

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053012.D
 Acq On : 19 Dec 2018 15:43
 Operator : MD\SY
 Sample : PB115821ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115821ZHE#02

Quant Time: Dec 20 06:32:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

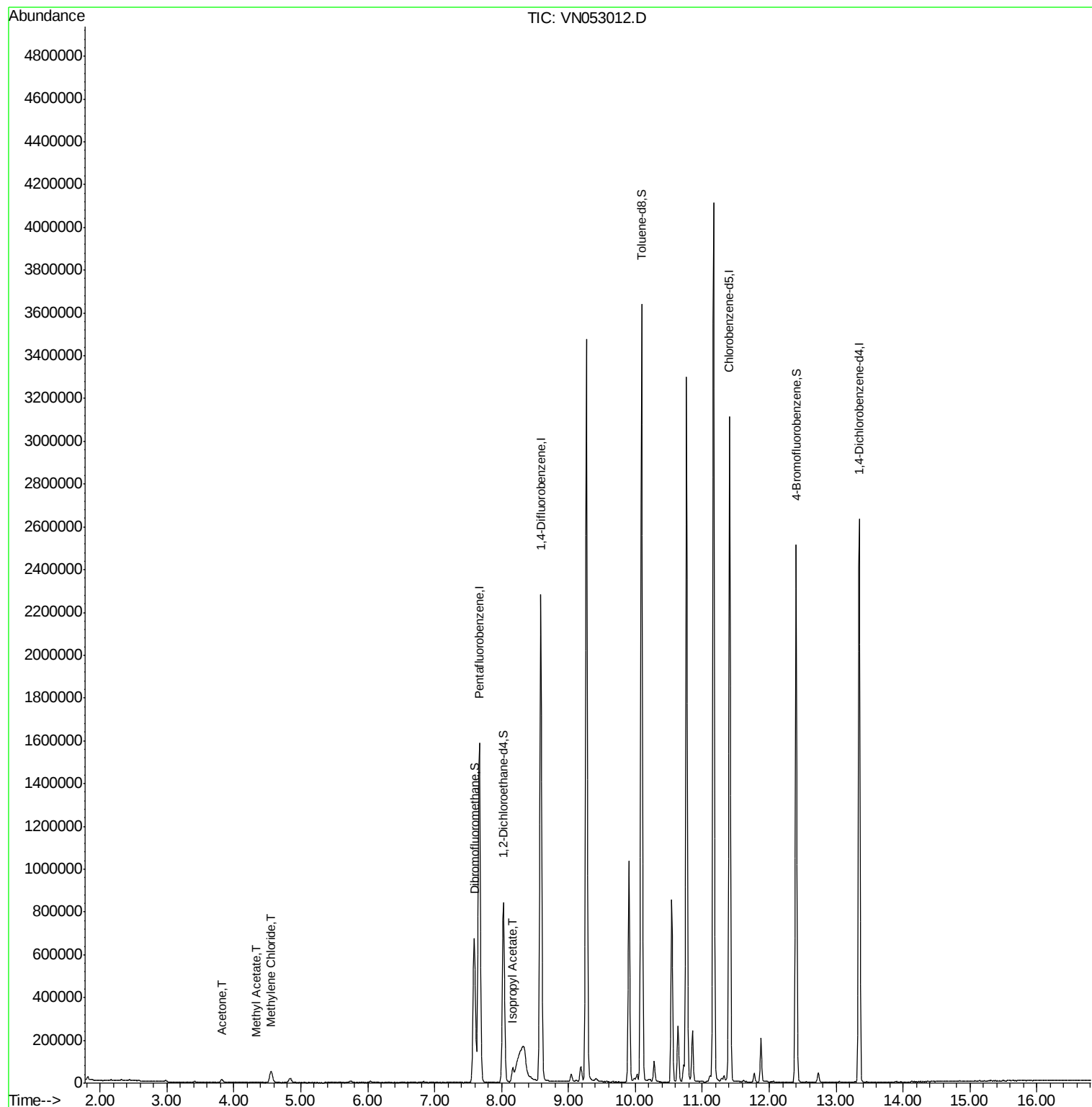
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1398830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2137547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1913655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	765509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	695126	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
35) Dibromofluoromethane	7.59	113	519390	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
50) Toluene-d8	10.09	98	2612934	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	861858	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
Target Compounds						
16) Acetone	3.82	43	27043	9.716	ug/l	100
18) Methyl Acetate	4.33	43	7534	1.577	ug/l #	87
20) Methylene Chloride	4.55	84	40732	2.683	ug/l	93
43) Isopropyl Acetate	8.17	43	80063	2.623	ug/l #	84

