

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053064.D
 Acq On : 20 Dec 2018 18:35
 Operator : MD\SY
 Sample : PB115868ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115868ZHE#04

Quant Time: Dec 21 02:23:44 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

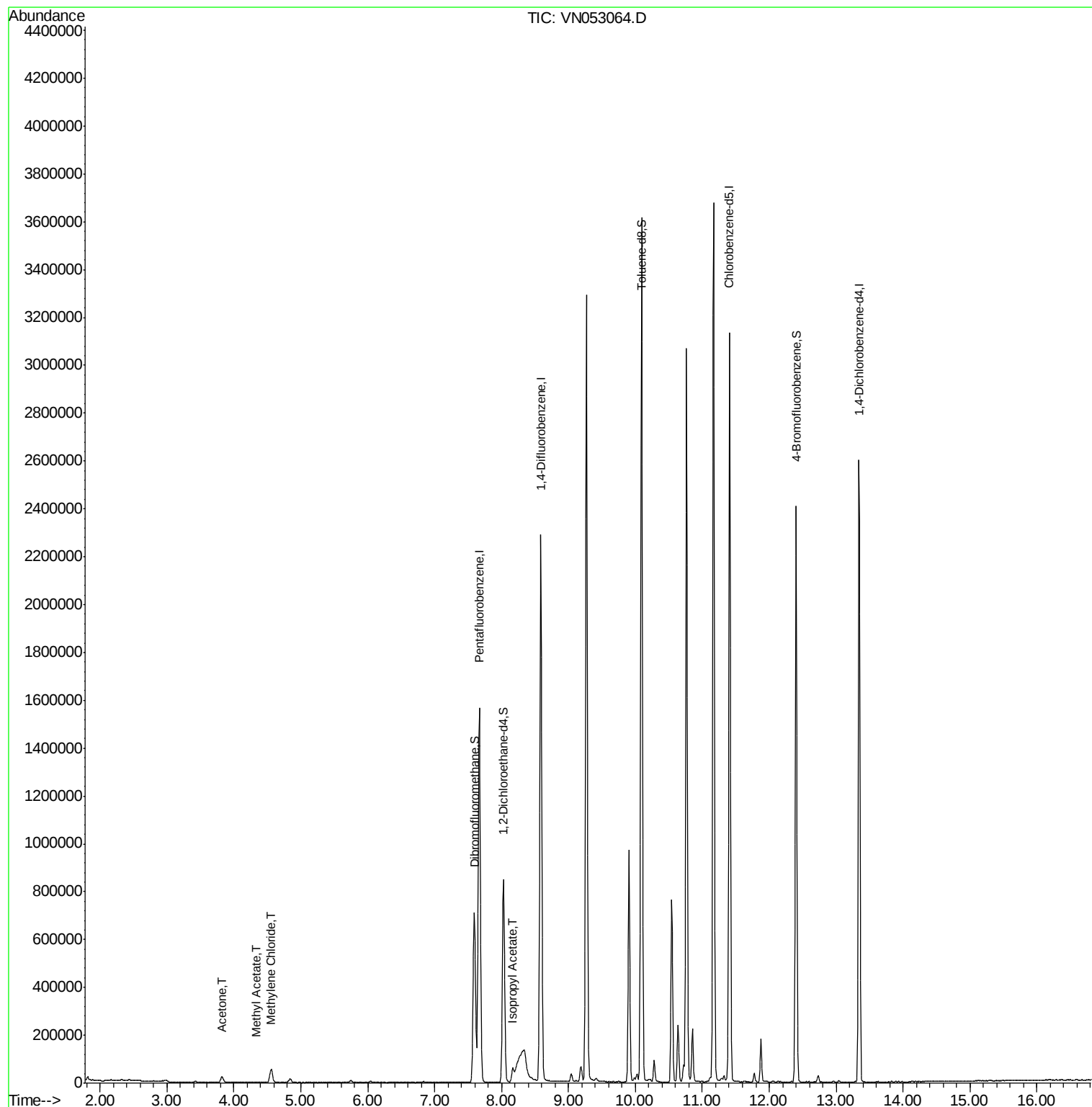
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1383935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2144328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1894954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	750274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	710049	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	7.59	113	545929	55.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.46%	
50) Toluene-d8	10.09	98	2587994	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.40	95	839795	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
16) Acetone	3.82	43	41580	15.100	ug/l	94
18) Methyl Acetate	4.33	43	6612	1.510	ug/l	93
20) Methylene Chloride	4.56	84	43466	2.894	ug/l	98
43) Isopropyl Acetate	8.17	43	78189	2.525	ug/l #	84

