

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091519\
 Data File : VN058097.D
 Acq On : 15 Sep 2019 17:12
 Operator : JC/SP
 Sample : K4719-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-2(0)-BRUCKNER

Quant Time: Sep 16 05:01:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

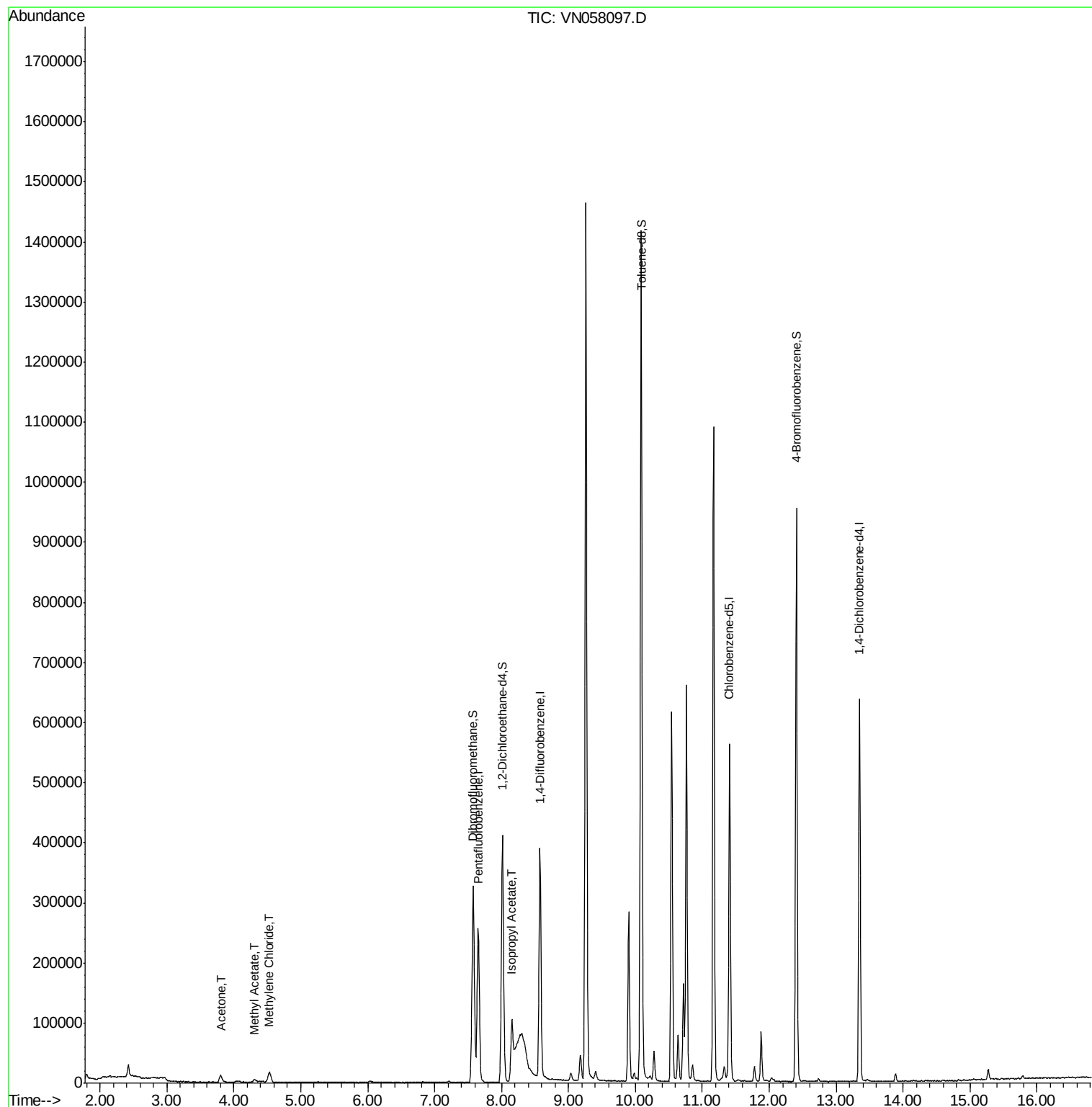
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	197013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	327124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	306138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	160794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	356167	89.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	178.52%	
35) Dibromofluoromethane	7.58	113	243527	80.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	161.32%	
50) Toluene-d8	10.09	98	967220	82.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	165.02%	
62) 4-Bromofluorobenzene	12.40	95	324035	72.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.08%	
Target Compounds						
16) Acetone	3.80	43	17564	13.427	ug/l #	84
18) Methyl Acetate	4.30	43	7479	2.144	ug/l	98
20) Methylene Chloride	4.53	84	12069	3.707	ug/l	95
43) Isopropyl Acetate	8.15	43	133584	20.266	ug/l #	83

