

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053443.D
 Acq On : 17 Jan 2019 19:06
 Operator : JC/SP
 Sample : PB116439ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

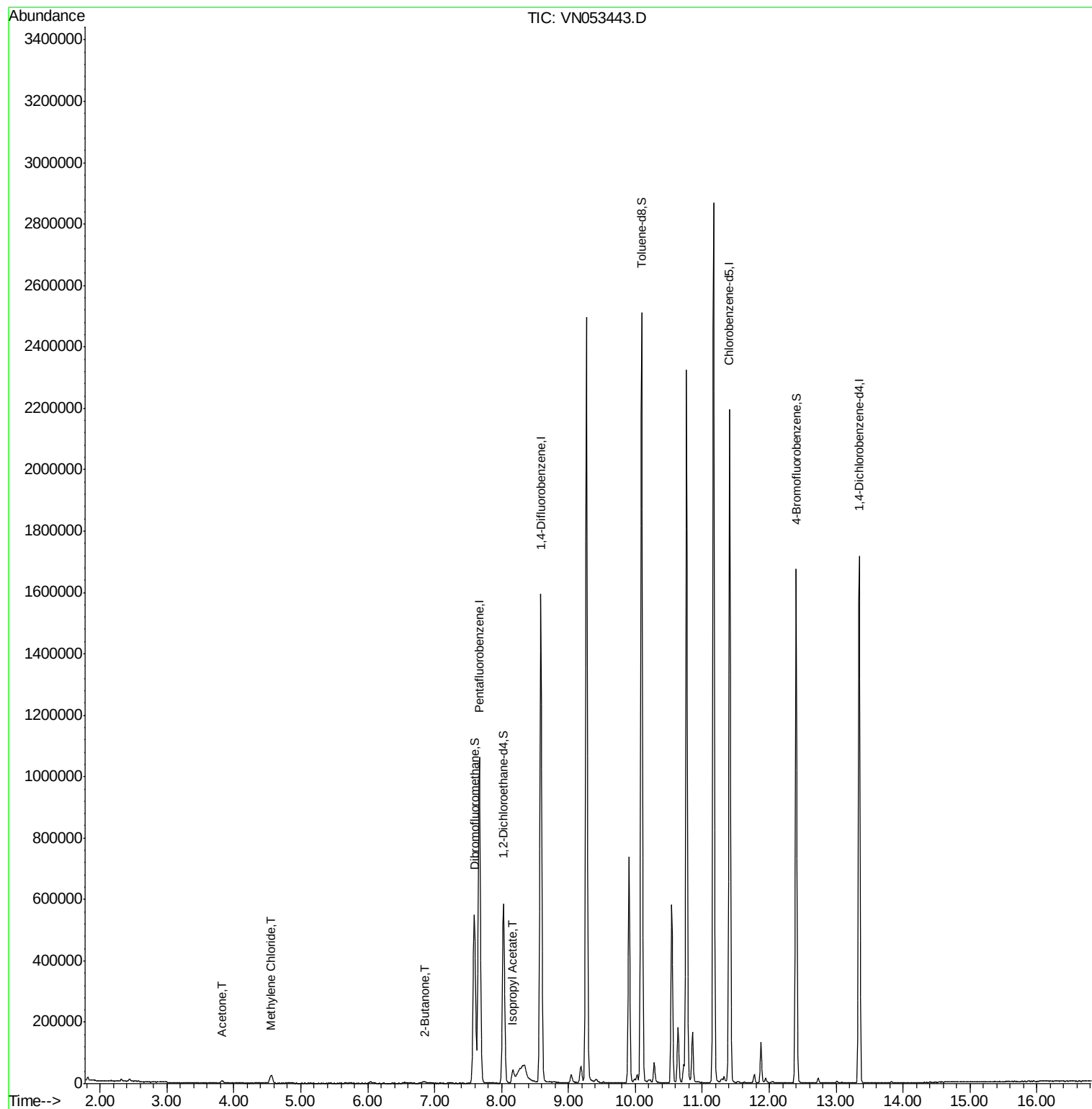
Quant Time: Jan 18 00:59:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

