

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051670.D
 Acq On : 4 Oct 2018 17:54
 Operator : MD\SY
 Sample : PB113487ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113487ZHE#02

Quant Time: Oct 05 07:07:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

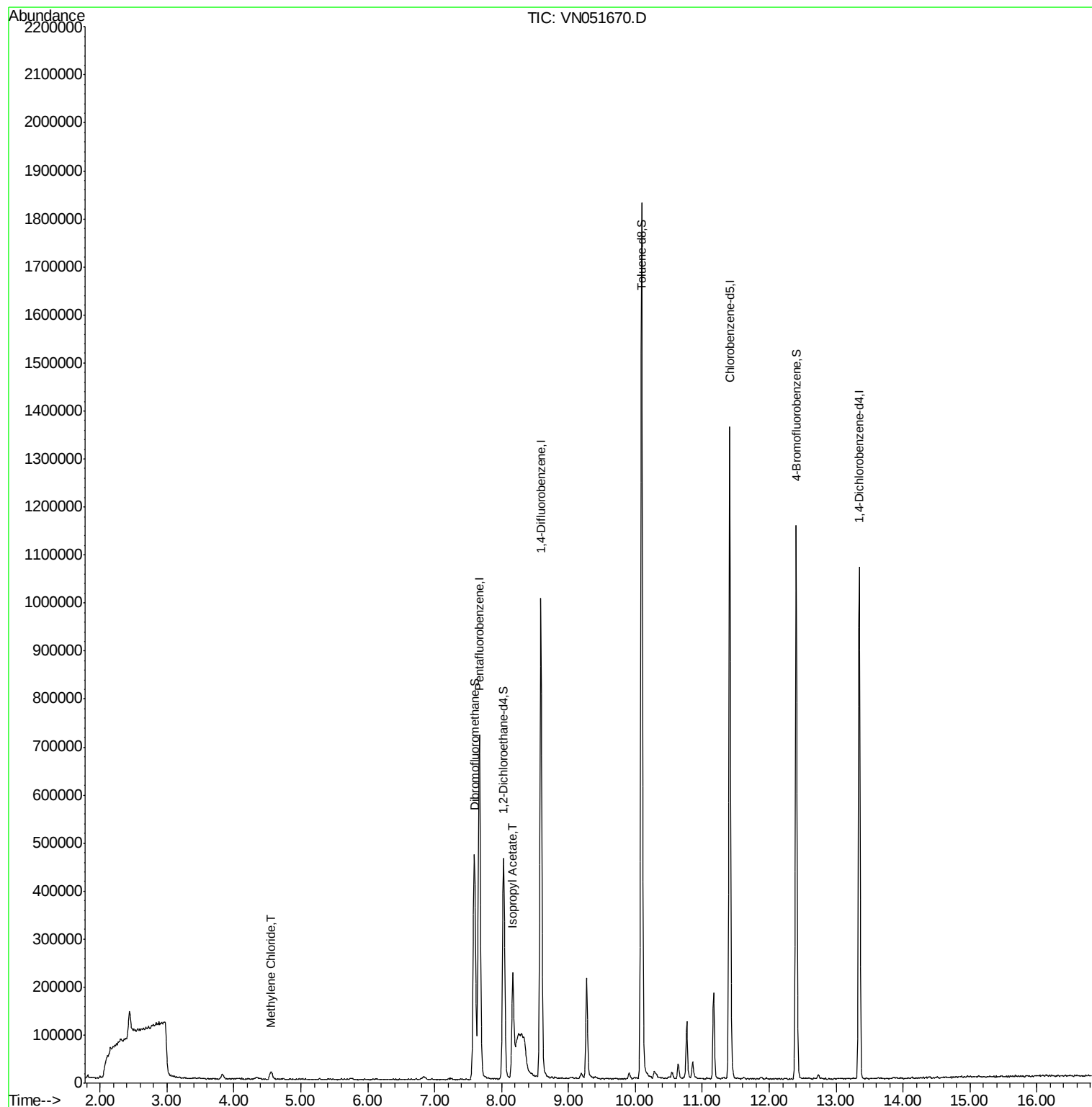
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	922778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	298246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	392781	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
35) Dibromofluoromethane	7.59	113	347597	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	10.09	98	1309436	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.40	95	367708	39.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.06%	
Target Compounds						
20) Methylene Chloride	4.54	84	12147	1.775	ug/l	87
43) Isopropyl Acetate	8.17	43	274923	26.213	ug/l	96

