

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091519\
 Data File : VN058100.D
 Acq On : 15 Sep 2019 18:19
 Operator : JC/SP
 Sample : K4719-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-3-(1.5)-BRUCKNER

Quant Time: Sep 16 05:17:48 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

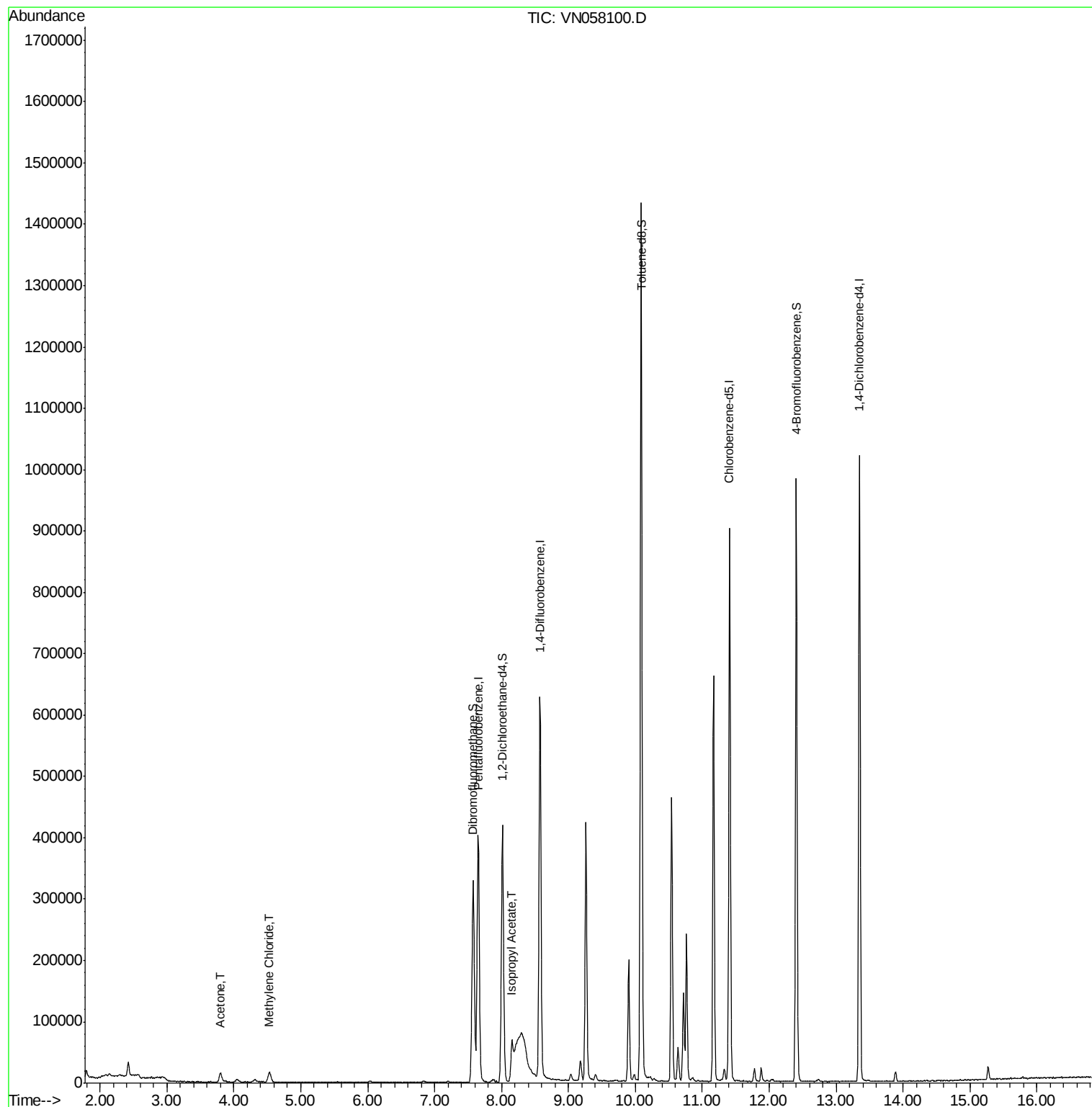
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	311570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	536246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	362190	57.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.78%	
35) Dibromofluoromethane	7.58	113	250544	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	10.09	98	977854	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.40	95	326125	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
Target Compounds						
16) Acetone	3.80	43	27391	13.240	ug/l	95
20) Methylene Chloride	4.53	84	12184	1.910	ug/l	90
43) Isopropyl Acetate	8.15	43	80276	7.429	ug/l #	82

