

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053634.D
 Acq On : 6 Feb 2019 14:56
 Operator : JC/SP
 Sample : PB116860ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860ZHE#07

Quant Time: Feb 07 04:26:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

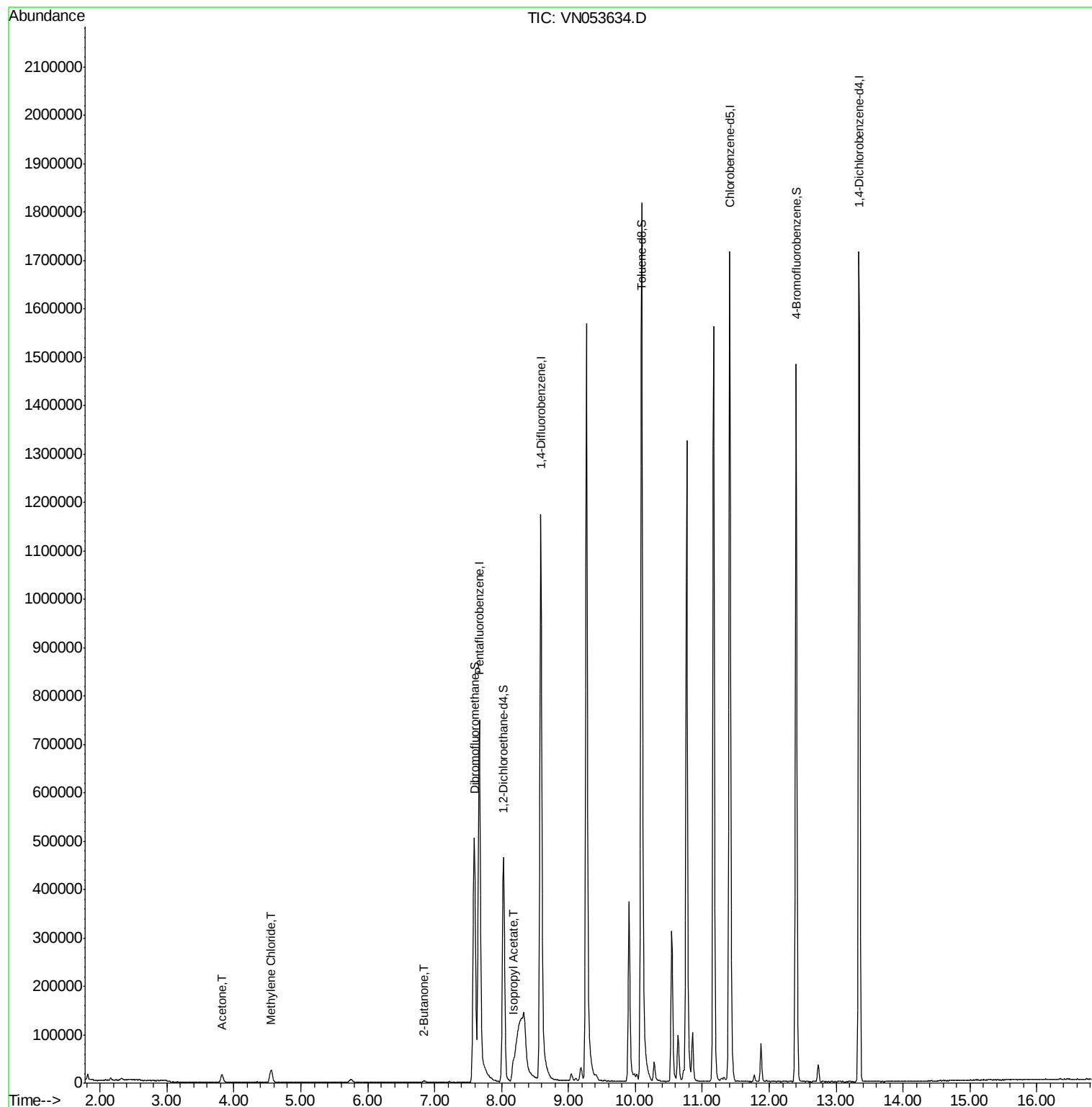
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	746454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1248738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1164095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	511682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	402535	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
35) Dibromofluoromethane	7.59	113	396851	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.09	98	1514272	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	521062	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
Target Compounds						
16) Acetone	3.82	43	27494	14.314	ug/l	100
20) Methylene Chloride	4.55	84	19852	2.463	ug/l	94
25) 2-Butanone	6.84	43	5072	1.851	ug/l	94
43) Isopropyl Acetate	8.17	43	38073	3.136	ug/l #	77