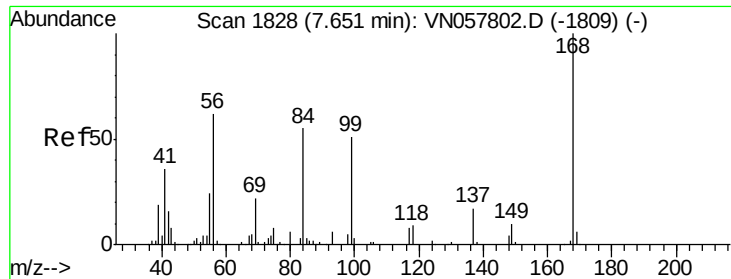
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058097.D

Acq: 15 Sep 2019 17:12

Instrument :

MSVOA_N

ClientSampleId :

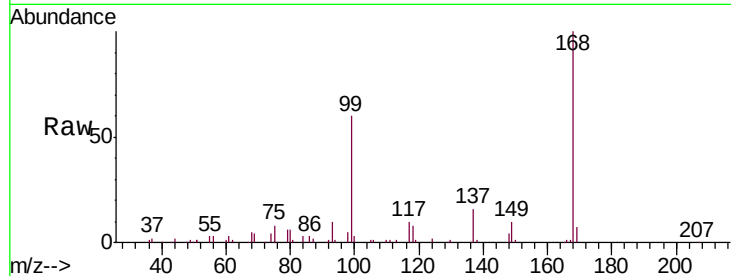
T4-2(0)-BRUCKNER

Tgt Ion:168 Resp: 197013

Ion Ratio Lower Upper

168 100

99 59.8 48.0 72.0

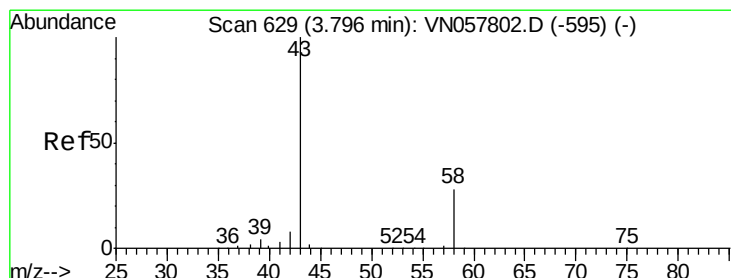
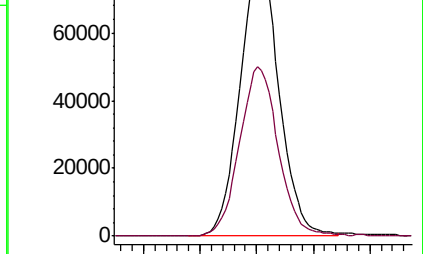
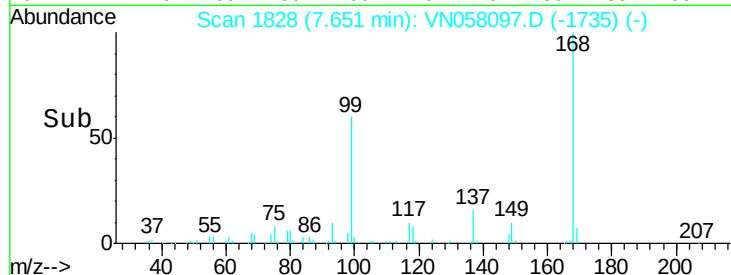


Abundance Ion 167.90 (167.60 to 168.60): VN058097.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058097.D (-1735) (-)

