

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091519\
 Data File : VN058098.D
 Acq On : 15 Sep 2019 17:34
 Operator : JC/SP
 Sample : K4719-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-2-(1.5)-BRUCKNER

Quant Time: Sep 16 05:02:44 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

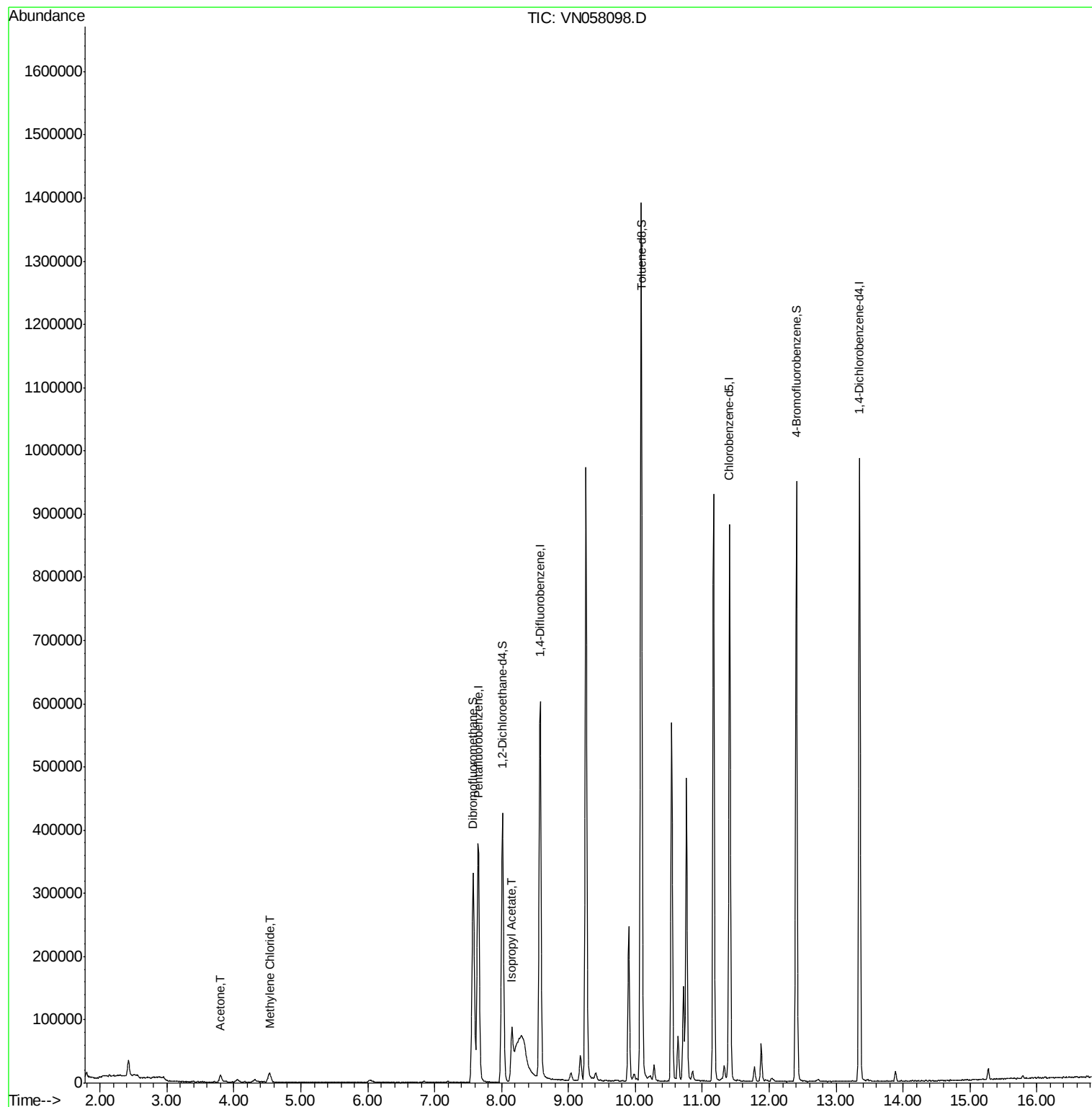
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	301654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	518167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	368199	60.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.52%	
35) Dibromofluoromethane	7.58	113	248973	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
50) Toluene-d8	10.08	98	951136	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.40	95	320731	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
16) Acetone	3.80	43	18062	9.018	ug/l #	83
20) Methylene Chloride	4.53	84	10444	1.546	ug/l	89
43) Isopropyl Acetate	8.16	43	108272	10.370	ug/l #	83

