

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053915.D
 Acq On : 22 Feb 2019 14:52
 Operator : JC/SP
 Sample : K1547-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

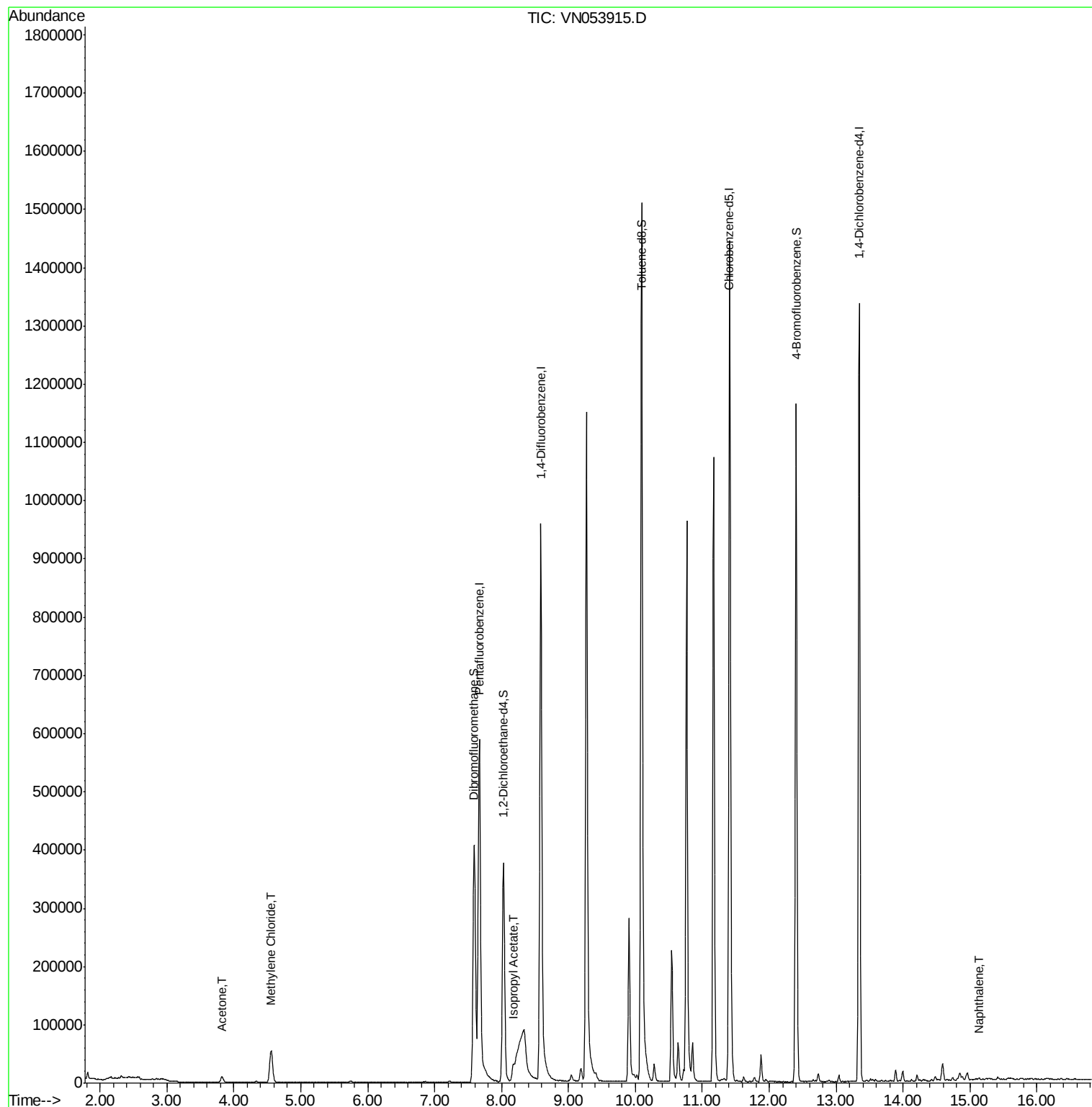
Quant Time: Feb 22 23:22:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

