

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053365.D
 Acq On : 11 Jan 2019 14:43
 Operator : JC/SP
 Sample : PB116316ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

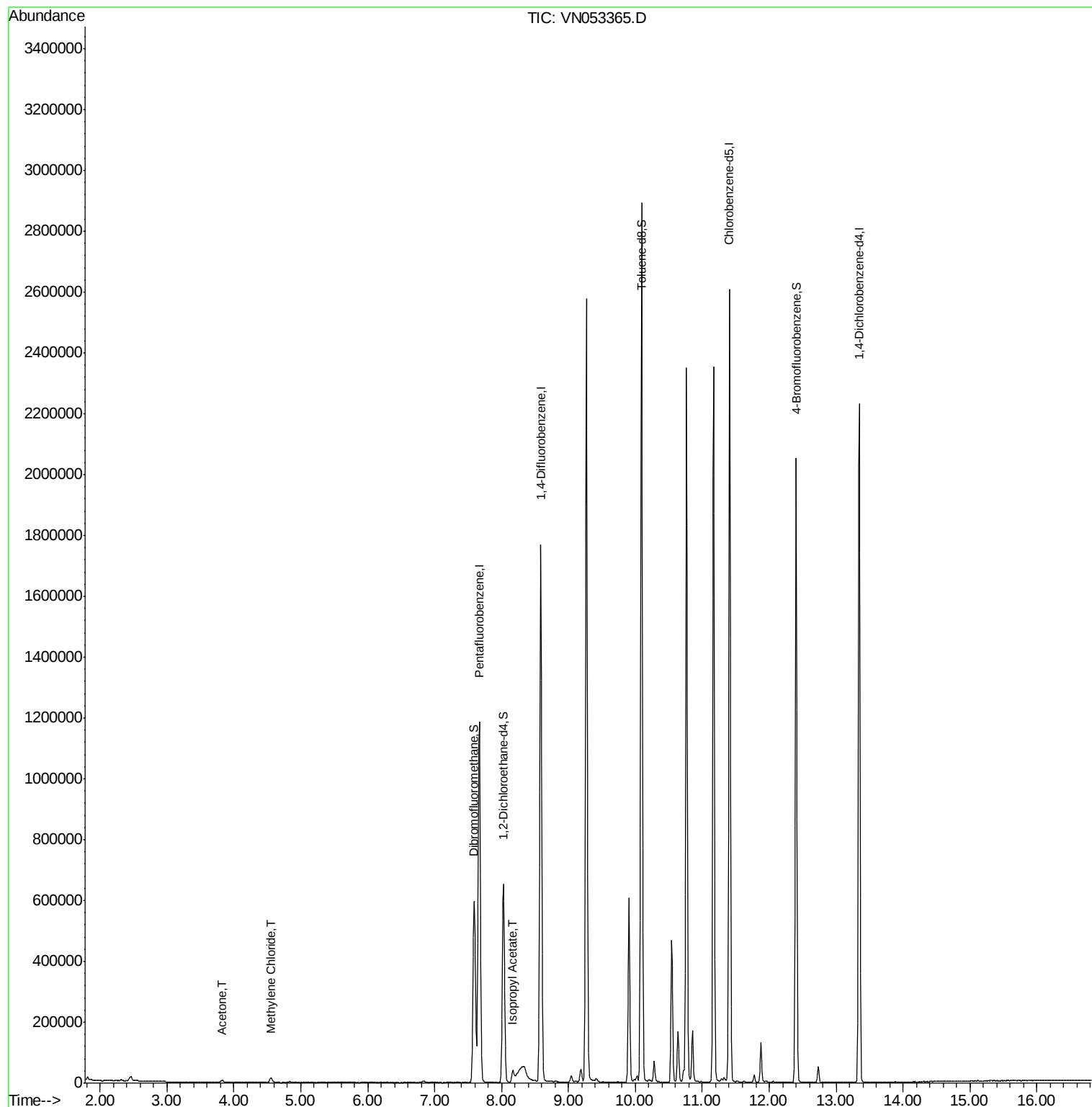
Quant Time: Jan 12 01:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

