

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053452.D
 Acq On : 17 Jan 2019 23:07
 Operator : JC/SP
 Sample : PB116439ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

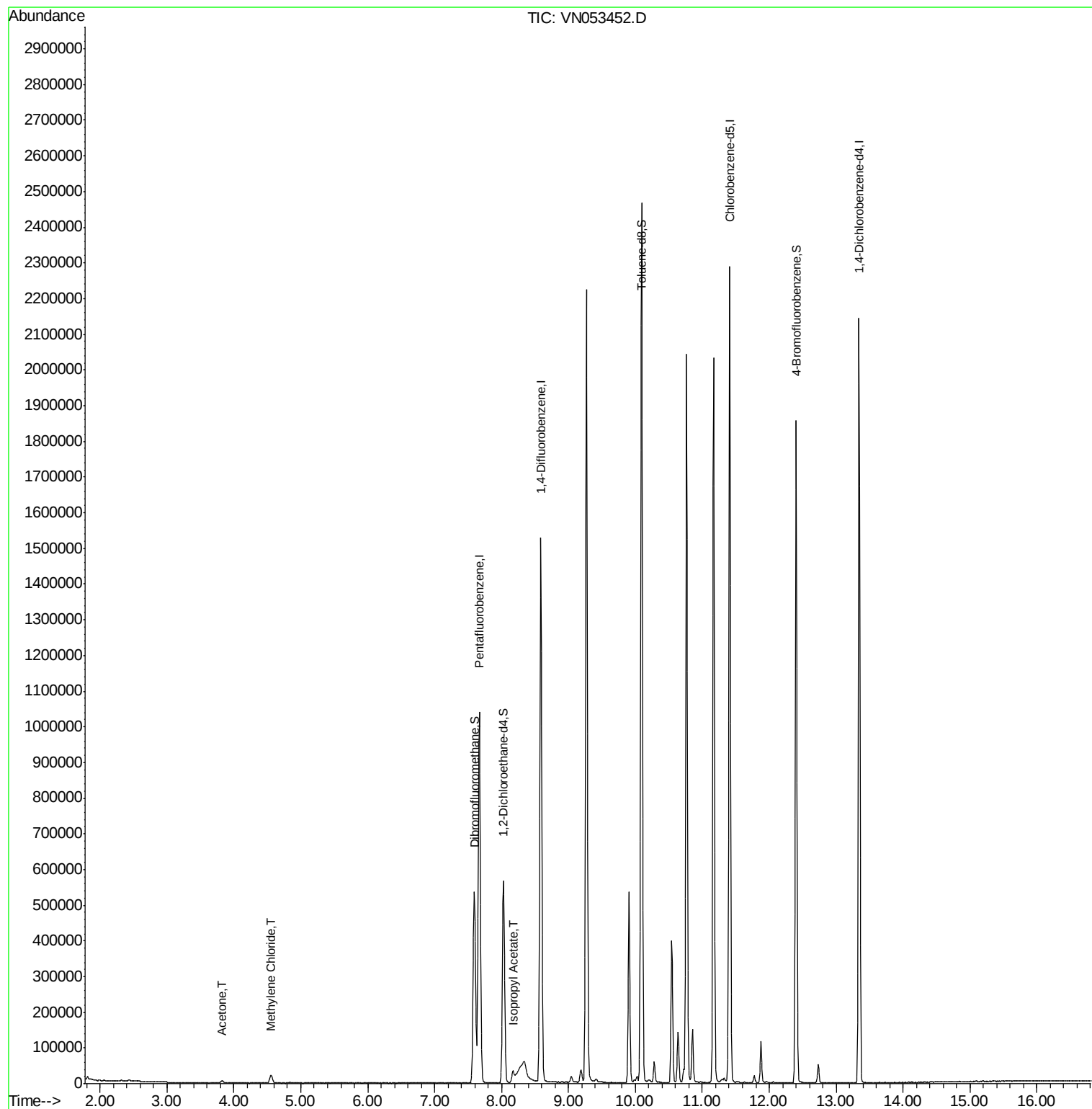
Quant Time: Jan 18 01:26:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	912514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1434532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1387120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	622228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	472097	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
35) Dibromofluoromethane	7.59	113	415756	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.09	98	1795087	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.40	95	640495	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
Target Compounds						
16) Acetone	3.82	43	12345	5.834	ug/l	95
20) Methylene Chloride	4.55	84	16932	1.753	ug/l	96
43) Isopropyl Acetate	8.17	43	49540	3.665	ug/l #	78

