

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058111.D
 Acq On : 16 Sep 2019 12:29
 Operator : JC/SP
 Sample : K4719-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 17 09:04:21 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

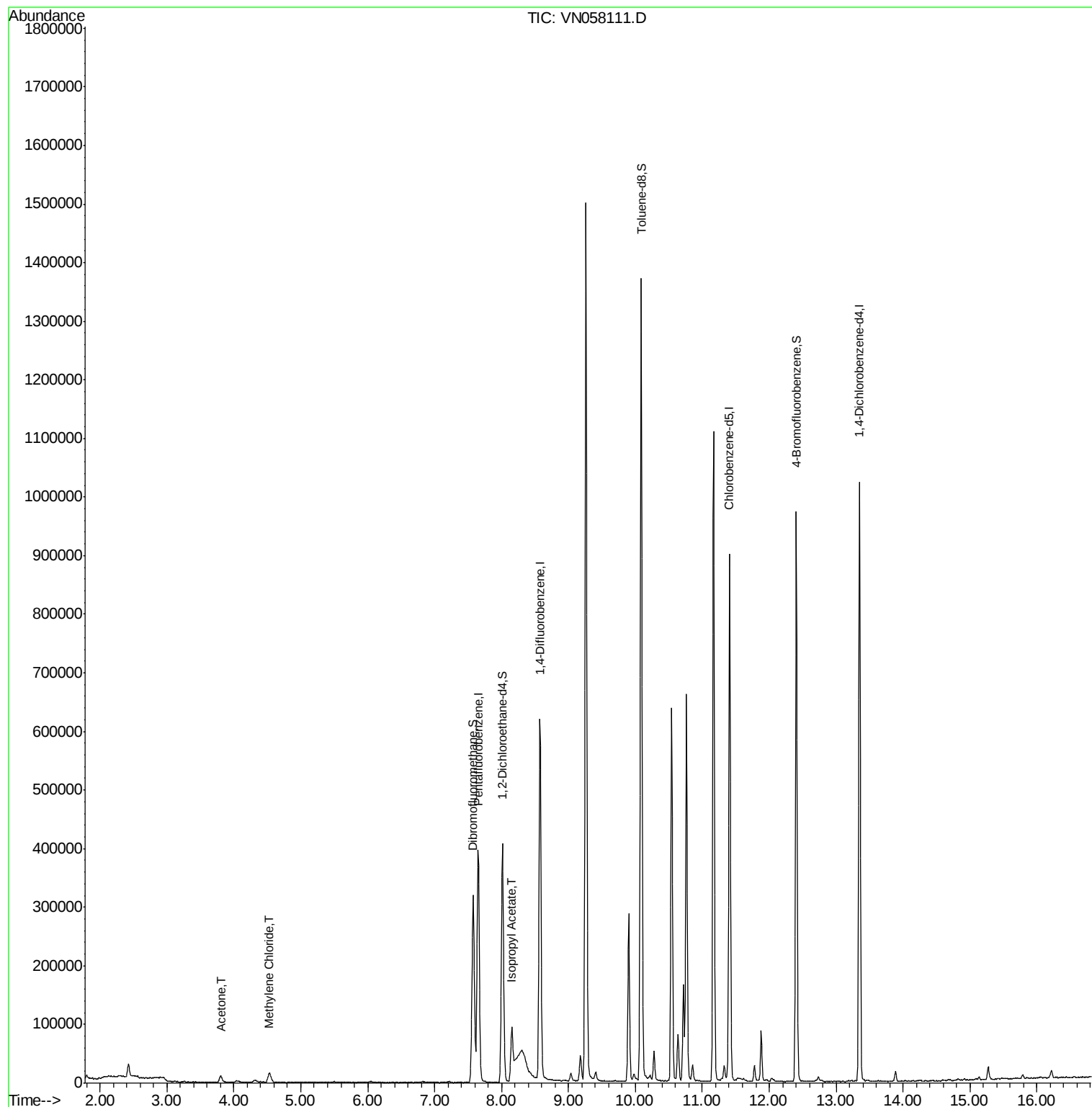
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	314630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	524387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	480760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	257666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	354228	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
35) Dibromofluoromethane	7.58	113	244906	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	10.09	98	955328	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	321782	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
Target Compounds						
16) Acetone	3.80	43	19747	9.453	ug/l	96
20) Methylene Chloride	4.54	84	12532	1.969	ug/l #	86
43) Isopropyl Acetate	8.16	43	124902	11.821	ug/l #	86

