

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052989.D
 Acq On : 19 Dec 2018 4:39
 Operator : MD\SY
 Sample : PB115784ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115784ZHE#04

Quant Time: Dec 19 05:54:12 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

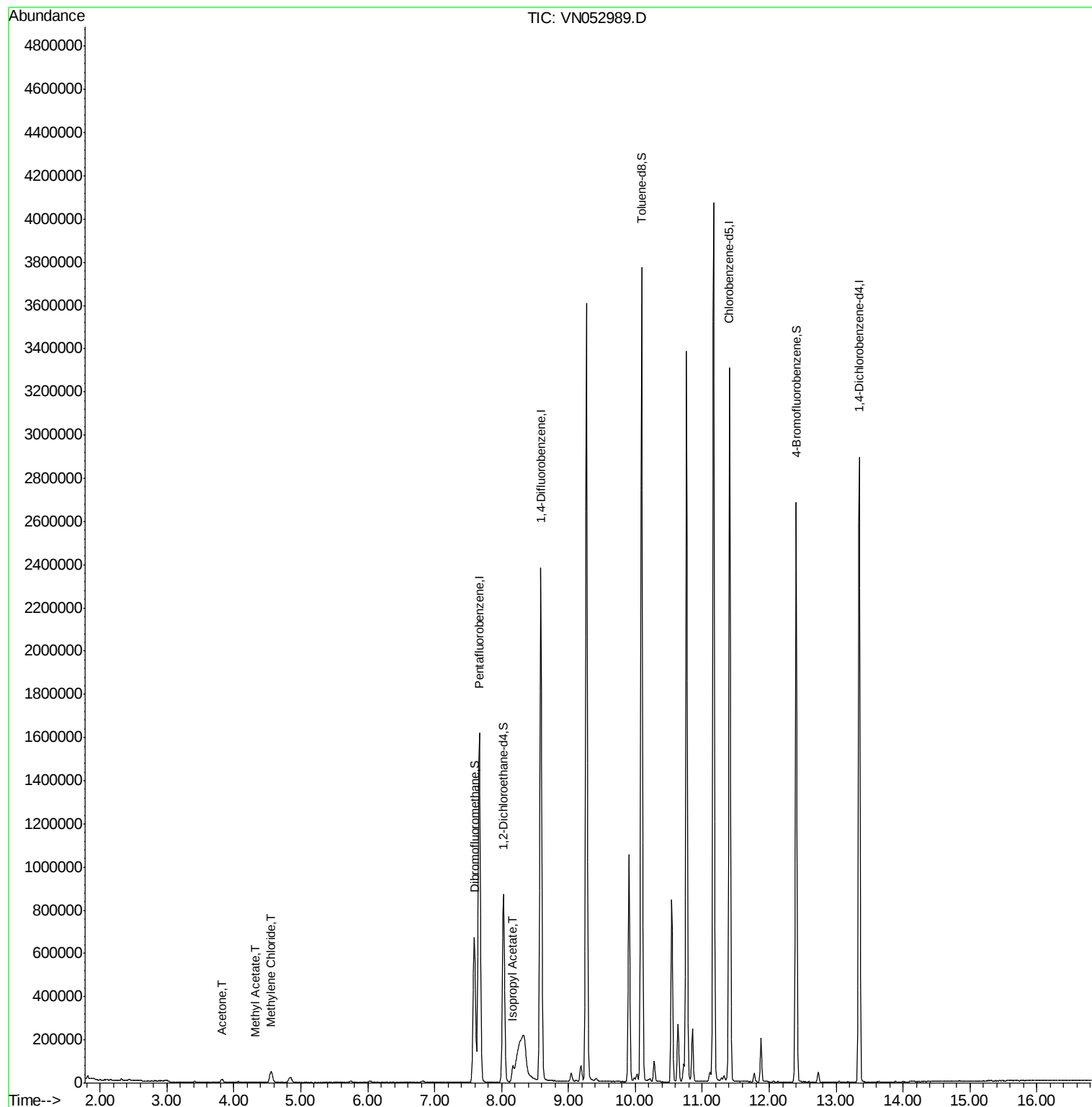
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1441773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2217944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2021711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	837970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	722388	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
35) Dibromofluoromethane	7.59	113	525272	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	10.09	98	2714293	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	920259	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
Target Compounds						
16) Acetone	3.82	43	24910	8.683	ug/l	95
18) Methyl Acetate	4.32	43	7712	1.573	ug/l #	79
20) Methylene Chloride	4.55	84	39886	2.549	ug/l	98
43) Isopropyl Acetate	8.17	43	90621	2.958	ug/l #	83