(#) = 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: VN053012.D

Acq: 19 Dec 2018 15:43

Instrument :

MSVOA_N

ClientSampleId :

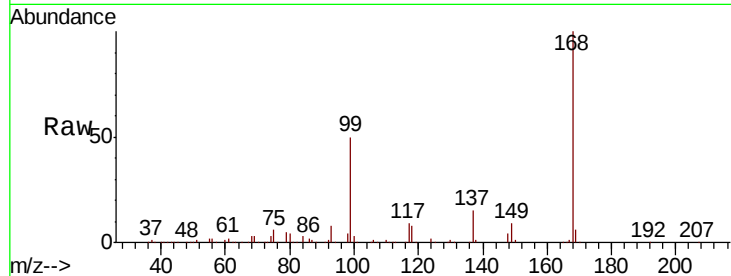
PB115821ZHE#02

Tot Ion:168 Resp: 1398830

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053012.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053012.D (-1740) (-)

7.67

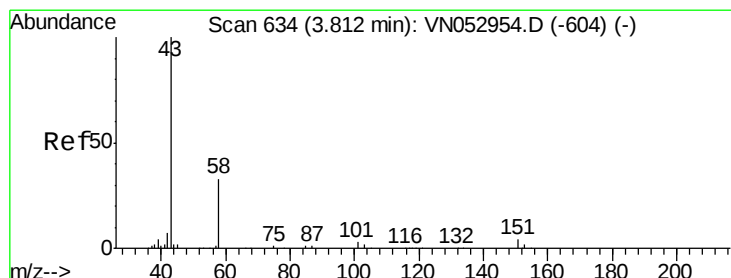
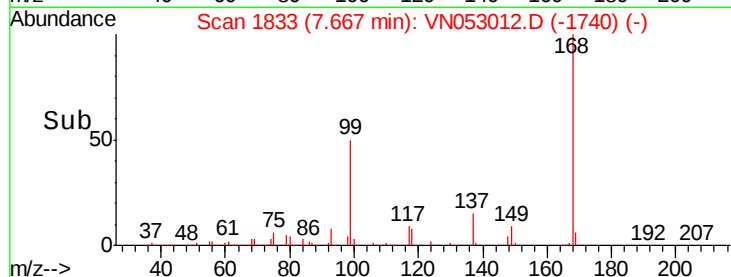
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 9.716 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053012.D

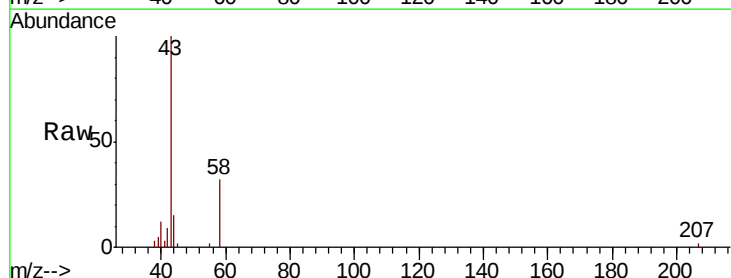
Acq: 19 Dec 2018 15:43

Tgt Ion: 43 Resp: 27043

Ion Ratio Lower Upper

43 100

58 31.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053012.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053012.D (-541) (-)