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

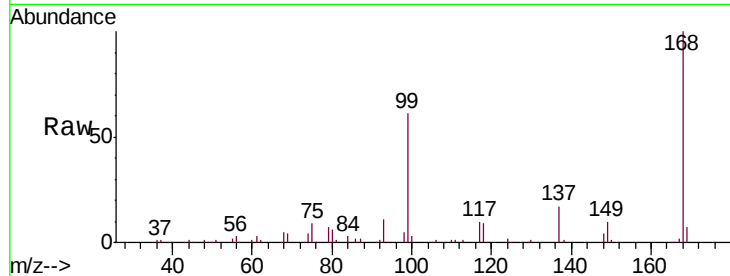
T4-2-(1.5)-BRUCKNER

Tgt Ion:168 Resp: 301654

Ion Ratio Lower Upper

168 100

99 60.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

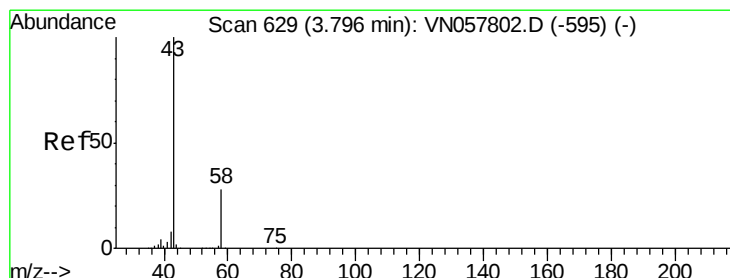
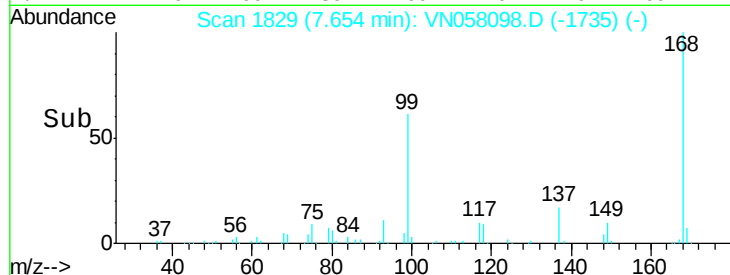
7.65

100000

50000

0

Time-->



#16

Acetone

Concen: 9.018 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058098.D

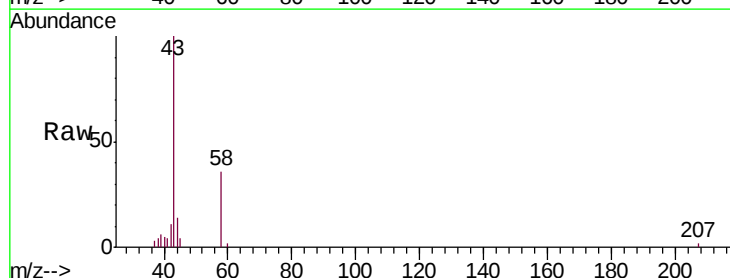
Acq: 15 Sep 2019 17:34

Tgt Ion: 43 Resp: 18062

Ion Ratio Lower Upper

43 100

58 36.7 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

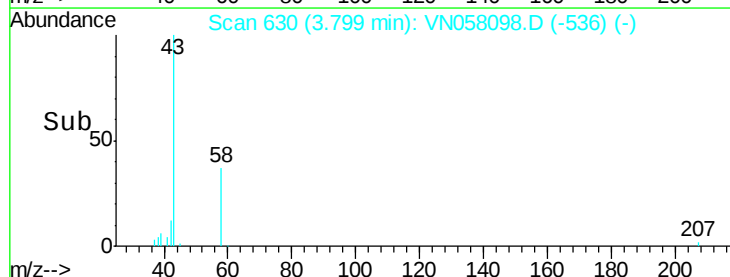
6000

4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.546 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058098.D