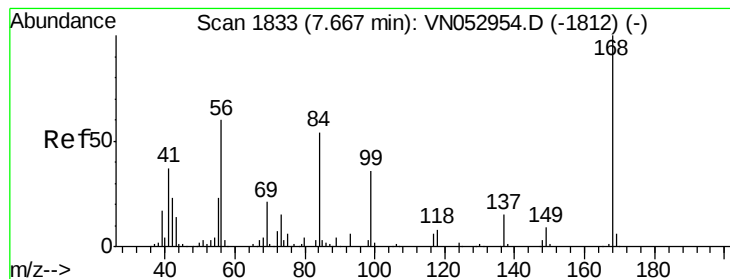
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052989.D

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Instrument :

MSVOA_N

ClientSampleId :

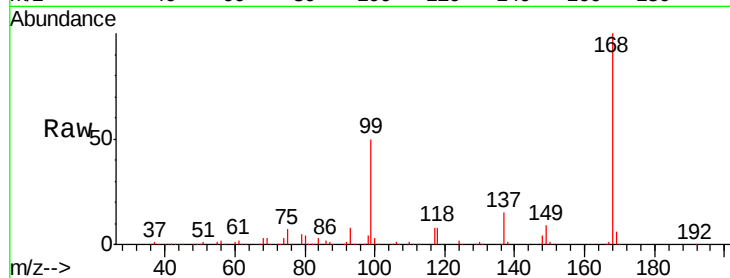
PB115784ZHE#04

Tgt Ion:168 Resp: 1441773

Ion Ratio Lower Upper

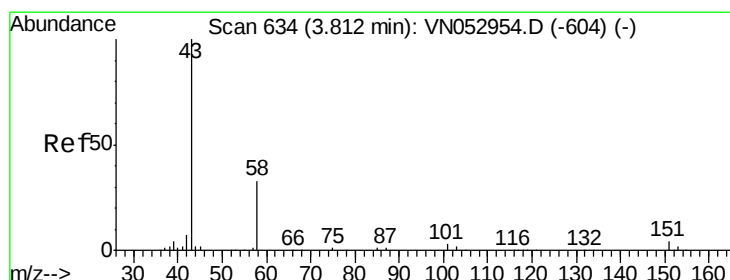
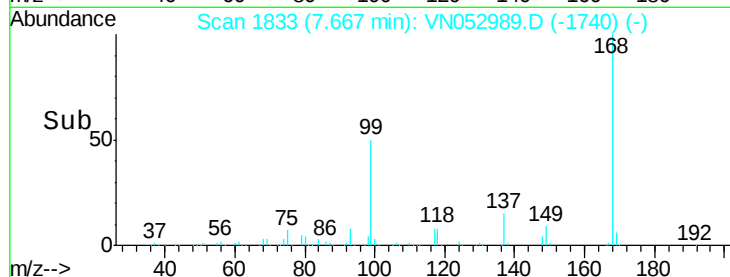
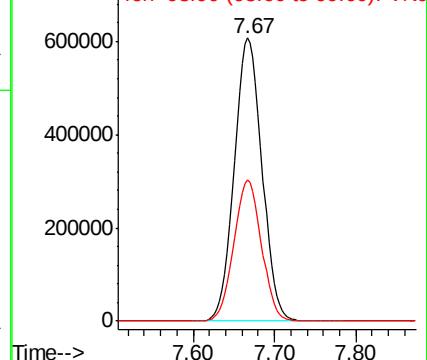
168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.683 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052989.D