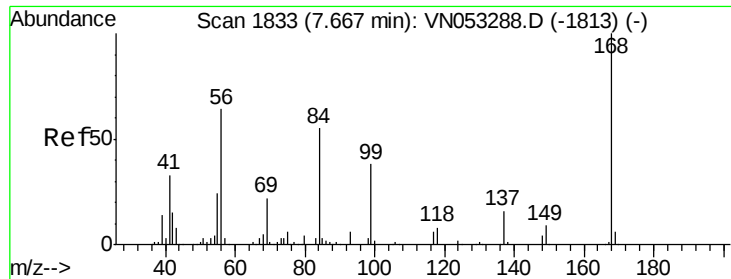
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1048875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1658732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1559484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	647240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	539277	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.59	113	471400	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.09	98	2058792	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.40	95	710410	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
Target Compounds						
16) Acetone	3.82	43	15619	3.746	ug/l	98
20) Methylene Chloride	4.55	84	11874	1.013	ug/l	97
43) Isopropyl Acetate	8.17	43	51851	2.613	ug/l #	82

(#) = 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: VN053365.D

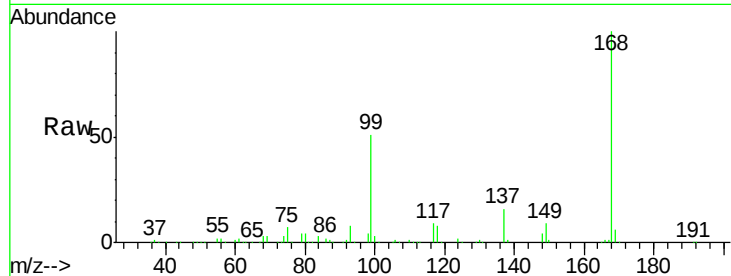
Acq: 11 Jan 2019 14:43

Tot Ion:168 Resp: 1048875

Ion Ratio Lower Upper

168 100

99 50.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.67

500000

400000

300000

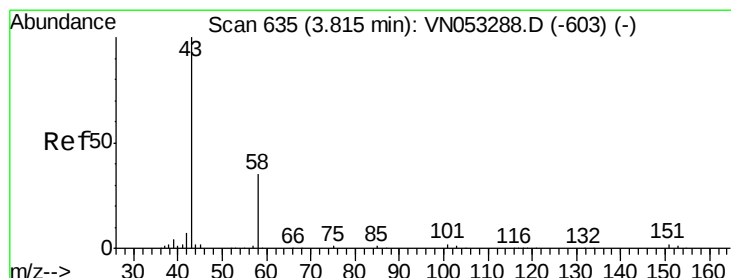
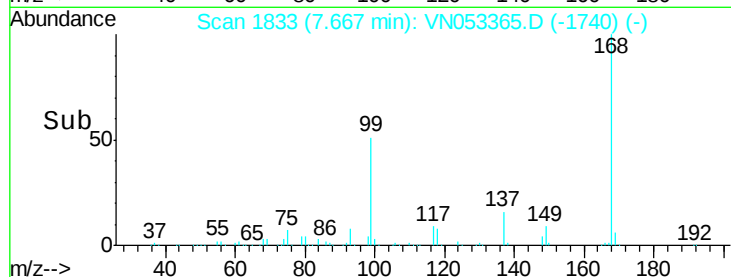
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 3.746 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053365.D

