

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053262.D
 Acq On : 3 Jan 2019 15:10
 Operator : MD\SY
 Sample : PB116111ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#07

Quant Time: Jan 04 07:28:18 2019
 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

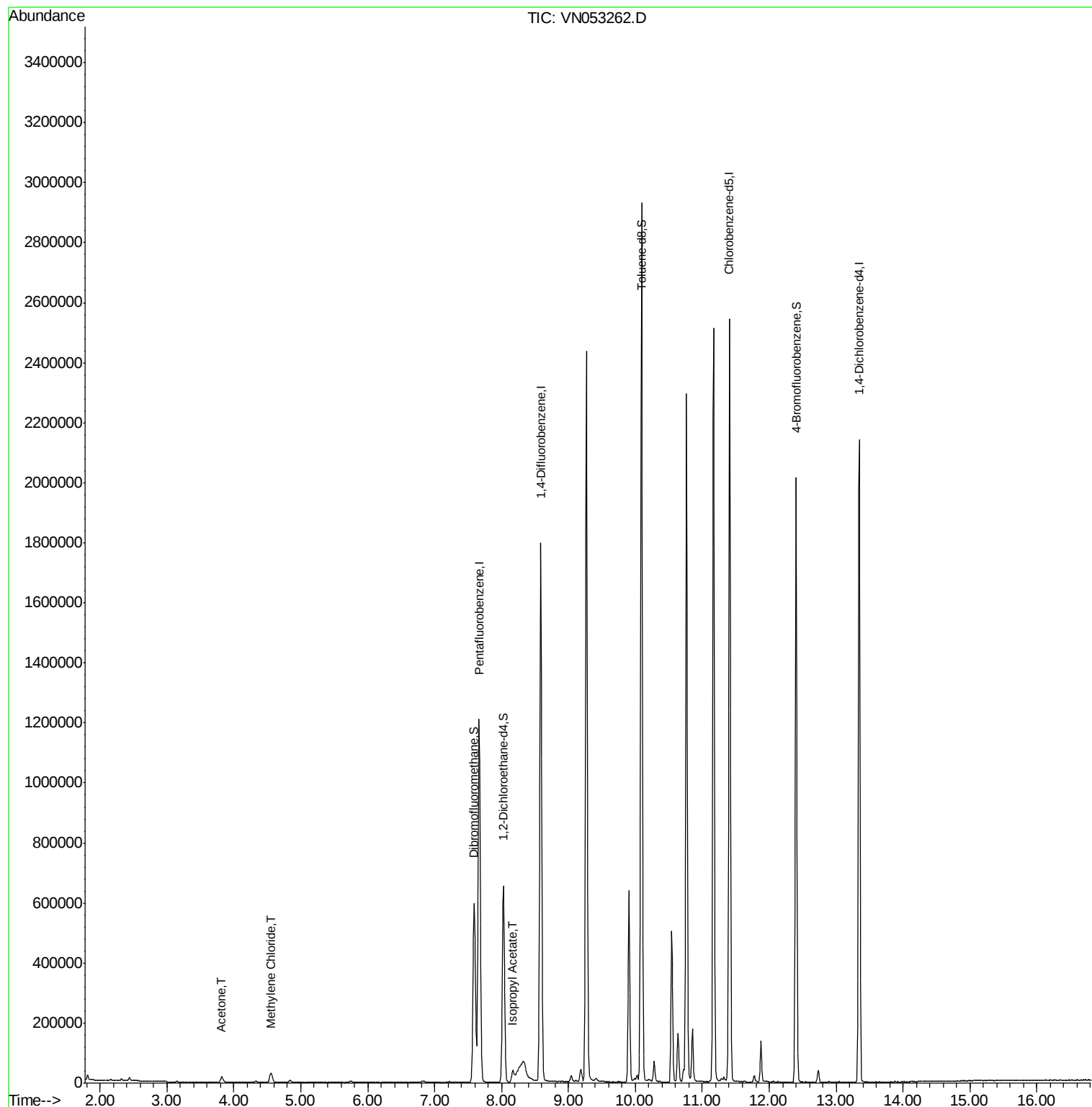
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1078073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1680886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1549323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	627723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	538059	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
35) Dibromofluoromethane	7.59	113	470191	61.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.48%	
50) Toluene-d8	10.09	98	2071924	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.40	95	698779	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
16) Acetone	3.82	43	33515	15.624	ug/l	95
20) Methylene Chloride	4.56	84	24044	2.055	ug/l	94
43) Isopropyl Acetate	8.17	43	55738	2.199	ug/l #	81