Acq: 15 Sep 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-BRUCKNER

Tgt Ion: 84 Resp: 10444

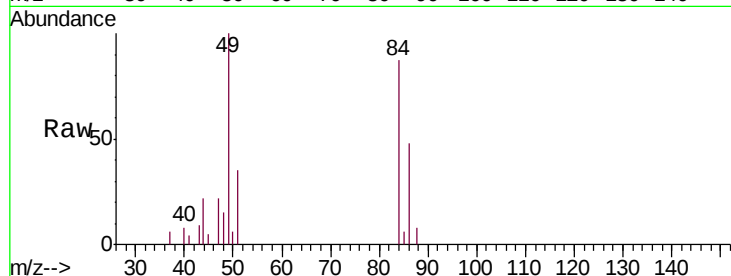
Ion Ratio Lower Upper

84 100

49 114.4 104.8 157.2

51 39.7 33.0 49.4

86 54.6 50.5 75.7

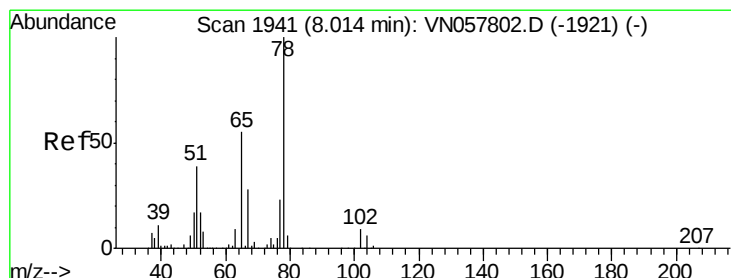
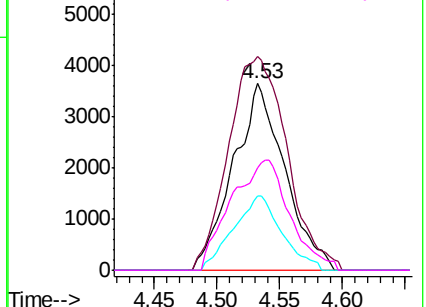
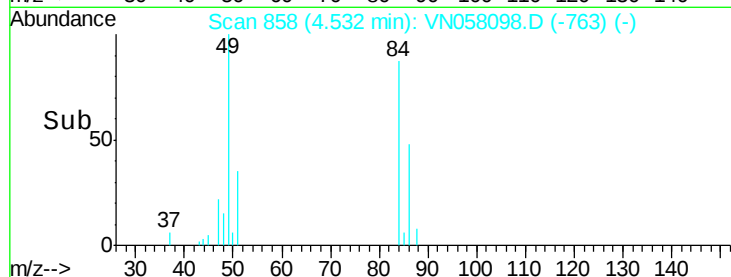


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 60.264 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058098.D

