

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053913.D
 Acq On : 22 Feb 2019 13:58
 Operator : JC/SP
 Sample : K1546-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

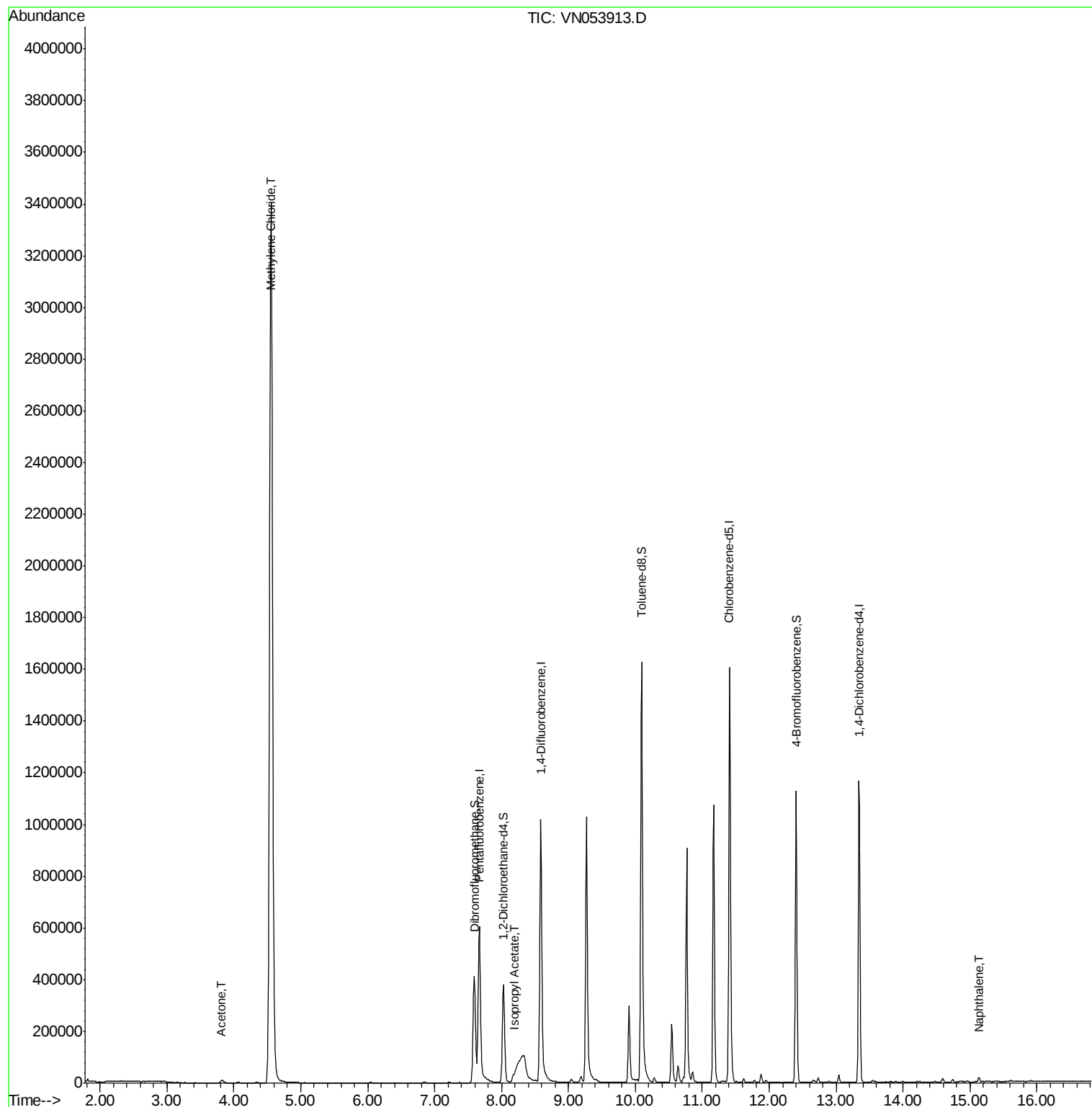
Quant Time: Feb 22 22:53:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

