

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053371.D
 Acq On : 11 Jan 2019 17:33
 Operator : JC/SP
 Sample : K1118-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

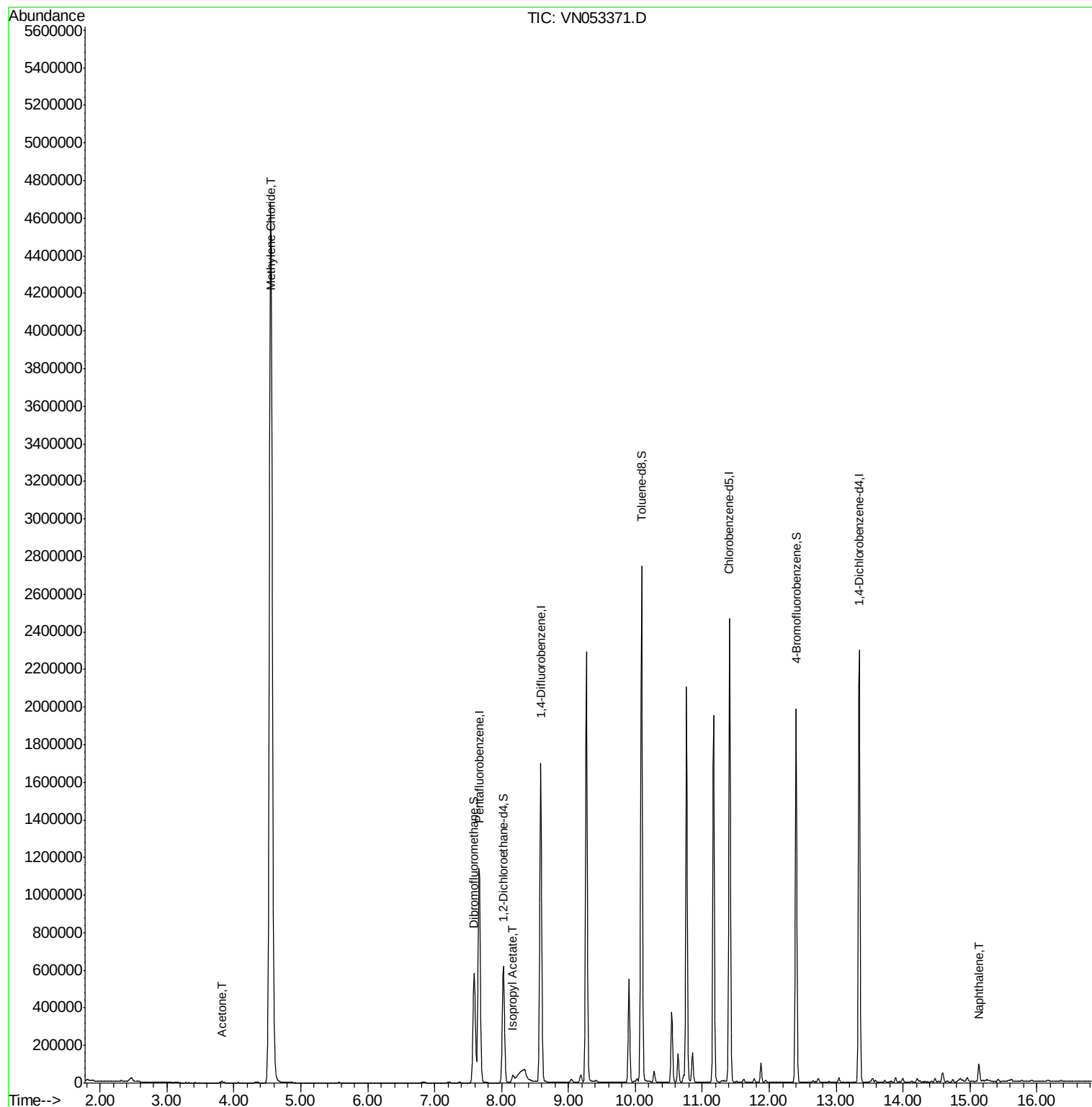
Quant Time: Jan 12 02:29:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

