

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053446.D
 Acq On : 17 Jan 2019 20:26
 Operator : JC/SP
 Sample : PB116439ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

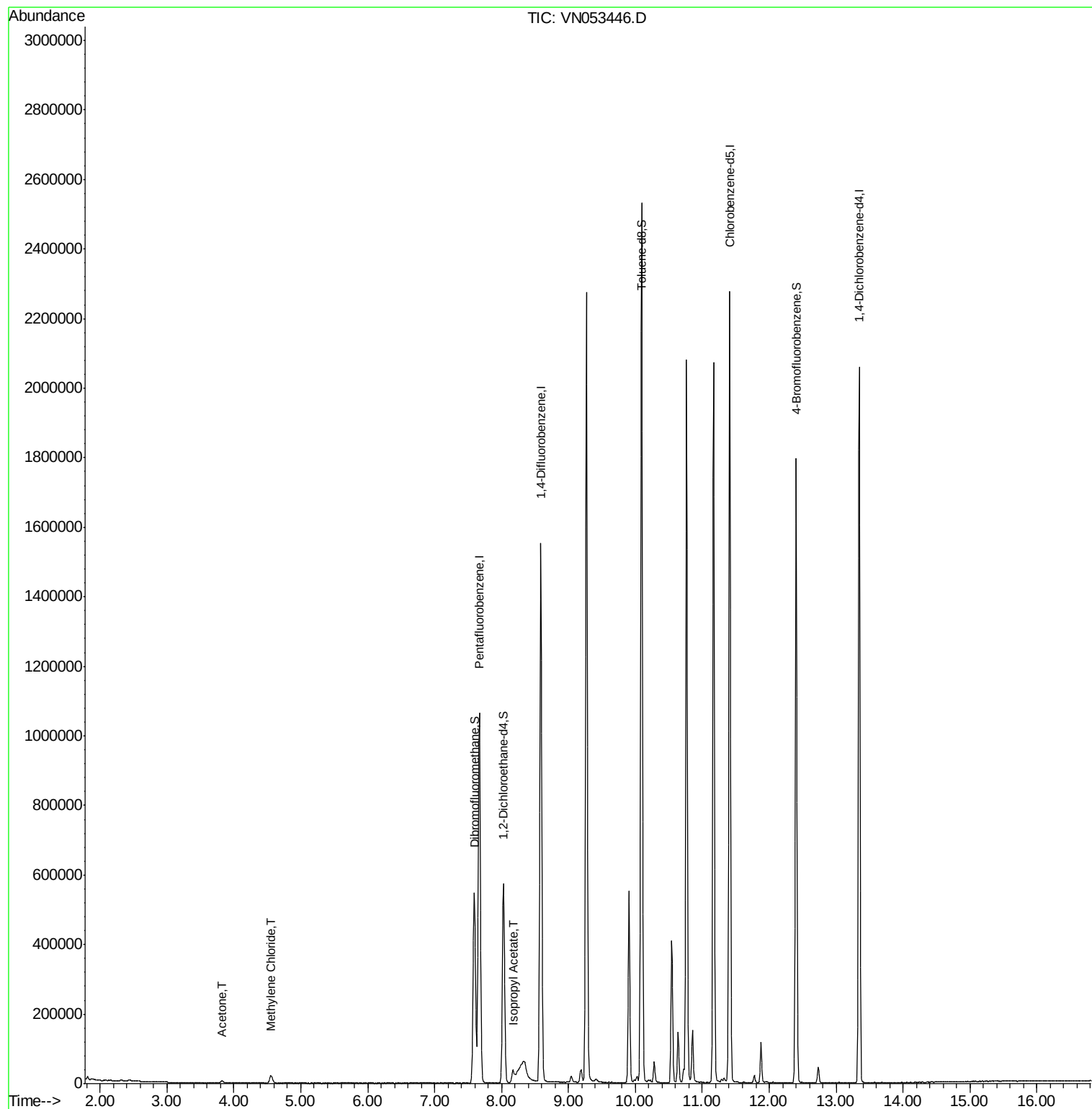
Quant Time: Jan 18 01:06:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

