

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057502.D
 Acq On : 26 Aug 2019 11:15
 Operator : JC/SP
 Sample : PB122539TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122539TB

Quant Time: Aug 26 12:08:54 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

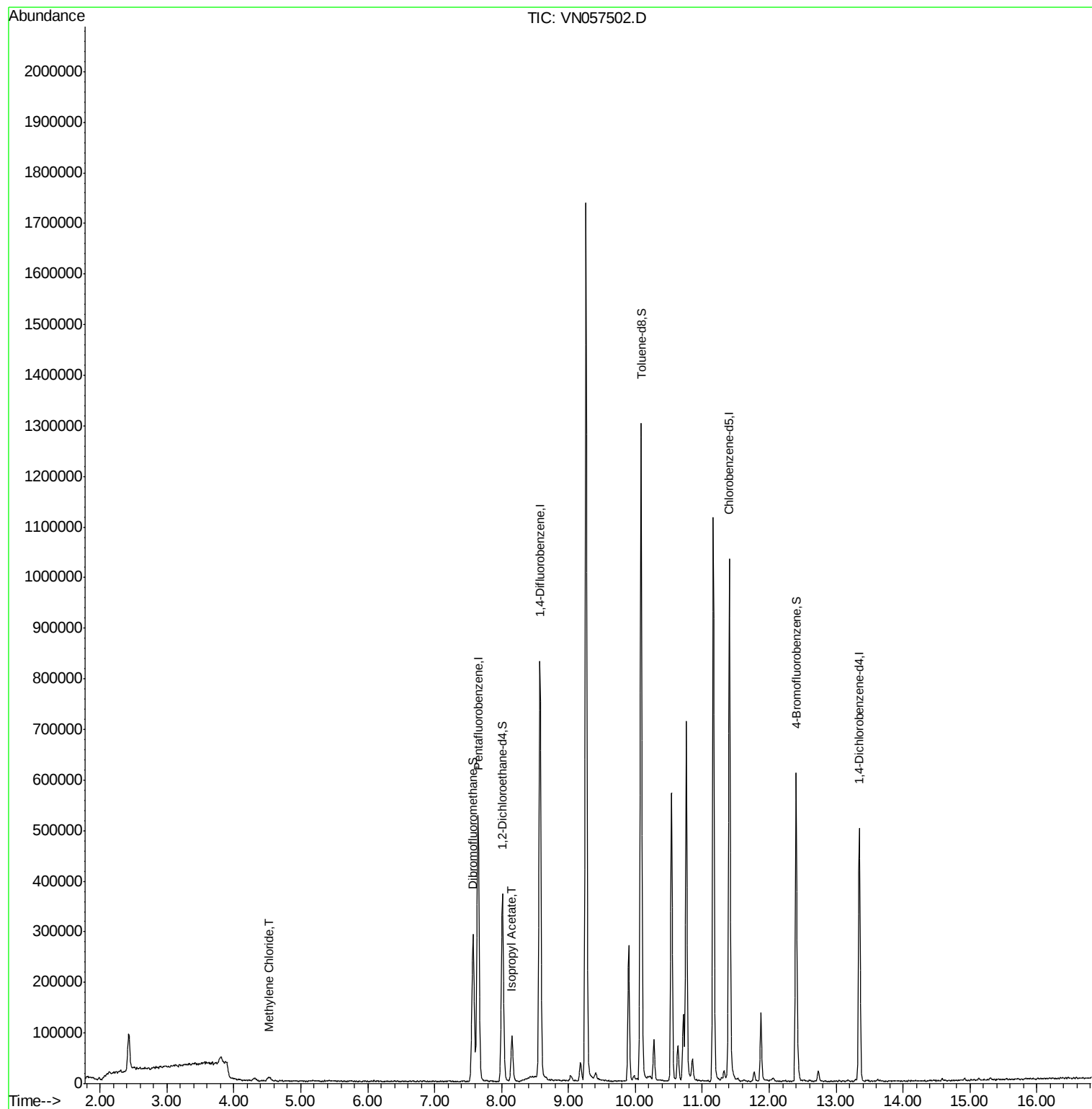
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	382661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	660147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	537420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	122696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	316982	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
35) Dibromofluoromethane	7.57	113	213022	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	10.08	98	837010	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	214178	37.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.96%	
Target Compounds						
20) Methylene Chloride	4.53	84	5590	1.146	ug/l #	75
43) Isopropyl Acetate	8.16	43	111097	9.090	ug/l	98