3.82

10000

8000

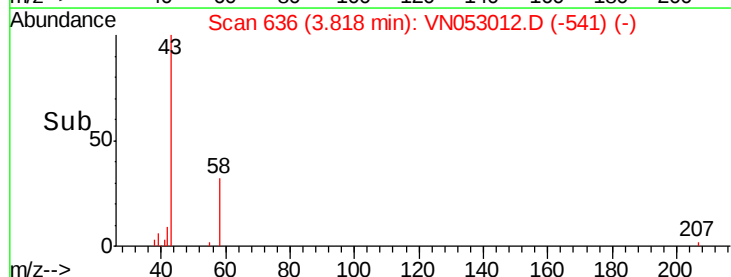
6000

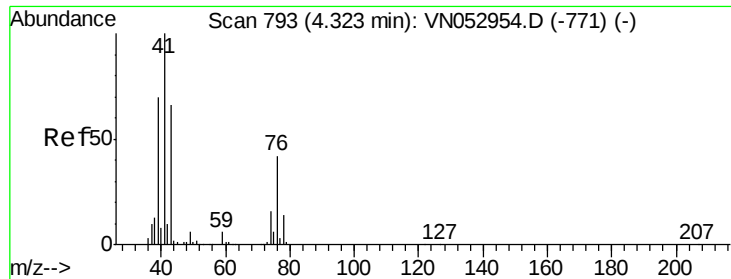
4000

2000

0

Time-->

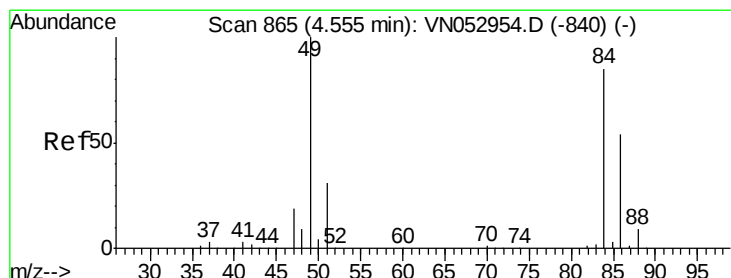
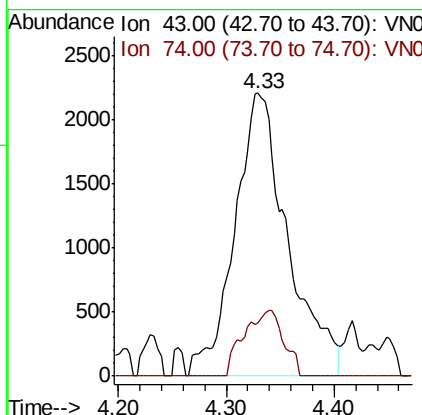
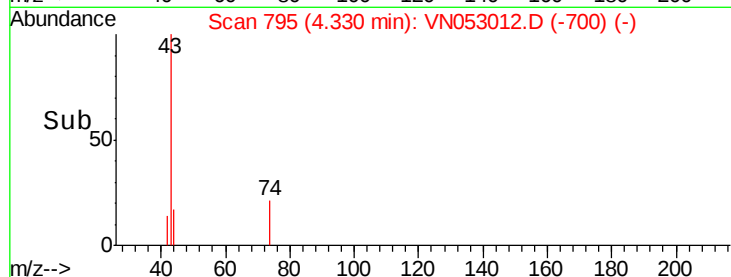
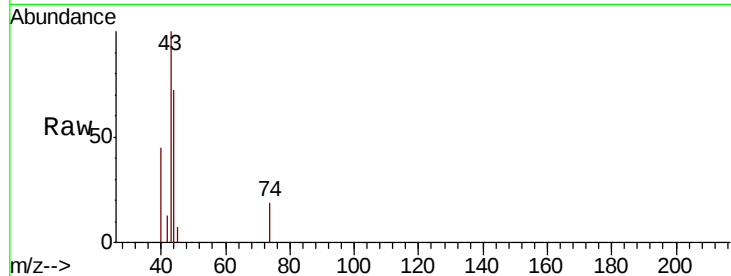




#18
Methyl Acetate
Concen: 1.577 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053012.D
Acq: 19 Dec 2018 15:43

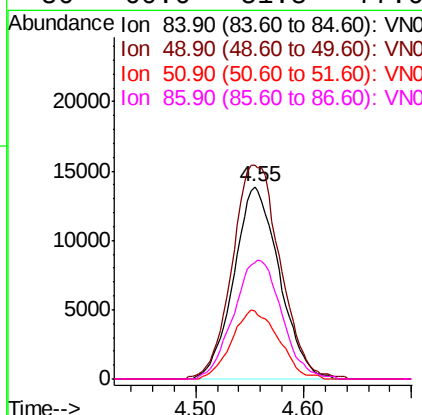
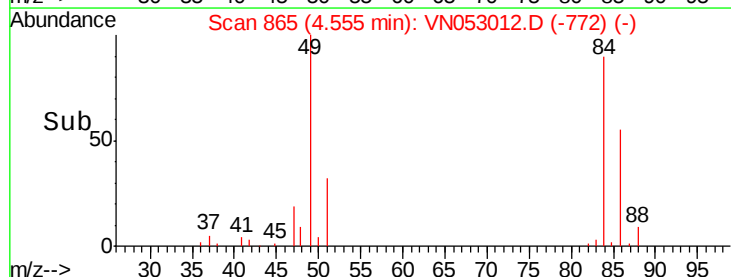
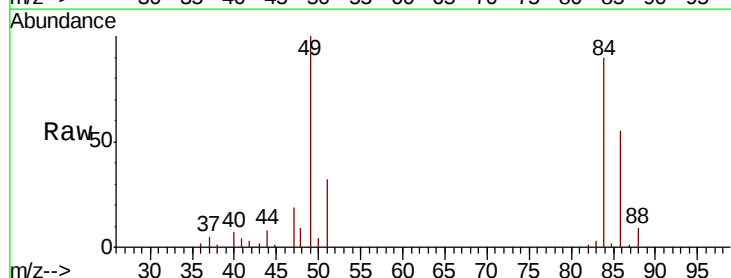
Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#02