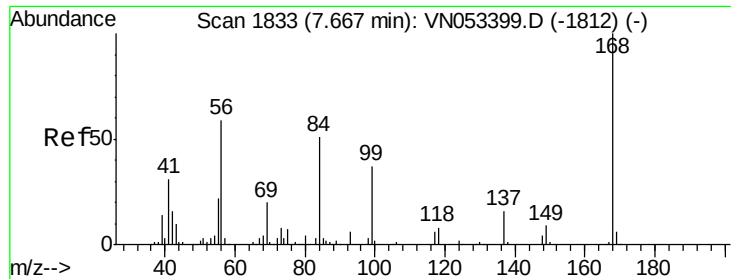
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	932483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1454423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1380659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	584391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	475220	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
35) Dibromofluoromethane	7.59	113	420272	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
50) Toluene-d8	10.09	98	1827939	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	615191	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
Target Compounds						
16) Acetone	3.82	43	11946	5.524	ug/l	90
20) Methylene Chloride	4.55	84	16087	1.629	ug/l	93
43) Isopropyl Acetate	8.17	43	47592	3.473	ug/l #	79

(#) = 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: VN053446.D

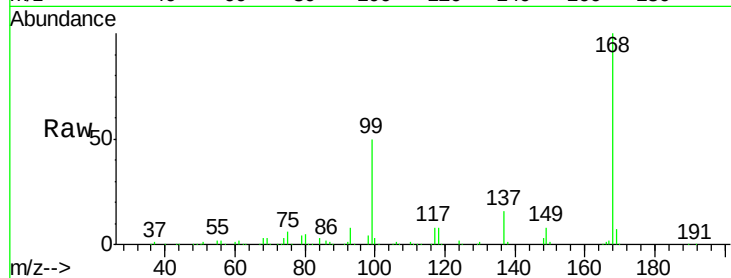
Acq: 17 Jan 2019 20:26

Tot Ion:168 Resp: 932483

Ion Ratio Lower Upper

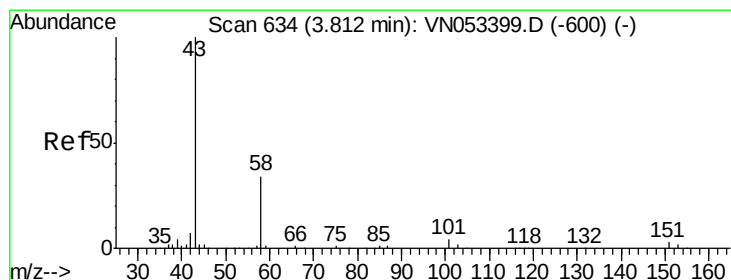
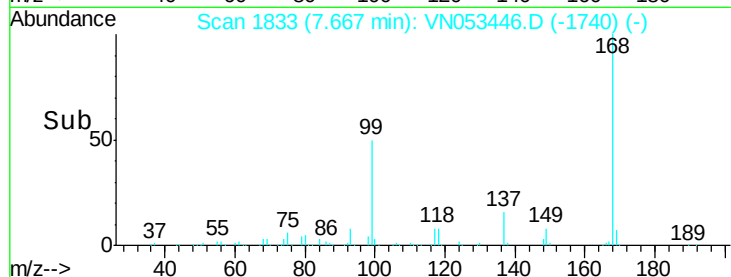
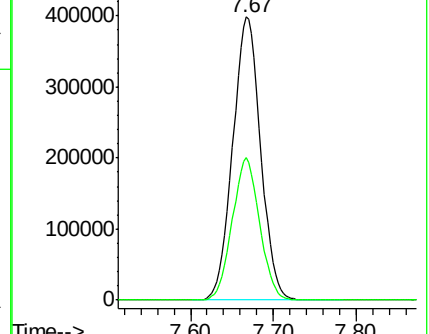
168 100

99 50.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.524 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053446.D