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058111.D

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ClientSampleId :

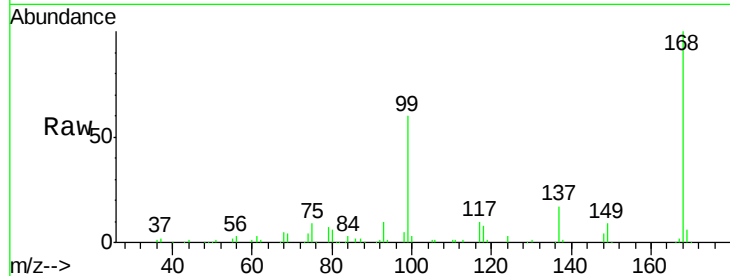
T4-2(0)-BRUCKNER

Tot Ion:168 Resp: 314630

Ion Ratio Lower Upper

168 100

99 60.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

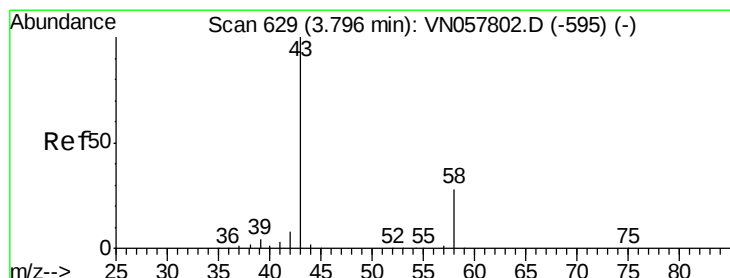
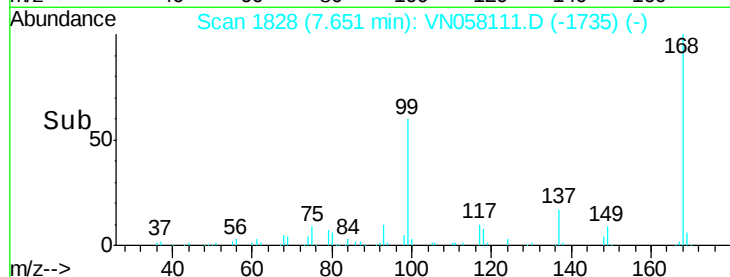
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 9.453 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058111.D