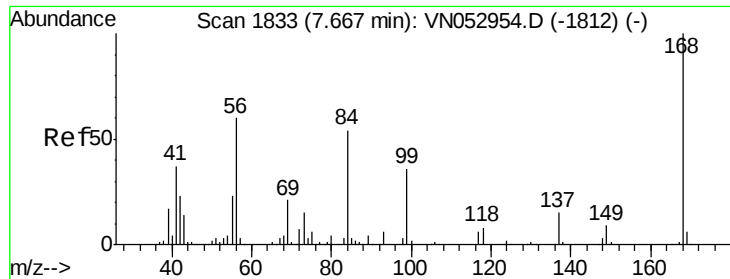
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053262.D

Acq: 3 Jan 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

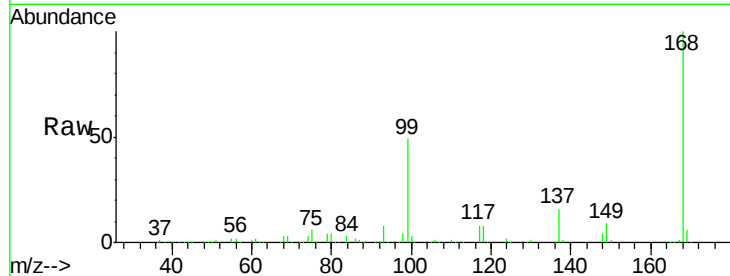
PB116111ZHE#07

Tot Ion:168 Resp: 1078073

Ion Ratio Lower Upper

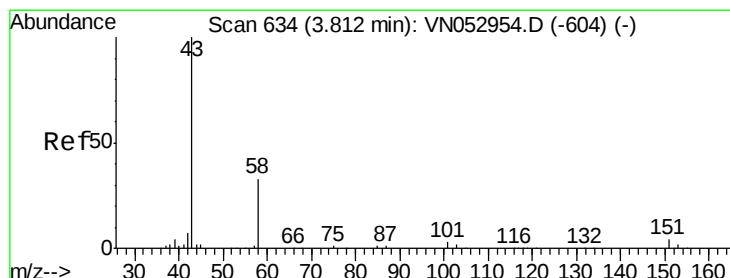
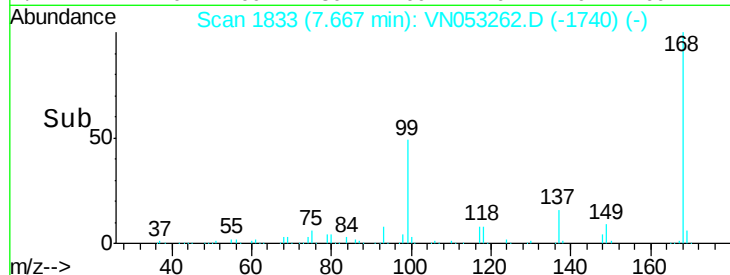
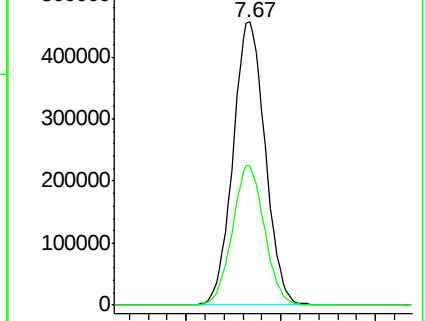
168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 15.624 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053262.D