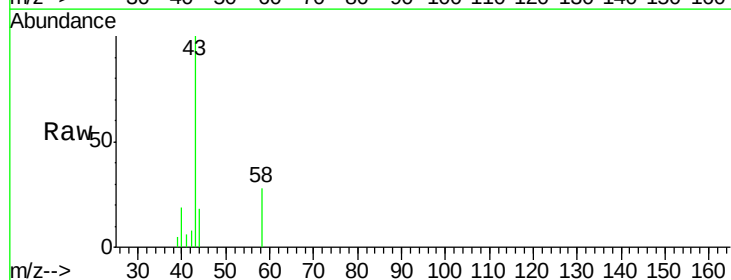
Acq: 17 Jan 2019 20:26

Tgt Ion: 43 Resp: 11946

Ion Ratio Lower Upper

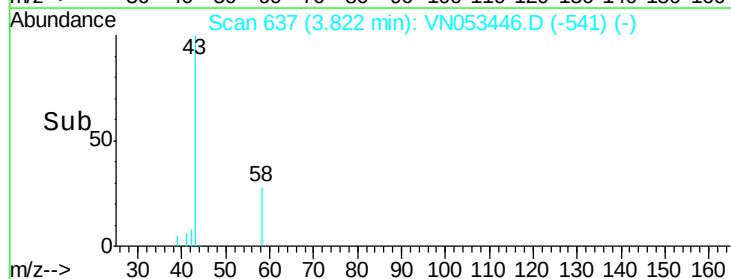
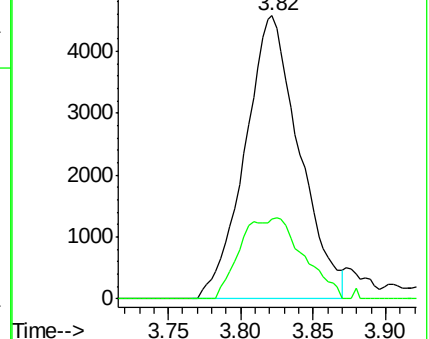
43 100

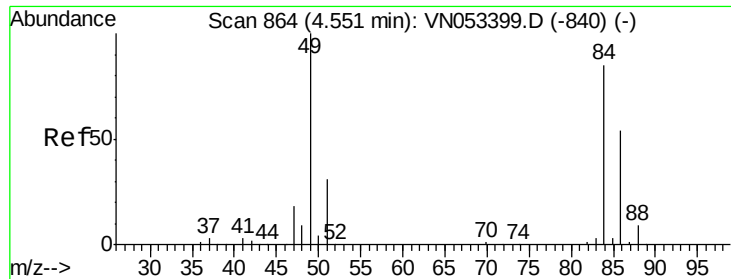
58 28.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

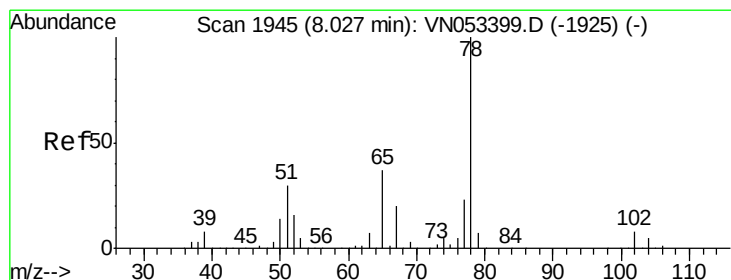
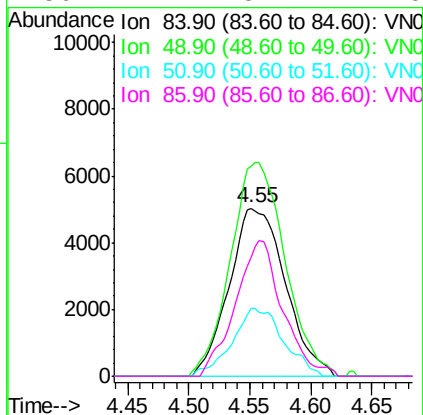
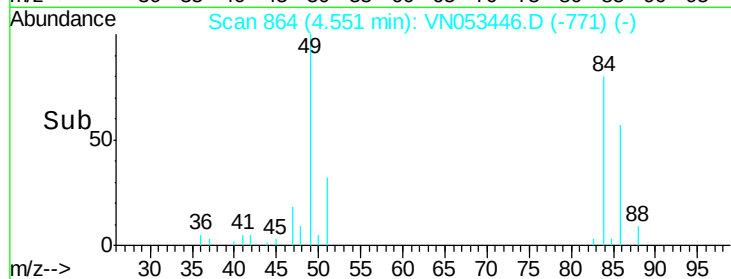
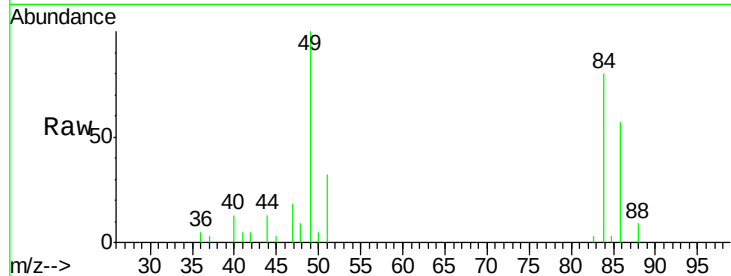