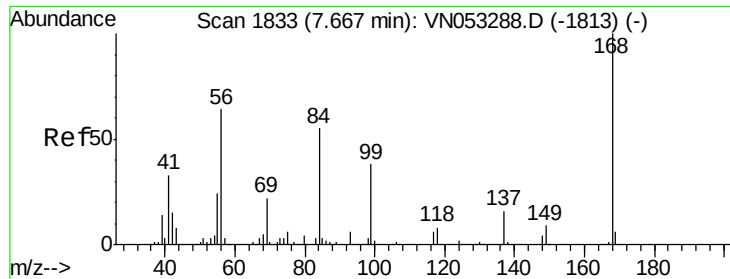
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1013596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1585591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1504503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	661937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	508757	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	7.59	113	449632	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	10.09	98	1983520	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	697882	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
Target Compounds						
16) Acetone	3.82	43	13407	3.075	ug/l	94
20) Methylene Chloride	4.55	84	3686126	325.462	ug/l	99
43) Isopropyl Acetate	8.17	43	48475	2.556	ug/l #	80
95) Naphthalene	15.13	128	85276	7.327	ug/l	99

(#) = 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: VN053371.D

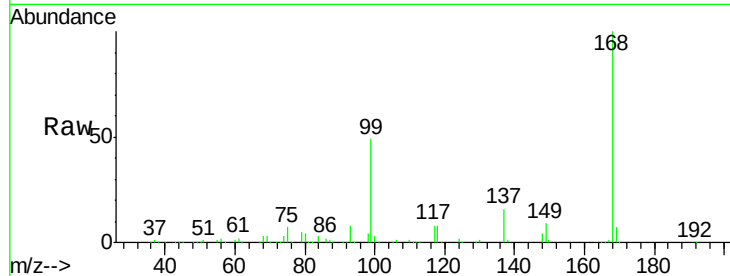
Acq: 11 Jan 2019 17:33

Tot Ion:168 Resp: 1013596

Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053371.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053371.D (-1740) (-)

7.67

400000

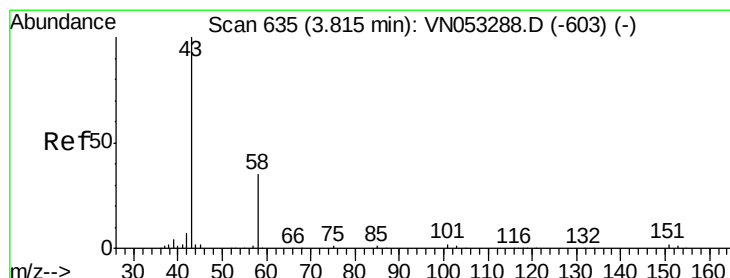
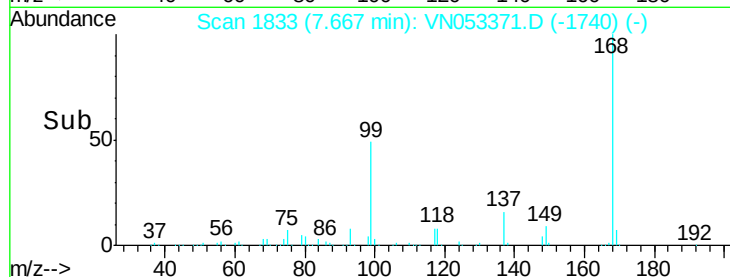
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.075 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053371.D

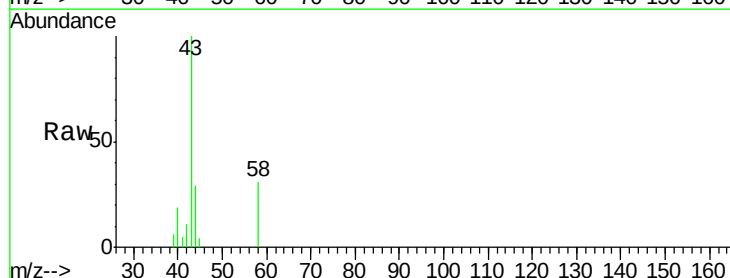
Acq: 11 Jan 2019 17:33

Tgt Ion: 43 Resp: 13407

Ion Ratio Lower Upper

43 100

58 31.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053371.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053371.D (-541) (-)