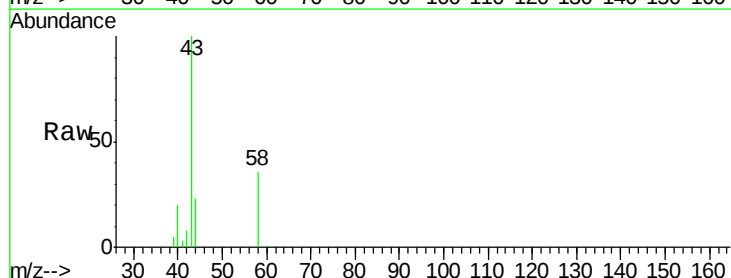
Acq: 11 Jan 2019 14:43

Tgt Ion: 43 Resp: 15619

Ion Ratio Lower Upper

43 100

58 35.6 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

3.82

6000

5000

4000

3000

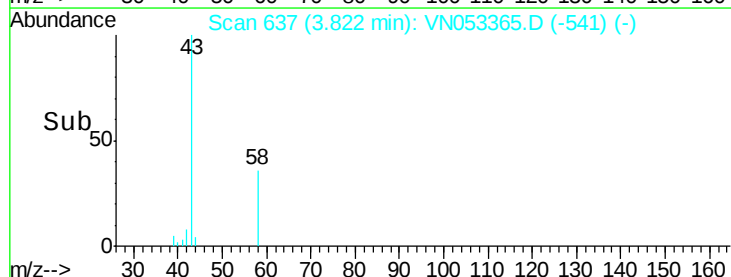
2000

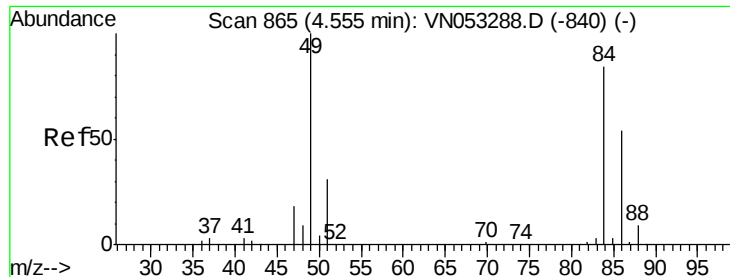
1000

0

Time-->

3.75 3.80 3.85 3.90

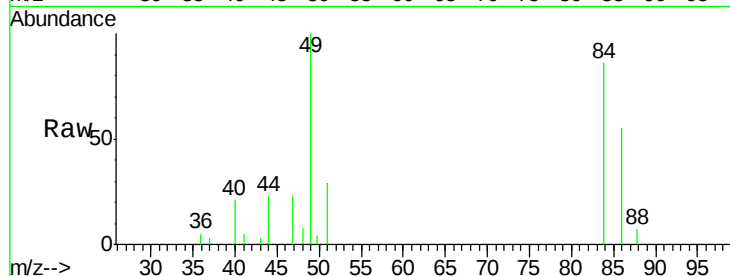




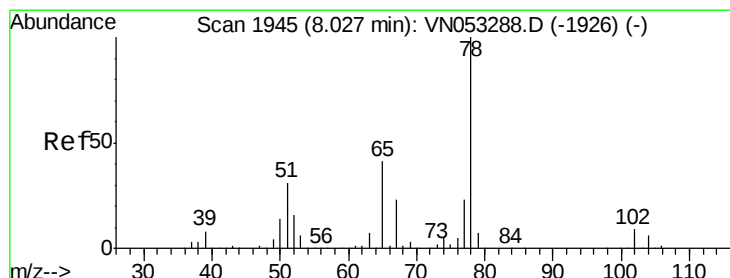
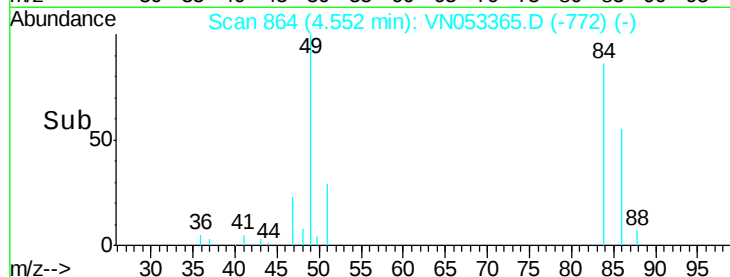
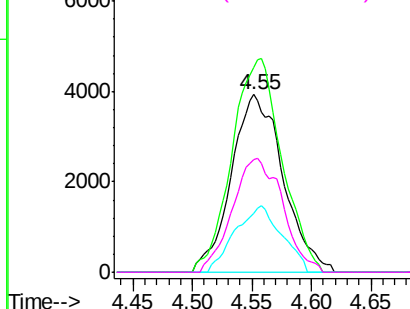
#20
Methvlene Chloride
Concen: 1.013 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053365.D
Acq: 11 Jan 2019 14:43

