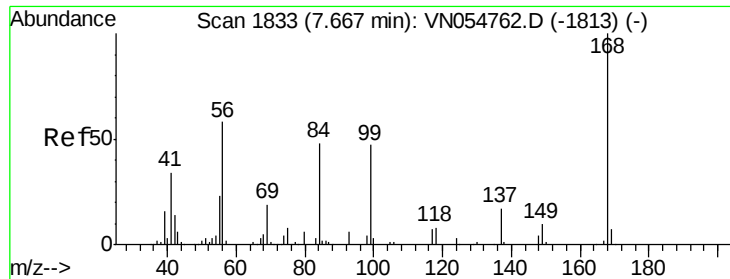
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032919\
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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: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampleId :

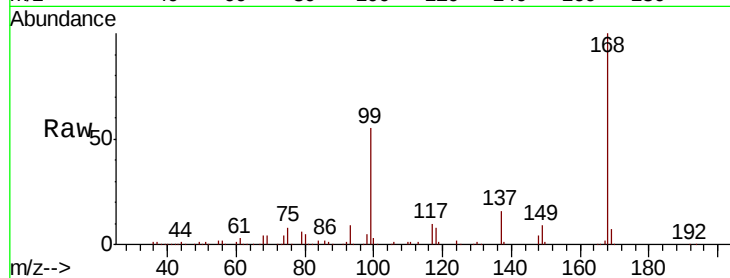
PB118568TB

Tot Ion:168 Resp: 552392

Ion Ratio Lower Upper

168 100

99 54.7 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

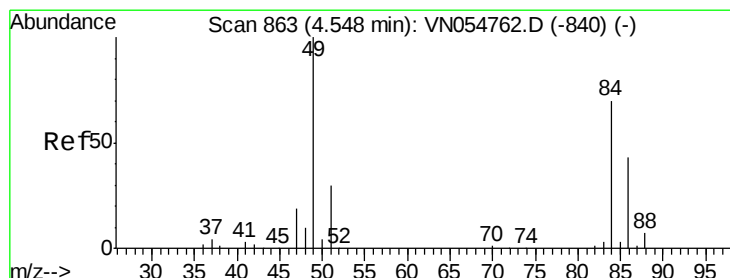
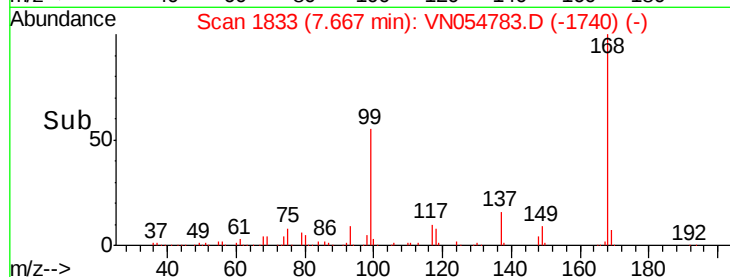
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.828 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Tgt Ion: 84 Resp: 11452