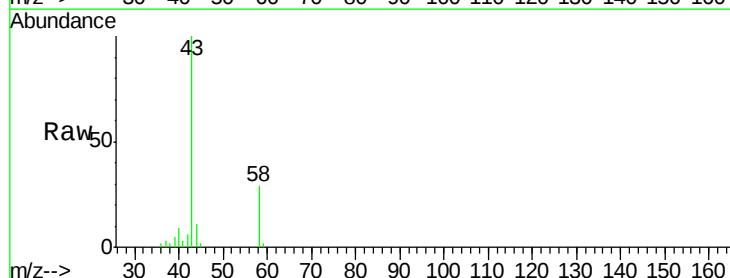
Acq: 3 Jan 2019 15:10

Tgt Ion: 43 Resp: 33515

Ion Ratio Lower Upper

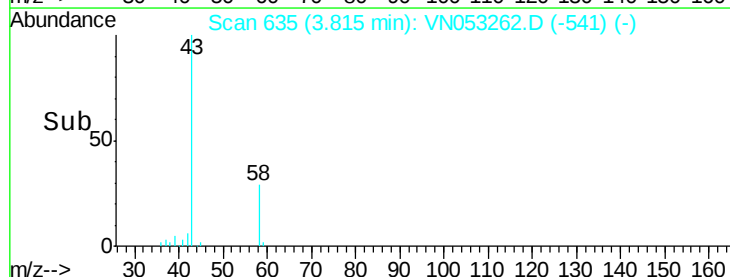
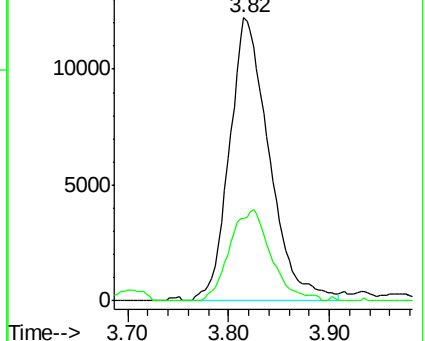
43 100

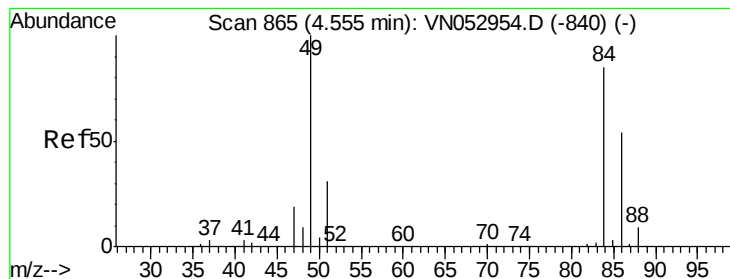
58 29.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 2.055 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN053262.D

Acq: 3 Jan 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#07

Tot Ion: 84 Resp: 24044

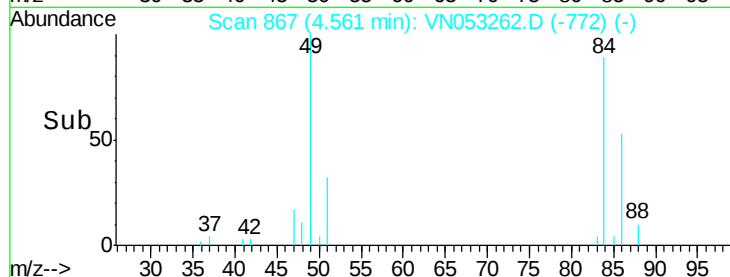
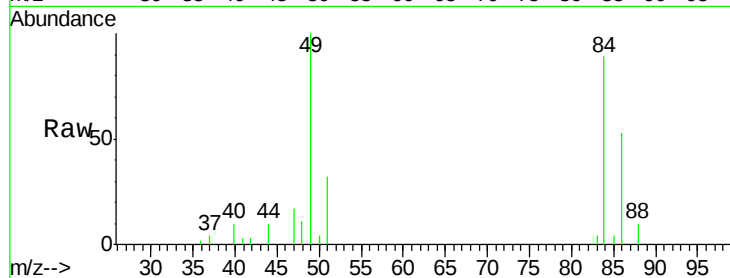
Ion Ratio Lower Upper