7.65

Time-->



#16

Acetone

Concen: 13.427 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058097.D

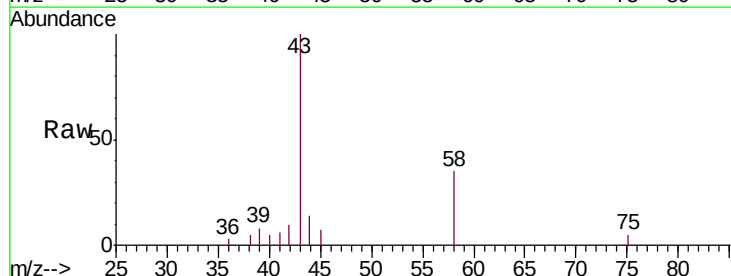
Acq: 15 Sep 2019 17:12

Tgt Ion: 43 Resp: 17564

Ion Ratio Lower Upper

43 100

58 36.3 22.2 33.2#

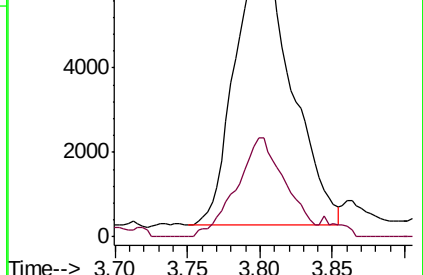
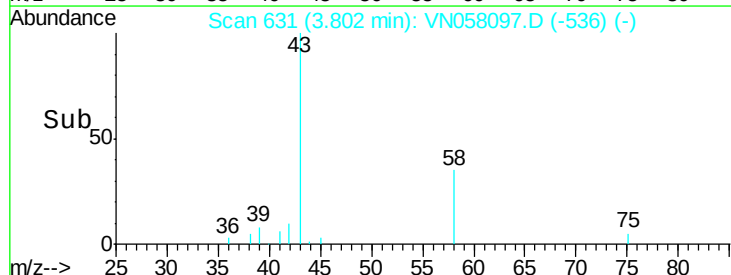


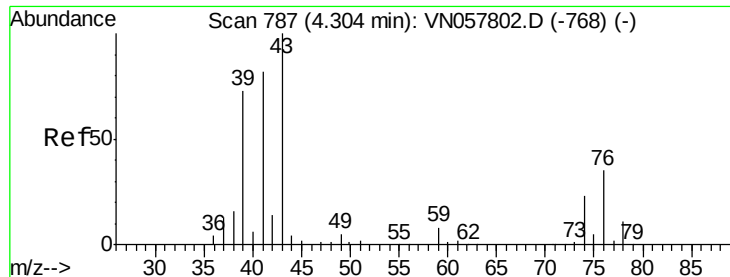
Abundance Ion 43.00 (42.70 to 43.70): VN058097.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN058097.D (-536) (-)

3.80

Time-->

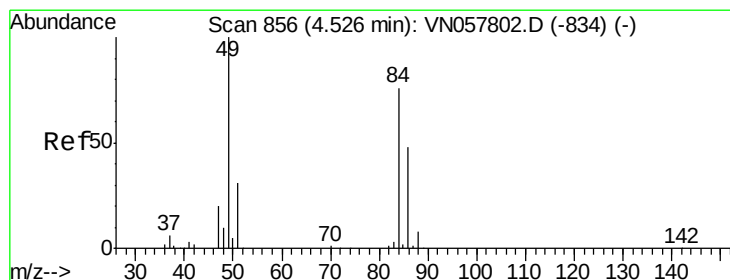
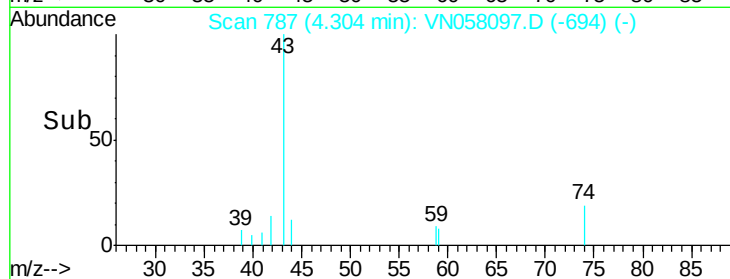
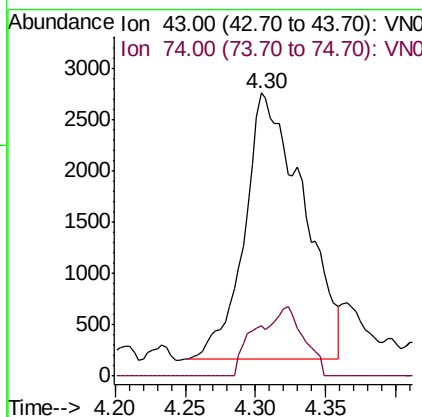
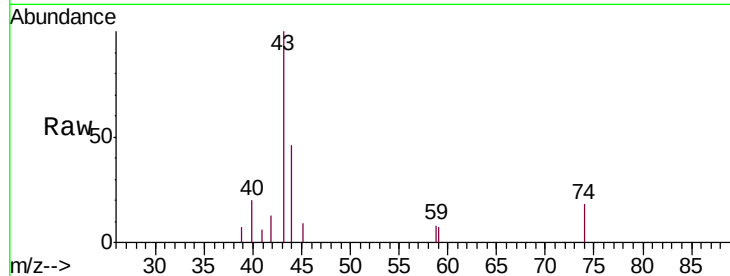




#18
Methyl Acetate
Concen: 2.144 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058097.D
Acq: 15 Sep 2019 17:12