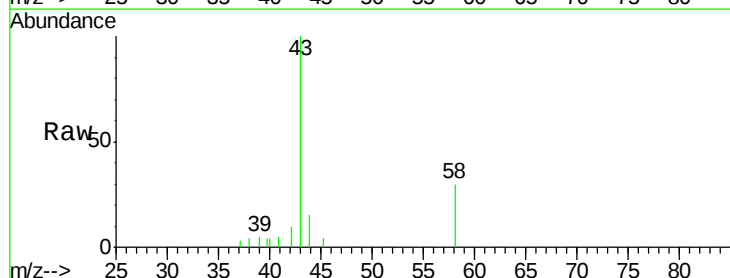
Acq: 16 Sep 2019 12:29

Tgt Ion: 43 Resp: 19747

Ion Ratio Lower Upper

43 100

58 30.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

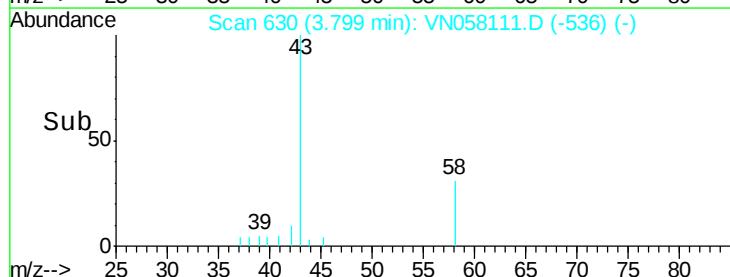
4000

2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

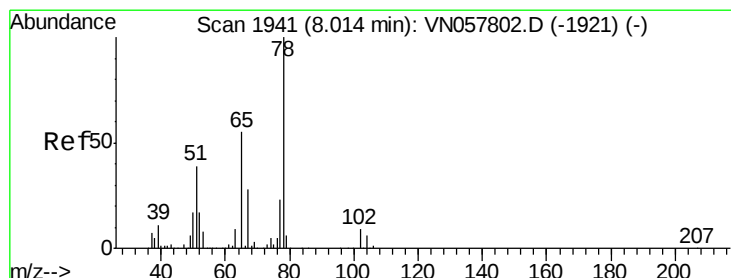
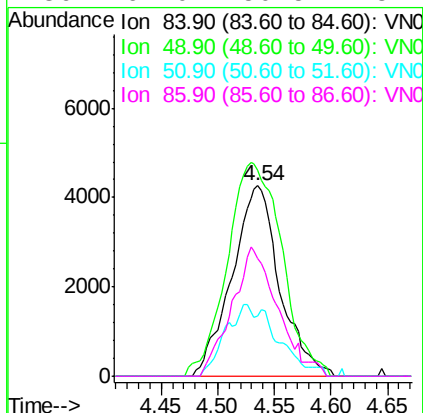
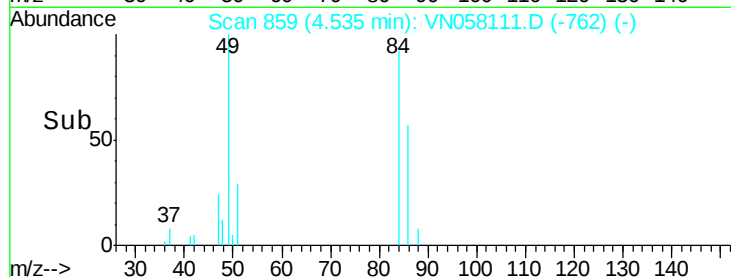
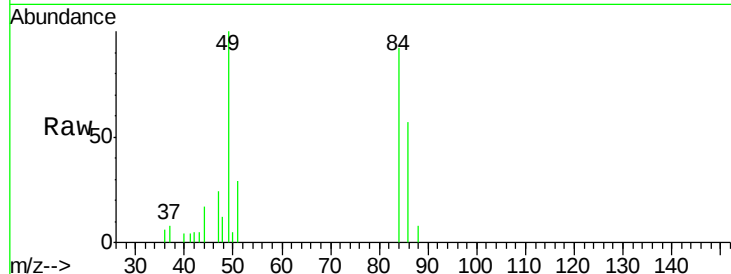




#20
Methvlene Chloride
Concen: 1.969 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN058111.D
Acq: 16 Sep 2019 12:29