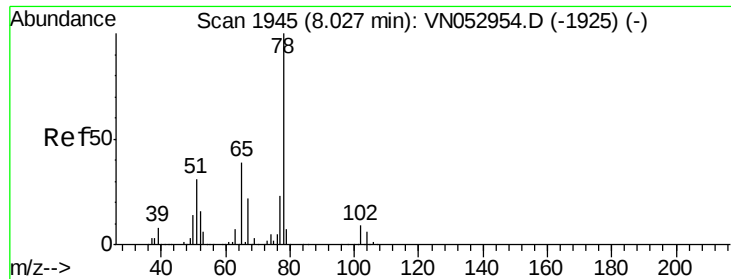
Tot Ion: 43 Resp: 7534
Ion Ratio Lower Upper
43 100
74 17.4 19.2 28.8#



#20
Methylene Chloride
Concen: 2.683 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053012.D
Acq: 19 Dec 2018 15:43

Tgt Ion: 84 Resp: 40732
Ion Ratio Lower Upper
84 100
49 110.0 96.8 145.2
51 35.6 29.9 44.9
86 60.6 51.8 77.6

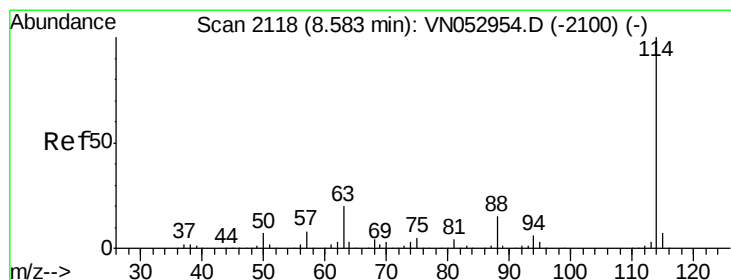
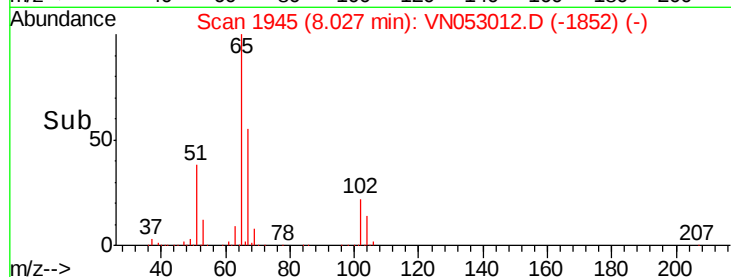
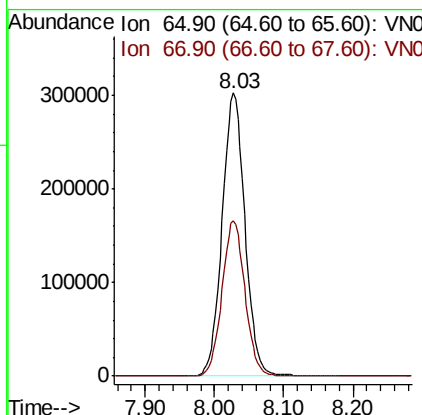
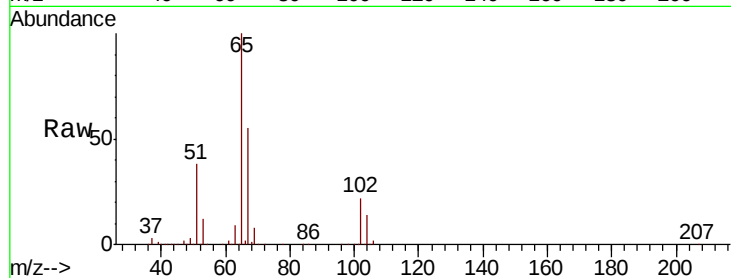