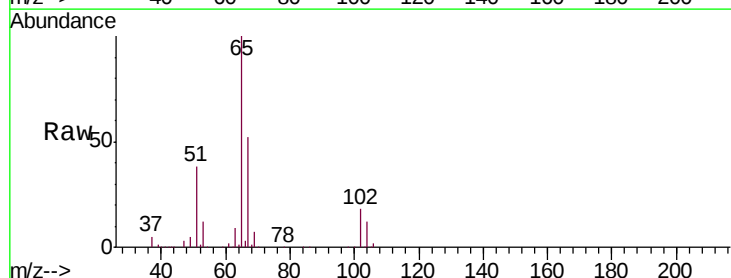
Acq: 15 Sep 2019 17:34

Tgt Ion: 65 Resp: 368199

Ion Ratio Lower Upper

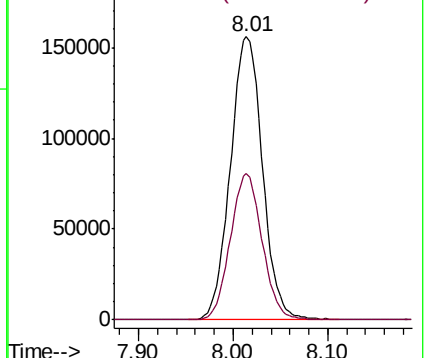
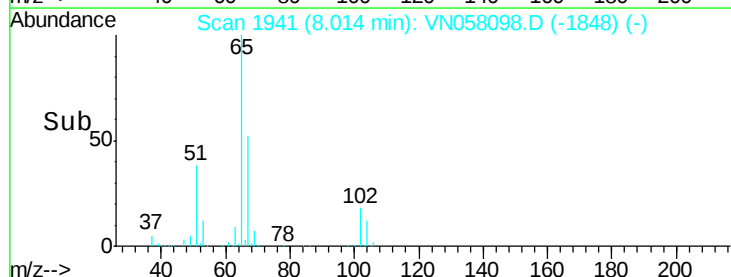
65 100

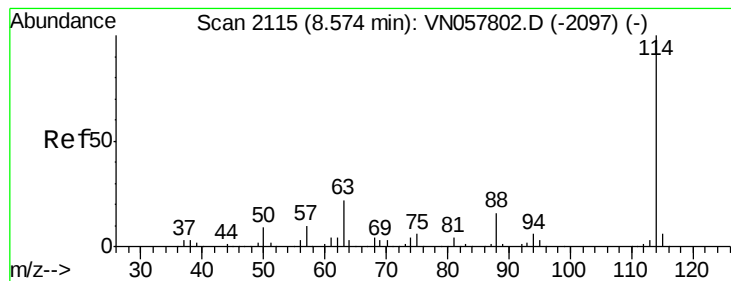
67 51.0 0.0 104.0



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: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058098.D

Acq: 15 Sep 2019 17:34

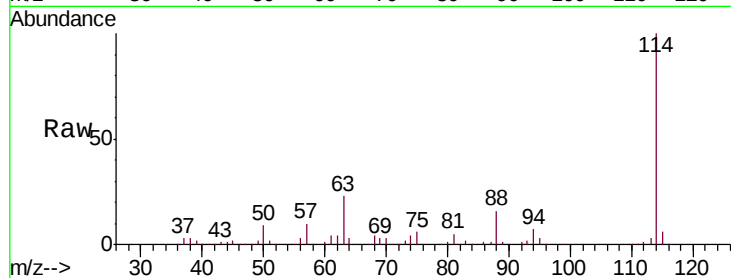
Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-BRUCKNER

Tgt Ion:	114	Resp:	518167
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.0
88	16.4	0.0	31.4

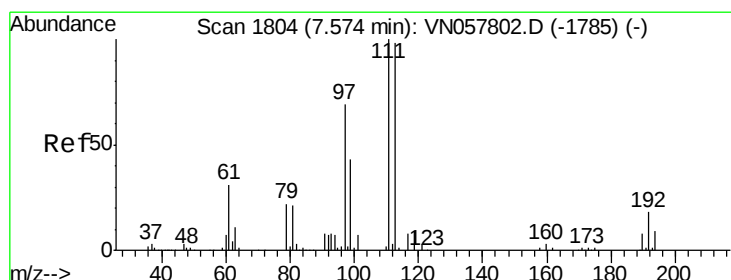
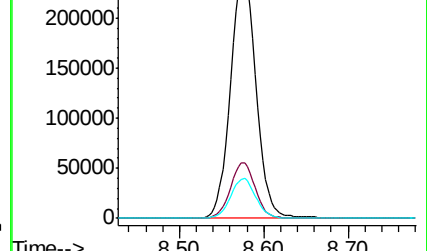
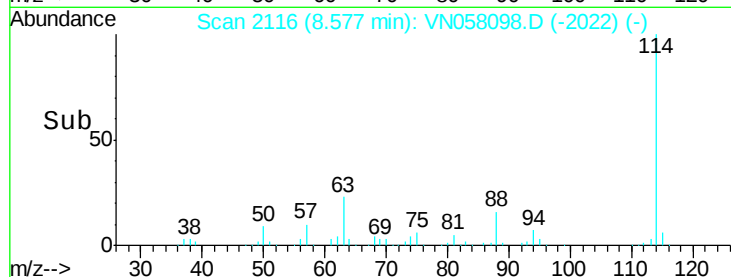