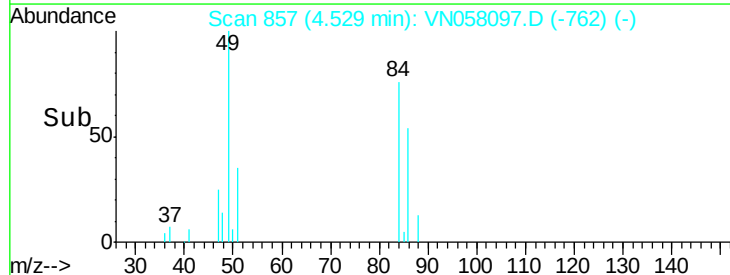
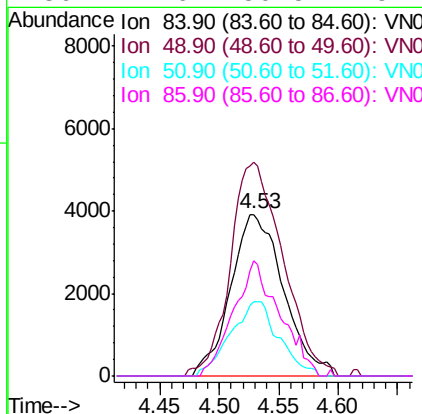
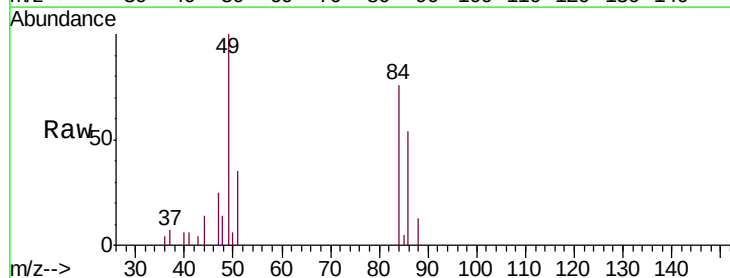
Instrument :
MSVOA_N
ClientSampleId :
T4-2-(0)-BRUCKNER

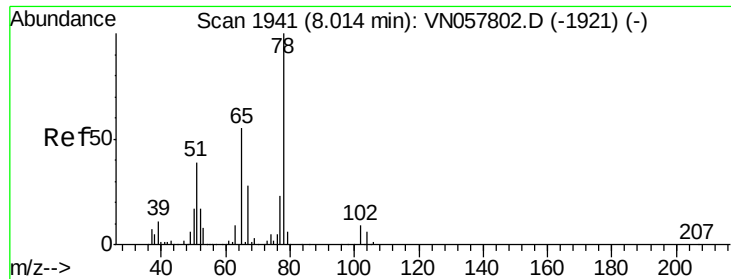
Tgt Ion: 43 Resp: 7479
Ion Ratio Lower Upper
43 100
74 21.2 17.9 26.9



#20
Methylene Chloride
Concen: 3.707 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058097.D
Acq: 15 Sep 2019 17:12

Tgt Ion: 84 Resp: 12069
Ion Ratio Lower Upper
84 100
49 132.1 104.8 157.2
51 46.3 33.0 49.4
86 71.6 50.5 75.7

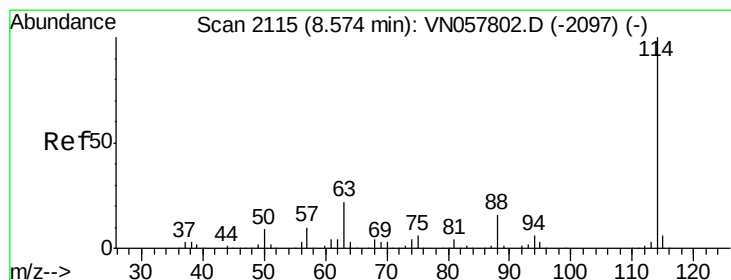
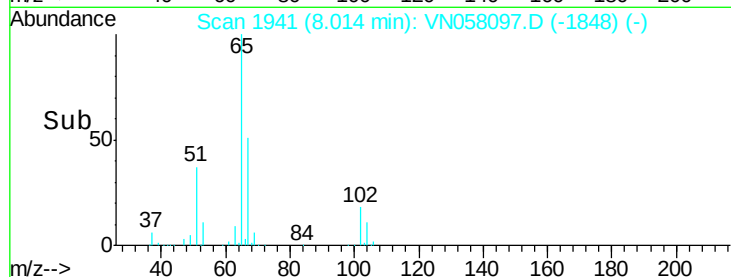
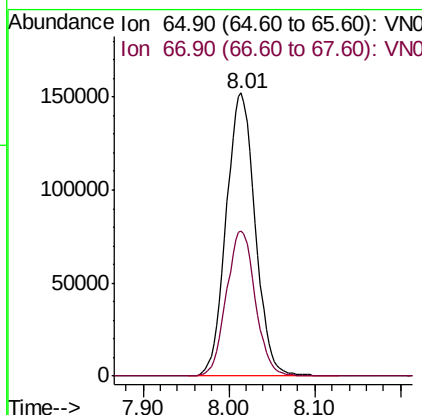
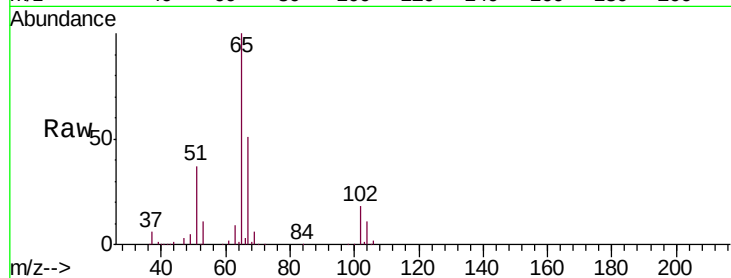




