

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053270.D
 Acq On : 3 Jan 2019 18:44
 Operator : MD\SY
 Sample : PB116111ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#15

Quant Time: Jan 04 07:50:45 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

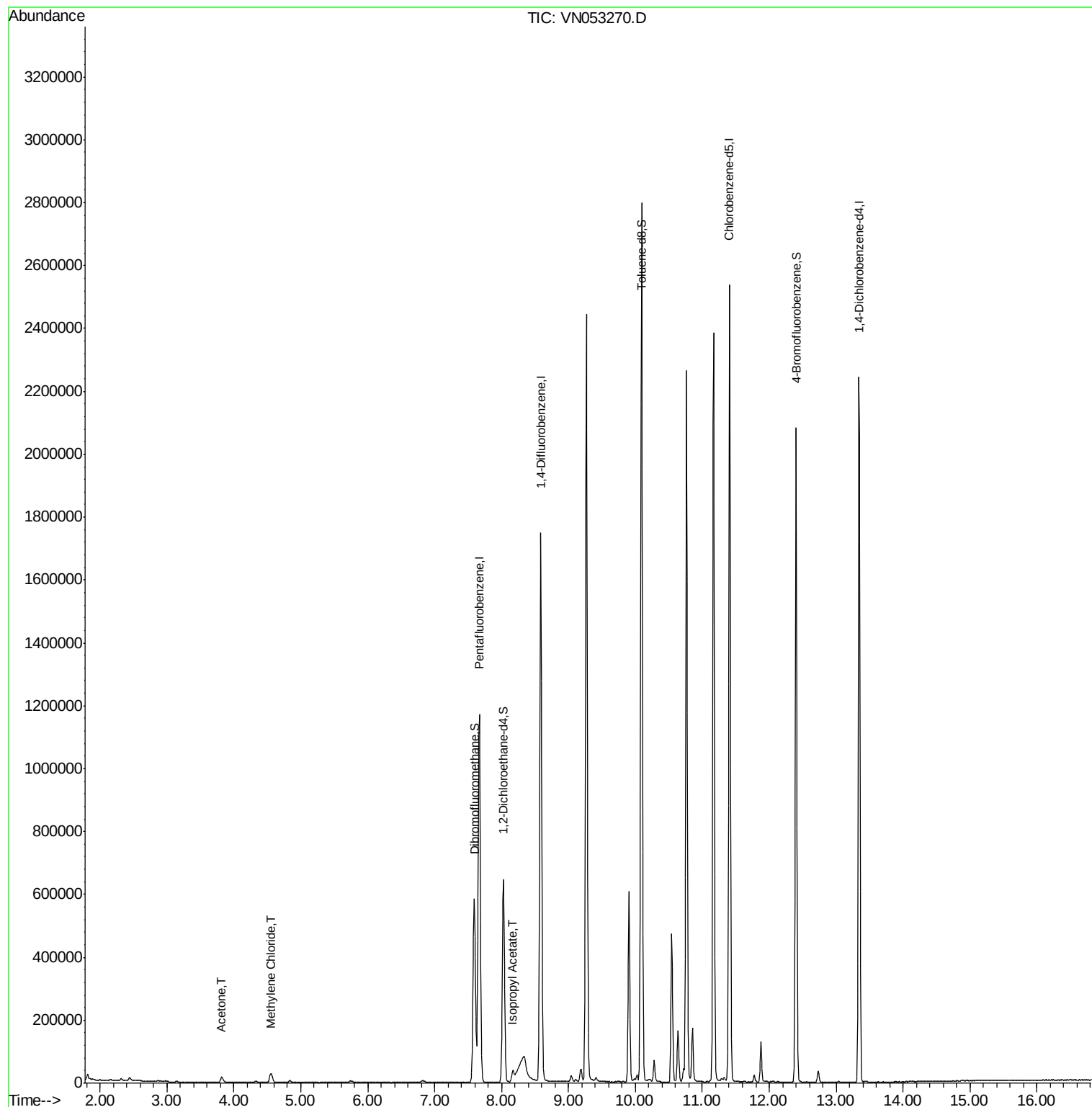
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1034814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1629695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1532889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	653323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	530779	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.59	113	454604	61.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.14%	
50) Toluene-d8	10.09	98	2026115	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	709875	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds						
16) Acetone	3.82	43	32249	15.662	ug/l	99
20) Methylene Chloride	4.55	84	22646	2.016	ug/l	92
43) Isopropyl Acetate	8.17	43	52703	2.119	ug/l #	80

