

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057607.D
 Acq On : 30 Aug 2019 23:26
 Operator : JC/SP
 Sample : K4517-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-E-(0)

Quant Time: Aug 31 01:38:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

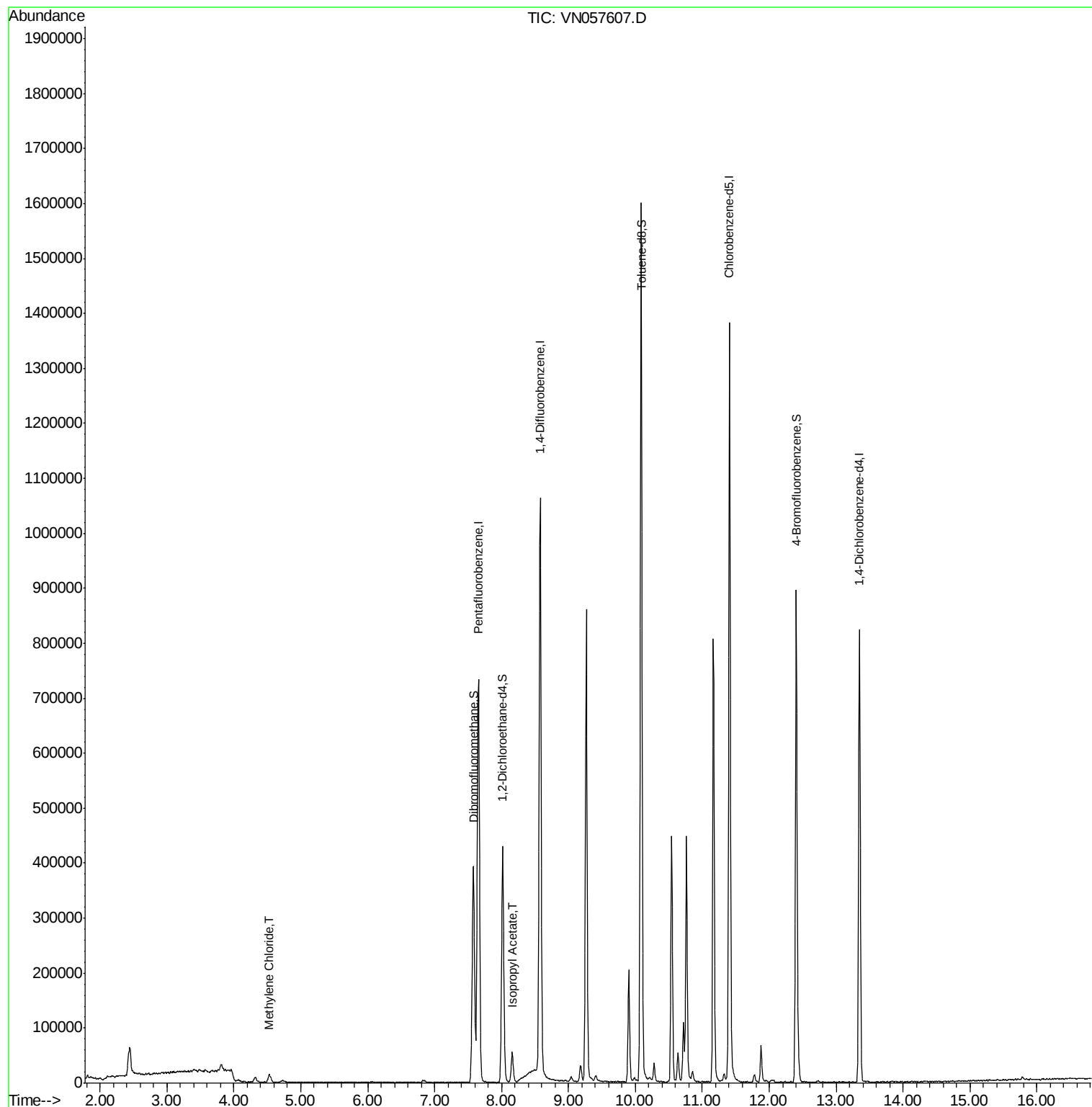
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	600090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	947118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	824167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	231548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	371813	37.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.72%	
35) Dibromofluoromethane	7.58	113	288272	34.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.10%	
50) Toluene-d8	10.09	98	1156616	38.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.26%	
62) 4-Bromofluorobenzene	12.40	95	318518	31.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.38%	
Target Compounds						
20) Methylene Chloride	4.52	84	10021	1.362	ug/l #	74
43) Isopropyl Acetate	8.16	43	61970	4.891	ug/l #	93