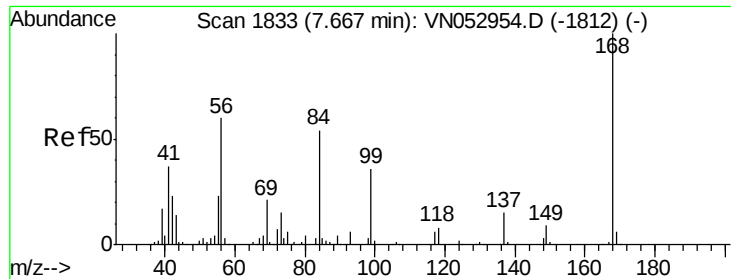
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :

MSVOA_N

ClientSampleId :

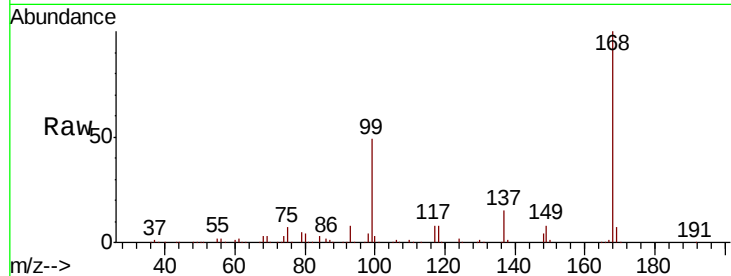
PB115868ZHE#04

Tot Ion:168 Resp: 1383935

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

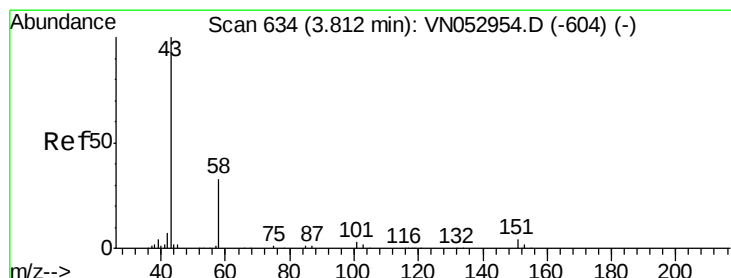
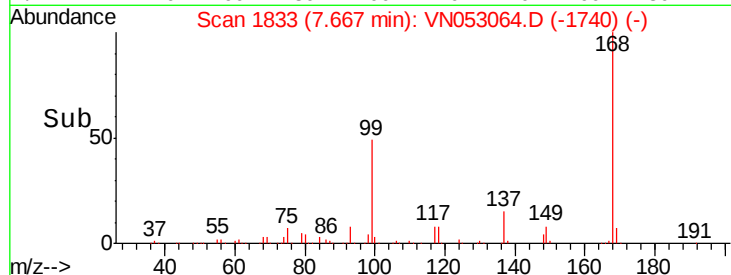
400000

200000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 15.100 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053064.D

