

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057725.D
 Acq On : 6 Sep 2019 20:05
 Operator : JC/SP
 Sample : K4580-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B1-(0)

Quant Time: Sep 06 23:56:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

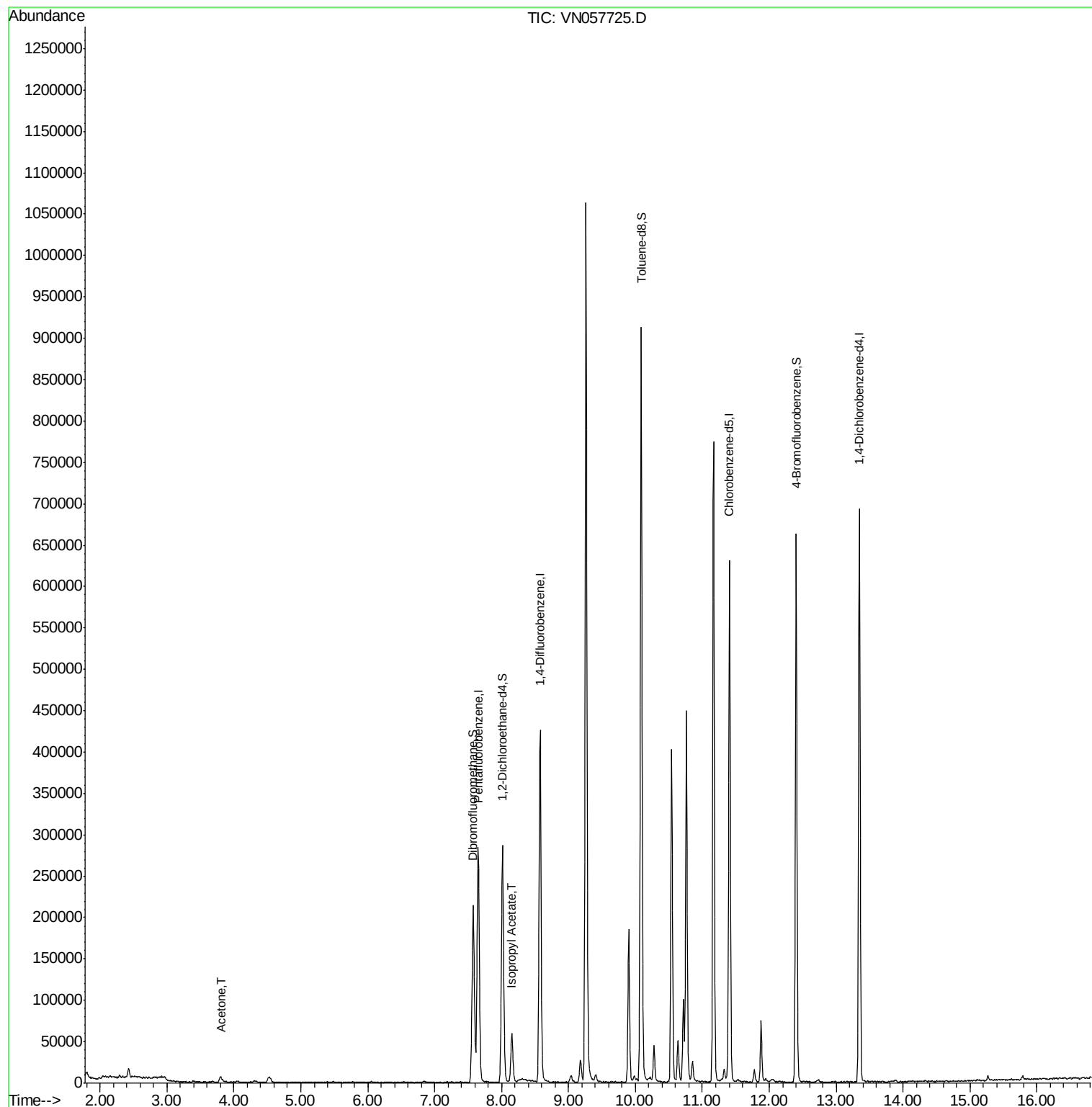
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	198381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	335021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	304715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	157020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	252154	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	7.57	113	148193	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	10.08	98	576374	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.40	95	217042	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
Target Compounds						
16) Acetone	3.81	43	11687	7.869	ug/l	94
43) Isopropyl Acetate	8.15	43	71445	8.412	ug/l	97