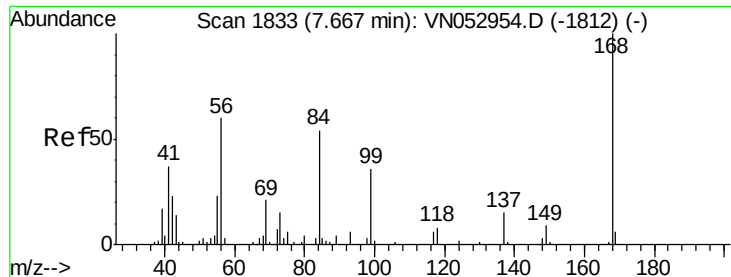
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053270.D

Acq: 3 Jan 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

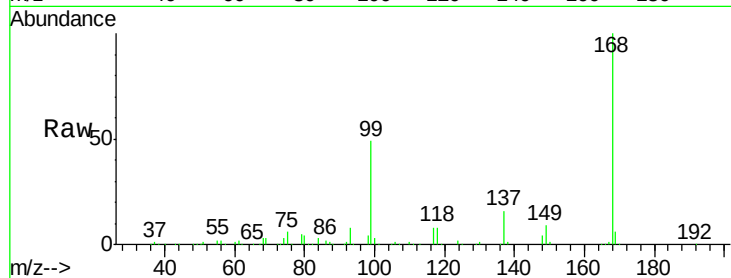
PB116111ZHE#15

Tot Ion:168 Resp: 1034814

Ion Ratio Lower Upper

168 100

99 49.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

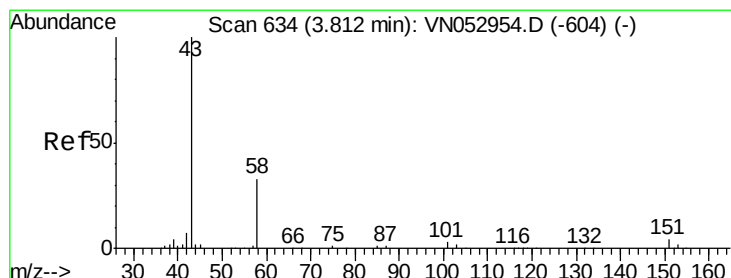
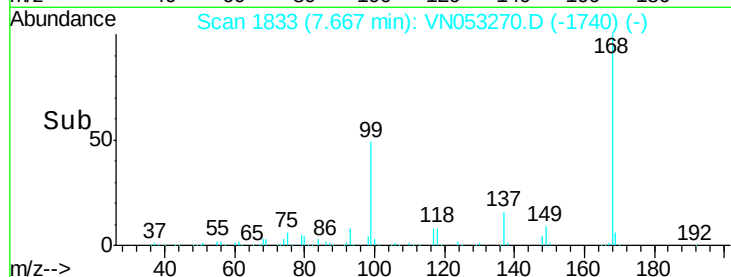
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 15.662 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053270.D