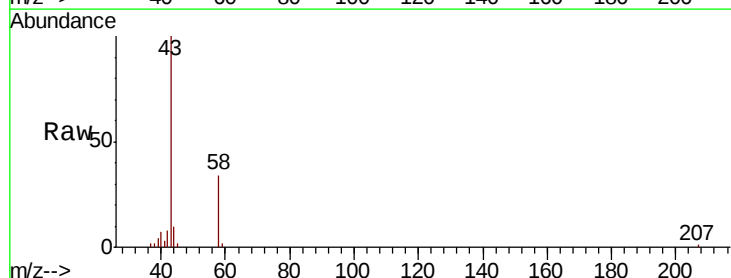
Acq: 20 Dec 2018 18:35

Tgt Ion: 43 Resp: 41580

Ion Ratio Lower Upper

43 100

58 34.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

15000

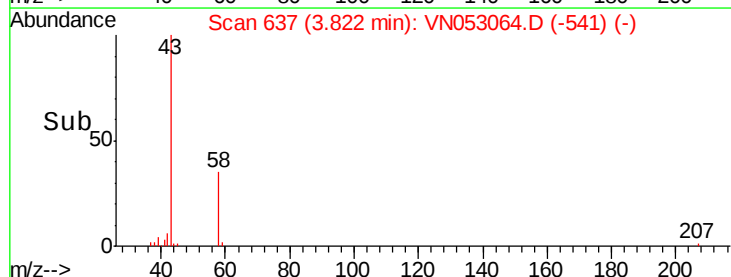
10000

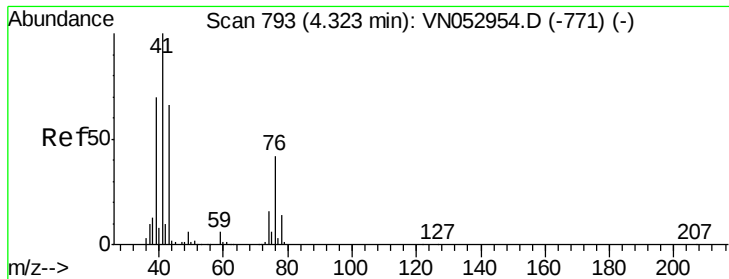
5000

0

3.75 3.80 3.85 3.90

Time-->

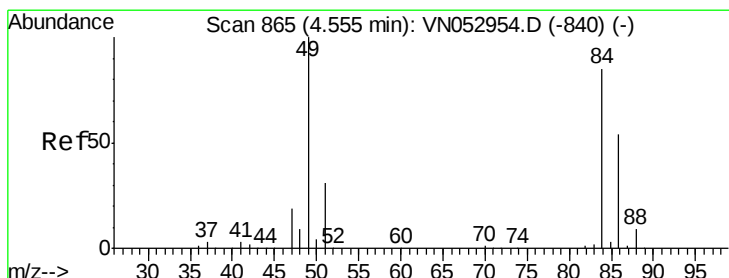
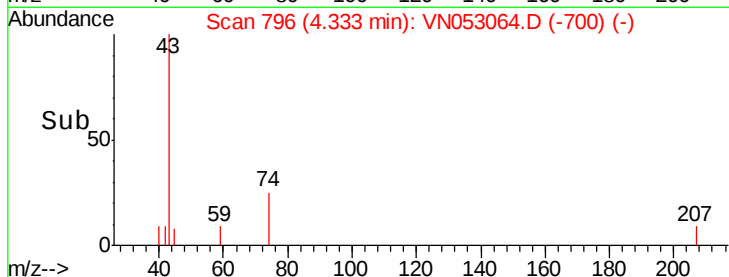
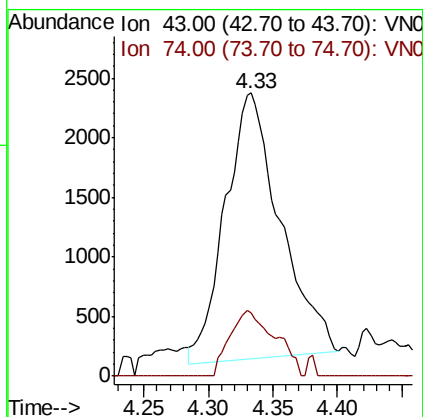
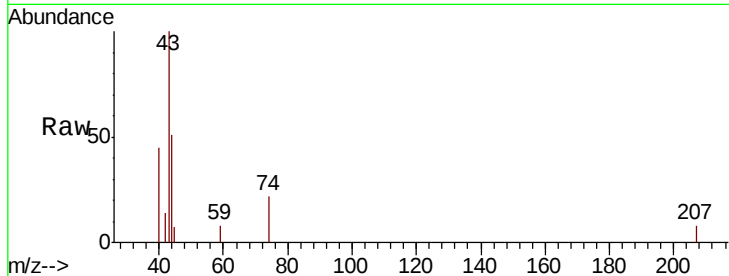




#18
Methyl Acetate
Concen: 1.510 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053064.D
Acq: 20 Dec 2018 18:35