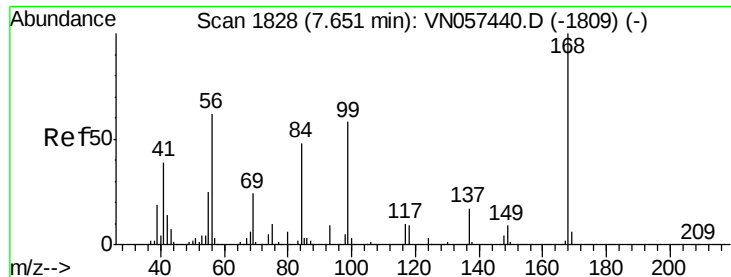
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057502.D

Acq: 26 Aug 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

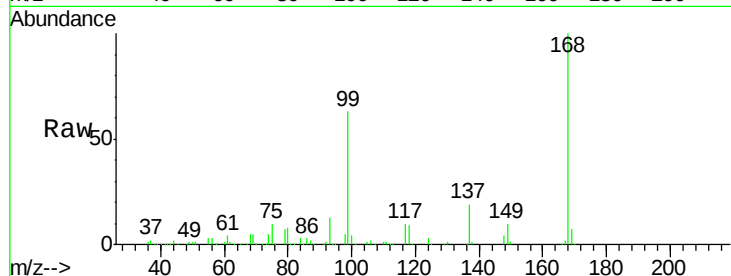
PB122539TB

Tot Ion:168 Resp: 382661

Ion Ratio Lower Upper

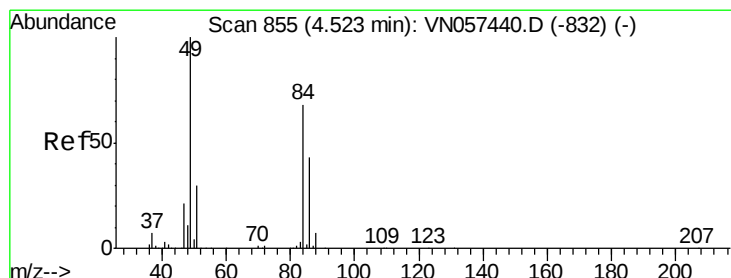
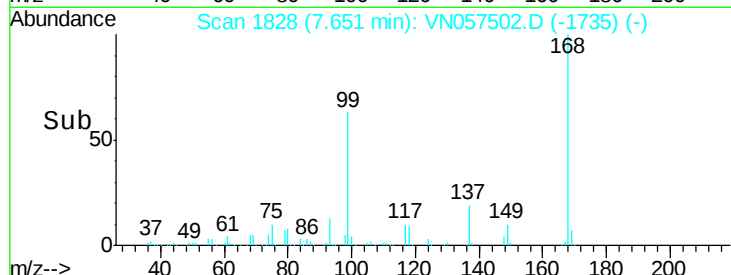
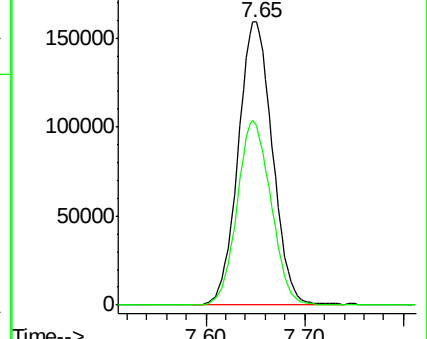
168 100

