

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110618\
 Data File : VN052183.D
 Acq On : 6 Nov 2018 11:14
 Operator : MD\SY
 Sample : J5805-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(36-40)

Quant Time: Nov 06 16:25:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

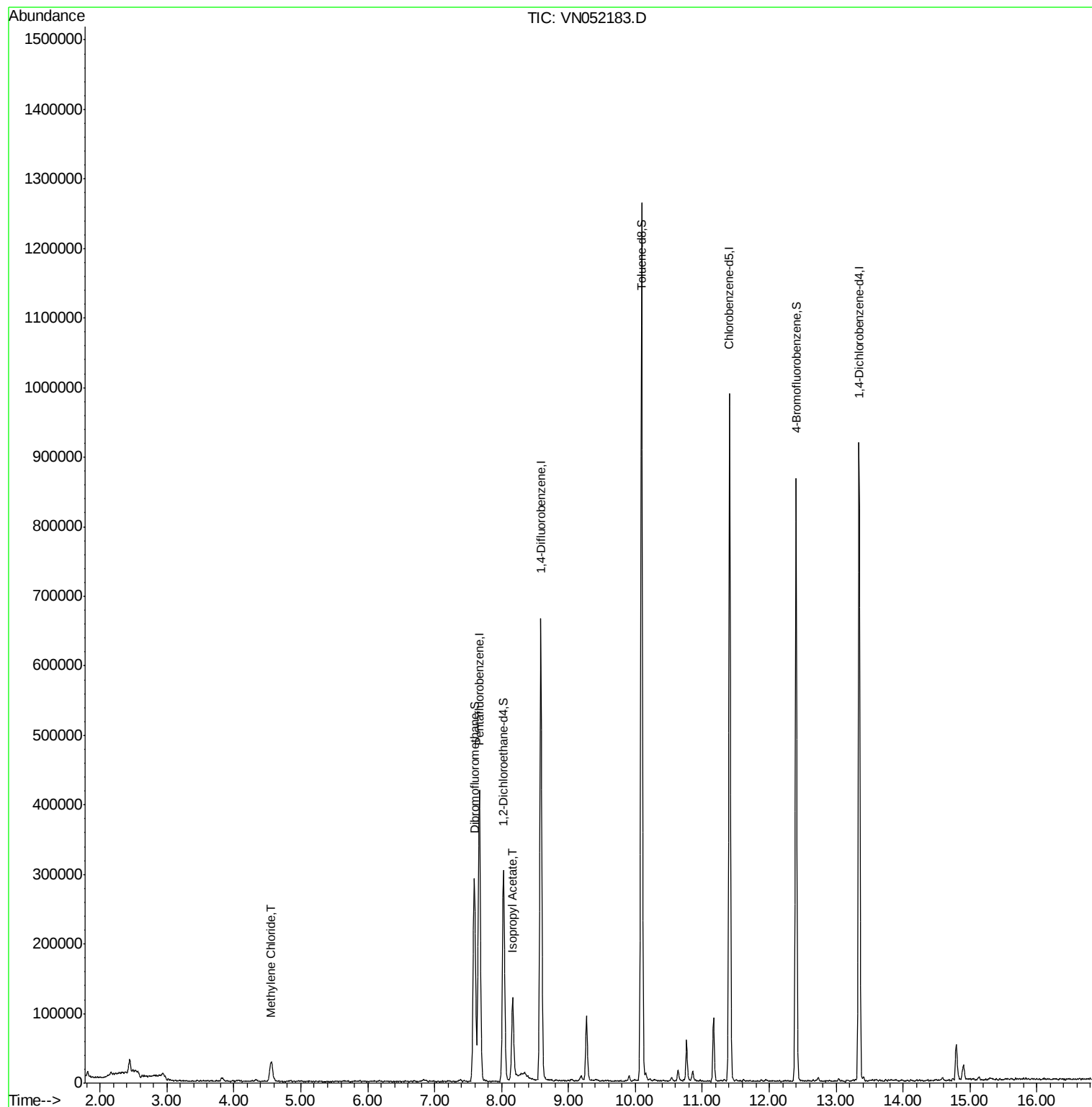
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	324398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	581627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	565466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	247686	64.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.78%	
35) Dibromofluoromethane	7.59	113	223146	61.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.58%	
50) Toluene-d8	10.09	98	862184	61.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.50%	
62) 4-Bromofluorobenzene	12.40	95	290855	63.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.92%	
Target Compounds						
20) Methylene Chloride	4.55	84	19977	5.517	ug/l	82
43) Isopropyl Acetate	8.17	43	145569	24.796	ug/l	98