#20
Methylene Chloride
Concen: 1.629 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053446.D
Acq: 17 Jan 2019 20:26

Tot Ion: 84 Resp: 16087

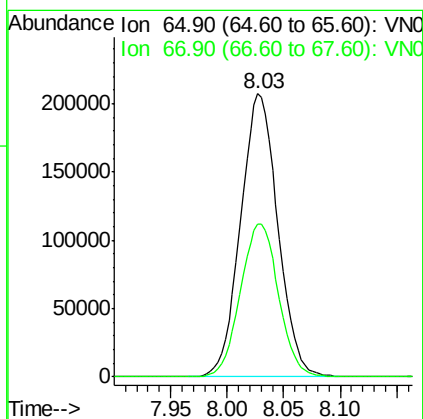
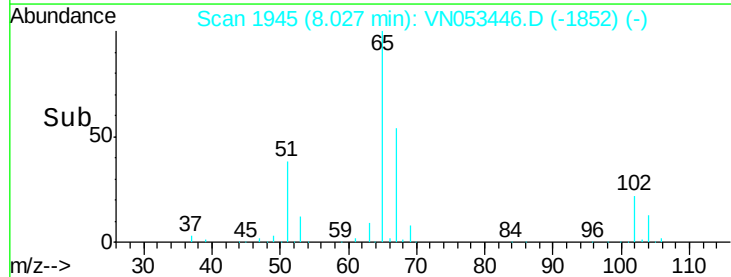
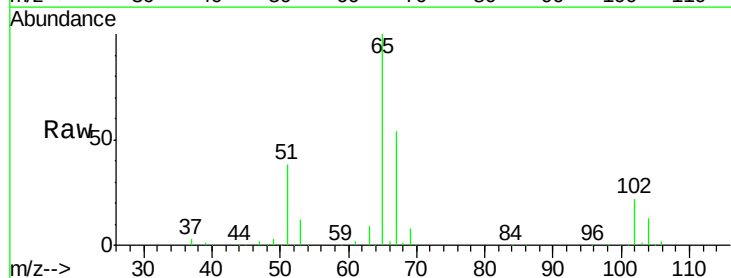
Ion	Ratio	Lower	Upper
84	100		
49	125.2	94.3	141.5
51	40.2	29.4	44.2
86	71.2	51.4	77.0

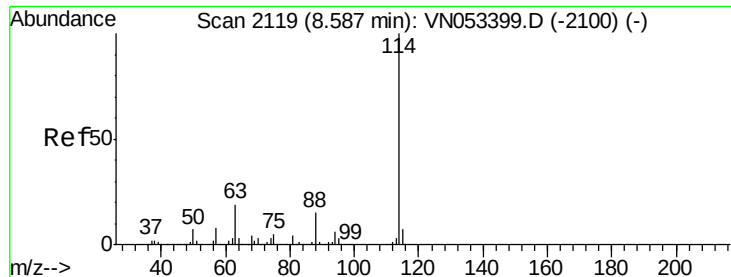


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053446.D
Acq: 17 Jan 2019 20:26