3.82

5000

4000

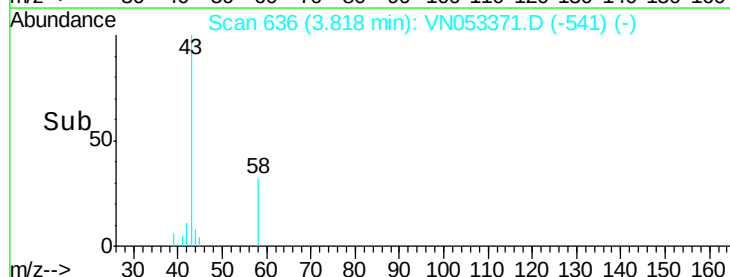
3000

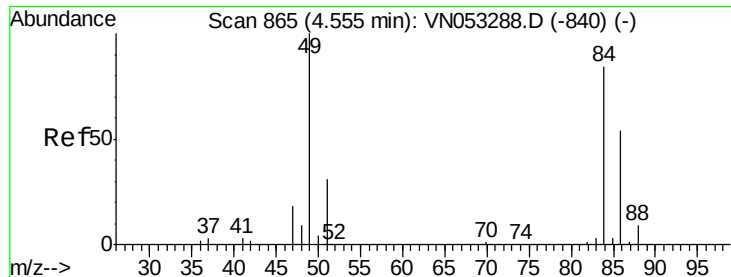
2000

1000

0

Time-->

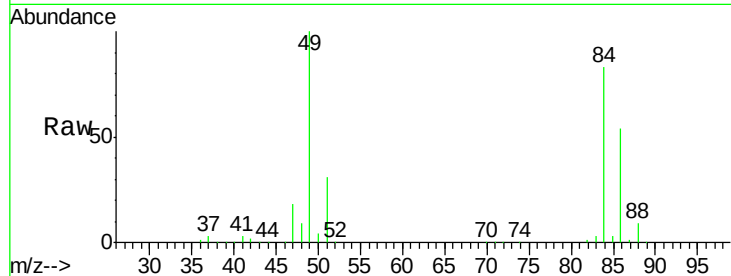




#20
Methylene Chloride
Concen: 325.462 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053371.D
Acq: 11 Jan 2019 17:33

Tot Ion: 84 Resp: 3686126

Ion	Ratio	Lower	Upper
84	100		
49	120.3	95.3	142.9
51	37.4	29.0	43.6
86	64.9	51.7	77.5

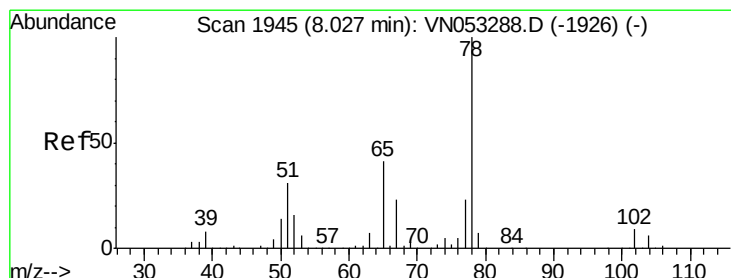
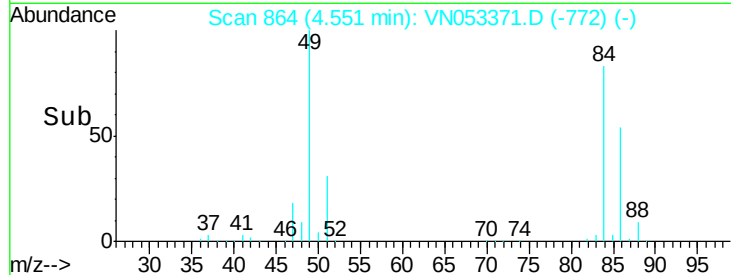
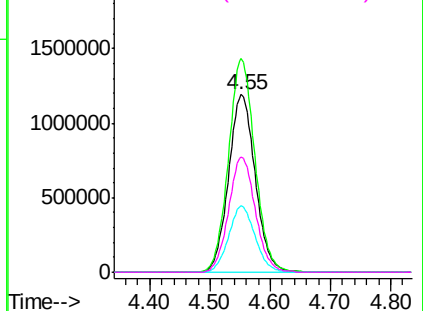