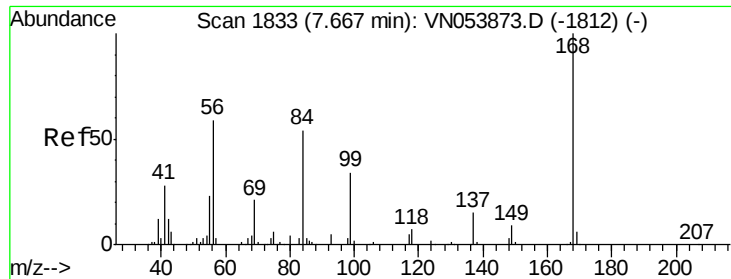
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	603534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1027794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	979992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	391872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	326830	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
35) Dibromofluoromethane	7.59	113	326938	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	10.09	98	1253277	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	410175	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
Target Compounds						
16) Acetone	3.82	43	19157	11.293	ug/l	96
20) Methylene Chloride	4.56	84	45788	7.210	ug/l	91
43) Isopropyl Acetate	8.17	43	35476	3.530	ug/l #	86
95) Naphthalene	15.13	128	3910	4.841	ug/l #	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053915.D

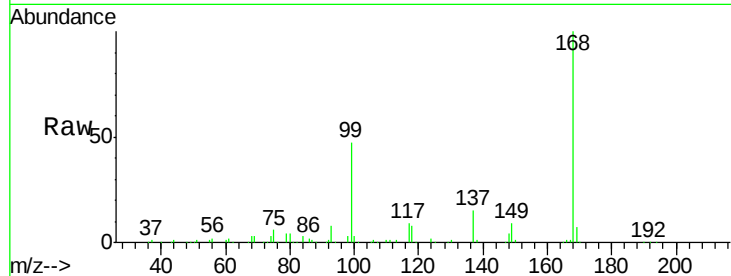
Acq: 22 Feb 2019 14:52

Tot Ion:168 Resp: 603534

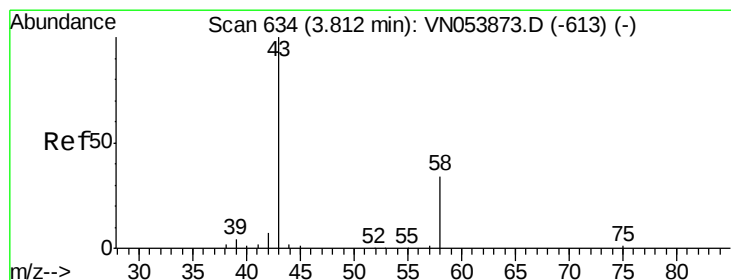
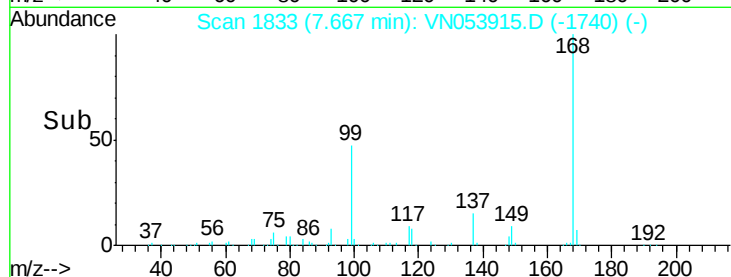
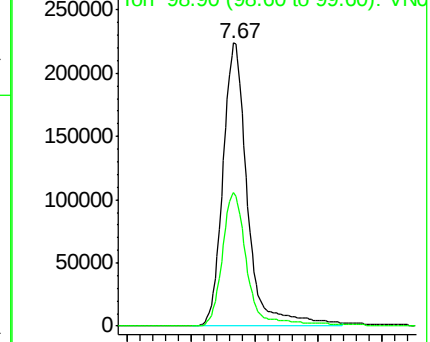
Ion Ratio Lower Upper

168 100

99 47.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053915.D (-1740) (-)