(#) = 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: VN053452.D

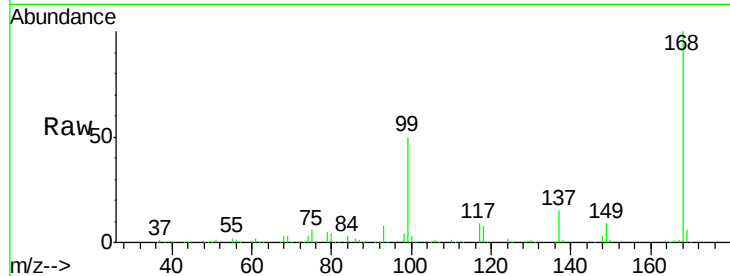
Acq: 17 Jan 2019 23:07

Tot Ion:168 Resp: 912514

Ion Ratio Lower Upper

168 100

99 49.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

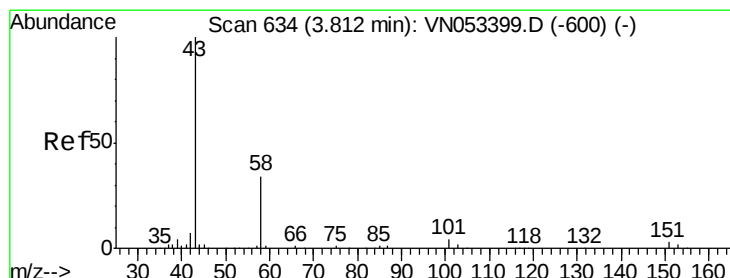
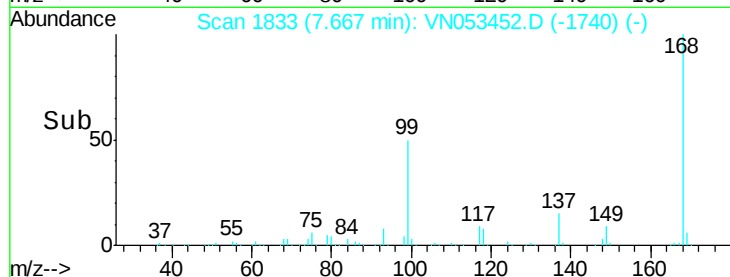
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.834 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053452.D

