

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053450.D
 Acq On : 17 Jan 2019 22:13
 Operator : JC/SP
 Sample : PB116439ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

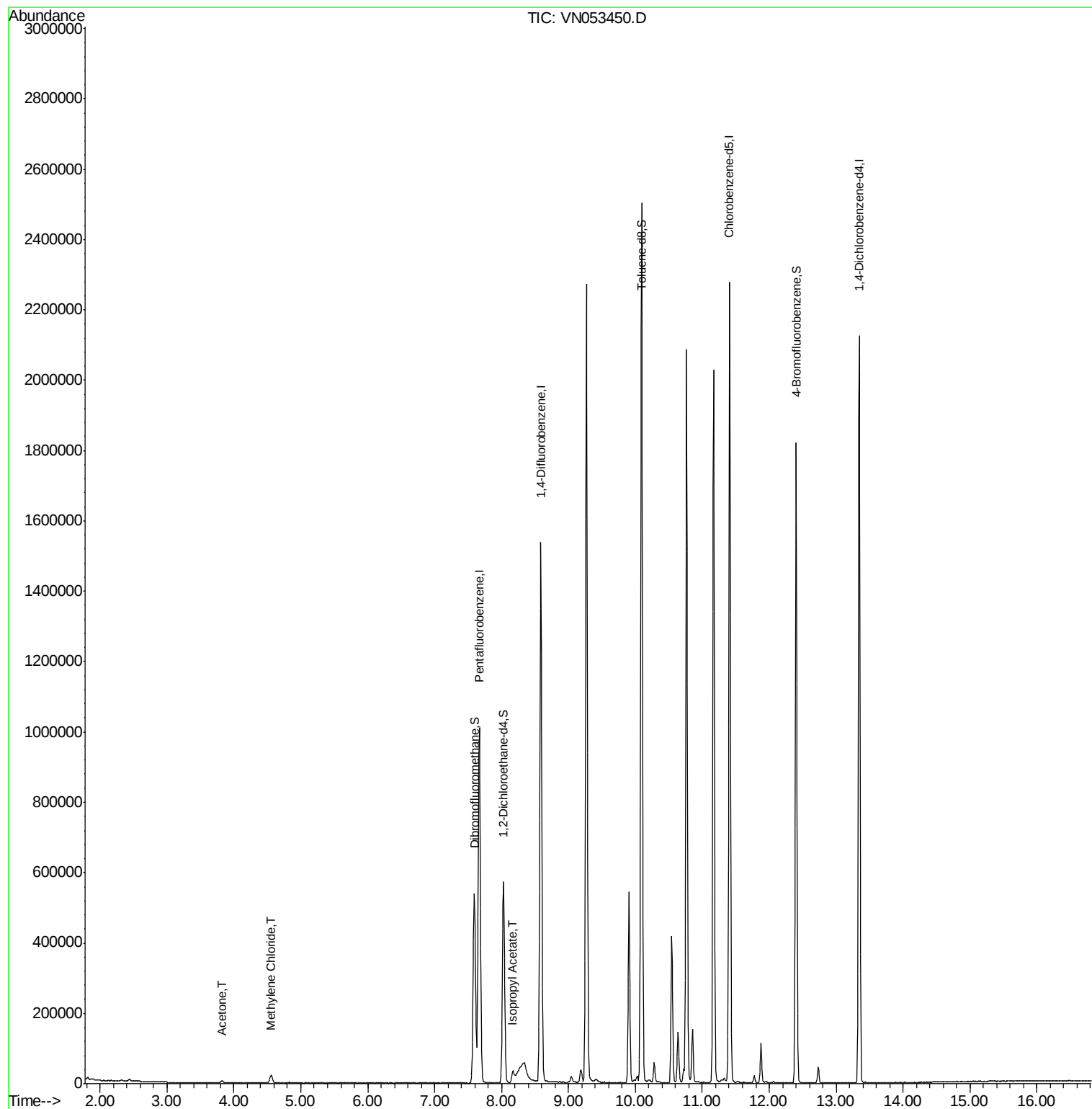
Quant Time: Jan 18 01:18:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