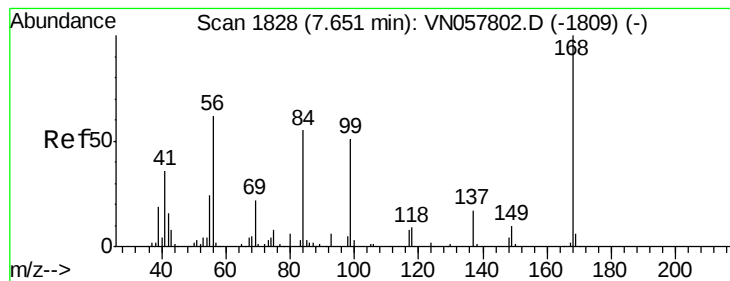
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091519\
Data File : VN058100.D
Acq On : 15 Sep 2019 18:19
Operator : JC/SP
Sample : K4719-23
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T4-3-(1.5)-BRUCKNER

Quant Time: Sep 16 05:17:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
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: VN058100.D

Acq: 15 Sep 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

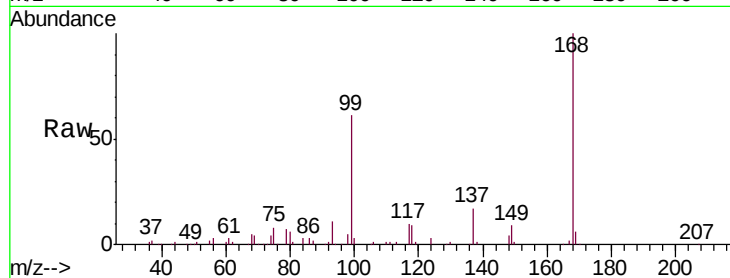
T4-3-(1.5)-BRUCKNER

Tgt Ion:168 Resp: 311570

Ion Ratio Lower Upper

168 100

99 61.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN058100.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058100.D (-1735) (-)

7.65

150000

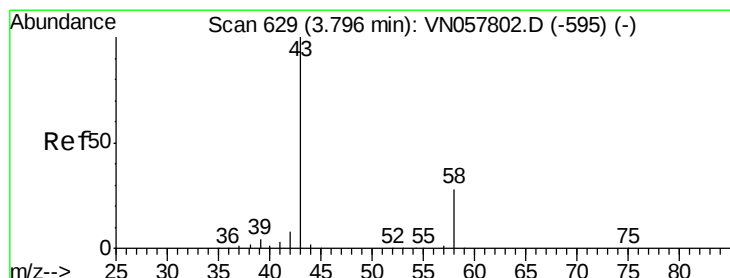
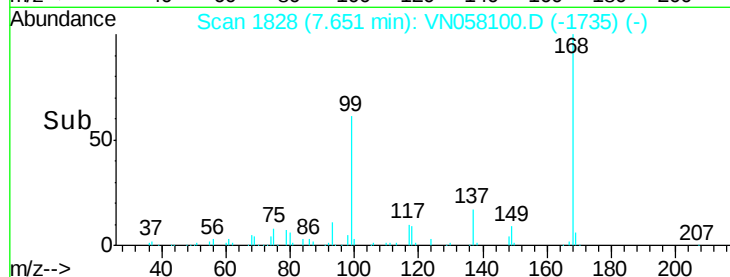
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 13.240 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058100.D