84 100

49 113.0 96.8 145.2

51 36.5 29.9 44.9

86 59.5 51.8 77.6

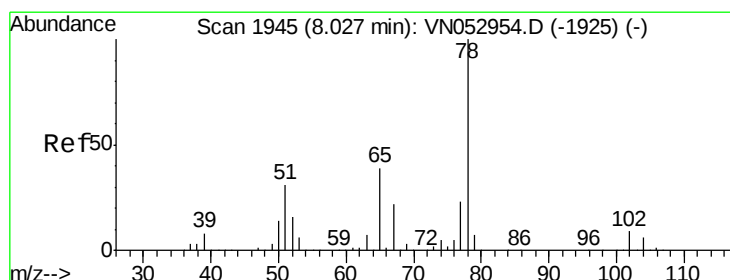
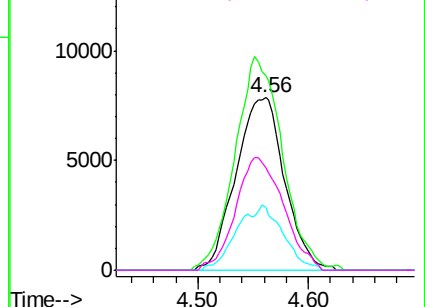


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053262.D

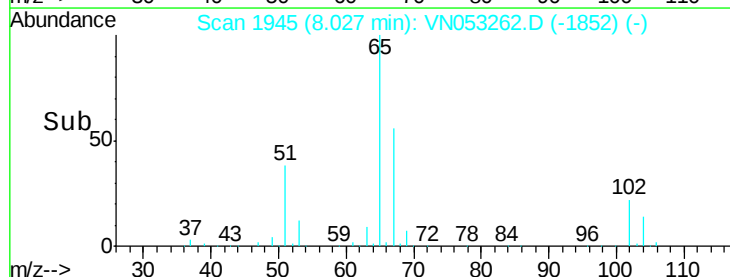
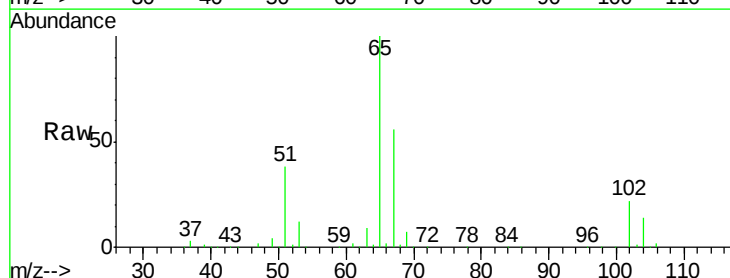
Acq: 3 Jan 2019 15:10

Tgt Ion: 65 Resp: 538059

Ion Ratio Lower Upper

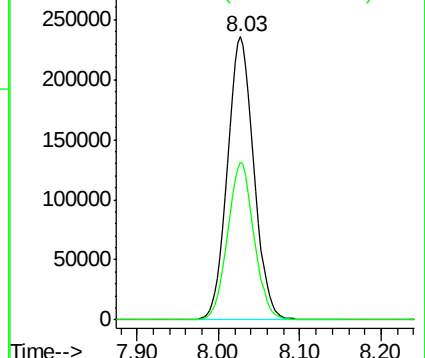
65 100

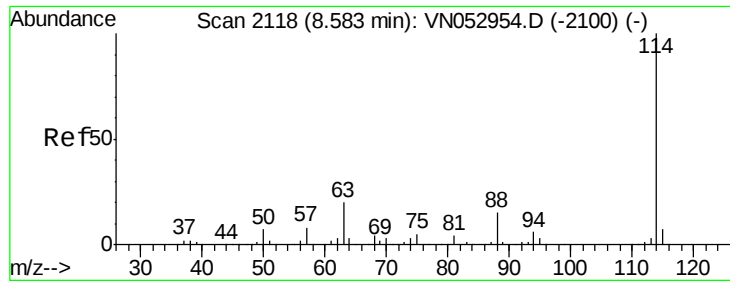
67 55.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