(#) = 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: VN053634.D

Acq: 6 Feb 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

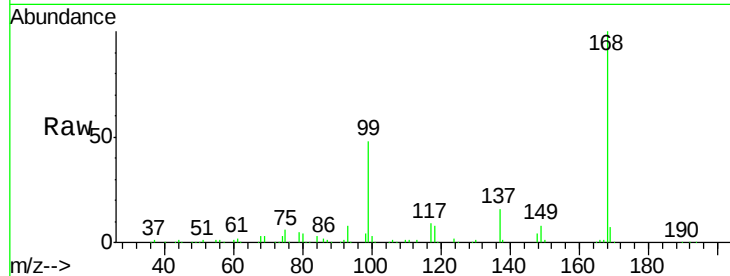
PB116860ZHE#07

Tot Ion:168 Resp: 746454

Ion Ratio Lower Upper

168 100

99 48.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053634.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053634.D (-1740) (-)

7.67

300000

250000

200000

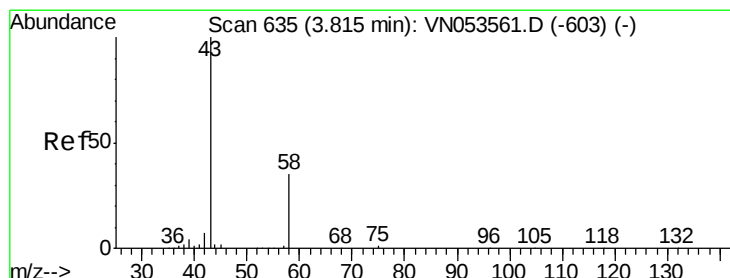
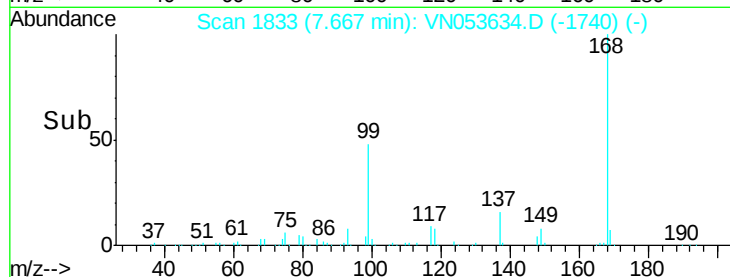
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 14.314 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053634.D

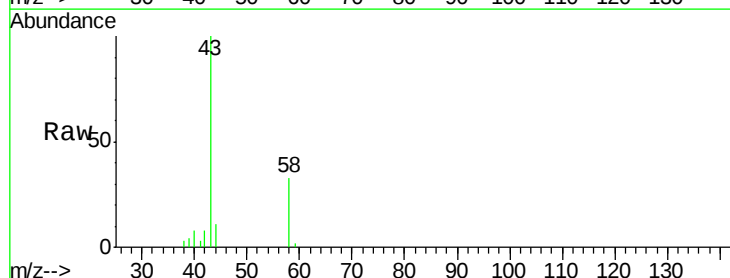
Acq: 6 Feb 2019 14:56

Tgt Ion: 43 Resp: 27494

Ion Ratio Lower Upper

43 100

58 33.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053634.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053634.D (-542) (-)

3.82

12000

10000

8000

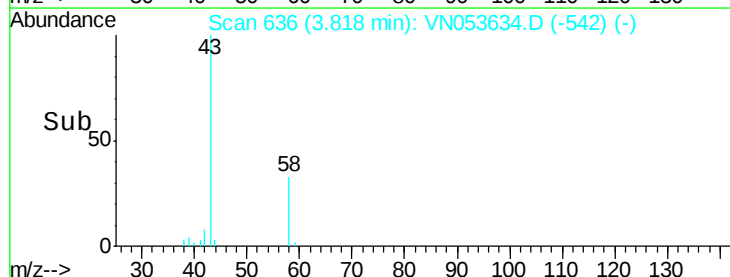
6000

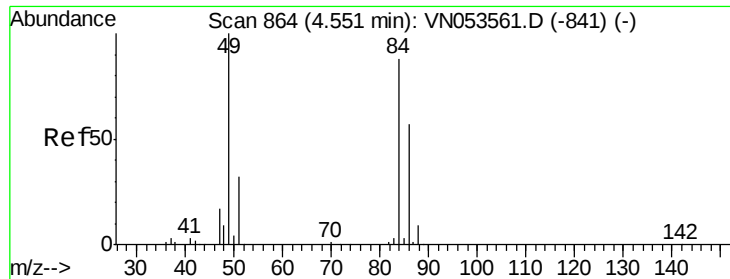
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