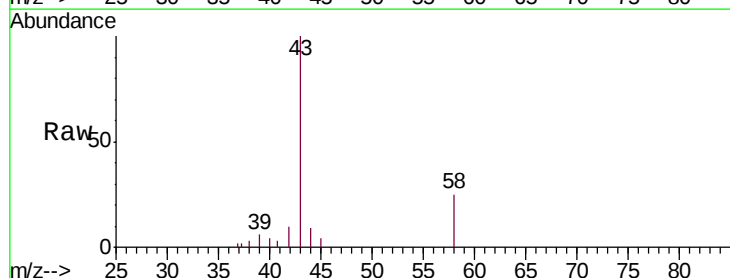
Acq: 15 Sep 2019 18:19

Tgt Ion: 43 Resp: 27391

Ion Ratio Lower Upper

43 100

58 25.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN058100.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN058100.D (-536) (-)

3.80

12000

10000

8000

6000

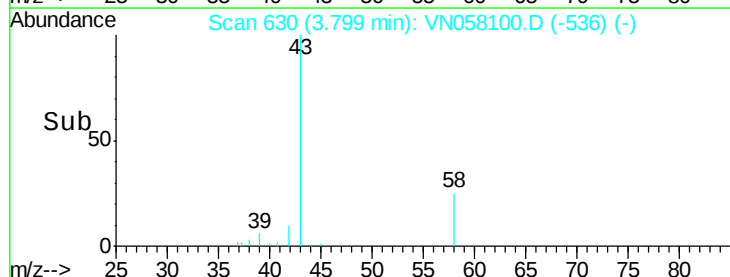
4000

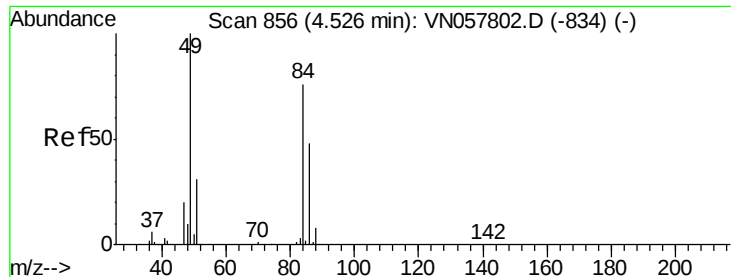
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 1.910 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058100.D