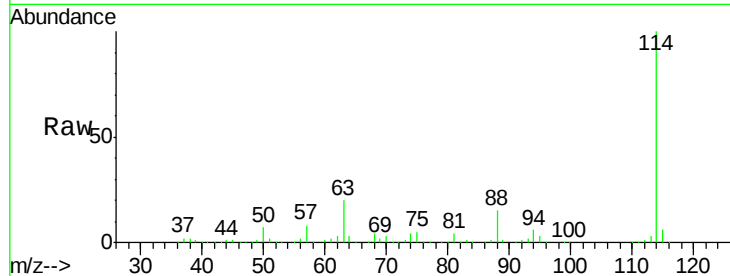




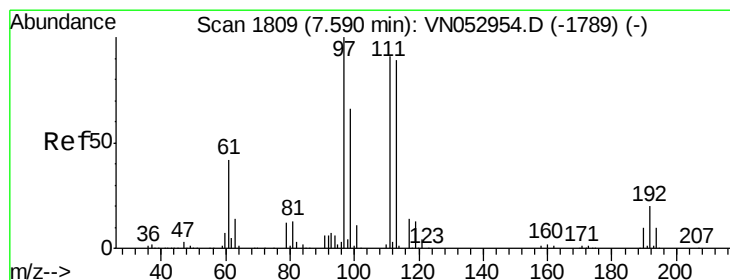
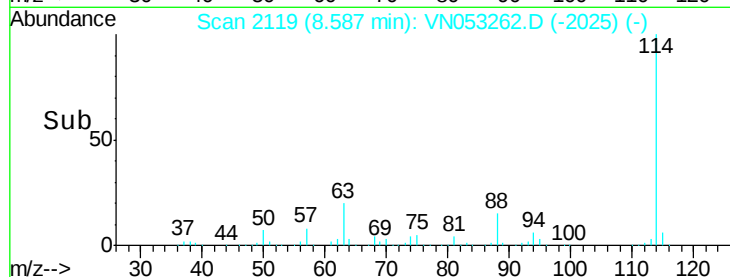
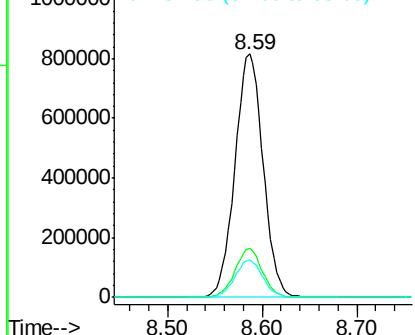
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053262.D
 Acq: 3 Jan 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#07

Tot Ion:114 Resp: 1680886
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.2 0.0 31.0

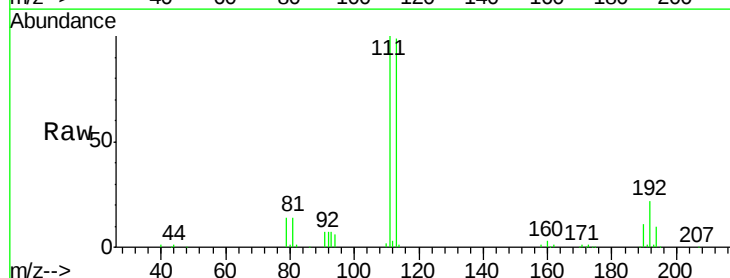


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

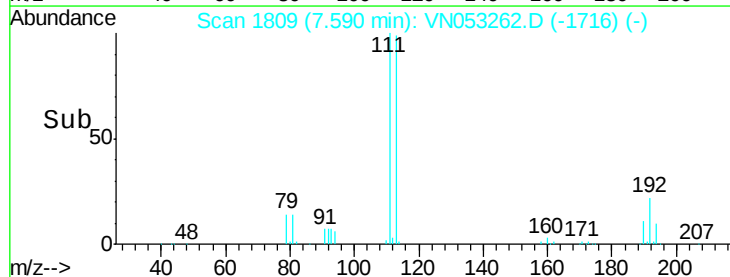
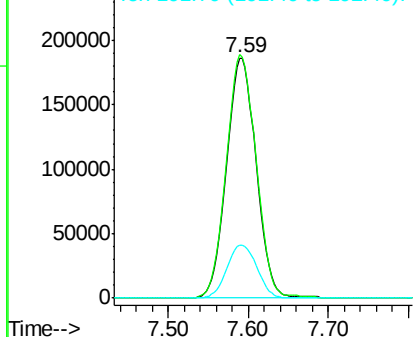


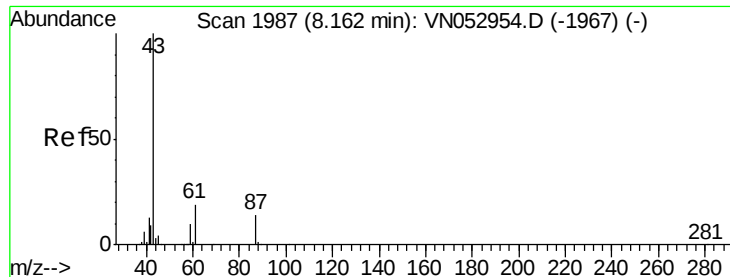
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053262.D
 Acq: 3 Jan 2019 15:10

