

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053453.D
 Acq On : 17 Jan 2019 23:34
 Operator : JC/SP
 Sample : PB116439ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

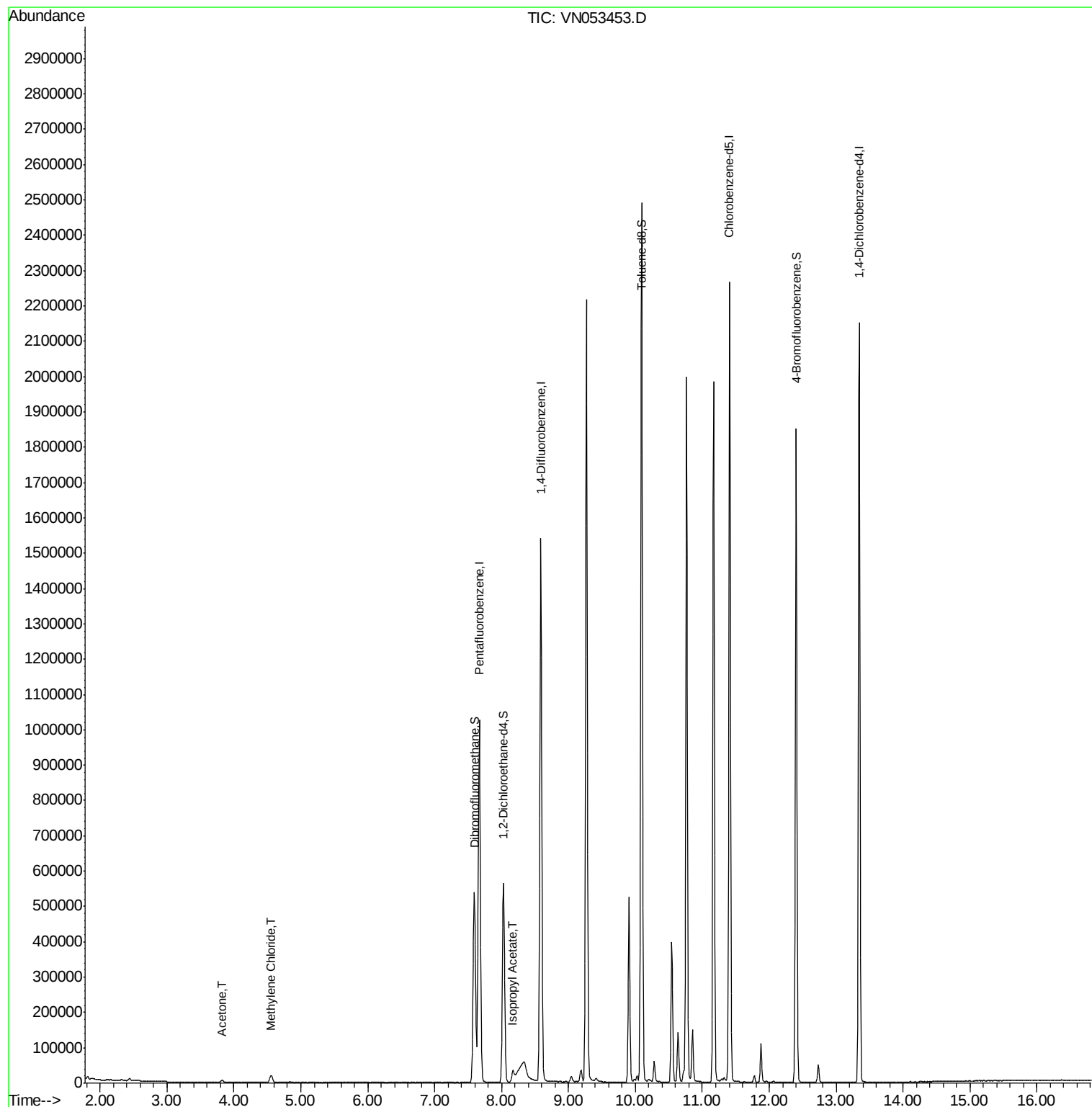
Quant Time: Jan 18 01:29:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	911358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1434774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1372325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	616412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	470000	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
35) Dibromofluoromethane	7.59	113	416073	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	10.09	98	1791972	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.40	95	622858	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
Target Compounds						
16) Acetone	3.82	43	11932	5.646	ug/l	95
20) Methylene Chloride	4.55	84	17253	1.788	ug/l #	85
43) Isopropyl Acetate	8.17	43	51775	3.830	ug/l #	76