#33
 1,2-Dichloroethane-d4
 Concen: 89.257 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058097.D
 Acq: 15 Sep 2019 17:12

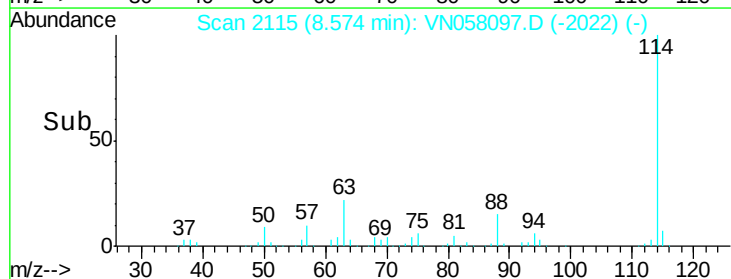
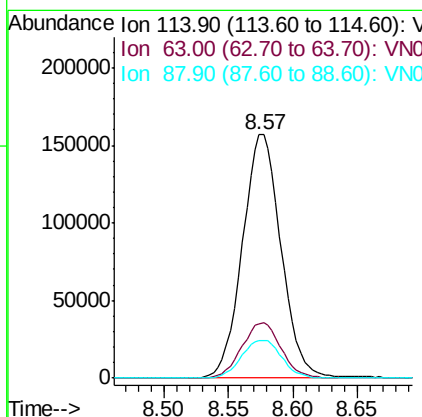
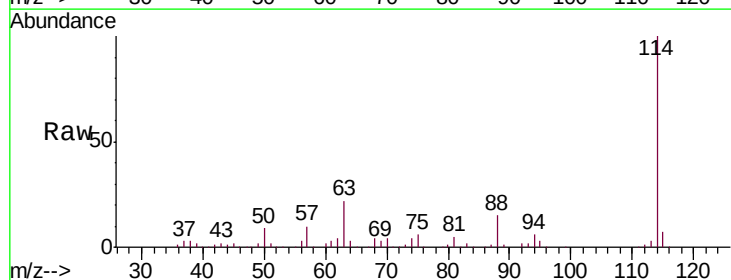
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-2-(0)-BRUCKNER

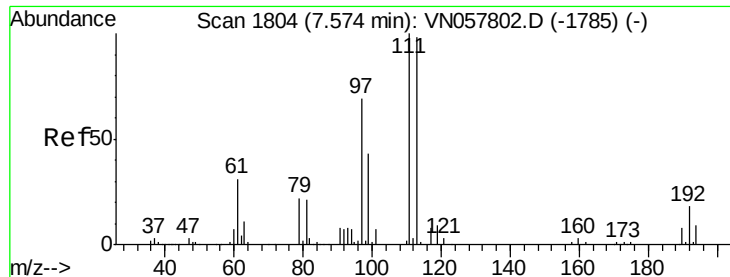
Tgt Ion: 65 Resp: 356167
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058097.D
 Acq: 15 Sep 2019 17:12

Tgt Ion: 114 Resp: 327124
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.0
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 80.659 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058097.D

Acq: 15 Sep 2019 17:12

Instrument :

MSVOA_N

ClientSampleId :