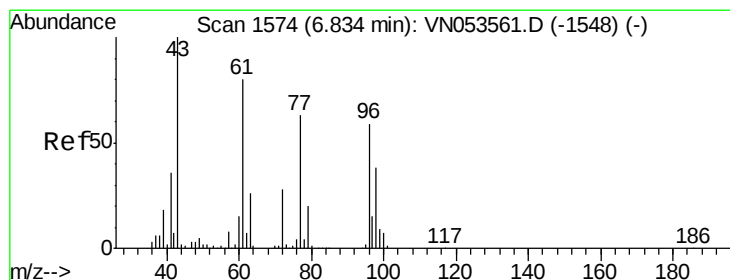
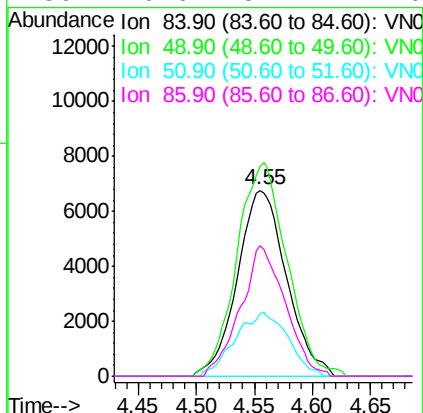
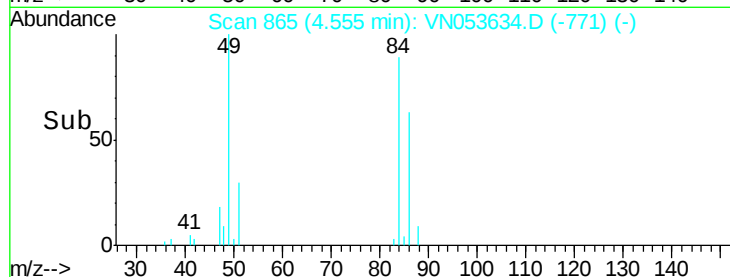
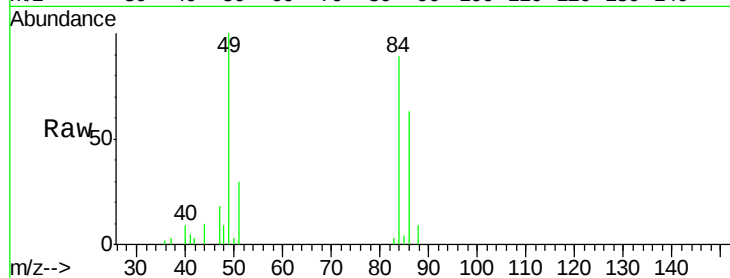




#20
Methvlene Chloride
Concen: 2.463 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053634.D
Acq: 6 Feb 2019 14:56

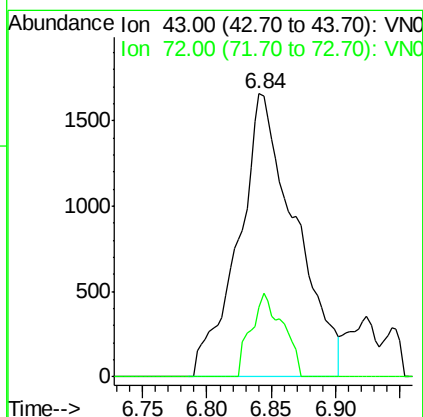
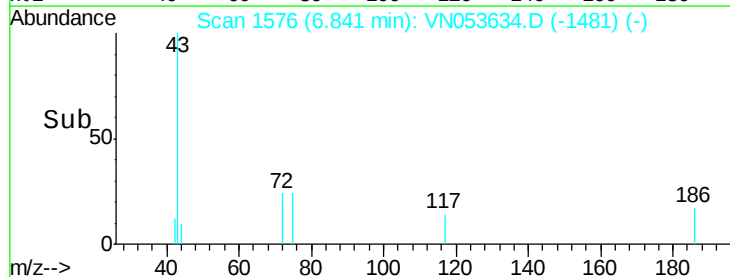
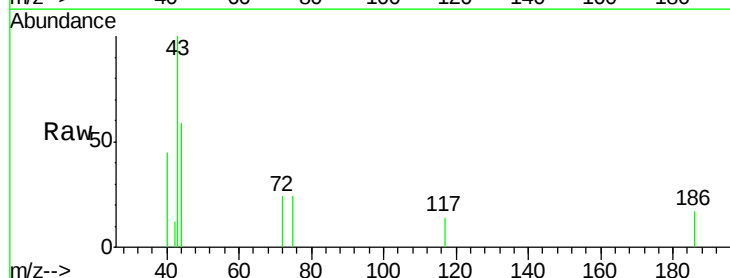
Instrument :
MSVOA_N
ClientSampleId :
PB116860ZHE#07