Acq: 15 Sep 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

T4-3-(1.5)-BRUCKNER

Tgt Ion: 84 Resp: 12184

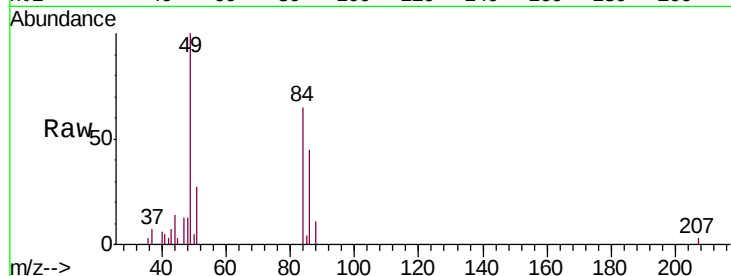
Ion Ratio Lower Upper

84 100

49 148.0 104.8 157.2

51 41.6 33.0 49.4

86 68.9 50.5 75.7

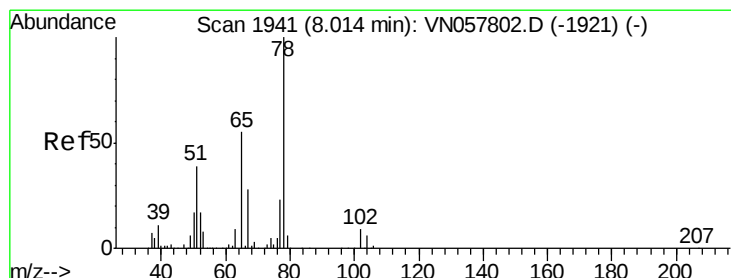
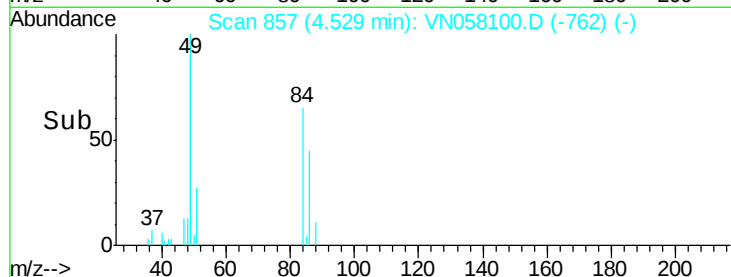
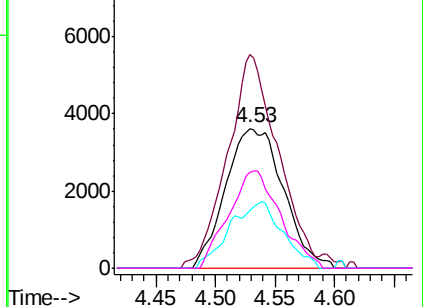


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 57.394 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058100.D

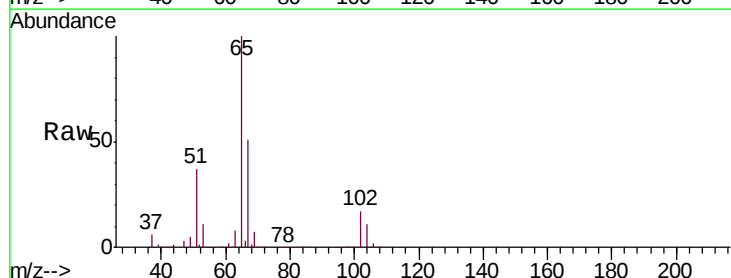
Acq: 15 Sep 2019 18:19

Tgt Ion: 65 Resp: 362190

Ion Ratio Lower Upper

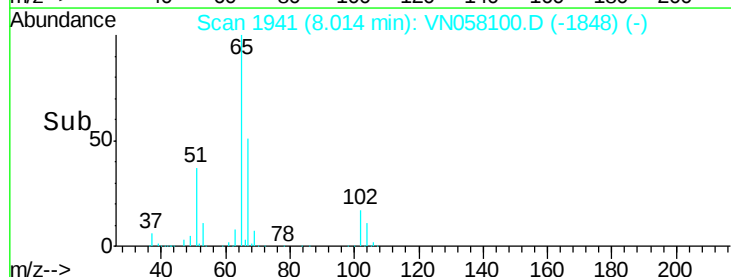
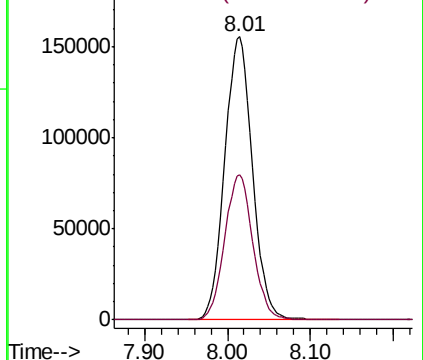
65 100

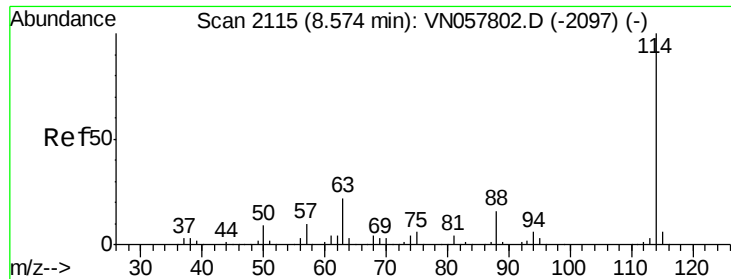
67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

