

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057482.D
 Acq On : 23 Aug 2019 19:36
 Operator : JC/SP
 Sample : K4472-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S3(2.5)

Quant Time: Aug 26 05:44:13 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

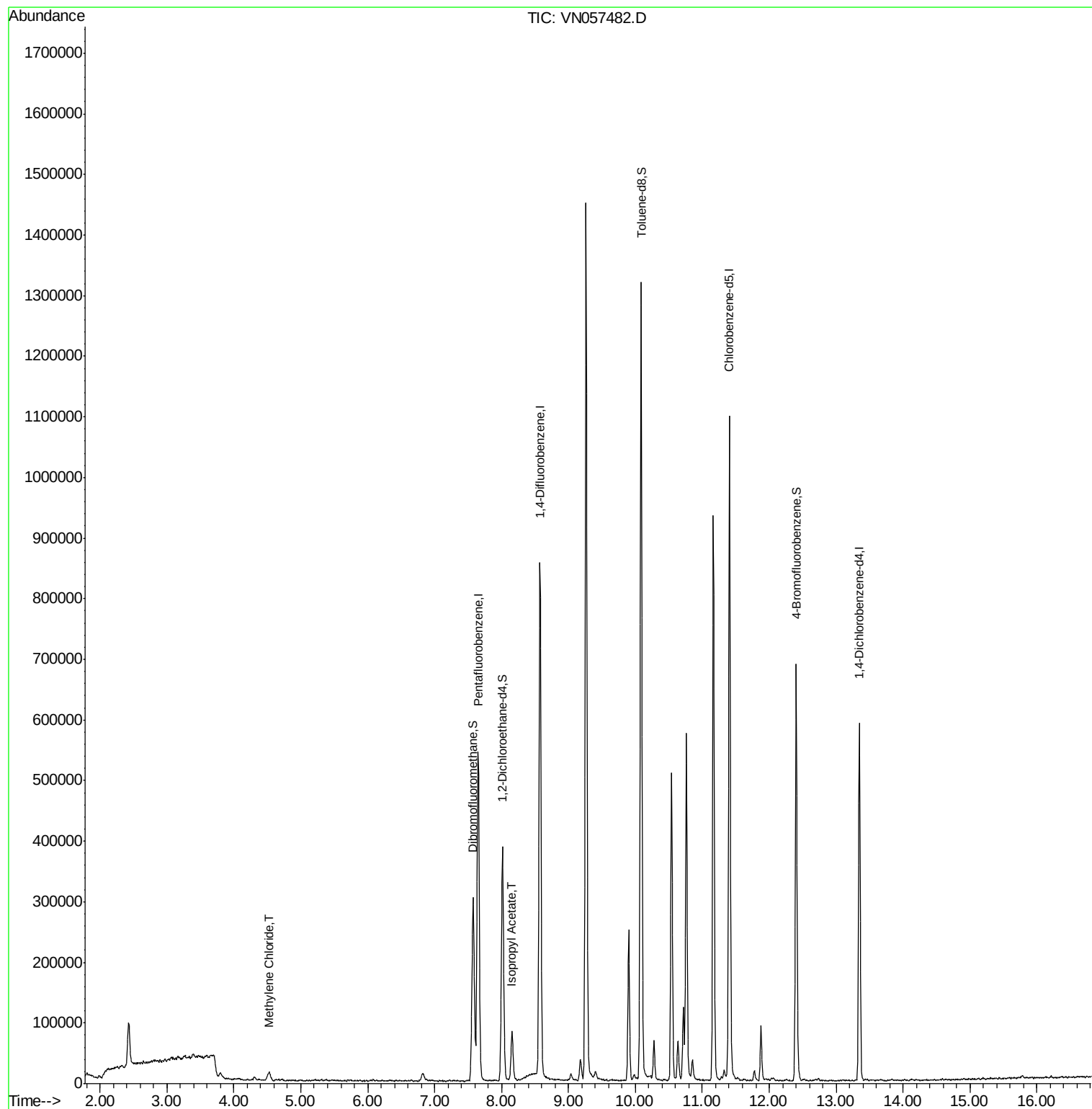
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	684529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	140342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	323905	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
35) Dibromofluoromethane	7.57	113	220075	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	10.08	98	868561	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	238635	40.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.56%	
Target Compounds						
20) Methylene Chloride	4.52	84	9291	1.895	ug/l	91
43) Isopropyl Acetate	8.15	43	101803	8.033	ug/l	99

