

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057452.D
 Acq On : 22 Aug 2019 23:49
 Operator : JC/SP
 Sample : K4403-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-J(0)

Quant Time: Aug 23 05:42:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

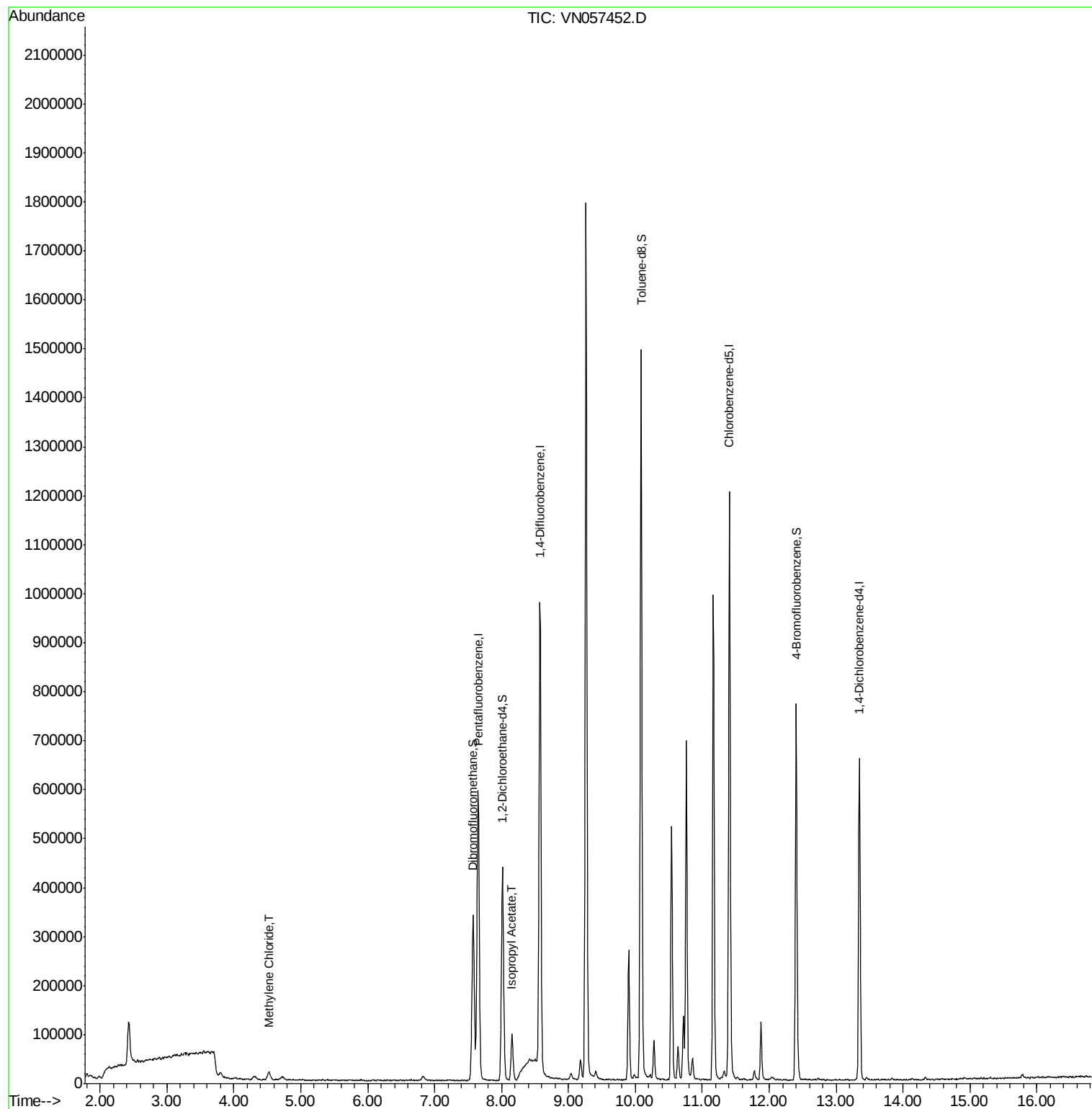
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	436968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	768642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	637314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	160191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	365301	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.57	113	244429	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.09	98	977128	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	270754	40.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.40%	
Target Compounds						
20) Methylene Chloride	4.53	84	11267	2.081	ug/l	96
43) Isopropyl Acetate	8.16	43	116938	8.217	ug/l	98