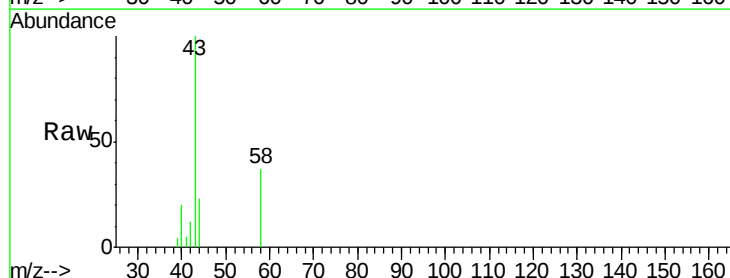
Acq: 17 Jan 2019 23:07

Tgt Ion: 43 Resp: 12345

Ion Ratio Lower Upper

43 100

58 37.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

3000

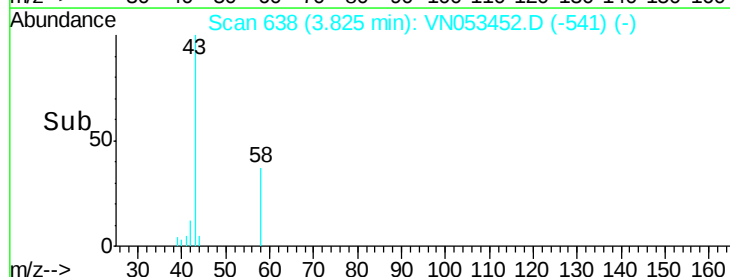
2000

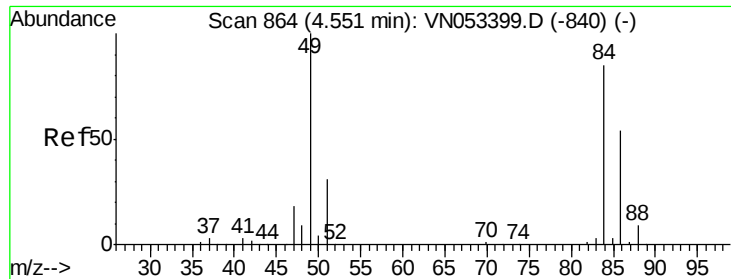
1000

0

3.75 3.80 3.85 3.90

Time-->

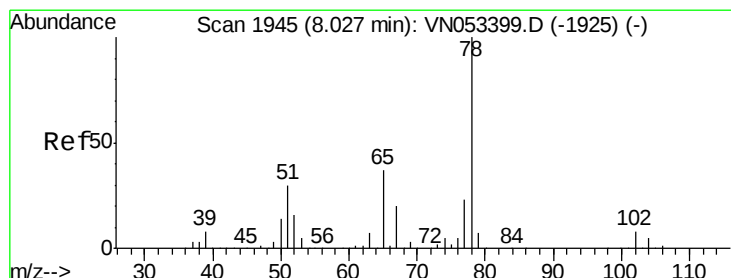
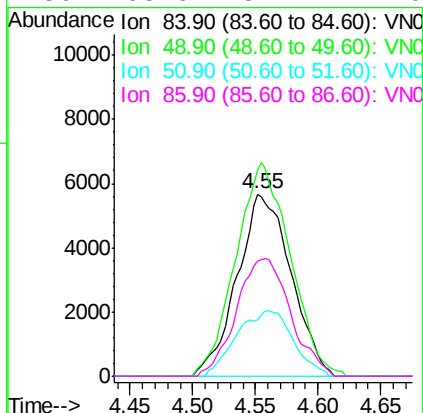
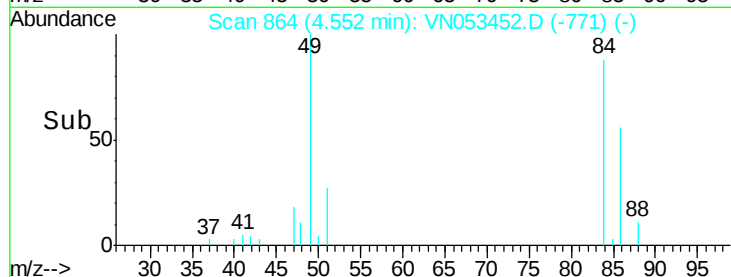
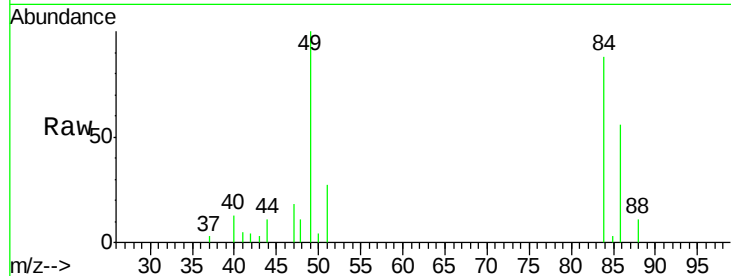




#20
Methvlene Chloride
Concen: 1.753 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053452.D
Acq: 17 Jan 2019 23:07