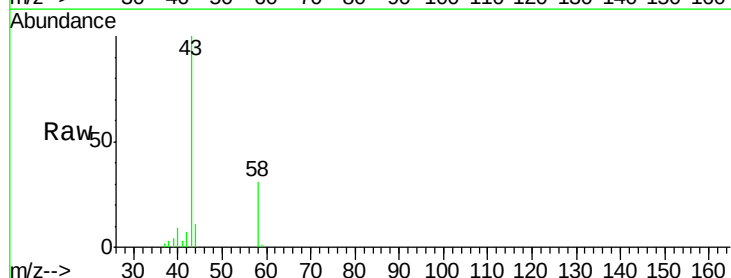
Acq: 3 Jan 2019 18:44

Tgt Ion: 43 Resp: 32249

Ion Ratio Lower Upper

43 100

58 31.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

12000

10000

8000

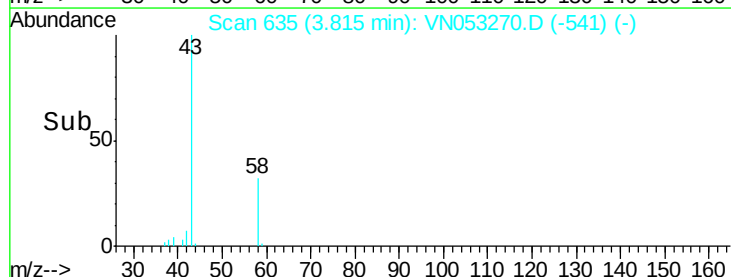
6000

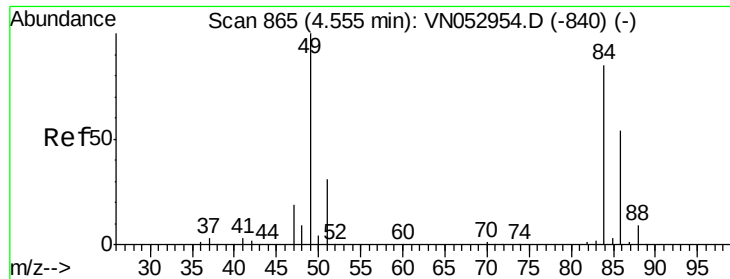
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

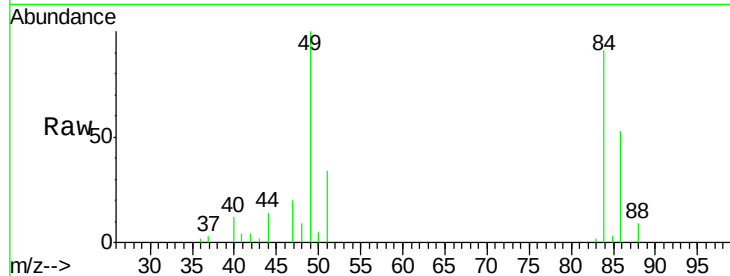




#20
Methylene Chloride
Concen: 2.016 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053270.D
Acq: 3 Jan 2019 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#15

Tot Ion:	84	Resp:	22646
Ion	Ratio	Lower	Upper
84	100		
49	110.5	96.8	145.2
51	37.1	29.9	44.9
86	58.0	51.8	77.6

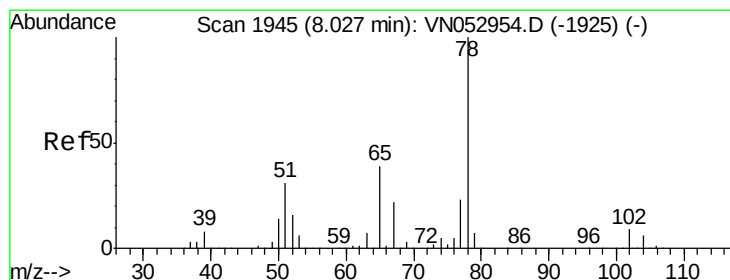
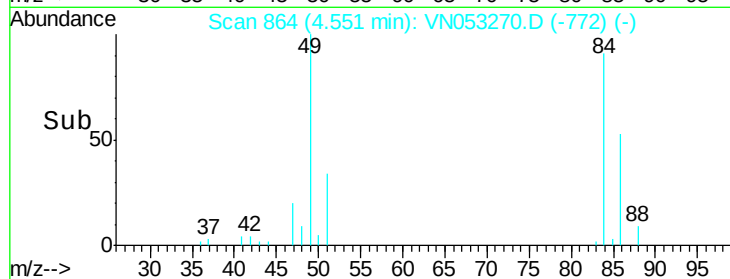
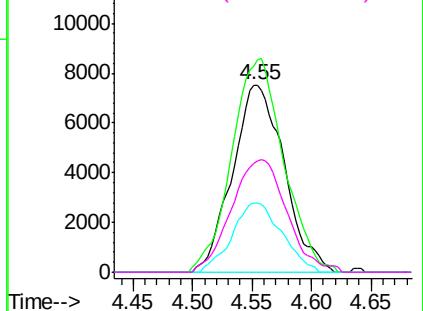