99 63.3 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.146 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057502.D

Acq: 26 Aug 2019 11:15

Tgt Ion: 84 Resp: 5590

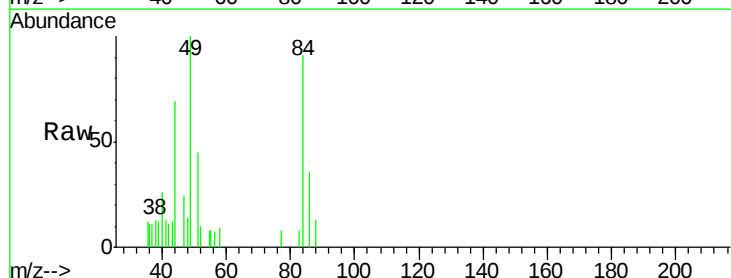
Ion Ratio Lower Upper

84 100

49 110.5 117.0 175.4#

51 50.0 35.5 53.3

86 39.9 49.8 74.8#

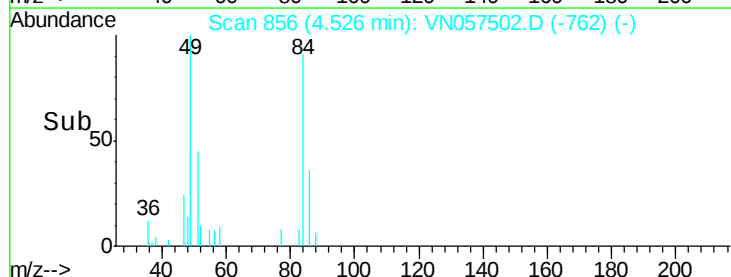
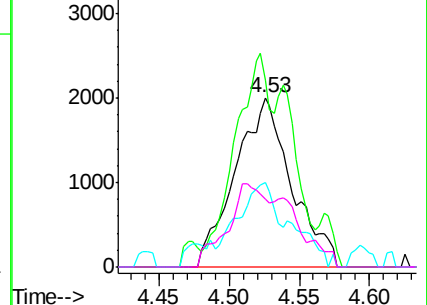


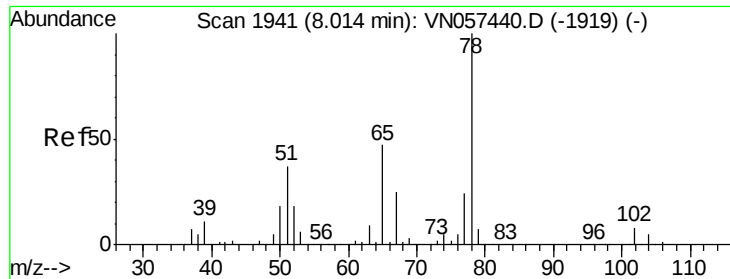
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