(#) = 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: VN051670.D

Acq: 4 Oct 2018 17:54

Instrument :

MSVOA_N

ClientSampleId :

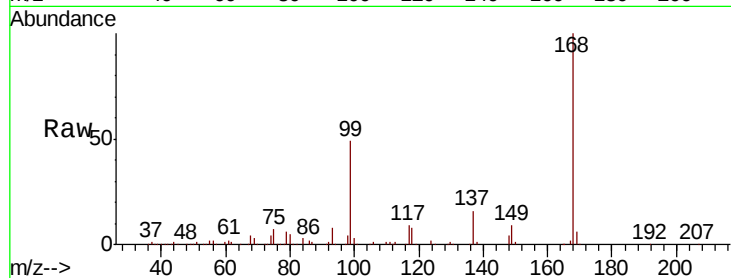
PB113487ZHE#02

Tot Ion:168 Resp: 629539

Ion Ratio Lower Upper

168 100

99 49.0 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

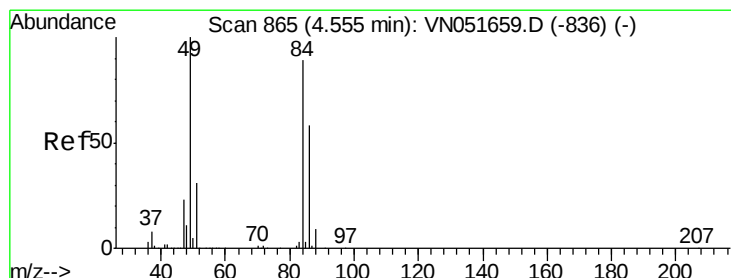
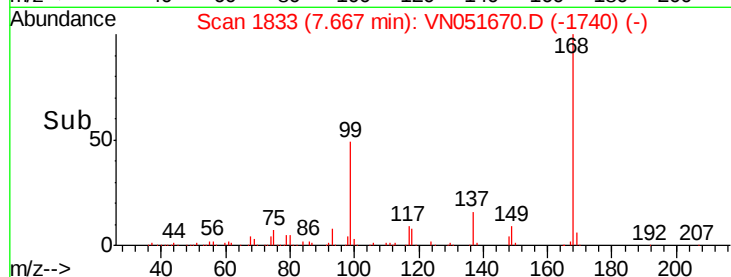
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.775 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.01 min