Tot Ion: 84 Resp: 16932

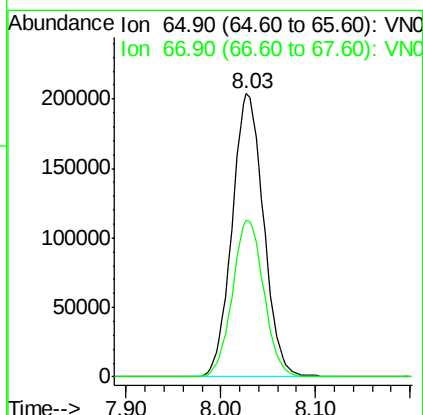
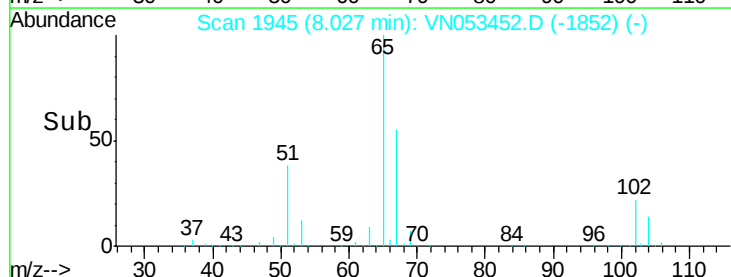
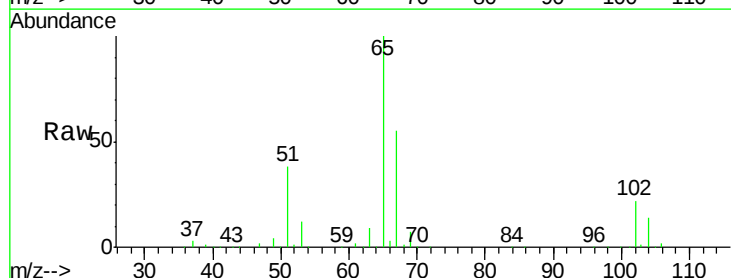
Ion	Ratio	Lower	Upper
84	100		
49	113.4	94.3	141.5
51	31.1	29.4	44.2
86	63.6	51.4	77.0

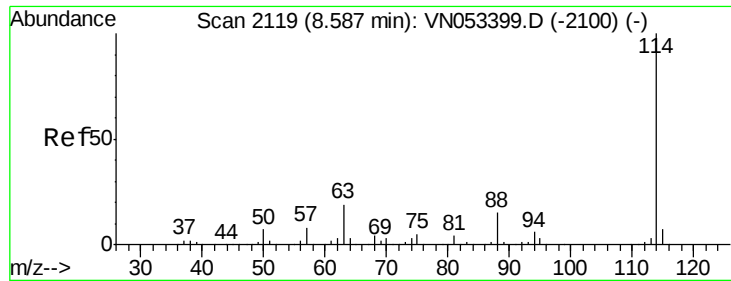


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053452.D
Acq: 17 Jan 2019 23:07

Tgt Ion: 65 Resp: 472097

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.2

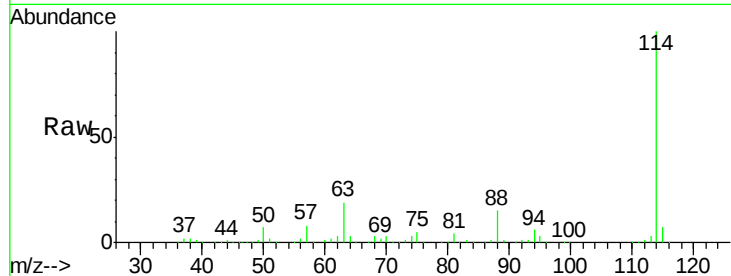




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053452.D
 Acq: 17 Jan 2019 23:07