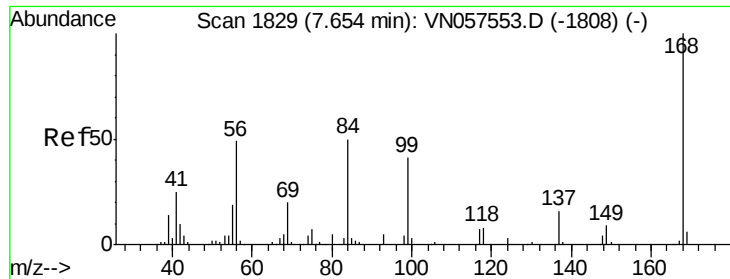
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN083119\
Data File : VN057607.D
Acq On : 30 Aug 2019 23:26
Operator : JC/SP
Sample : K4517-34
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T4-S-E-(0)

Quant Time: Aug 31 01:38:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057607.D

Acq: 30 Aug 2019 23:26

Instrument :

MSVOA_N

ClientSampleId :

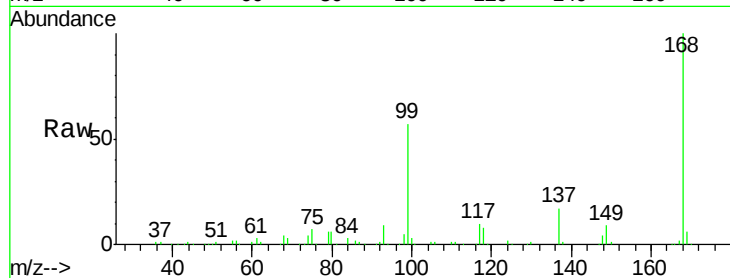
T4-S-E(0)

Tot Ion:168 Resp: 600090

Ion Ratio Lower Upper

168 100

99 57.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

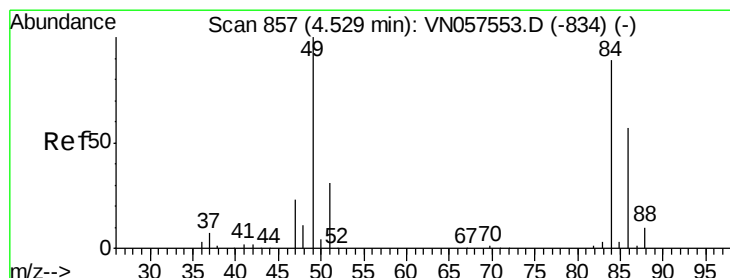
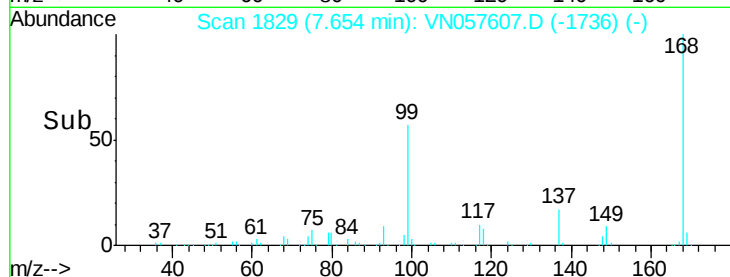
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.362 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN057607.D