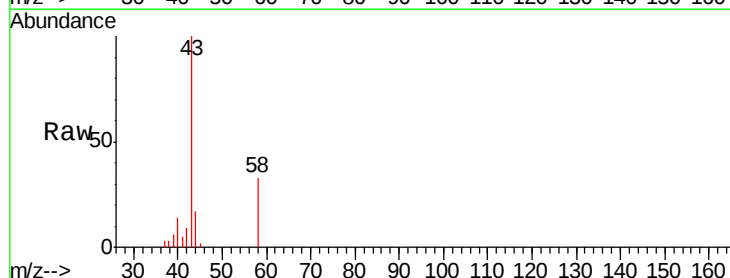
Acq: 19 Dec 2018 4:39

Tgt Ion: 43 Resp: 24910

Ion Ratio Lower Upper

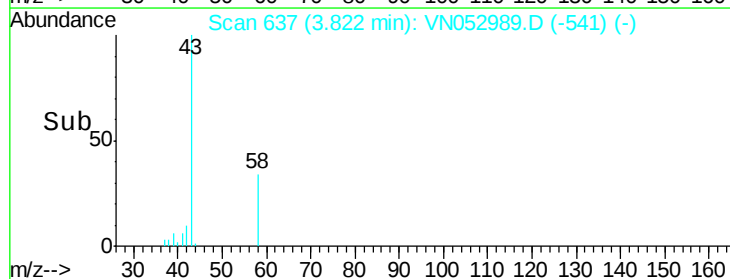
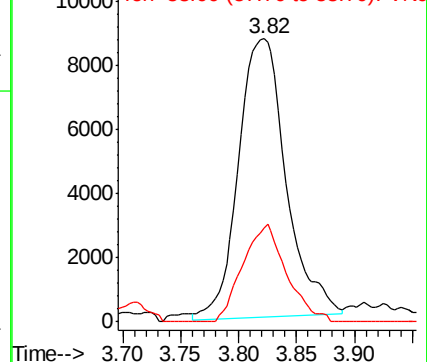
43 100

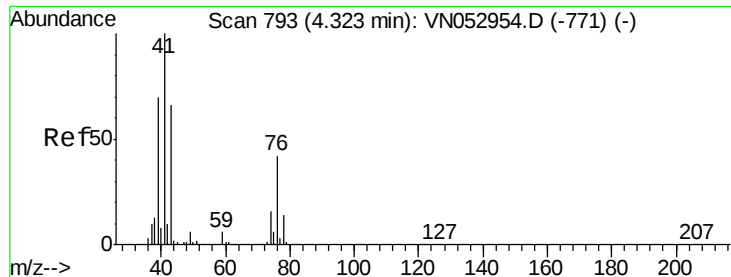
58 34.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

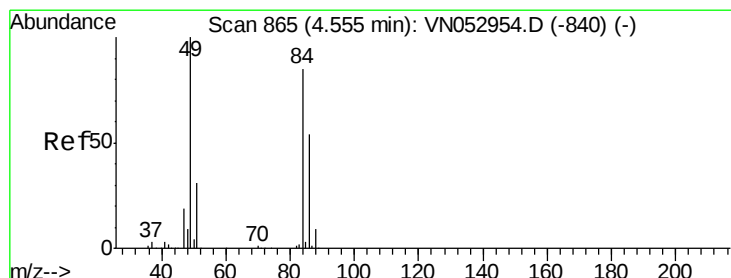
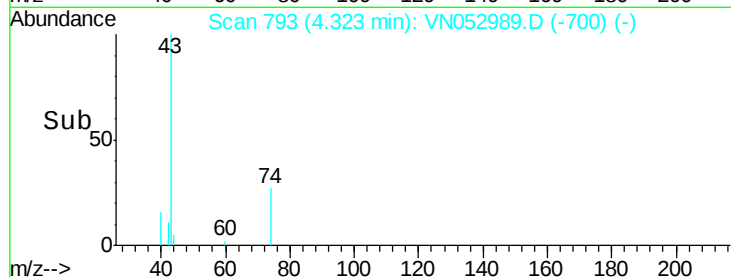
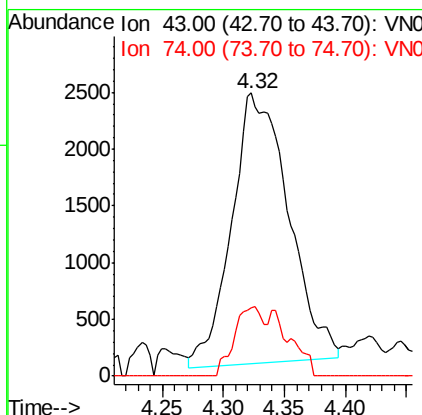
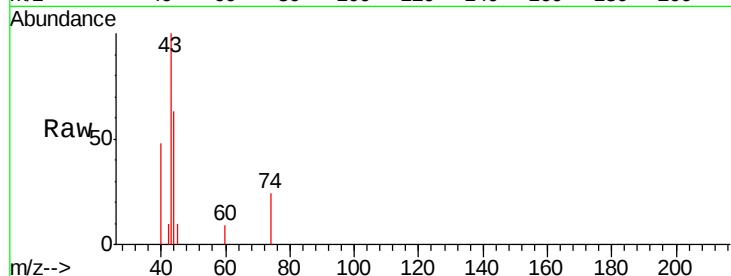




#18
Methyl Acetate
Concen: 1.573 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN052989.D
Acq: 19 Dec 2018 4:39