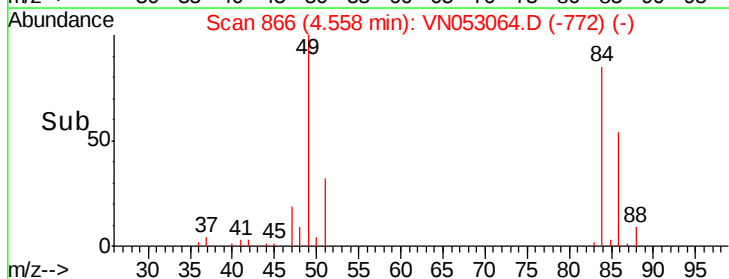
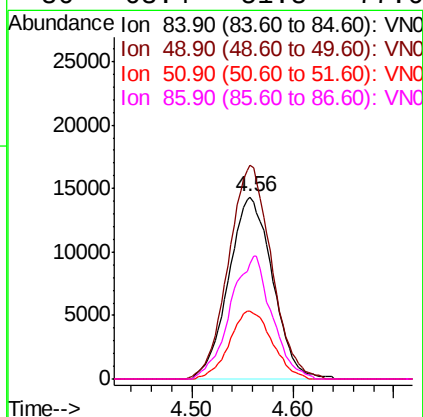
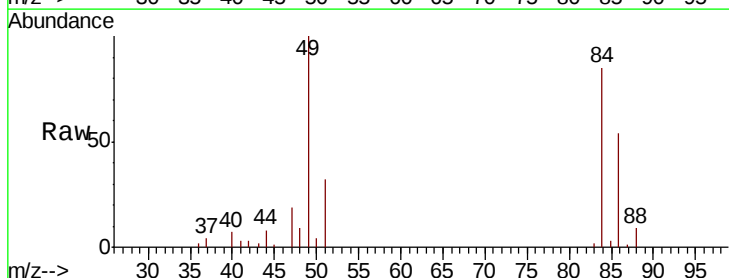
Instrument :
MSVOA_N
ClientSampleId :
PB115868ZHE#04

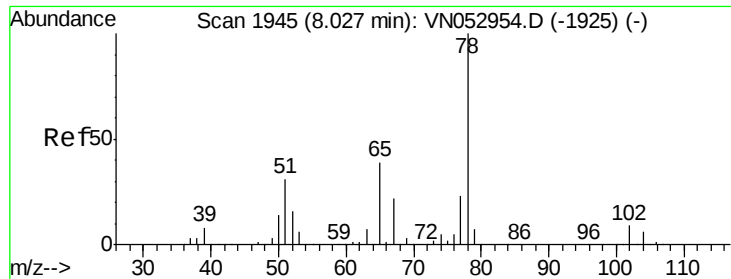
Tot Ion: 43 Resp: 6612
Ion Ratio Lower Upper
43 100
74 20.4 19.2 28.8



#20
Methylene Chloride
Concen: 2.894 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053064.D
Acq: 20 Dec 2018 18:35

Tgt Ion: 84 Resp: 43466
Ion Ratio Lower Upper
84 100
49 117.3 96.8 145.2
51 37.1 29.9 44.9
86 63.4 51.8 77.6

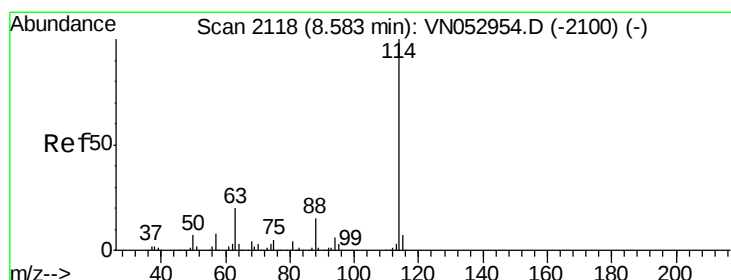
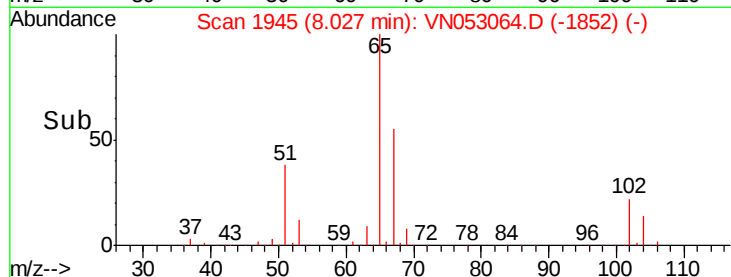
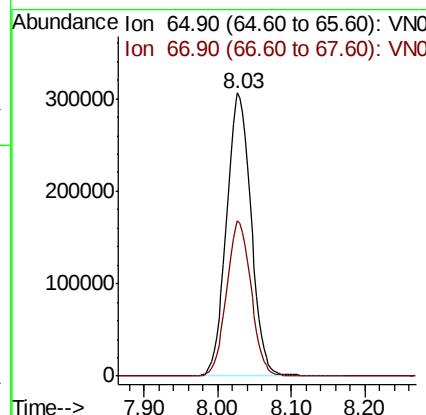
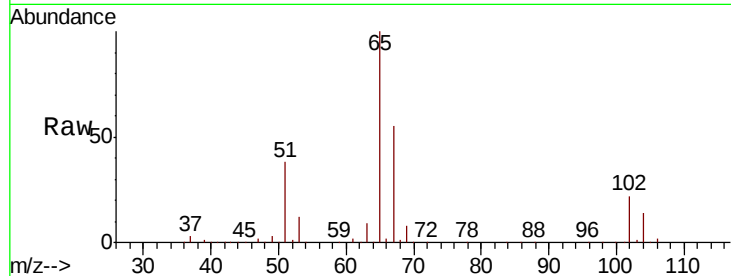




