

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052987.D
 Acq On : 19 Dec 2018 3:45
 Operator : MD\SY
 Sample : PB115784ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115784ZHE#02

Quant Time: Dec 19 05:51:10 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

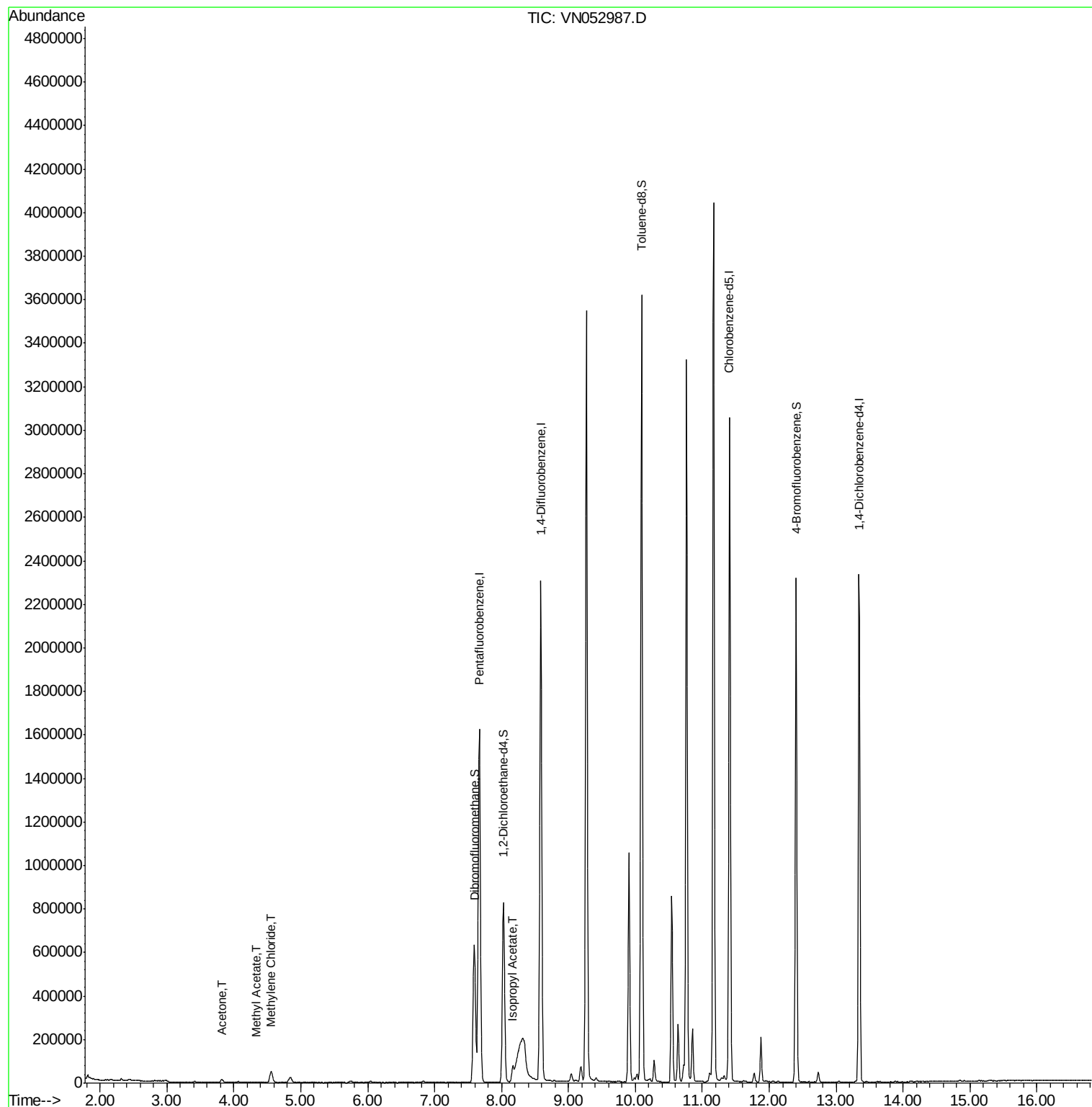
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1416004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2166971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1862292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	662823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	692464	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
35) Dibromofluoromethane	7.59	113	492744	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.09	98	2619761	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.40	95	800542	42.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.82%	
Target Compounds						
16) Acetone	3.82	43	24022	8.526	ug/l	95
18) Methyl Acetate	4.33	43	8441	1.639	ug/l #	88
20) Methylene Chloride	4.56	84	38752	2.521	ug/l	97
43) Isopropyl Acetate	8.17	43	89449	2.999	ug/l #	82