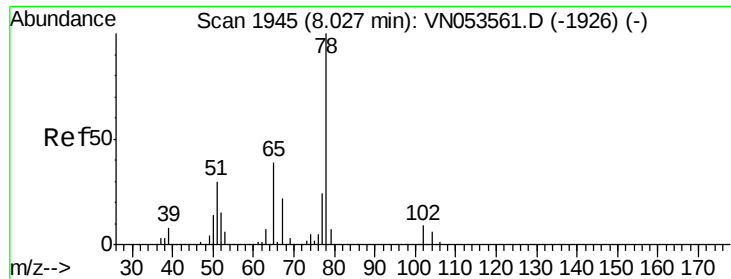
Tot Ion:	84	Resp:	19852
Ion	Ratio	Lower	Upper
84	100		
49	112.8	94.3	141.5
51	33.5	29.4	44.2
86	70.6	51.4	77.0



#25
2-Butanone
Concen: 1.851 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053634.D
Acq: 6 Feb 2019 14:56

Tgt Ion:	43	Resp:	5072
Ion	Ratio	Lower	Upper
43	100		
72	24.5	22.0	33.0

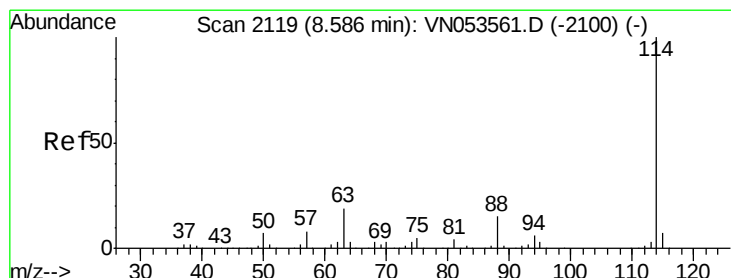
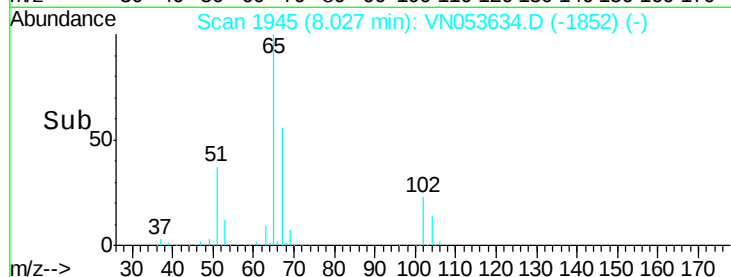
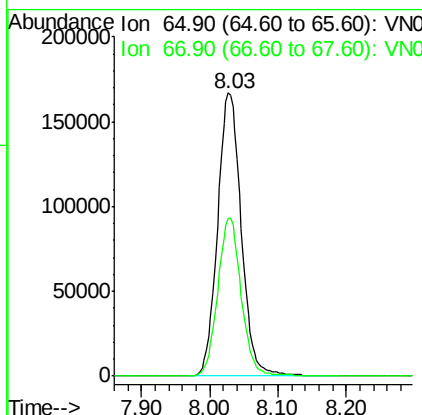
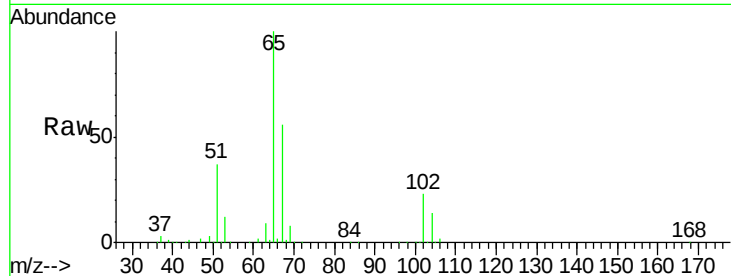