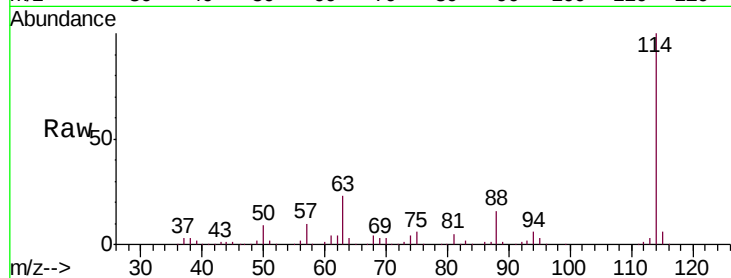




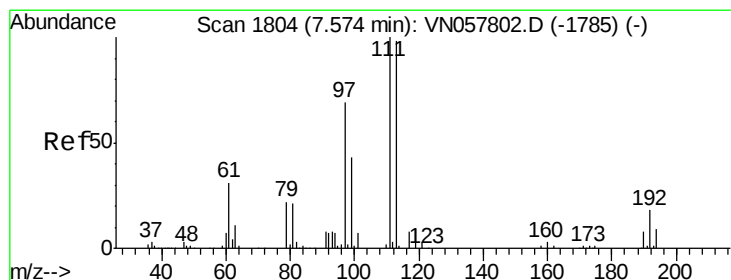
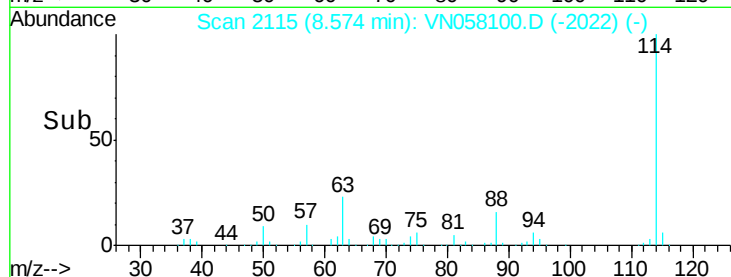
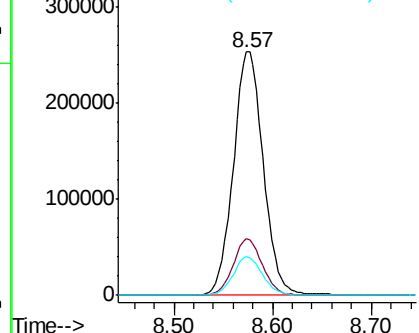
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058100.D
 Acq: 15 Sep 2019 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-3-(1.5)-BRUCKNER

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.0
88	15.9	0.0	31.4

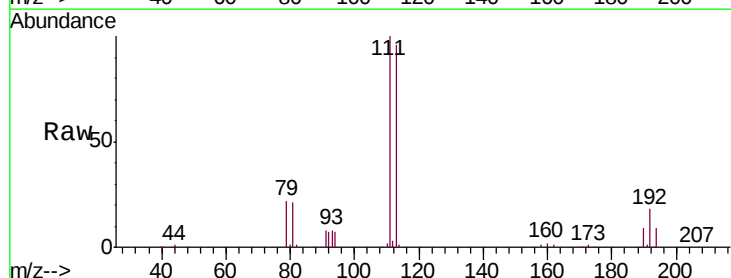


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

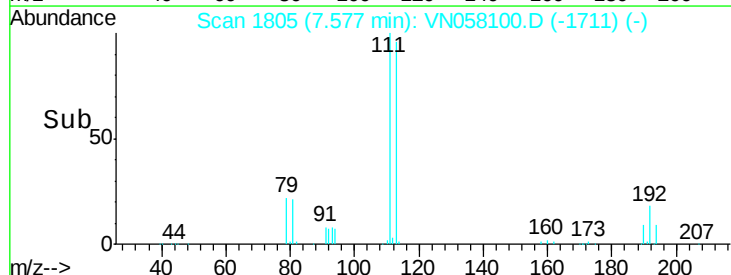
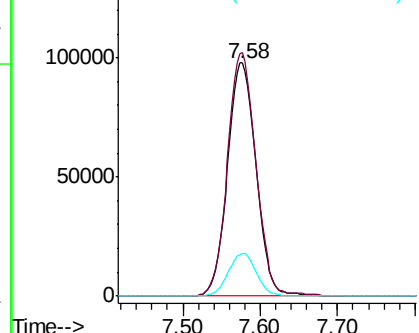