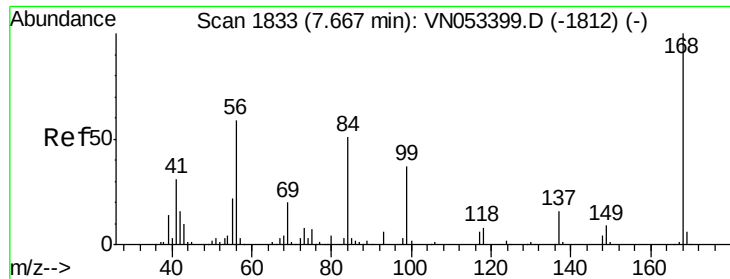
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	939289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1467986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1330974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	494572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	483169	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	426504	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.09	98	1825111	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.40	95	572062	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
16) Acetone	3.82	43	13994	6.425	ug/l	98
20) Methylene Chloride	4.55	84	21236	2.135	ug/l	96
25) 2-Butanone	6.85	43	7206	2.147	ug/l	90
43) Isopropyl Acetate	8.17	43	56942	4.117	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# 1834

Delta R.T. 0.00 min

Lab File: VN053443.D

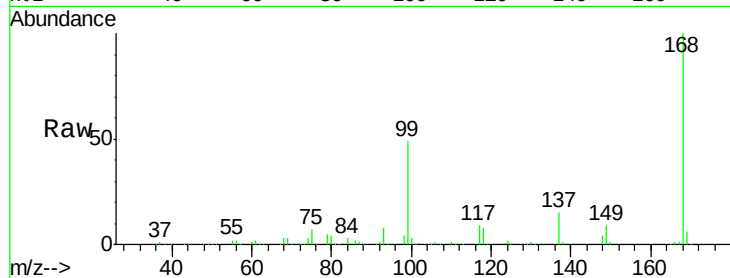
Acq: 17 Jan 2019 19:06

Tot Ion:168 Resp: 939289

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

300000

200000

100000

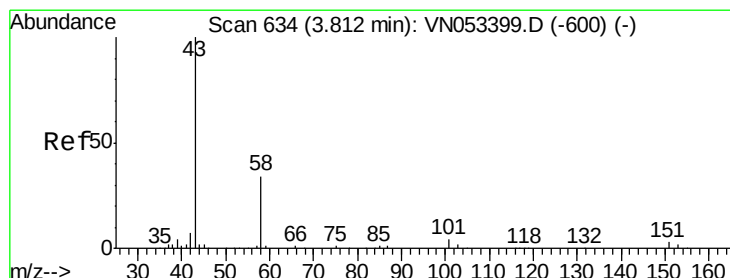
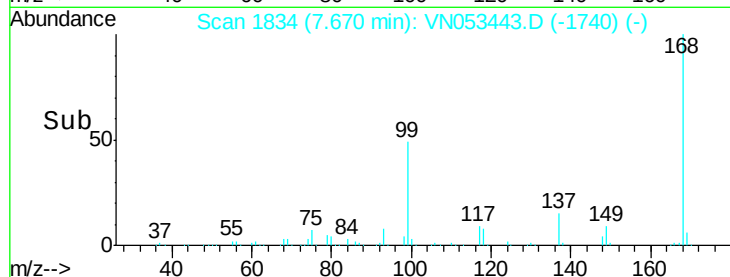
0

Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 6.425 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053443.D