Tgt Ion: 65 Resp: 475220

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.2

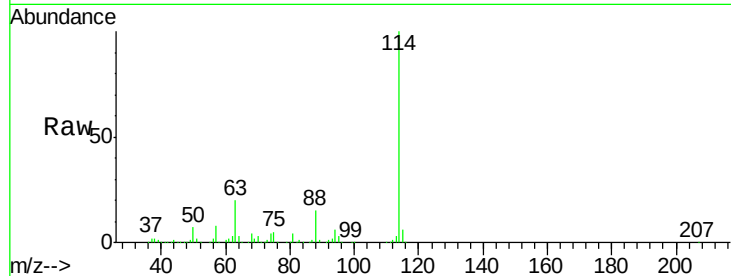




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053446.D
 Acq: 17 Jan 2019 20:26

Tot Ion:114 Resp: 1454423

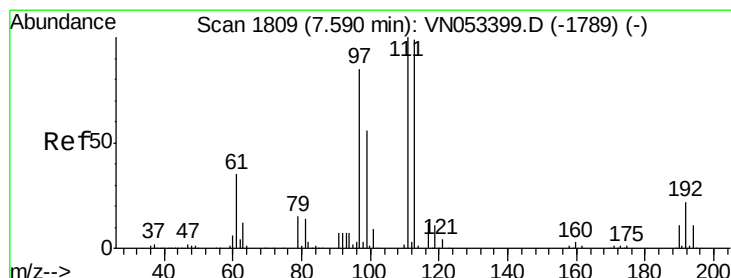
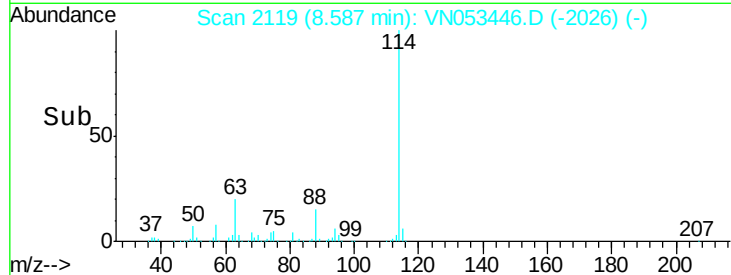
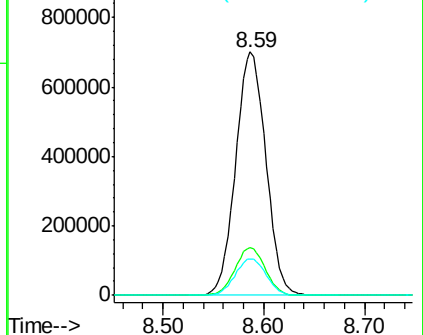
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.0	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

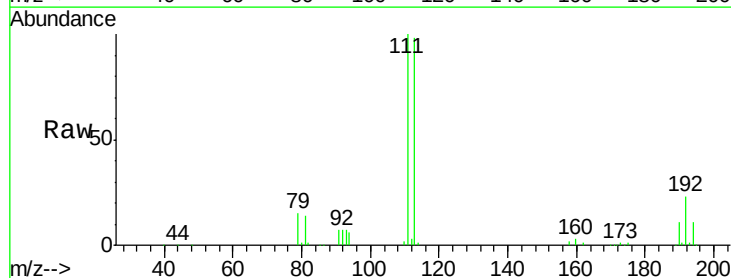
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053446.D
 Acq: 17 Jan 2019 20:26

Tgt Ion:113 Resp: 420272

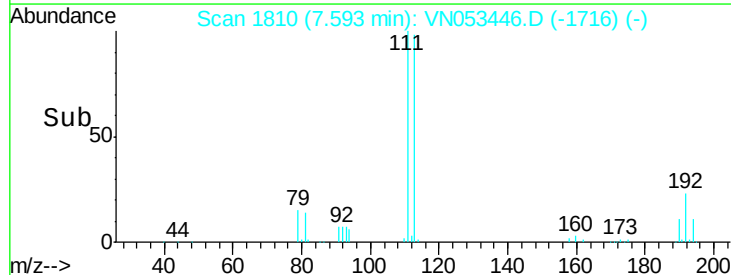
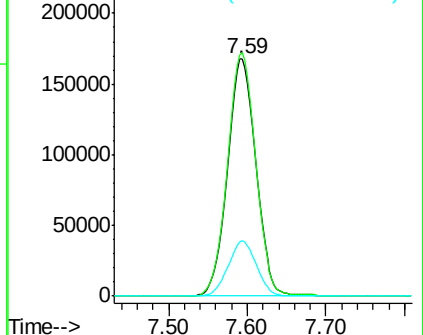
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	23.0	18.2	27.2