Tot Ion:114 Resp: 1434532

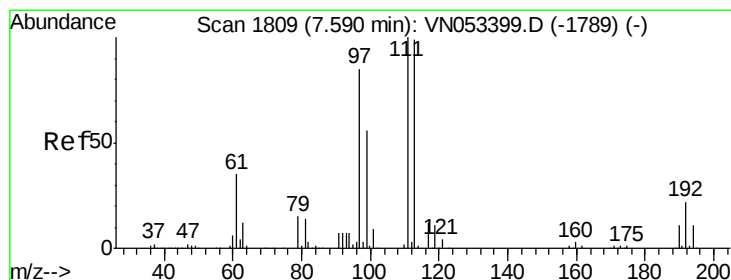
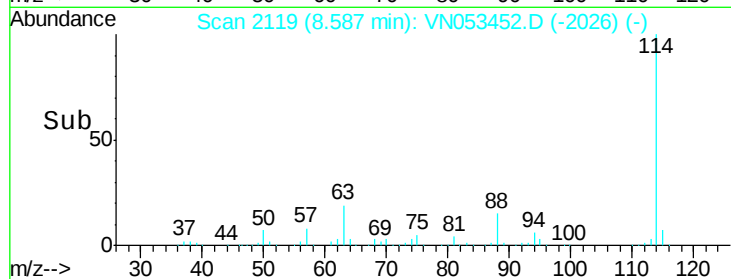
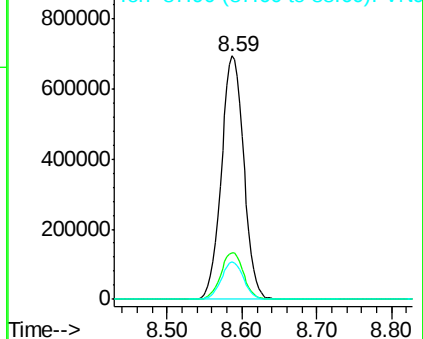
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.3	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

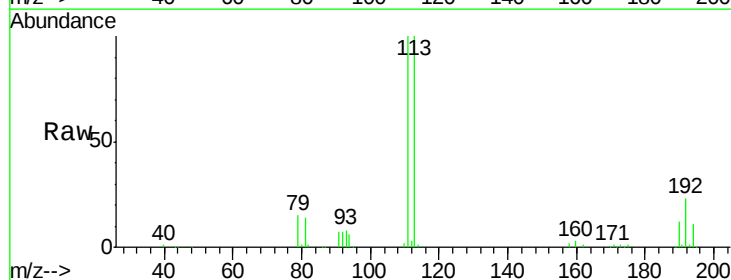
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053452.D
 Acq: 17 Jan 2019 23:07

Tgt Ion:113 Resp: 415756

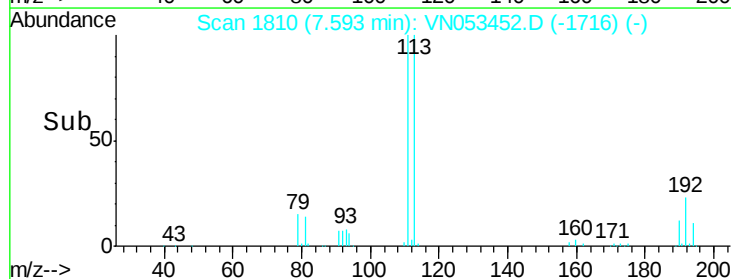
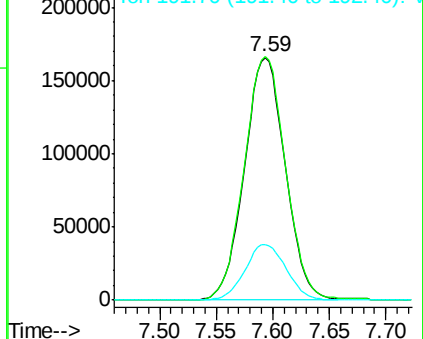
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	23.2	18.2	27.2