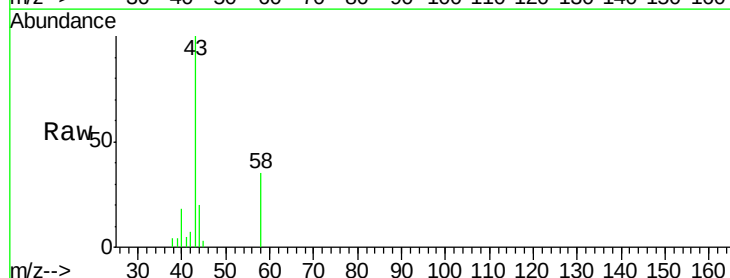
Acq: 17 Jan 2019 19:06

Tgt Ion: 43 Resp: 13994

Ion Ratio Lower Upper

43 100

58 35.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

5000

4000

3000

2000

1000

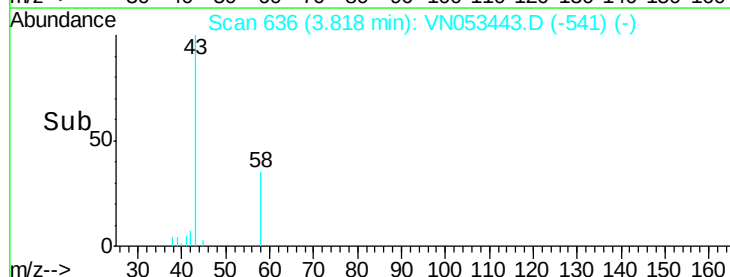
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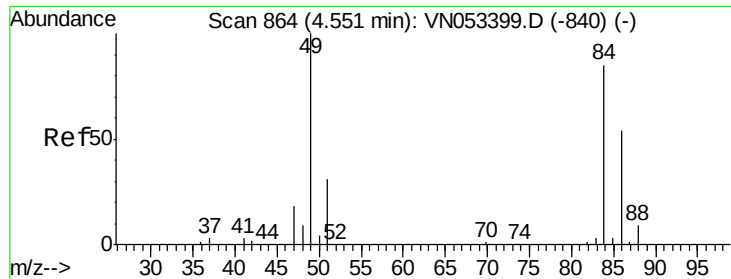
Time-->

3.70

3.80

3.90

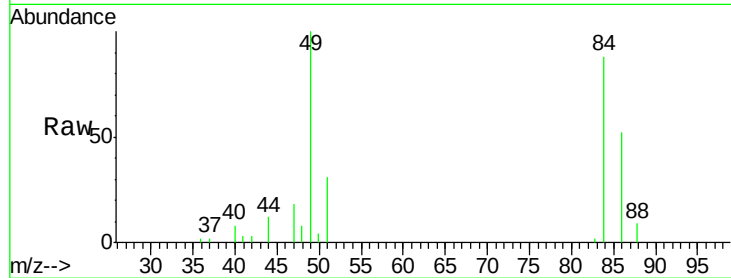




#20
Methvlene Chloride
Concen: 2.135 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053443.D
Acq: 17 Jan 2019 19:06

Tot Ion: 84 Resp: 21236

Ion	Ratio	Lower	Upper
84	100		
49	113.8	94.3	141.5
51	35.4	29.4	44.2
86	59.6	51.4	77.0

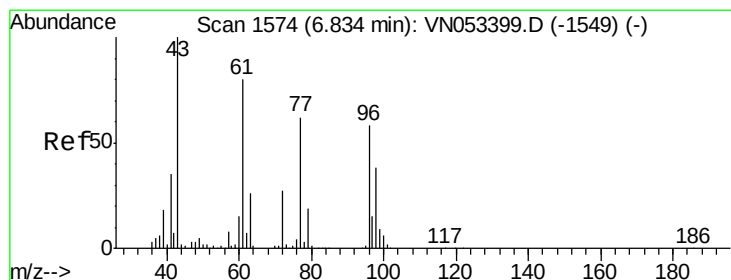
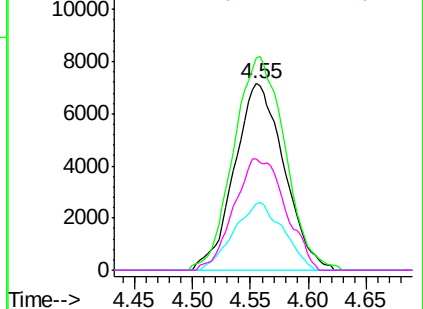
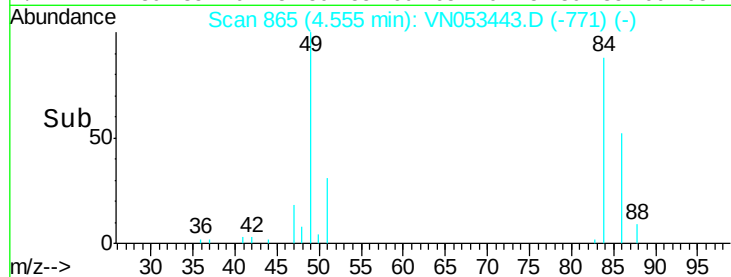


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

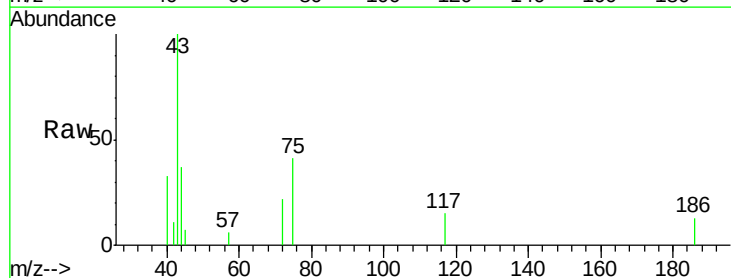
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 2.147 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053443.D
Acq: 17 Jan 2019 19:06