(#) = 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: VN053453.D

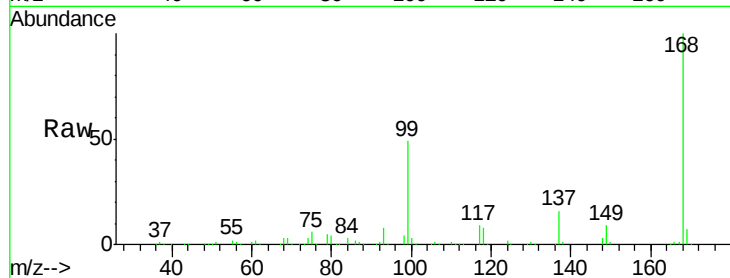
Acq: 17 Jan 2019 23:34

Tot Ion:168 Resp: 911358

Ion Ratio Lower Upper

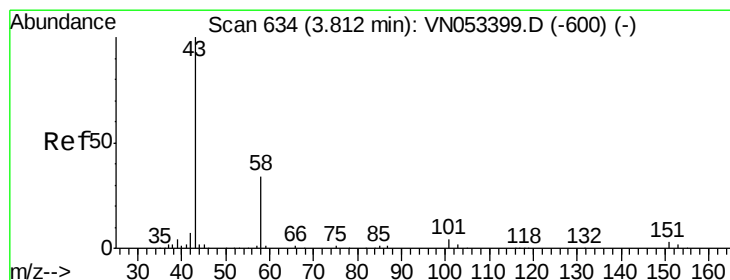
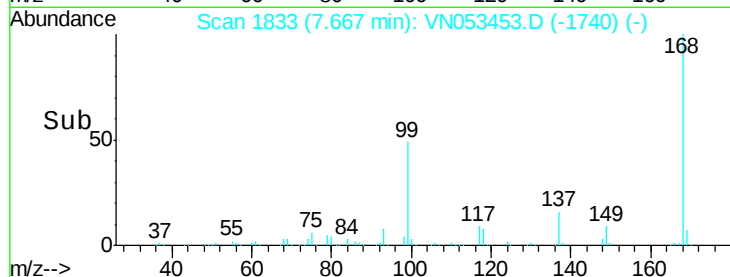
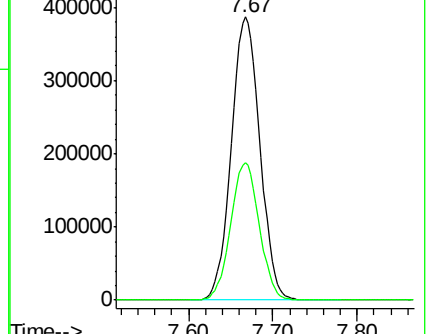
168 100

99 48.7 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: 5.646 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053453.D