T4-2(0)-BRUCKNER

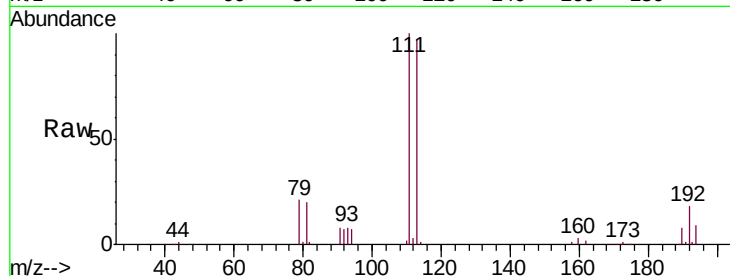
Tgt Ion:113 Resp: 243527

Ion Ratio Lower Upper

113 100

111 104.3 81.3 121.9

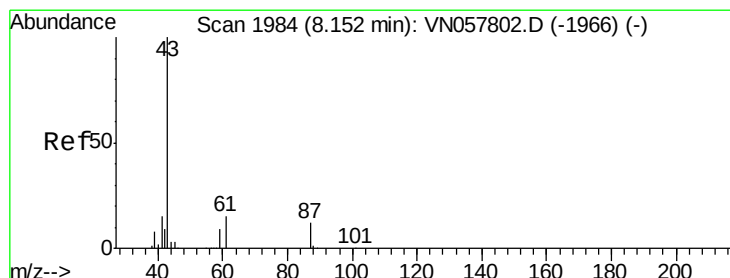
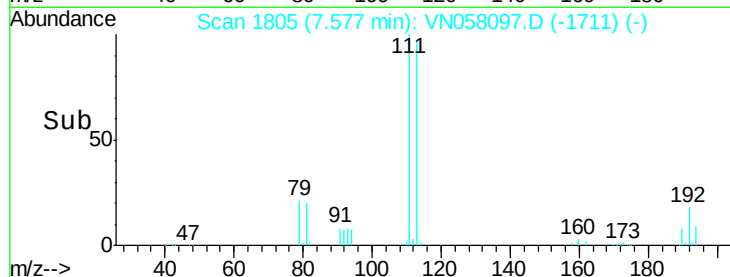
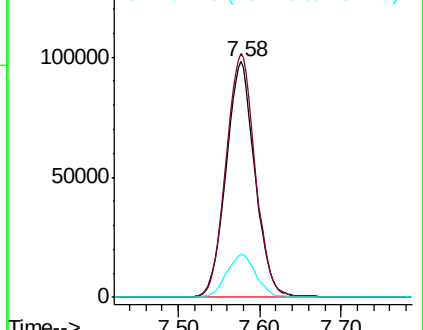
192 18.5 14.6 22.0



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: 20.266 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058097.D

Acq: 15 Sep 2019 17:12

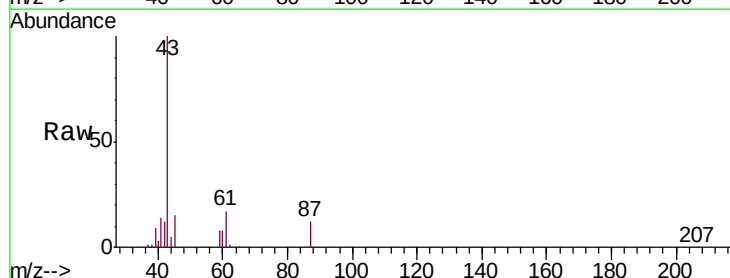
Tgt Ion: 43 Resp: 133584

Ion Ratio Lower Upper

43 100

61 14.6 20.1 30.1#

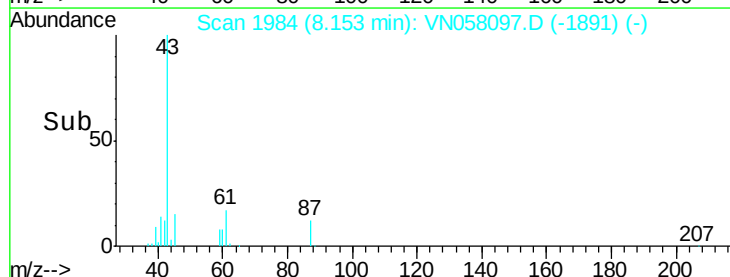
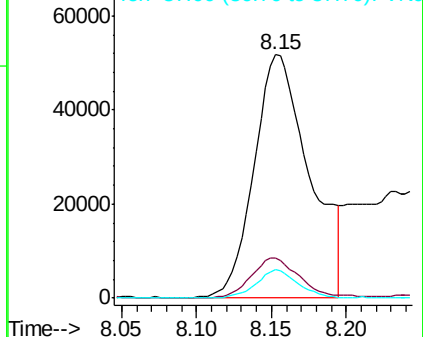
87 8.8 9.5 14.3#

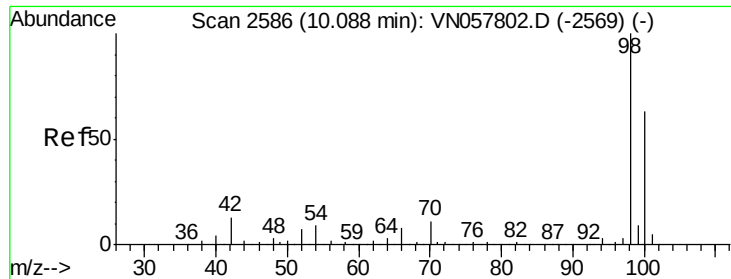


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 82.511 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058097.D