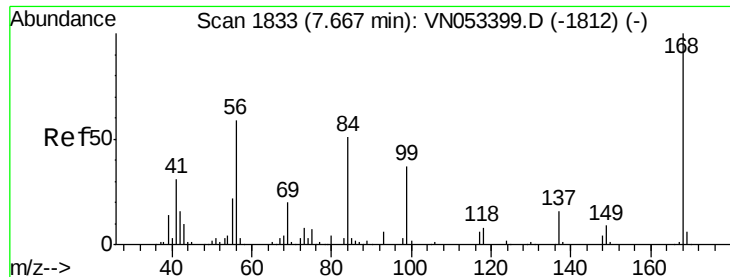
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	909905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1430034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1370613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	610063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	471984	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	7.59	113	415012	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.09	98	1785786	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.40	95	633504	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
Target Compounds						
16) Acetone	3.82	43	12696	6.017	ug/l	98
20) Methylene Chloride	4.56	84	17222	1.788	ug/l	97
43) Isopropyl Acetate	8.17	43	42302	3.140	ug/l #	84

(#) = 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: VN053450.D

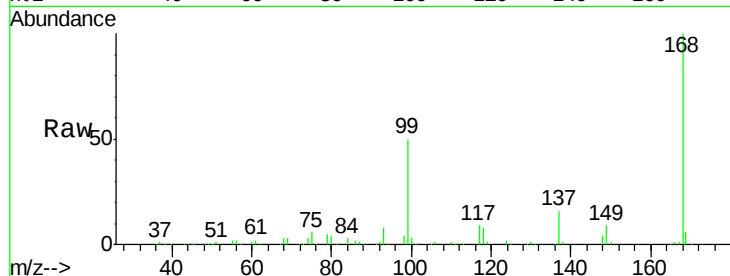
Acq: 17 Jan 2019 22:13

Tot Ion:168 Resp: 909905

Ion Ratio Lower Upper

168 100

99 50.0 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

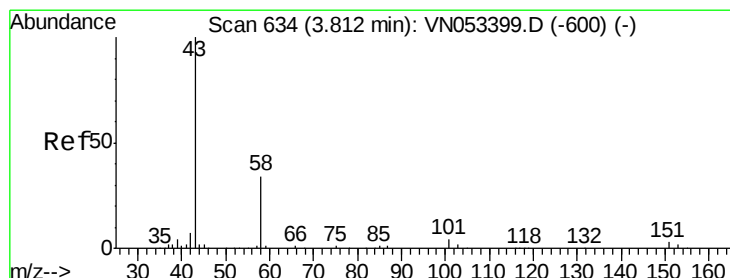
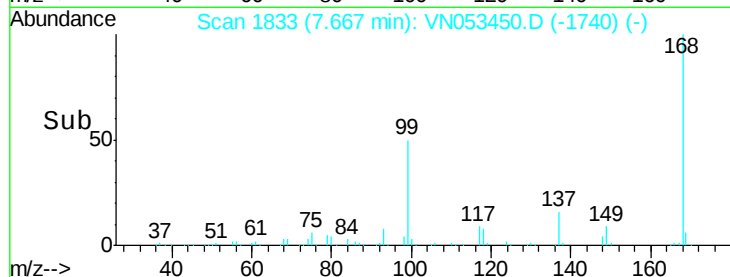
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.017 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053450.D