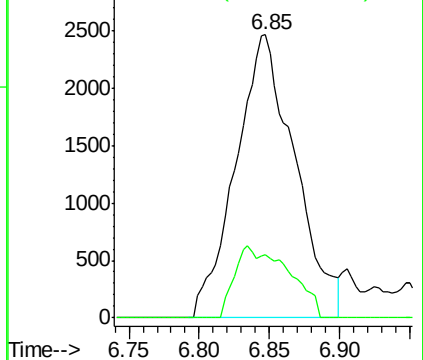
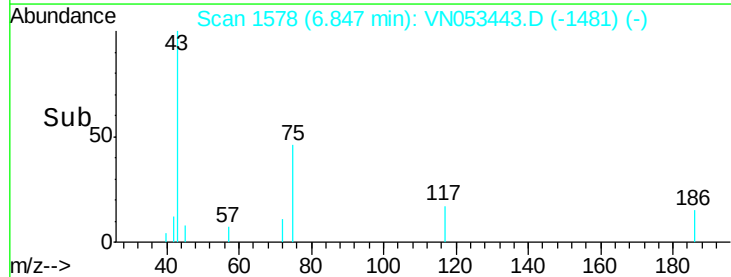
Tgt Ion: 43 Resp: 7206

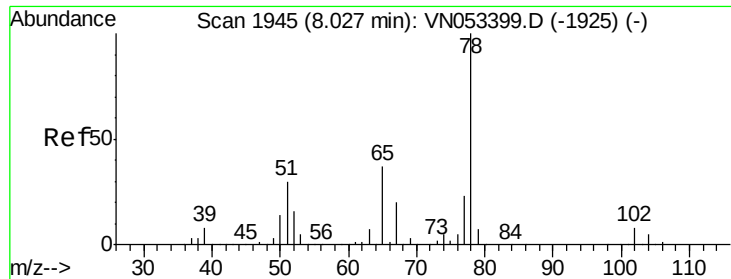
Ion	Ratio	Lower	Upper
43	100		
72	22.4	22.0	33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

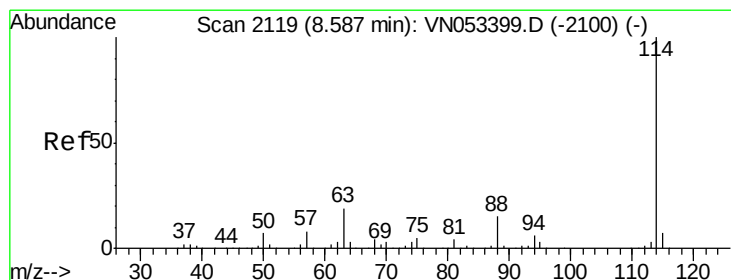
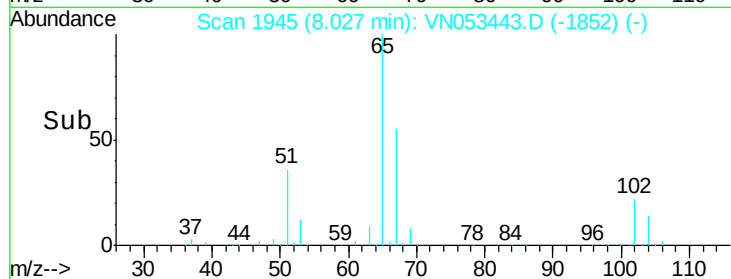
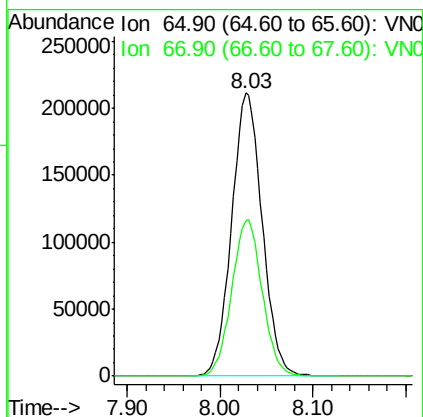
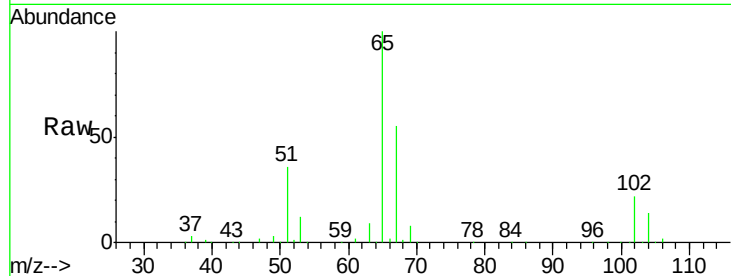
Ion 72.00 (71.70 to 72.70): VN0