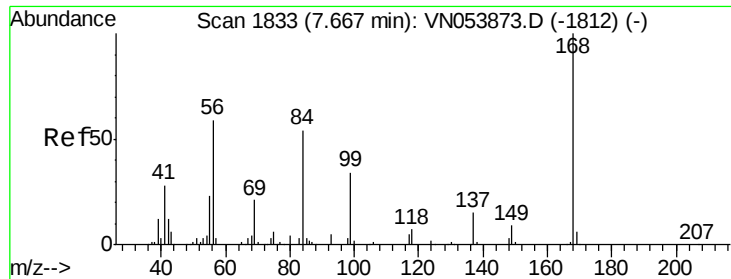
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1075094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1072846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	324203	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
35) Dibromofluoromethane	7.59	113	325714	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
50) Toluene-d8	10.09	98	1346755	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.40	95	393601	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
Target Compounds						
16) Acetone	3.82	43	19808	11.841	ug/l	99
20) Methylene Chloride	4.55	84	2792641	445.915	ug/l	100
43) Isopropyl Acetate	8.18	43	27659	2.631	ug/l #	90
95) Naphthalene	15.13	128	16093	5.672	ug/l	98

(#) = 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: VN053913.D

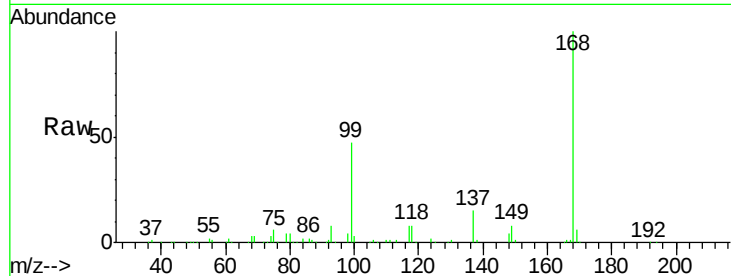
Acq: 22 Feb 2019 13:58

Tot Ion:168 Resp: 595166

Ion Ratio Lower Upper

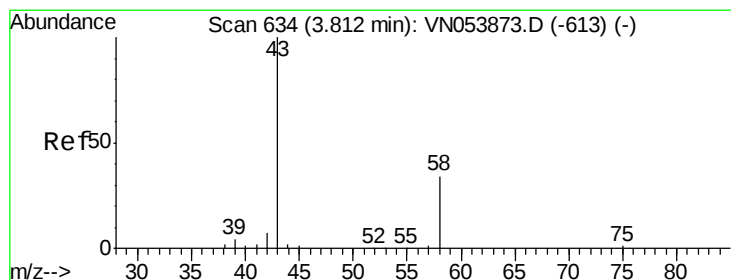
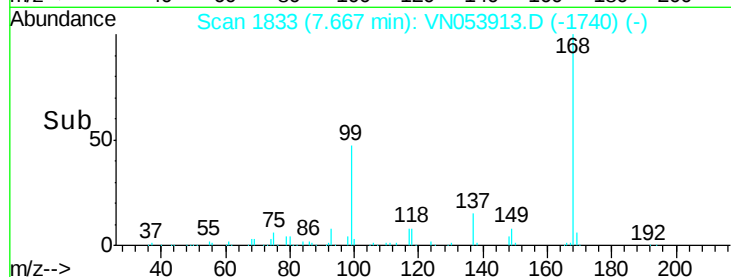
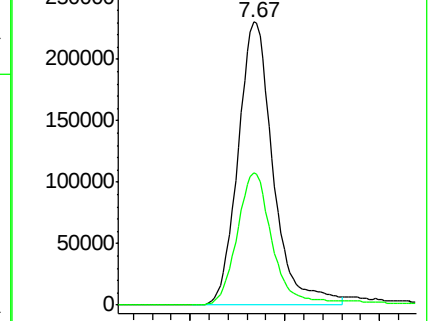
168 100

99 46.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.841 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053913.D