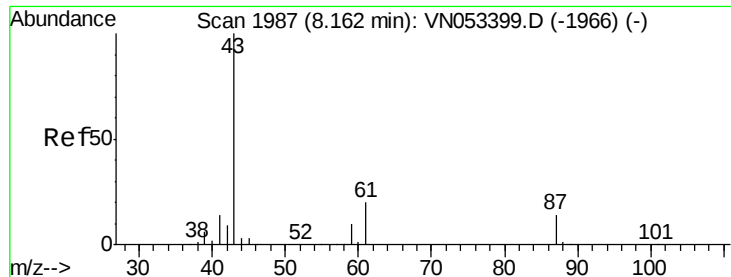


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.665 ug/l

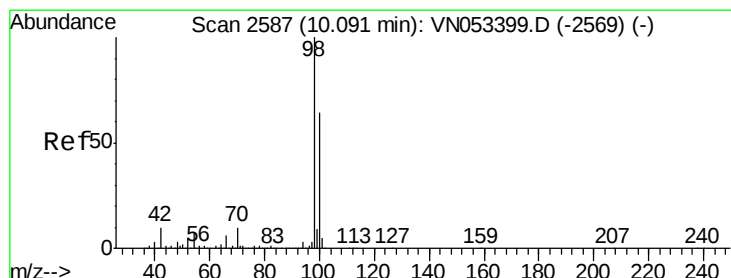
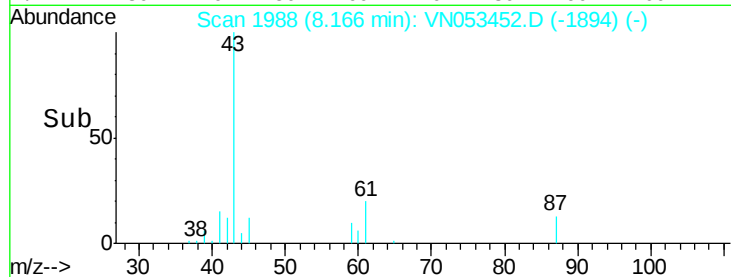
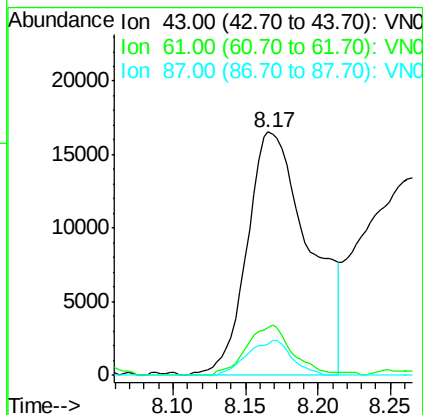
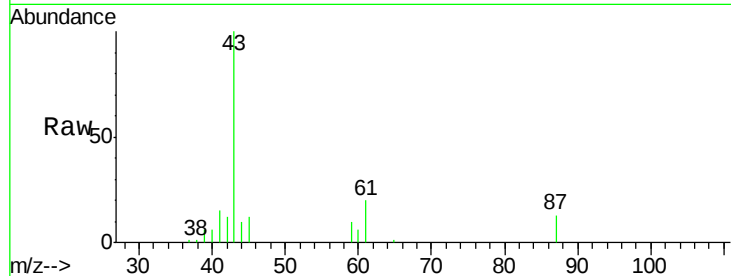
RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053452.D

Acq: 17 Jan 2019 23:07

Tot Ion:	43	Resp:	49540
Ion	Ratio	Lower	Upper
43	100		
61	15.0	23.9	35.9#
87	10.2	11.0	16.6#



#50

Toluene-d8

Concen: N.D. ug/l

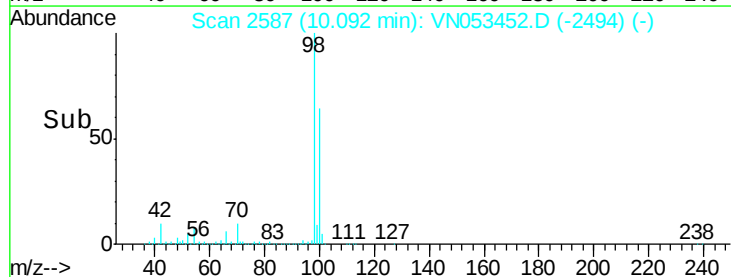
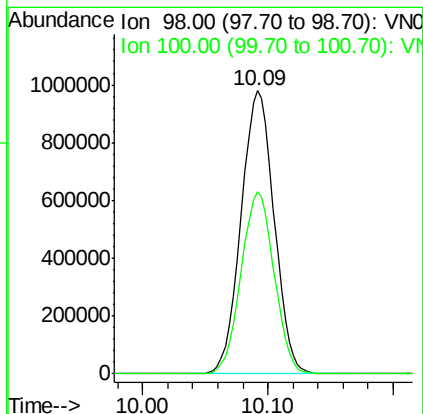
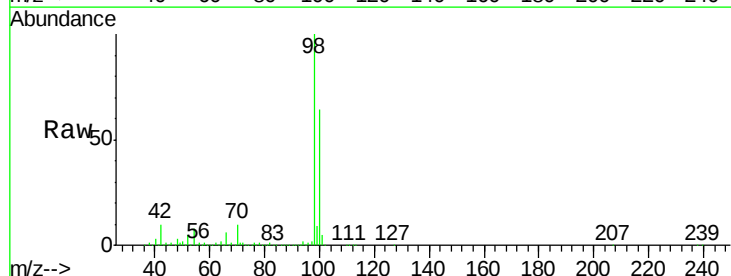
RT: 10.09 min Scan# 2587