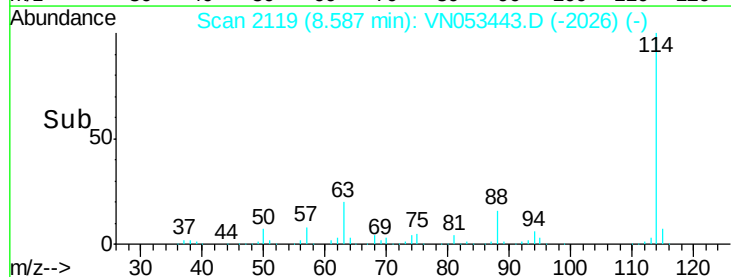
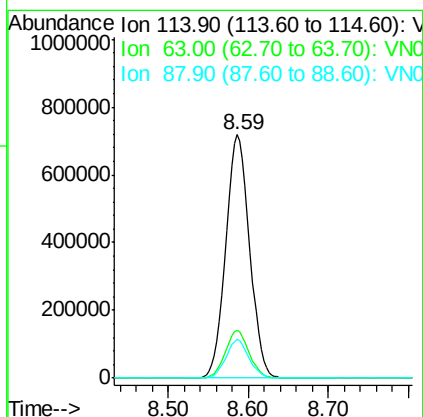
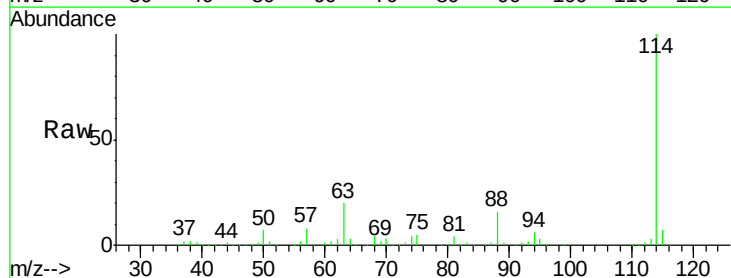
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053443.D
 Acq: 17 Jan 2019 19:06

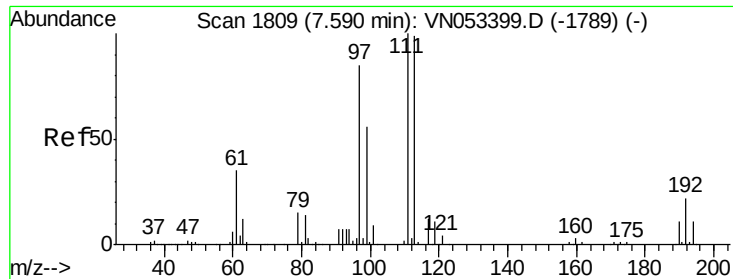
Tot Ion: 65 Resp: 483169
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053443.D
 Acq: 17 Jan 2019 19:06