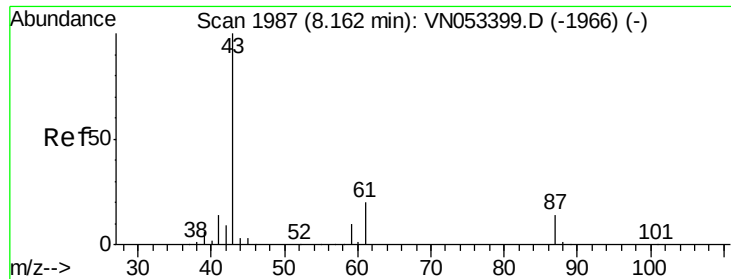


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.473 ug/l

RT: 8.17 min Scan# 1989

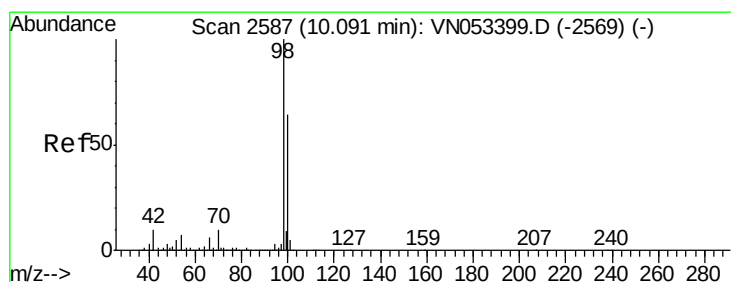
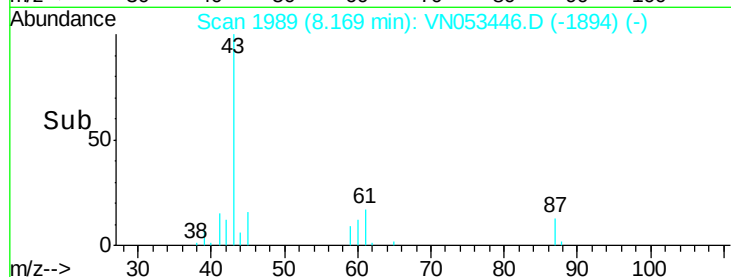
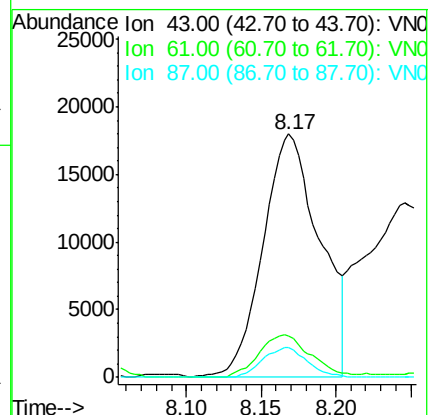
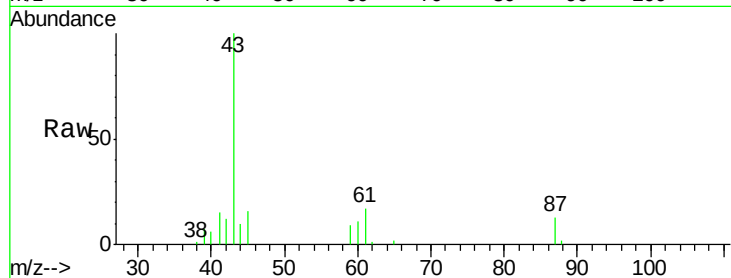
Delta R.T. 0.01 min

Lab File: VN053446.D

Acq: 17 Jan 2019 20:26

Tot Ion: 43 Resp: 47592

Ion	Ratio	Lower	Upper
43	100		
61	16.0	23.9	35.9#
87	9.5	11.0	16.6#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