Tot Ion: 84 Resp: 11874

Ion	Ratio	Lower	Upper
84	100		
49	115.8	95.3	142.9
51	33.3	29.0	43.6
86	63.7	51.7	77.5



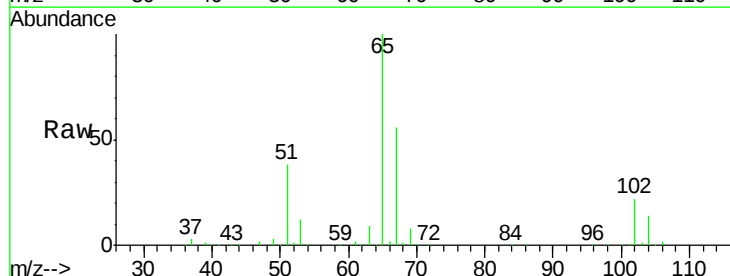
Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



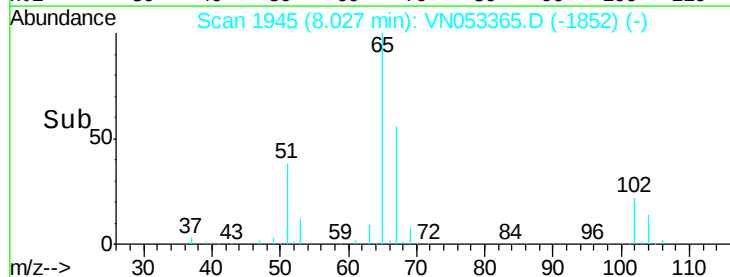
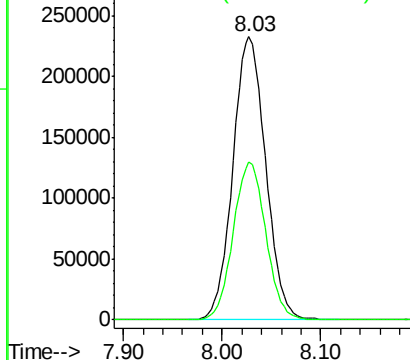
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053365.D
Acq: 11 Jan 2019 14:43

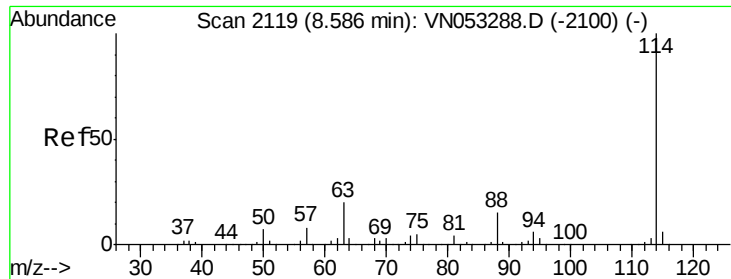
Tgt Ion: 65 Resp: 539277

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.0



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

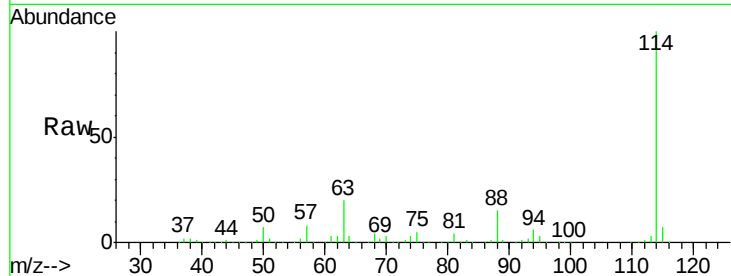




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053365.D
Acq: 11 Jan 2019 14:43