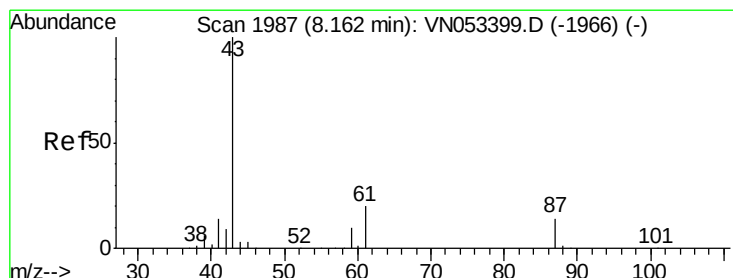
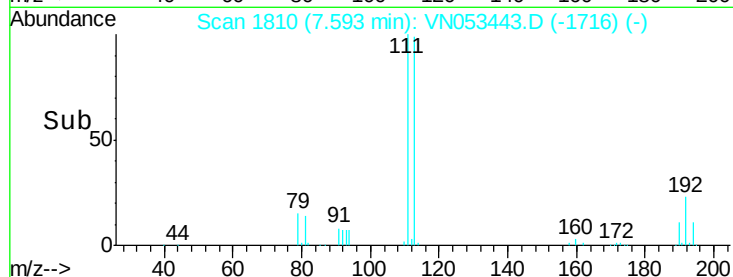
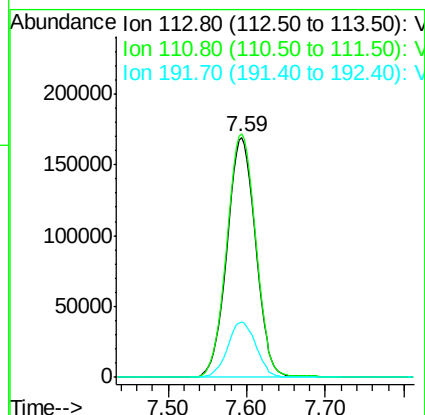
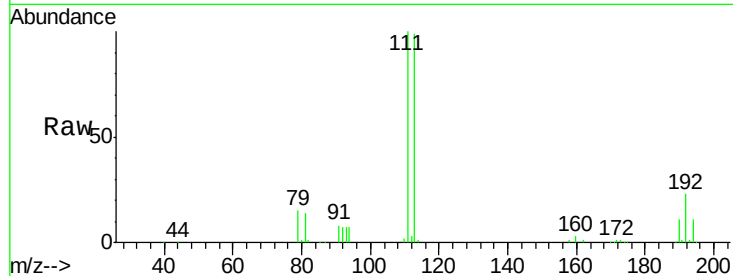
Tgt Ion: 114 Resp: 1467986
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.7 0.0 30.4





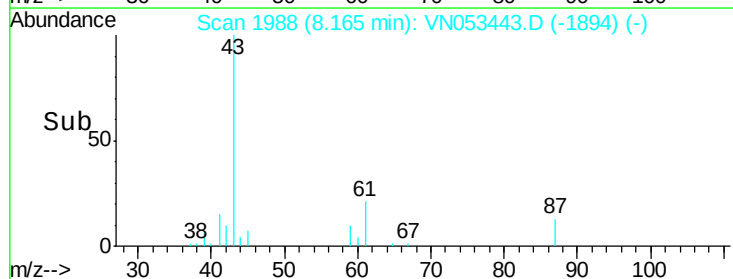
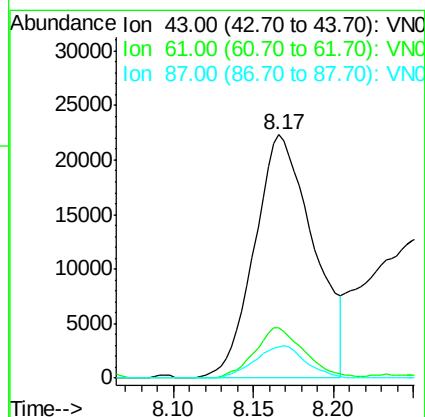
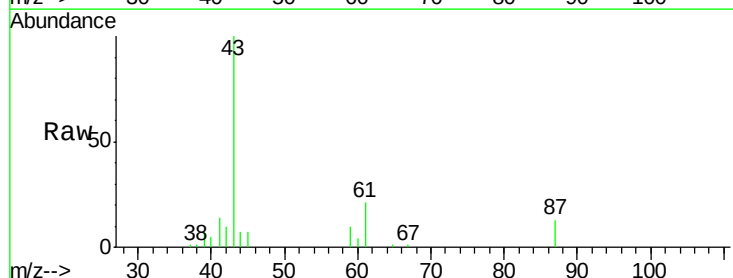
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053443.D
 Acq: 17 Jan 2019 19:06