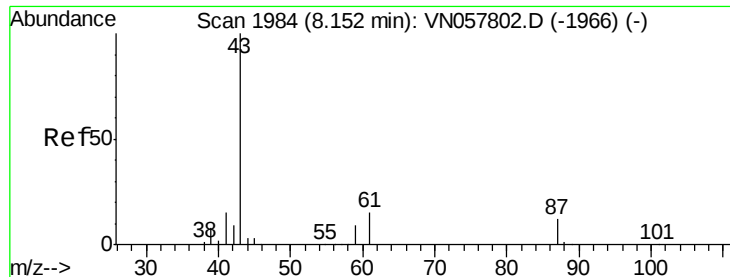
#35
 Dibromofluoromethane
 Concen: 50.622 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058100.D
 Acq: 15 Sep 2019 18:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.3	121.9
192	17.9	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

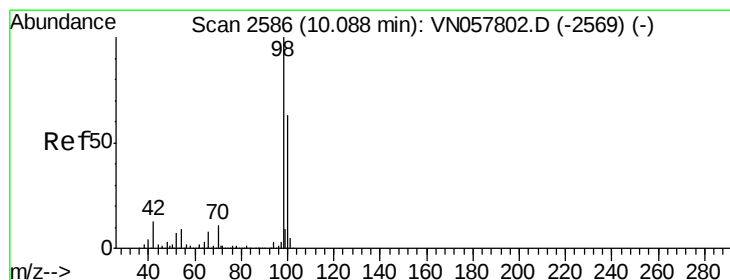
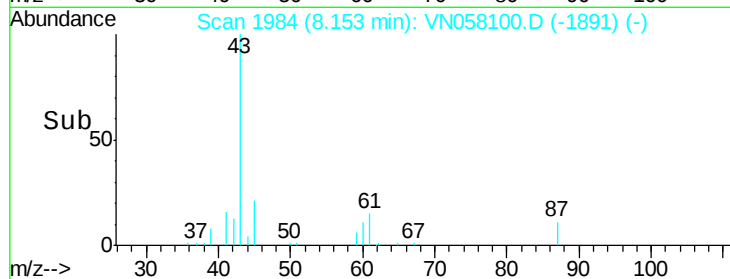
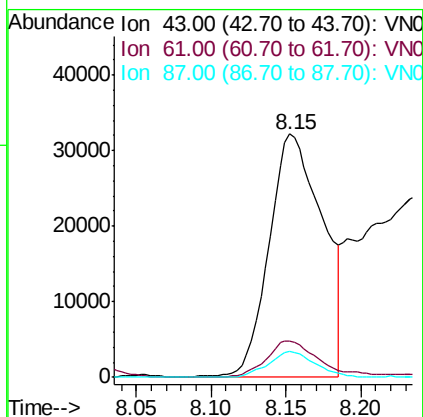
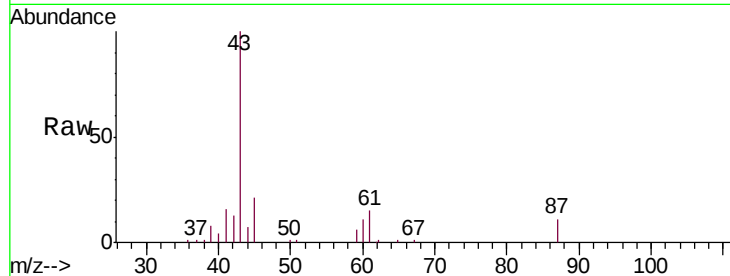




#43
Isopropyl Acetate
Concen: 7.429 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058100.D
Acq: 15 Sep 2019 18:19