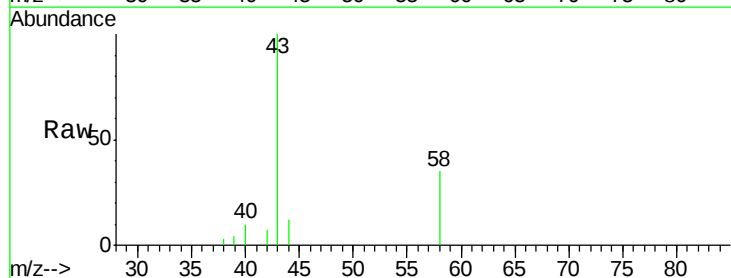
Acq: 22 Feb 2019 13:58

Tgt Ion: 43 Resp: 19808

Ion Ratio Lower Upper

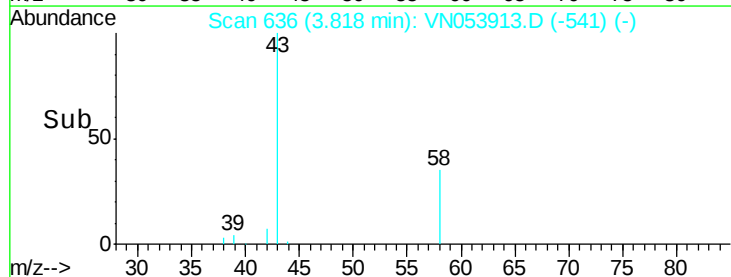
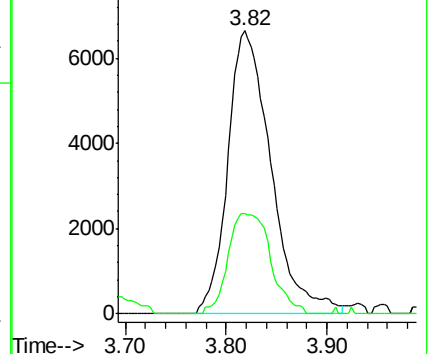
43 100

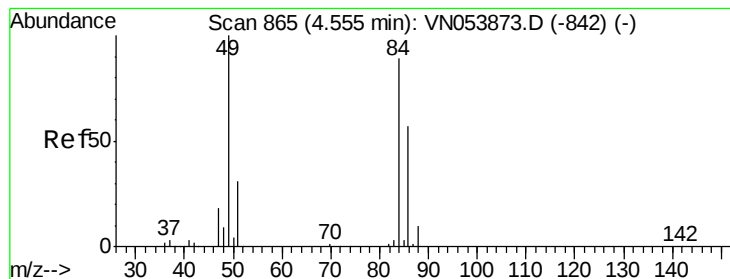
58 35.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 445.915 ug/l

RT: 4.55 min Scan# 865

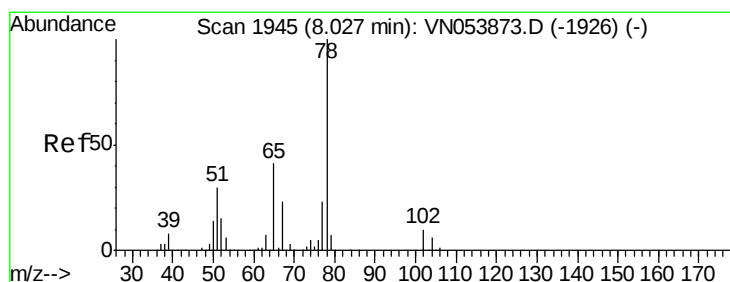
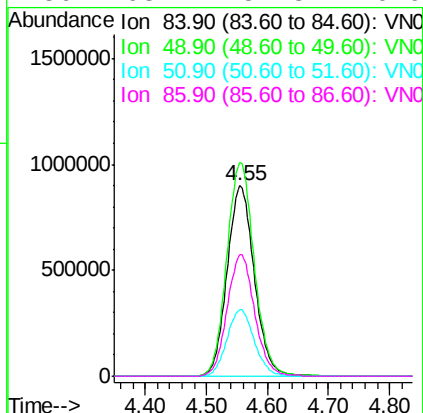
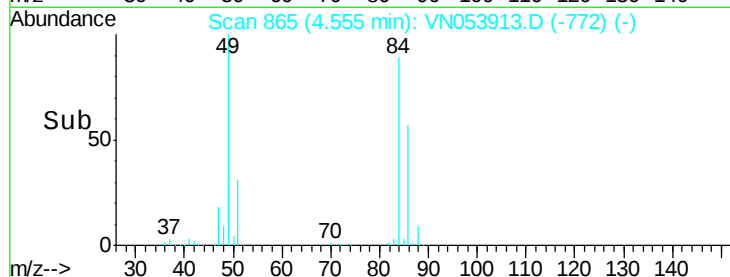
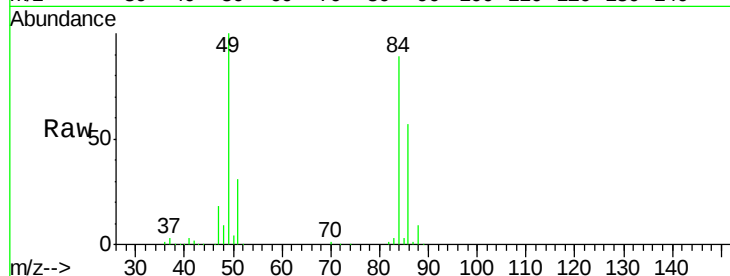
Delta R.T. 0.00 min

Lab File: VN053913.D

Acq: 22 Feb 2019 13:58

Tot Ion: 84 Resp: 2792641

Ion	Ratio	Lower	Upper
84	100		
49	112.0	89.7	134.5
51	35.1	27.8	41.8
86	63.7	51.3	76.9