Acq: 30 Aug 2019 23:26

Tgt Ion: 84 Resp: 10021

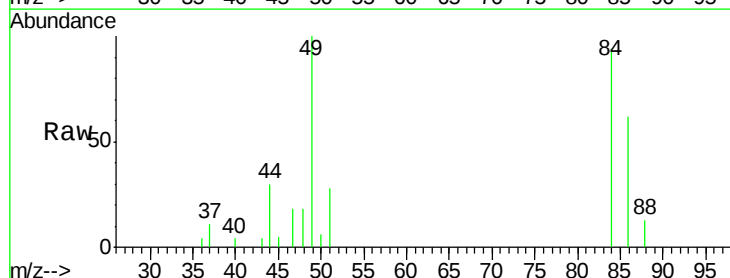
Ion Ratio Lower Upper

84 100

49 100.6 117.0 175.4#

51 29.9 35.5 53.3#

86 65.9 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

6000

5000

4000

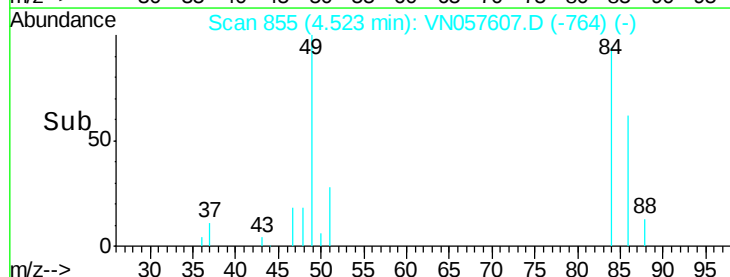
3000

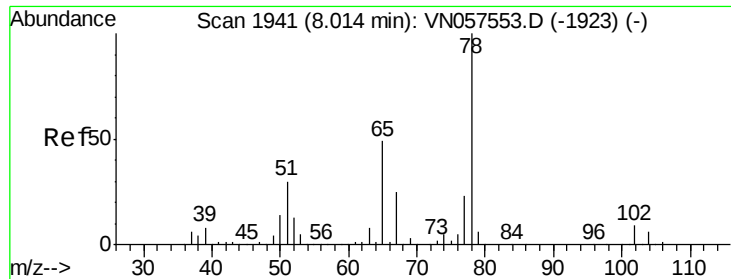
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 37.855 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057607.D

Acq: 30 Aug 2019 23:26

Instrument :

MSVOA_N

ClientSampleId :

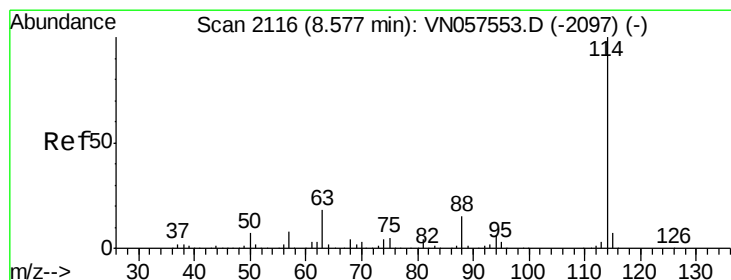
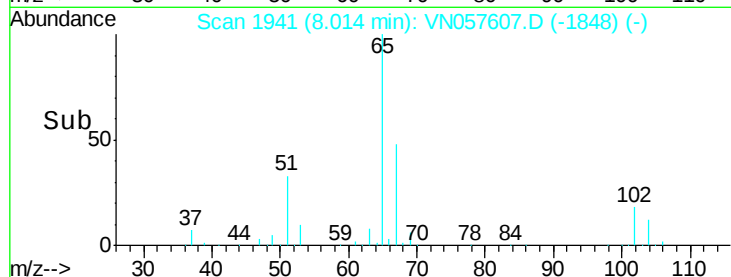
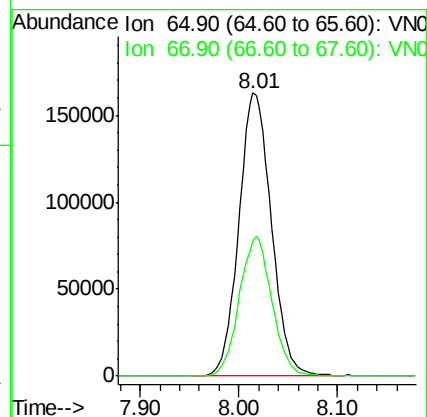
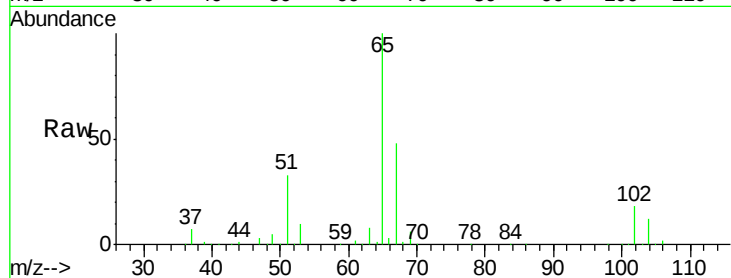
T4-S-E(0)