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053012.D
 Acq: 19 Dec 2018 15:43

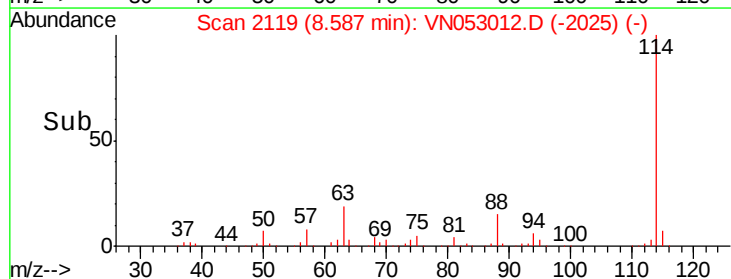
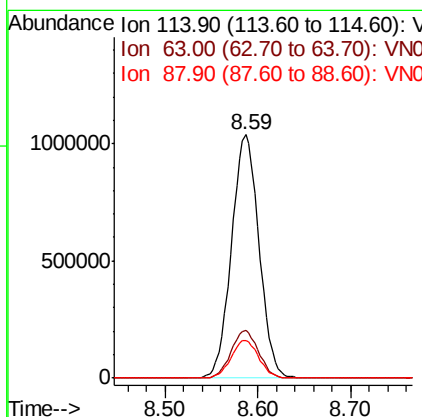
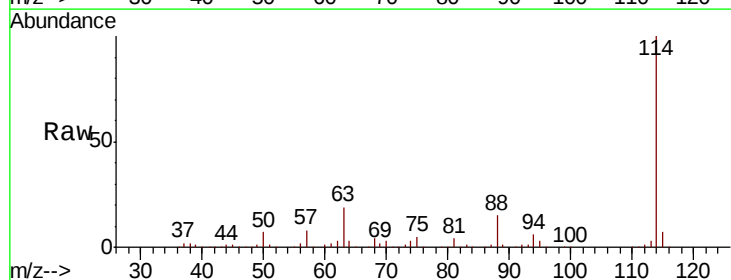
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115821ZHE#02

Tot Ion: 65 Resp: 695126
 Ion Ratio Lower Upper
 65 100
 67 55.2 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: VN053012.D
 Acq: 19 Dec 2018 15:43

Tgt Ion: 114 Resp: 2137547
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.5 0.0 31.0

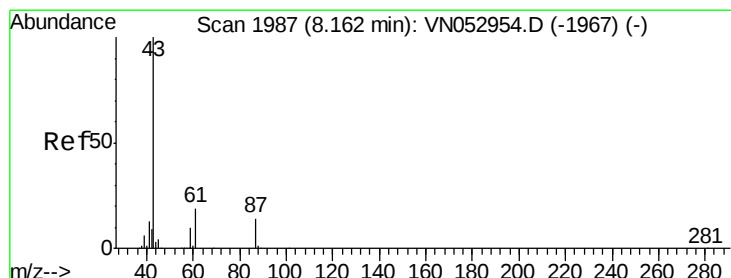
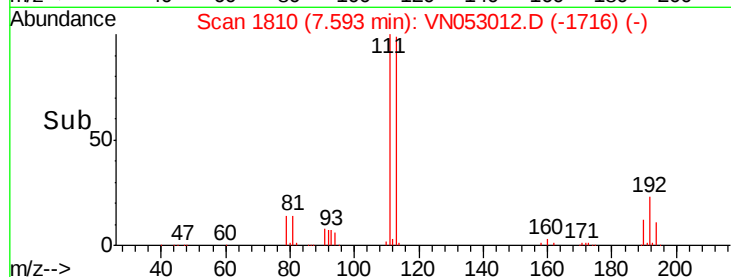
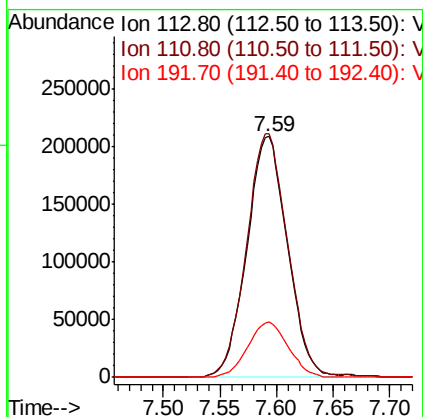
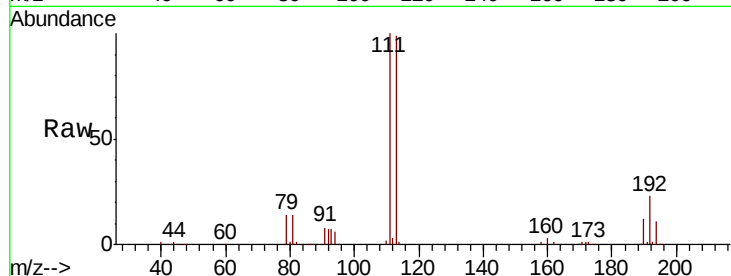