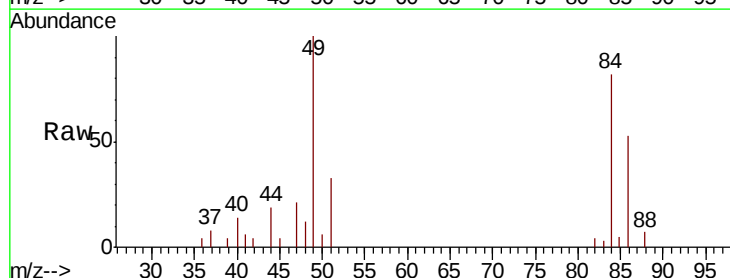
Ion Ratio Lower Upper

84 100

49 116.6 89.7 134.5

51 40.3 28.2 42.4

86 64.8 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

8000

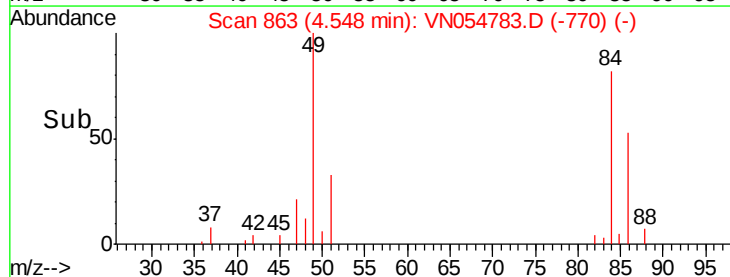
6000

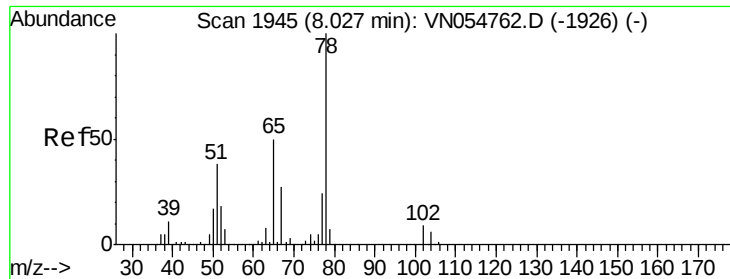
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65

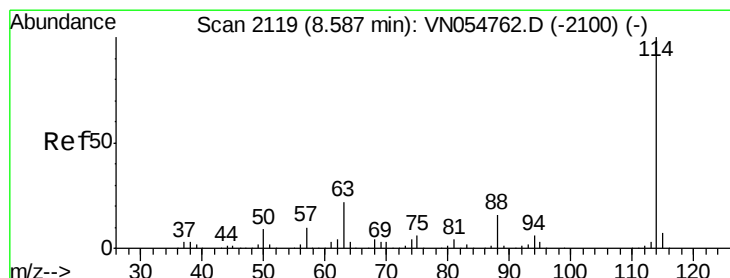
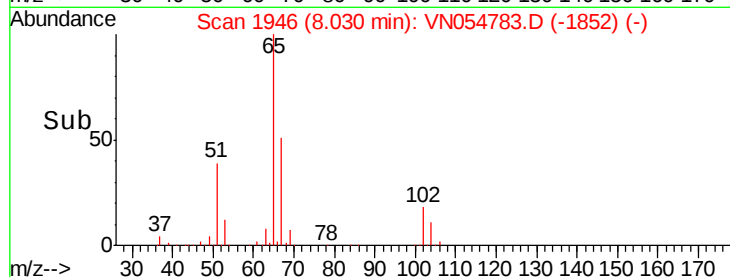
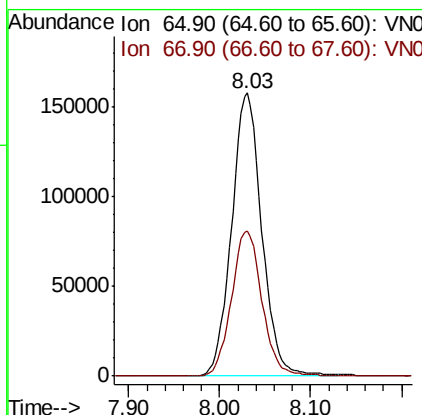
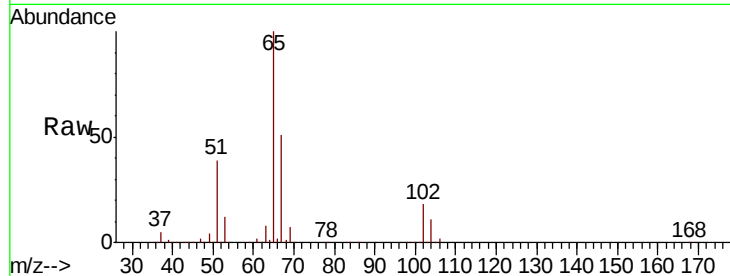




#33
 1,2-Dichloroethane-d4
 Concen: 48.785 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