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

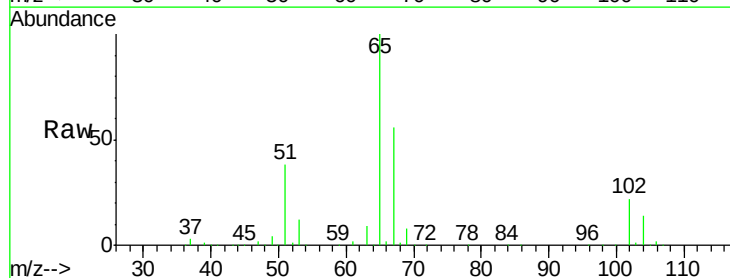
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



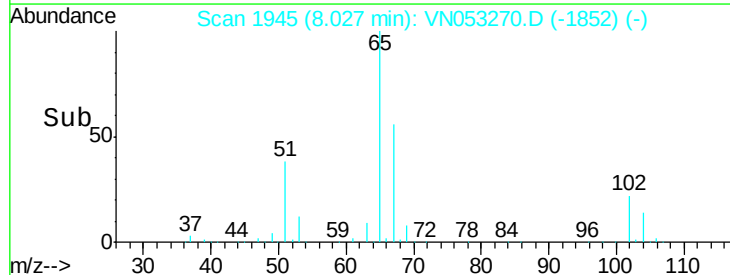
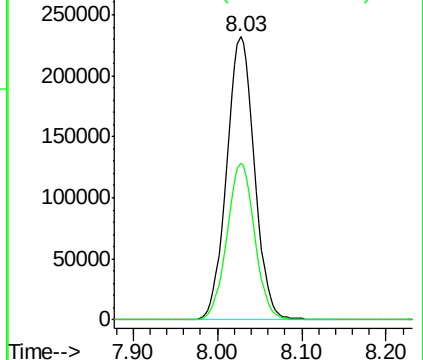
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053270.D
Acq: 3 Jan 2019 18:44

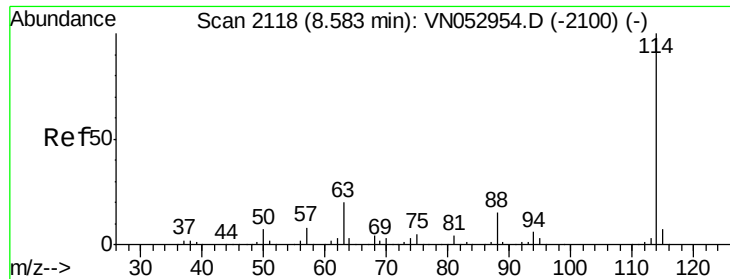
Tgt Ion:	65	Resp:	530779
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