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

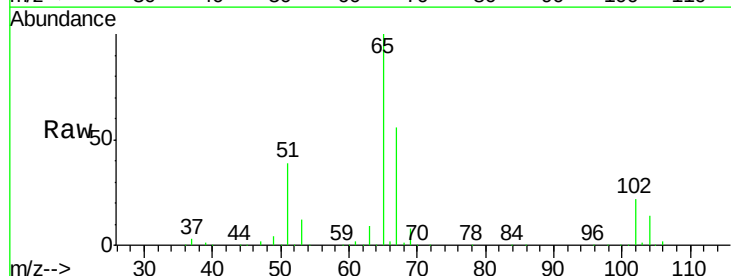
Ion 85.90 (85.60 to 86.60): VN0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053371.D
Acq: 11 Jan 2019 17:33

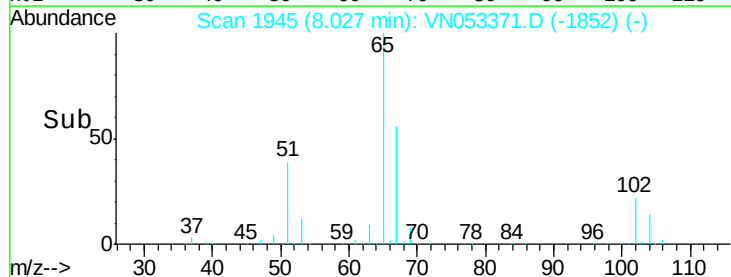
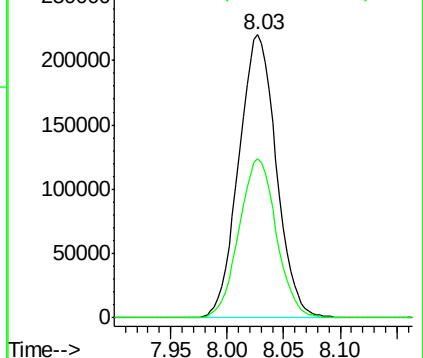
Tgt Ion: 65 Resp: 508757

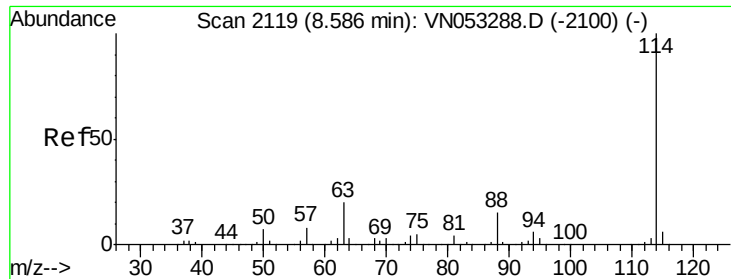
Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

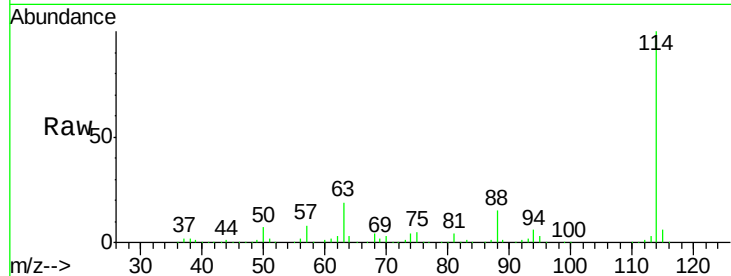




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053371.D
Acq: 11 Jan 2019 17:33

Tot Ion:114 Resp: 1585591

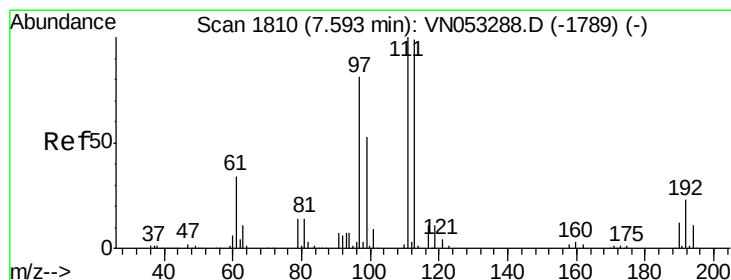
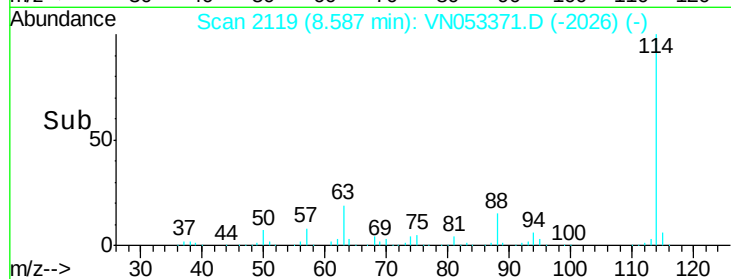
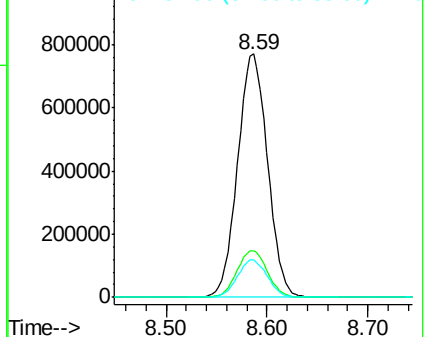
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	15.3	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