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

Time-->



#35

Dibromofluoromethane

Concen: 52.059 ug/l

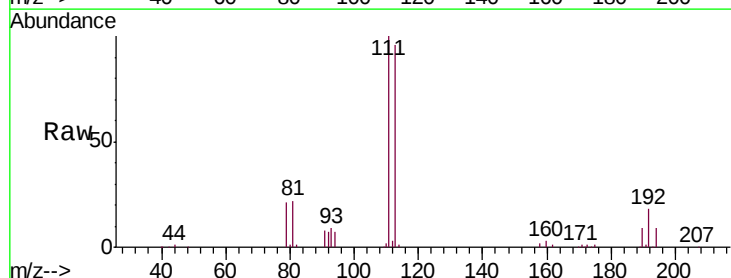
RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058098.D

Acq: 15 Sep 2019 17:34

Tgt Ion:	113	Resp:	248973
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.3	121.9
192	18.9	14.6	22.0

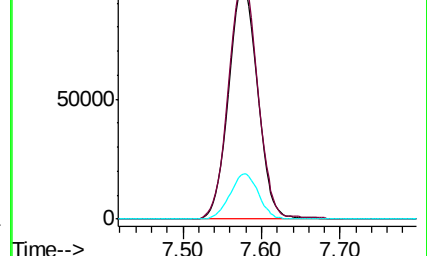
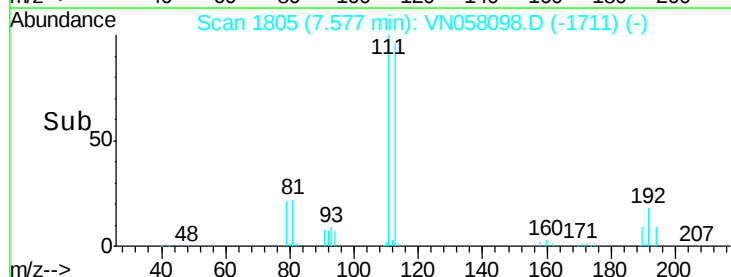


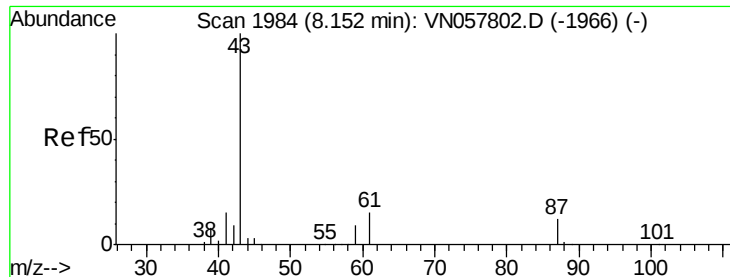
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->