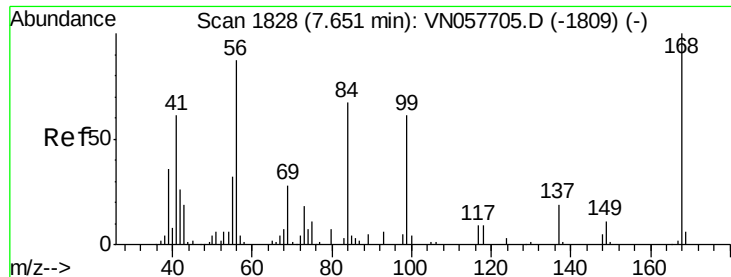
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057725.D

Acq: 6 Sep 2019 20:05

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MSVOA_N

ClientSampleId :

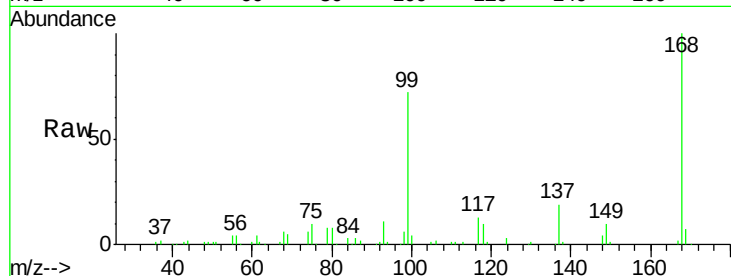
T12-B1-(0)

Tot Ion:168 Resp: 198381

Ion Ratio Lower Upper

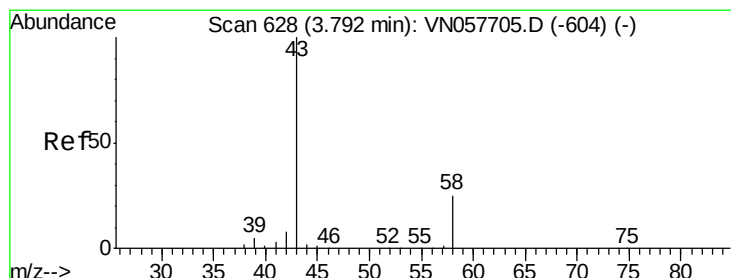
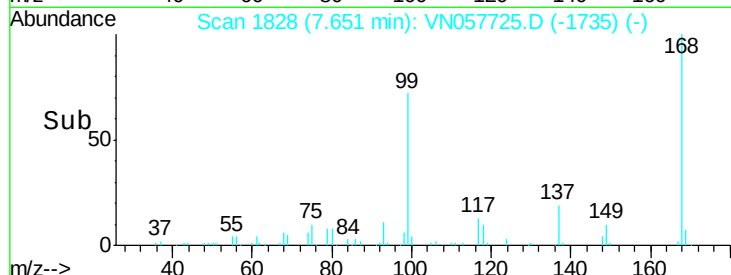
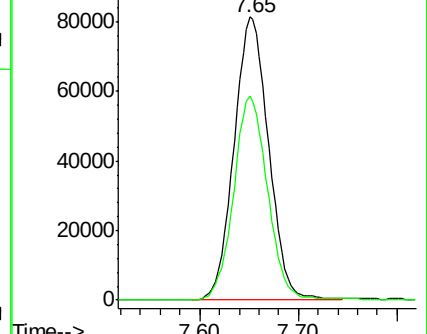
168 100

99 72.2 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.869 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057725.D