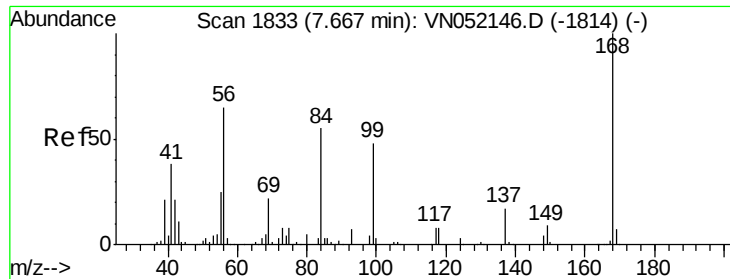
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052183.D

Acq: 6 Nov 2018 11:14

Instrument :

MSVOA_N

ClientSampleId :

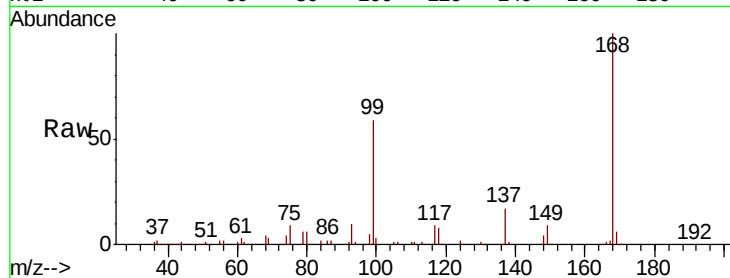
COMP-SAMPLES(36-40)

Tot Ion:168 Resp: 324398

Ion Ratio Lower Upper

168 100

99 58.7 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

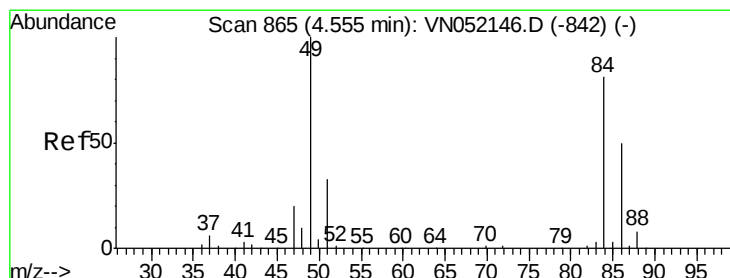
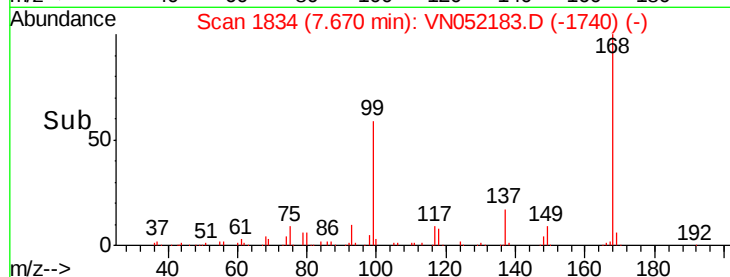
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.517 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN052183.D