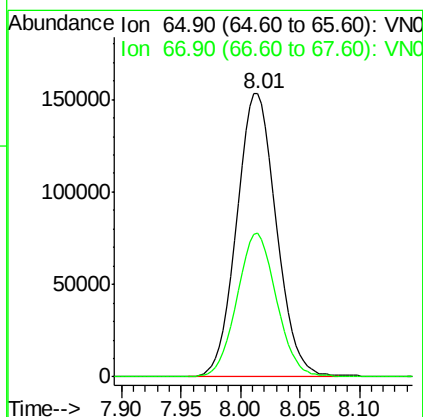
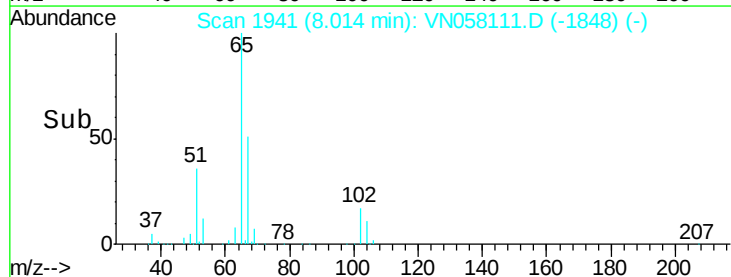
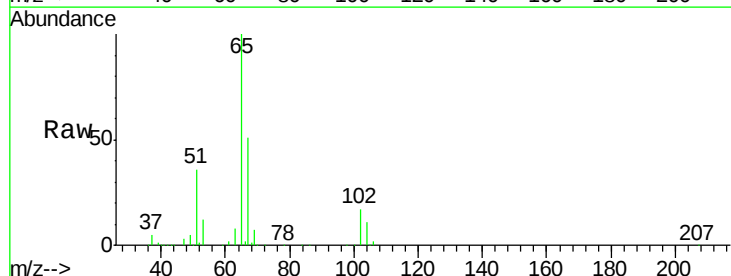
Instrument :
MSVOA_N
ClientSampleId :
T4-2-(0)-BRUCKNER

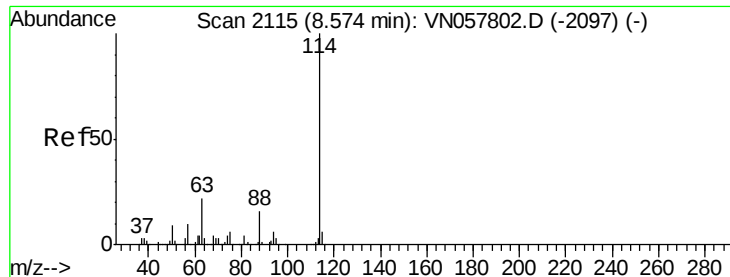
Tot Ion: 84 Resp: 12532
Ion Ratio Lower Upper
84 100
49 108.1 104.8 157.2
51 31.8 33.0 49.4#
86 62.0 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 55.586 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058111.D
Acq: 16 Sep 2019 12:29

Tgt Ion: 65 Resp: 354228
Ion Ratio Lower Upper
65 100
67 50.5 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: VN058111.D

Acq: 16 Sep 2019 12:29

Instrument :

MSVOA_N

ClientSampleId :