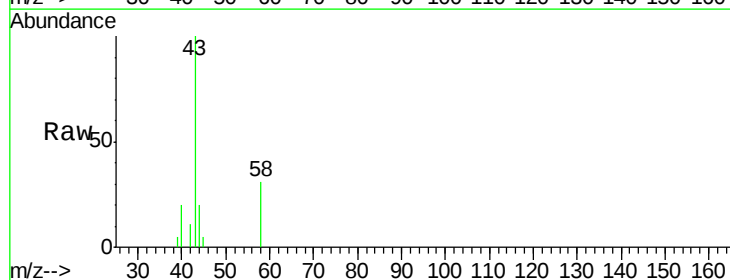
Acq: 17 Jan 2019 23:34

Tgt Ion: 43 Resp: 11932

Ion Ratio Lower Upper

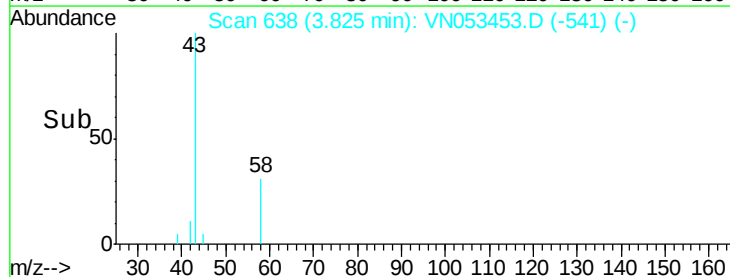
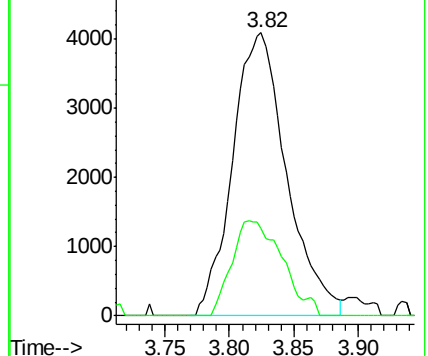
43 100

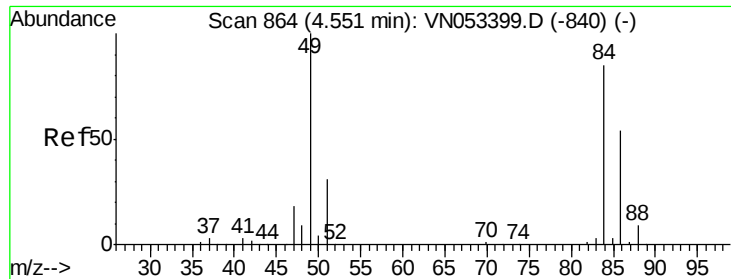
58 30.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

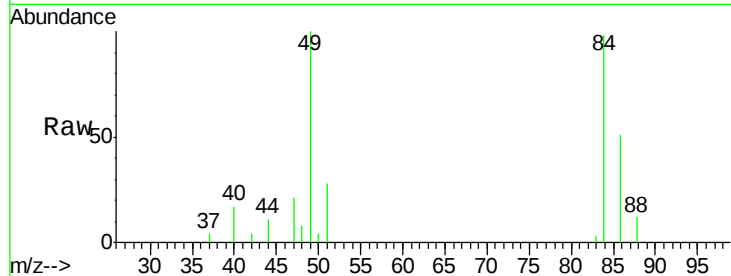
Ion 58.00 (57.70 to 58.70): VNO



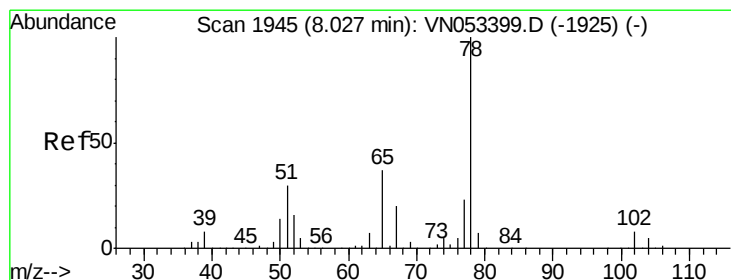
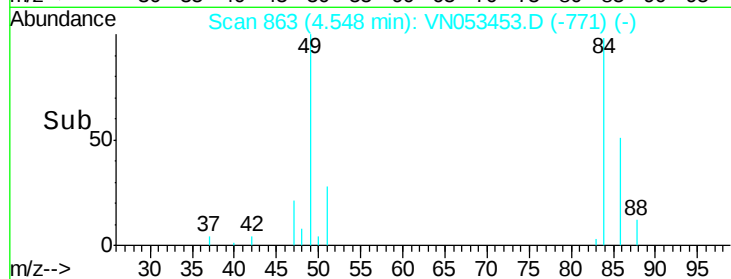
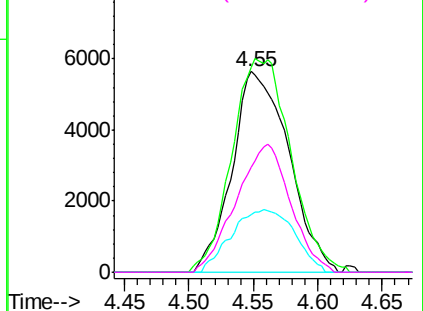