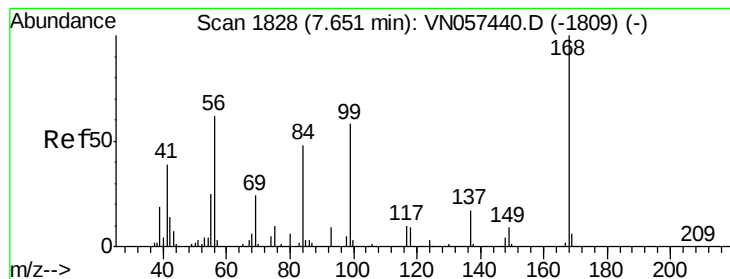
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082219\
Data File : VN057452.D
Acq On : 22 Aug 2019 23:49
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Sample : K4403-36
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Quant Time: Aug 23 05:42:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 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: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampled :

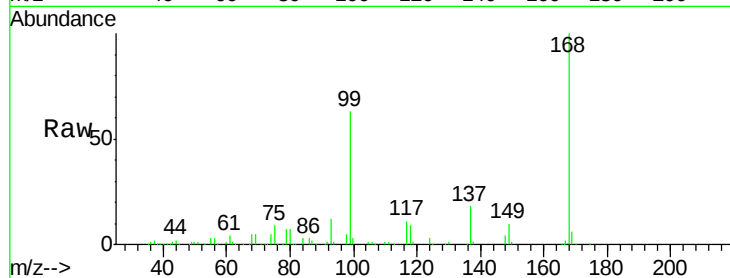
T1-J-(0)

Tot Ion:168 Resp: 436968

Ion Ratio Lower Upper

168 100

99 62.5 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

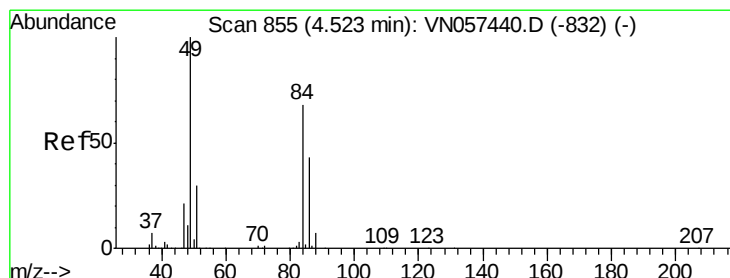
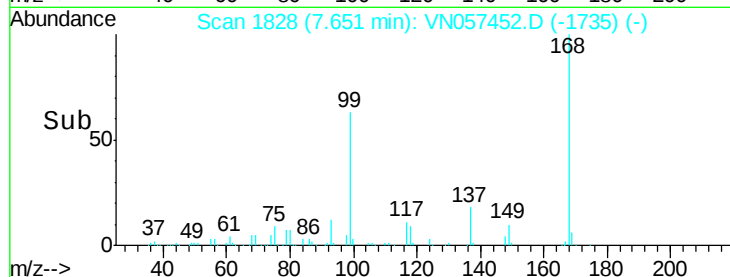
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.081 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Tgt Ion: 84 Resp: 11267