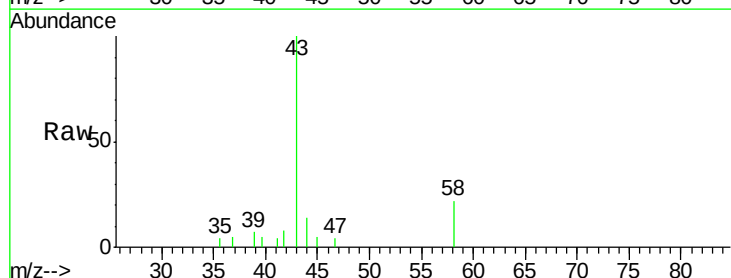
Acq: 6 Sep 2019 20:05

Tgt Ion: 43 Resp: 11687

Ion Ratio Lower Upper

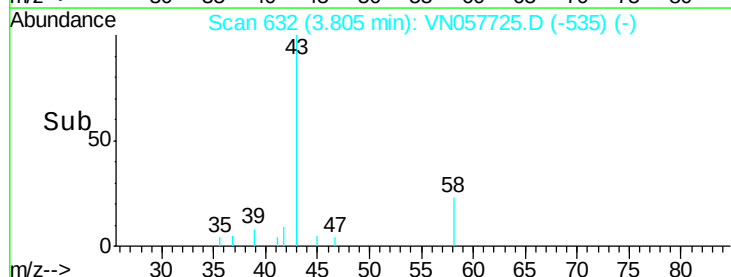
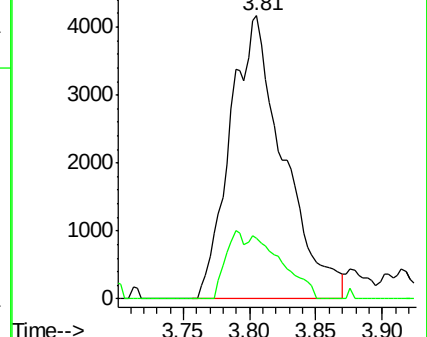
43 100

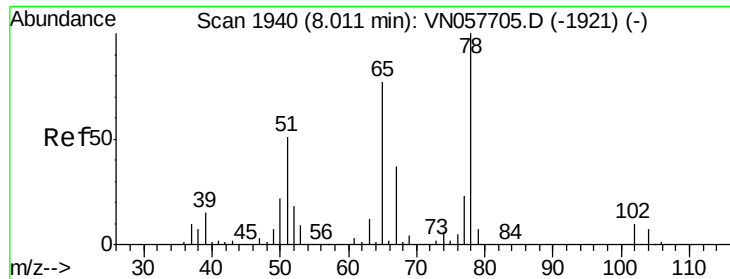
58 21.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

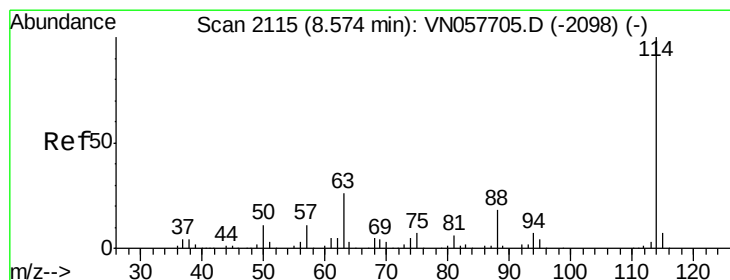
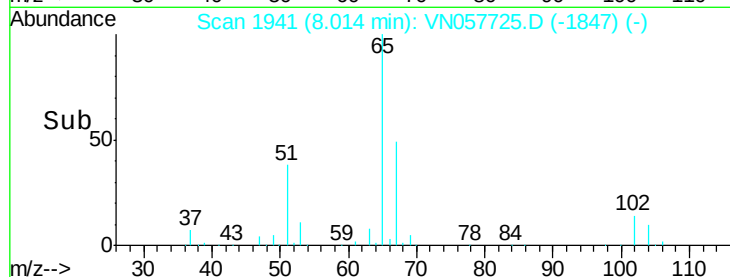
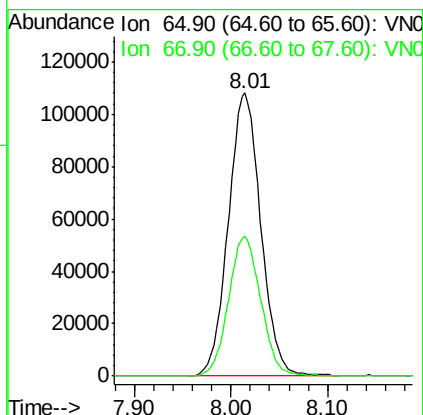
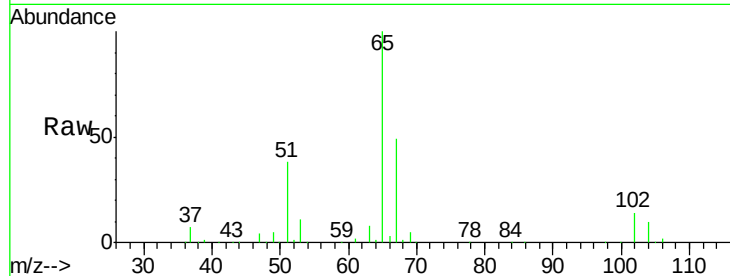