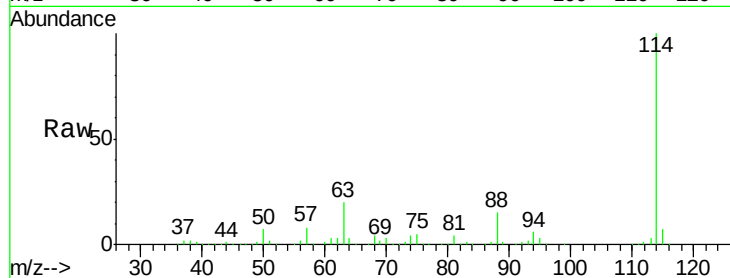




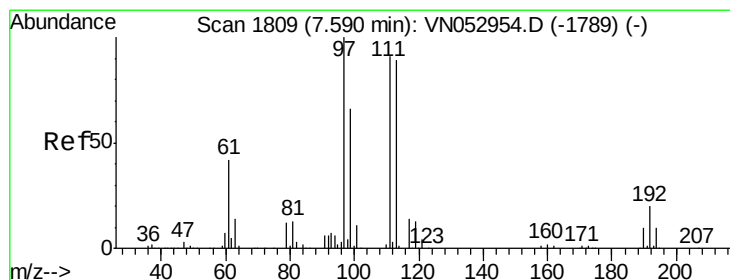
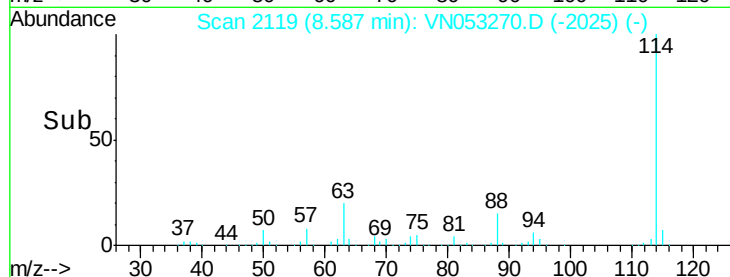
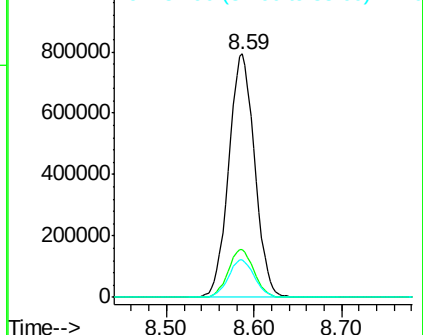
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053270.D
 Acq: 3 Jan 2019 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#15

Tot Ion:114 Resp: 1629695
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.4 0.0 31.0

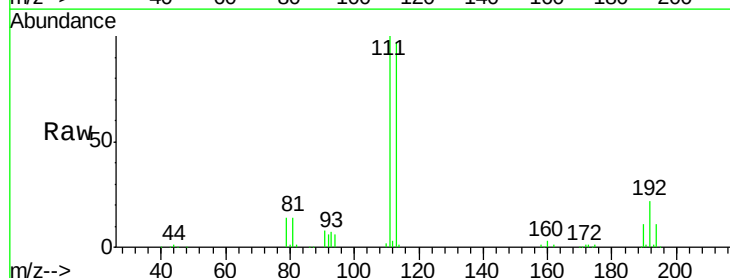


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

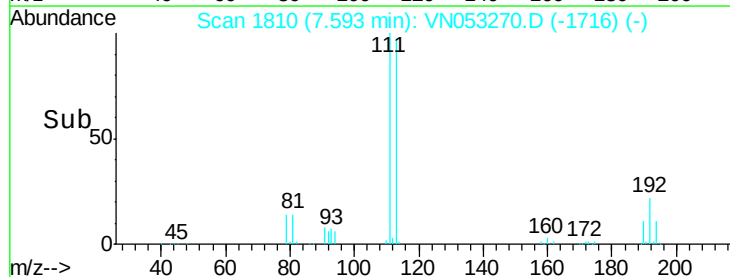
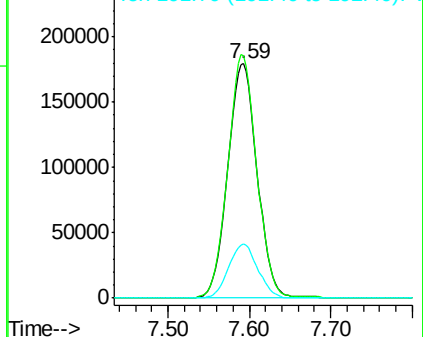