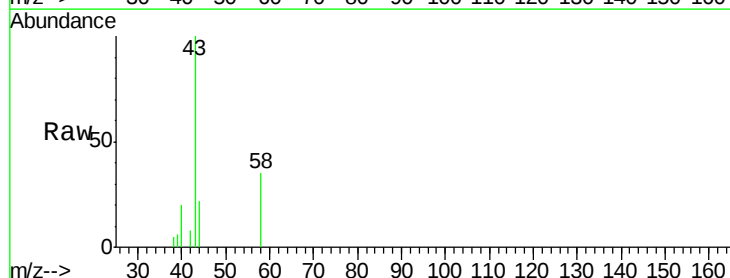
Acq: 17 Jan 2019 22:13

Tgt Ion: 43 Resp: 12696

Ion Ratio Lower Upper

43 100

58 35.3 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

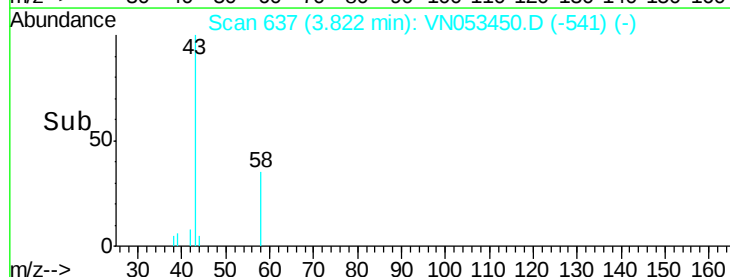
2000

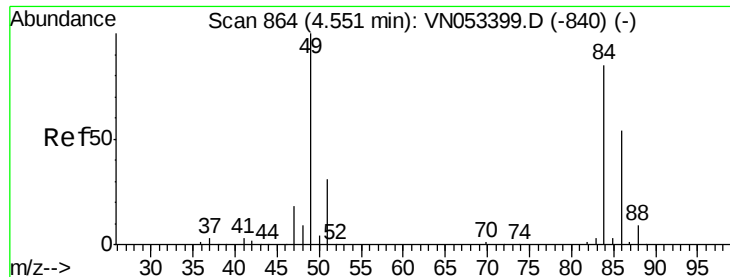
1000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 1.788 ug/l

RT: 4.56 min Scan# 866

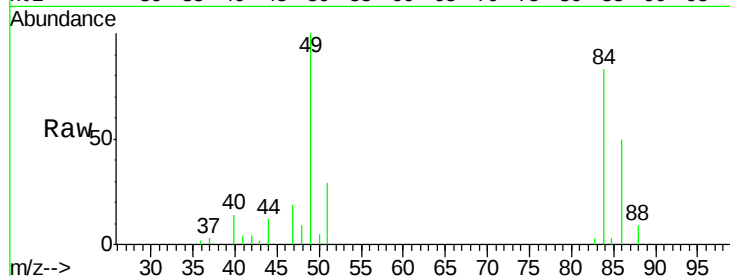
Delta R.T. 0.01 min

Lab File: VN053450.D

Acq: 17 Jan 2019 22:13

Tot Ion: 84 Resp: 17222

Ion	Ratio	Lower	Upper
84	100		
49	120.7	94.3	141.5
51	34.7	29.4	44.2
86	60.5	51.4	77.0



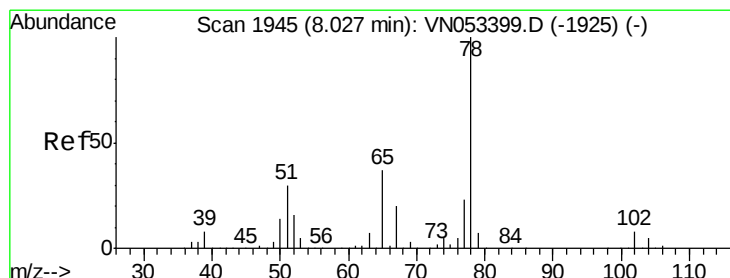
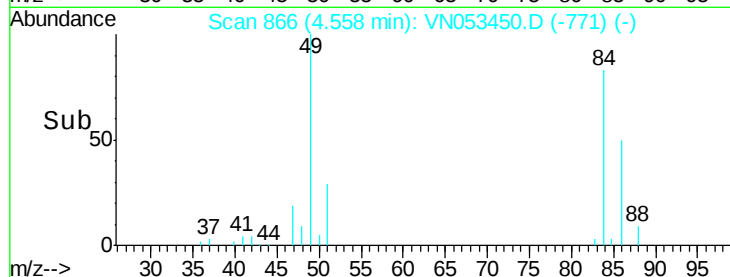
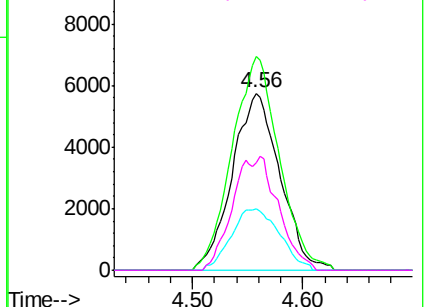
Abundance