#16

Acetone

Concen: 11.293 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053915.D

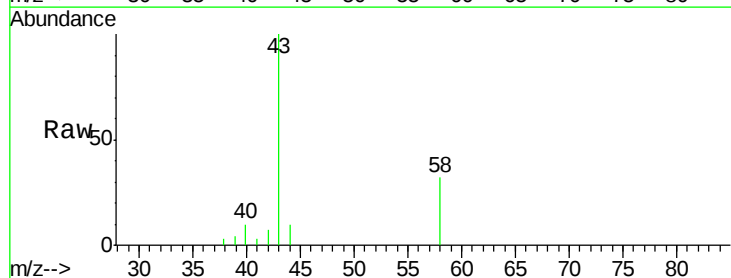
Acq: 22 Feb 2019 14:52

Tgt Ion: 43 Resp: 19157

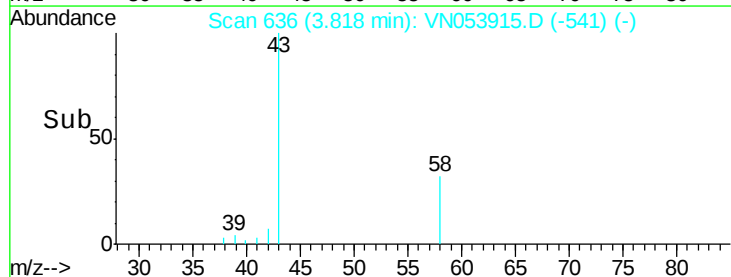
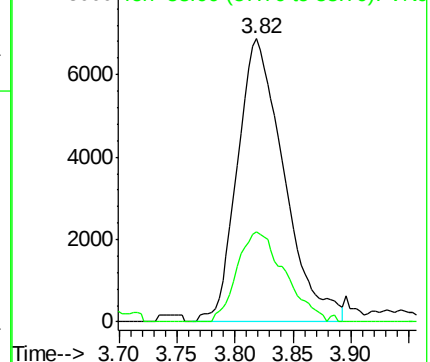
Ion Ratio Lower Upper

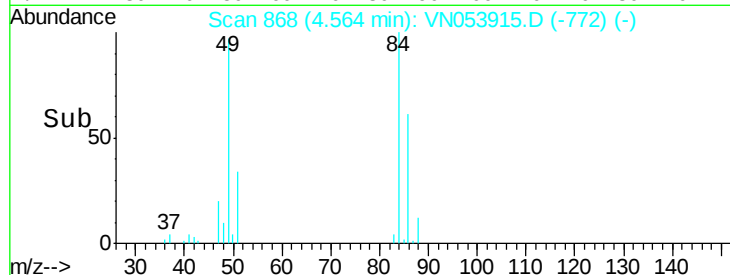
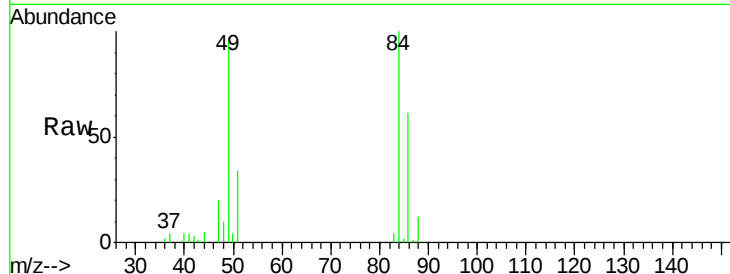
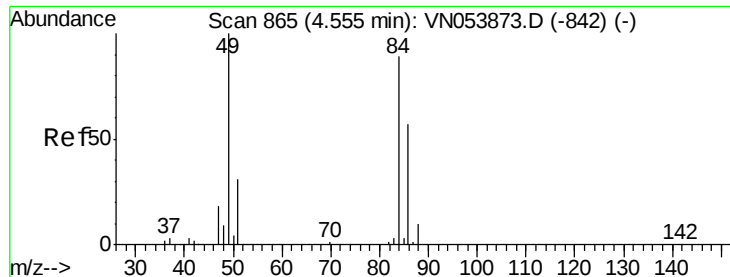
43 100

58 32.0 27.6 41.4



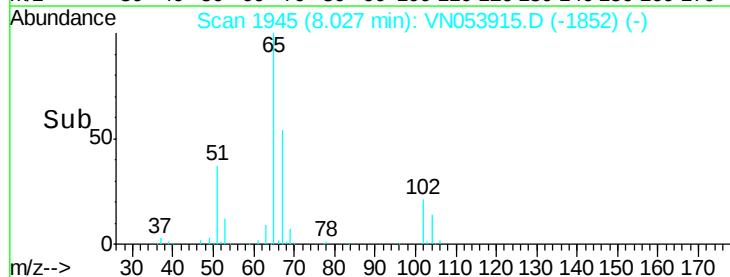
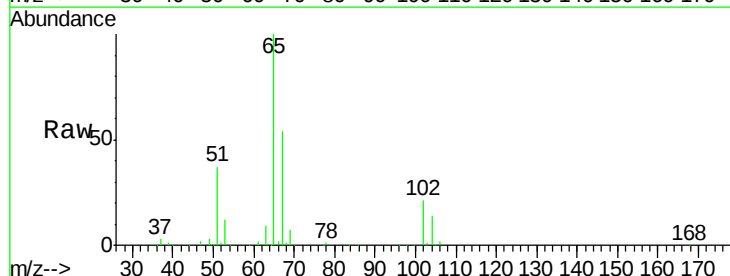
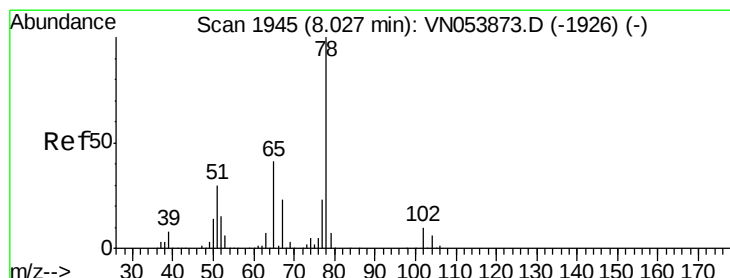
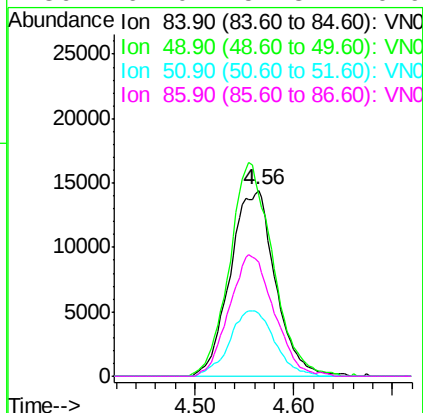
Abundance Ion 43.00 (42.70 to 43.70): VN053915.D (-541) (-)