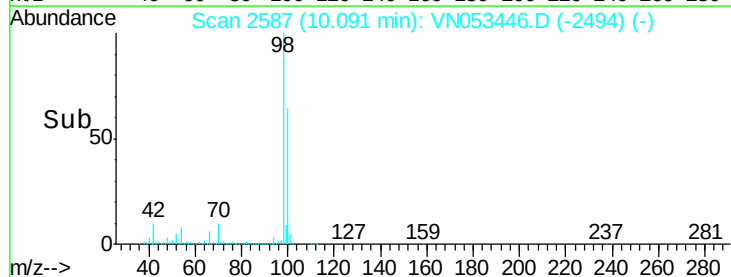
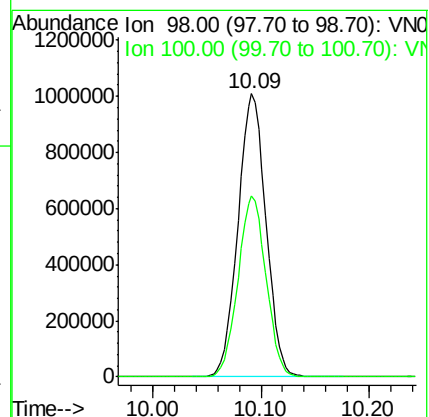
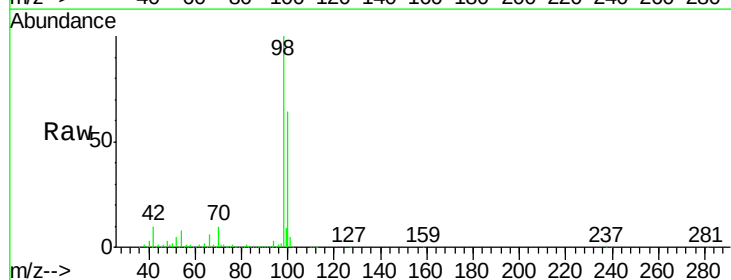
Delta R.T. 0.00 min

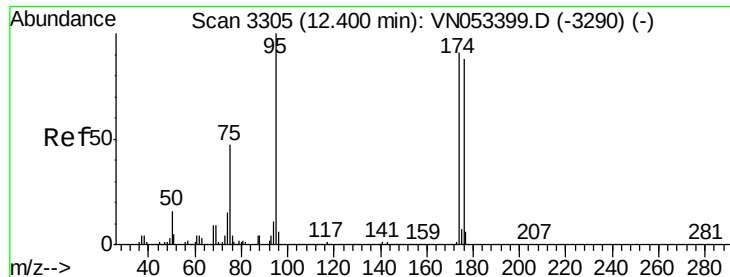
Lab File: VN053446.D

Acq: 17 Jan 2019 20:26

Tgt Ion: 98 Resp: 1827939

Ion	Ratio	Lower	Upper
98	100		
100	63.9	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: VN053446.D