T4-2(0)-BRUCKNER

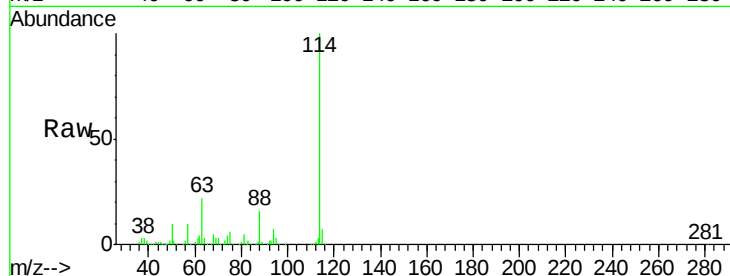
Tot Ion:114 Resp: 524387

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

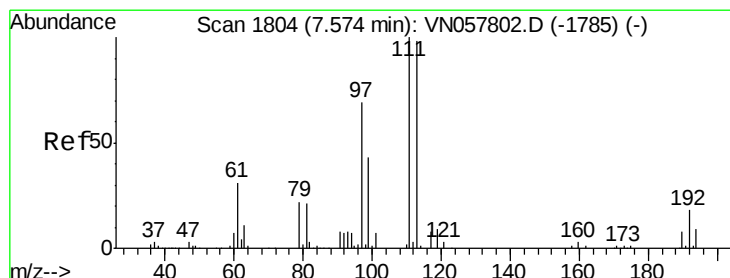
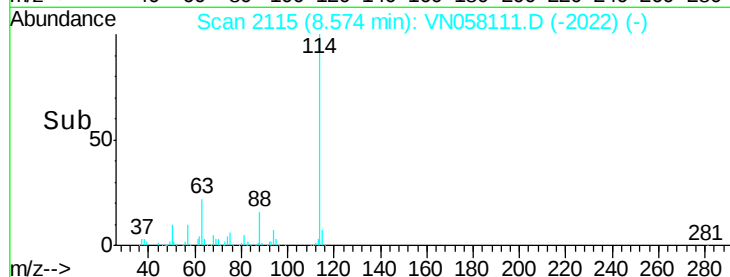
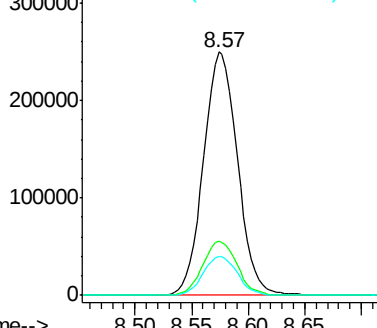
88 16.1 0.0 31.4



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: 50.602 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058111.D

Acq: 16 Sep 2019 12:29

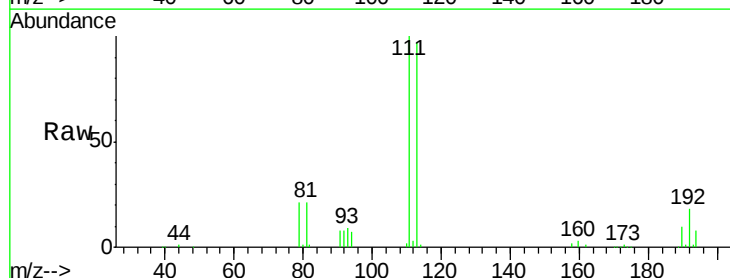
Tgt Ion:113 Resp: 244906

Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

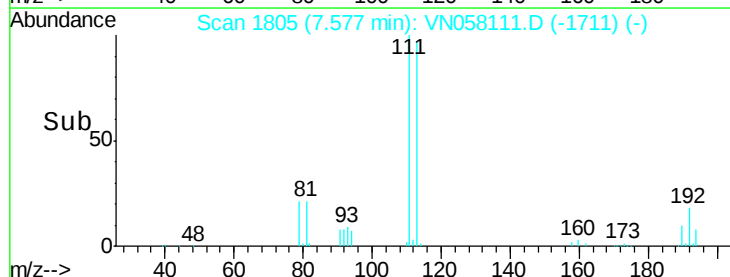
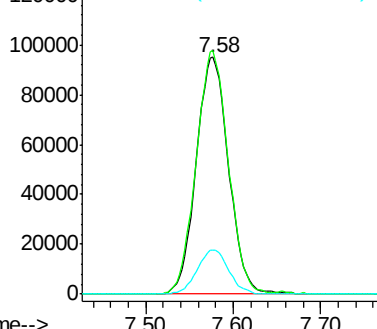
192 18.0 14.6 22.0

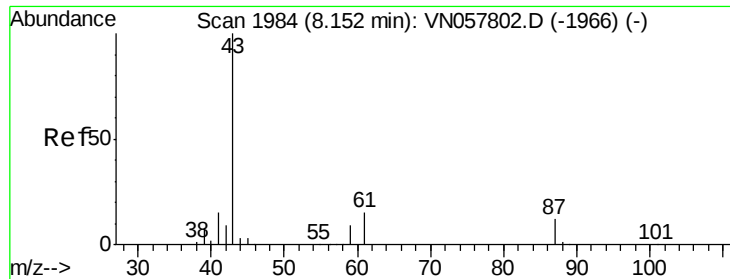


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.821 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058111.D

Acq: 16 Sep 2019 12:29

Instrument :