#43

Isopropyl Acetate

Concen: 10.370 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058098.D

Acq: 15 Sep 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-BRUCKNER

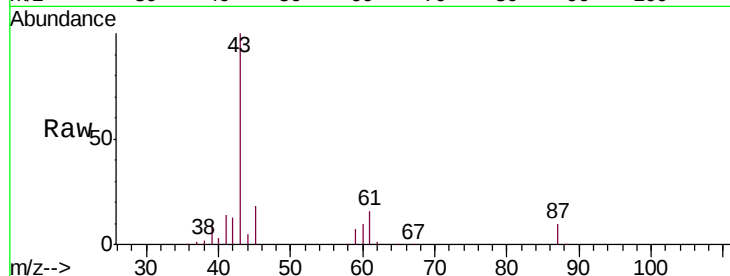
Tgt Ion: 43 Resp: 108272

Ion Ratio Lower Upper

43 100

61 14.7 20.1 30.1#

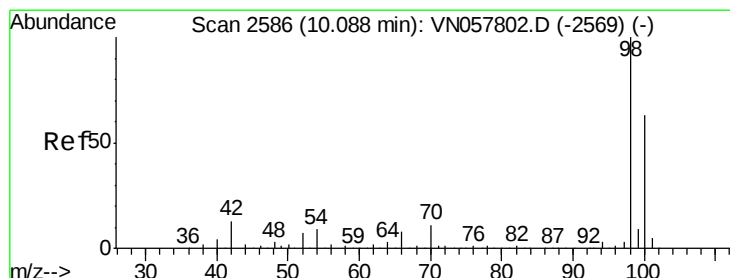
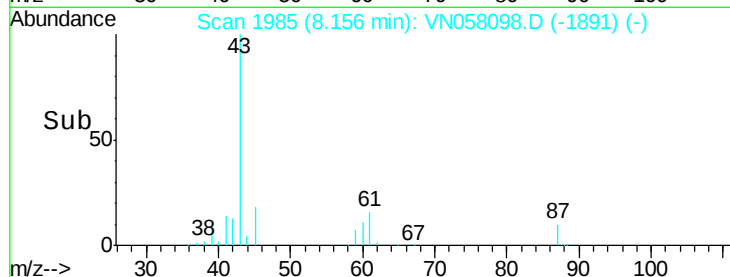
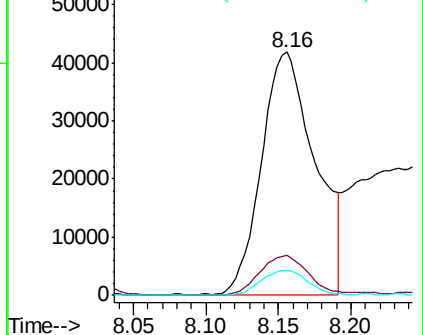
87 8.9 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN058098.D (-1984) (-)

Ion 61.00 (60.70 to 61.70): VN058098.D (-1984) (-)

Ion 87.00 (86.70 to 87.70): VN058098.D (-1984) (-)



#50

Toluene-d8

Concen: 51.224 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058098.D

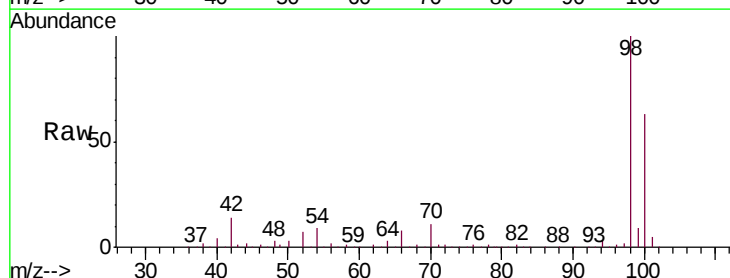
Acq: 15 Sep 2019 17:34

Tgt Ion: 98 Resp: 951136

Ion Ratio Lower Upper

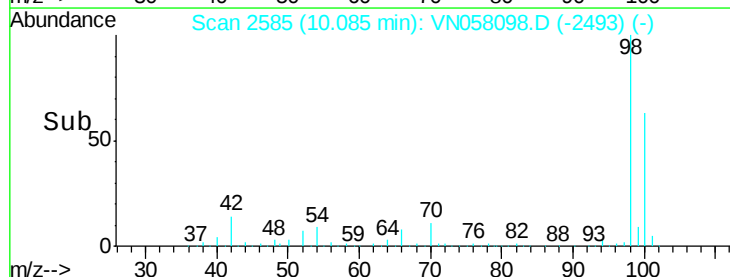
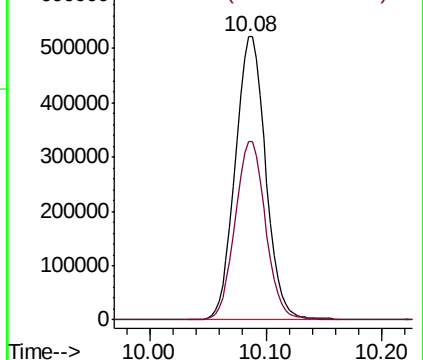
98 100