Acq: 6 Nov 2018 11:14

Tgt Ion: 84 Resp: 19977

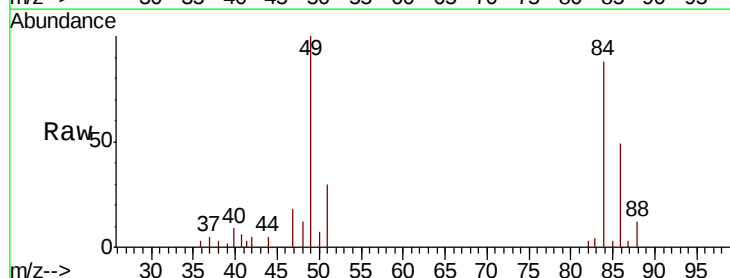
Ion Ratio Lower Upper

84 100

49 111.0 110.6 165.8

51 33.9 33.7 50.5

86 55.2 50.5 75.7



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

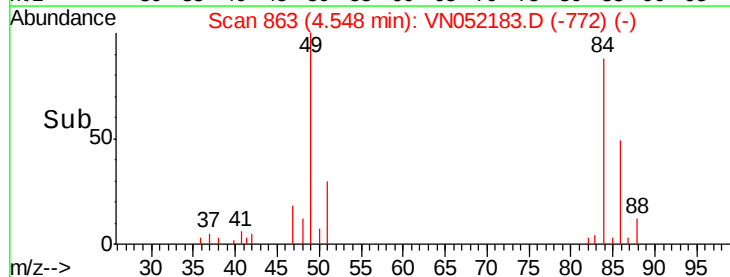
4.55

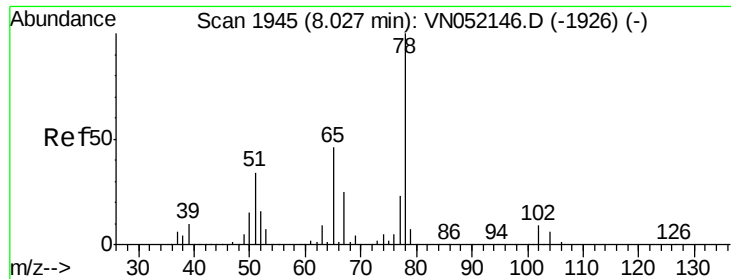
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052183.D

Acq: 6 Nov 2018 11:14

Instrument :

MSVOA_N

ClientSampleId :

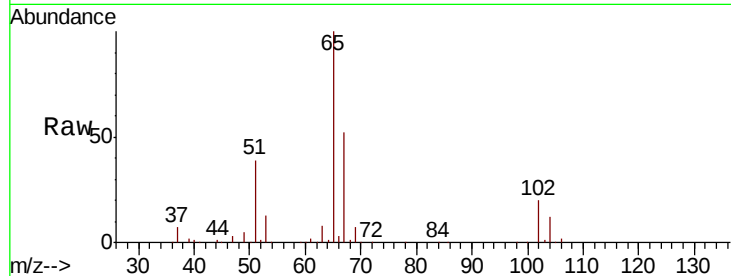
COMP-SAMPLES(36-40)

Tot Ion: 65 Resp: 247686

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052146.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052146.D (-1926) (-)

8.03

120000

100000

80000

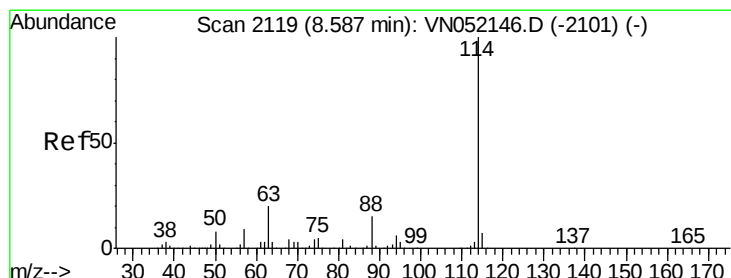
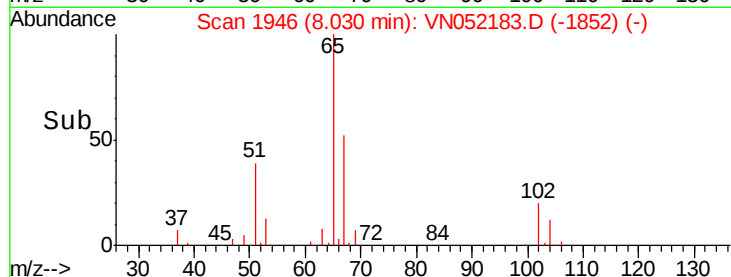
60000