Tot Ion: 65 Resp: 371813

Ion Ratio Lower Upper

65 100

67 49.6 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: VN057607.D

Acq: 30 Aug 2019 23:26

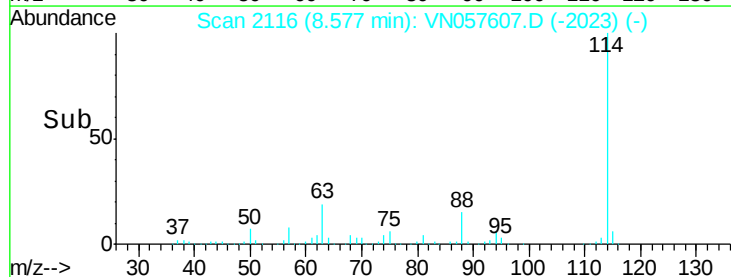
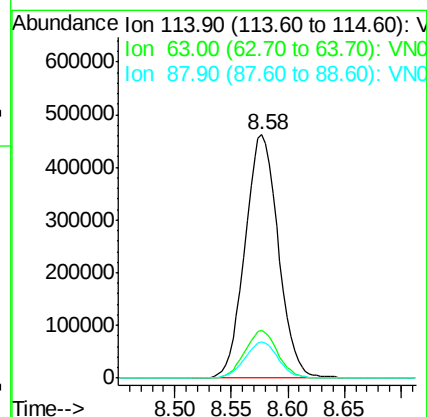
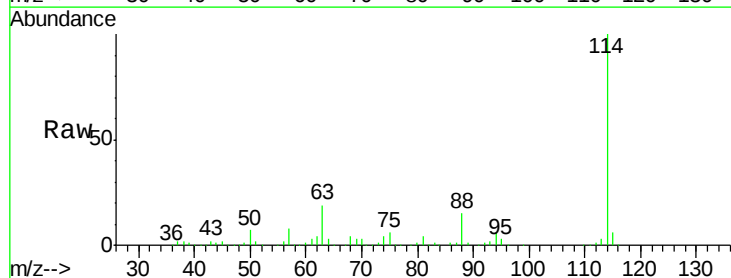
Tgt Ion: 114 Resp: 947118