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

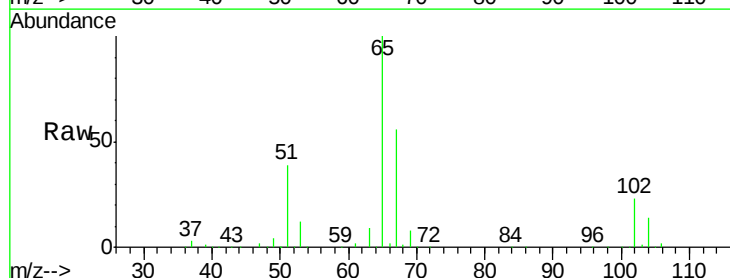
Delta R.T. 0.00 min

Lab File: VN053450.D

Acq: 17 Jan 2019 22:13

Tgt Ion: 65 Resp: 471984

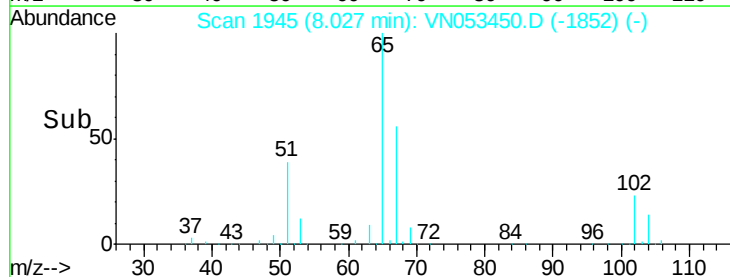
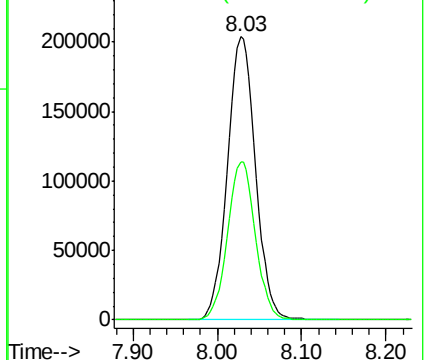
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.2