40000

20000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052183.D

Acq: 6 Nov 2018 11:14

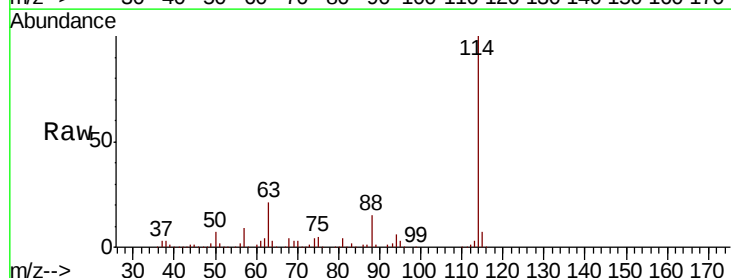
Tgt Ion: 114 Resp: 581627

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.0

88 15.4 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): VN052146.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN052146.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN052146.D (-2101) (-)

8.59

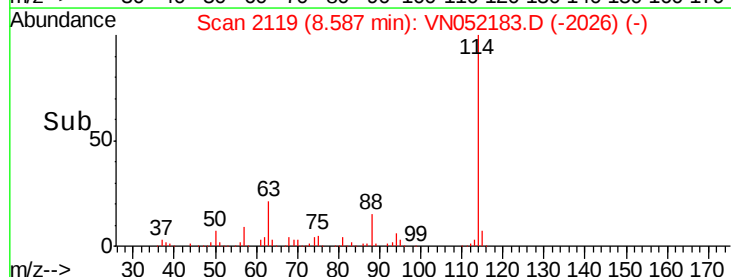
300000

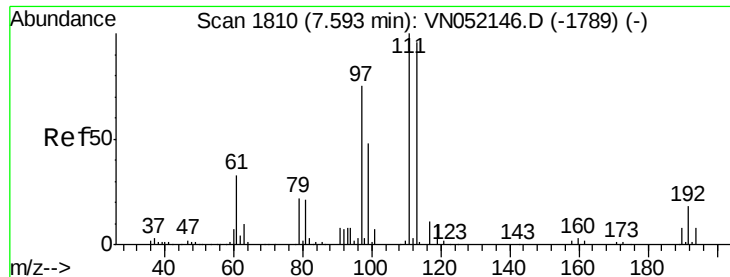
200000

100000

0

Time--> 8.50 8.55 8.60 8.65

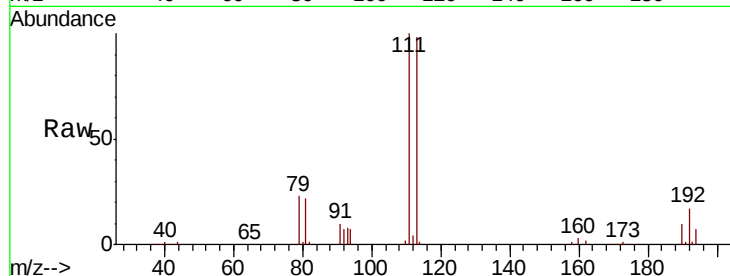




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052183.D
 Acq: 6 Nov 2018 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(36-40)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.1	124.7
192	17.4	12.7	19.1

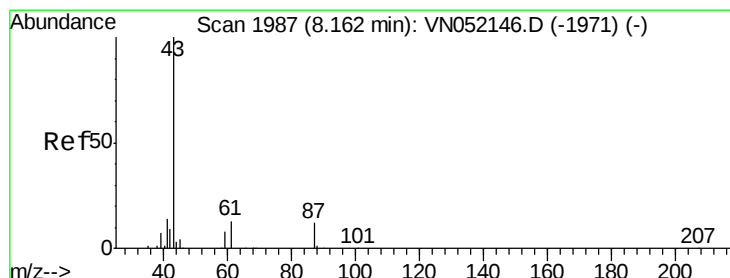
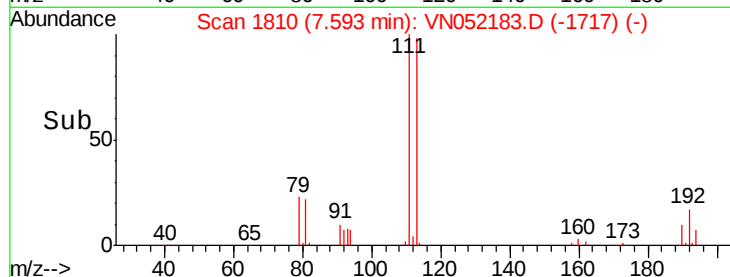
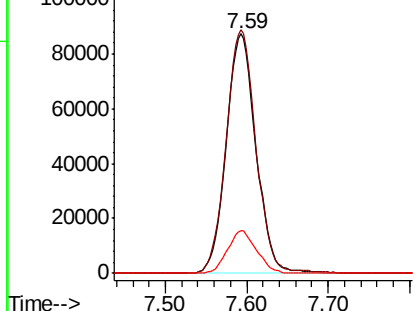