#33

1,2-Dichloroethane-d4

Concen: 53.301 ug/l

RT: 8.03 min Scan# 1945

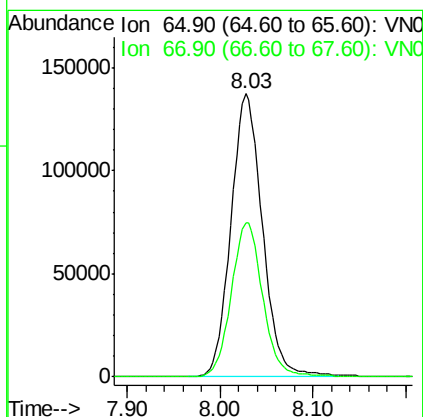
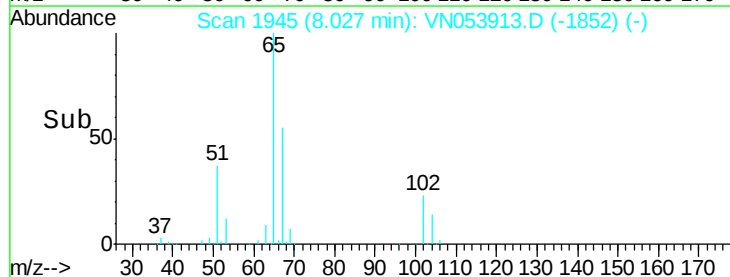
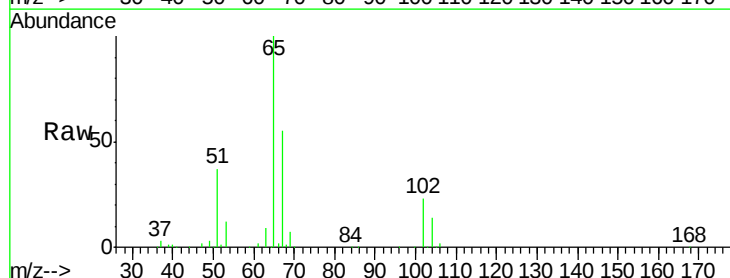
Delta R.T. 0.00 min

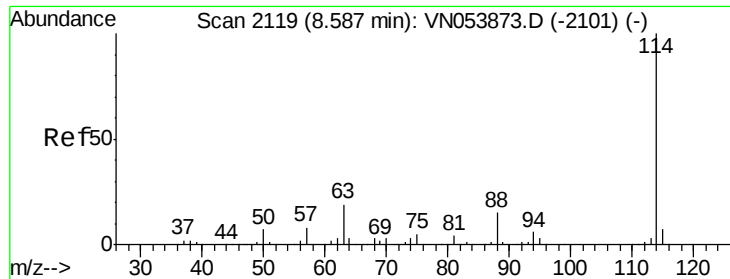
Lab File: VN053913.D

Acq: 22 Feb 2019 13:58

Tgt Ion: 65 Resp: 324203

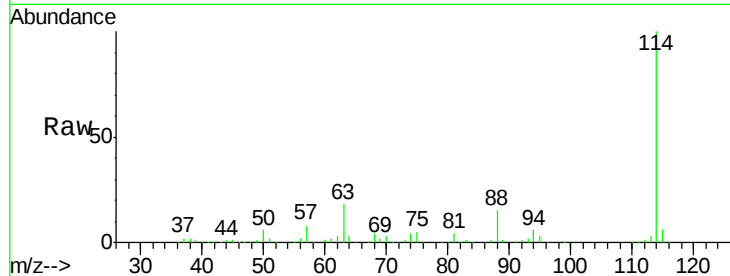
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.8



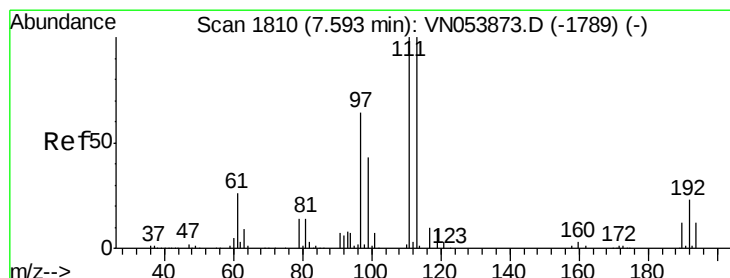
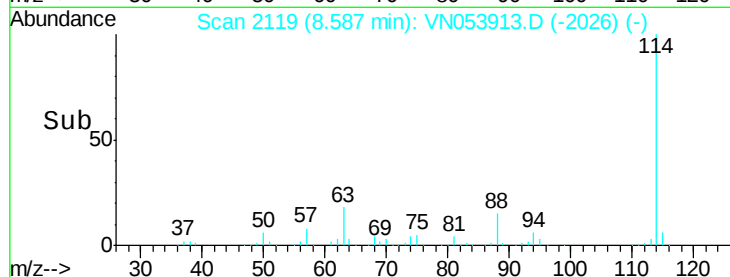
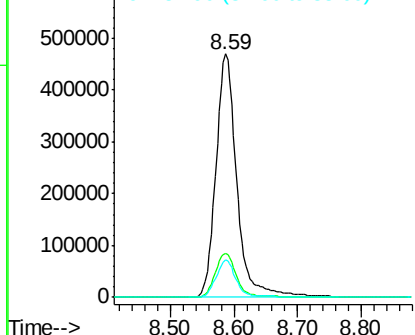