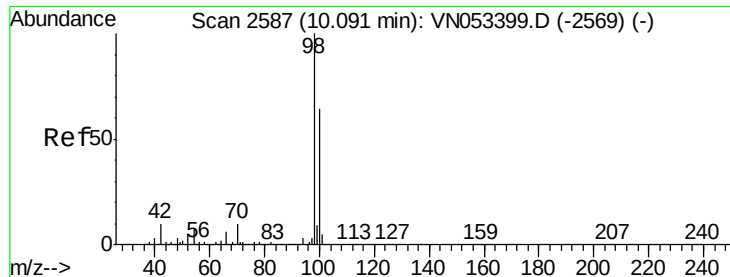
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	23.0	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 4.117 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053443.D
 Acq: 17 Jan 2019 19:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	23.9	35.9#
87	11.2	11.0	16.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053443.D

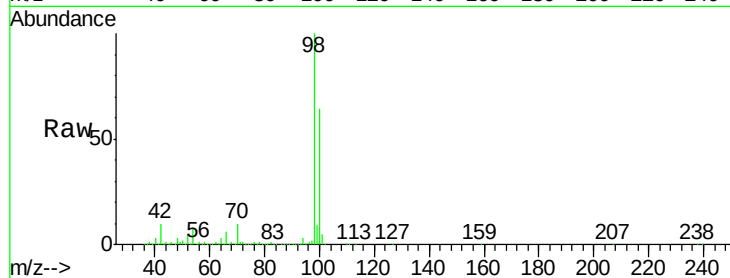
Acq: 17 Jan 2019 19:06

Tot Ion: 98 Resp: 1825111

Ion Ratio Lower Upper

98 100

100 64.1 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) (-)

10.09

1000000

800000

600000

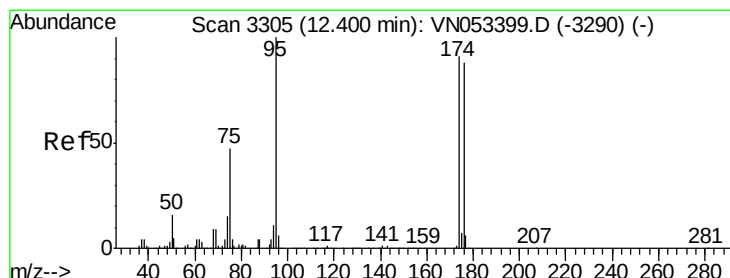
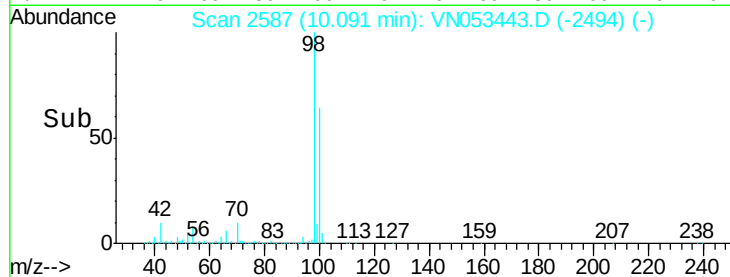
400000

200000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053443.D

Acq: 17 Jan 2019 19:06

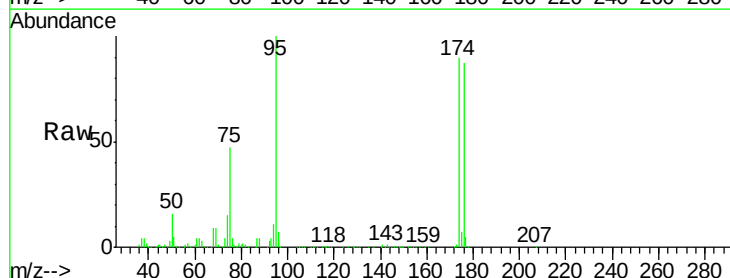
Tgt Ion: 95 Resp: 572062

Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.2

176 88.5 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) (-)