Tgt Ion:113 Resp: 470191
 Ion Ratio Lower Upper
 113 100
 111 101.3 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

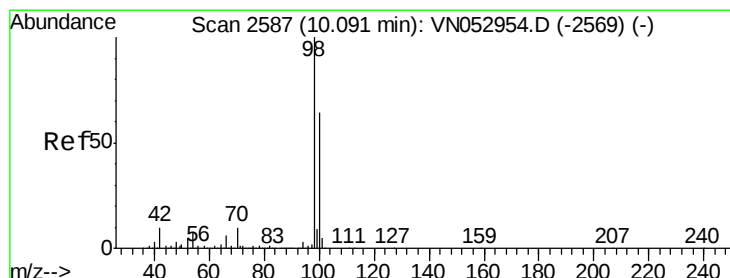
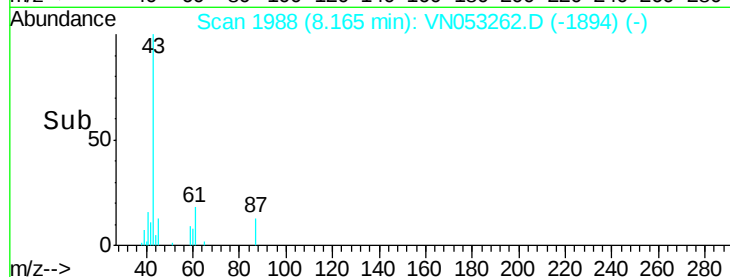
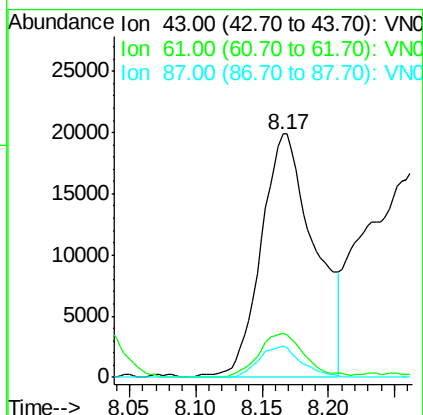
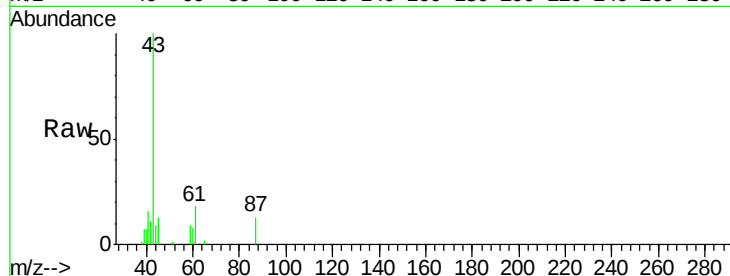




#43
Isopropyl Acetate
Concen: 2.199 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053262.D
Acq: 3 Jan 2019 15:10

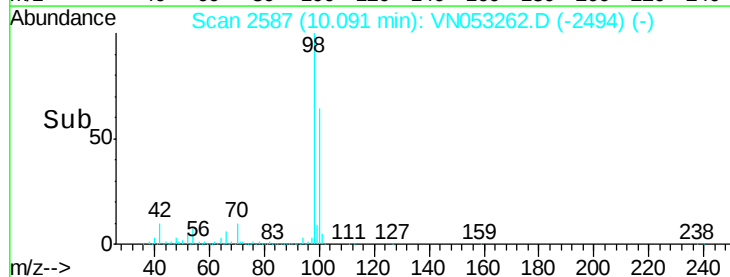
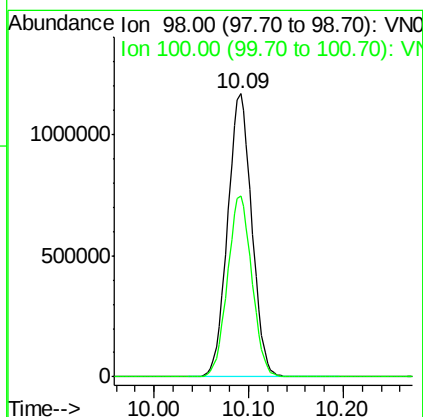
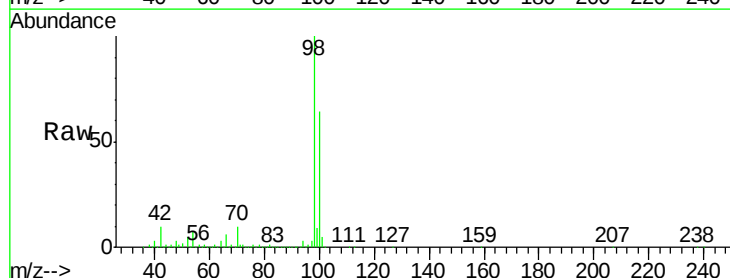
Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#07