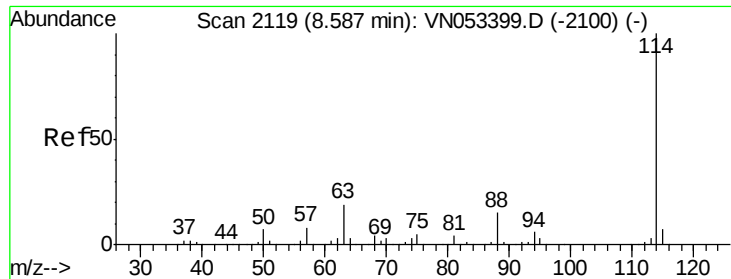


Abundance

Ion 64.90 (64.60 to 65.60): VN0

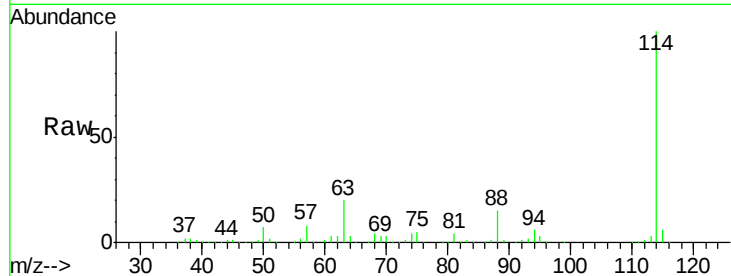
Ion 66.90 (66.60 to 67.60): VN0



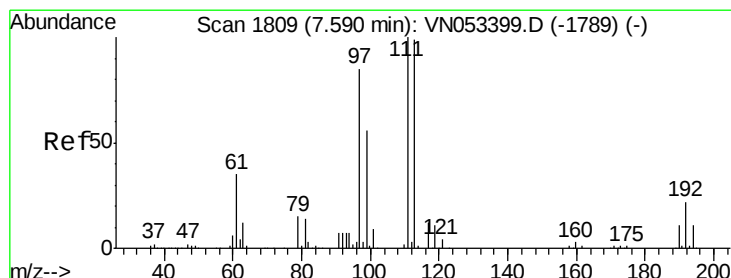
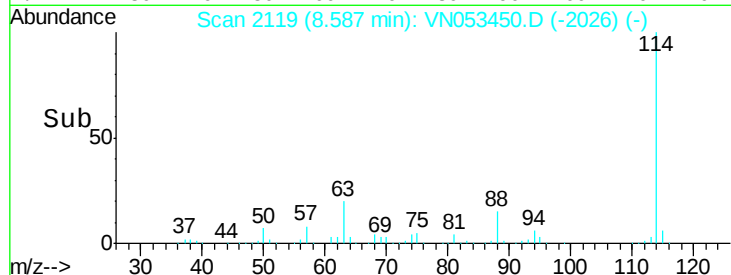
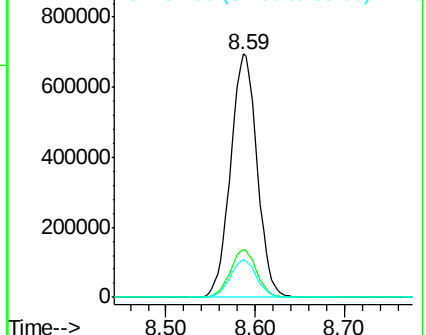


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053450.D
 Acq: 17 Jan 2019 22:13

Tot Ion:114 Resp: 1430034
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.4 0.0 30.4

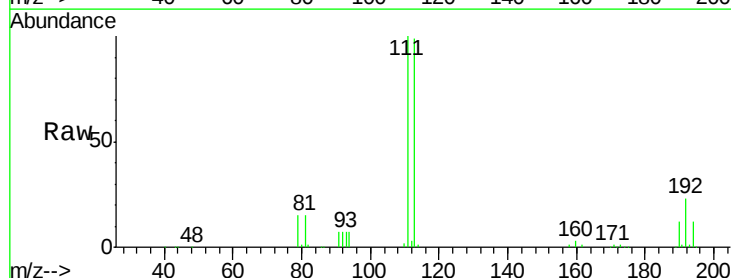


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

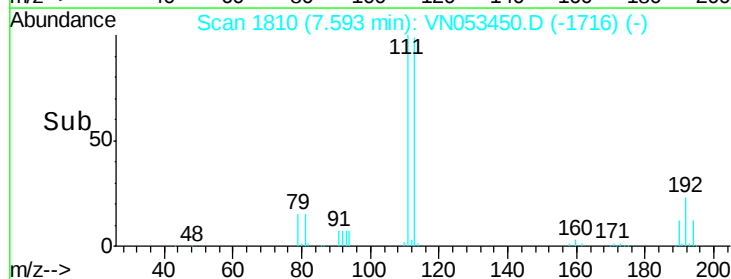
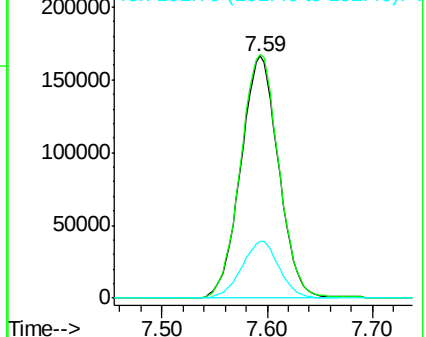


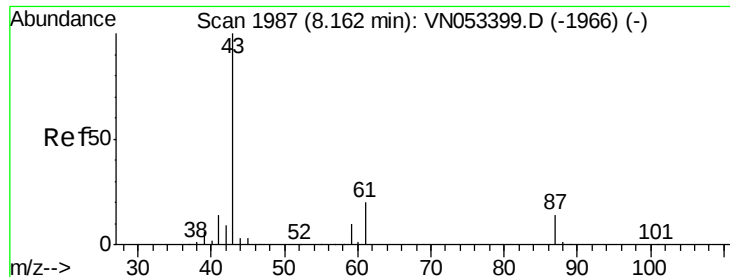
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053450.D
 Acq: 17 Jan 2019 22:13