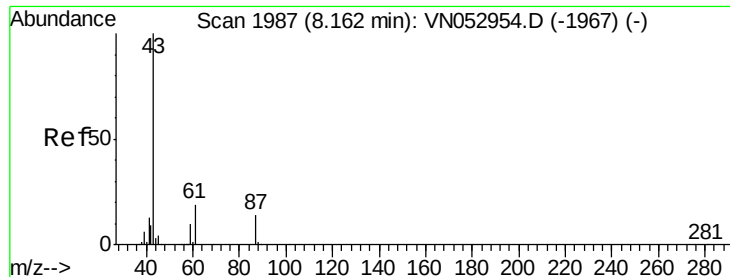
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053270.D
 Acq: 3 Jan 2019 18:44

Tgt Ion:113 Resp: 454604
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.0 124.4
 192 22.9 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: 2.119 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053270.D

Acq: 3 Jan 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#15

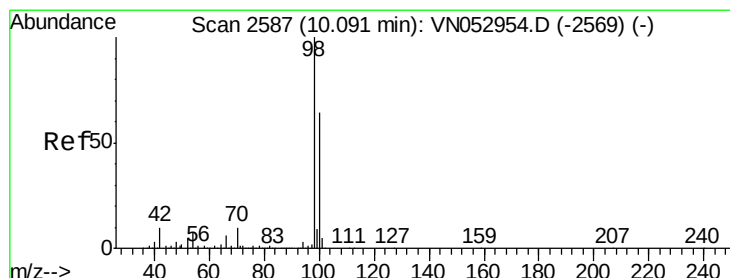
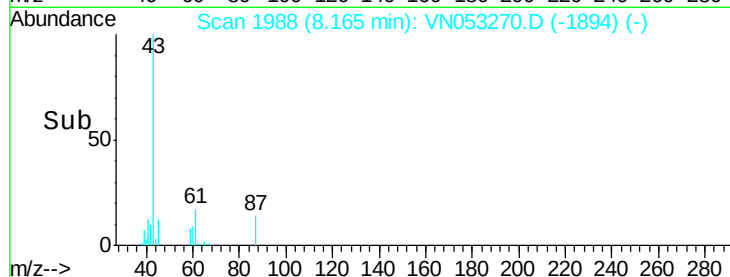
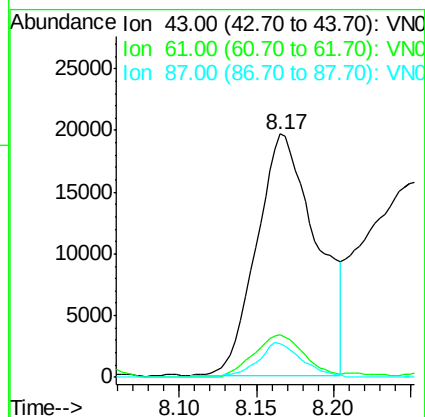
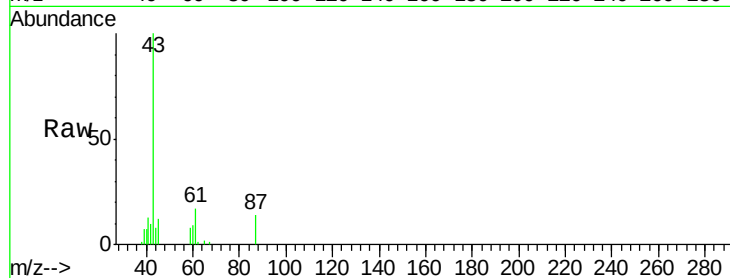
Tot Ion: 43 Resp: 52703