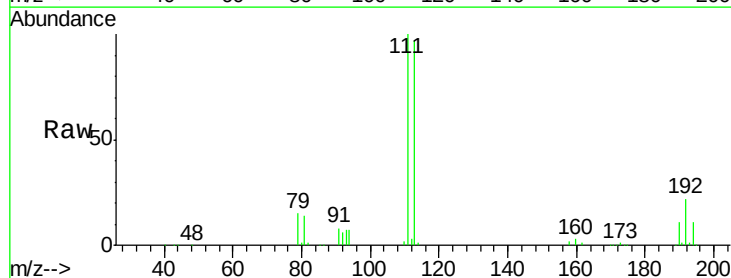
Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053371.D
Acq: 11 Jan 2019 17:33

Tgt Ion:113 Resp: 449632

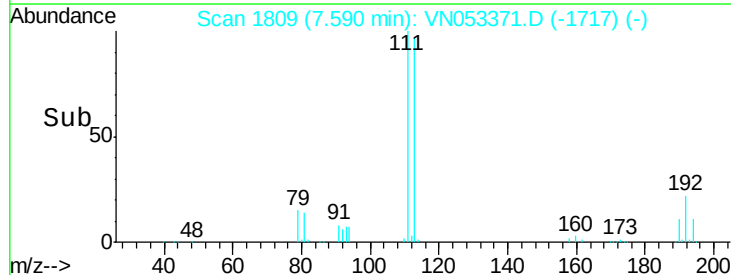
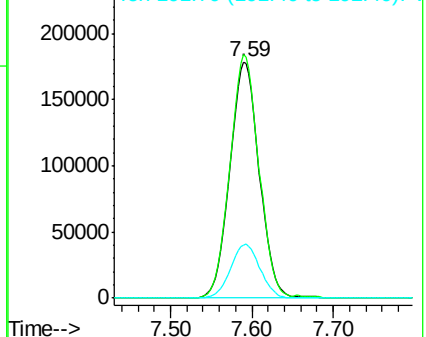
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.2
192	22.9	17.9	26.9

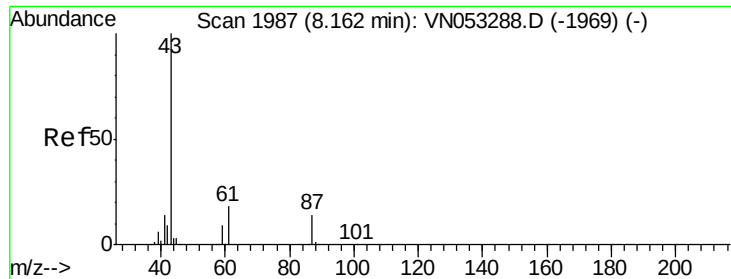


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.556 ug/l

RT: 8.17 min Scan# 1989

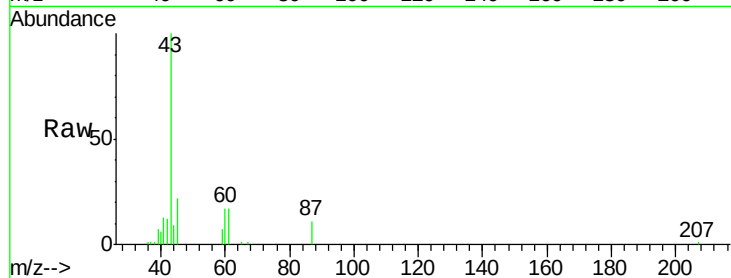
Delta R.T. 0.01 min

Lab File: VN053371.D

Acq: 11 Jan 2019 17:33

Tot Ion: 43 Resp: 48475

Ion	Ratio	Lower	Upper
43	100		
61	15.7	23.3	34.9#
87	9.9	10.8	16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)