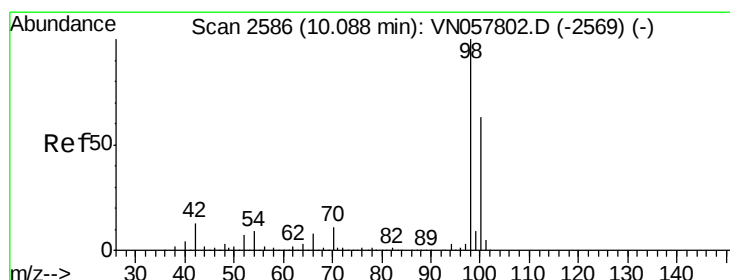
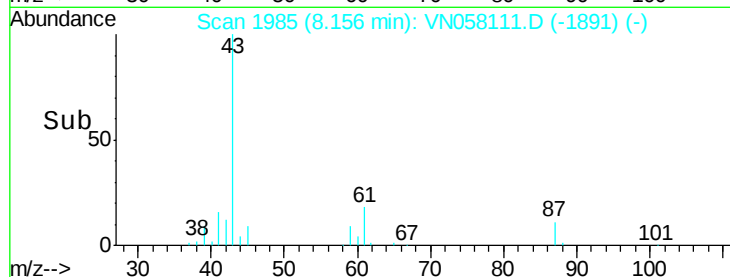
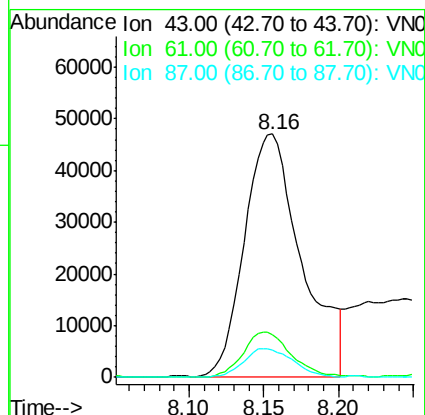
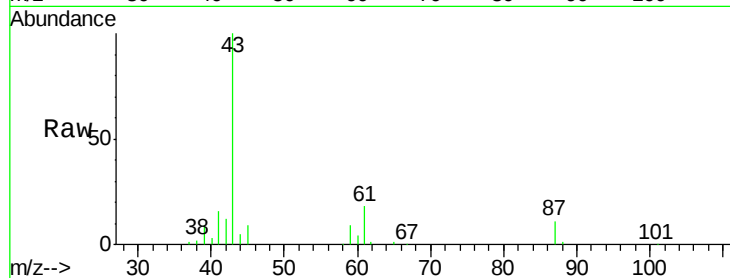
MSVOA_N

ClientSampleId :