Lab File: VN051670.D

Acq: 4 Oct 2018 17:54

Tgt Ion: 84 Resp: 12147

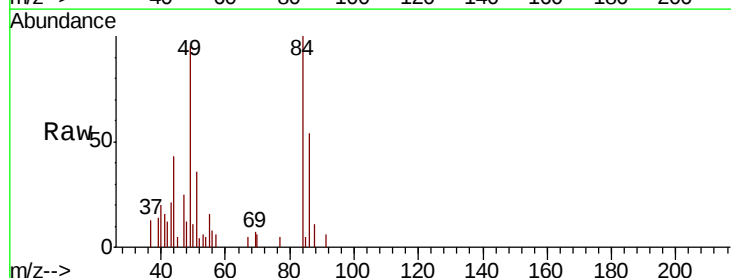
Ion Ratio Lower Upper

84 100

49 94.8 89.5 134.3

51 35.9 27.4 41.0

86 53.9 51.9 77.9



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

4.54

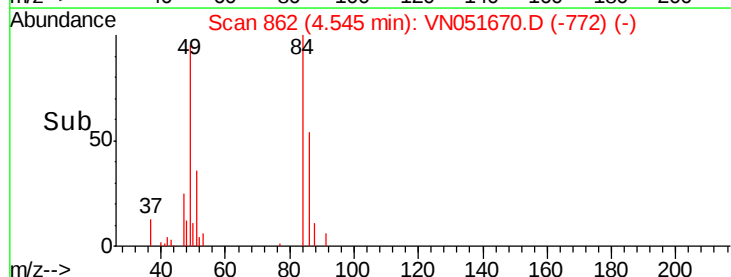
6000

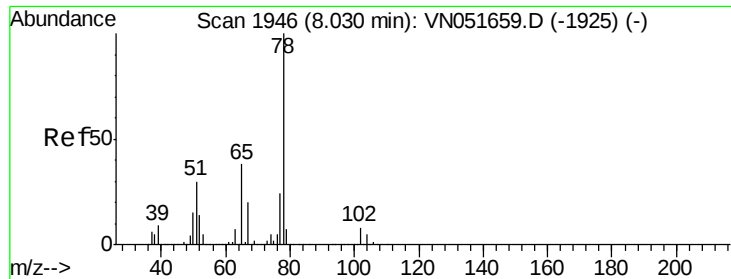
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2000

0

Time-->

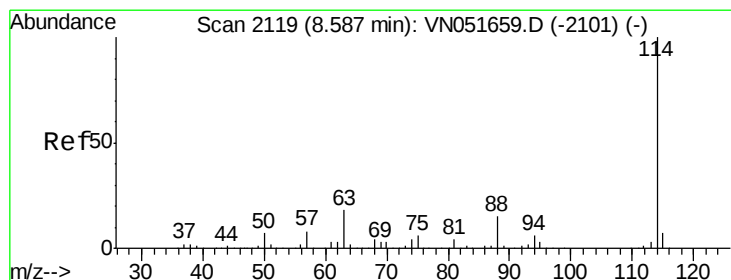
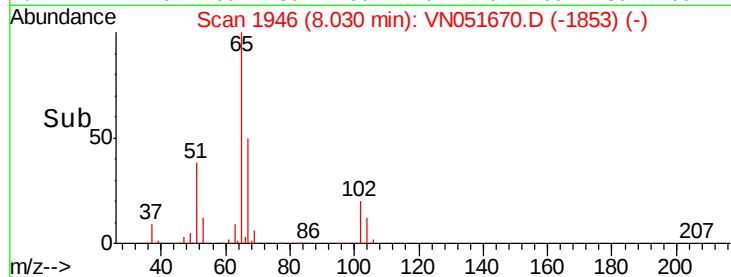
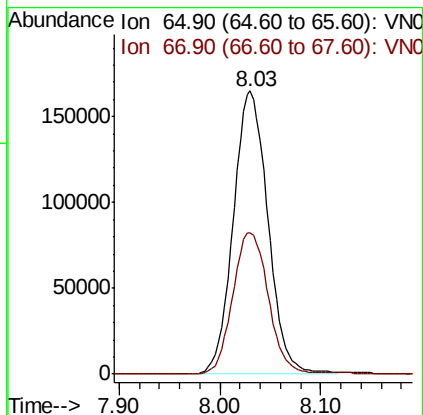
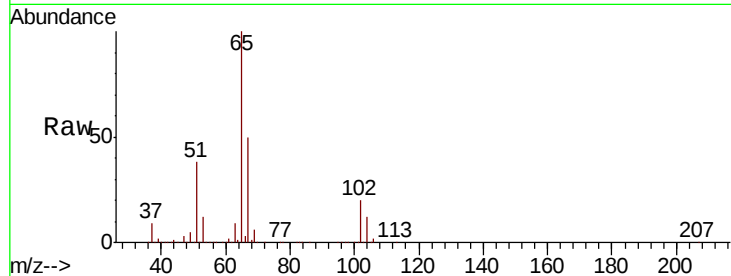




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051670.D
 Acq: 4 Oct 2018 17:54