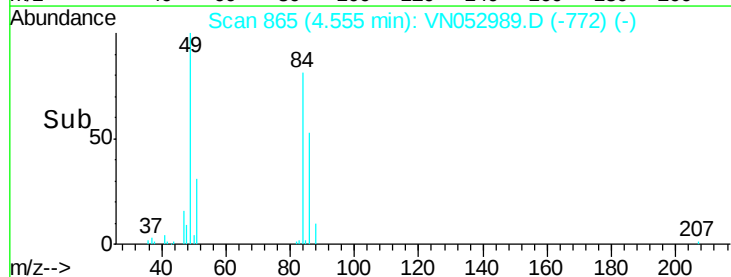
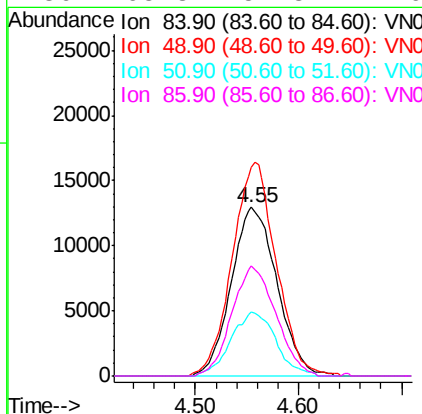
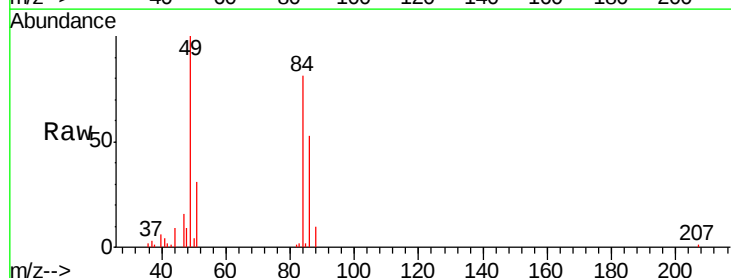
Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#04

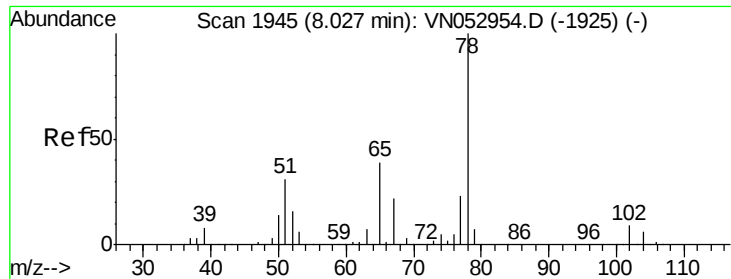
Tgt Ion: 43 Resp: 7712
Ion Ratio Lower Upper
43 100
74 13.8 19.2 28.8#



#20
Methylene Chloride
Concen: 2.549 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052989.D
Acq: 19 Dec 2018 4:39

Tgt Ion: 84 Resp: 39886
Ion Ratio Lower Upper
84 100
49 123.8 96.8 145.2
51 38.0 29.9 44.9
86 65.3 51.8 77.6

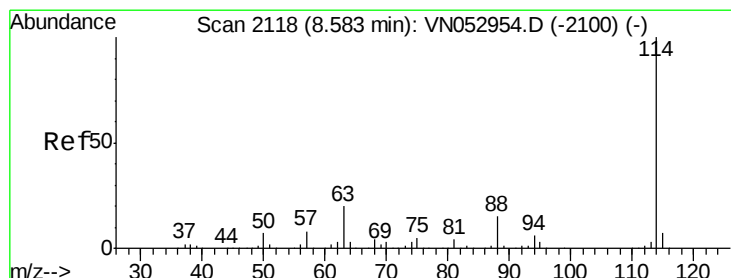
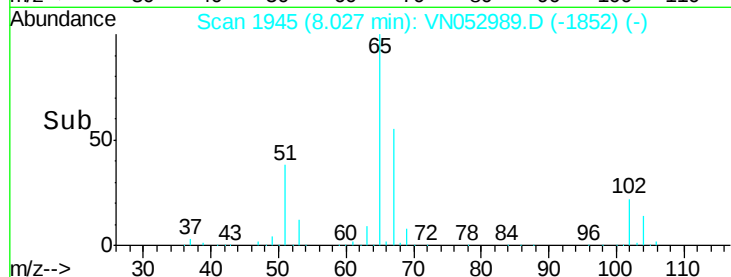
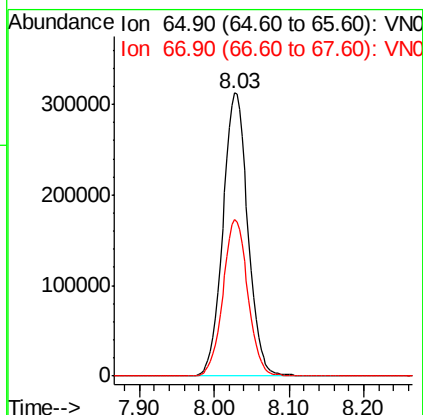
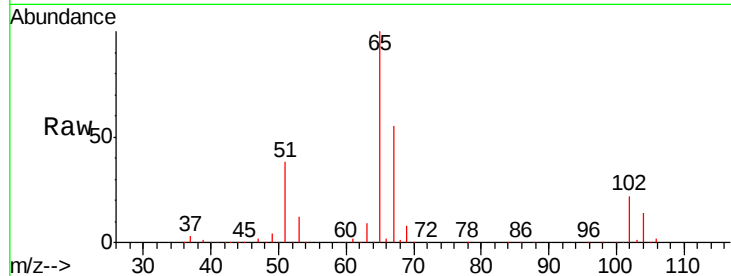