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053913.D
 Acq: 22 Feb 2019 13:58

Tot Ion:114 Resp: 1075094
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.4
 88 15.3 0.0 30.4

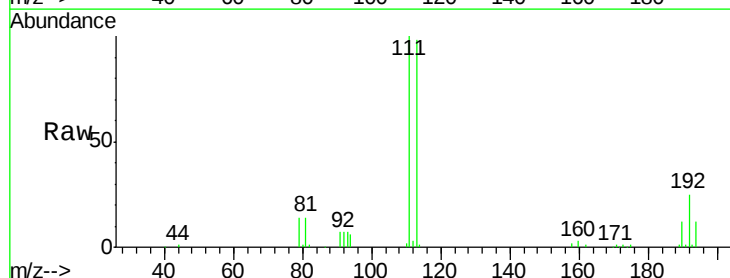


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

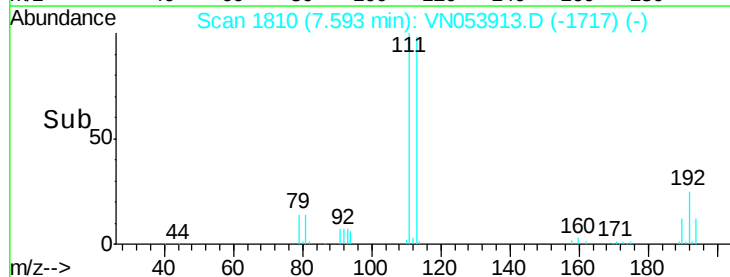
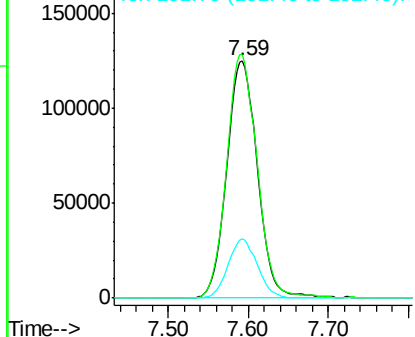


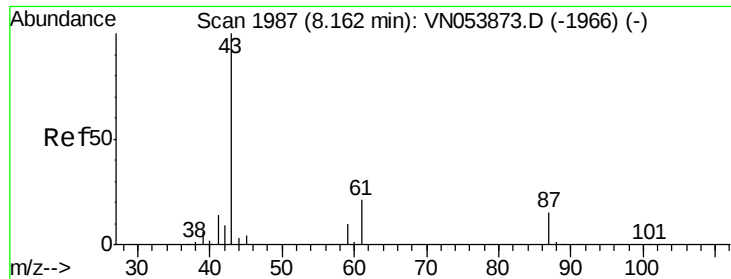
#35
 Dibromofluoromethane
 Concen: 46.164 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053913.D
 Acq: 22 Feb 2019 13:58

Tgt Ion:113 Resp: 325714
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 23.9 18.8 28.2