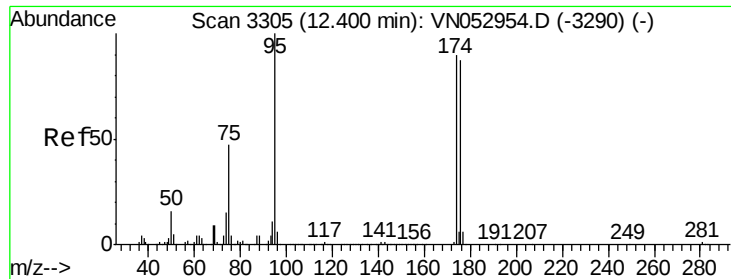
Tot Ion: 43 Resp: 55738
Ion Ratio Lower Upper
43 100
61 15.6 22.9 34.3#
87 10.1 10.6 15.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053262.D
Acq: 3 Jan 2019 15:10

Tgt Ion: 98 Resp: 2071924
Ion Ratio Lower Upper
98 100
100 64.3 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: VN053262.D

Acq: 3 Jan 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#07

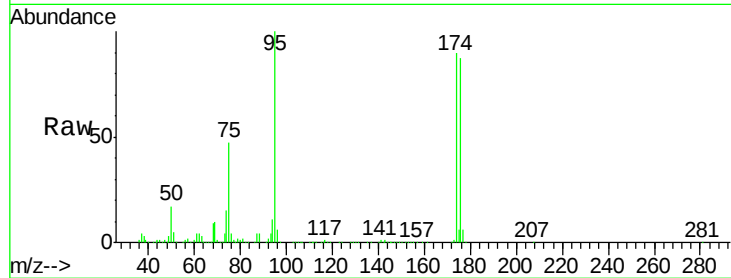
Tot Ion: 95 Resp: 698779

Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.8

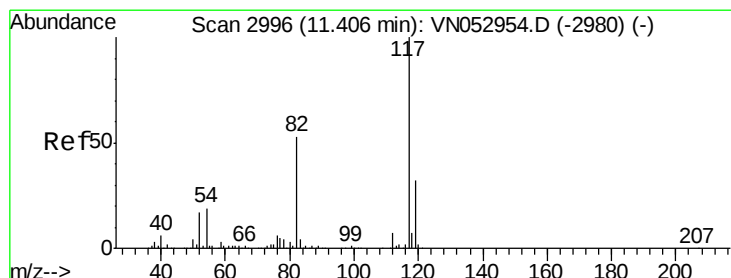
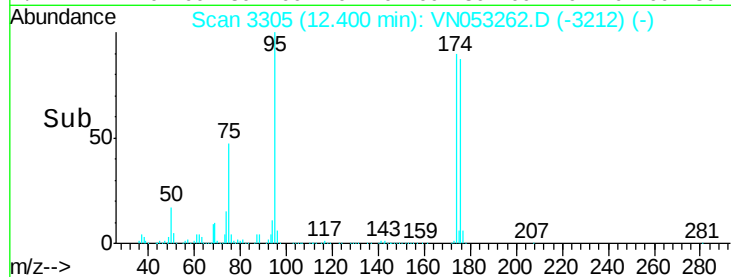
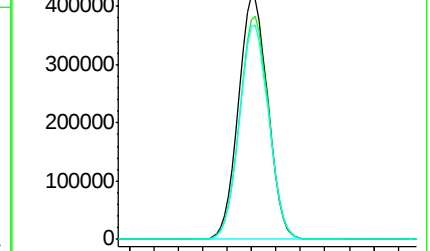
176 87.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053262.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053262.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053262.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053262.D