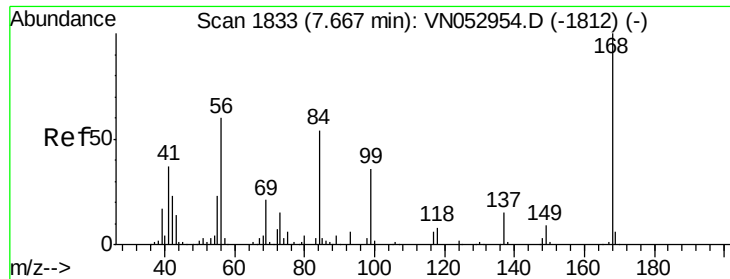
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052987.D

Acq: 19 Dec 2018 3:45

Instrument :

MSVOA_N

ClientSampleId :

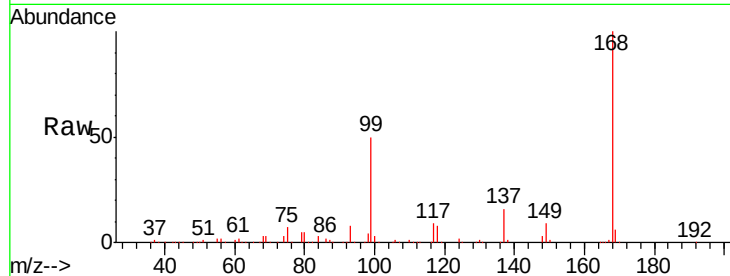
PB115784ZHE#02

Tgt Ion:168 Resp: 1416004

Ion Ratio Lower Upper

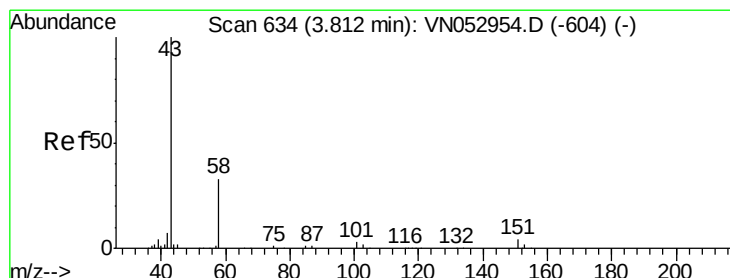
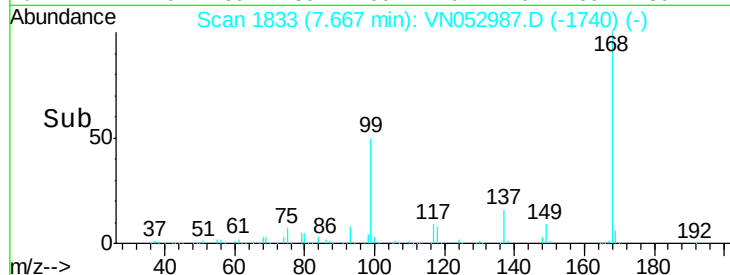
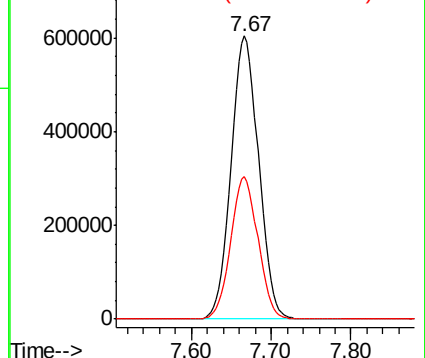
168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052987.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052987.D (-1740) (-)