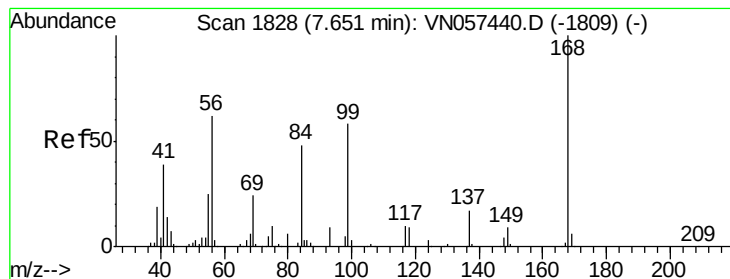
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

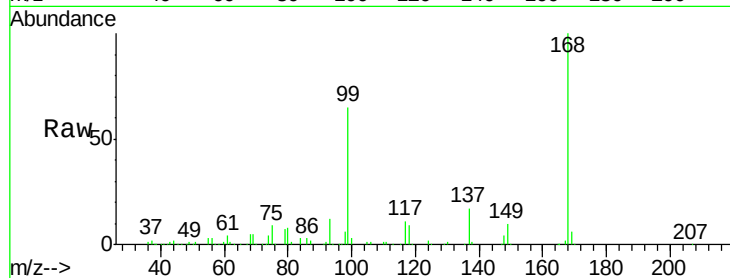
T1-S3(2.5)

Tot Ion:168 Resp: 394420

Ion Ratio Lower Upper

168 100

99 64.4 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

150000

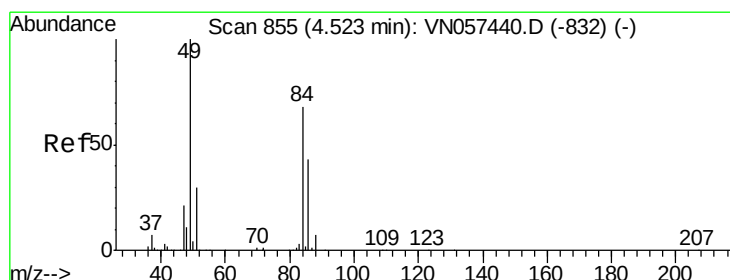
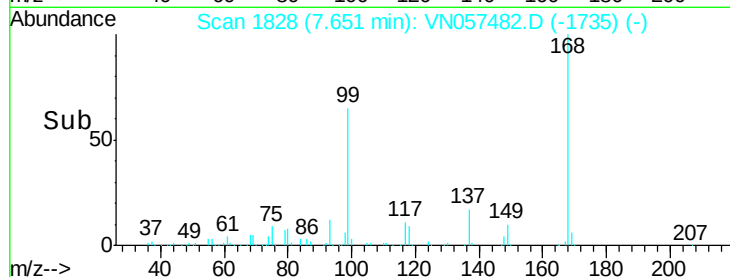
100000

50000

0

Time-->

7.60 7.70



#20

Methylene Chloride

Concen: 1.895 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Tgt Ion: 84 Resp: 9291