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052989.D
 Acq: 19 Dec 2018 4:39

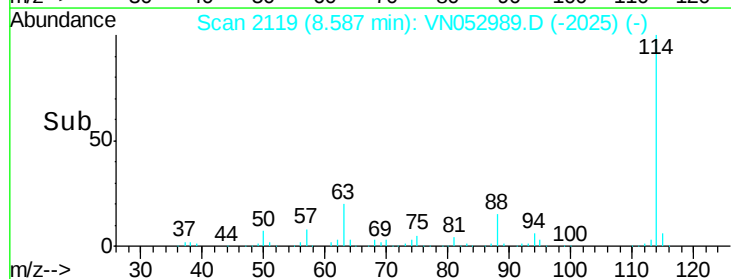
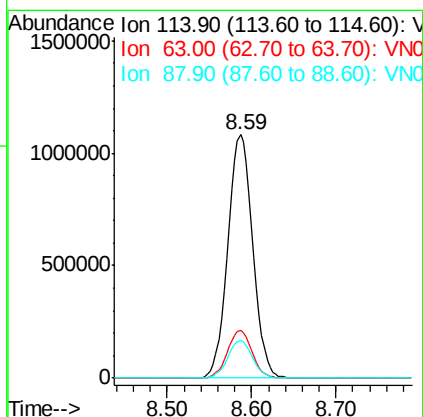
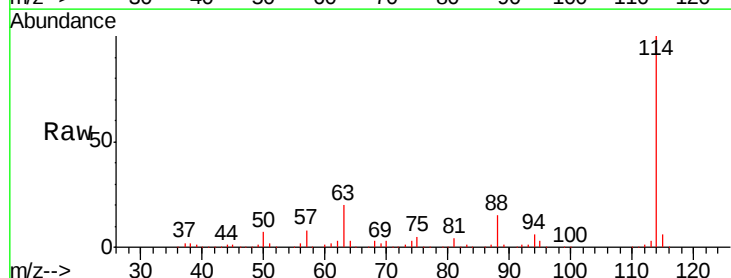
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115784ZHE#04

Tgt Ion: 65 Resp: 722388
 Ion Ratio Lower Upper
 65 100
 67 55.0 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: VN052989.D
 Acq: 19 Dec 2018 4:39

Tgt Ion: 114 Resp: 2217944
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.4 0.0 31.0