Tot Ion:114 Resp: 1658732

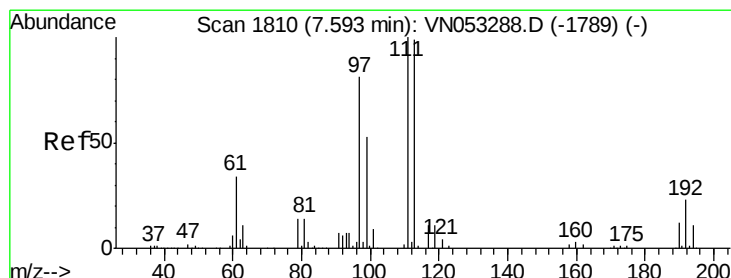
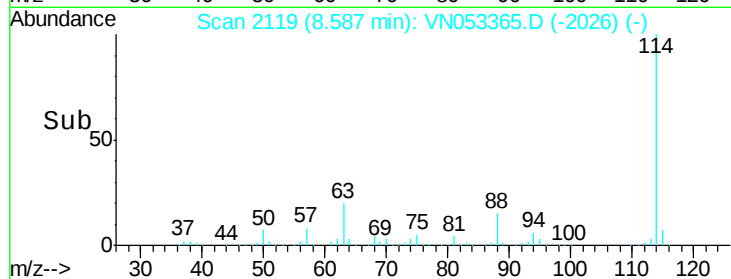
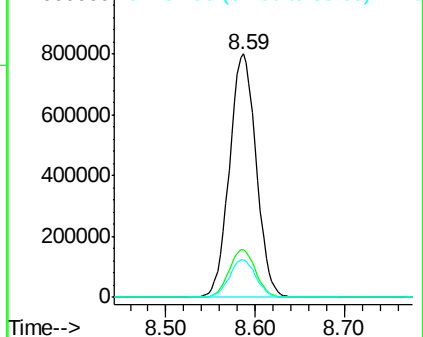
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.3	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

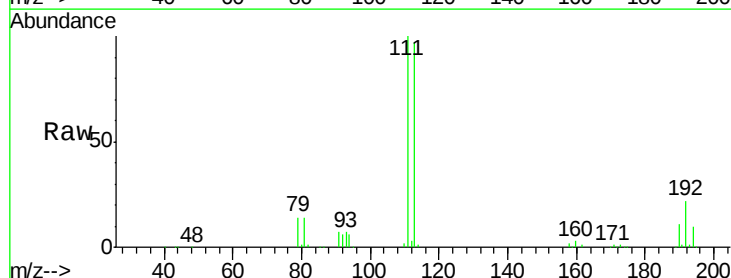
Ion 87.90 (87.60 to 88.60): V



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053365.D
Acq: 11 Jan 2019 14:43

Tgt Ion:113 Resp: 471400

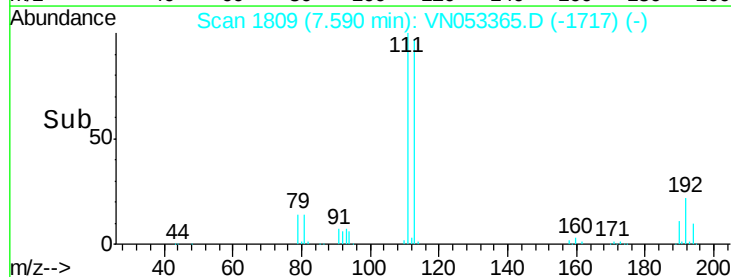
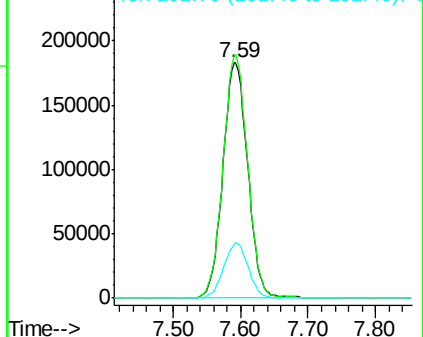
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.2
192	23.0	17.9	26.9