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053634.D
 Acq: 6 Feb 2019 14:56

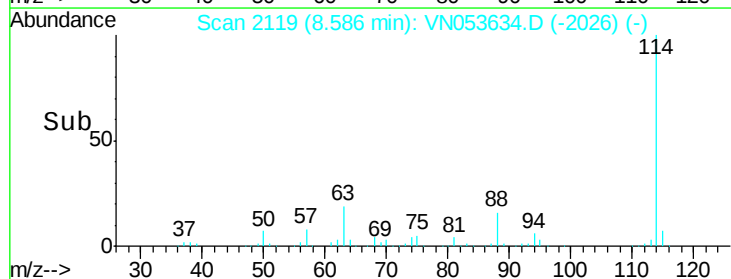
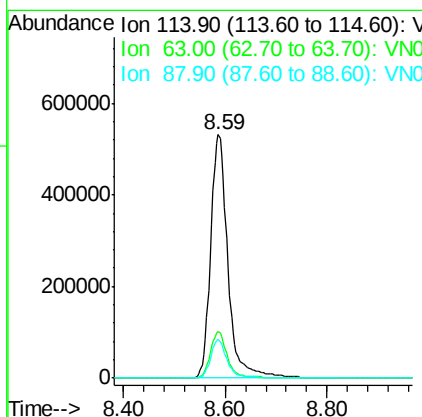
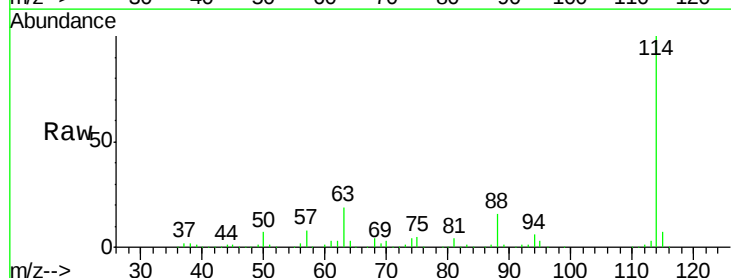
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860ZHE#07

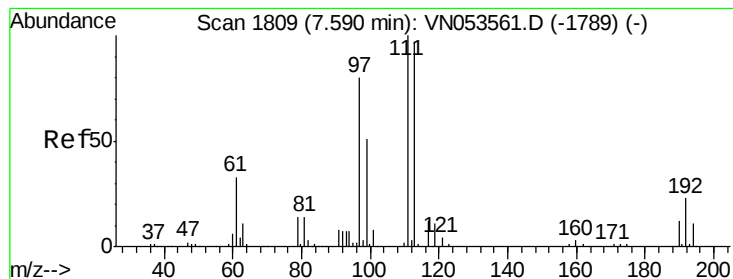
Tot Ion: 65 Resp: 402535
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053634.D
 Acq: 6 Feb 2019 14:56

Tgt Ion: 114 Resp: 1248738
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053634.D