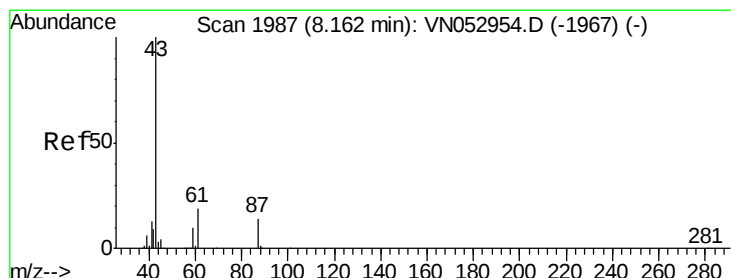
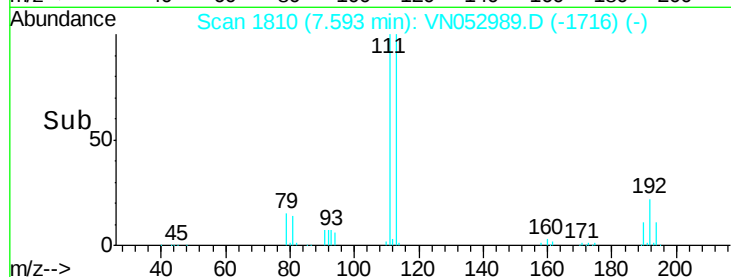
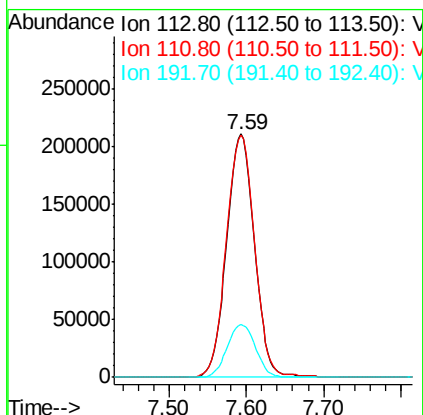
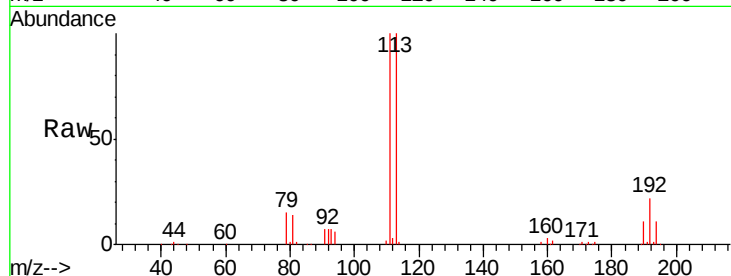




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052989.D
 Acq: 19 Dec 2018 4:39

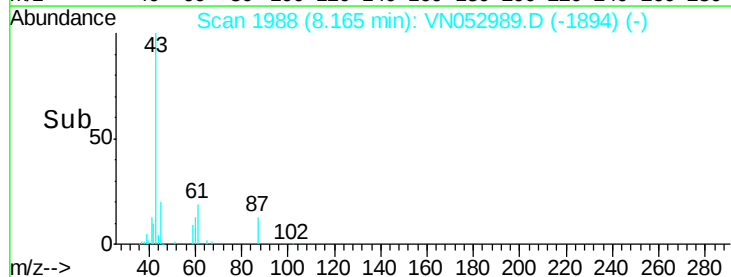
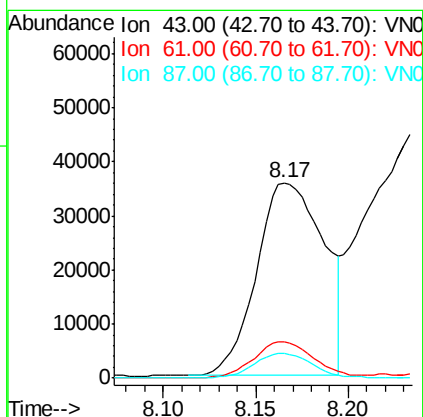
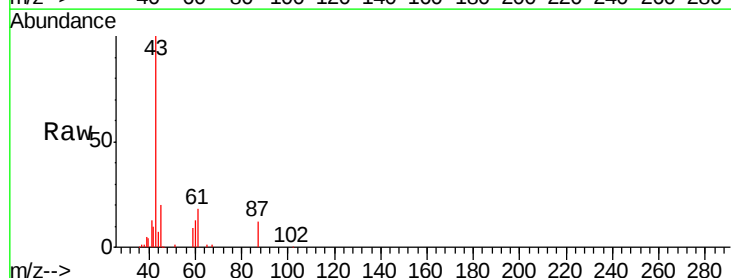
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115784ZHE#04

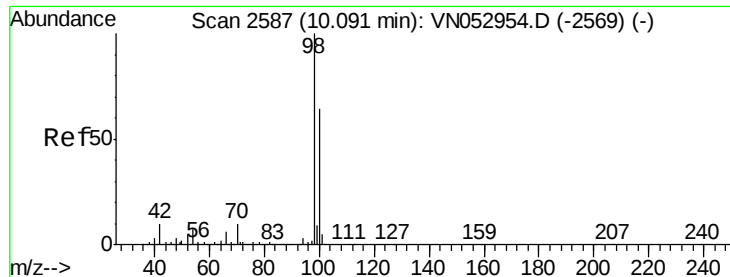
Tgt Ion:113 Resp: 525272
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.0 124.4
 192 22.1 17.5 26.3



#43
 Isopropyl Acetate
 Concen: 2.958 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052989.D
 Acq: 19 Dec 2018 4:39

Tgt Ion: 43 Resp: 90621
 Ion Ratio Lower Upper
 43 100
 61 16.8 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: VN052989.D

Acq: 19 Dec 2018 4:39

Instrument :

MSVOA_N

ClientSampleId :