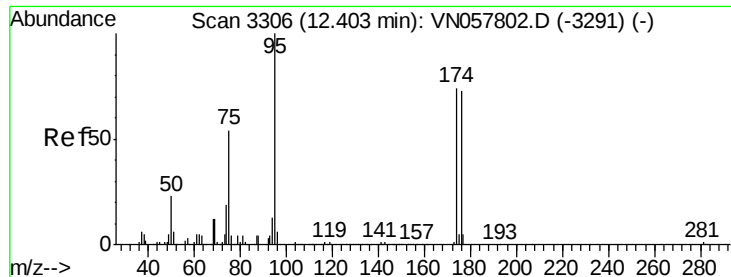
100 63.3 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN058098.D (-2586) (-)

Ion 100.00 (99.70 to 100.70): VN058098.D (-2586) (-)





#62

4-Bromofluorobenzene

Concen: 45.326 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058098.D

Acq: 15 Sep 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-BRUCKNER

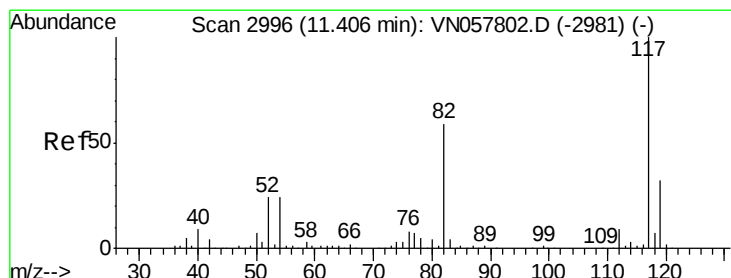
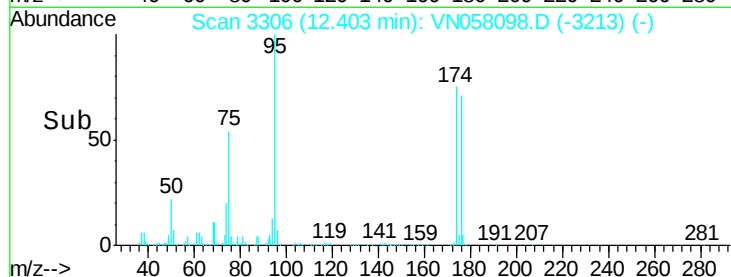
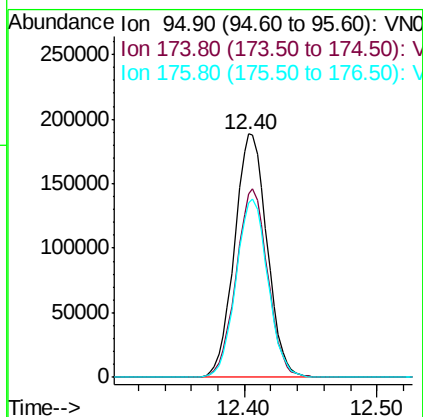
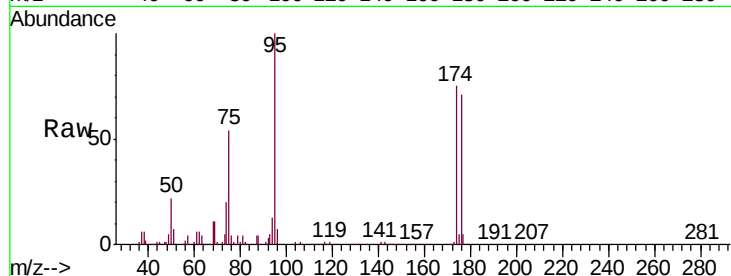
Tgt Ion: 95 Resp: 320731