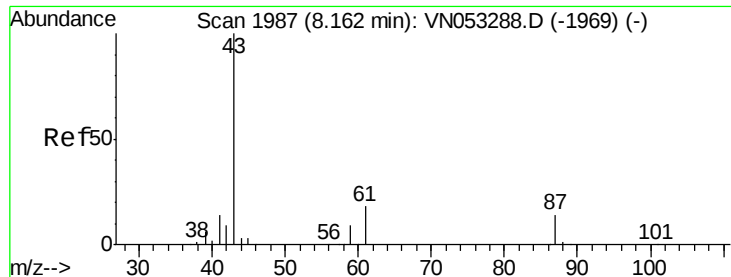


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.613 ug/l

RT: 8.17 min Scan# 1988

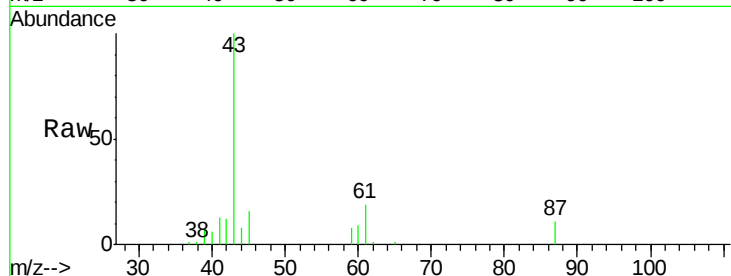
Delta R.T. 0.00 min

Lab File: VN053365.D

Acq: 11 Jan 2019 14:43

Tot Ion: 43 Resp: 51851

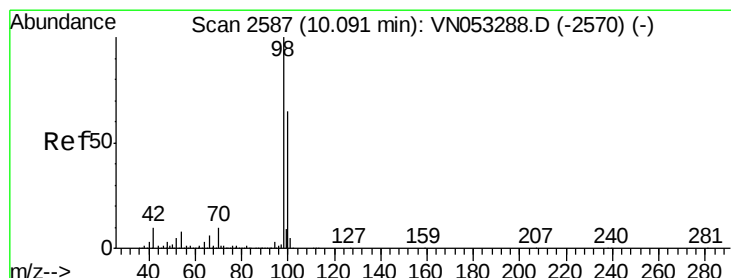
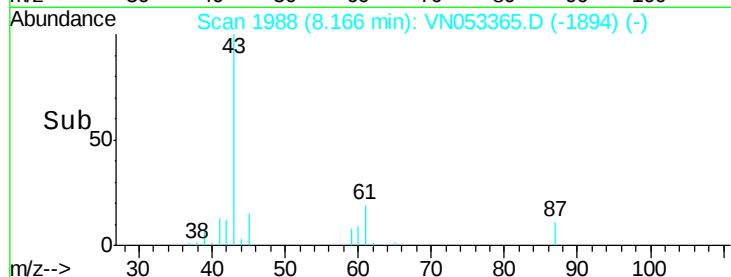
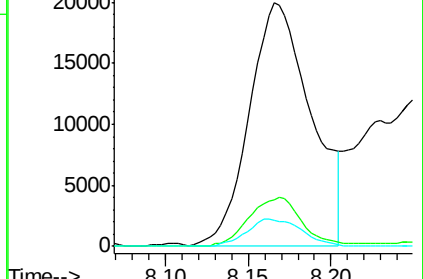
Ion	Ratio	Lower	Upper
43	100		
61	17.5	23.3	34.9#
87	10.0	10.8	16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