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: 2.631 ug/l

RT: 8.18 min Scan# 1992

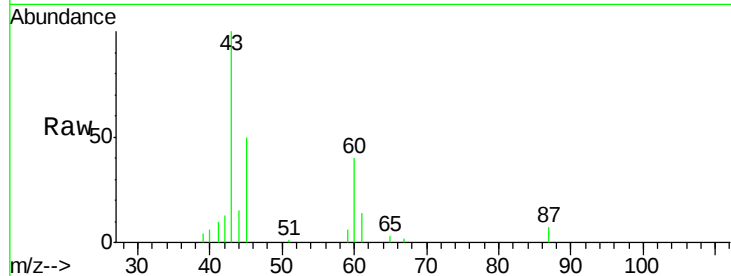
Delta R.T. 0.02 min

Lab File: VN053913.D

Acq: 22 Feb 2019 13:58

Tot Ion: 43 Resp: 27659

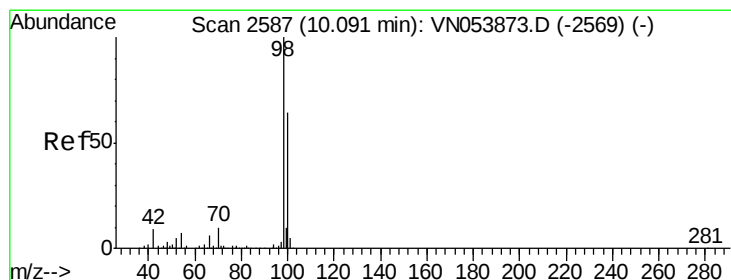
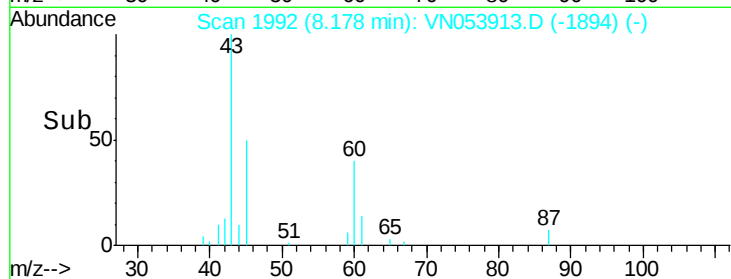
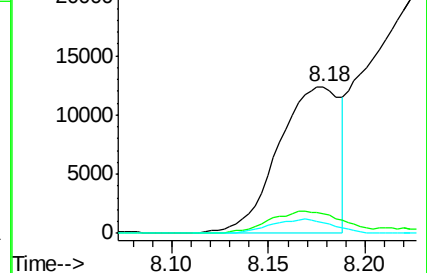
Ion	Ratio	Lower	Upper
43	100		
61	17.5	17.4	26.0
87	9.5	11.5	17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053873.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053873.D (-1966) (-)



#50

Toluene-d8

Concen: 52.849 ug/l

RT: 10.09 min Scan# 2587

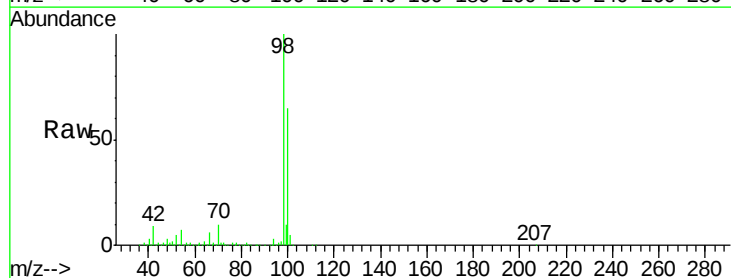
Delta R.T. 0.00 min

Lab File: VN053913.D

Acq: 22 Feb 2019 13:58

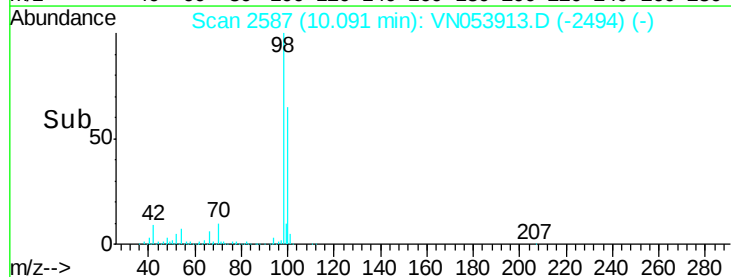
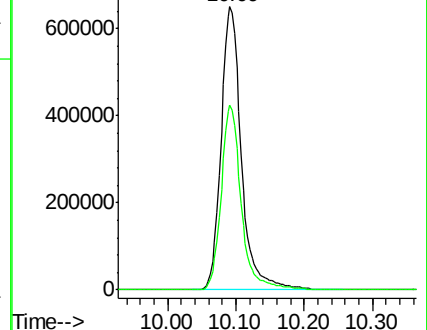
Tgt Ion: 98 Resp: 1346755

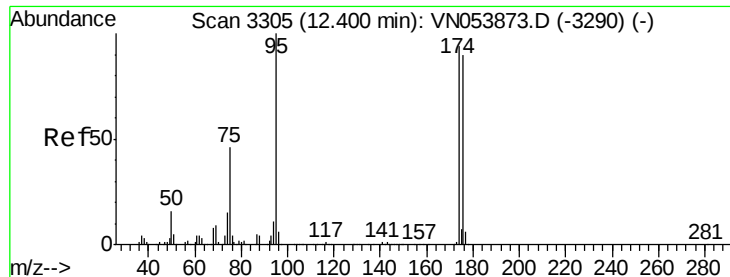
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053873.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053873.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 46.785 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053913.D