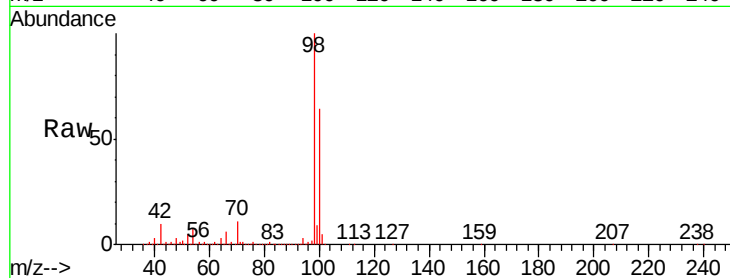
PB115784ZHE#04

Tgt Ion: 98 Resp: 2714293

Ion Ratio Lower Upper

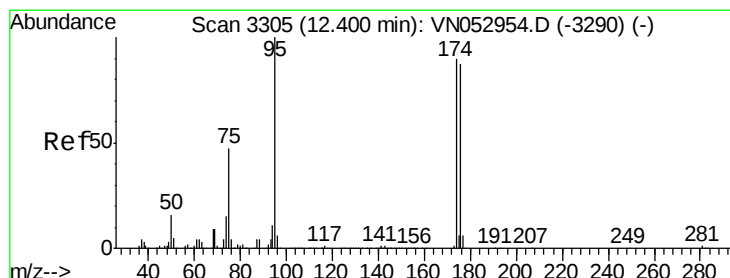
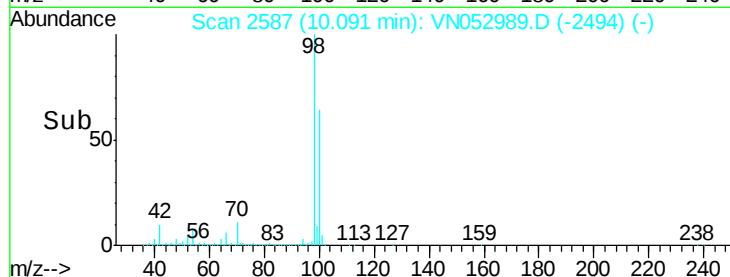
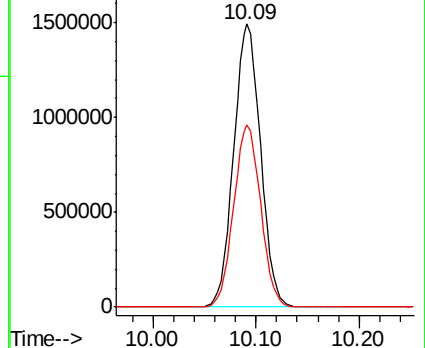
98 100

100 64.7 51.6 77.4



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

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052989.D

Acq: 19 Dec 2018 4:39

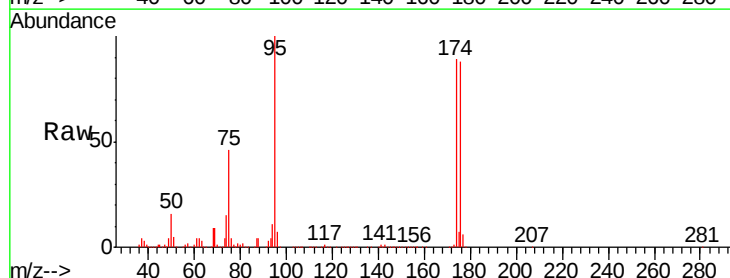
Tgt Ion: 95 Resp: 920259

Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.8

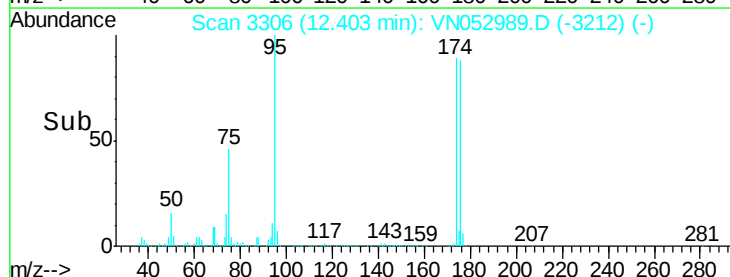
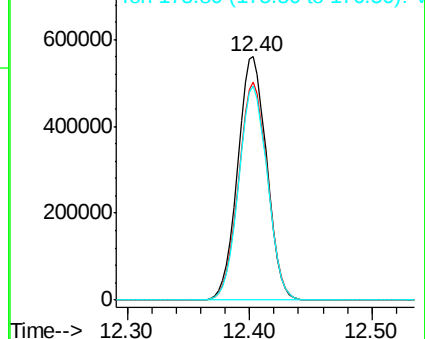
176 87.1 0.0 173.8