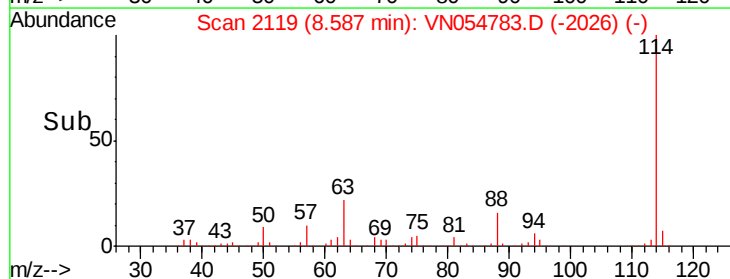
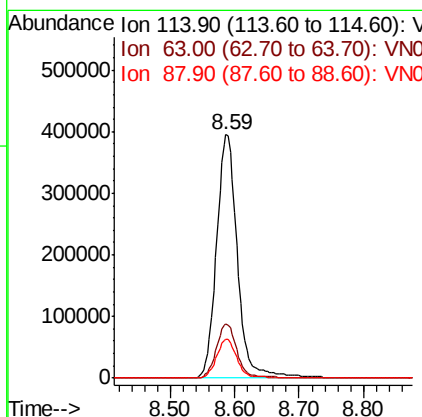
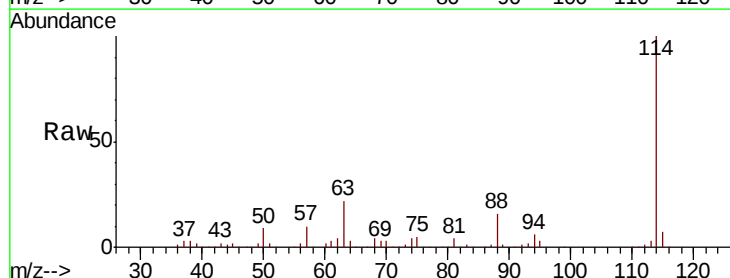
Instrument :
 MSVOA_N
 ClientSampleId :
 PB118568TB

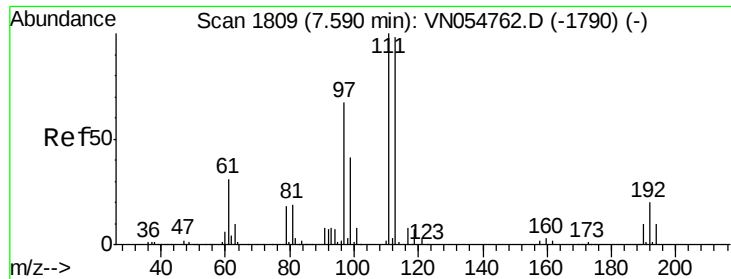
Tot Ion: 65 Resp: 363269
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

Tgt Ion: 114 Resp: 888962
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 16.0 0.0 30.2

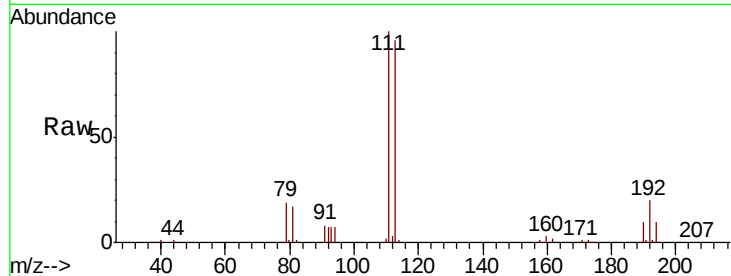




#35
 Dibromofluoromethane
 Concen: 47.524 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118568TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	20.6	19.2	28.8

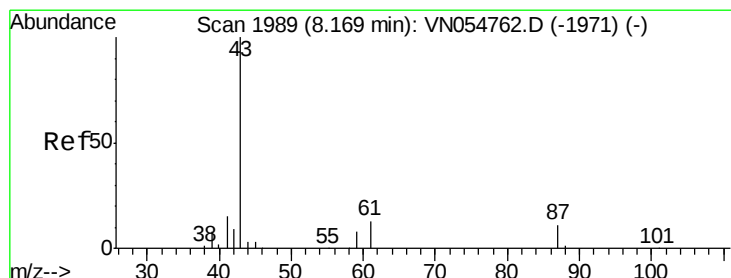
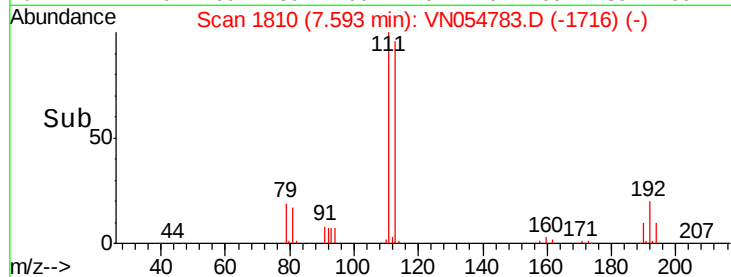
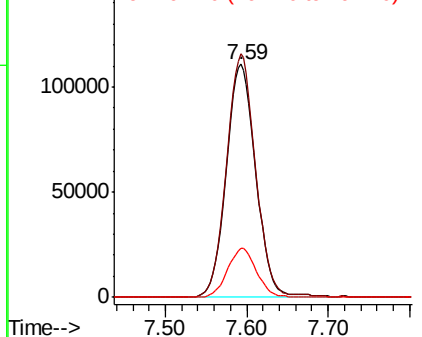