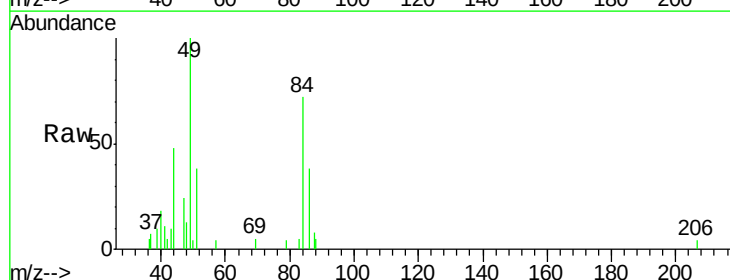
Ion Ratio Lower Upper

84 100

49 138.2 117.0 175.4

51 52.4 35.5 53.3

86 52.2 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

6000

5000

4000

3000

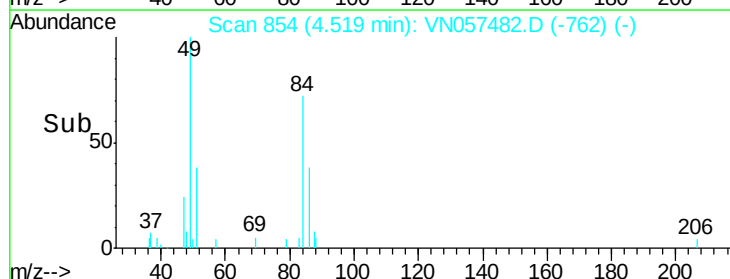
2000

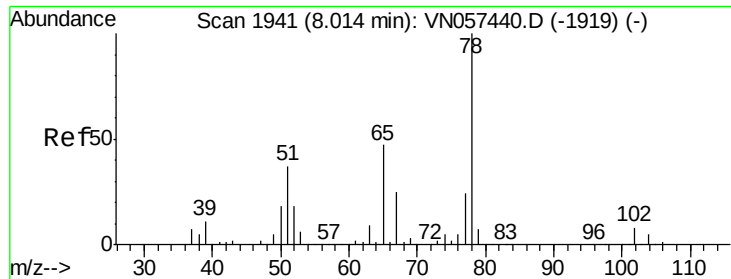
1000

0

Time-->

4.45 4.50 4.55 4.60

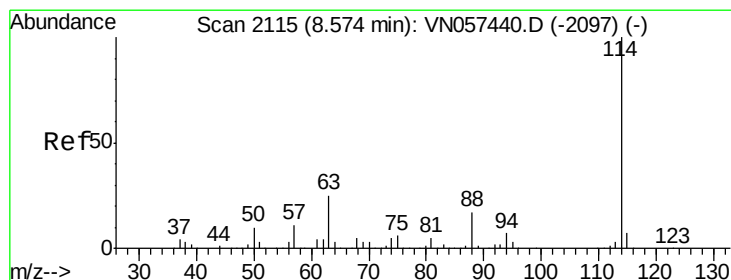
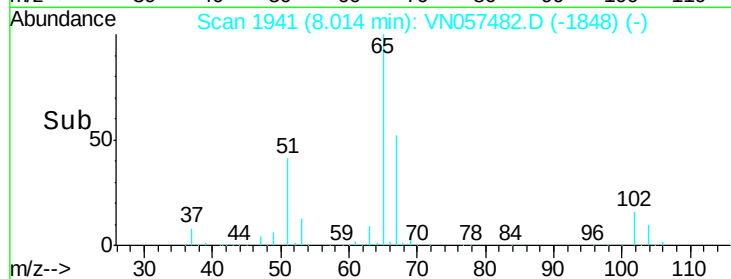
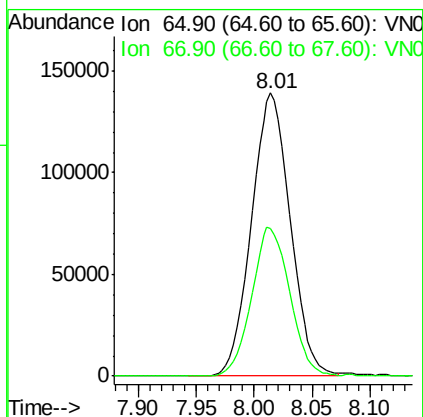
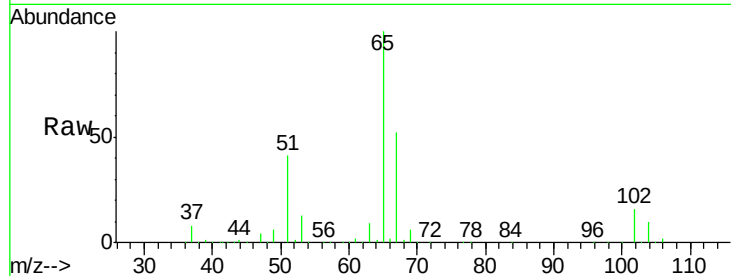




#33
 1,2-Dichloroethane-d4
 Concen: 46.683 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