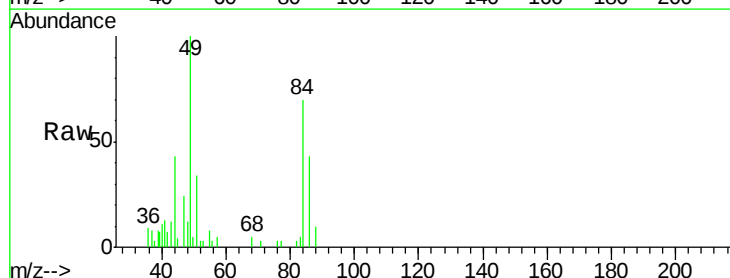
Ion Ratio Lower Upper

84 100

49 138.2 117.0 175.4

51 44.3 35.5 53.3

86 61.3 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.53

8000

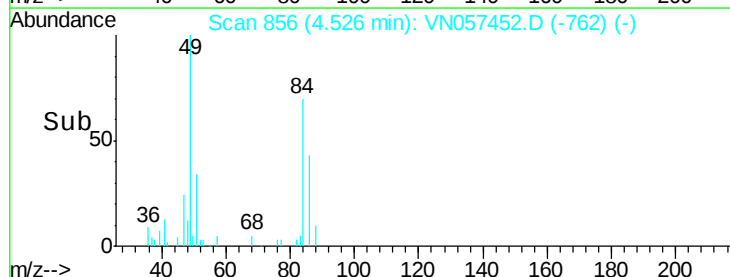
6000

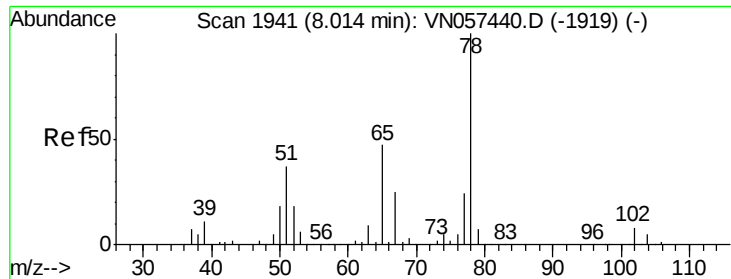
4000

2000

0

Time-->

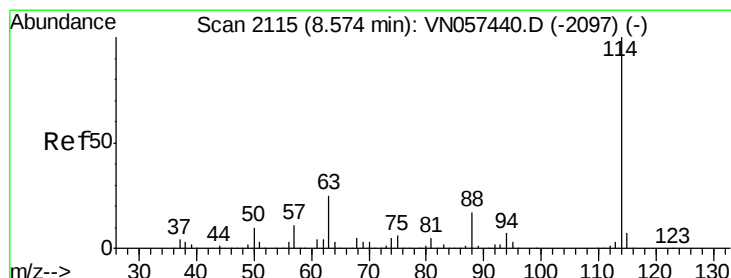
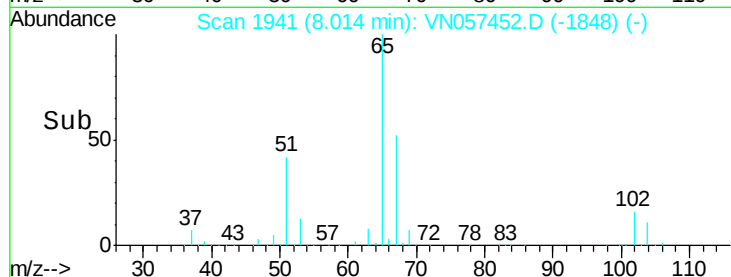
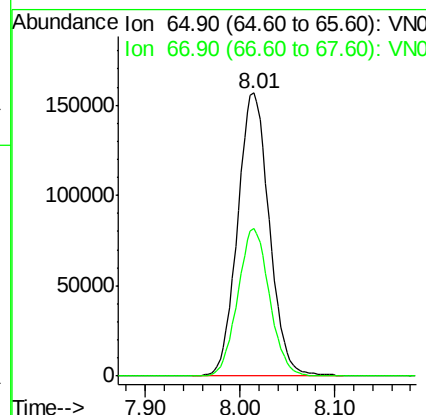
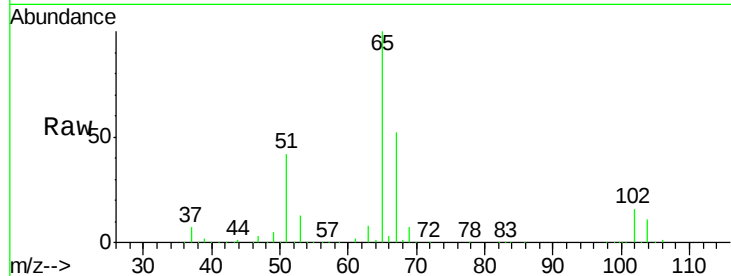