Acq: 17 Jan 2019 20:26

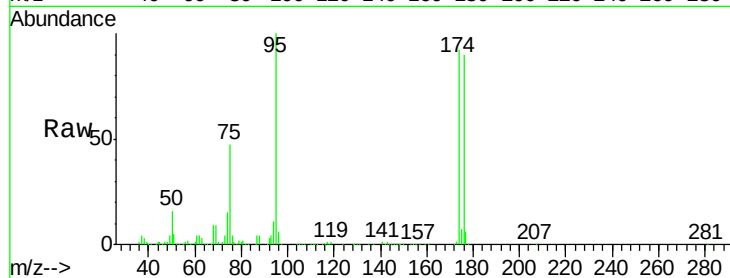
Tot Ion: 95 Resp: 615191

Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.2

176 89.0 0.0 177.4

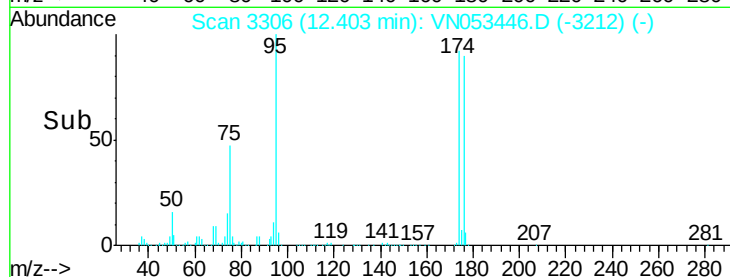


Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

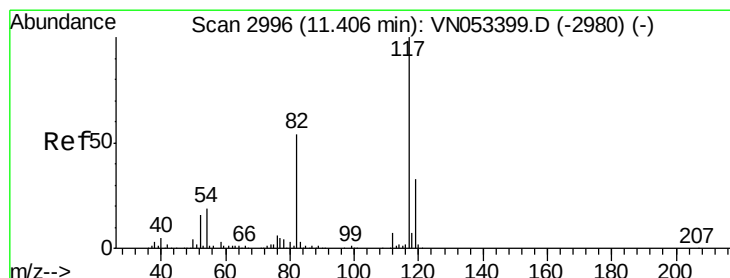
Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

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

12.40



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053446.D

Acq: 17 Jan 2019 20:26

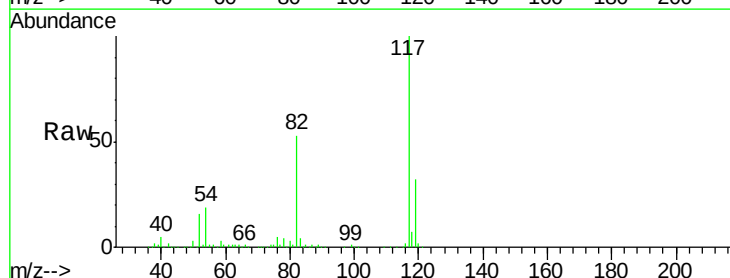
Tgt Ion: 117 Resp: 1380659

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

119 32.1 26.0 39.0

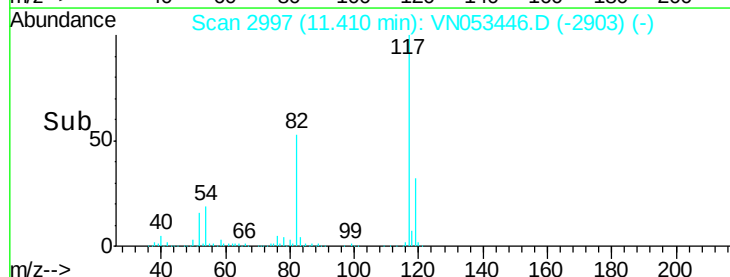


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

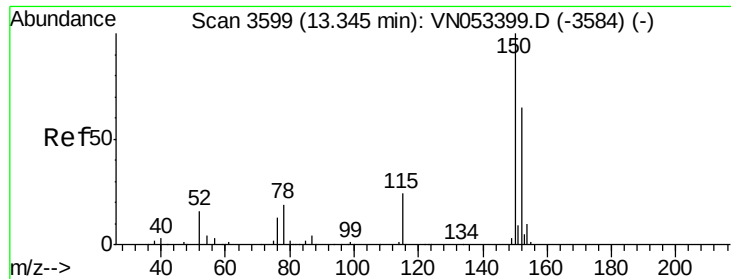
Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

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

11.41



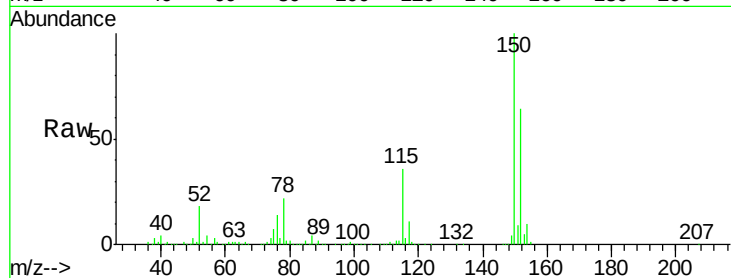
Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053446.D
 Acq: 17 Jan 2019 20:26

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.8	83.4
150	156.9	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