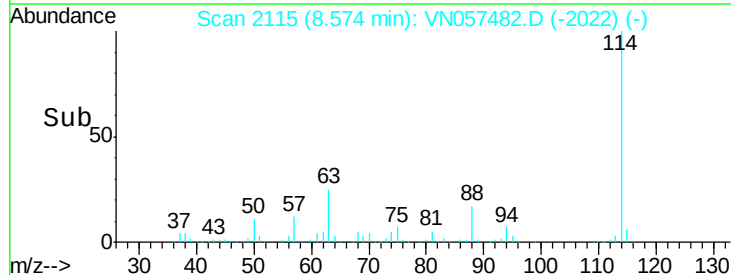
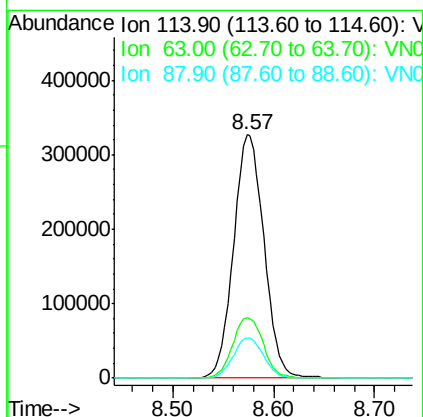
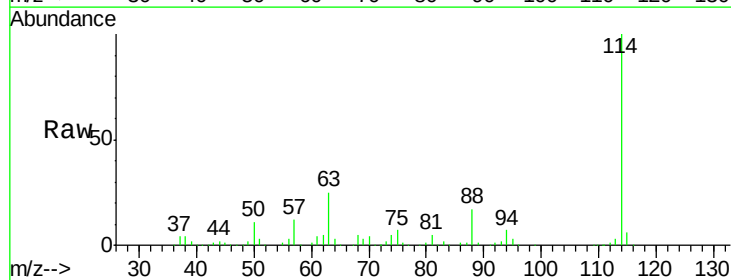
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S3(2.5)

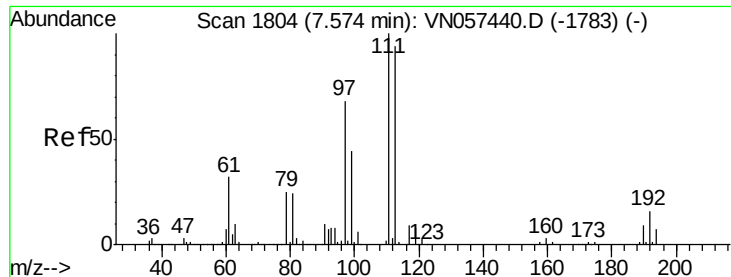
Tot Ion: 65 Resp: 323905
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057482.D
 Acq: 23 Aug 2019 19:36

Tgt Ion: 114 Resp: 684529
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.2
 88 16.6 0.0 34.6





#35

Dibromofluoromethane

Concen: 47.597 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

T1-S3(2.5)