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053012.D
 Acq: 19 Dec 2018 15:43

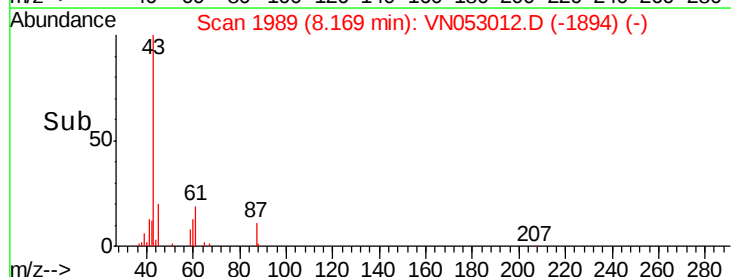
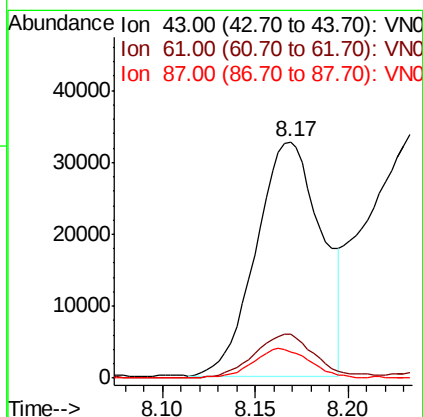
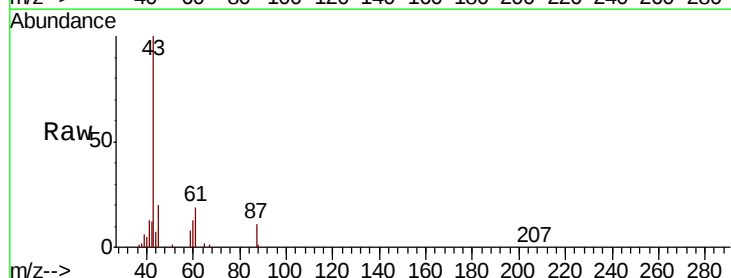
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115821ZHE#02

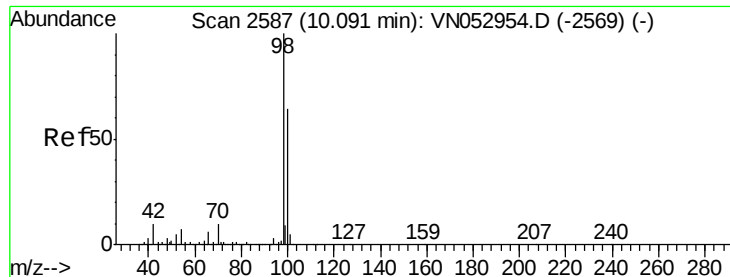
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	23.0	17.5	26.3



#43
 Isopropyl Acetate
 Concen: 2.623 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053012.D
 Acq: 19 Dec 2018 15:43

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.6	22.9	34.3#
87	10.9	10.6	15.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053012.D

Acq: 19 Dec 2018 15:43

Instrument :

MSVOA_N

ClientSampleId :