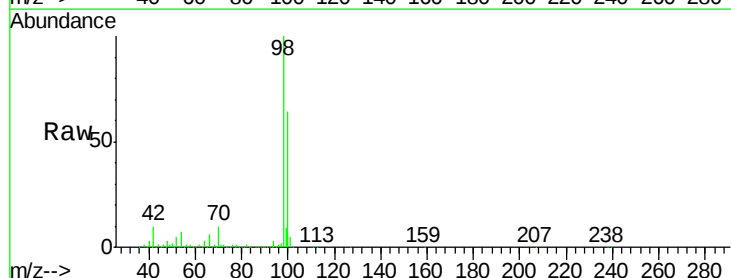
Delta R.T. 0.00 min

Lab File: VN053365.D

Acq: 11 Jan 2019 14:43

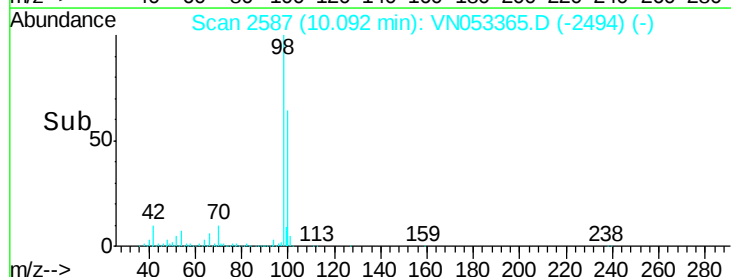
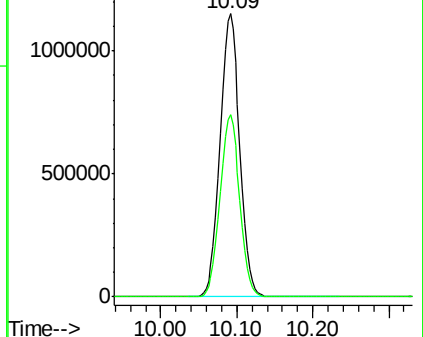
Tgt Ion: 98 Resp: 2058792

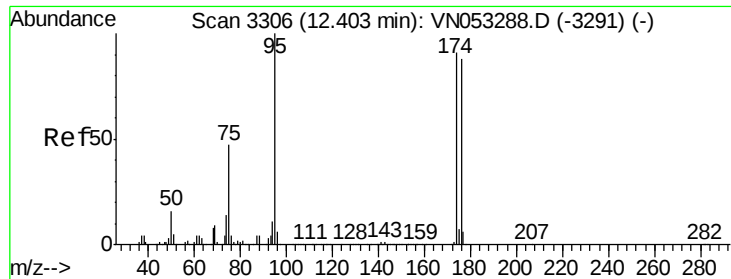
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

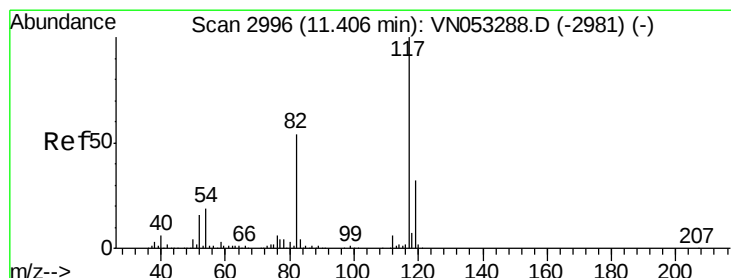
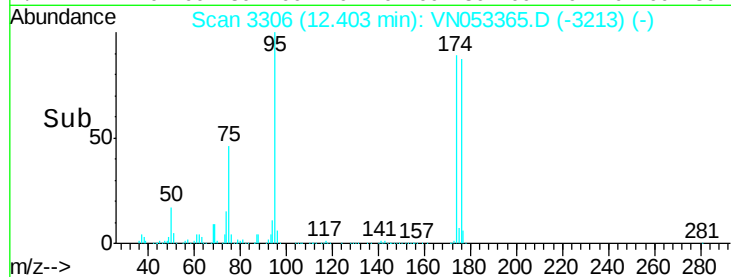
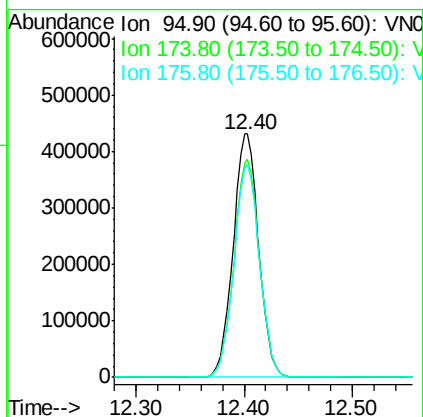
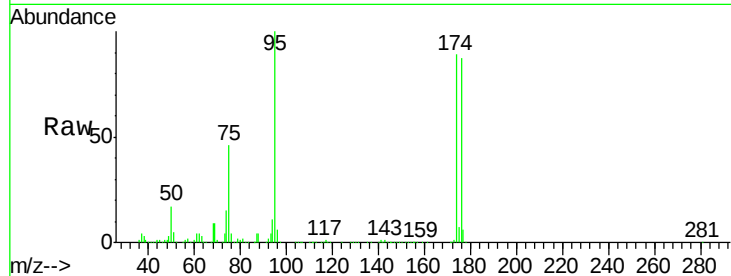
Ion 100.00 (99.70 to 100.70): VN0