Time-->

8.17

20000

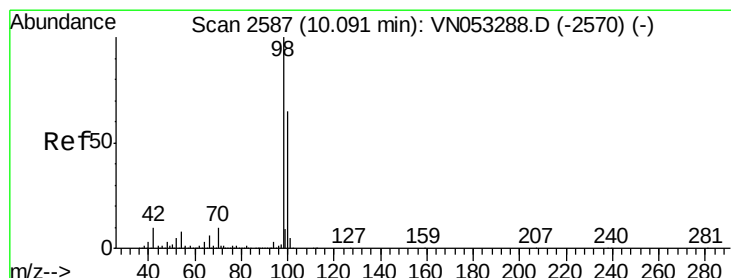
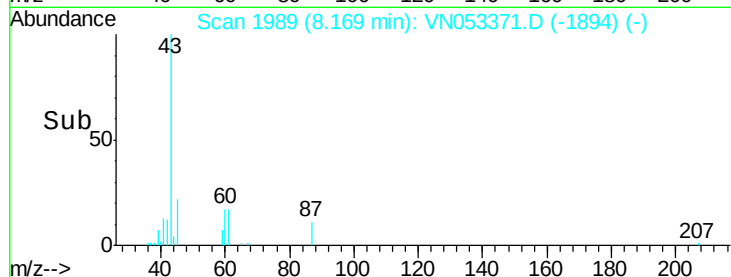
15000

10000

5000

0

8.10 8.15 8.20



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

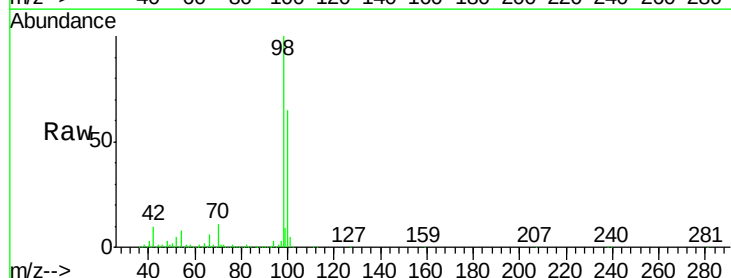
Delta R.T. 0.00 min

Lab File: VN053371.D

Acq: 11 Jan 2019 17:33

Tgt Ion: 98 Resp: 1983520

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053288.D (-2570) (-)