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

176 72.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058098.D

Acq: 15 Sep 2019 17:34

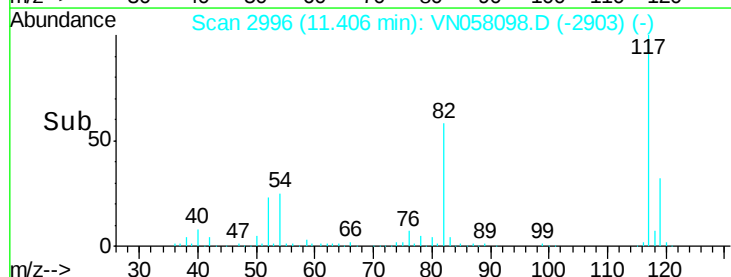
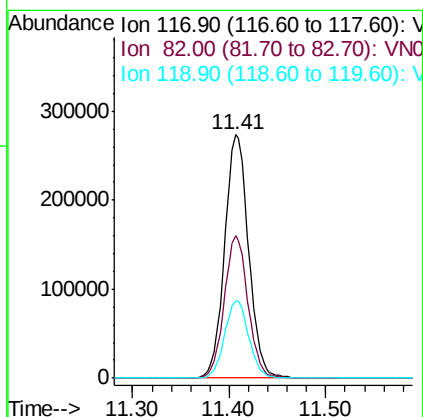
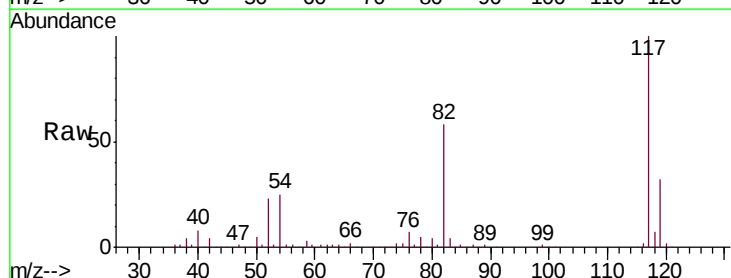
Tgt Ion: 117 Resp: 469486

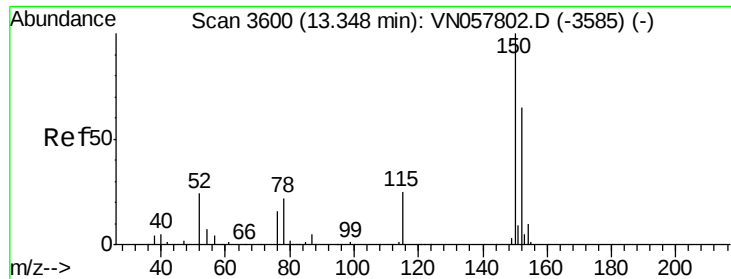
Ion Ratio Lower Upper

117 100

82 58.4 47.2 70.8

119 32.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058098.D

Acq: 15 Sep 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-BRUCKNER

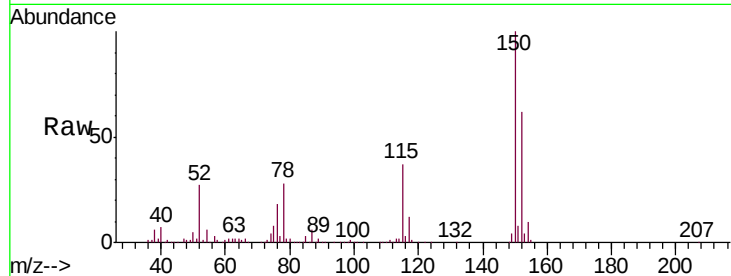
Tgt Ion:152 Resp: 245632

Ion Ratio Lower Upper

152 100

115 60.7 30.3 91.0

150 158.3 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