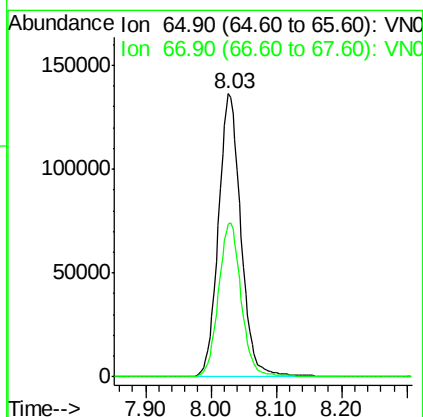
#20
Methvlene Chloride
Concen: 7.210 ug/l
RT: 4.56 min Scan# 868
Delta R.T. 0.01 min
Lab File: VN053915.D
Acq: 22 Feb 2019 14:52

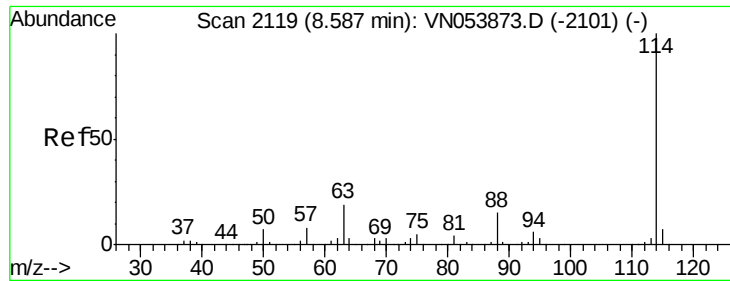
Tot Ion:	84	Resp:	45788
Ion	Ratio	Lower	Upper
84	100		
49	97.2	89.7	134.5
51	33.8	27.8	41.8
86	61.0	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 52.988 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053915.D
Acq: 22 Feb 2019 14:52

Tgt Ion:	65	Resp:	326830
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	111.8

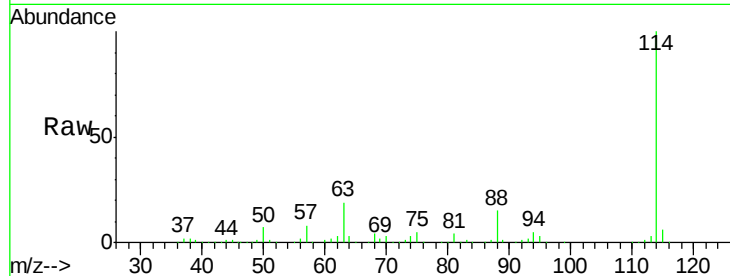




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053915.D
 Acq: 22 Feb 2019 14:52