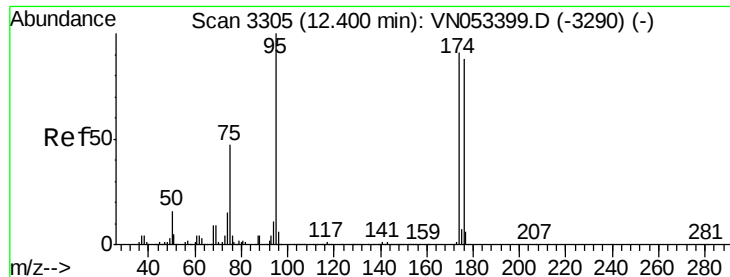
Delta R.T. 0.00 min

Lab File: VN053452.D

Acq: 17 Jan 2019 23:07

Tgt Ion:	98	Resp:	1795087
Ion	Ratio	Lower	Upper
98	100		
100	64.2	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: VN053452.D

Acq: 17 Jan 2019 23:07

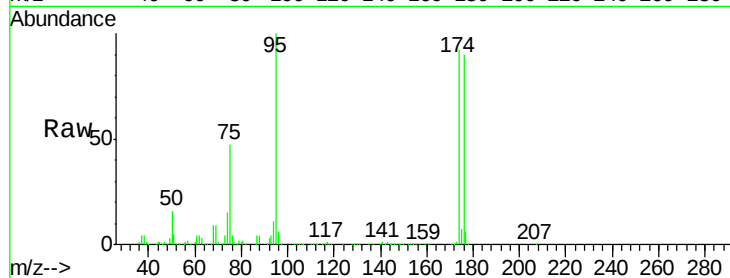
Tot Ion: 95 Resp: 640495

Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.2

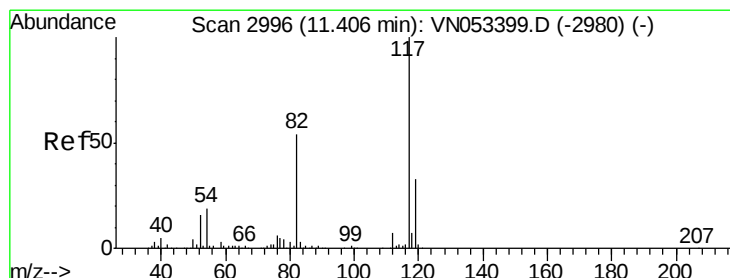
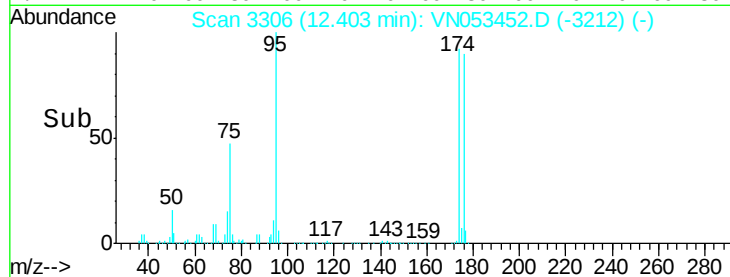
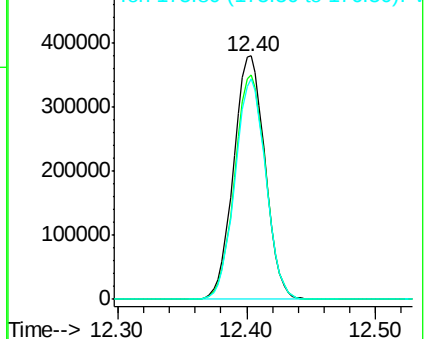
176 89.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053452.D