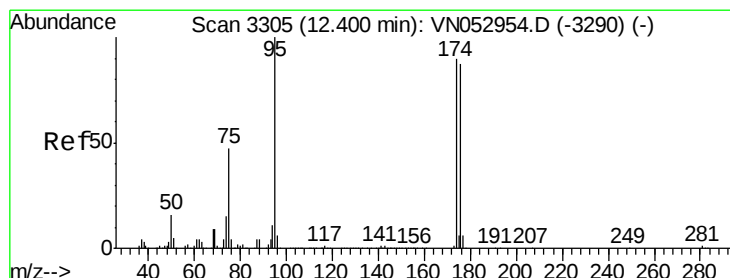
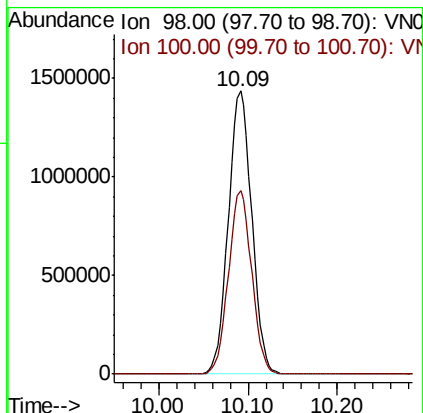
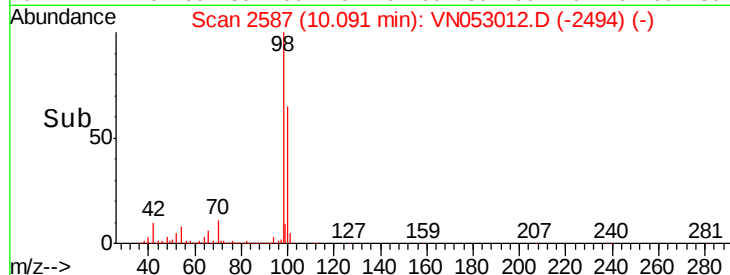
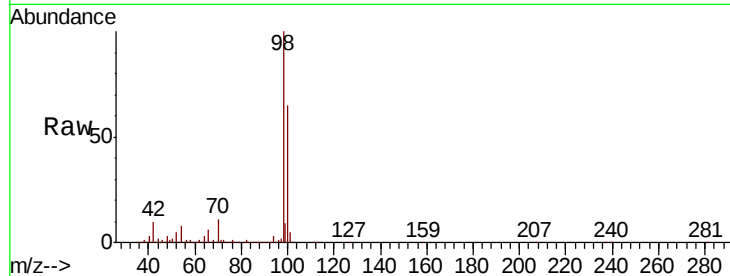
PB115821ZHE#02

Tot Ion: 98 Resp: 2612934

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053012.D

Acq: 19 Dec 2018 15:43

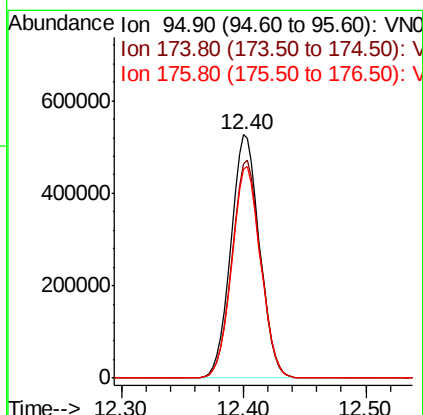
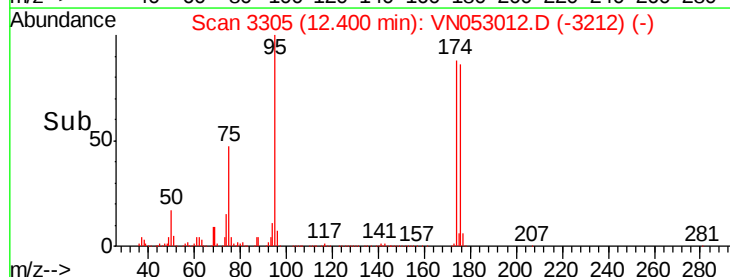
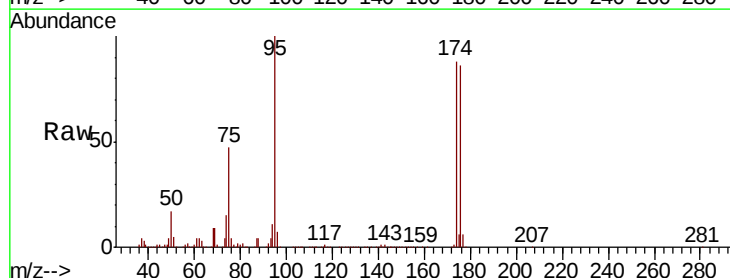
Tgt Ion: 95 Resp: 861858