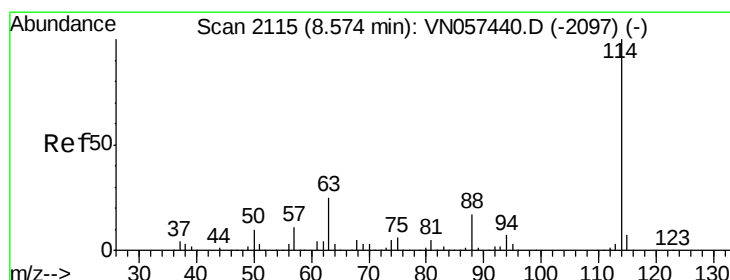
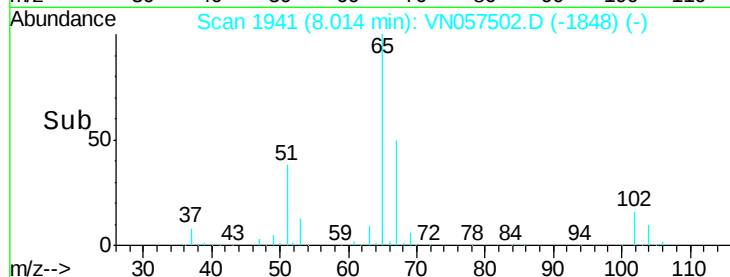
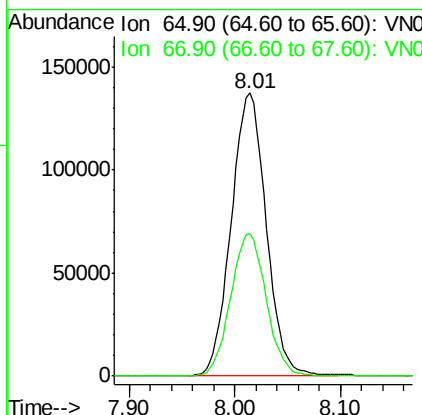
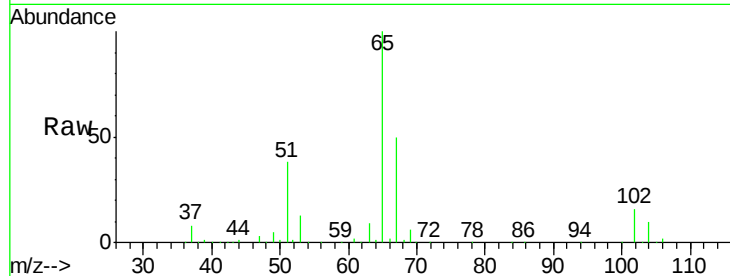




#33
 1,2-Dichloroethane-d4
 Concen: 47.090 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057502.D
 Acq: 26 Aug 2019 11:15

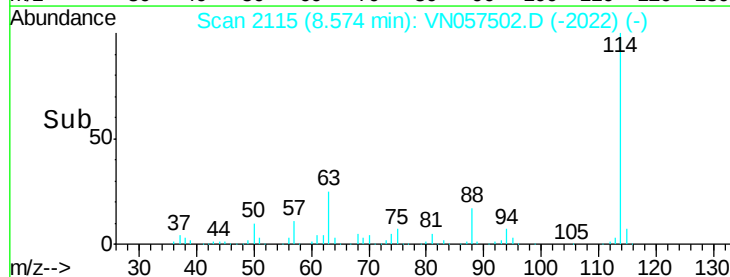
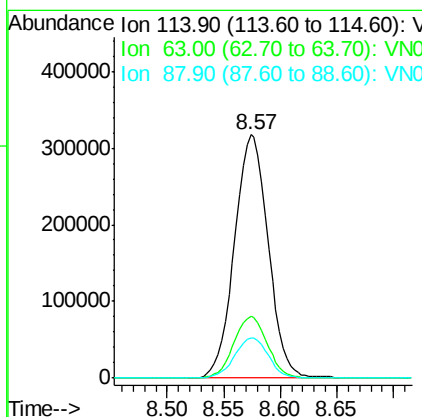
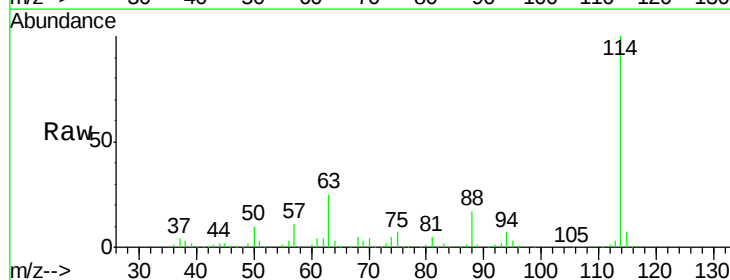
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122539TB