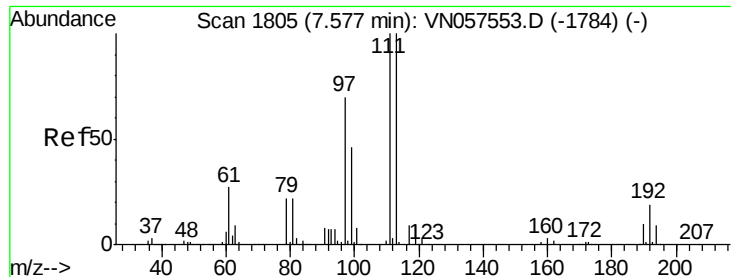
Ion Ratio Lower Upper

114 100

63 19.5 0.0 50.2

88 14.7 0.0 34.6

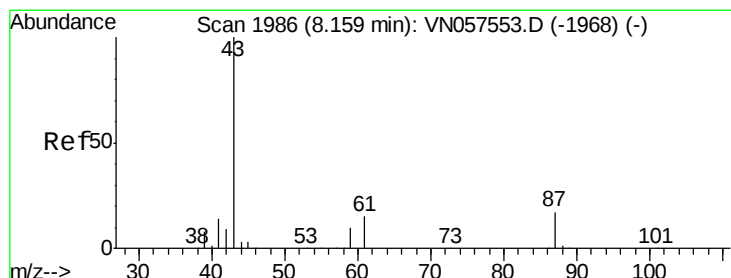
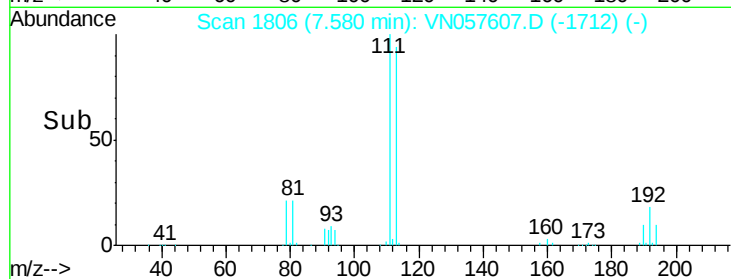
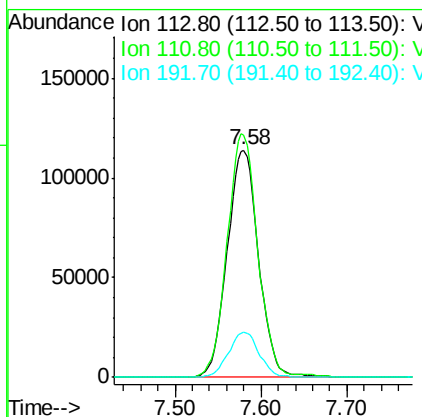
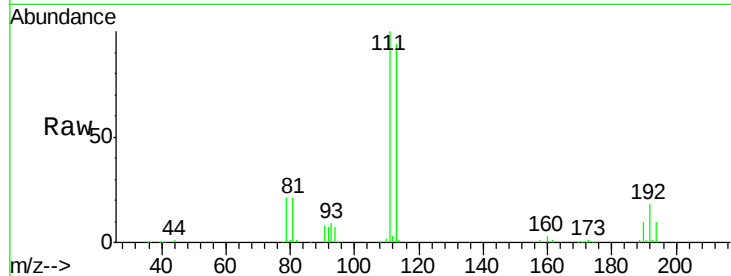




#35
 Dibromofluoromethane
 Concen: 34.053 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN057607.D
 Acq: 30 Aug 2019 23:26