#20
Methylene Chloride
Concen: 1.788 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN053453.D
Acq: 17 Jan 2019 23:34

Tot Ion: 84 Resp: 17253
Ion Ratio Lower Upper
84 100
49 102.1 94.3 141.5
51 28.5 29.4 44.2#
86 52.1 51.4 77.0

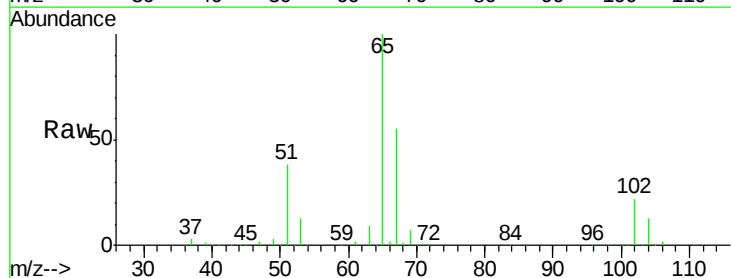


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

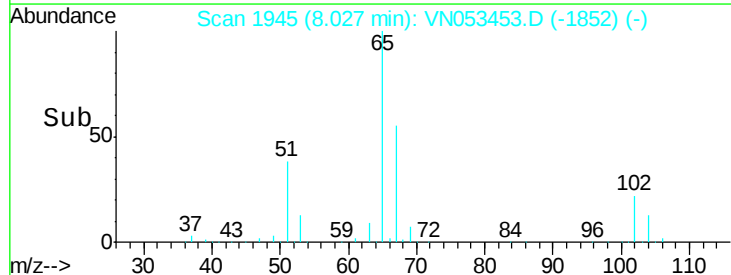
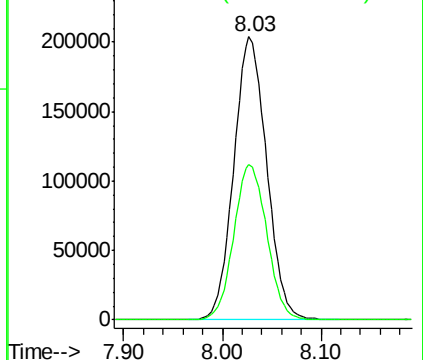


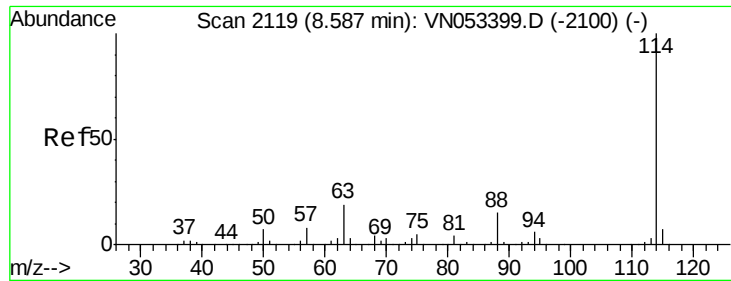
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053453.D
Acq: 17 Jan 2019 23:34

Tgt Ion: 65 Resp: 470000
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

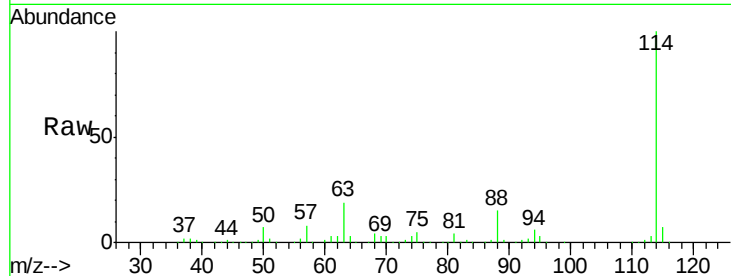




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053453.D
 Acq: 17 Jan 2019 23:34