#33
 1,2-Dichloroethane-d4
 Concen: 47.523 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

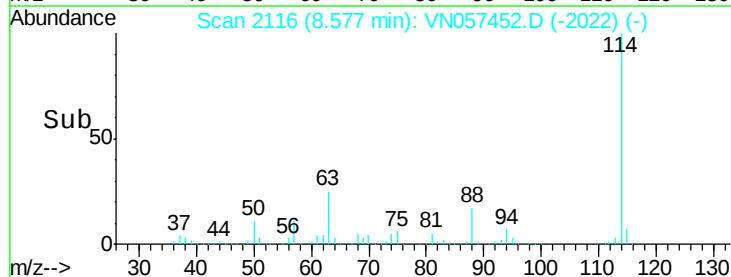
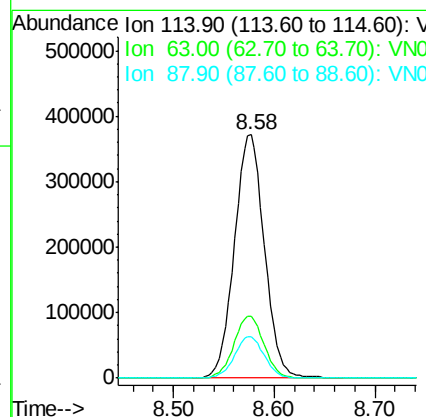
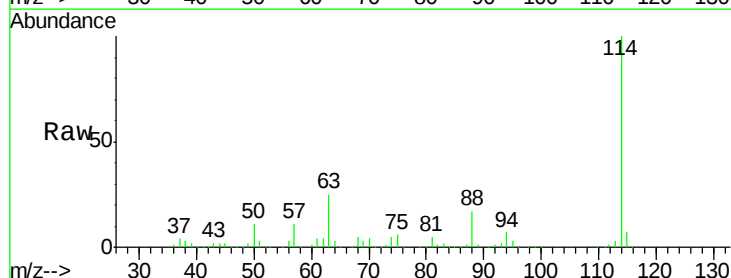
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-J-(0)

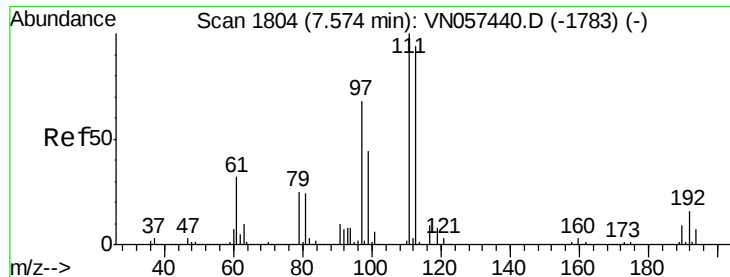
Tot Ion: 65 Resp: 365301
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion: 114 Resp: 768642
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.2
 88 17.1 0.0 34.6