Acq: 6 Feb 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#07

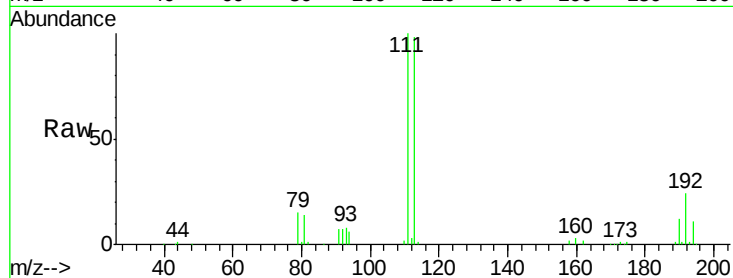
Tot Ion:113 Resp: 396851

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

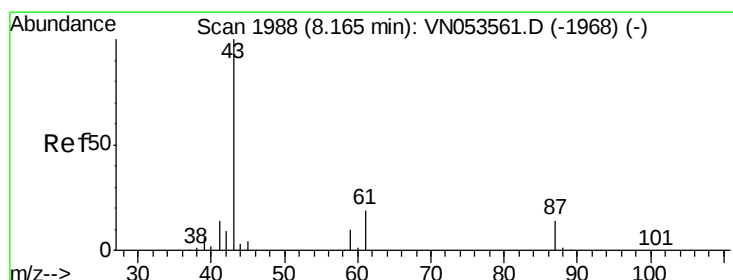
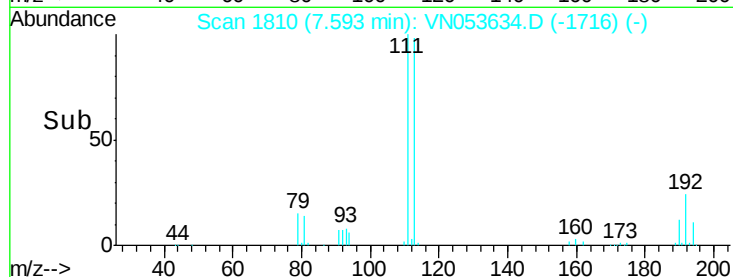
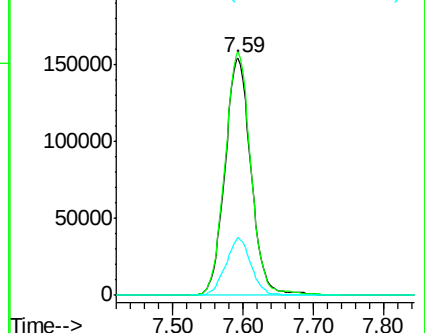
192 23.6 18.2 27.2



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: 3.136 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053634.D

Acq: 6 Feb 2019 14:56

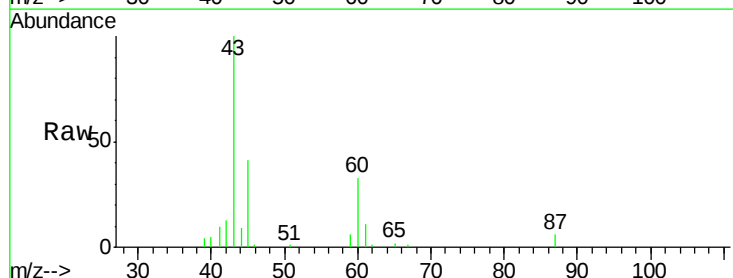
Tgt Ion: 43 Resp: 38073

Ion Ratio Lower Upper

43 100

61 14.0 23.9 35.9#

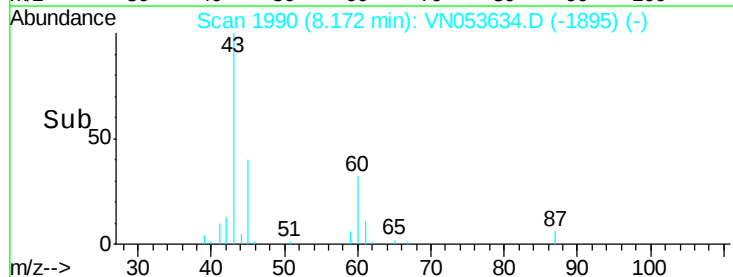
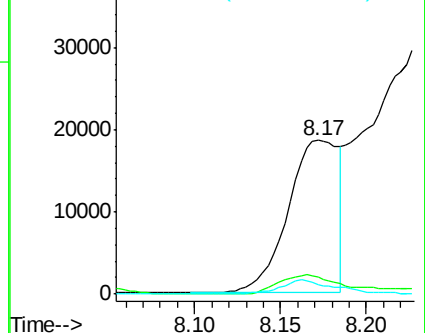
87 9.6 11.0 16.6#