Acq: 22 Feb 2019 13:58

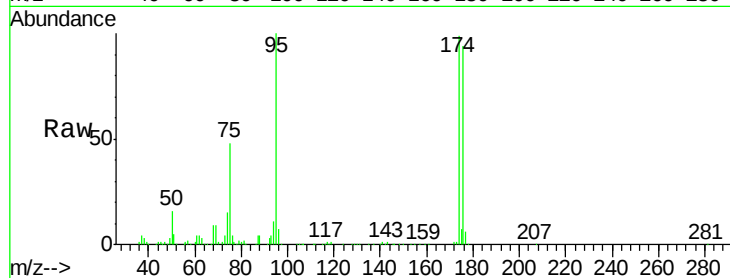
Tot Ion: 95 Resp: 393601

Ion Ratio Lower Upper

95 100

174 96.9 0.0 188.8

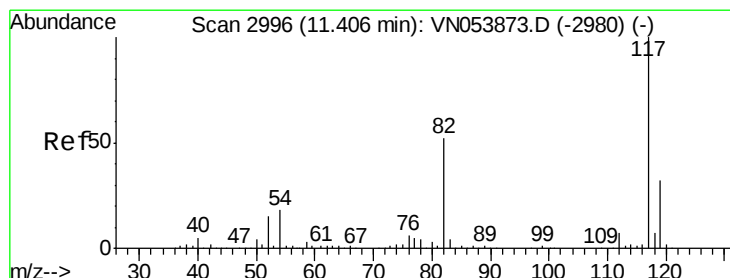
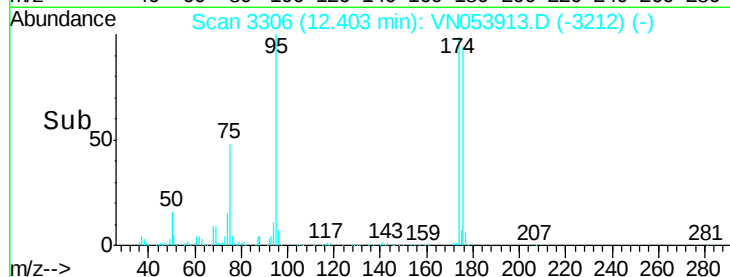
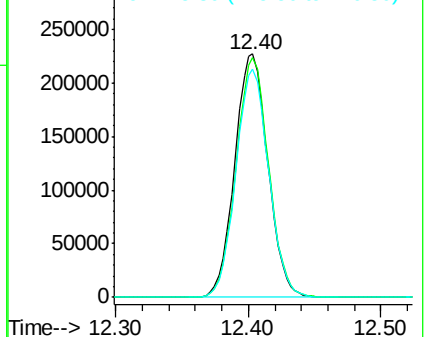
176 92.9 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053873.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053873.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053873.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053913.D

Acq: 22 Feb 2019 13:58

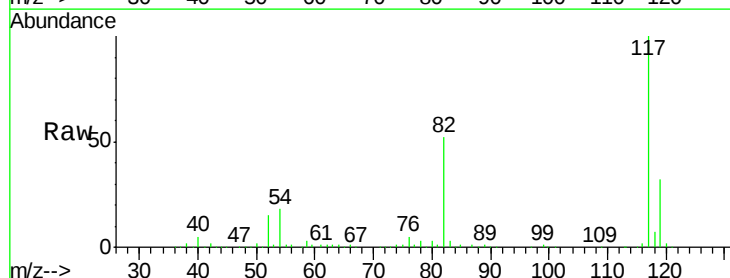
Tgt Ion: 117 Resp: 1072846

Ion Ratio Lower Upper

117 100

82 51.9 41.4 62.2

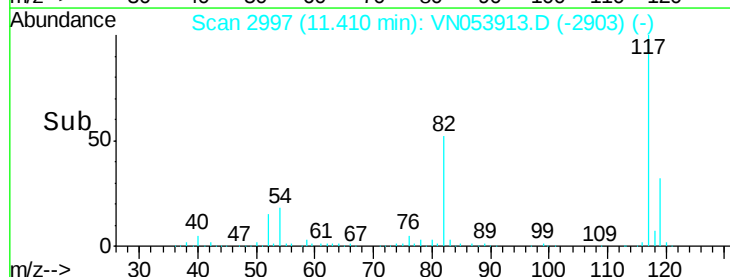
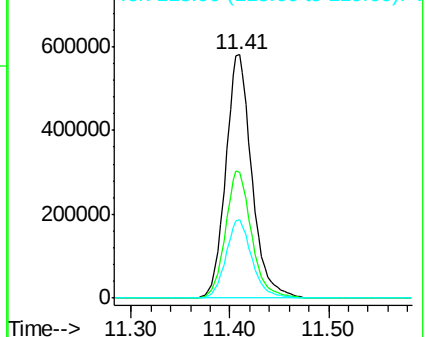
119 32.1 25.3 37.9