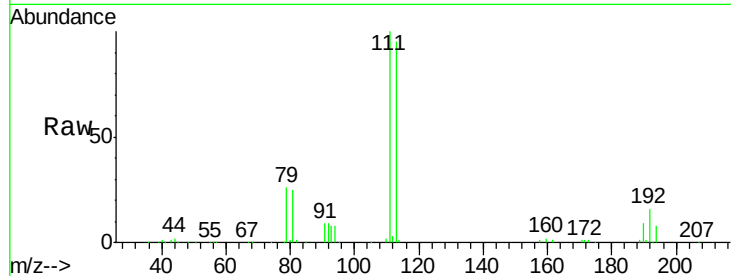
Tot Ion:113 Resp: 220075

Ion Ratio Lower Upper

113 100

111 105.1 83.8 125.6

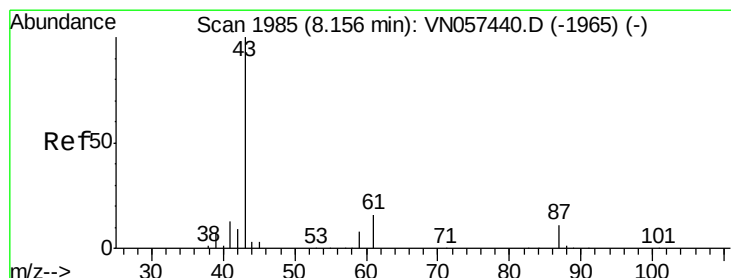
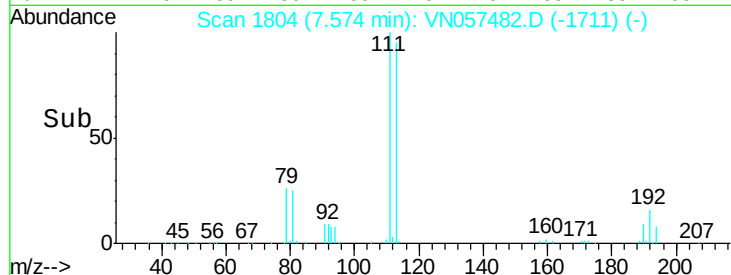
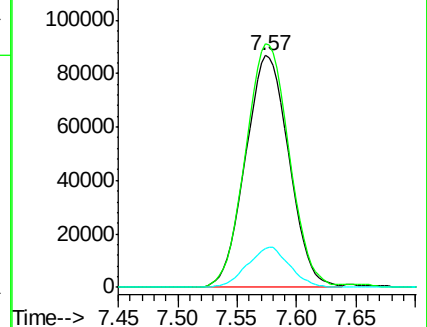
192 16.7 13.5 20.3



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: 8.033 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

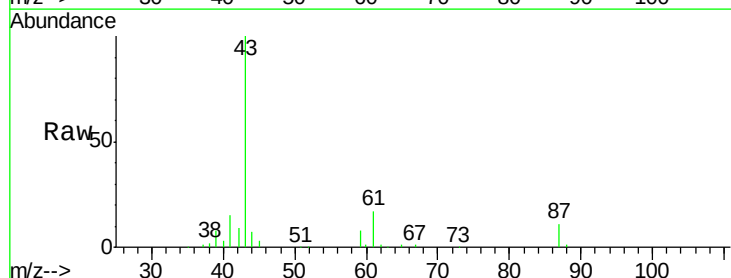
Tgt Ion: 43 Resp: 101803

Ion Ratio Lower Upper

43 100

61 17.8 14.5 21.7

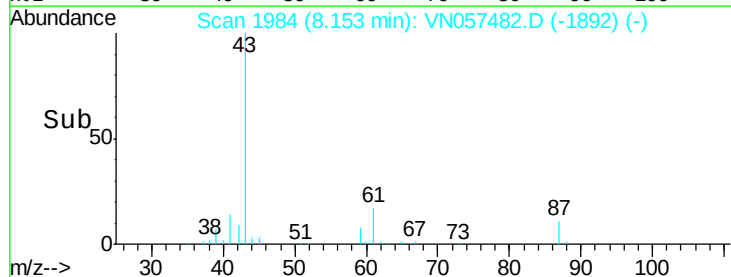
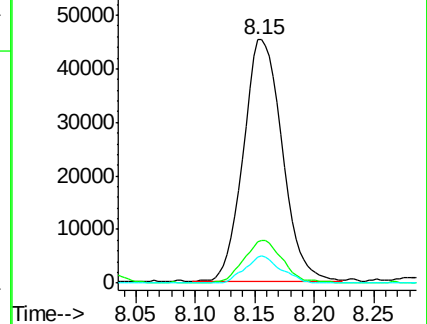
87 10.3 8.6 12.8

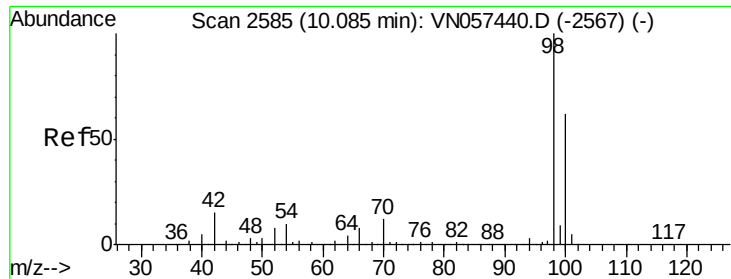


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.680 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