T4-2-(0)-BRUCKNER

Tot Ion: 43 Resp: 124902

Ion	Ratio	Lower	Upper
43	100		
61	16.0	20.1	30.1#
87	10.1	9.5	14.3



#50

Toluene-d8

Concen: 50.840 ug/l

RT: 10.09 min Scan# 2585

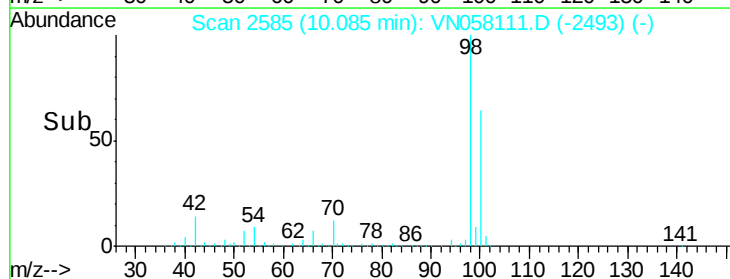
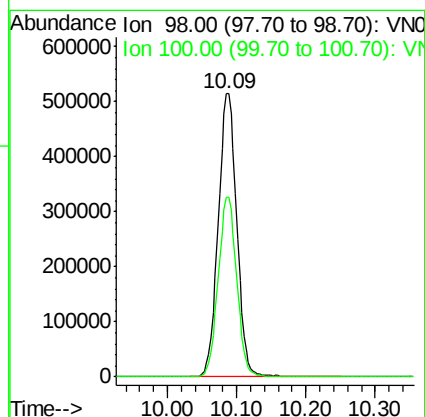
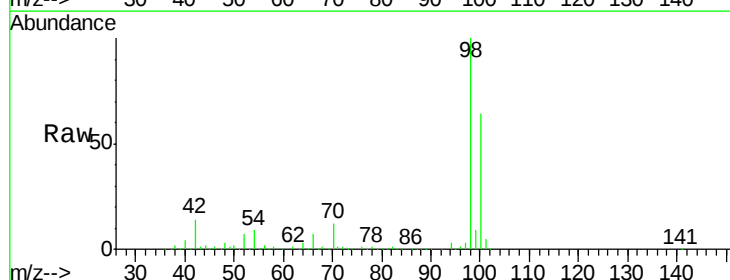
Delta R.T. -0.00 min

Lab File: VN058111.D

Acq: 16 Sep 2019 12:29

Tgt Ion: 98 Resp: 955328

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.3	75.5





#62

4-Bromofluorobenzene

Concen: 44.935 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058111.D

Acq: 16 Sep 2019 12:29

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(0)-BRUCKNER

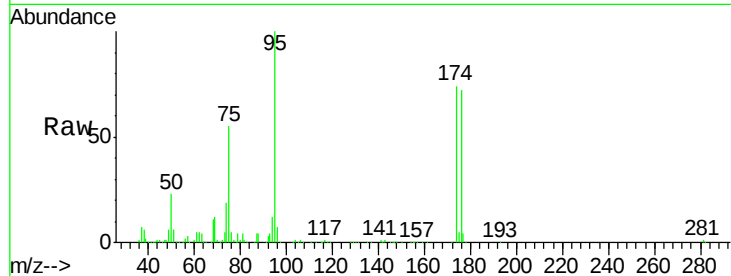
Tot Ion: 95 Resp: 321782

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

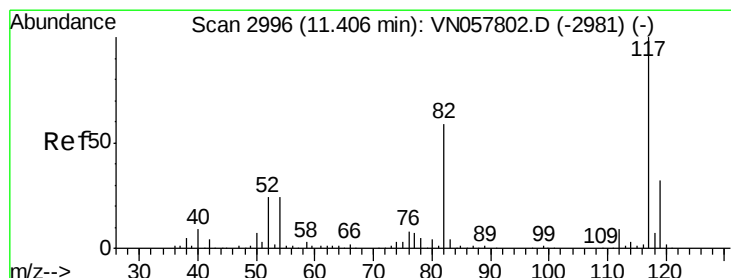
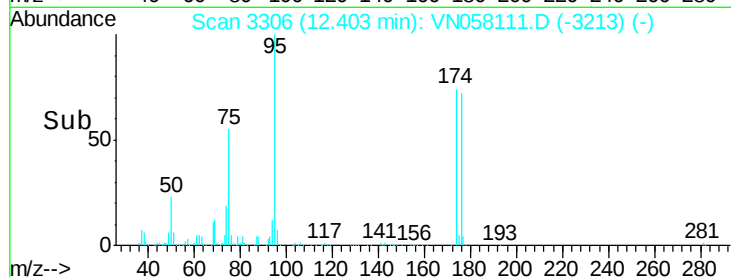
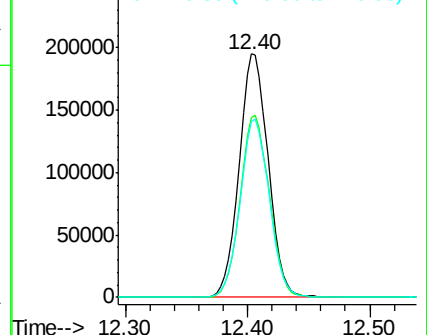
176 73.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN058111.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN058111.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN058111.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058111.D