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053064.D
 Acq: 20 Dec 2018 18:35

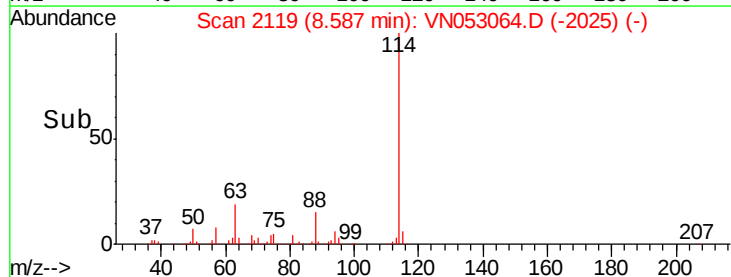
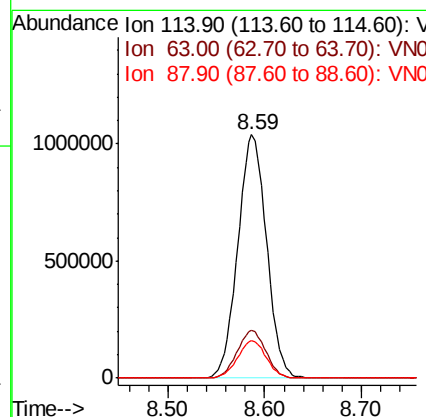
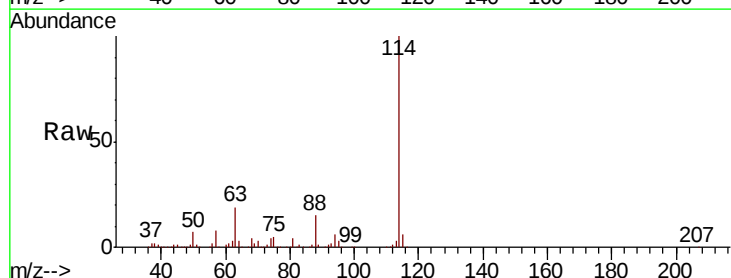
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115868ZHE#04

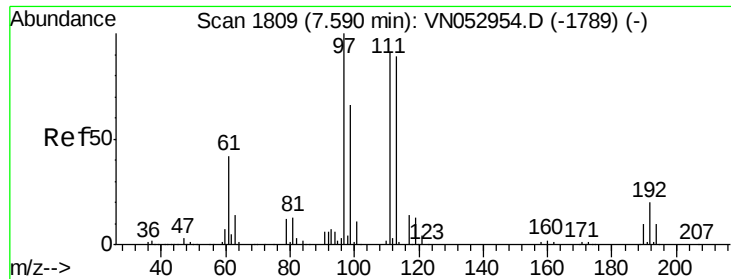
Tot Ion: 65 Resp: 710049
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053064.D
 Acq: 20 Dec 2018 18:35

Tgt Ion: 114 Resp: 2144328
 Ion Ratio Lower Upper
 114 100
 63 19.5 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: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB115868ZHE#04