Tgt Ion:113 Resp: 415012
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 23.1 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: 3.140 ug/l

RT: 8.17 min Scan# 1988

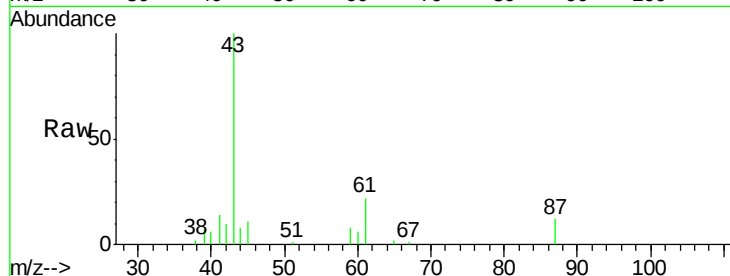
Delta R.T. 0.00 min

Lab File: VN053450.D

Acq: 17 Jan 2019 22:13

Tot Ion: 43 Resp: 42302

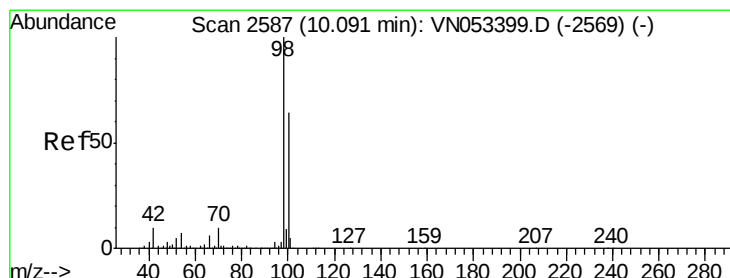
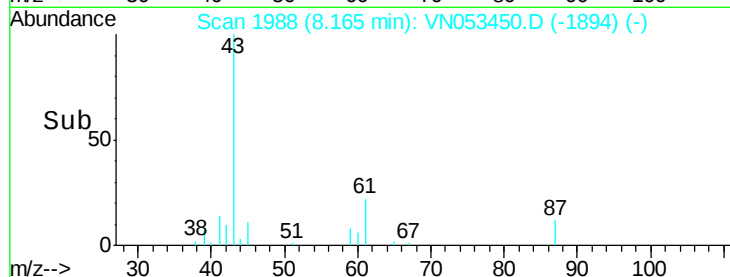
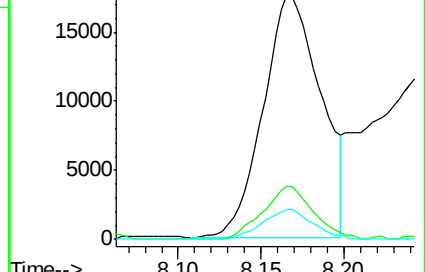
Ion	Ratio	Lower	Upper
43	100		
61	19.2	23.9	35.9#
87	10.8	11.0	16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053399.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053399.D (-1966) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