#16

Acetone

Concen: 8.526 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052987.D

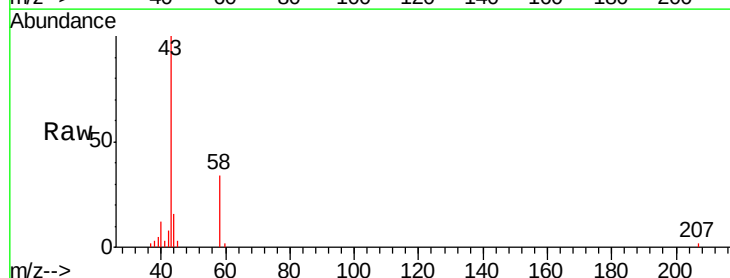
Acq: 19 Dec 2018 3:45

Tgt Ion: 43 Resp: 24022

Ion Ratio Lower Upper

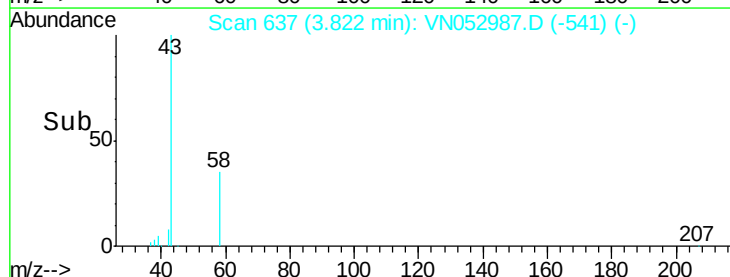
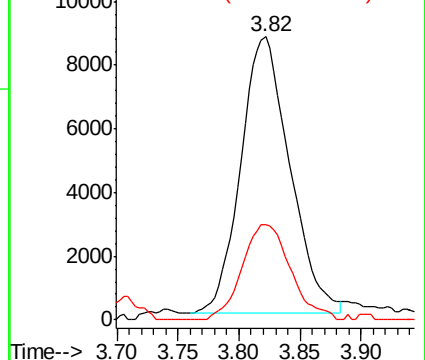
43 100

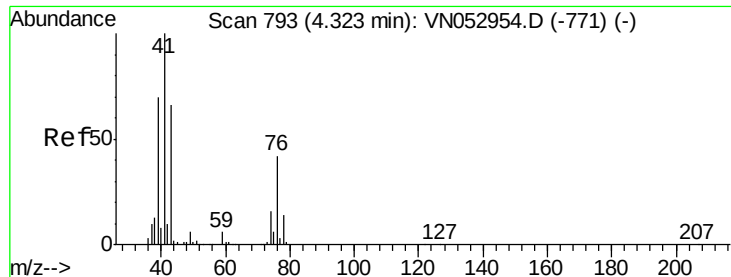
58 34.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052987.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN052987.D (-541) (-)

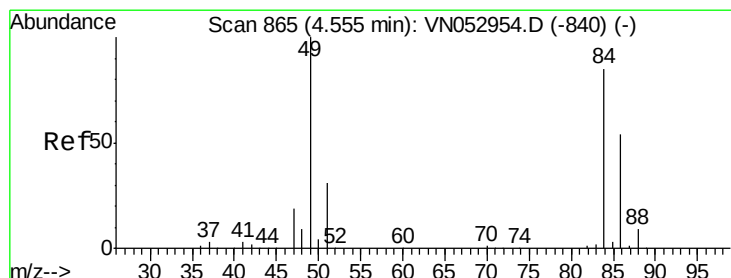
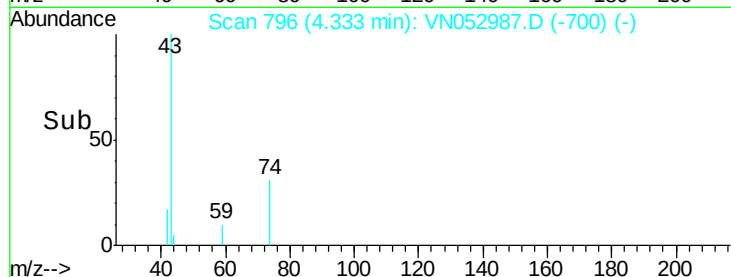
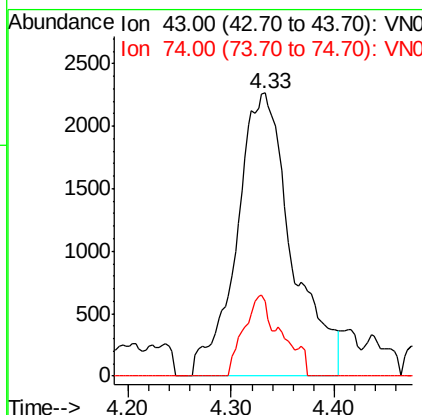
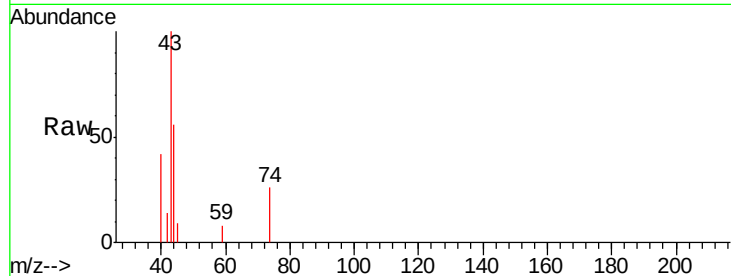




#18
Methyl Acetate
Concen: 1.639 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