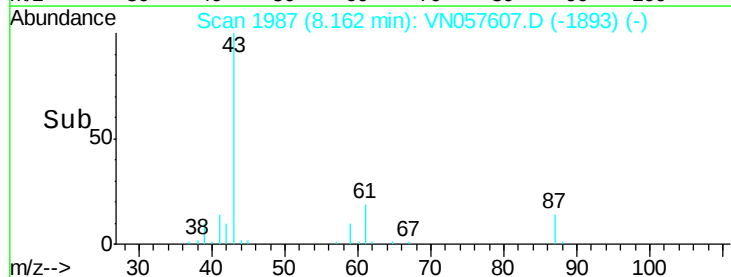
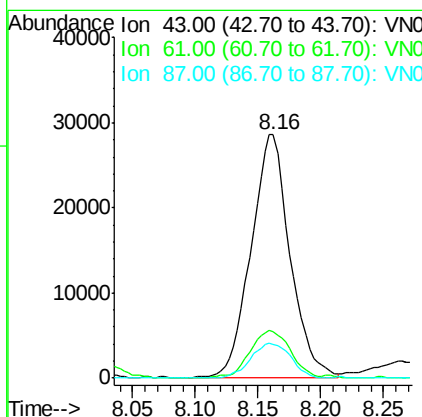
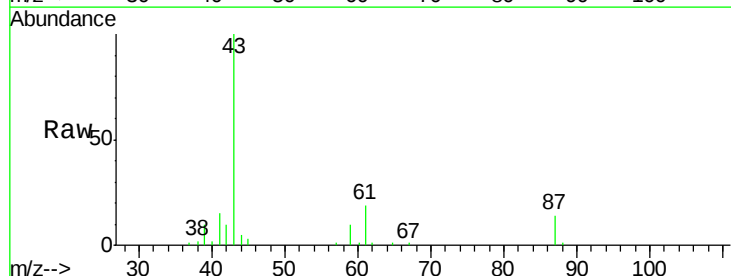
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-E-(0)

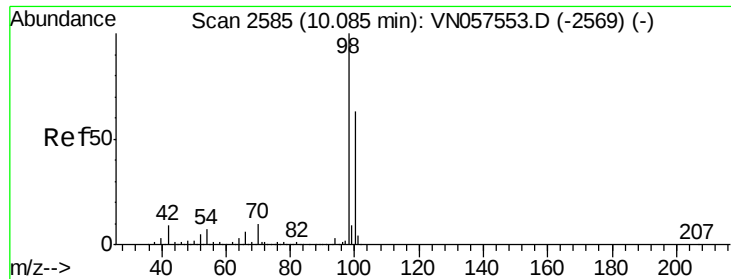
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.8	125.6
192	19.6	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 4.891 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN057607.D
 Acq: 30 Aug 2019 23:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	14.5	21.7
87	14.8	8.6	12.8#





#50

Toluene-d8

Concen: 38.627 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057607.D

Acq: 30 Aug 2019 23:26

Instrument :

MSVOA_N

ClientSampleId :

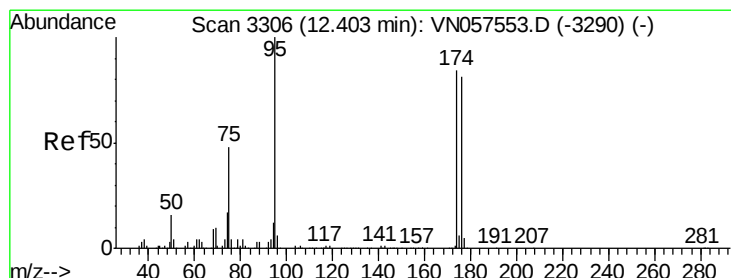
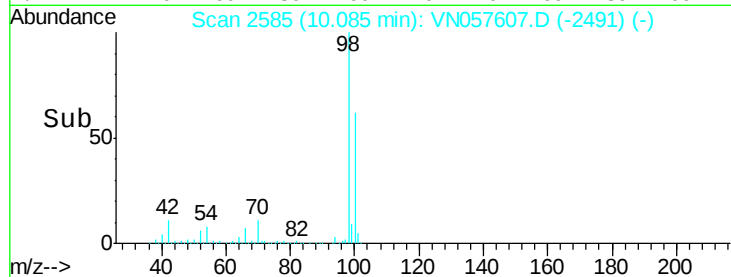
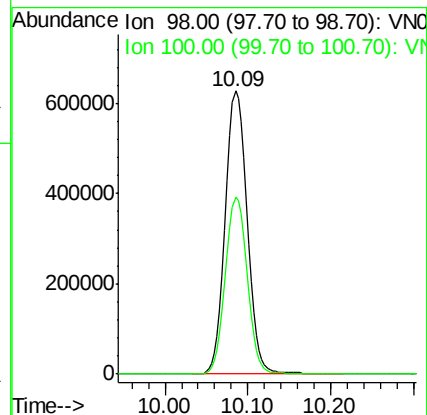
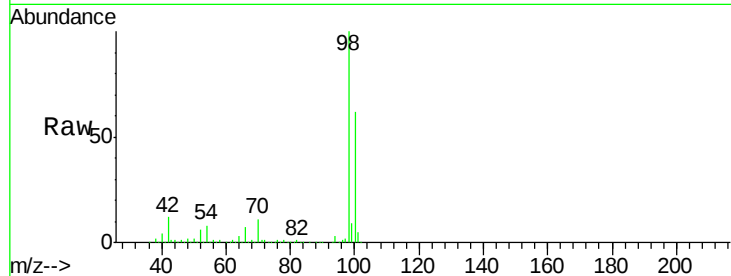
T4-S-E(0)