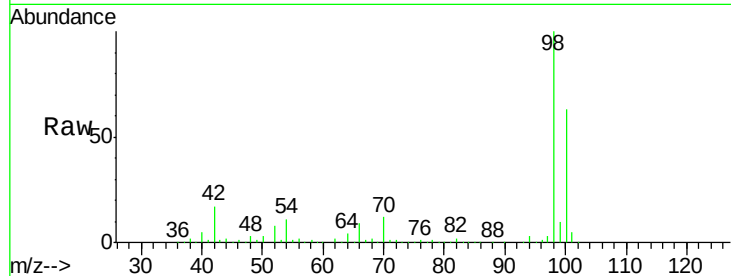
T1-S3(2.5)

Tot Ion: 98 Resp: 868561

Ion Ratio Lower Upper

98 100

100 62.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)

10.08

500000

400000

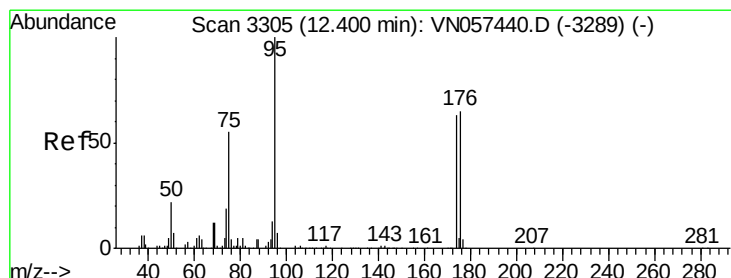
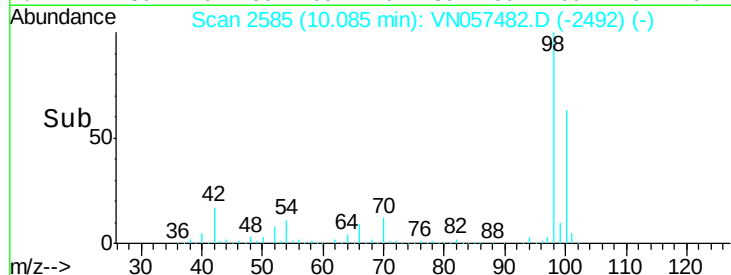
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.278 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057482.D

Acq: 23 Aug 2019 19:36

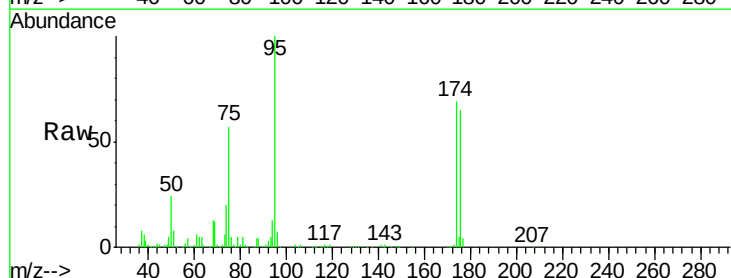
Tgt Ion: 95 Resp: 238635

Ion Ratio Lower Upper

95 100

174 69.1 0.0 133.0

176 65.7 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN057440.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN057440.D (-3289) (-)