Abundance

Ion 112.80 (112.50 to 113.50): V

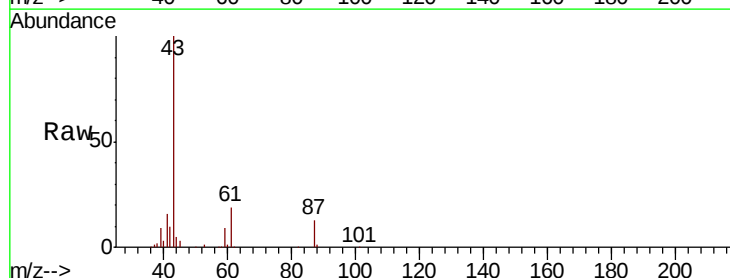
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43
 Isopropyl Acetate
 Concen: 24.796 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052183.D
 Acq: 6 Nov 2018 11:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.4	23.0
87	13.1	9.8	14.8

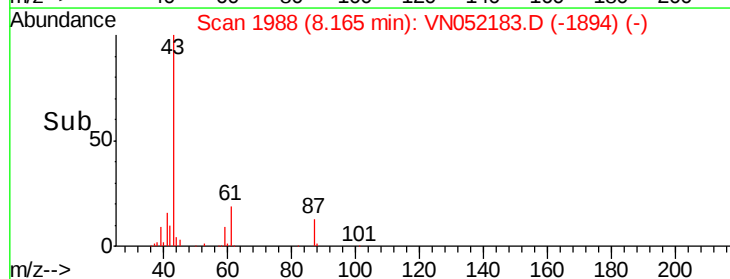
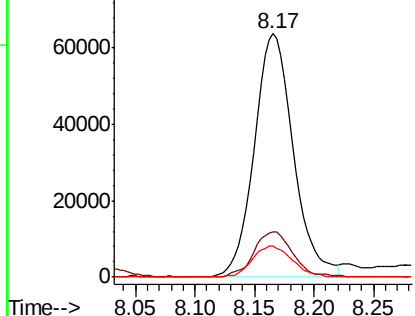


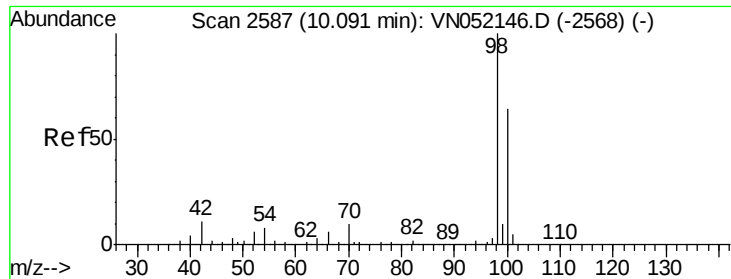
Abundance

Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052183.D

Acq: 6 Nov 2018 11:14

Instrument :

MSVOA_N

ClientSampleId :