Tot Ion: 98 Resp: 1156616

Ion Ratio Lower Upper

98 100

100 62.5 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 31.689 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057607.D

Acq: 30 Aug 2019 23:26

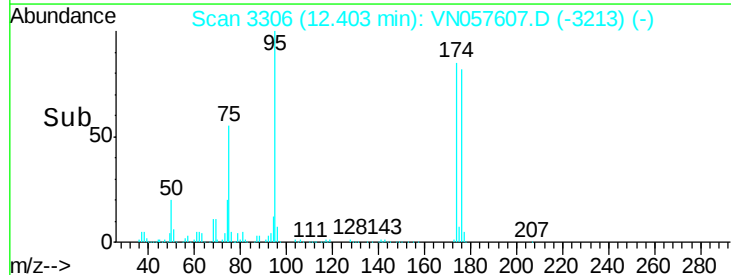
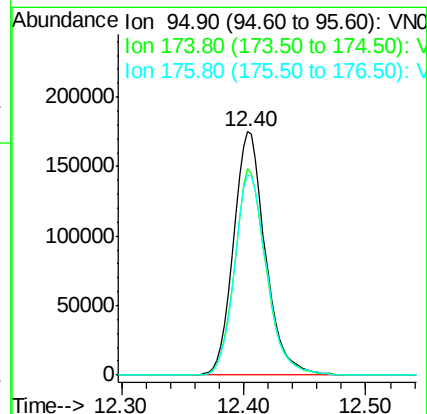
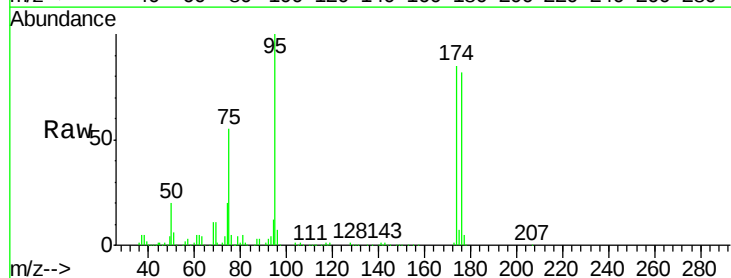
Tgt Ion: 95 Resp: 318518