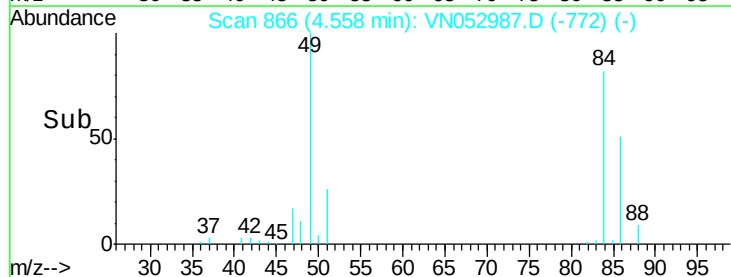
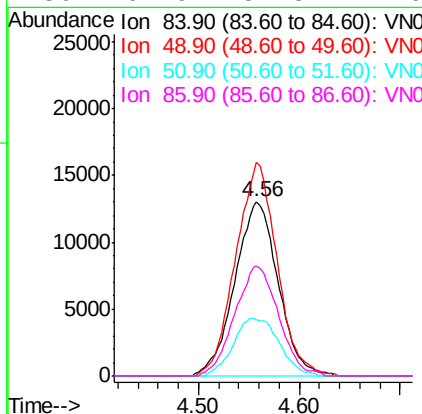
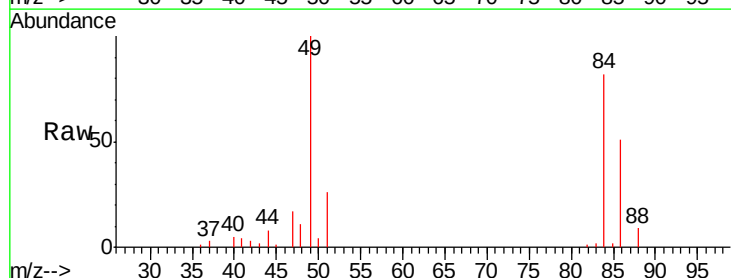
Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

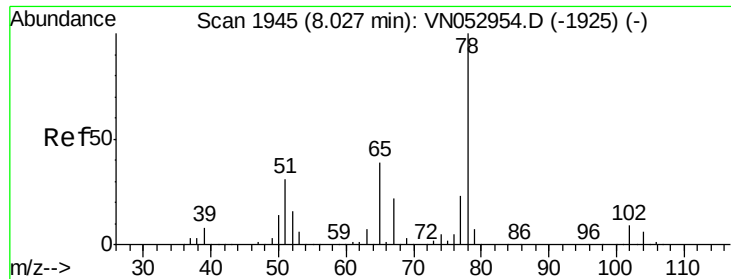
Tgt Ion: 43 Resp: 8441
Ion Ratio Lower Upper
43 100
74 17.9 19.2 28.8#



#20
Methylene Chloride
Concen: 2.521 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion: 84 Resp: 38752
Ion Ratio Lower Upper
84 100
49 122.5 96.8 145.2
51 32.3 29.9 44.9
86 62.9 51.8 77.6

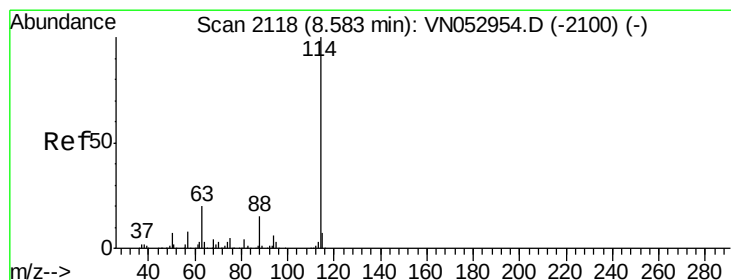
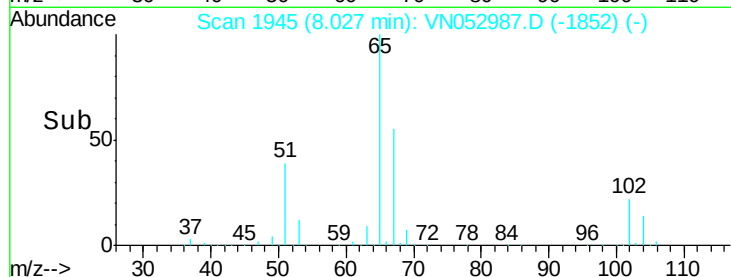
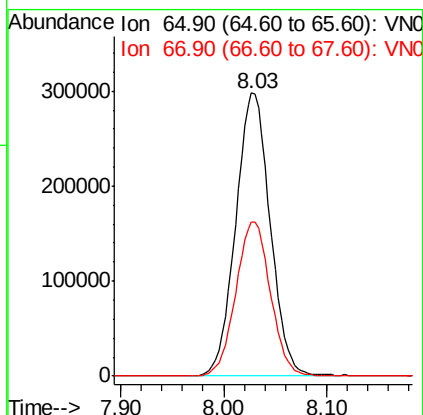
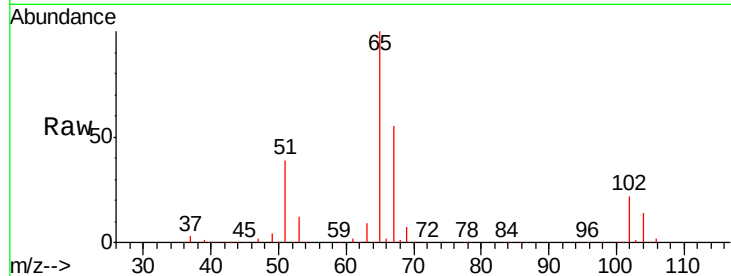