Acq: 15 Sep 2019 17:12

Instrument :

MSVOA_N

ClientSampleId :

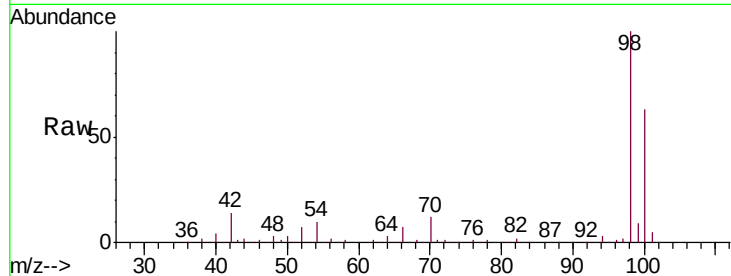
T4-2(0)-BRUCKNER

Tgt Ion: 98 Resp: 967220

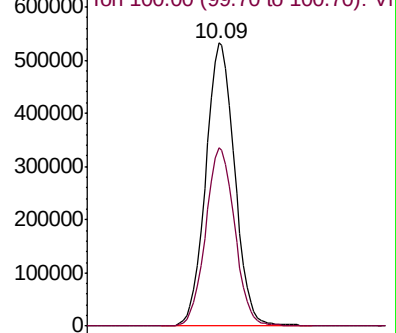
Ion Ratio Lower Upper

98 100

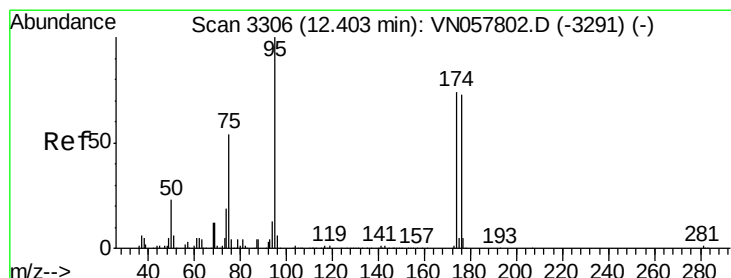
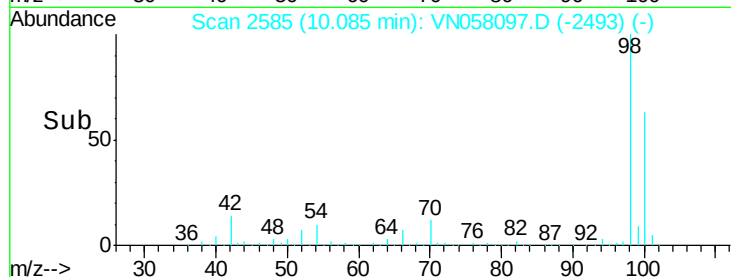
100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 72.536 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058097.D