#33
 1,2-Dichloroethane-d4
 Concen: 52.249 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057725.D
 Acq: 6 Sep 2019 20:05

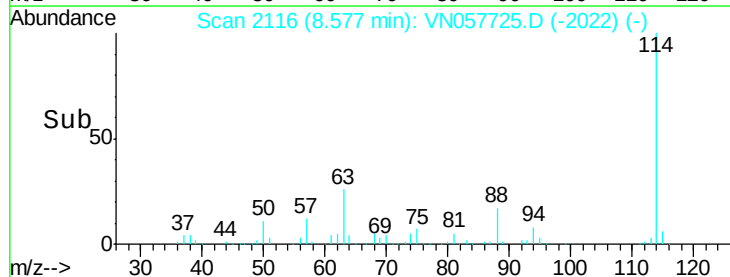
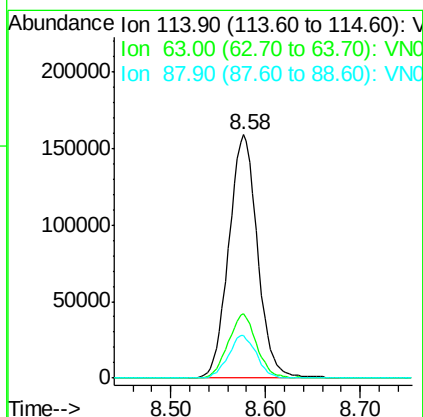
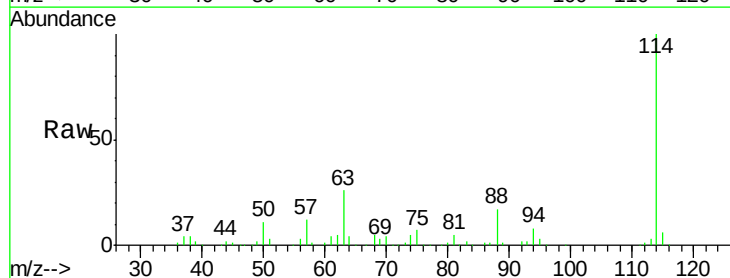
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B1-(0)

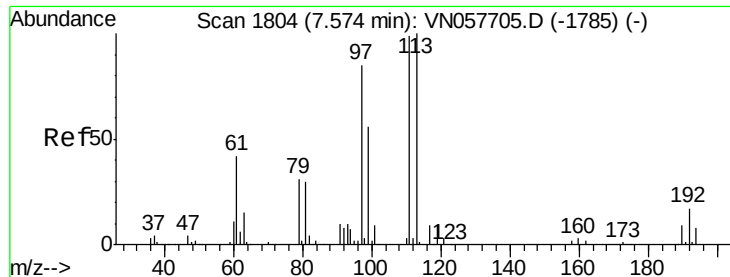
Tot Ion: 65 Resp: 252154
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057725.D
 Acq: 6 Sep 2019 20:05

Tgt Ion: 114 Resp: 335021
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 52.4
 88 17.3 0.0 35.4