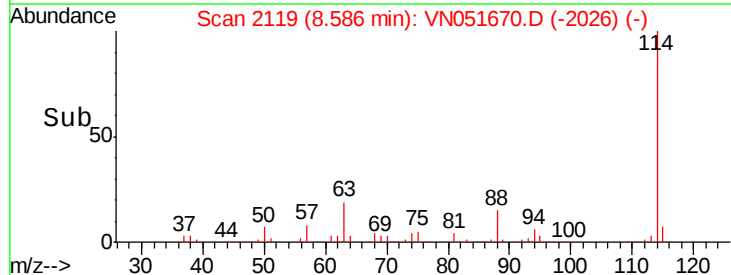
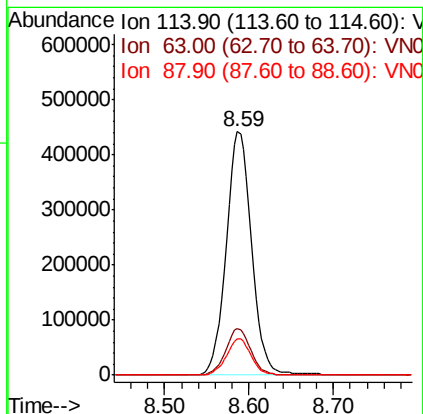
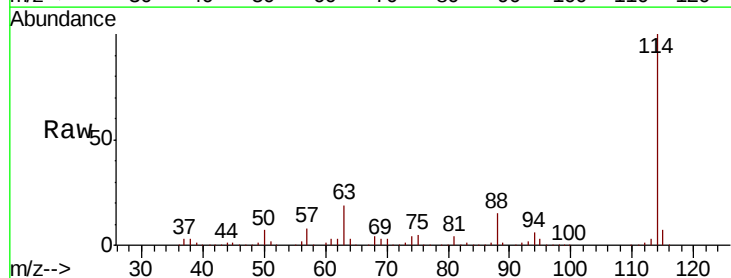
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113487ZHE#02

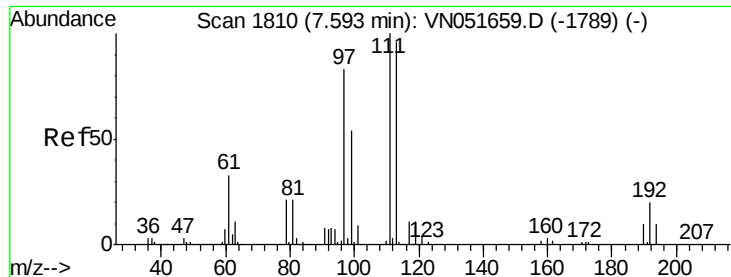
Tot Ion: 65 Resp: 392781
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051670.D
 Acq: 4 Oct 2018 17:54

Tgt Ion: 114 Resp: 922778
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.2
 88 14.8 0.0 30.2

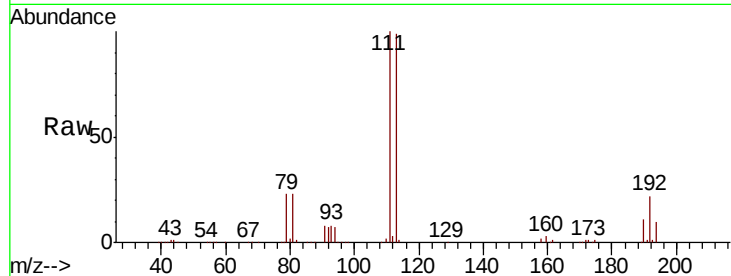




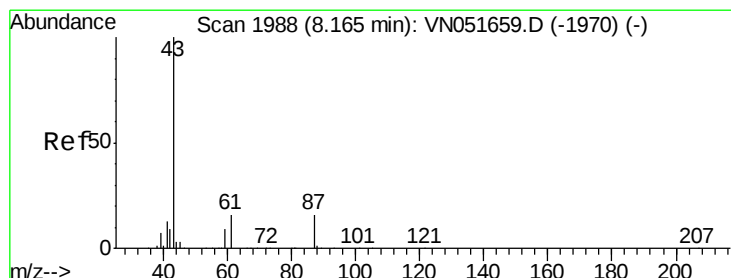
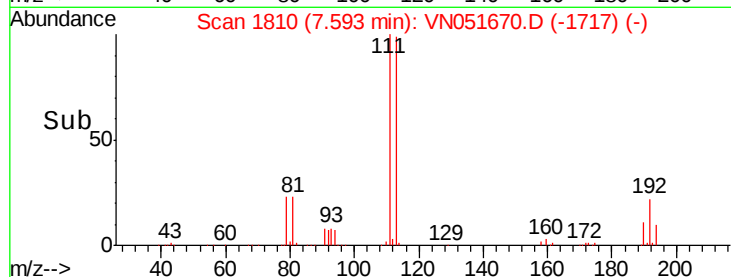
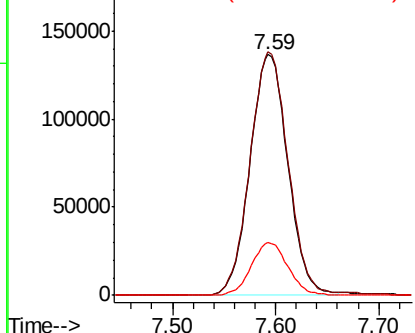
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :
PB113487ZHE#02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	21.3	16.5	24.7