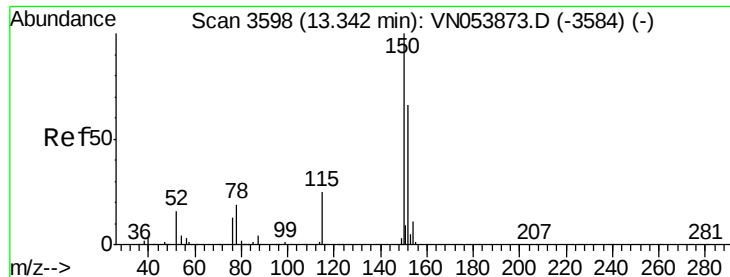


Abundance Ion 116.90 (116.60 to 117.60): VN053873.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053873.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053873.D (-2980) (-)

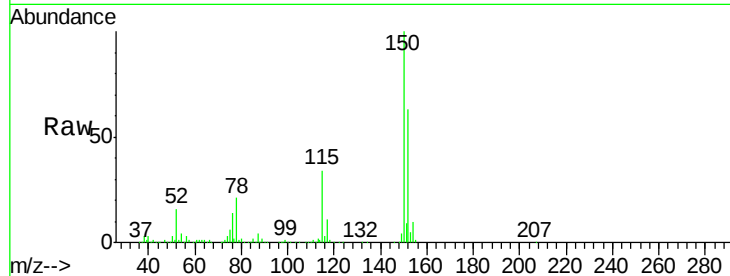




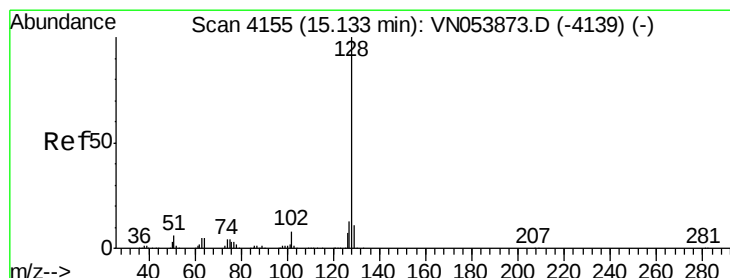
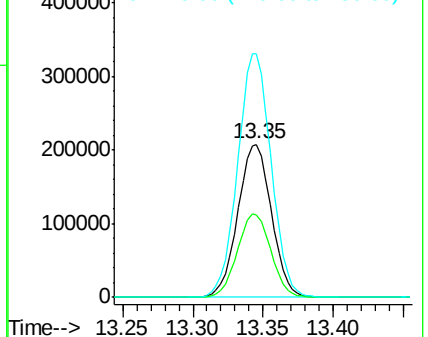
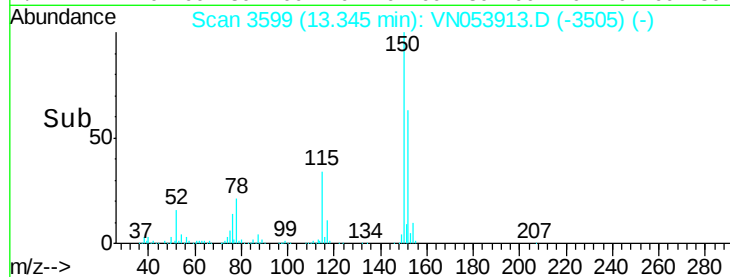
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053913.D
Acq: 22 Feb 2019 13:58

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.2	81.6
150	158.7	0.0	348.2



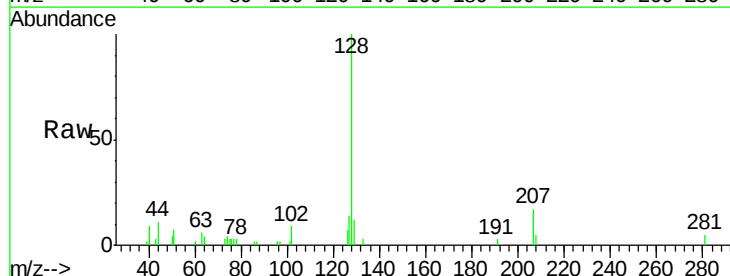
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 5.672 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053913.D
Acq: 22 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.2
129	11.5	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