Abundance

Ion 112.80 (112.50 to 113.50): V

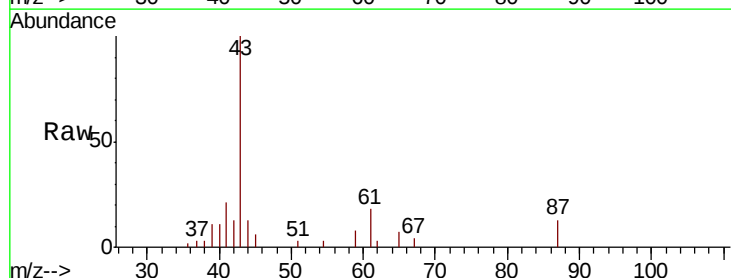
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43
 Isopropyl Acetate
 Concen: 1.766 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.8	23.8
87	10.7	12.0	18.0#

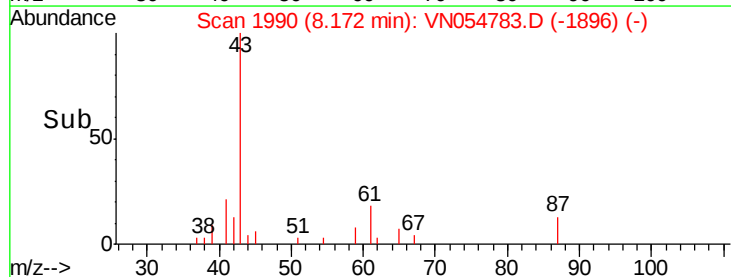
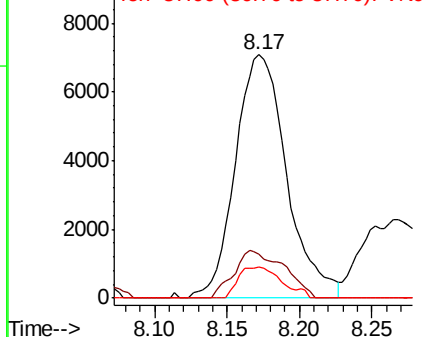


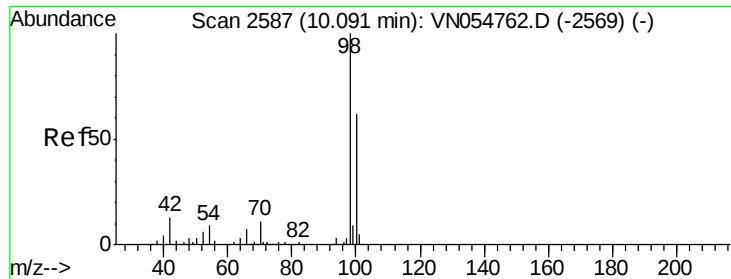
Abundance

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: 48.393 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampleId :

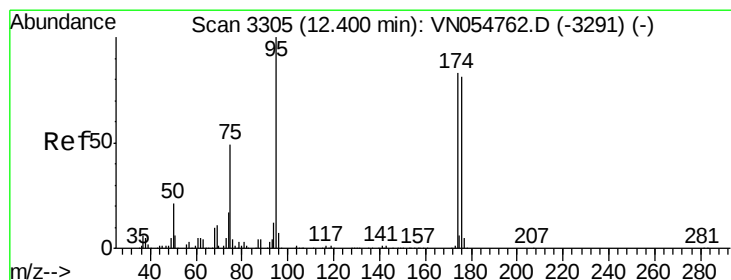
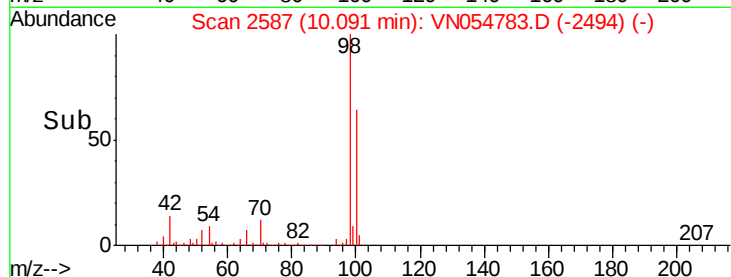
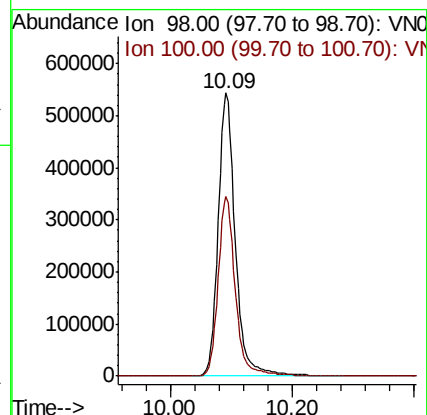
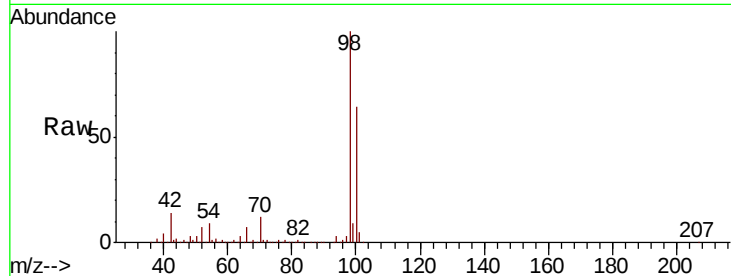
PB118568TB

Tot Ion: 98 Resp: 1066291

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.375 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

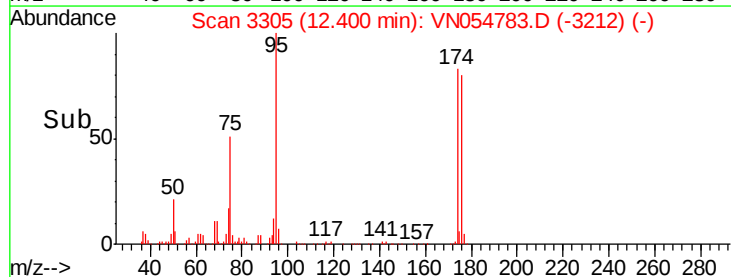
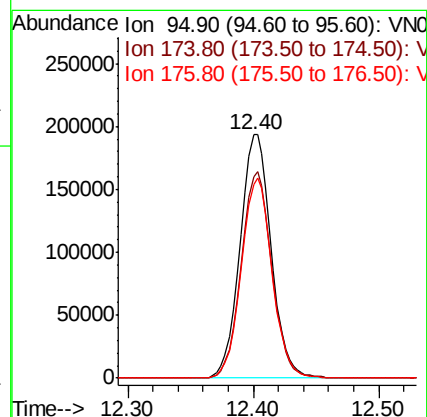
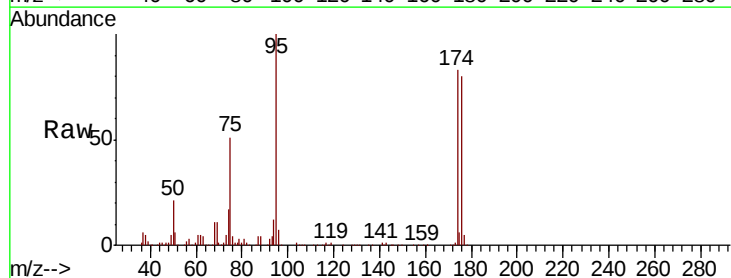
Tgt Ion: 95 Resp: 332508