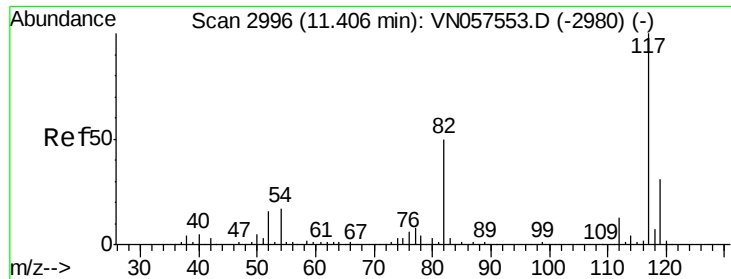
Ion Ratio Lower Upper

95 100

174 83.7 0.0 133.0

176 83.1 0.0 130.8

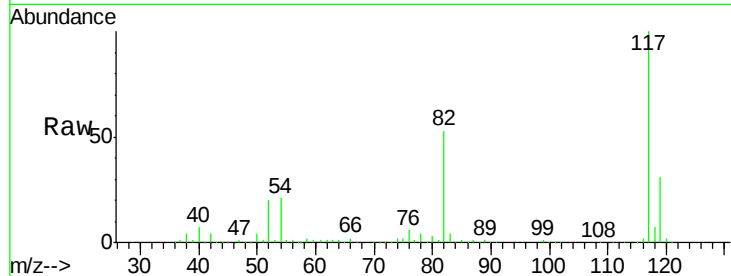




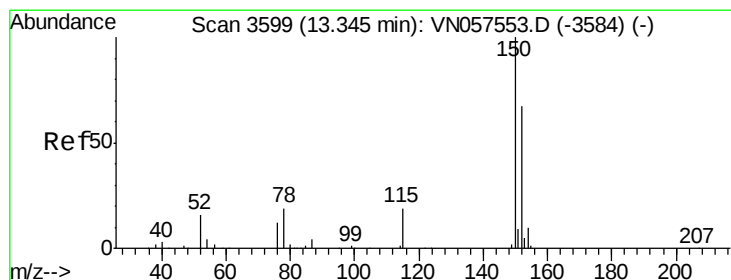
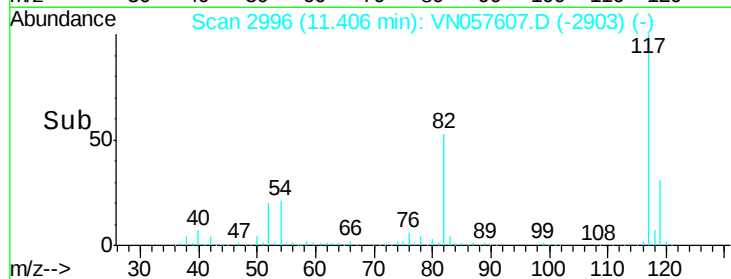
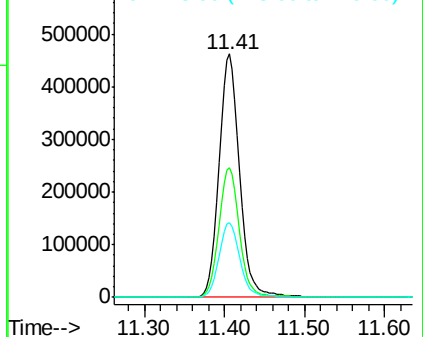
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057607.D
Acq: 30 Aug 2019 23:26

Instrument :
MSVOA_N
ClientSampled :
T4-S-E(0)

Tot Ion:117 Resp: 824167
Ion Ratio Lower Upper
117 100
82 53.4 50.6 75.8
119 30.7 24.6 36.8

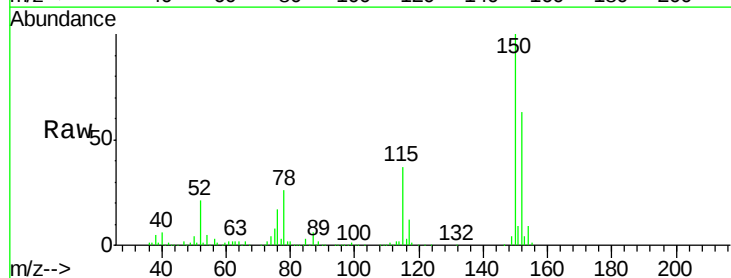


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057607.D
Acq: 30 Aug 2019 23:26

Tgt Ion:152 Resp: 231548
Ion Ratio Lower Upper
152 100
115 59.3 32.0 96.0
150 157.5 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