Time-->

10.09

1200000

1000000

800000

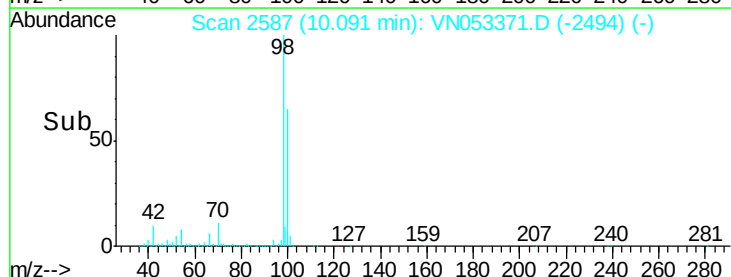
600000

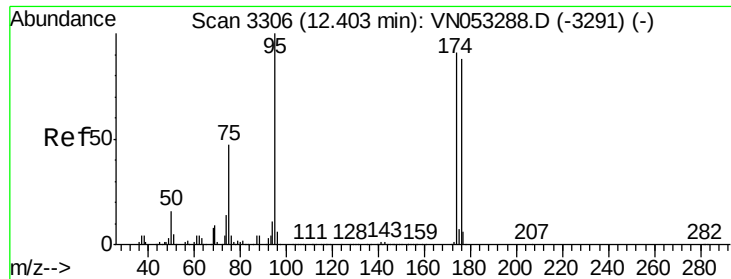
400000

200000

0

10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053371.D

Acq: 11 Jan 2019 17:33

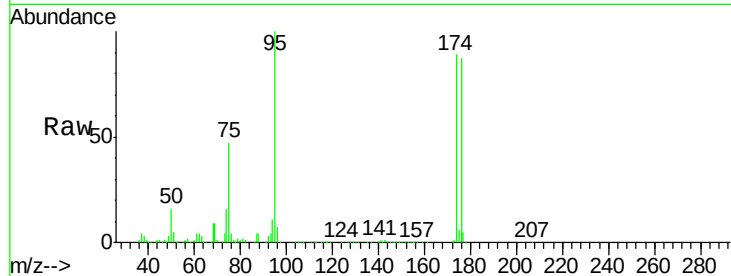
Tot Ion: 95 Resp: 697882

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.4

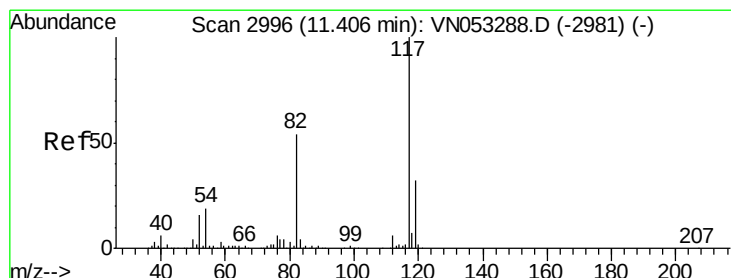
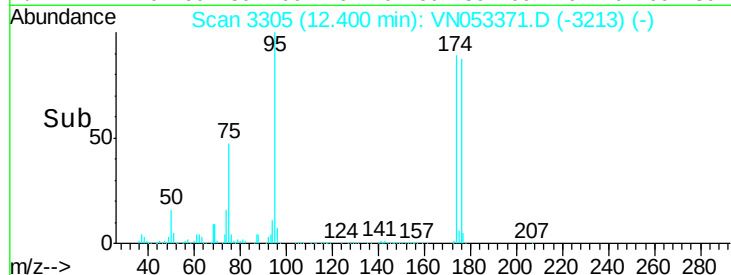
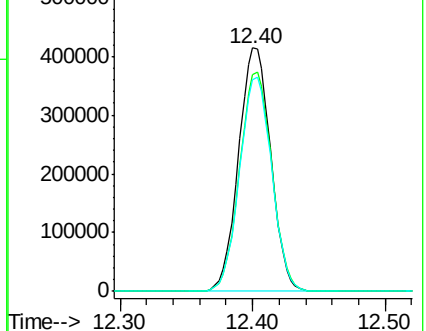
176 88.0 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053371.D

Acq: 11 Jan 2019 17:33

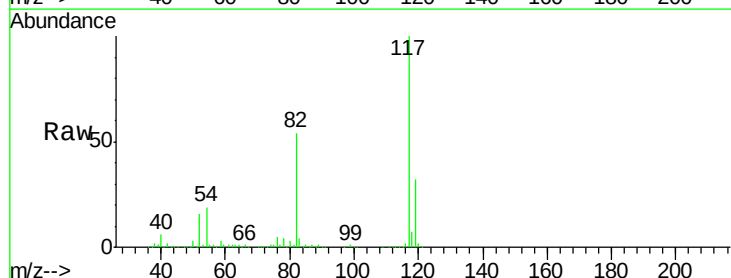
Tgt Ion: 117 Resp: 1504503

Ion Ratio Lower Upper

117 100

82 53.6 42.9 64.3

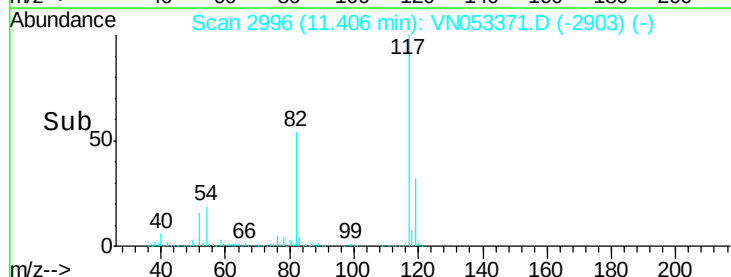
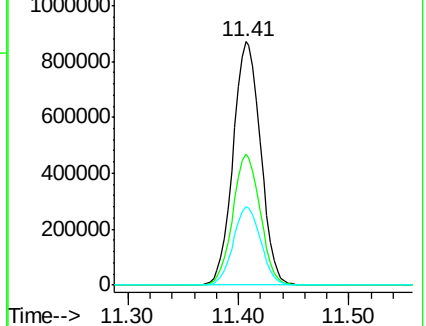
119 32.0 25.6 38.4