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052987.D
 Acq: 19 Dec 2018 3:45

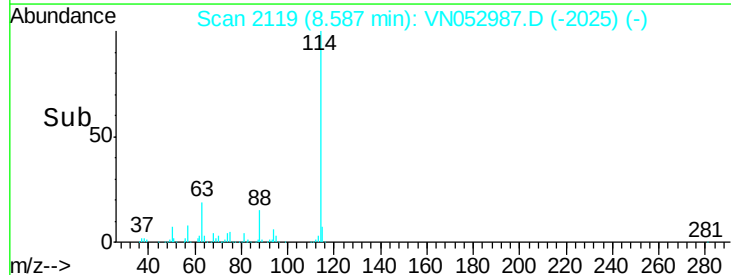
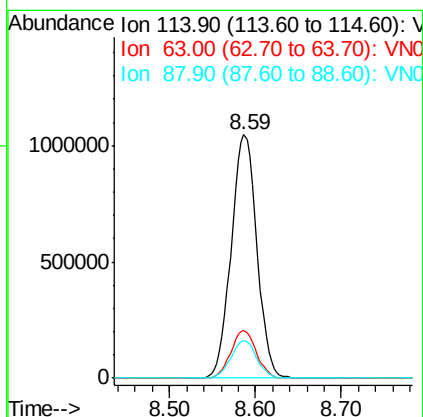
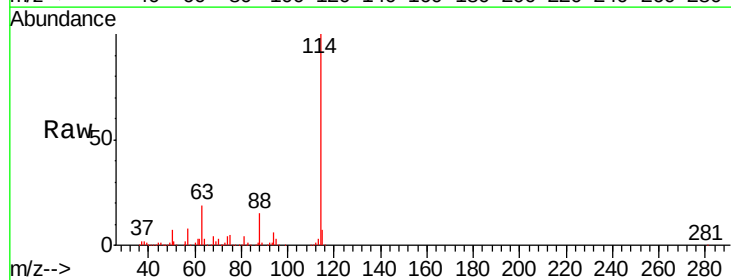
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115784ZHE#02

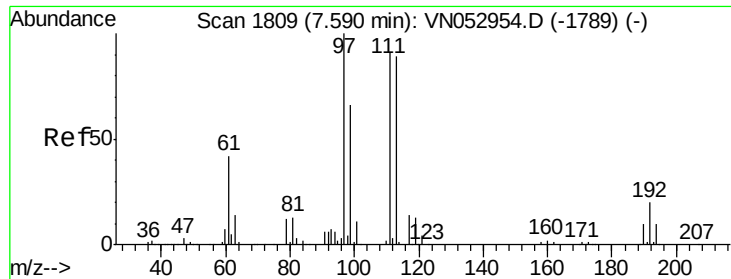
Tgt Ion: 65 Resp: 692464
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052987.D
 Acq: 19 Dec 2018 3:45

Tgt Ion: 114 Resp: 2166971
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.4 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: VN052987.D

Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

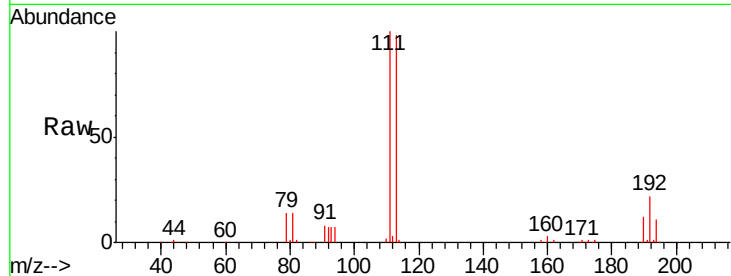
Tgt Ion:113 Resp: 492744

Ion Ratio Lower Upper

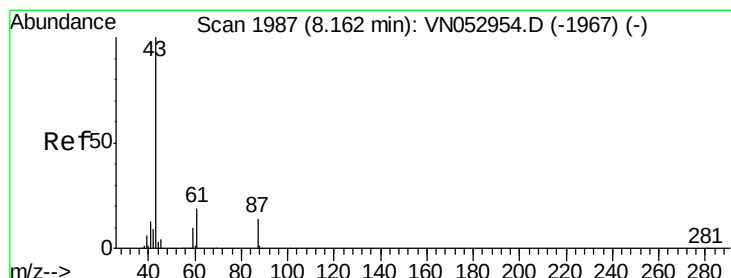
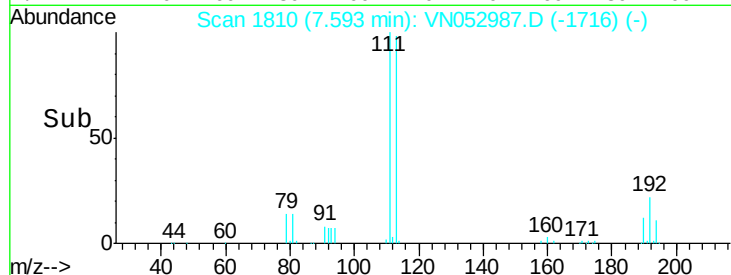
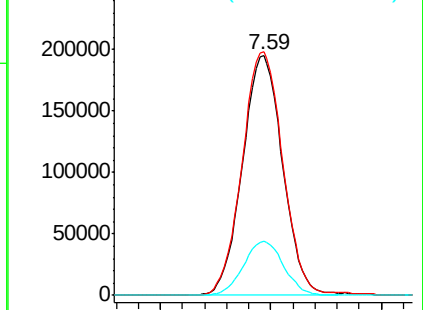
113 100

111 103.5 83.0 124.4

192 22.5 17.5 26.3



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: 2.999 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052987.D

Acq: 19 Dec 2018 3:45

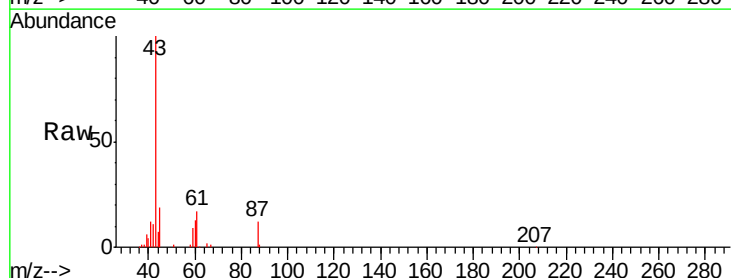
Tgt Ion: 43 Resp: 89449

Ion Ratio Lower Upper

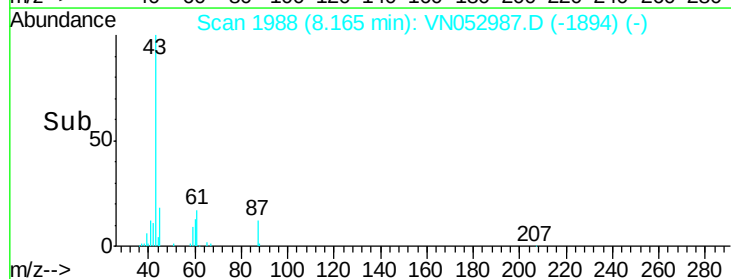
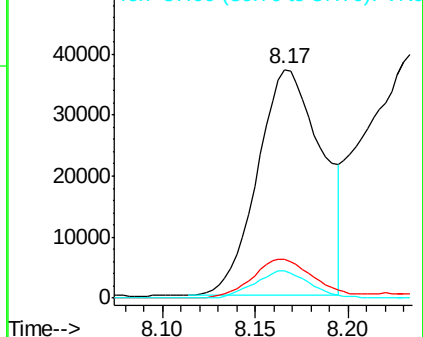
43 100

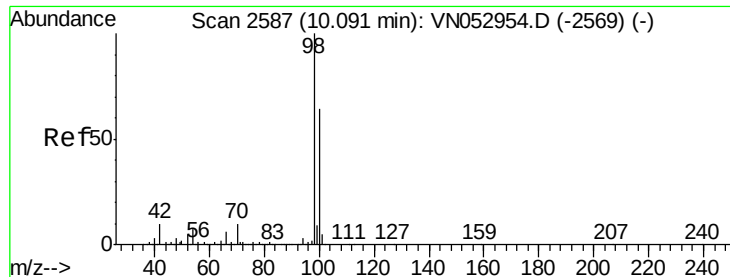
61 16.6 22.9 34.3#

87 10.1 10.6 15.8#



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052987.D

Acq: 19 Dec 2018 3:45

Instrument :