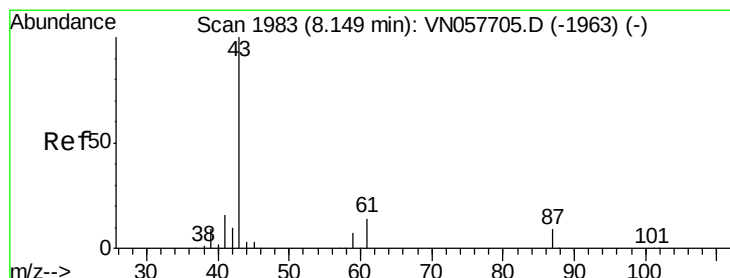
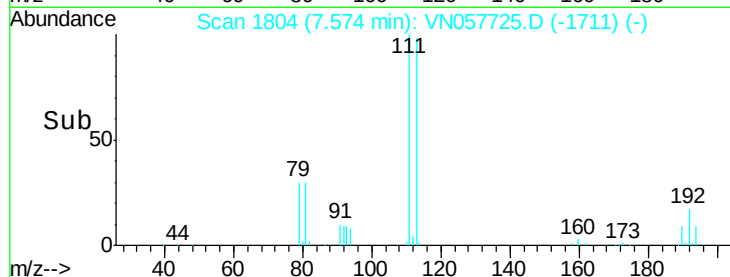
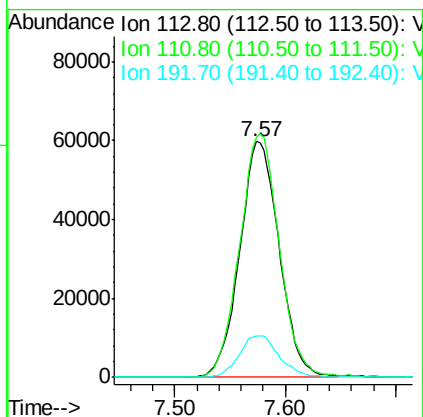
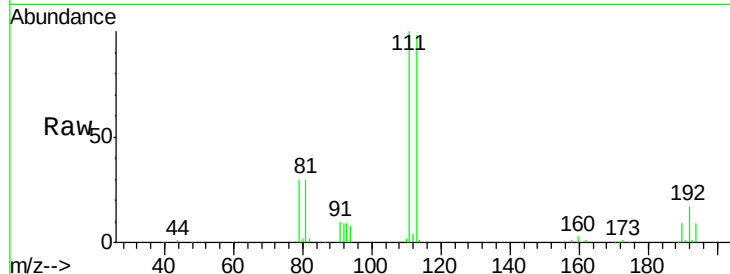




#35
 Dibromofluoromethane
 Concen: 48.563 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057725.D
 Acq: 6 Sep 2019 20:05

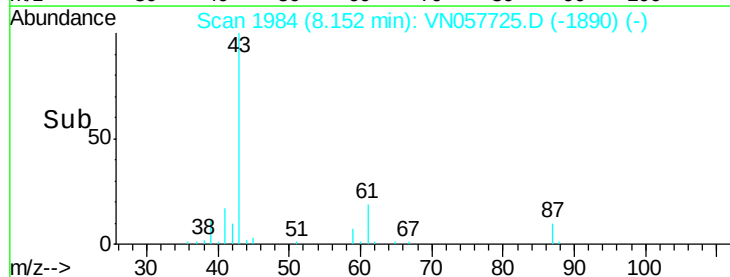
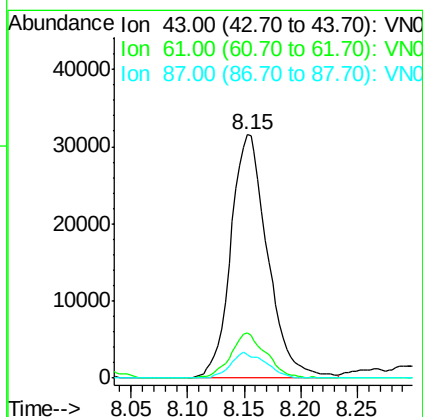
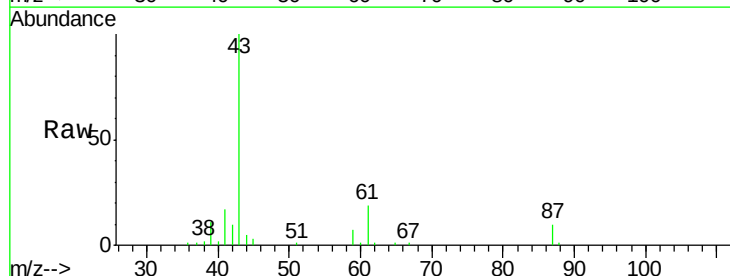
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B1-(0)

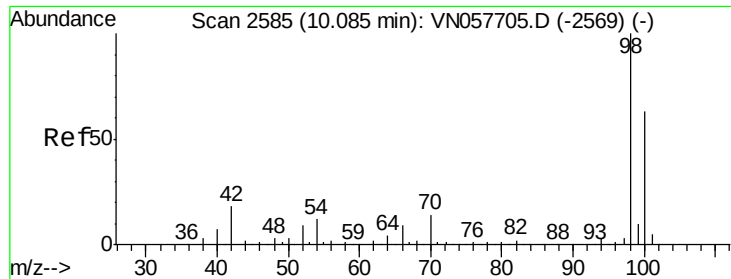
Tot Ion:113 Resp: 148193
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.7 124.1
 192 17.9 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 8.412 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN057725.D
 Acq: 6 Sep 2019 20:05