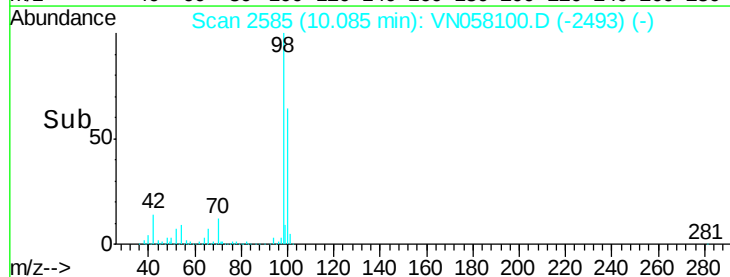
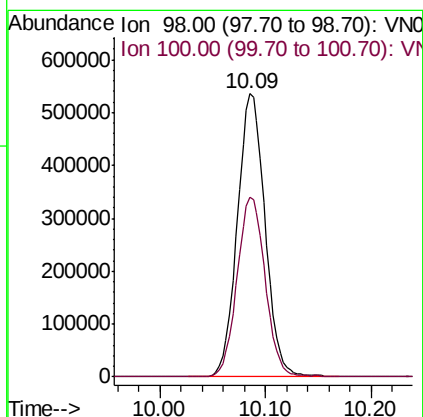
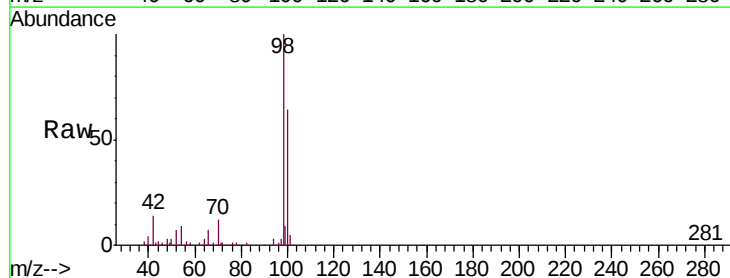
Instrument :
MSVOA_N
ClientSampleId :
T4-3-(1.5)-BRUCKNER

Tgt Ion: 43 Resp: 80276
Ion Ratio Lower Upper
43 100
61 13.8 20.1 30.1#
87 9.1 9.5 14.3#



#50
Toluene-d8
Concen: 50.888 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058100.D
Acq: 15 Sep 2019 18:19

Tgt Ion: 98 Resp: 977854
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 44.534 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058100.D

Acq: 15 Sep 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

T4-3-(1.5)-BRUCKNER

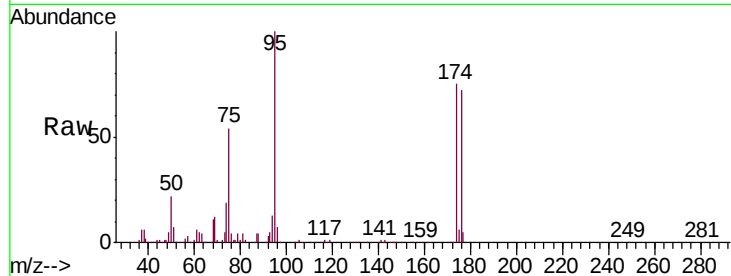
Tgt Ion: 95 Resp: 326125

Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.2

176 73.8 0.0 146.0

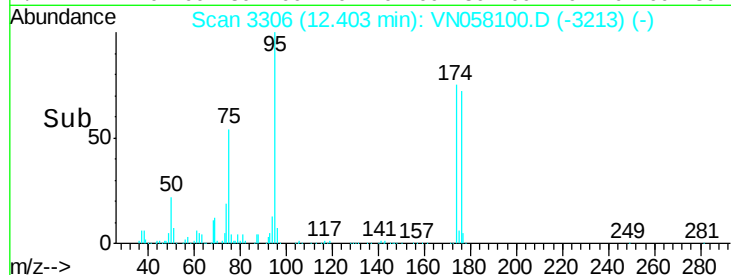


Abundance Ion 94.90 (94.60 to 95.60): VN058100.D (-2903) (-)