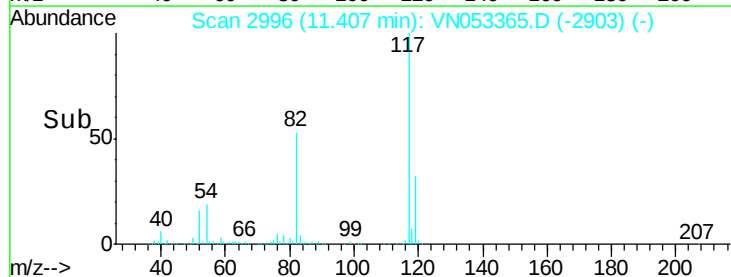
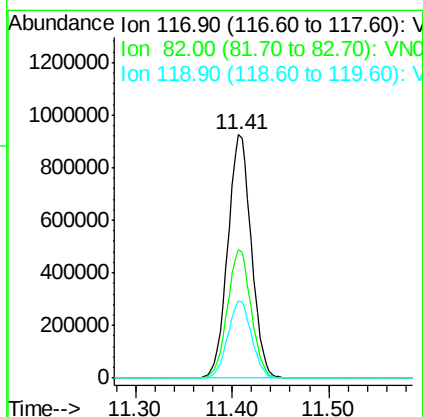
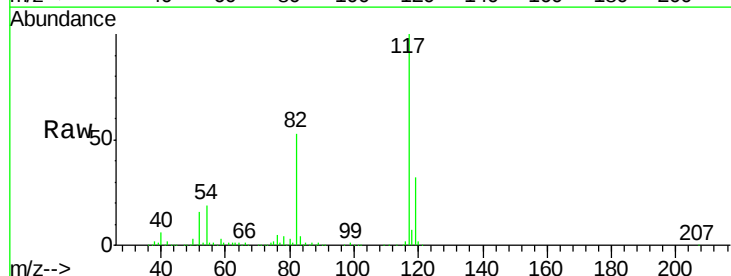
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053365.D
Acq: 11 Jan 2019 14:43

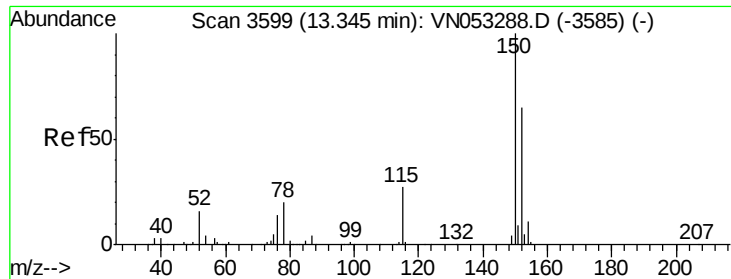
Tot Ion: 95 Resp: 710410
Ion Ratio Lower Upper
95 100
174 89.7 0.0 180.4
176 87.5 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053365.D
Acq: 11 Jan 2019 14:43

Tgt Ion: 117 Resp: 1559484
Ion Ratio Lower Upper
117 100
82 52.7 42.9 64.3
119 31.7 25.6 38.4

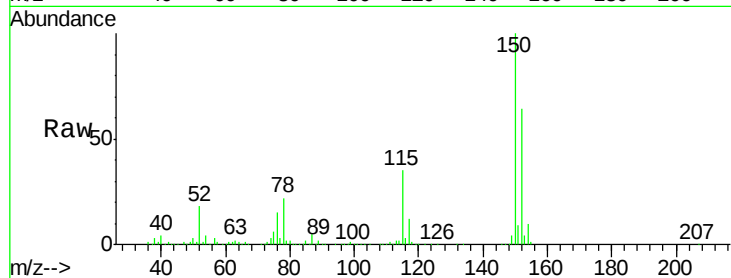




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053365.D
 Acq: 11 Jan 2019 14:43

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.0	84.0
150	156.7	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