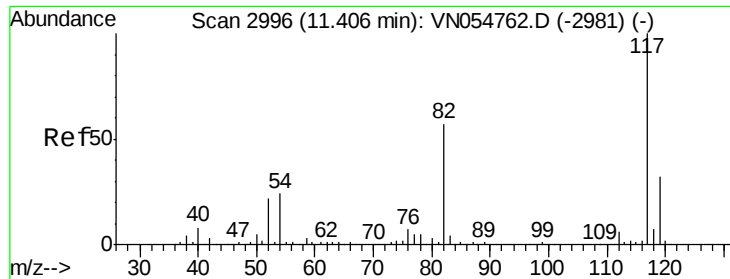
Ion Ratio Lower Upper

95 100

174 83.7 0.0 191.0

176 81.4 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: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampled :

PB118568TB

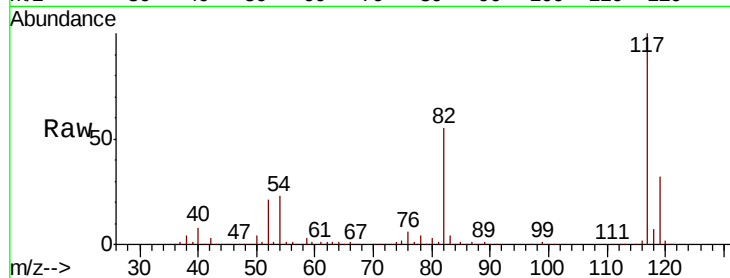
Tot Ion:117 Resp: 759505

Ion Ratio Lower Upper

117 100

82 54.7 40.0 60.0

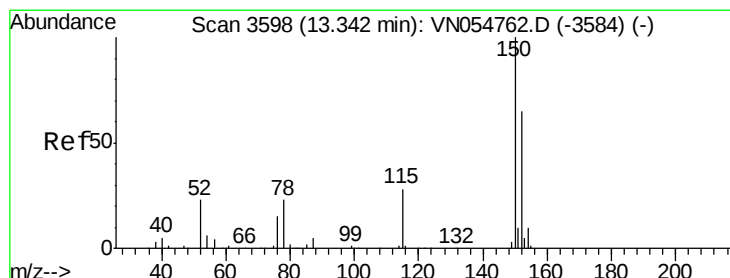
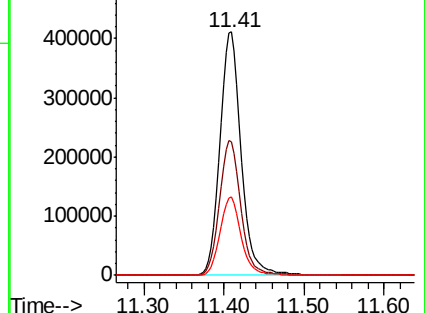
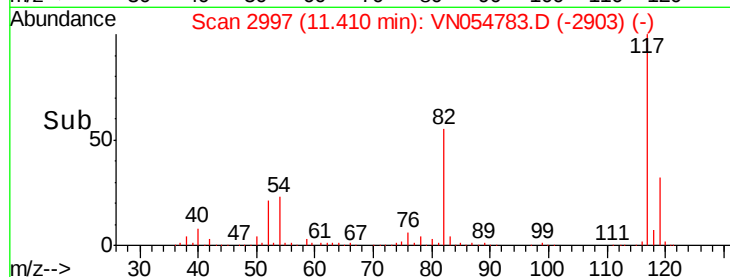
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN054783.D

Acq: 29 Mar 2019 21:04

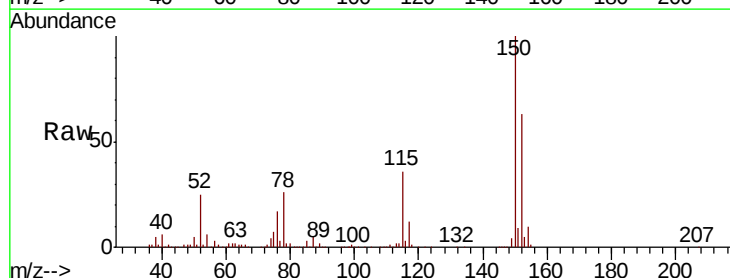
Tgt Ion:152 Resp: 278120

Ion Ratio Lower Upper

152 100

115 58.3 27.2 81.6

150 158.9 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