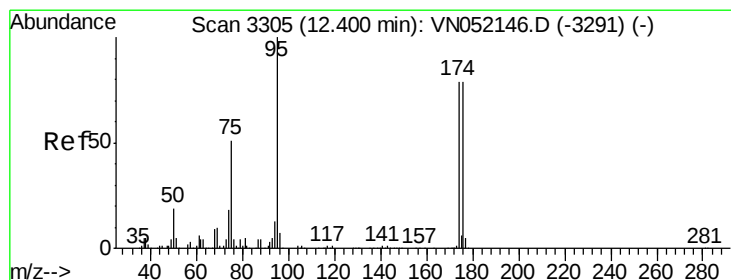
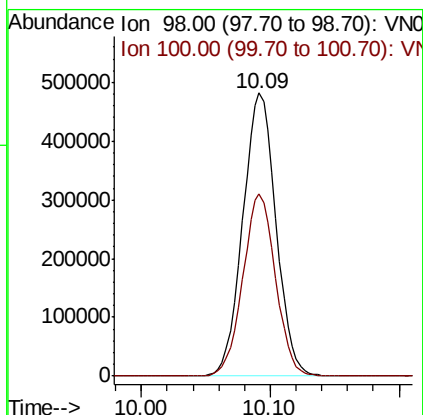
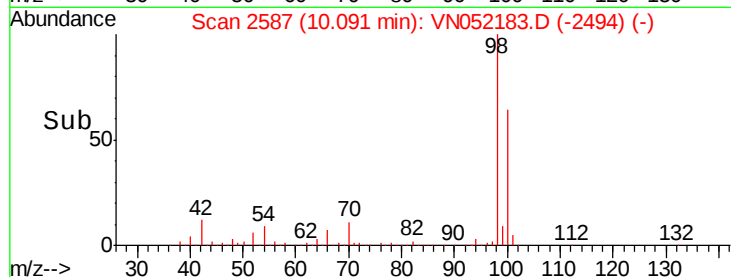
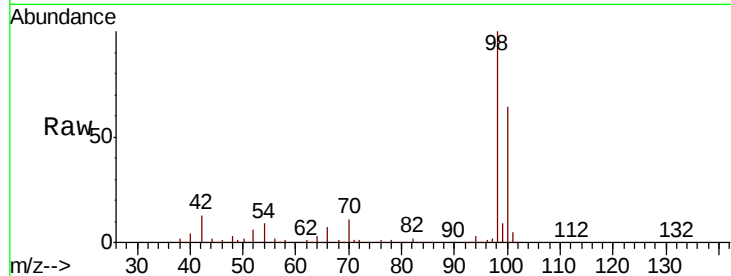
COMP-SAMPLES(36-40)

Tot Ion: 98 Resp: 862184

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052183.D

Acq: 6 Nov 2018 11:14

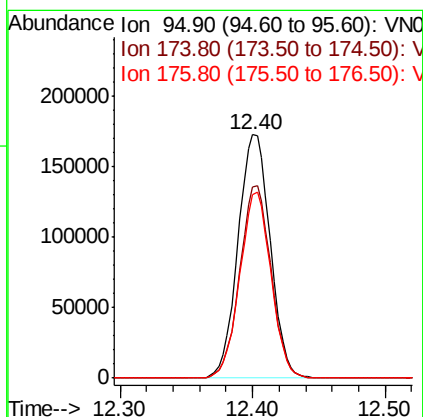
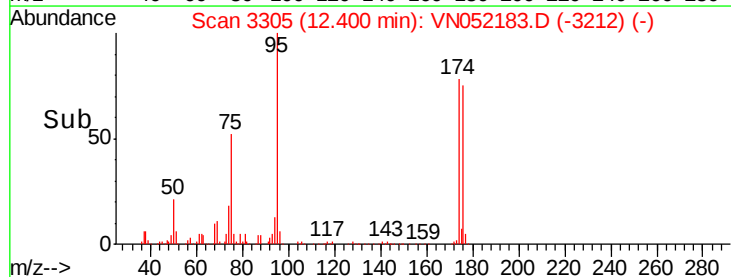
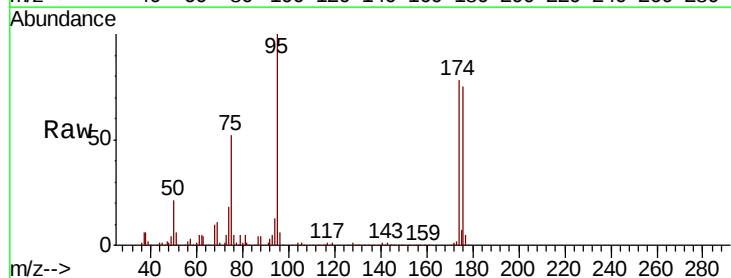
Tgt Ion: 95 Resp: 290855