Acq: 15 Sep 2019 17:12

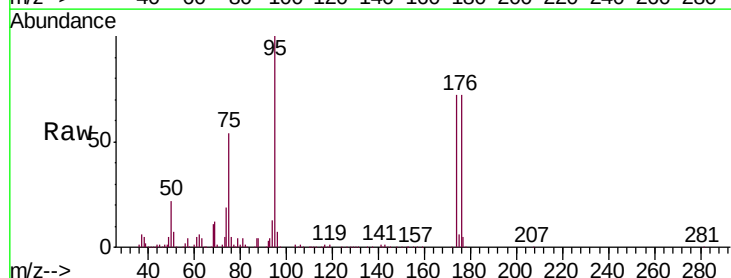
Tgt Ion: 95 Resp: 324035

Ion Ratio Lower Upper

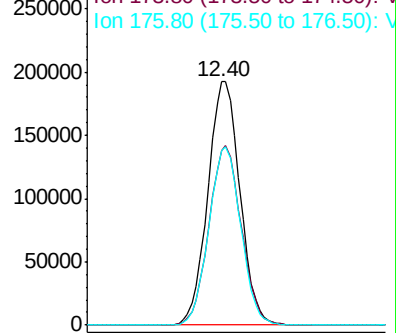
95 100

174 74.3 0.0 150.2

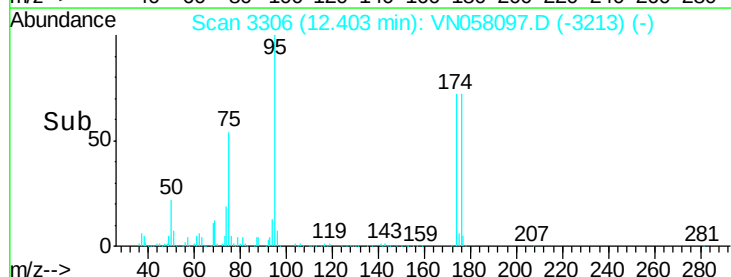
176 72.7 0.0 146.0

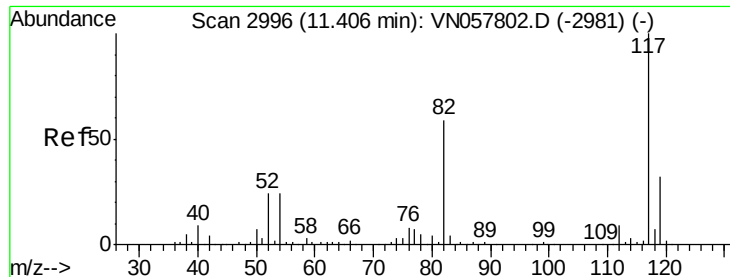


Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058097.D

Acq: 15 Sep 2019 17:12

Instrument :

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ClientSampleId :

T4-2-(0)-BRUCKNER

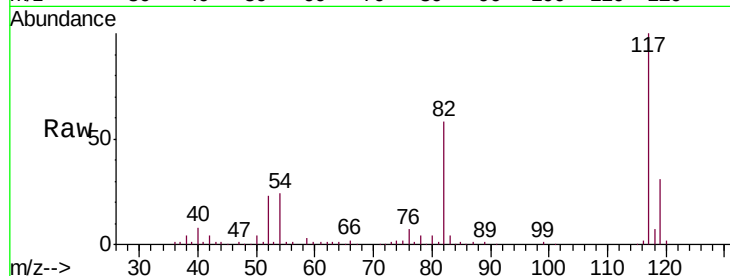
Tgt Ion:117 Resp: 306138

Ion Ratio Lower Upper

117 100

82 58.4 47.2 70.8

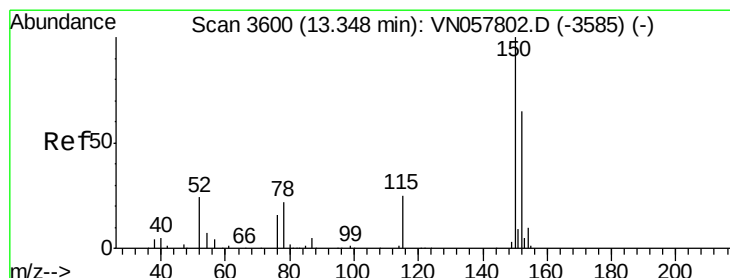
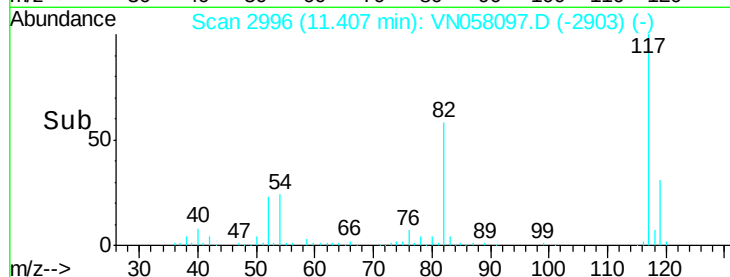
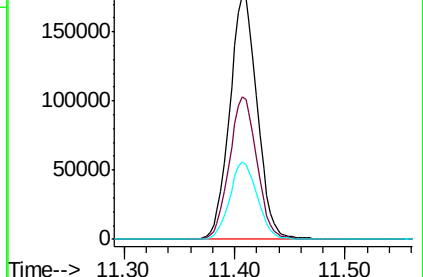
119 31.5 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058097.D

Acq: 15 Sep 2019 17:12

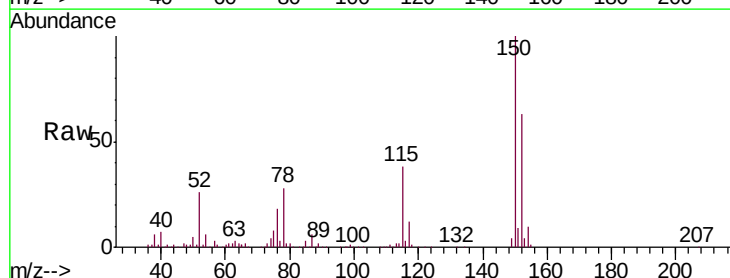
Tgt Ion:152 Resp: 160794

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

150 157.6 0.0 352.4



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