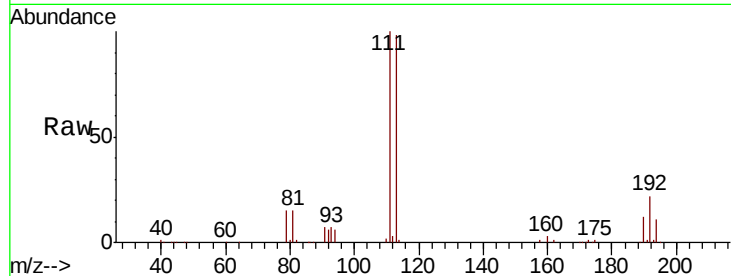
Tot Ion:113 Resp: 545929

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

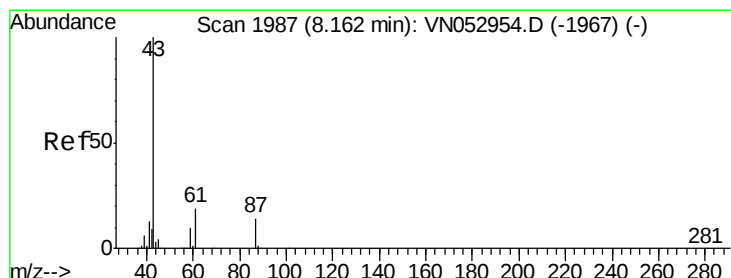
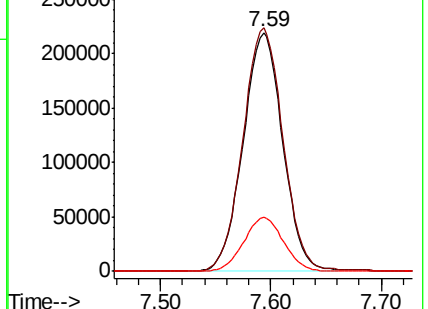
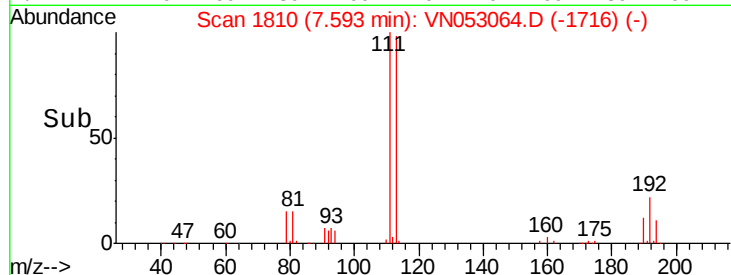
192 22.8 17.5 26.3



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: 2.525 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

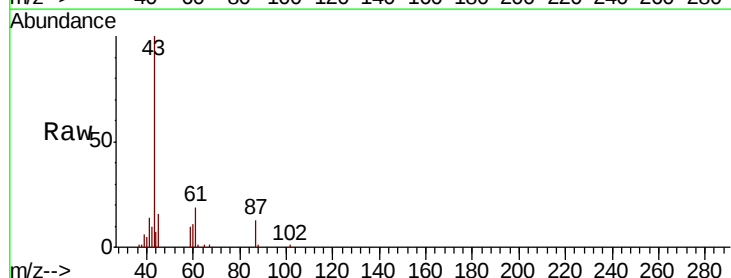
Tgt Ion: 43 Resp: 78189

Ion Ratio Lower Upper

43 100

61 17.0 22.9 34.3#

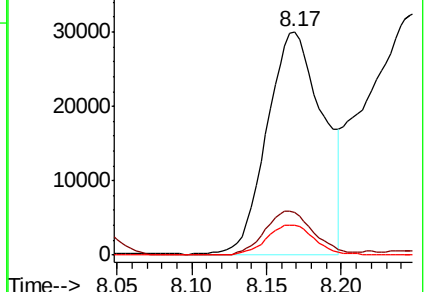
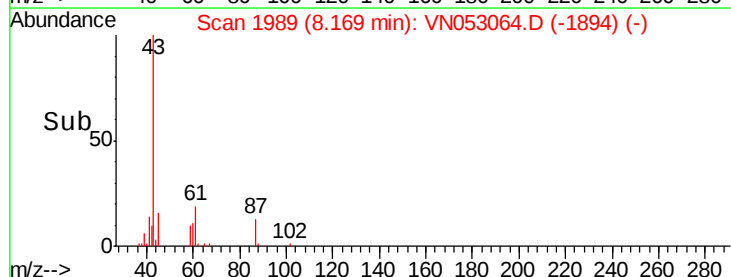
87 11.3 10.6 15.8

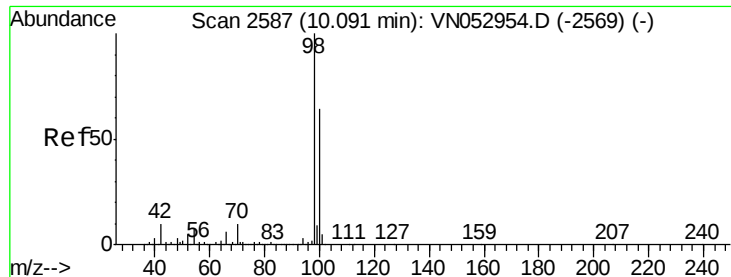


Abundance Ion 43.00 (42.70 to 43.70): V

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: VN053064.D

Acq: 20 Dec 2018 18:35

Instrument :

MSVOA_N

ClientSampleId :