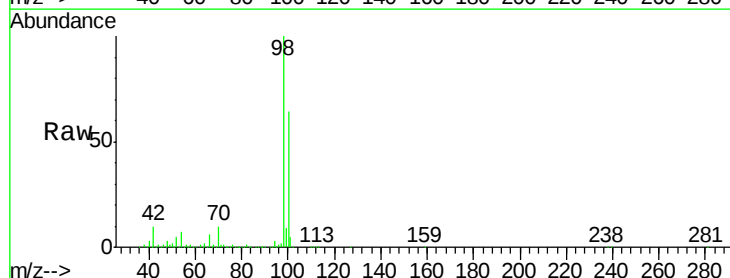
Delta R.T. 0.00 min

Lab File: VN053450.D

Acq: 17 Jan 2019 22:13

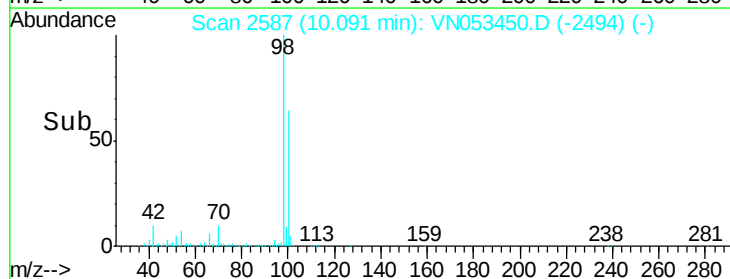
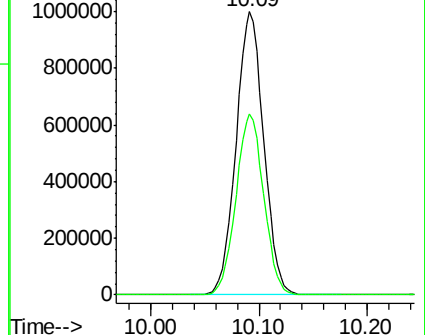
Tgt Ion: 98 Resp: 1785786

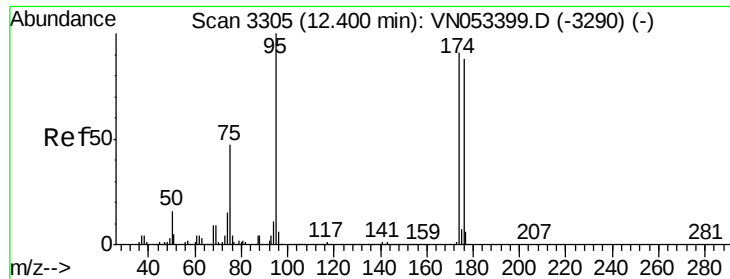
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)

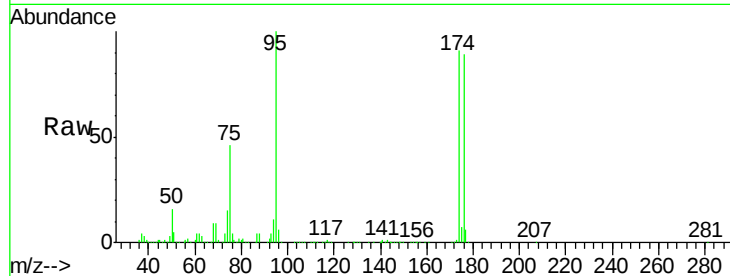
Ion 100.00 (99.70 to 100.70): VN053399.D (-2569) (-)





#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053450.D
Acq: 17 Jan 2019 22:13

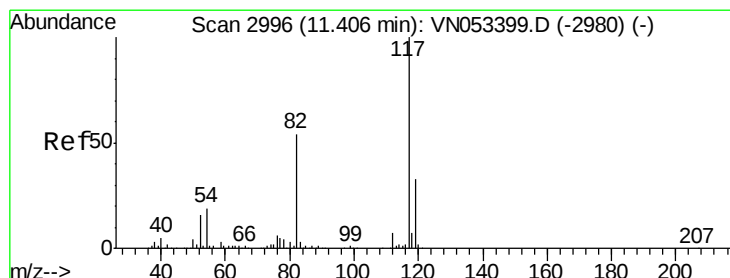
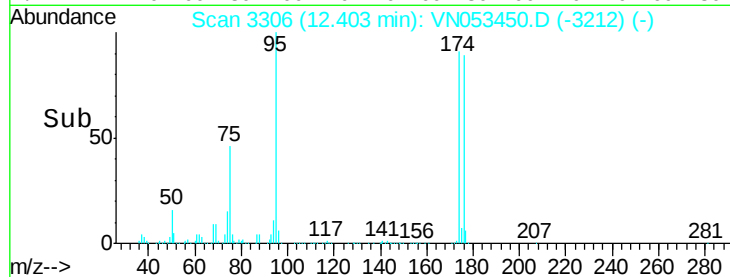
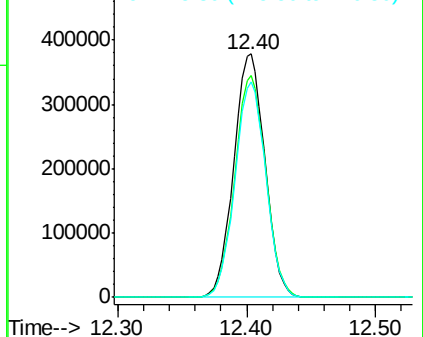
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	183.2
176	88.1	0.0	177.4