Tot Ion:114 Resp: 1434774

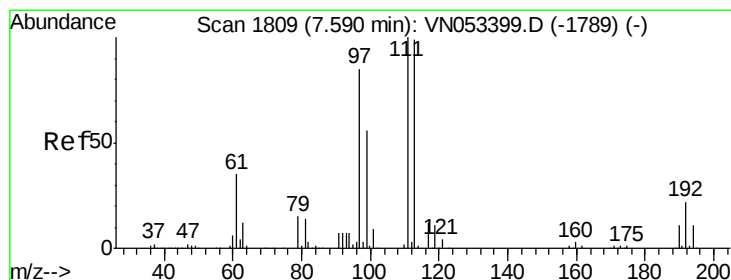
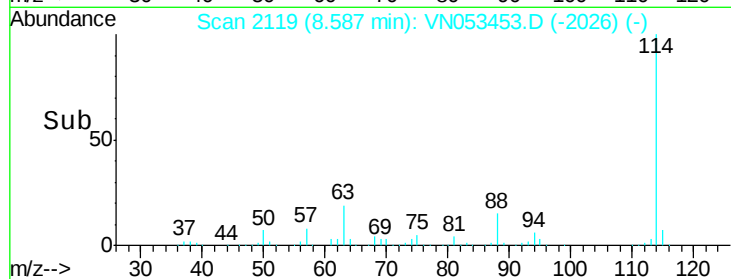
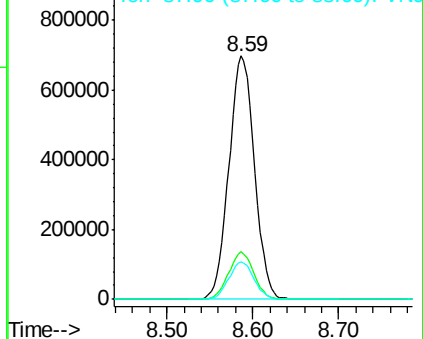
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.4	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

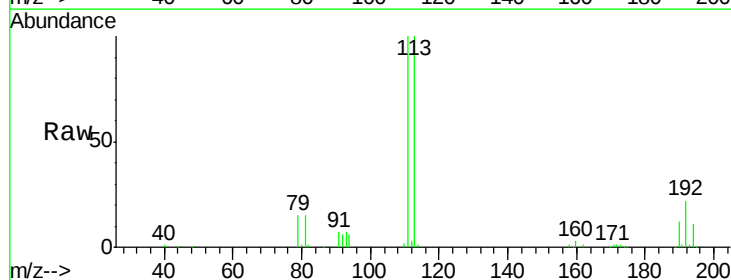
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053453.D
 Acq: 17 Jan 2019 23:34

Tgt Ion:113 Resp: 416073

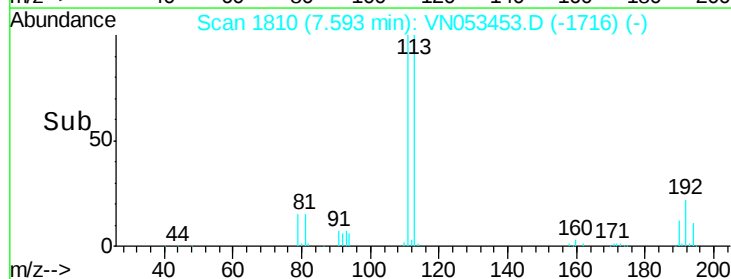
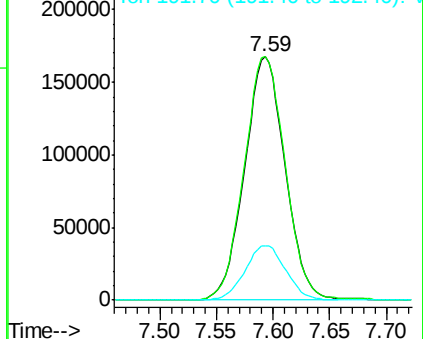
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	22.6	18.2	27.2