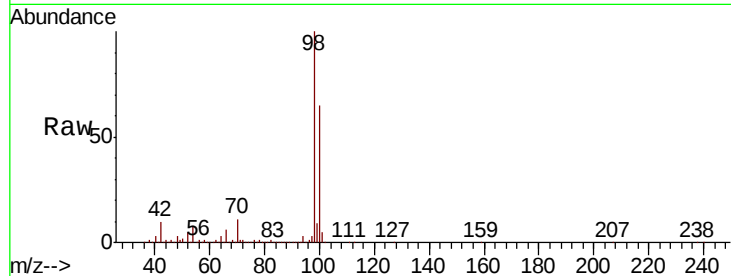
PB115868ZHE#04

Tot Ion: 98 Resp: 2587994

Ion Ratio Lower Upper

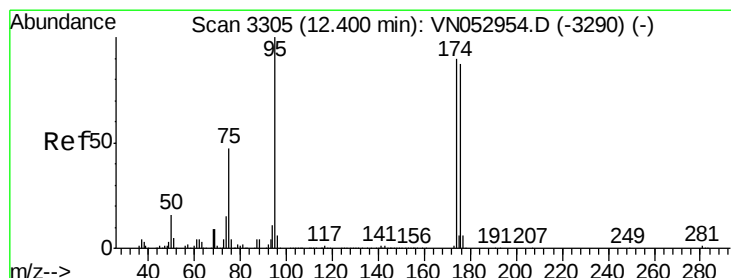
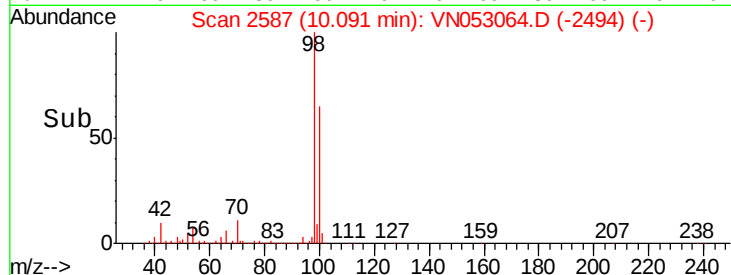
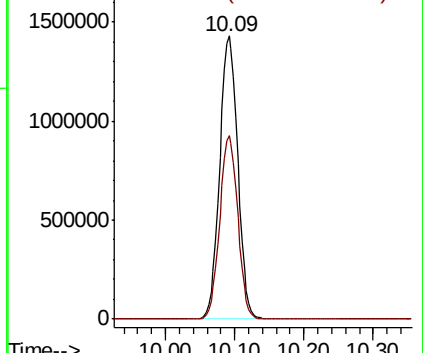
98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053064.D

Acq: 20 Dec 2018 18:35

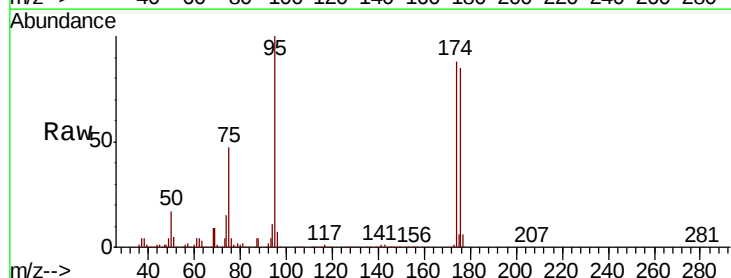
Tgt Ion: 95 Resp: 839795

Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.8

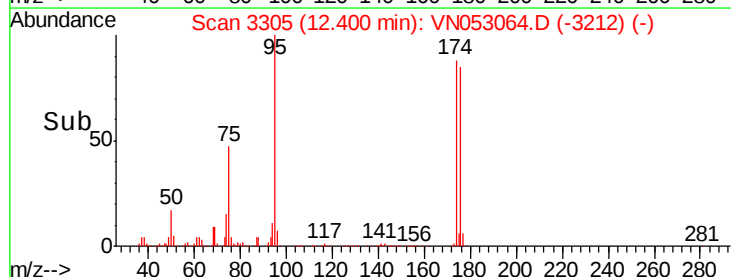
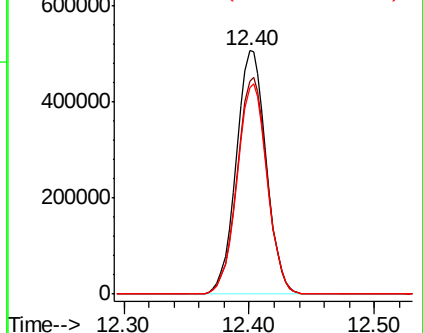
176 86.5 0.0 173.8