12.40

400000

300000

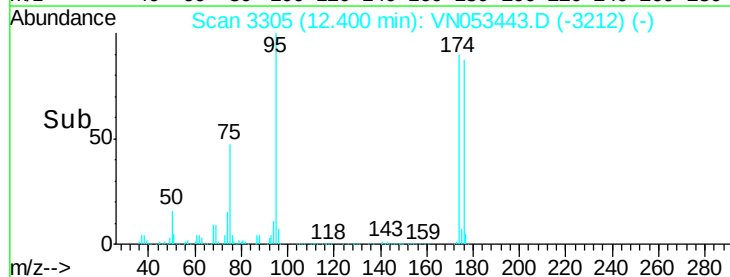
200000

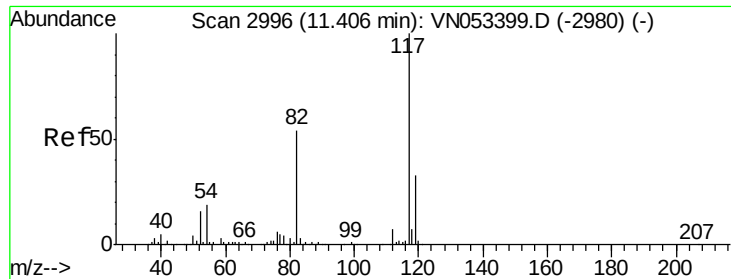
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0

Time-->

12.35 12.40 12.45

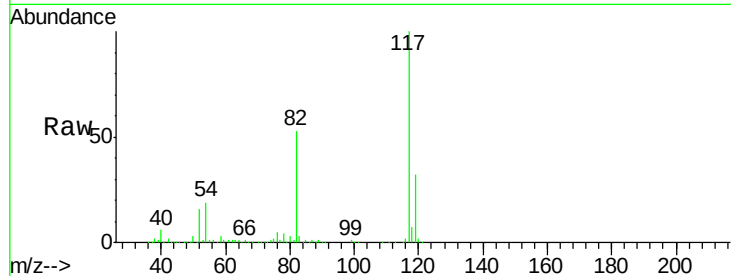




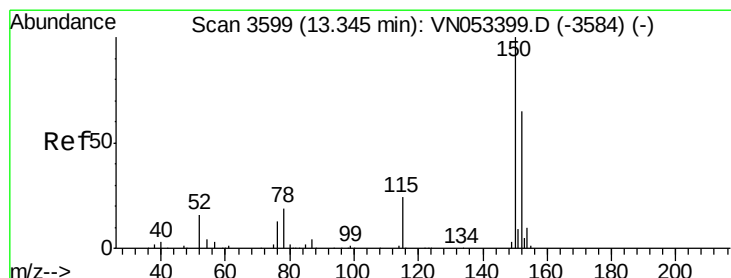
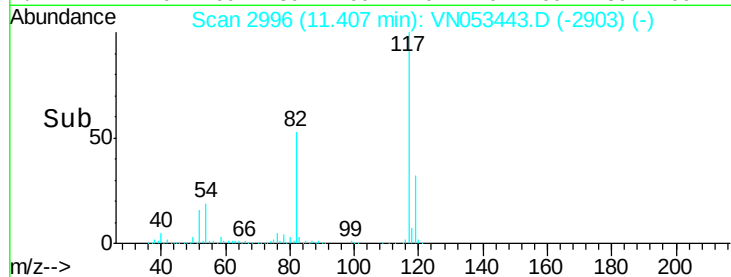
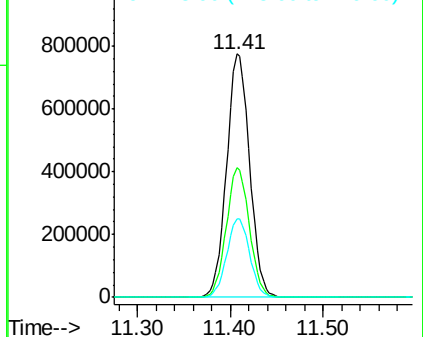
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN053443.D
 Acq: 17 Jan 2019 19:06

Tot Ion:117 Resp: 1330974

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.9	64.3
119	32.2	26.0	39.0



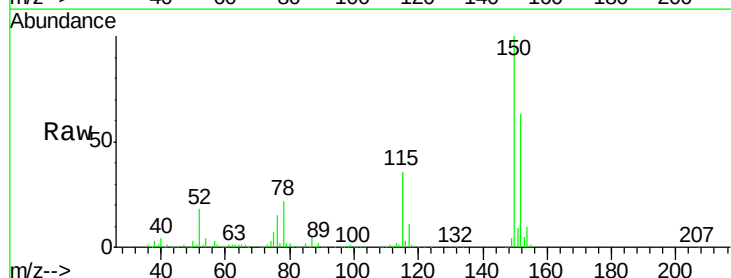
Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053443.D
 Acq: 17 Jan 2019 19:06

Tgt Ion:152 Resp: 494572

Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.8	83.4
150	157.1	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