MSVOA_N

ClientSampleId :

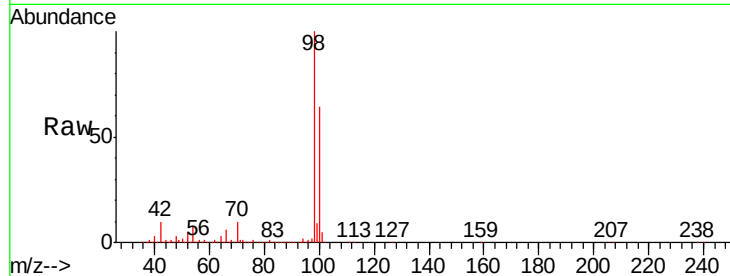
PB115784ZHE#02

Tgt Ion: 98 Resp: 2619761

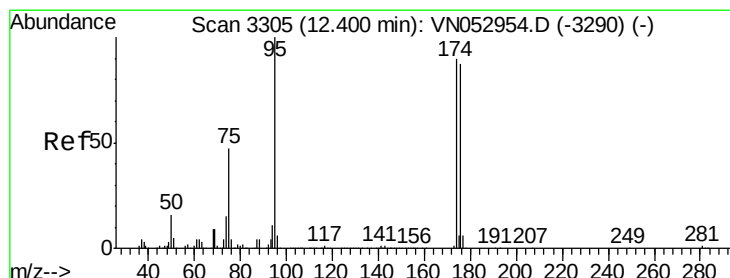
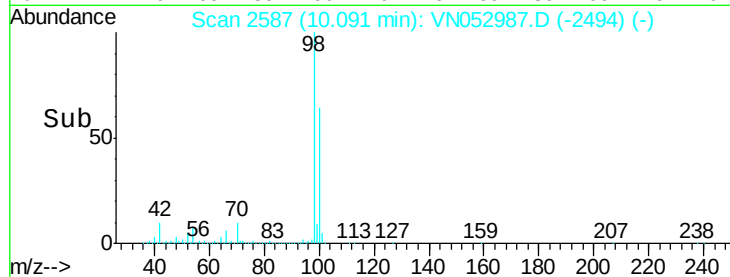
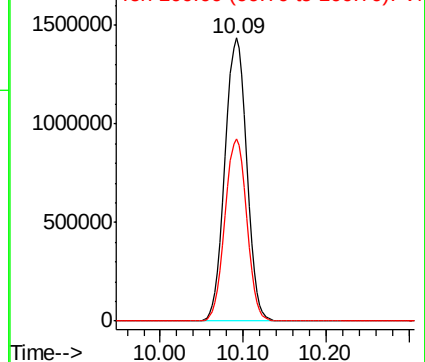
Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052987.D

Acq: 19 Dec 2018 3:45

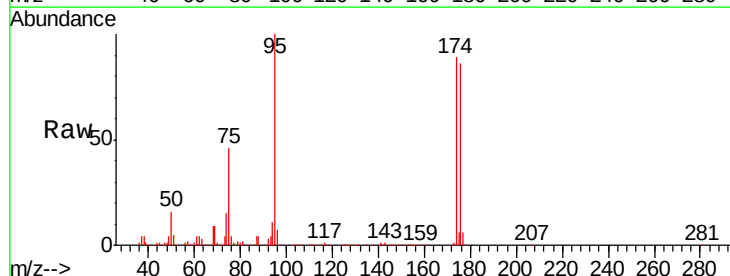
Tgt Ion: 95 Resp: 800542

Ion Ratio Lower Upper

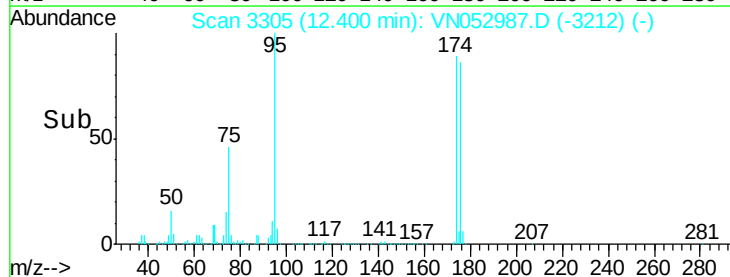
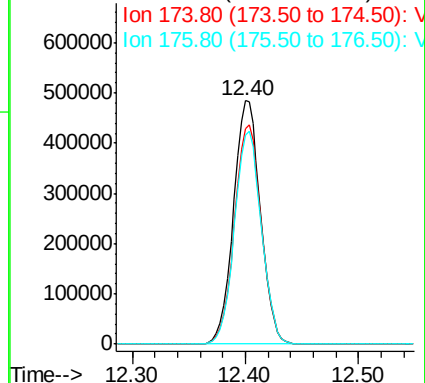
95 100