Tot Ion:114 Resp: 1027794

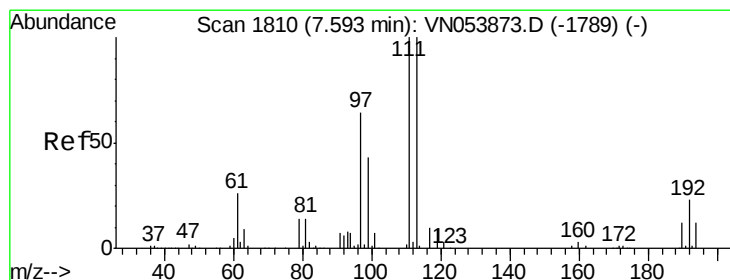
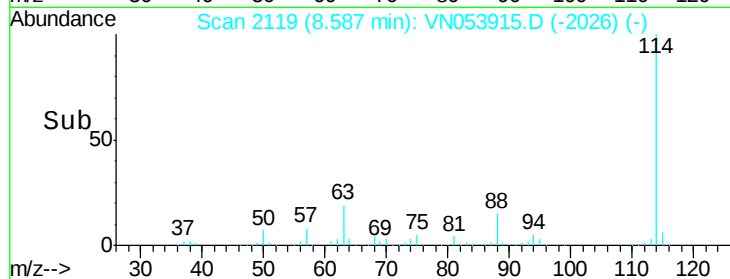
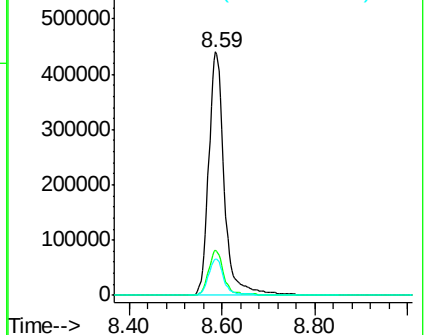
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	37.4
88	15.1	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

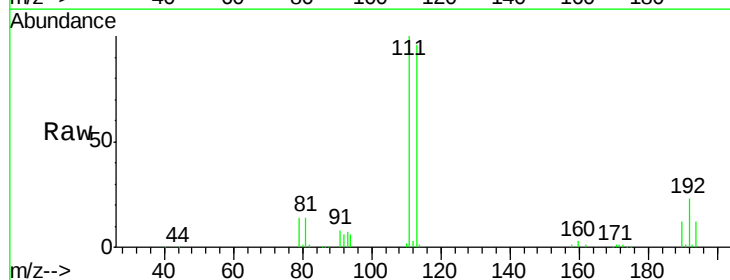
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 48.470 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053915.D
 Acq: 22 Feb 2019 14:52

Tgt Ion:113 Resp: 326938

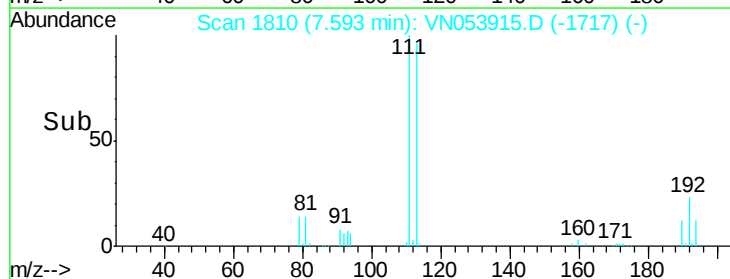
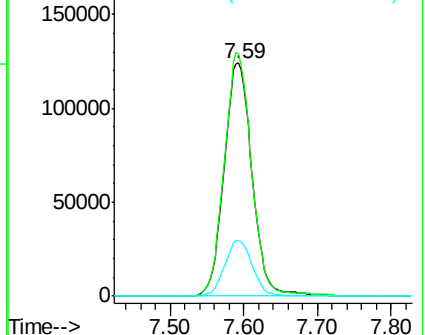
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.1	121.7
192	23.5	18.8	28.2