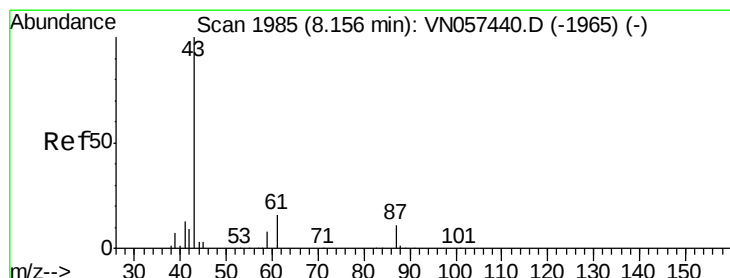
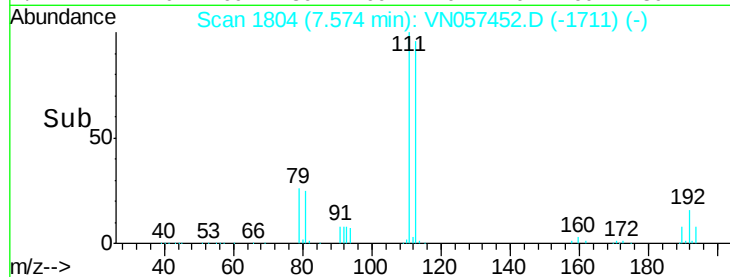
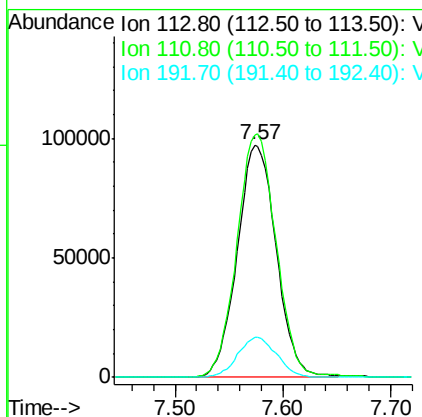
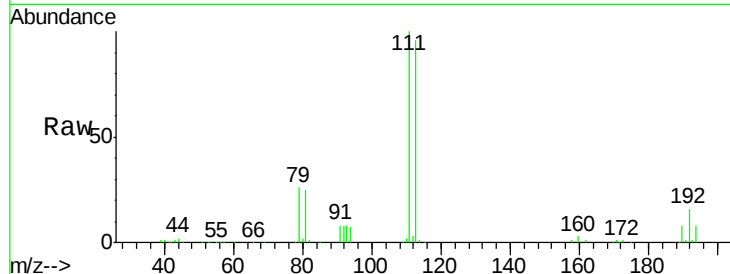




#35
 Dibromofluoromethane
 Concen: 47.079 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

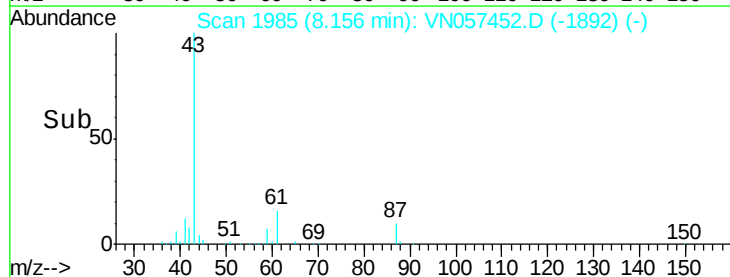
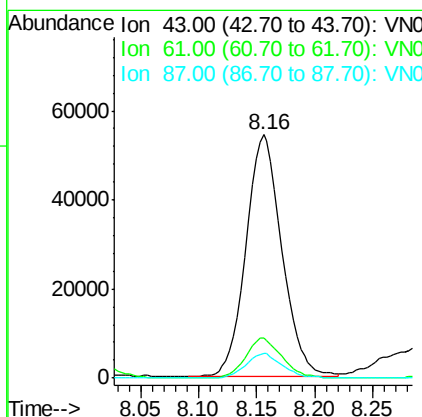
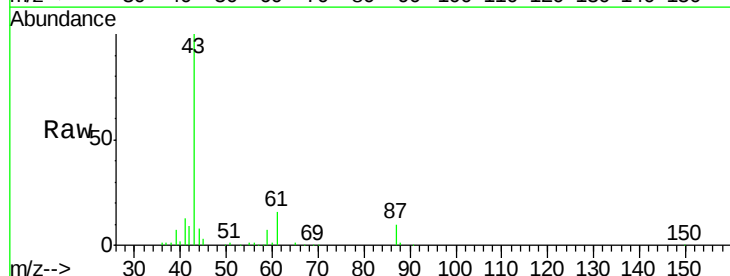
Instrument :
 MSVOA_N
 ClientSampled :
 T1-J-(0)

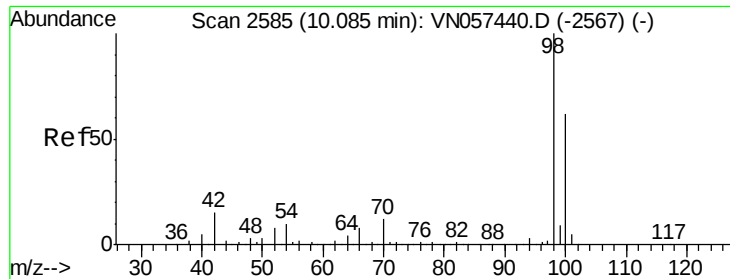
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.9	83.8	125.6
192	17.3	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 8.217 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.5	21.7
87	10.2	8.6	12.8