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

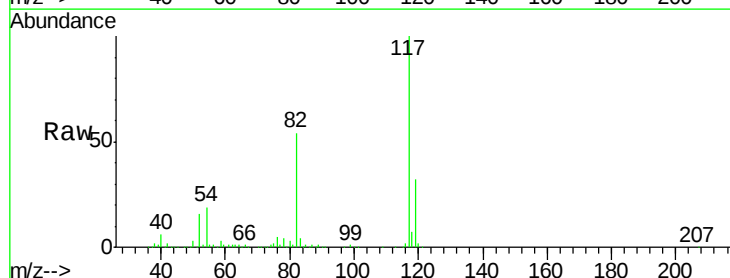
Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

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



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053450.D
Acq: 17 Jan 2019 22:13

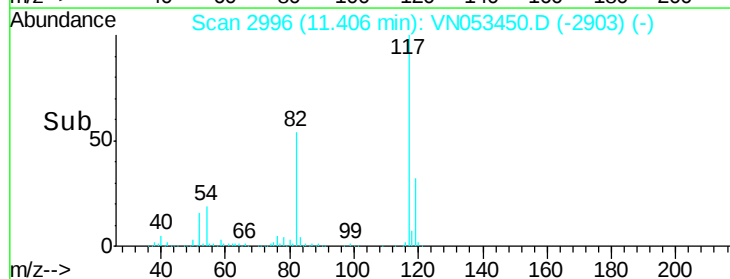
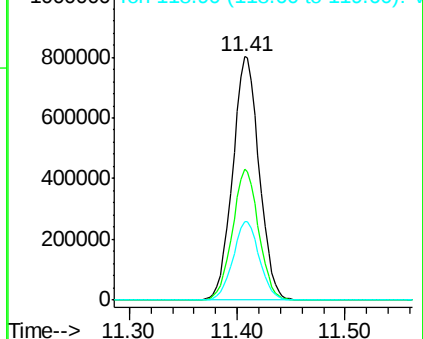
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.9	64.3
119	32.4	26.0	39.0

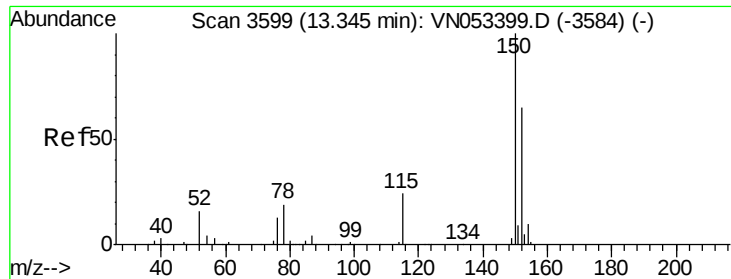


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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

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

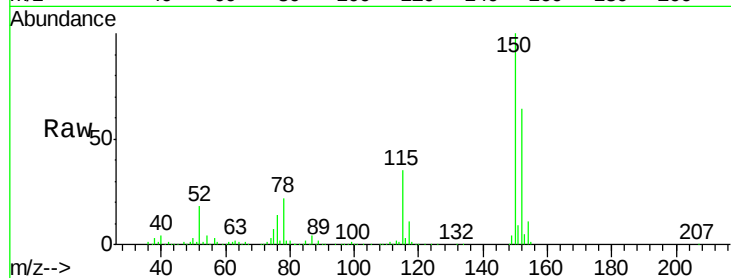




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053450.D
 Acq: 17 Jan 2019 22:13

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.8	83.4
150	156.3	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