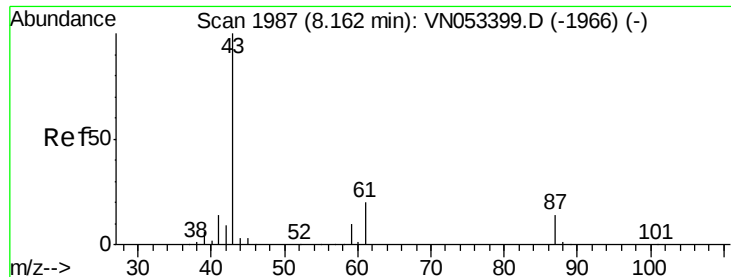


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.830 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053453.D

Acq: 17 Jan 2019 23:34

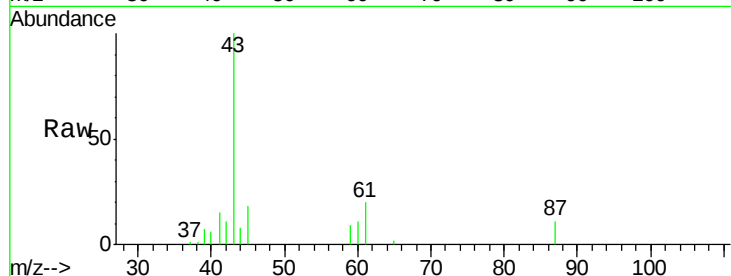
Tot Ion: 43 Resp: 51775

Ion Ratio Lower Upper

43 100

61 14.2 23.9 35.9#

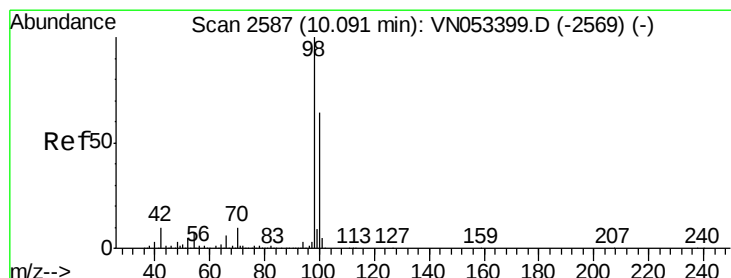
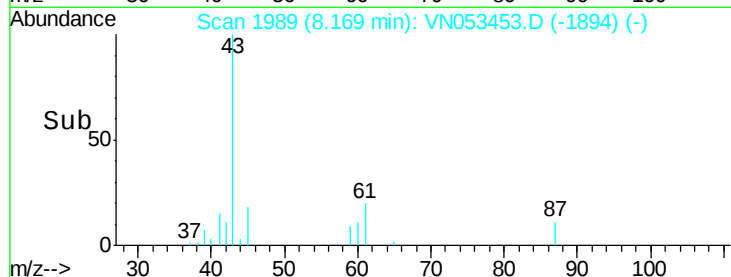
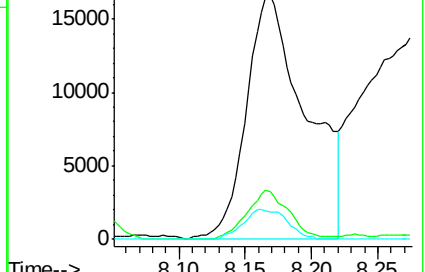
87 9.0 11.0 16.6#