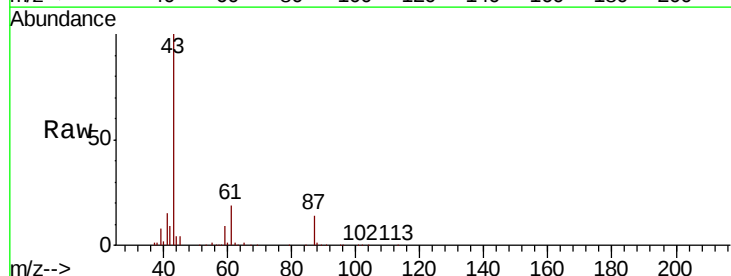


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

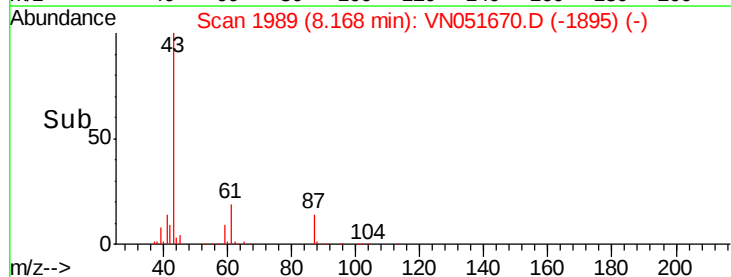
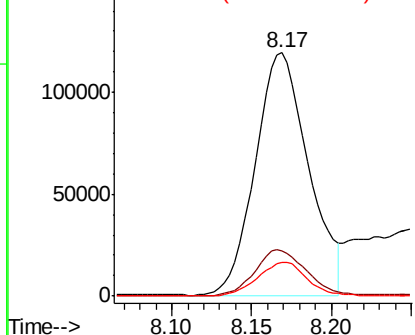


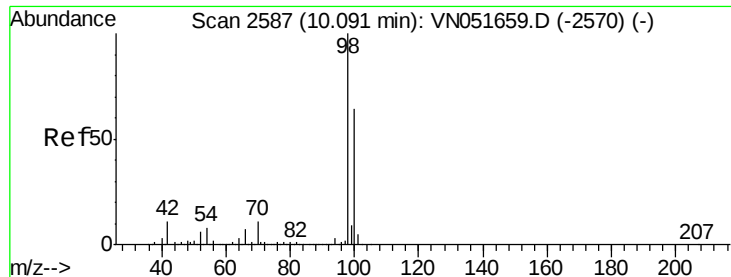
#43
Isopropyl Acetate
Concen: 26.213 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.8	23.6
87	13.0	12.6	19.0



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: VN051670.D

Acq: 4 Oct 2018 17:54

Instrument :

MSVOA_N

ClientSampleId :