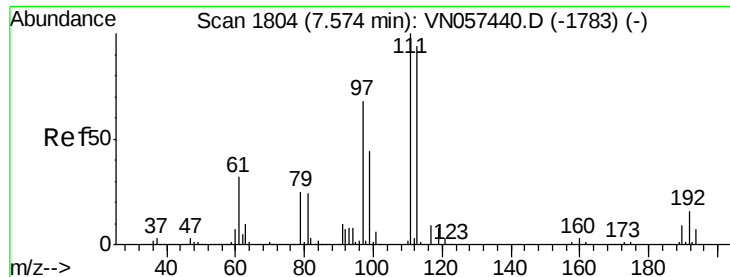
Tot Ion: 65 Resp: 316982
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057502.D
 Acq: 26 Aug 2019 11:15

Tgt Ion: 114 Resp: 660147
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 50.2
 88 16.6 0.0 34.6

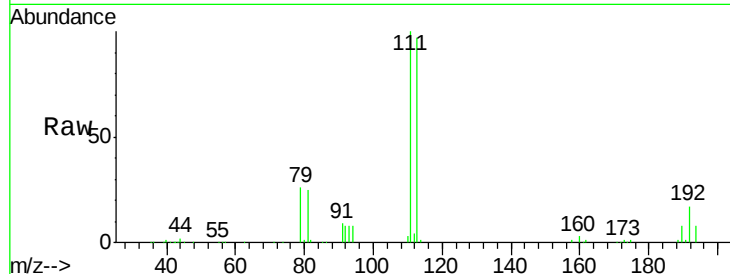




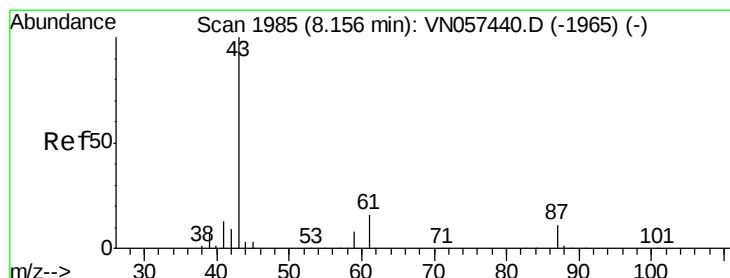
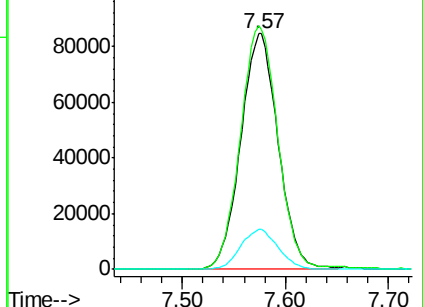
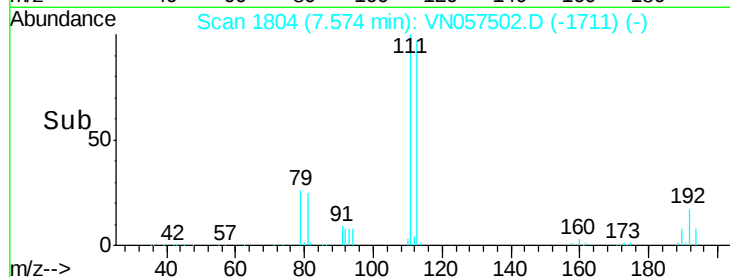
#35
 Dibromofluoromethane
 Concen: 47.773 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057502.D
 Acq: 26 Aug 2019 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122539TB

Tot Ion:113 Resp: 213022
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.8 125.6
 192 17.1 13.5 20.3