Tgt Ion: 43 Resp: 71445
 Ion Ratio Lower Upper
 43 100
 61 17.6 12.8 19.2
 87 10.0 7.8 11.8





#50

Toluene-d8

Concen: 51.059 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057725.D

Acq: 6 Sep 2019 20:05

Instrument :

MSVOA_N

ClientSampleId :

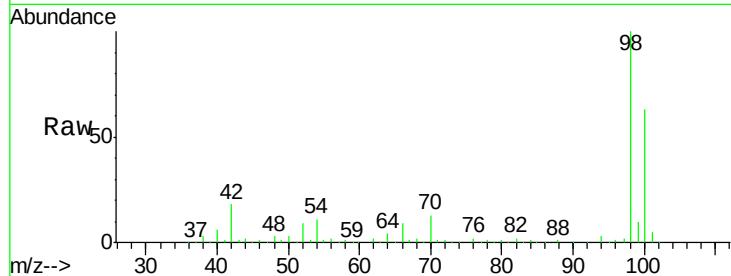
T12-B1-(0)

Tot Ion: 98 Resp: 576374

Ion Ratio Lower Upper

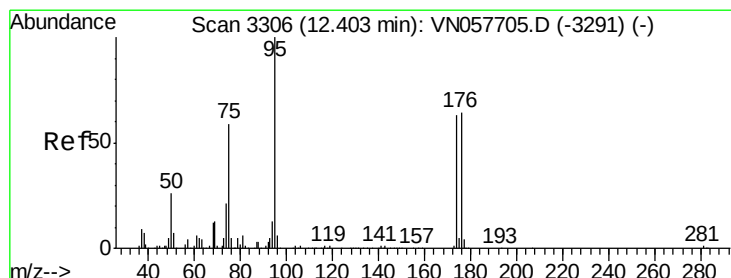
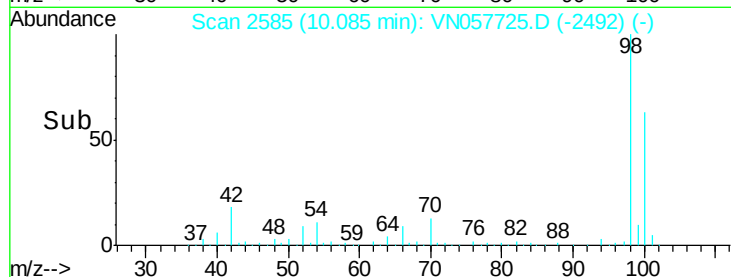
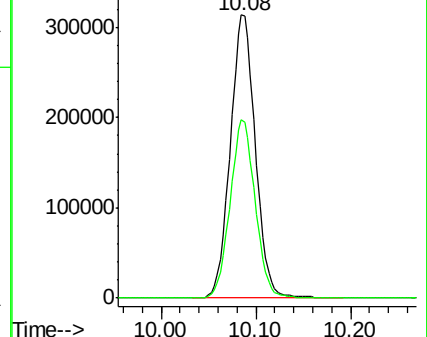
98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 46.291 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057725.D