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: VN053453.D

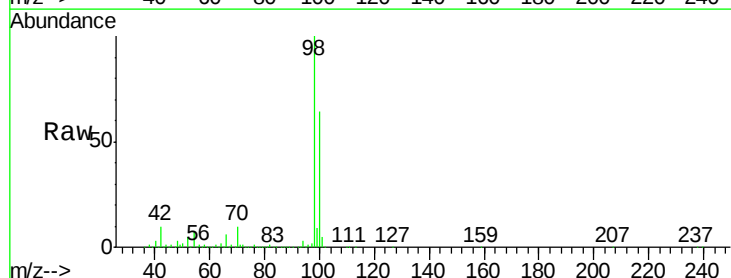
Acq: 17 Jan 2019 23:34

Tgt Ion: 98 Resp: 1791972

Ion Ratio Lower Upper

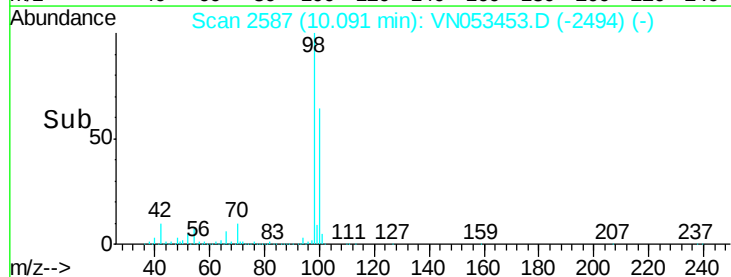
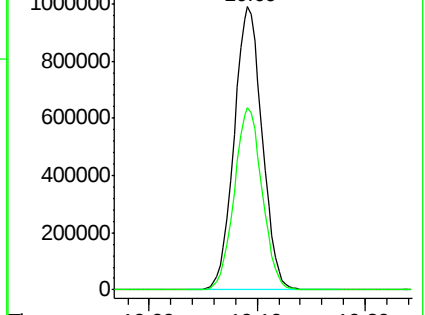
98 100

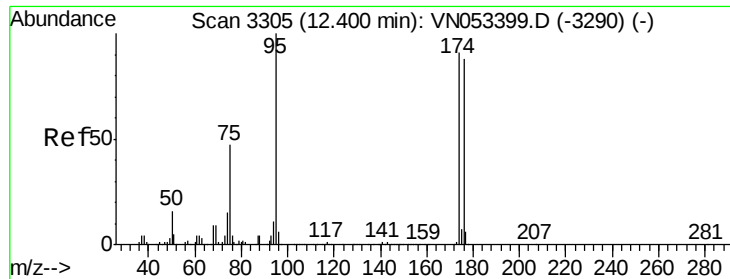
100 64.0 51.4 77.0



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: VN053453.D

Acq: 17 Jan 2019 23:34

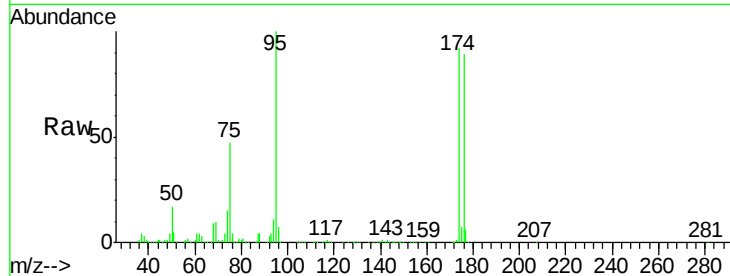
Tot Ion: 95 Resp: 622858

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

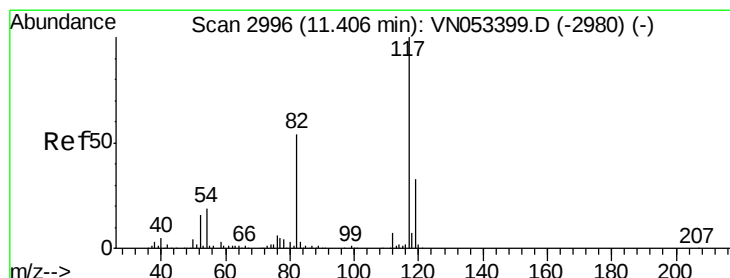
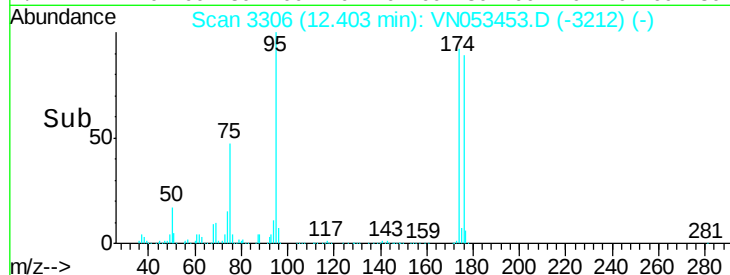
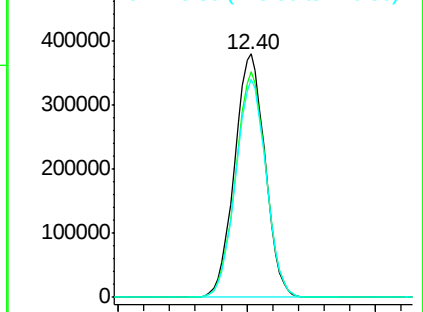
176 89.5 0.0 177.4