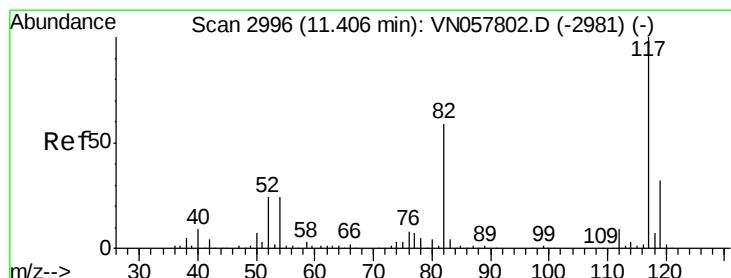
Ion 173.80 (173.50 to 174.50): VN058100.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN058100.D (-2903) (-)

Time--> 12.30 12.40 12.50



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058100.D

Acq: 15 Sep 2019 18:19

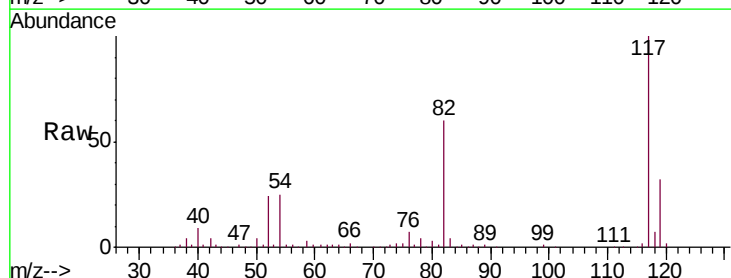
Tgt Ion: 117 Resp: 486716

Ion Ratio Lower Upper

117 100

82 60.0 47.2 70.8

119 31.8 25.3 37.9

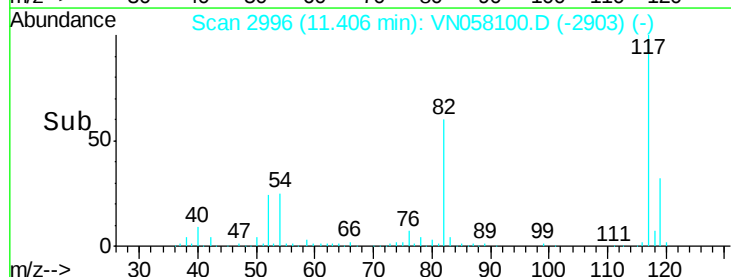


Abundance Ion 116.90 (116.60 to 117.60): VN058100.D (-2903) (-)

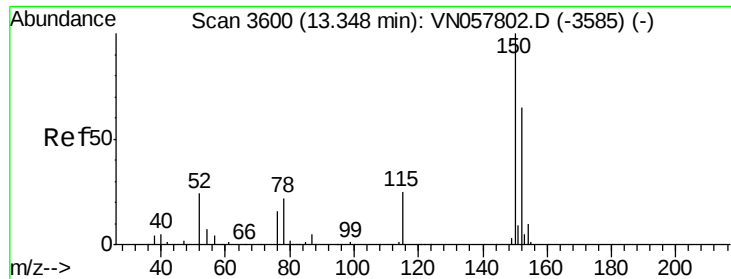
Ion 82.00 (81.70 to 82.70): VN058100.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058100.D (-2903) (-)

Time--> 11.30 11.40 11.50



Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058100.D

Acq: 15 Sep 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

T4-3-(1.5)-BRUCKNER

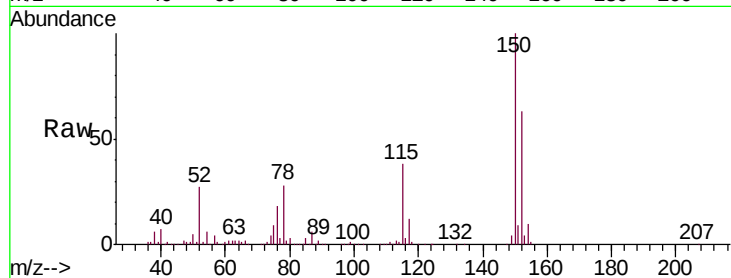
Tgt Ion:152 Resp: 260229

Ion Ratio Lower Upper

152 100

115 59.4 30.3 91.0

150 155.6 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