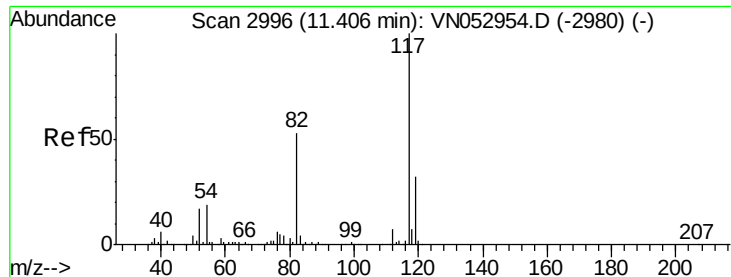
174 90.0 0.0 178.8

176 87.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

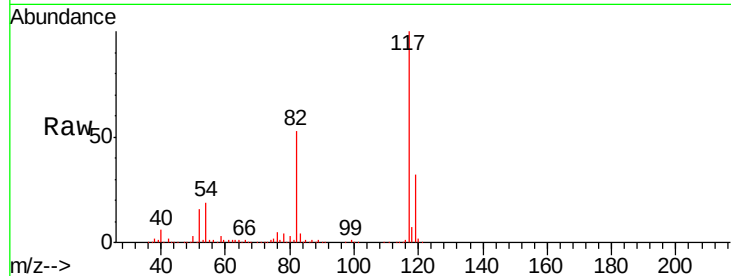




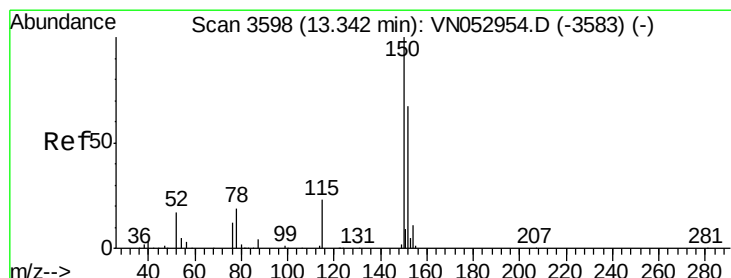
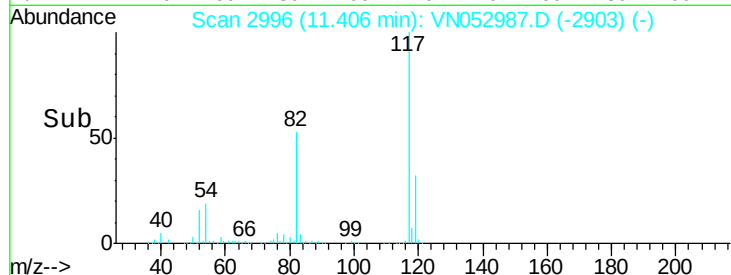
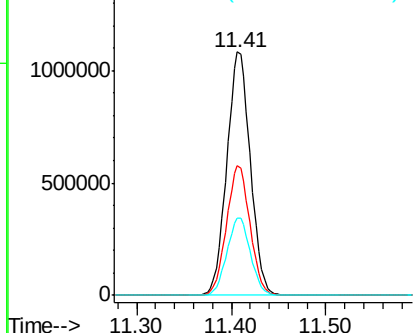
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#02

Tgt Ion:117 Resp: 1862292
Ion Ratio Lower Upper
117 100
82 53.1 42.8 64.2
119 31.9 25.5 38.3

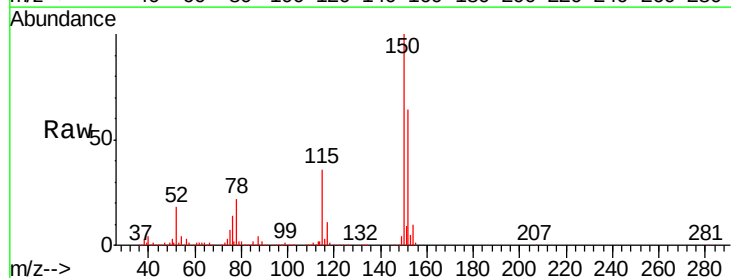


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052987.D
Acq: 19 Dec 2018 3:45

Tgt Ion:152 Resp: 662823
Ion Ratio Lower Upper
152 100
115 56.6 28.3 85.0
150 158.5 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