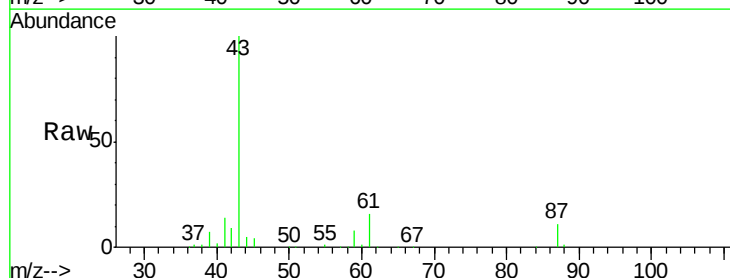


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

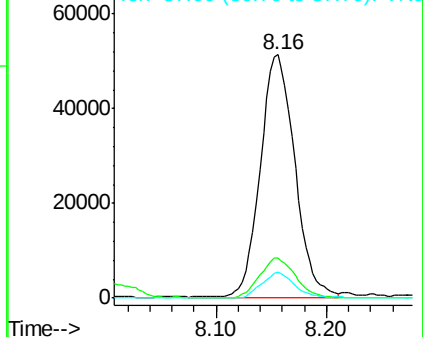
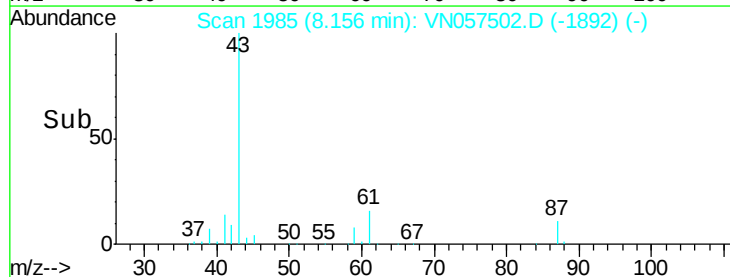


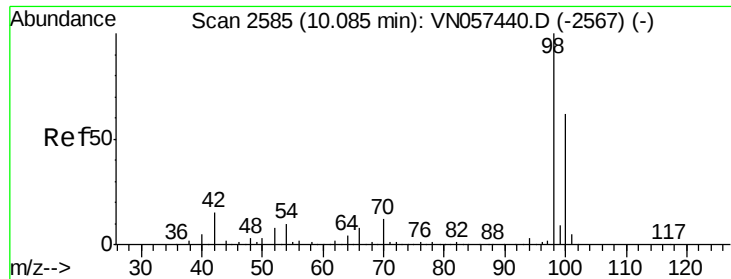
#43
 Isopropyl Acetate
 Concen: 9.090 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057502.D
 Acq: 26 Aug 2019 11:15

Tgt Ion: 43 Resp: 111097
 Ion Ratio Lower Upper
 43 100
 61 17.2 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: 49.643 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057502.D

Acq: 26 Aug 2019 11:15

Instrument :

MSVOA_N

ClientSampled :