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: VN053453.D

Acq: 17 Jan 2019 23:34

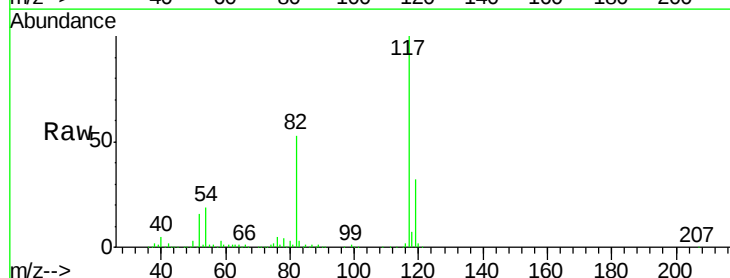
Tgt Ion: 117 Resp: 1372325

Ion Ratio Lower Upper

117 100

82 53.2 42.9 64.3

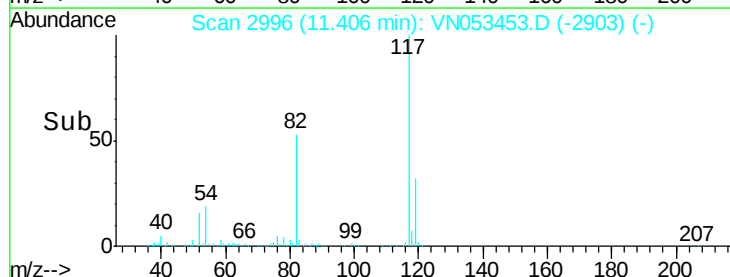
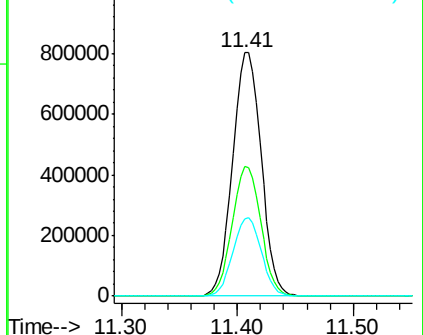
119 32.0 26.0 39.0

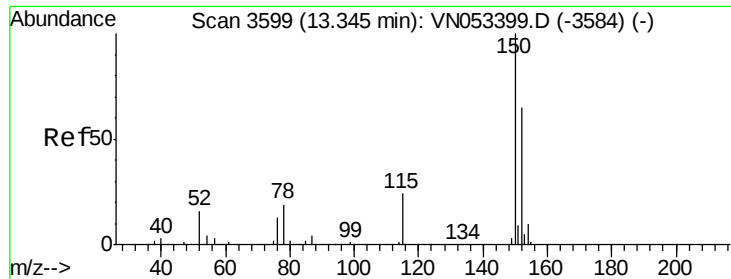


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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

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

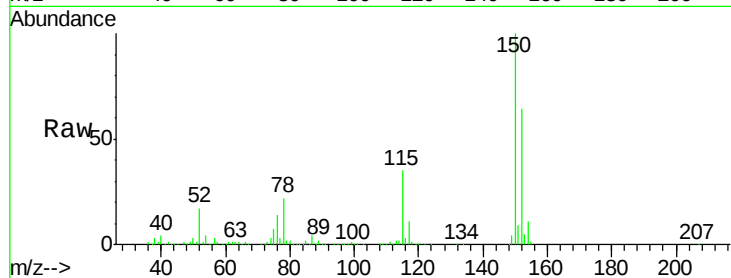




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053453.D
 Acq: 17 Jan 2019 23:34

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.8	83.4
150	156.6	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