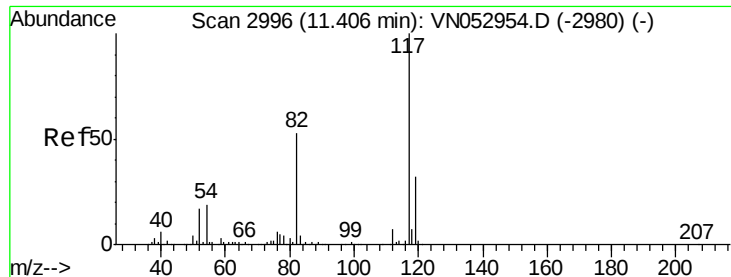
Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.8

176 87.0 0.0 173.8

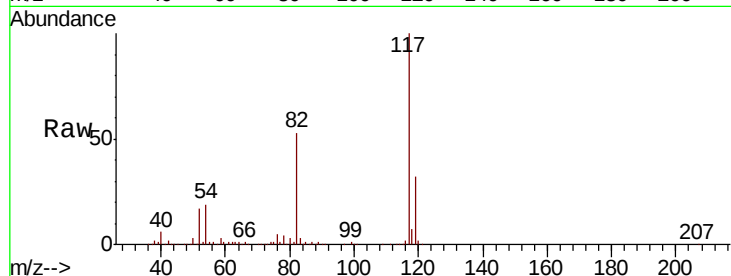




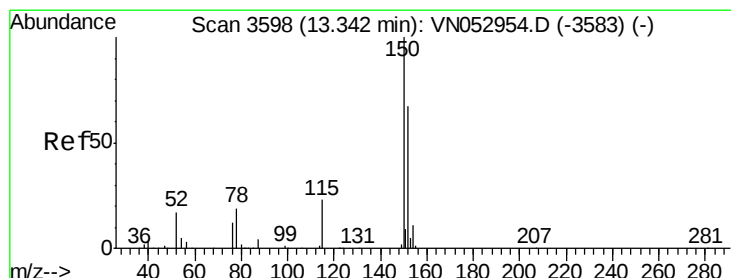
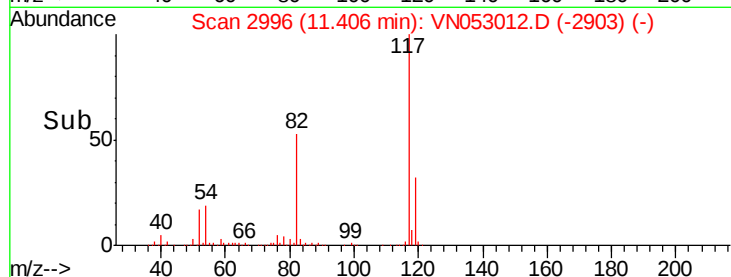
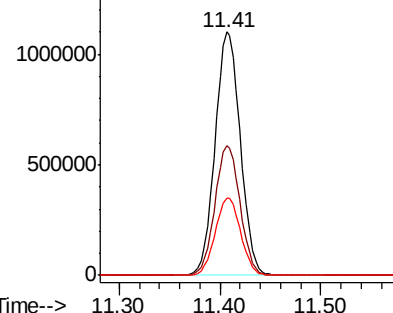
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053012.D
Acq: 19 Dec 2018 15:43

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#02

Tot Ion:117 Resp: 1913655
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 31.9 25.5 38.3

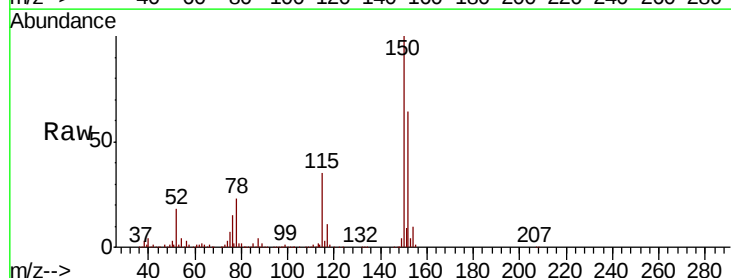


Abundance Ion 116.90 (116.60 to 117.60): V
1500000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053012.D
Acq: 19 Dec 2018 15:43

Tgt Ion:152 Resp: 765509
Ion Ratio Lower Upper
152 100
115 55.5 28.3 85.0
150 156.6 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
1000000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