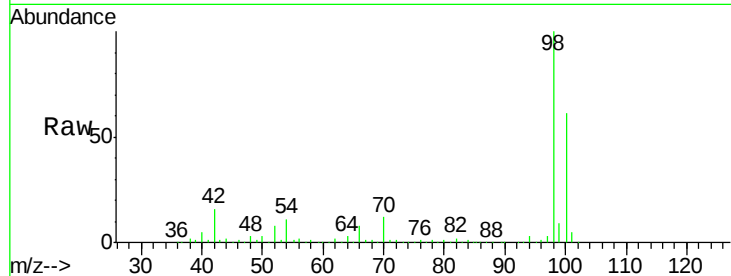
PB122539TB

Tot Ion: 98 Resp: 837010

Ion Ratio Lower Upper

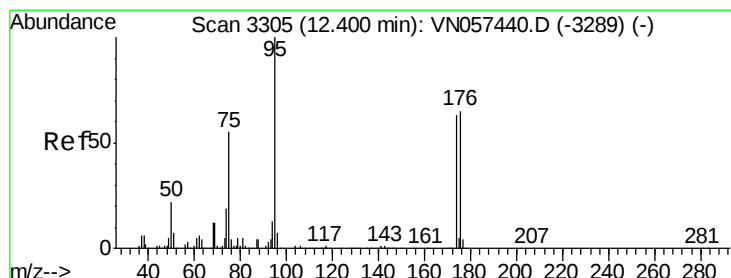
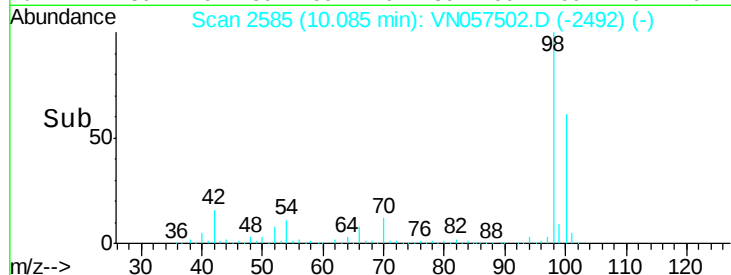
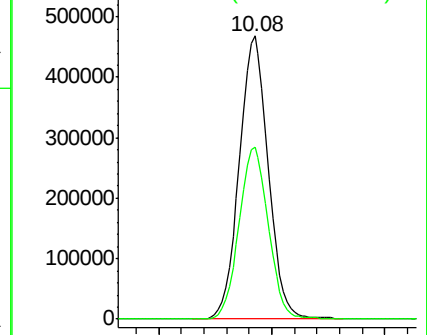
98 100

100 61.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 37.485 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057502.D

Acq: 26 Aug 2019 11:15

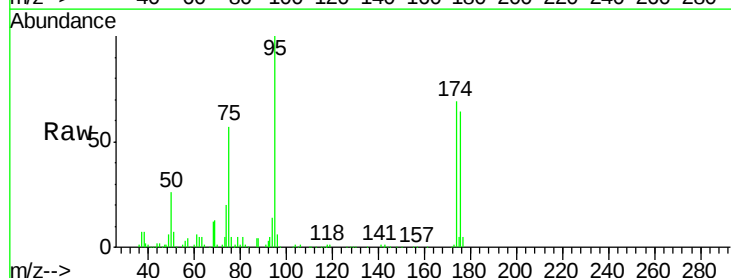
Tgt Ion: 95 Resp: 214178

Ion Ratio Lower Upper

95 100

174 68.8 0.0 133.0

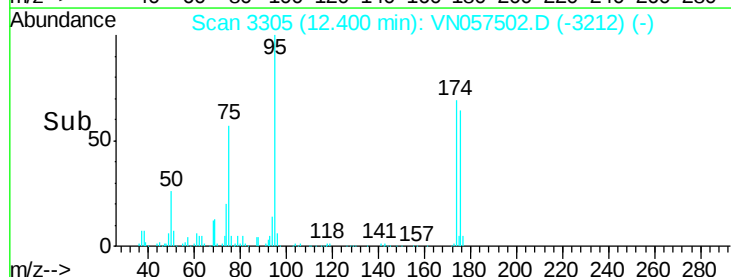
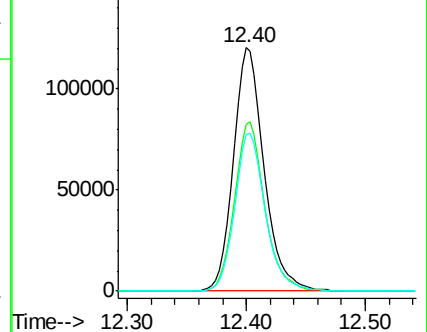
176 64.9 0.0 130.8