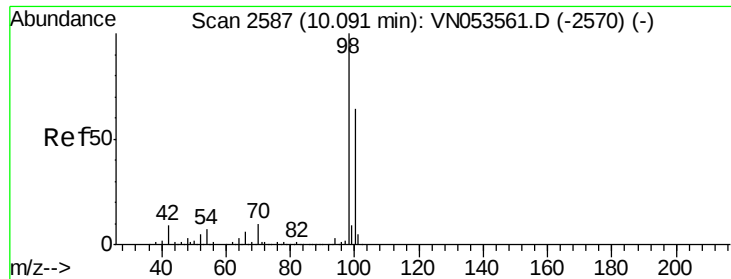


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: VN053634.D

Acq: 6 Feb 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

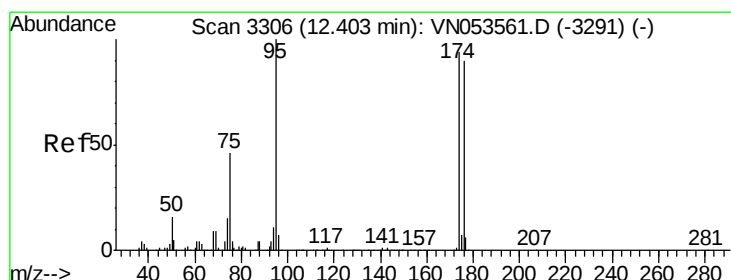
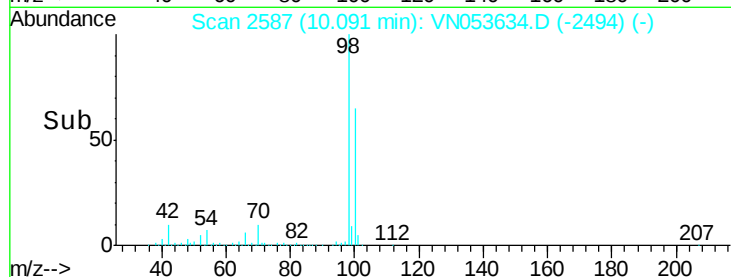
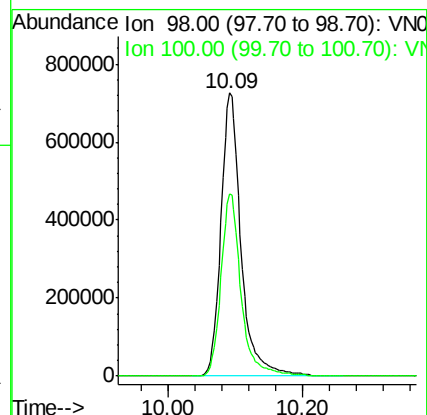
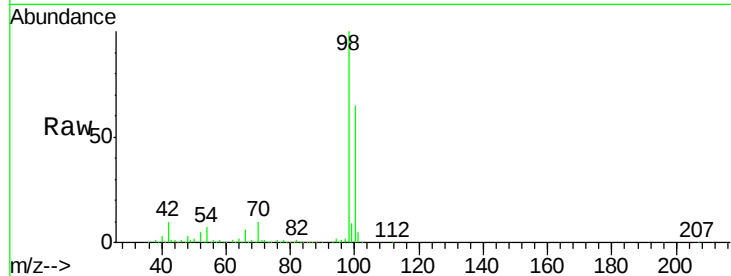
PB116860ZHE#07

Tot Ion: 98 Resp: 1514272

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053634.D

Acq: 6 Feb 2019 14:56

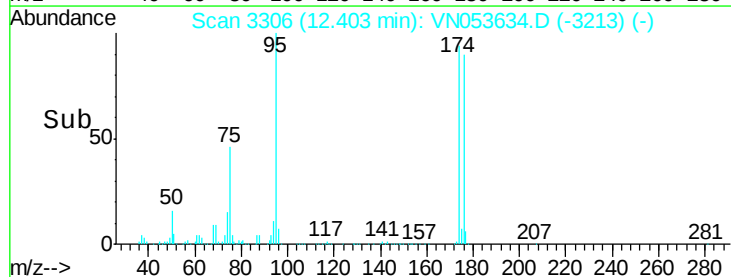
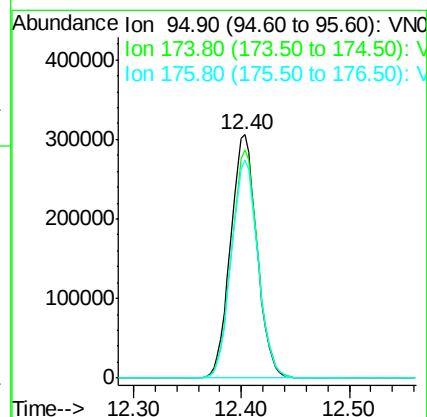
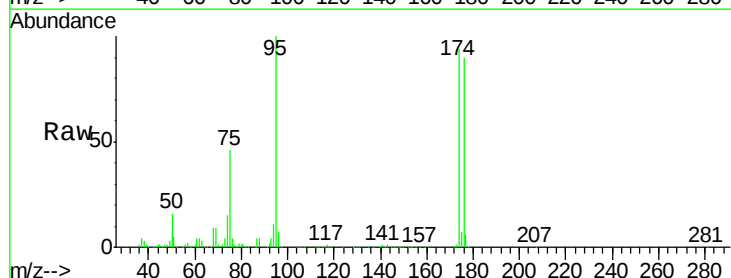
Tgt Ion: 95 Resp: 521062