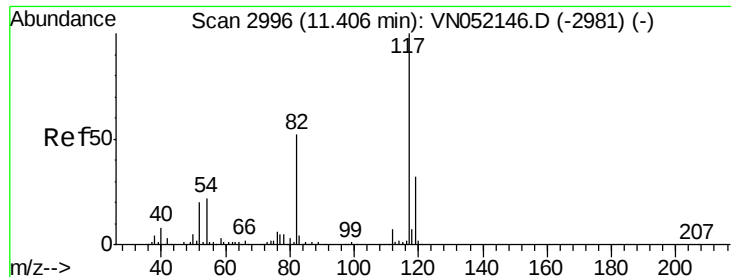
Ion Ratio Lower Upper

95 100

174 76.9 0.0 131.8

176 74.1 0.0 126.0

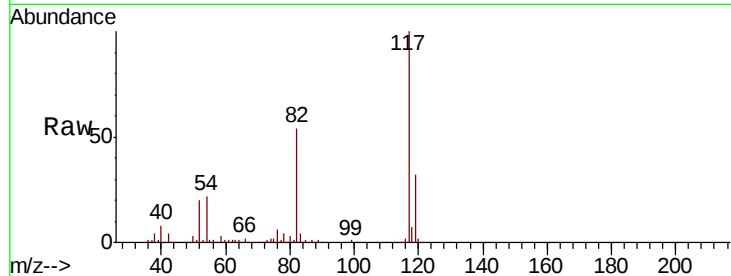




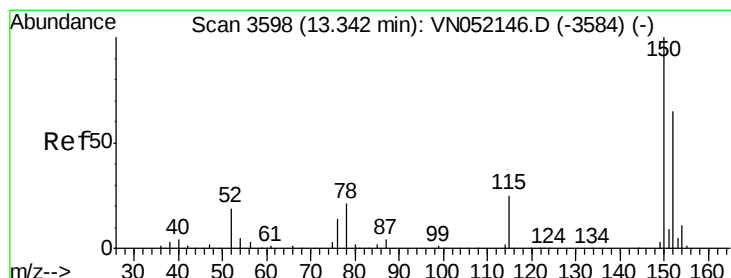
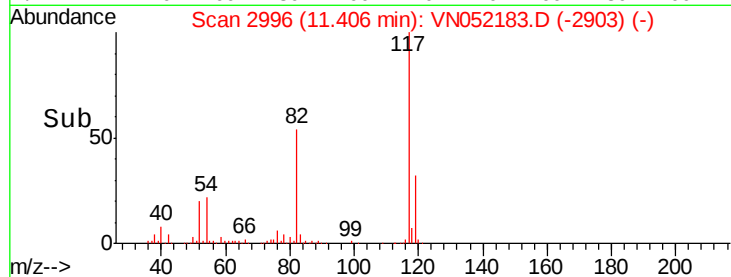
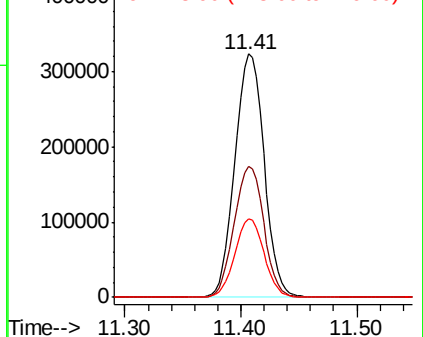
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052183.D
Acq: 6 Nov 2018 11:14

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(36-40)

Tot Ion:117 Resp: 565466
Ion Ratio Lower Upper
117 100
82 53.6 49.9 74.9
119 32.4 25.7 38.5

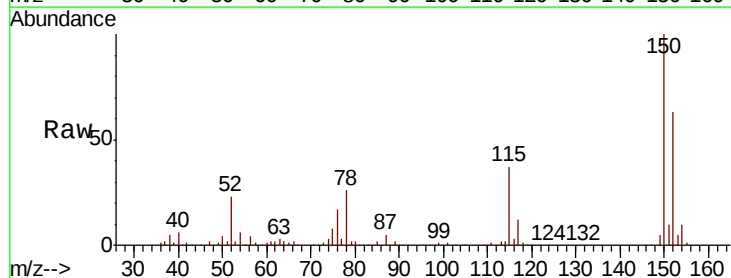


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052183.D
Acq: 6 Nov 2018 11:14

Tgt Ion:152 Resp: 237928
Ion Ratio Lower Upper
152 100
115 59.6 31.6 95.0
150 156.1 0.0 345.0



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