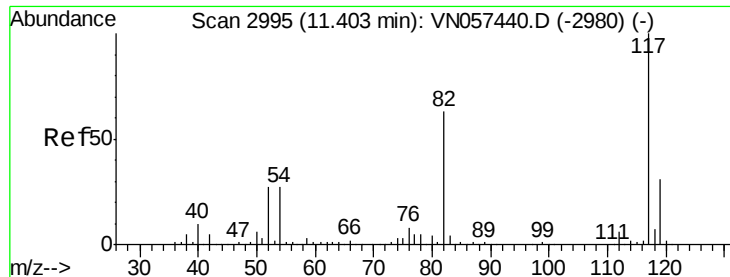


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057502.D

Acq: 26 Aug 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

PB122539TB

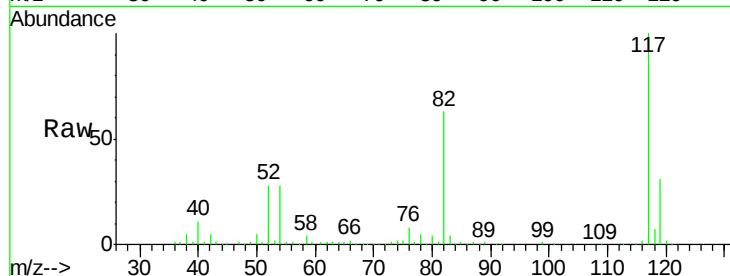
Tot Ion:117 Resp: 537420

Ion Ratio Lower Upper

117 100

82 62.6 50.6 75.8

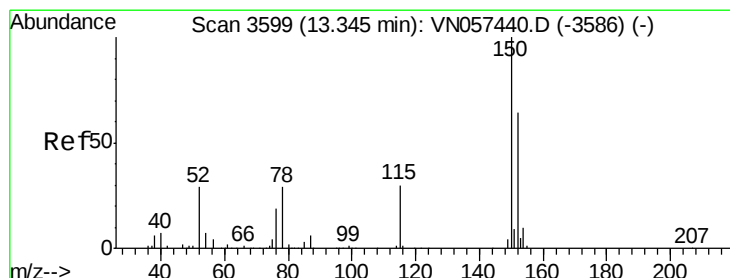
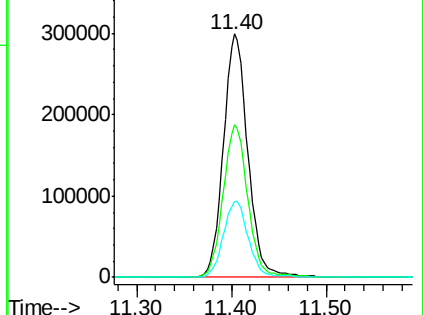
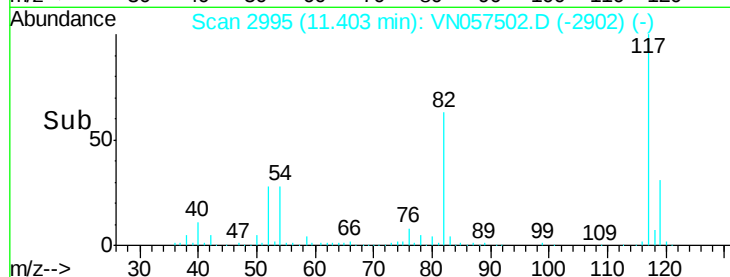
119 31.3 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057502.D

Acq: 26 Aug 2019 11:15

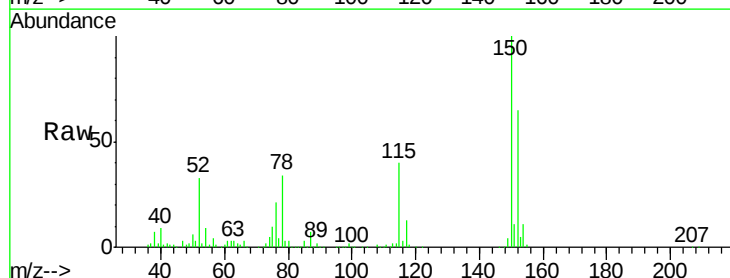
Tgt Ion:152 Resp: 122696

Ion Ratio Lower Upper

152 100

115 62.0 32.0 96.0

150 155.6 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