Acq: 16 Sep 2019 12:29

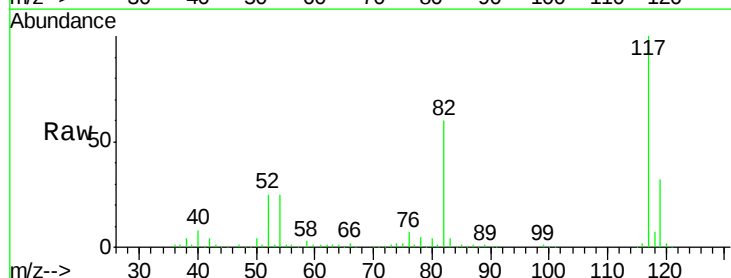
Tgt Ion: 117 Resp: 480760

Ion Ratio Lower Upper

117 100

82 60.2 47.2 70.8

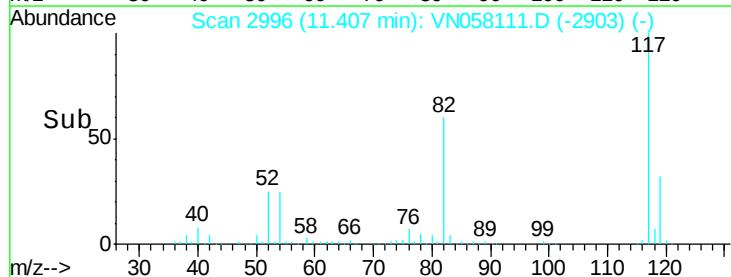
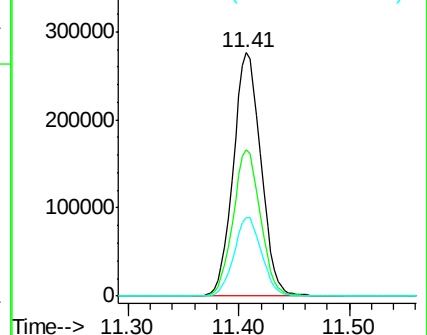
119 32.4 25.3 37.9

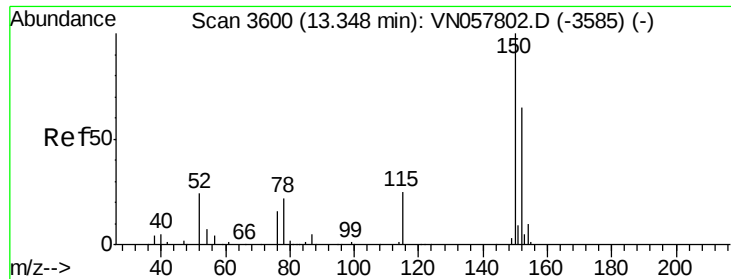


Abundance Ion 116.90 (116.60 to 117.60): VN058111.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058111.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058111.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058111.D

Acq: 16 Sep 2019 12:29

Instrument :

MSVOA_N

ClientSampleId :

T4-2(0)-BRUCKNER

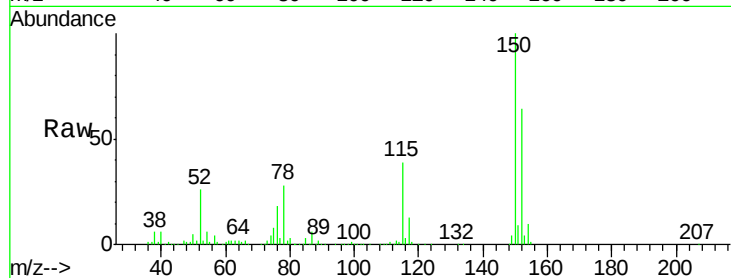
Tot Ion:152 Resp: 257666

Ion Ratio Lower Upper

152 100

115 60.4 30.3 91.0

150 157.3 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