Acq: 3 Jan 2019 15:10

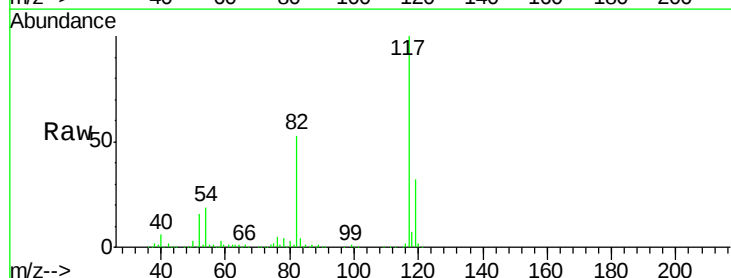
Tgt Ion: 117 Resp: 1549323

Ion Ratio Lower Upper

117 100

82 53.4 42.8 64.2

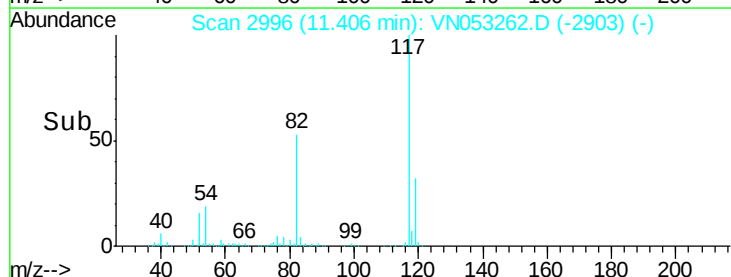
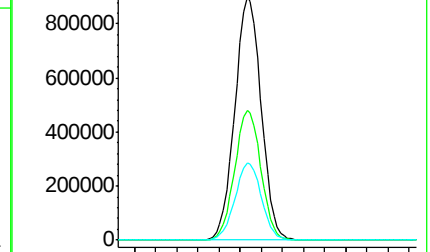
119 31.6 25.5 38.3

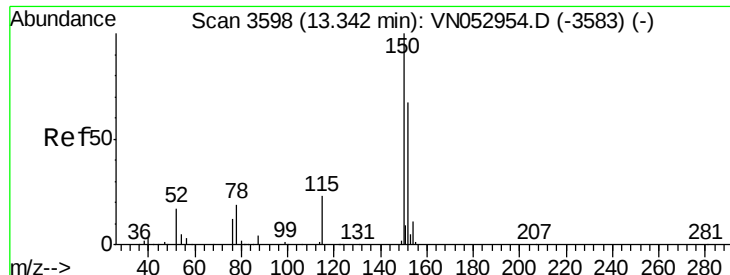


Abundance Ion 116.90 (116.60 to 117.60): VN053262.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053262.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053262.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053262.D

Acq: 3 Jan 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#07

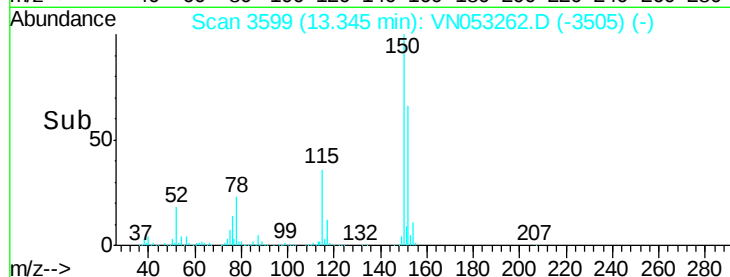
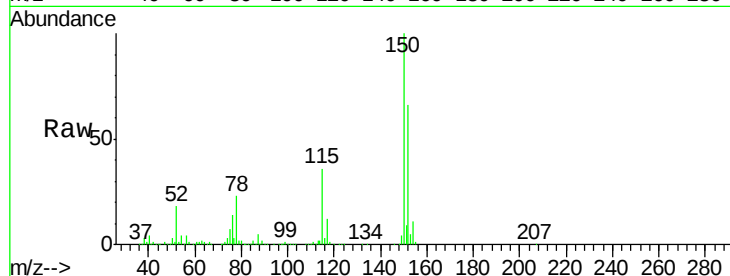
Tot Ion:152 Resp: 627723

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

150 155.2 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