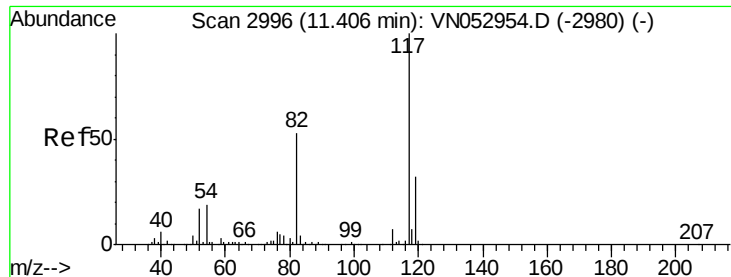


Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

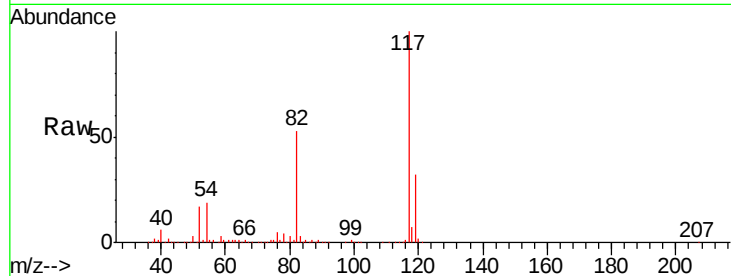




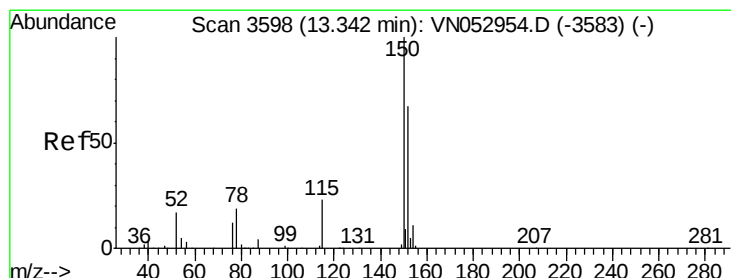
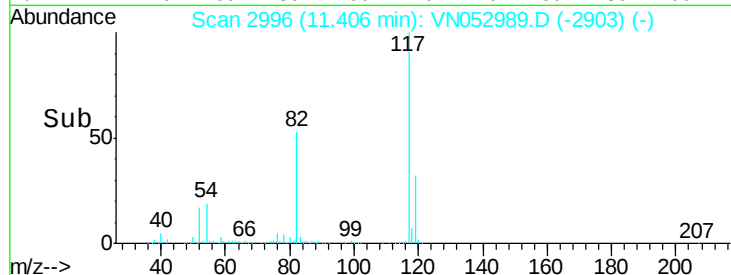
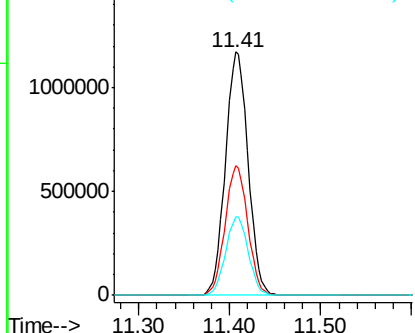
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052989.D
Acq: 19 Dec 2018 4:39

Instrument :
MSVOA_N
ClientSampleId :
PB115784ZHE#04

Tgt Ion:117 Resp: 2021711
Ion Ratio Lower Upper
117 100
82 53.1 42.8 64.2
119 32.0 25.5 38.3

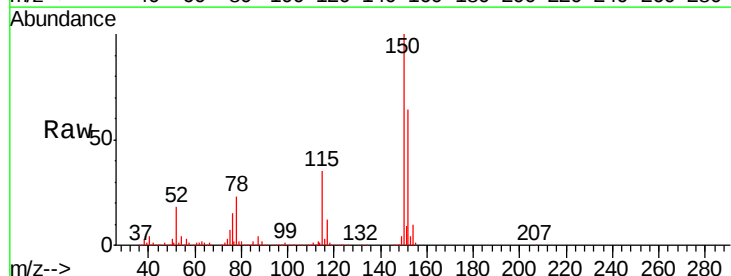


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052989.D
Acq: 19 Dec 2018 4:39

Tgt Ion:152 Resp: 837970
Ion Ratio Lower Upper
152 100
115 55.6 28.3 85.0
150 156.4 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