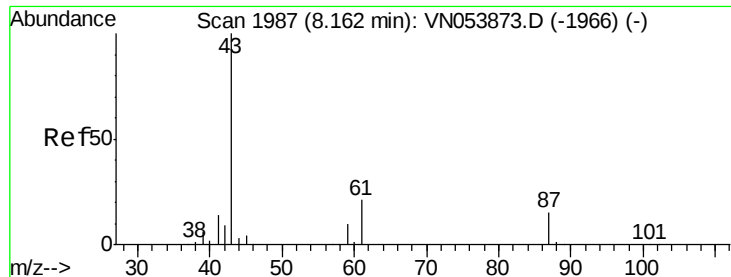


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.530 ug/l

RT: 8.17 min Scan# 1990

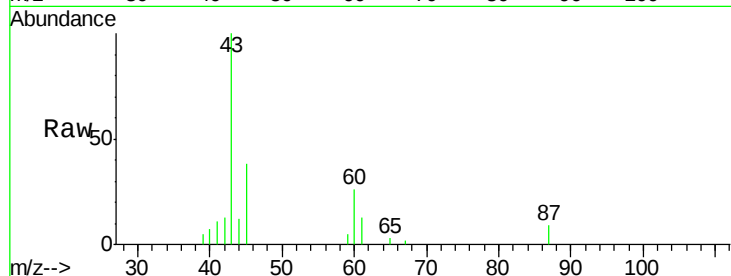
Delta R.T. 0.01 min

Lab File: VN053915.D

Acq: 22 Feb 2019 14:52

Tot Ion: 43 Resp: 35476

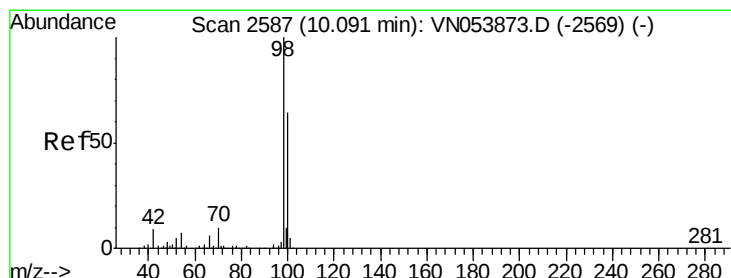
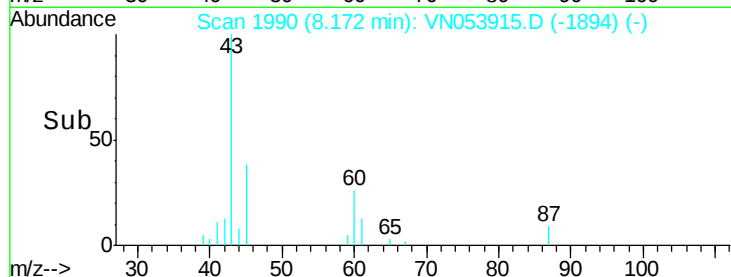
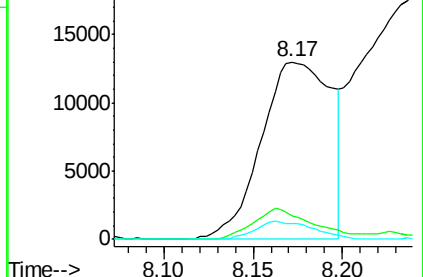
Ion	Ratio	Lower	Upper
43	100		
61	14.8	17.4	26.0#
87	8.5	11.5	17.3#



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: 51.444 ug/l

RT: 10.09 min Scan# 2587

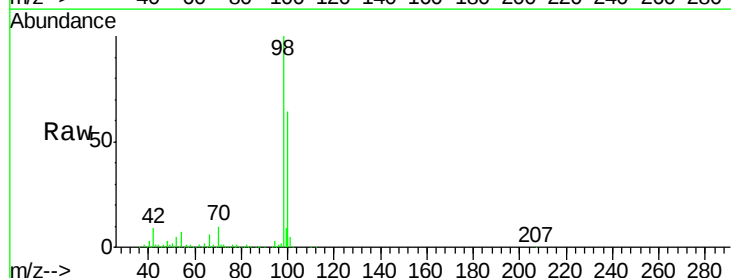
Delta R.T. 0.00 min

Lab File: VN053915.D

Acq: 22 Feb 2019 14:52

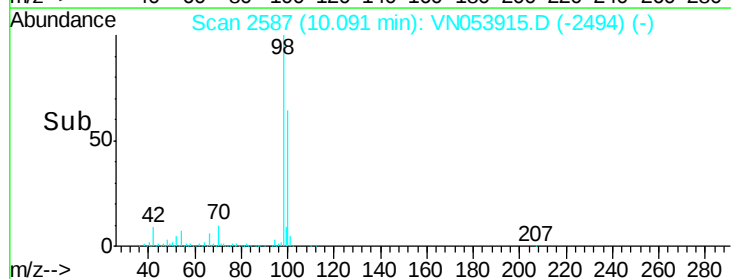
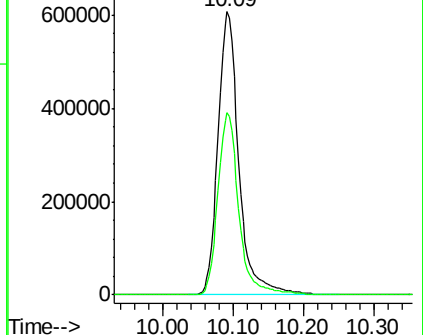
Tgt Ion: 98 Resp: 1253277

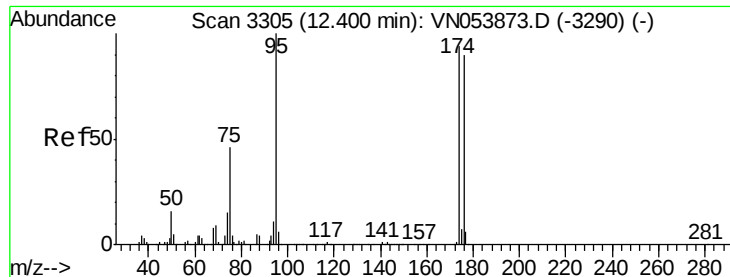
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9