Ion Ratio Lower Upper

43 100

61 14.9 22.9 34.3#

87 10.5 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: VN053270.D

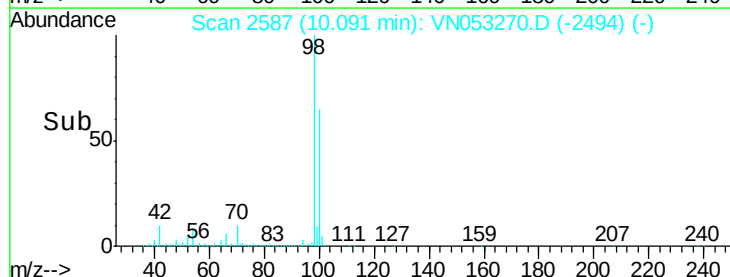
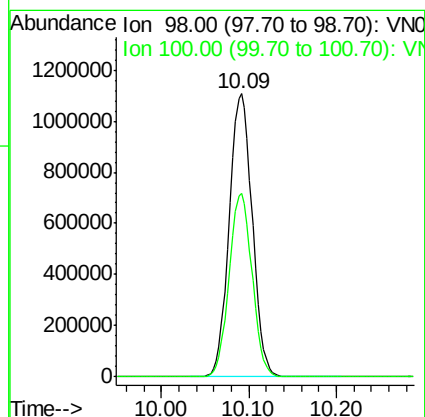
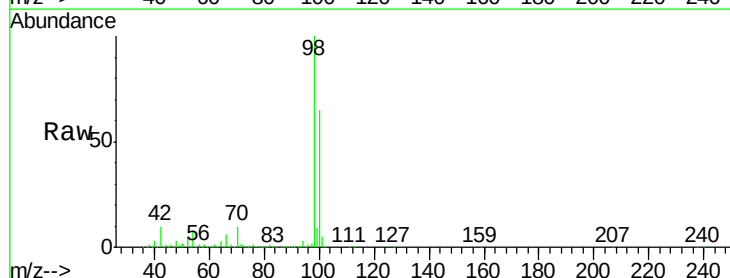
Acq: 3 Jan 2019 18:44

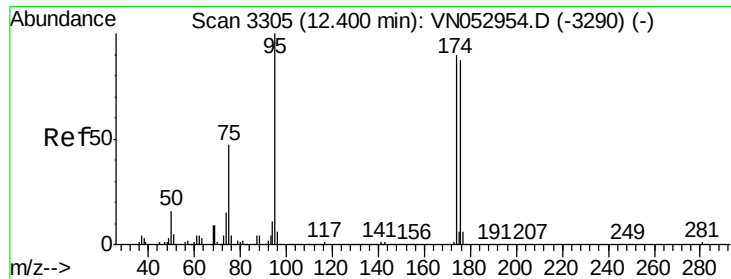
Tgt Ion: 98 Resp: 2026115

Ion Ratio Lower Upper

98 100

100 64.4 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: VN053270.D

Acq: 3 Jan 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#15

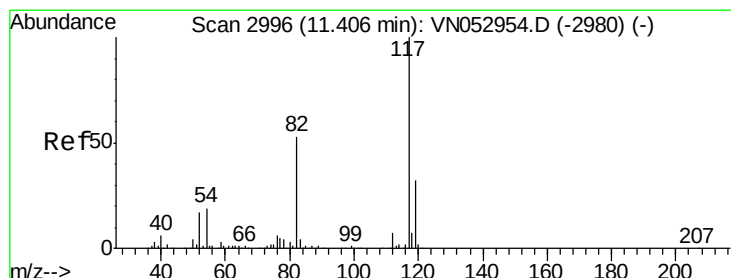
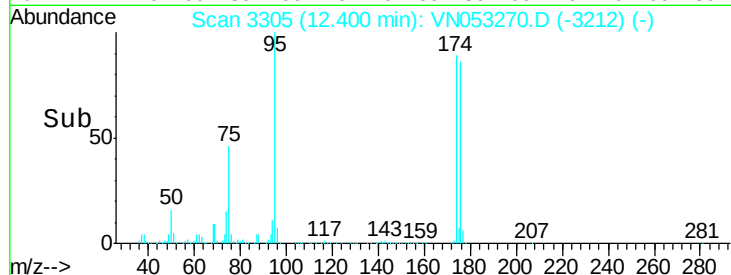
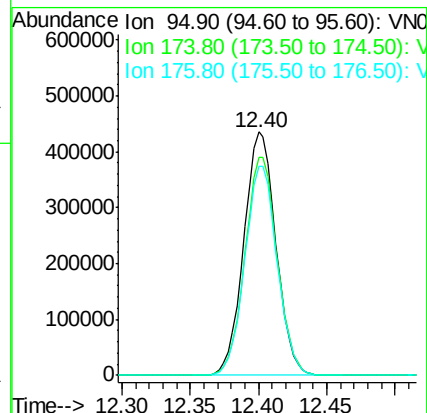
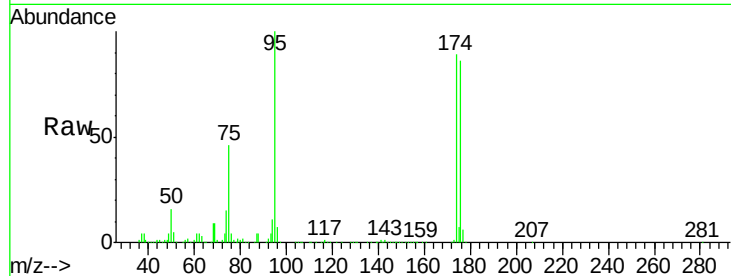
Tot Ion: 95 Resp: 709875

Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.8

176 86.7 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053270.D

Acq: 3 Jan 2019 18:44

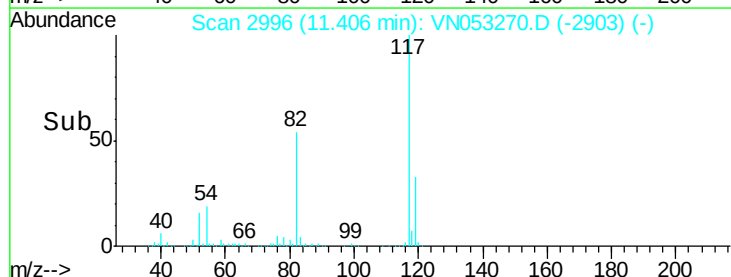
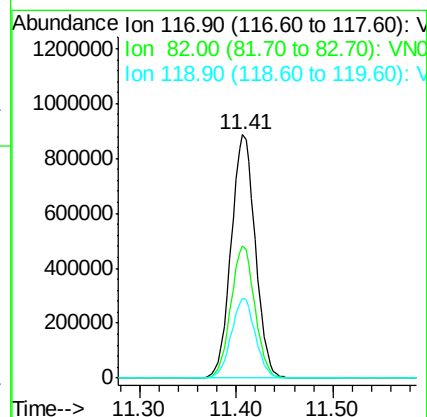
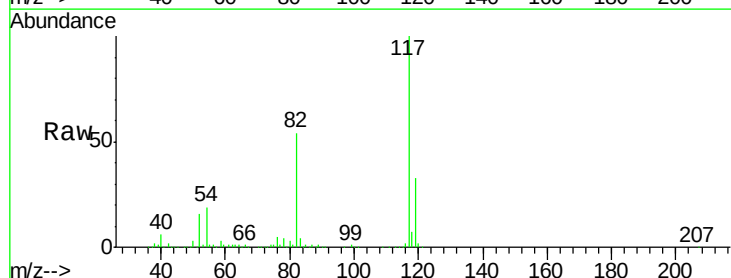
Tgt Ion: 117 Resp: 1532889

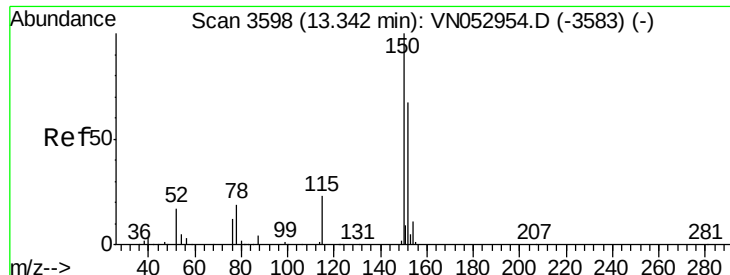
Ion Ratio Lower Upper

117 100

82 54.3 42.8 64.2

119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053270.D

Acq: 3 Jan 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#15

Tot Ion:152 Resp: 653323

Ion Ratio Lower Upper

152 100

115 55.8 28.3 85.0

150 156.6 0.0 347.8