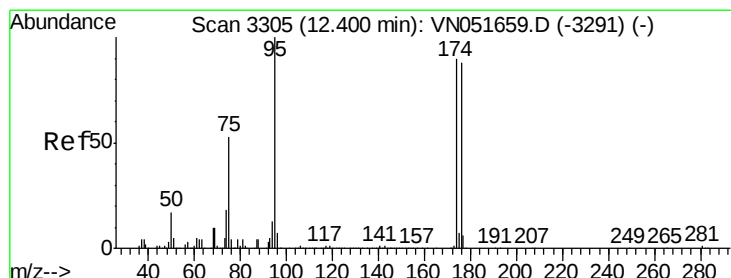
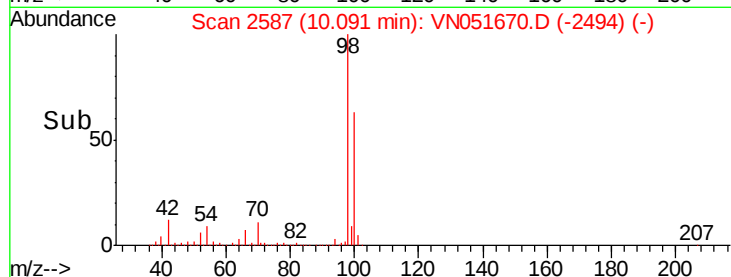
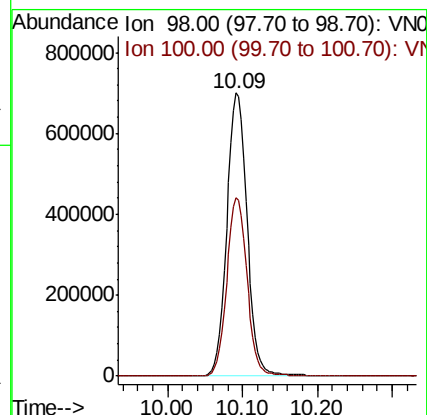
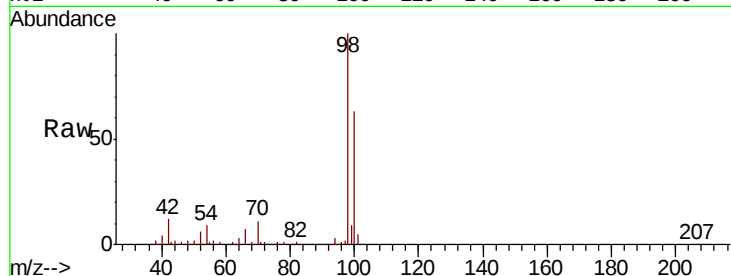
PB113487ZHE#02

Tot Ion: 98 Resp: 1309436

Ion Ratio Lower Upper

98 100

100 63.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051670.D

Acq: 4 Oct 2018 17:54

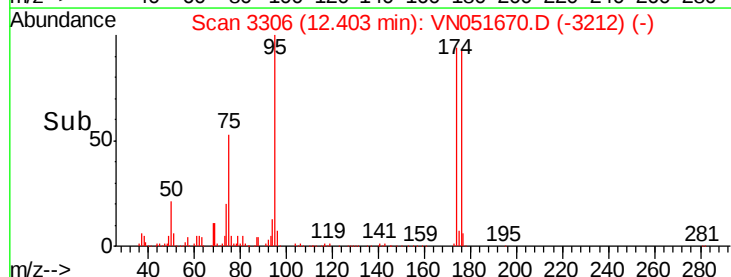
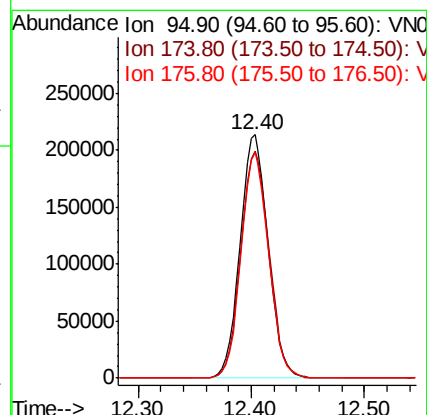
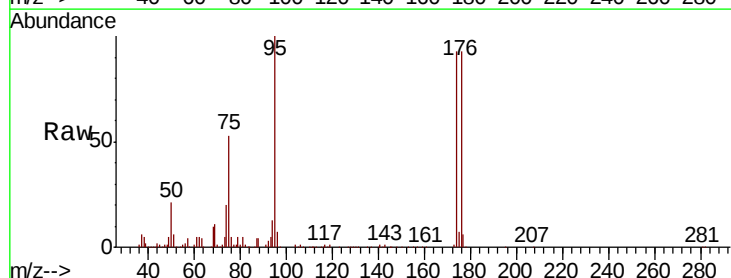
Tgt Ion: 95 Resp: 367708