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: 50.998 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053915.D

Acq: 22 Feb 2019 14:52

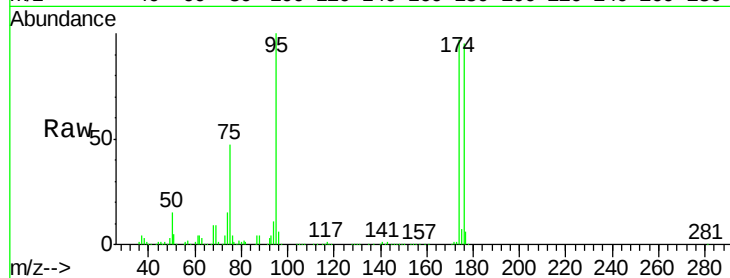
Tot Ion: 95 Resp: 410175

Ion Ratio Lower Upper

95 100

174 97.0 0.0 188.8

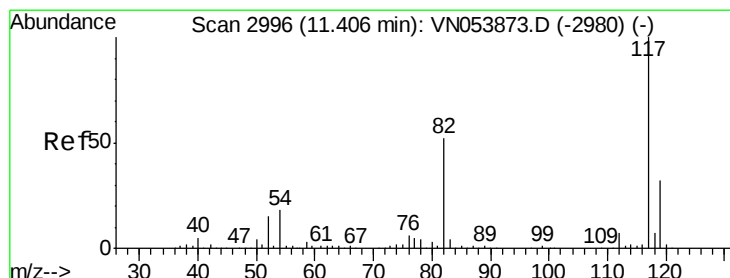
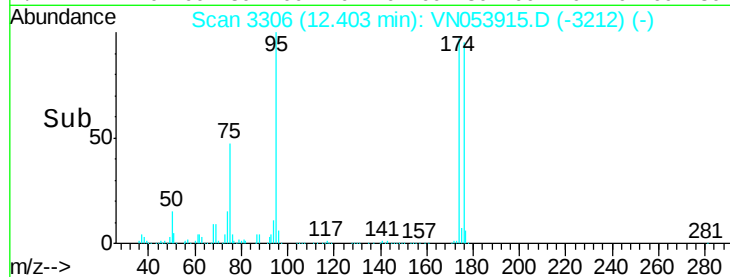
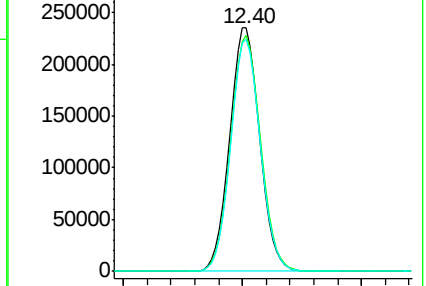
176 94.1 0.0 182.6



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# 2996

Delta R.T. 0.00 min

Lab File: VN053915.D

Acq: 22 Feb 2019 14:52

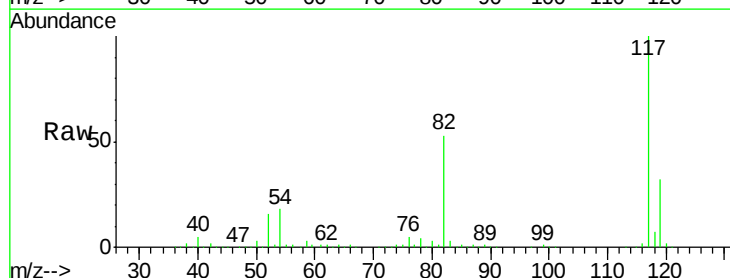
Tgt Ion: 117 Resp: 979992

Ion Ratio Lower Upper

117 100

82 52.7 41.4 62.2

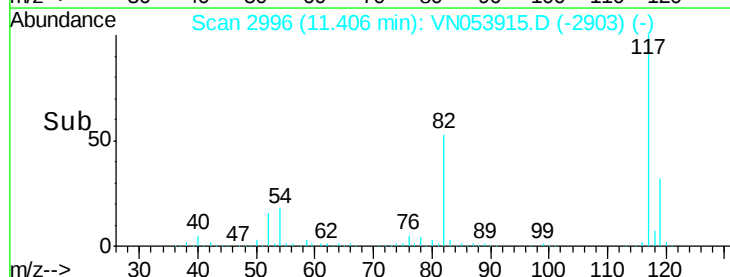
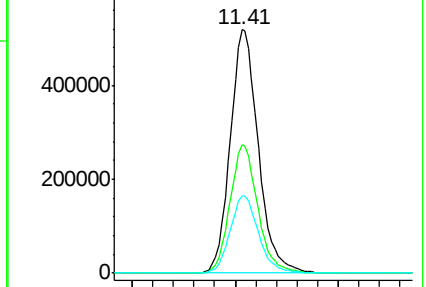
119 31.7 25.3 37.9