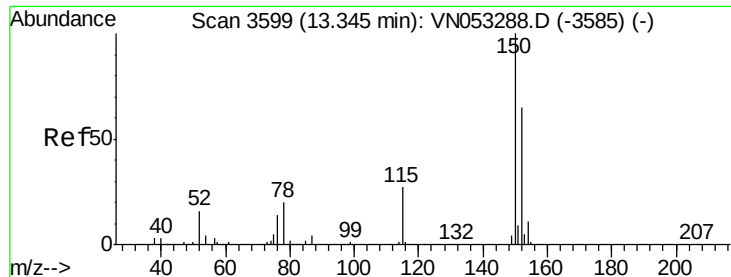


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

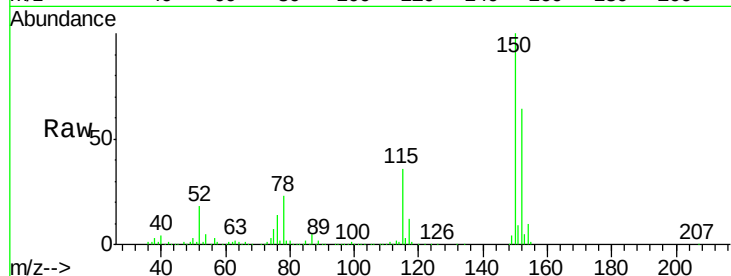
Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)



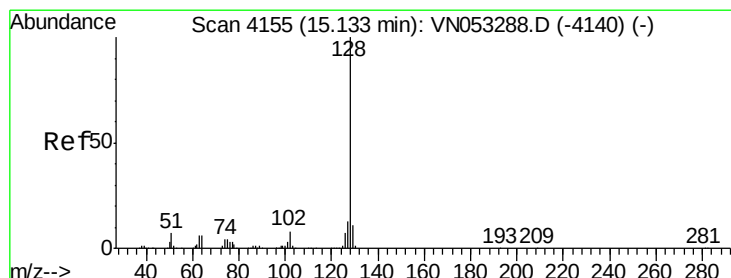
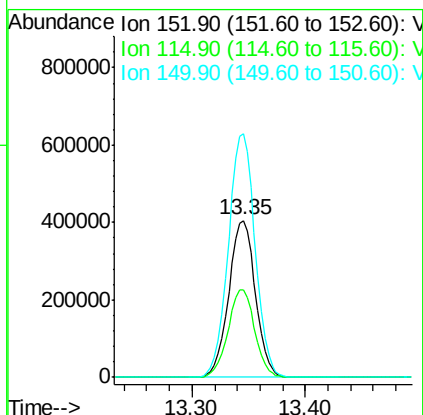
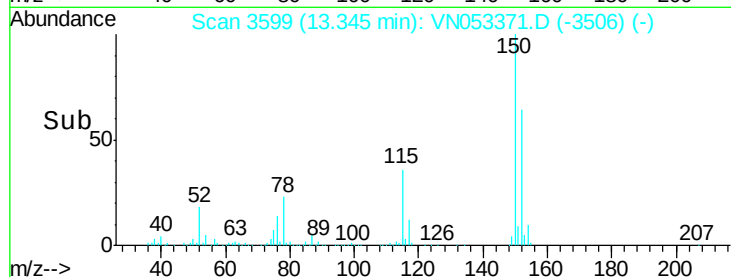


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053371.D
 Acq: 11 Jan 2019 17:33

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.0	84.0
150	156.2	0.0	346.6

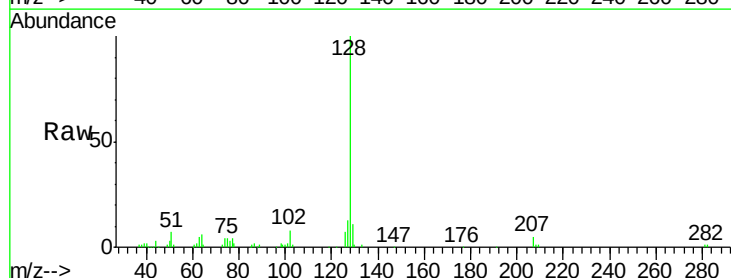


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 7.327 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053371.D
 Acq: 11 Jan 2019 17:33

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	11.0	8.7	13.1



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