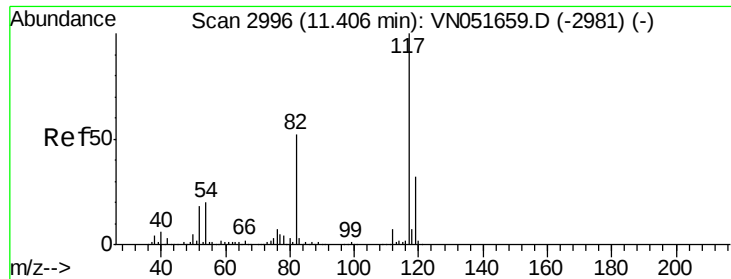
Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.8

176 91.3 0.0 176.4

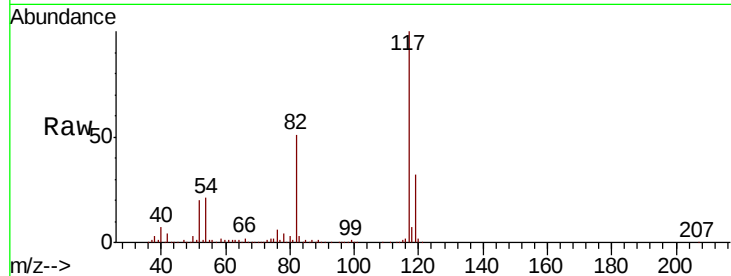




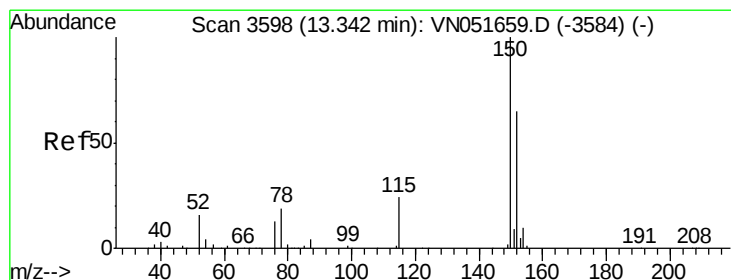
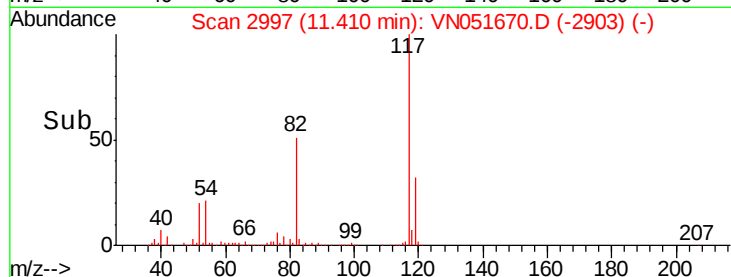
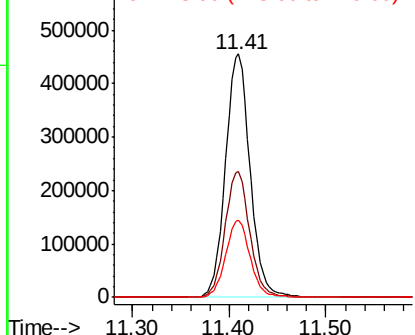
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Instrument :
MSVOA_N
ClientSampleId :
PB113487ZHE#02

Tot Ion:117 Resp: 803228
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 31.8 25.9 38.9

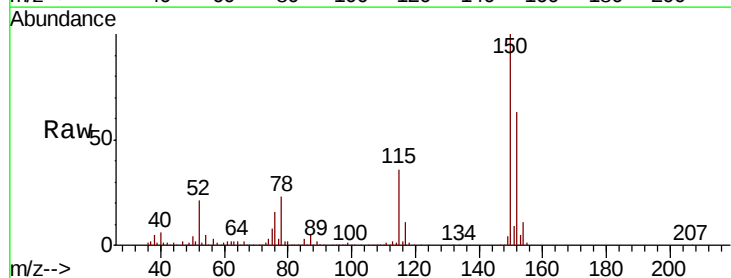


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051670.D
Acq: 4 Oct 2018 17:54

Tgt Ion:152 Resp: 298246
Ion Ratio Lower Upper
152 100
115 56.4 28.6 85.8
150 158.1 0.0 352.4



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