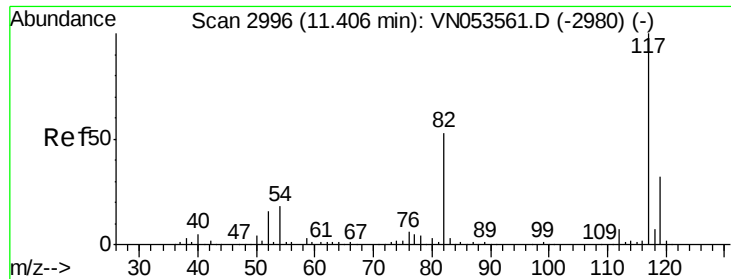
Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.2

176 90.4 0.0 177.4

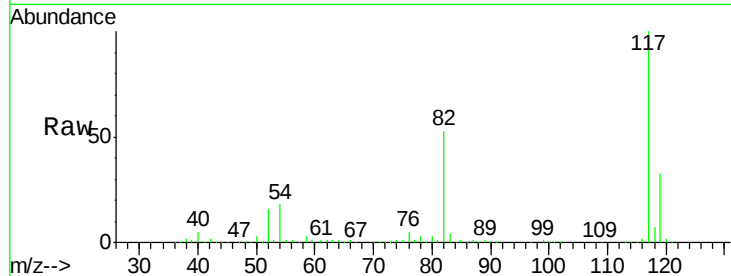




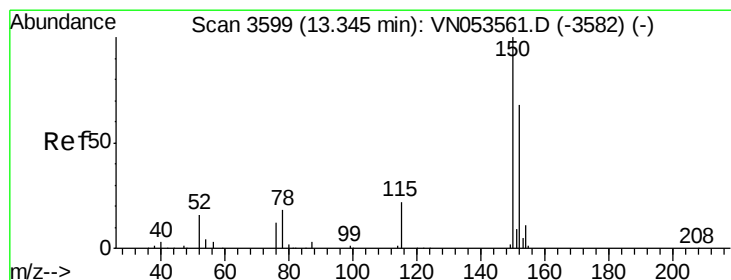
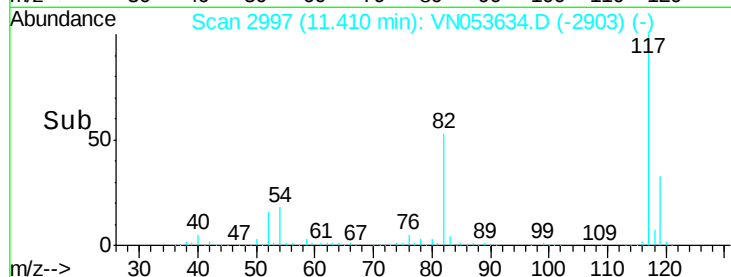
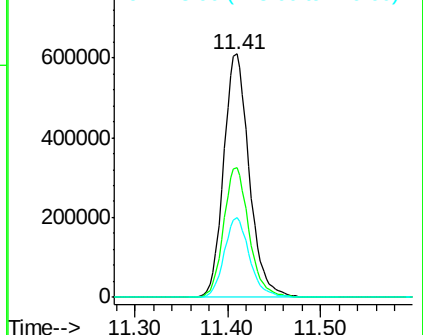
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053634.D
Acq: 6 Feb 2019 14:56

Instrument :
MSVOA_N
ClientSampleId :
PB116860ZHE#07

Tot Ion:117 Resp: 1164095
Ion Ratio Lower Upper
117 100
82 53.2 42.9 64.3
119 32.5 26.0 39.0

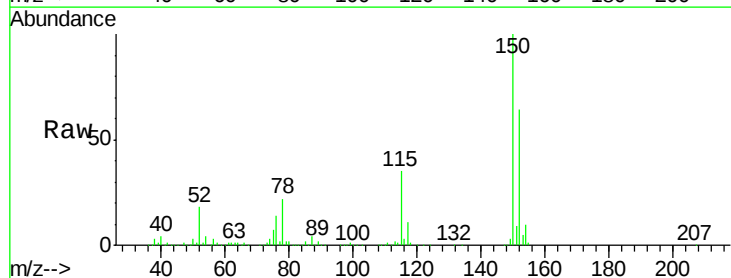


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053634.D
Acq: 6 Feb 2019 14:56

Tgt Ion:152 Resp: 511682
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 156.4 0.0 349.0



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