Acq: 17 Jan 2019 23:07

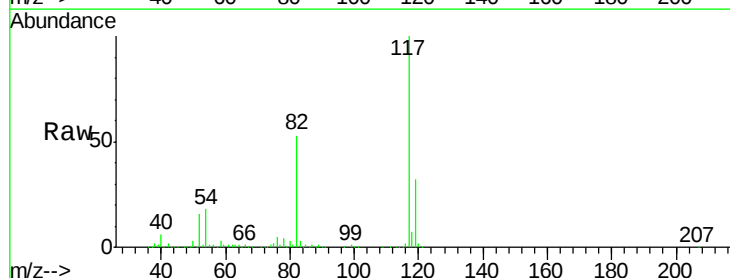
Tgt Ion: 117 Resp: 1387120

Ion Ratio Lower Upper

117 100

82 53.0 42.9 64.3

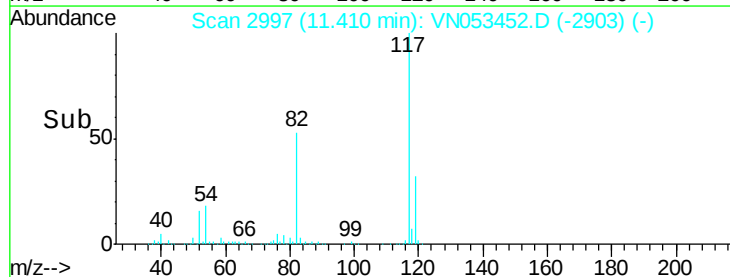
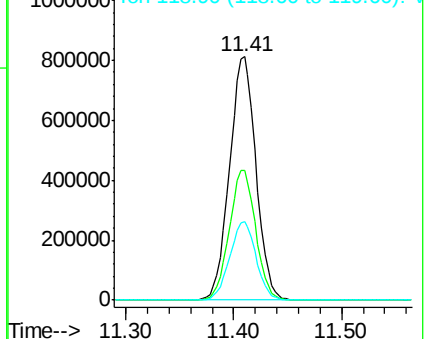
119 32.2 26.0 39.0

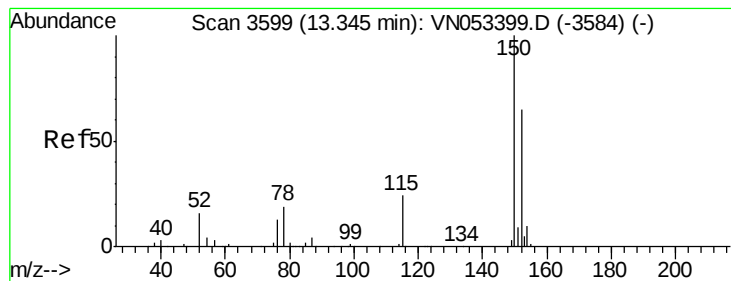


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

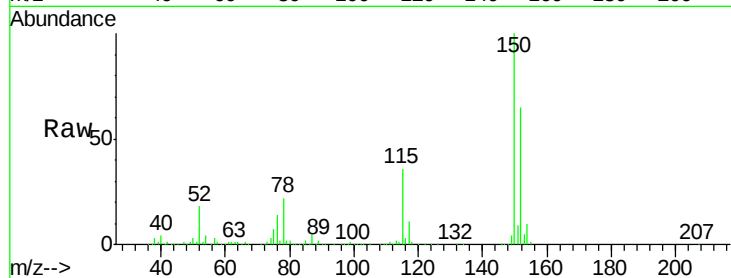




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053452.D
 Acq: 17 Jan 2019 23:07

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.8	83.4
150	156.7	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