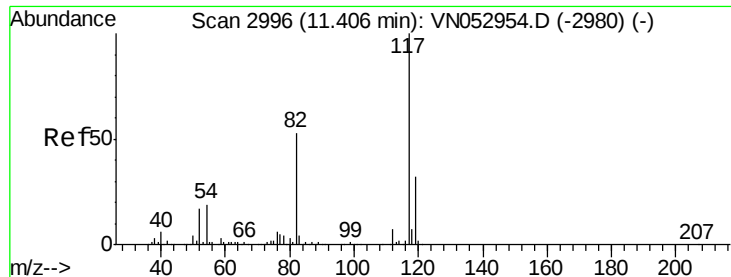


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

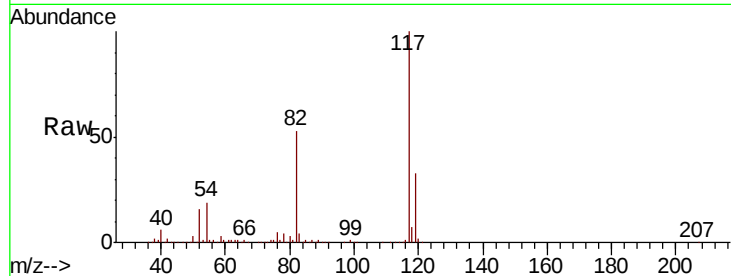




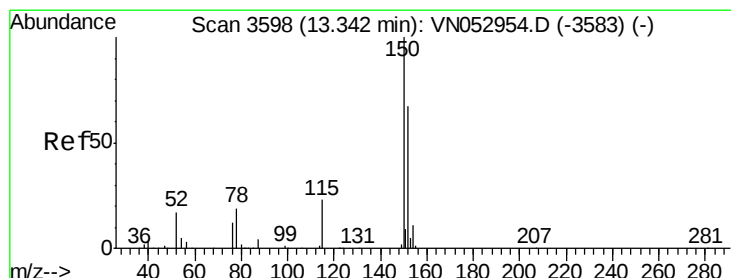
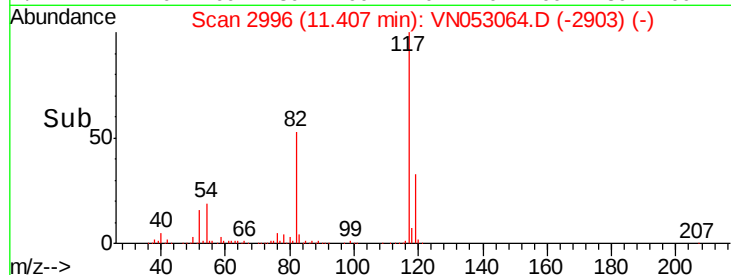
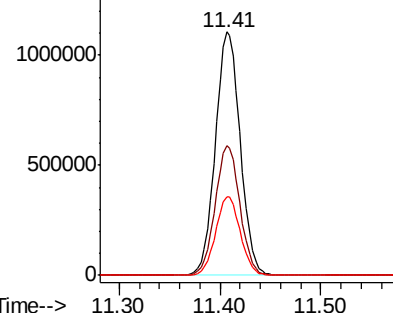
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053064.D
Acq: 20 Dec 2018 18:35

Instrument :
MSVOA_N
ClientSampleId :
PB115868ZHE#04

Tot Ion:117 Resp: 1894954
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 32.5 25.5 38.3

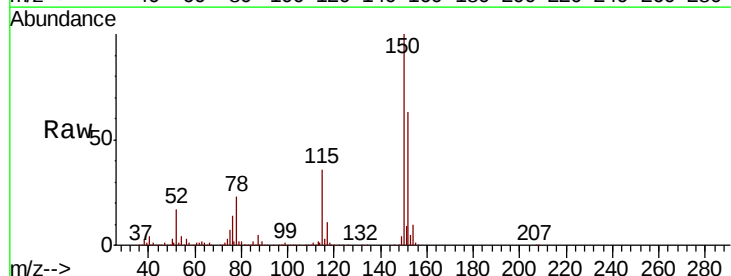


Abundance Ion 116.90 (116.60 to 117.60): V
1500000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053064.D
Acq: 20 Dec 2018 18:35

Tgt Ion:152 Resp: 750274
Ion Ratio Lower Upper
152 100
115 56.9 28.3 85.0
150 157.5 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