#50

Toluene-d8

Concen: 49.774 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampled :

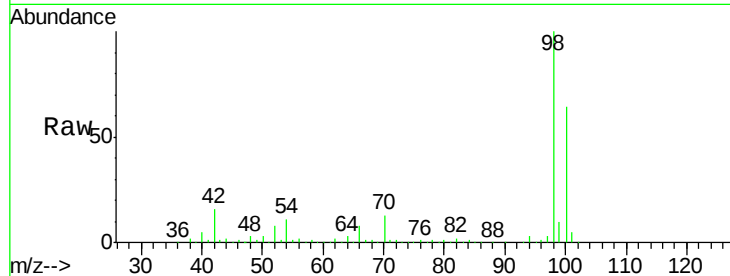
T1-J-(0)

Tot Ion: 98 Resp: 977128

Ion Ratio Lower Upper

98 100

100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

500000

400000

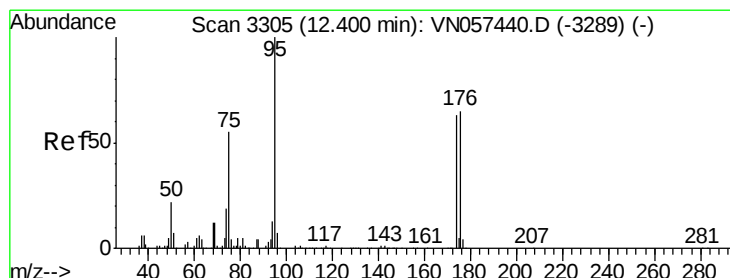
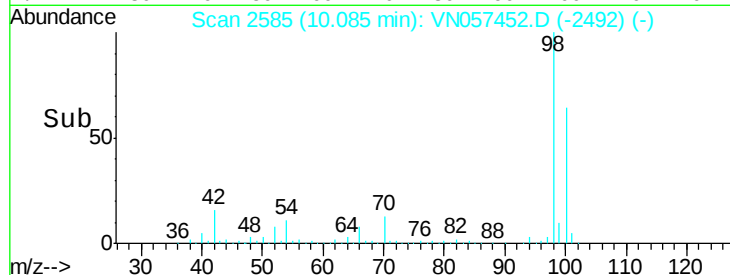
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 40.698 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

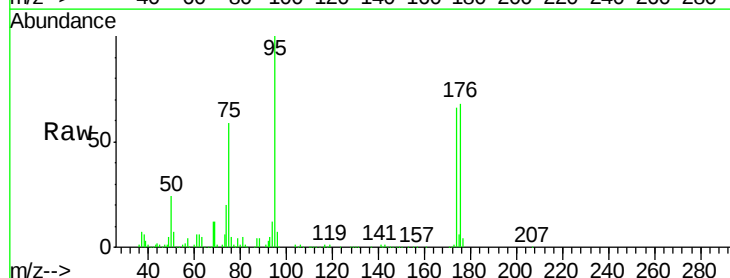
Tgt Ion: 95 Resp: 270754

Ion Ratio Lower Upper

95 100

174 67.6 0.0 133.0

176 66.8 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

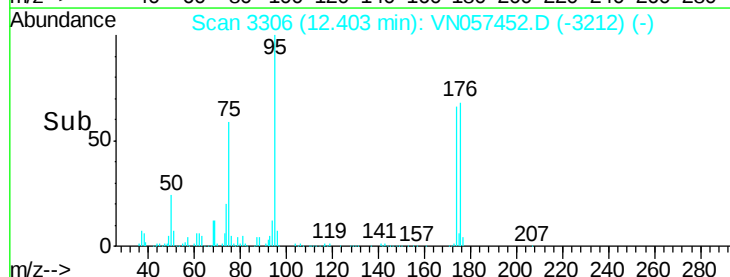
150000

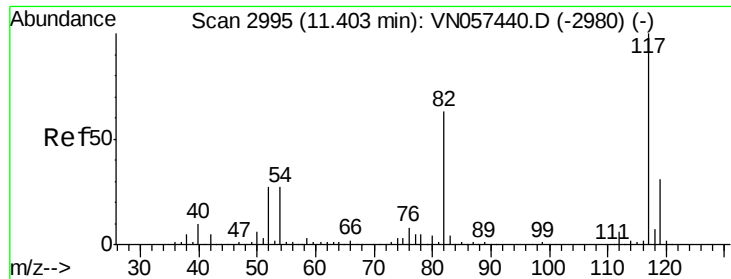
100000

50000

0

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: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampleId :

T1-J-(0)

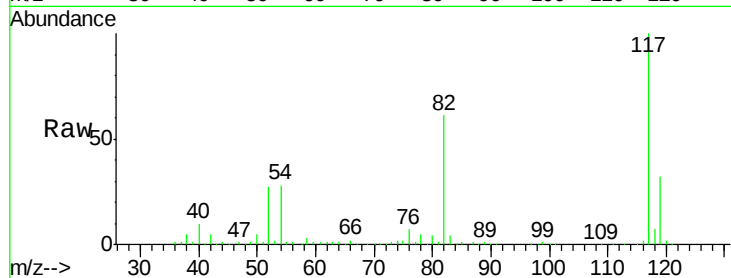
Tot Ion:117 Resp: 637314

Ion Ratio Lower Upper

117 100

82 61.1 50.6 75.8

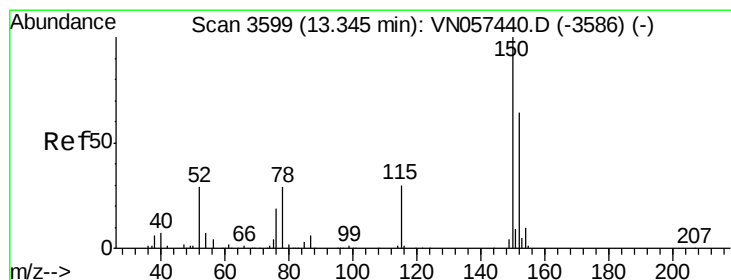
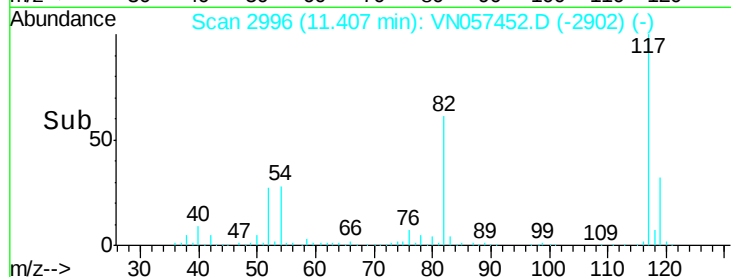
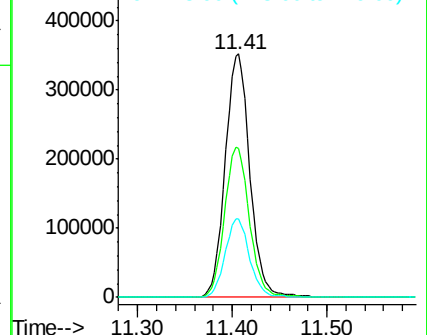
119 32.2 24.6 36.8



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# 3600

Delta R.T. 0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

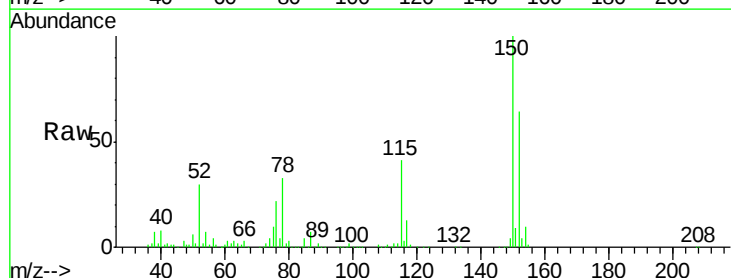
Tgt Ion:152 Resp: 160191

Ion Ratio Lower Upper

152 100

115 64.3 32.0 96.0

150 157.1 0.0 346.6



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