12.40

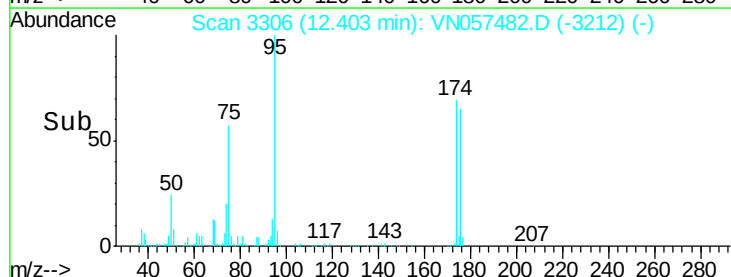
150000

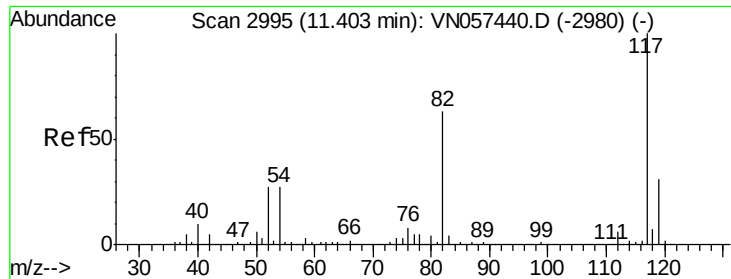
100000

50000

0

Time-->

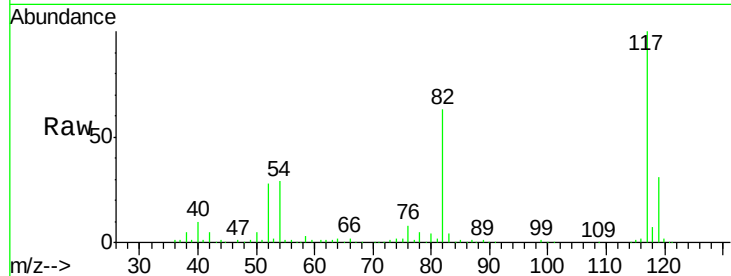




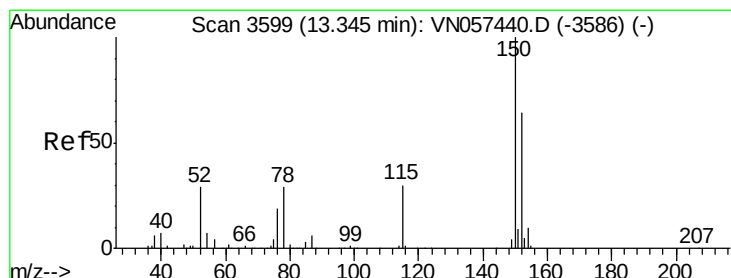
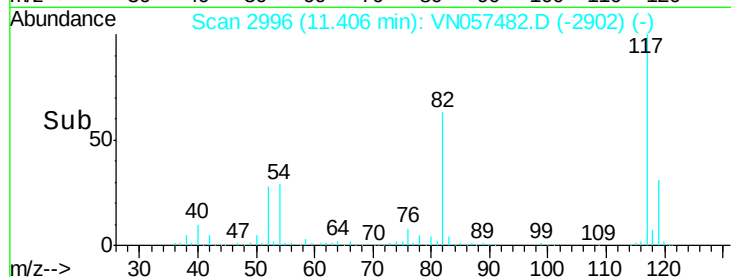
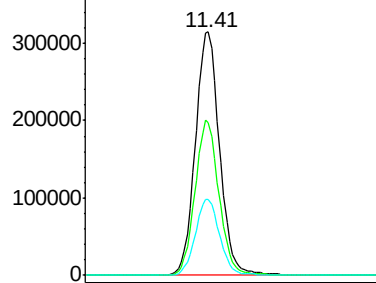
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057482.D
Acq: 23 Aug 2019 19:36

Instrument :
MSVOA_N
ClientSampleId :
T1-S3(2.5)

Tot Ion:117 Resp: 560080
Ion Ratio Lower Upper
117 100
82 62.9 50.6 75.8
119 31.3 24.6 36.8

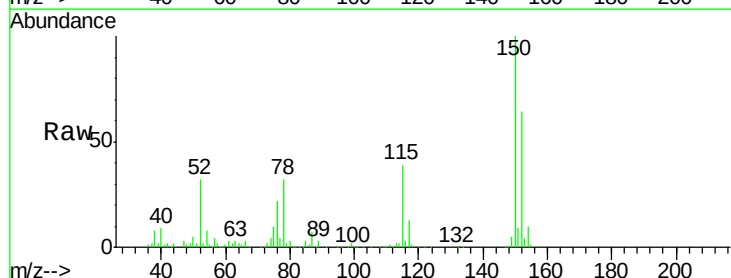


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057482.D
Acq: 23 Aug 2019 19:36

Tgt Ion:152 Resp: 140342
Ion Ratio Lower Upper
152 100
115 62.5 32.0 96.0
150 157.2 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