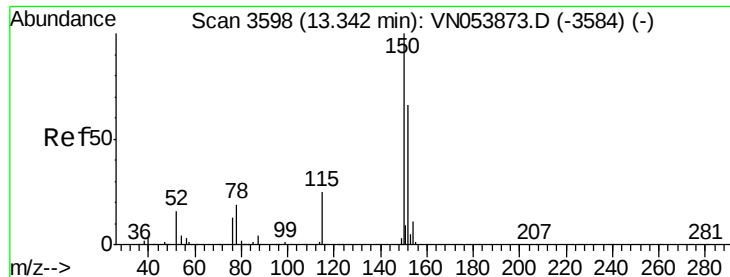


Abundance Ion 116.90 (116.60 to 117.60): VN053873.D (-2980) (-)

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

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

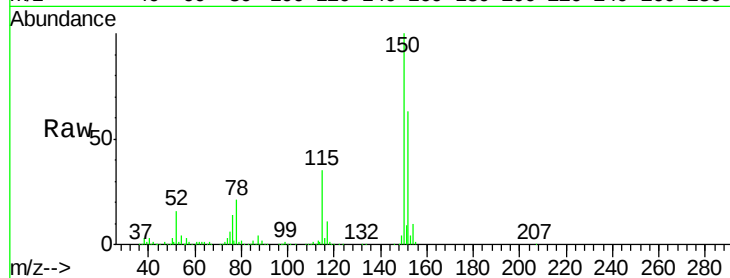




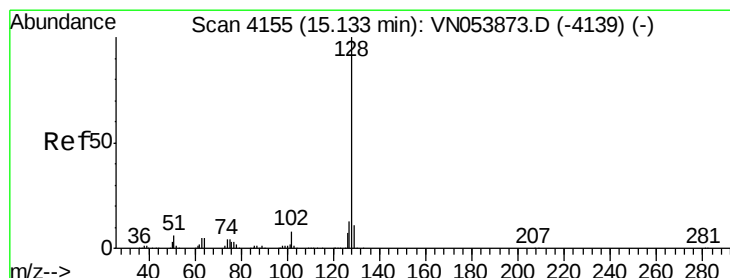
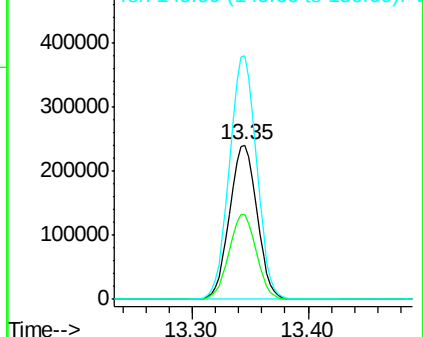
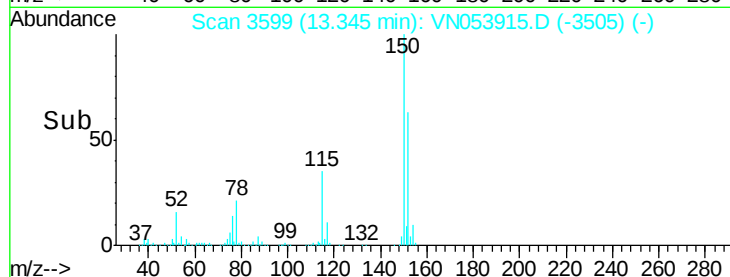
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053915.D
Acq: 22 Feb 2019 14:52

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.2	81.6
150	156.5	0.0	348.2



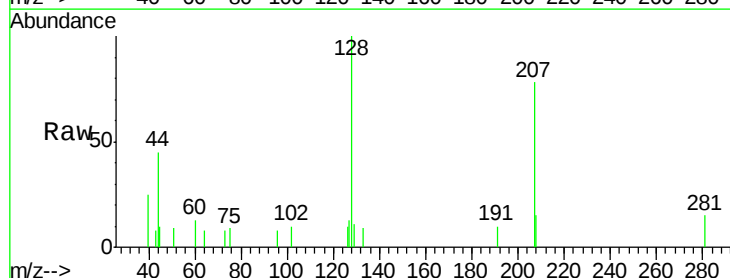
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.841 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN053915.D
Acq: 22 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.2	15.2
129	8.3	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