Acq: 6 Sep 2019 20:05

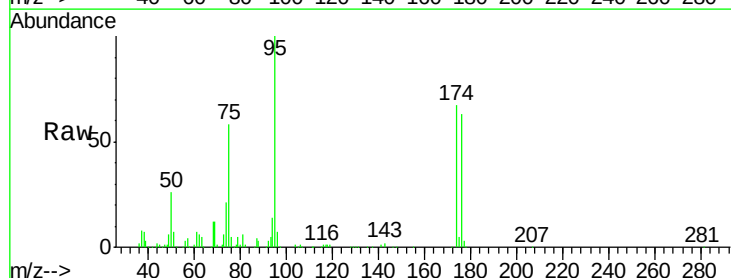
Tgt Ion: 95 Resp: 217042

Ion Ratio Lower Upper

95 100

174 66.9 0.0 128.0

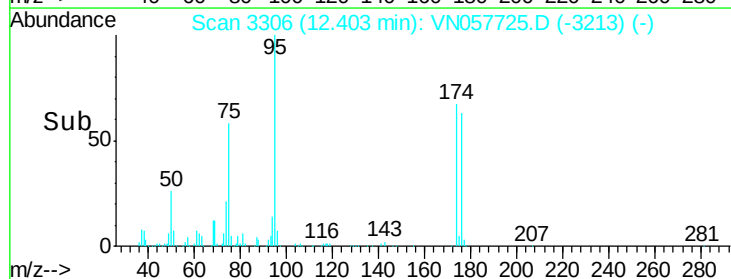
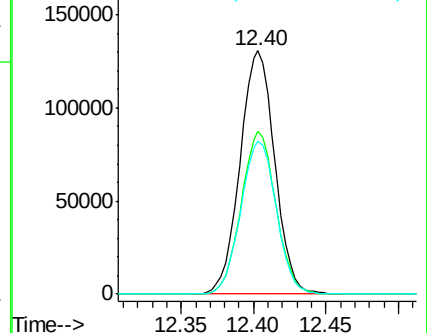
176 64.5 0.0 128.0

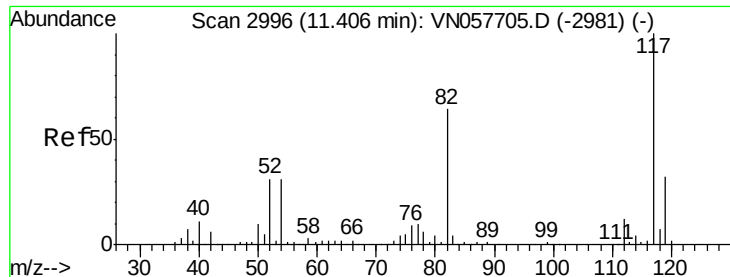


Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057705.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057705.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN057725.D

Acq: 6 Sep 2019 20:05

Instrument :

MSVOA_N

ClientSampleId :

T12-B1-(0)

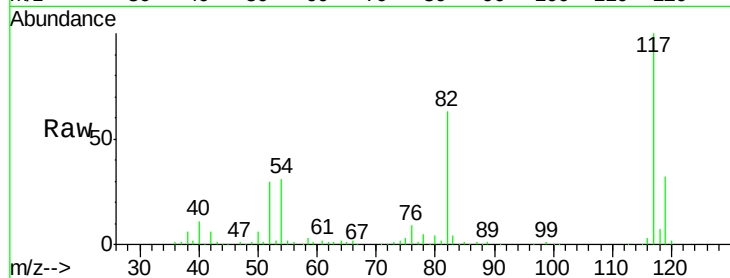
Tot Ion:117 Resp: 304715

Ion Ratio Lower Upper

117 100

82 63.5 51.4 77.0

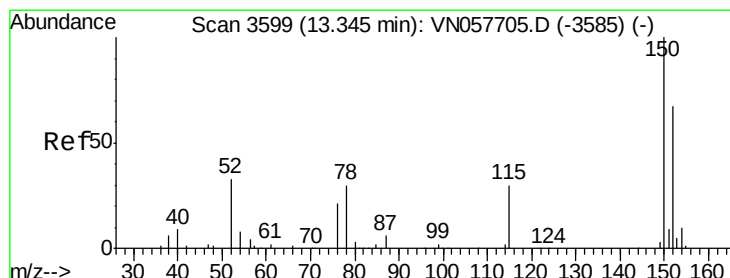
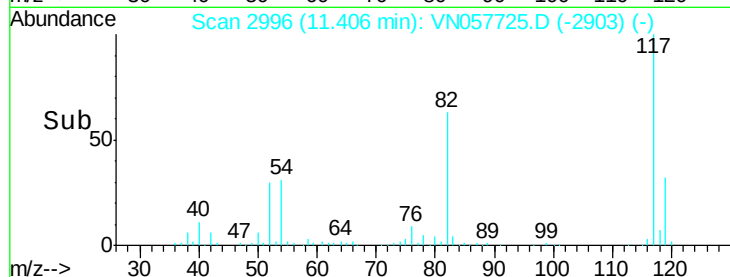
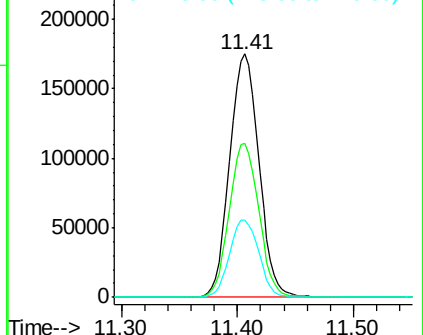
119 31.7 25.4 38.2



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# 3600

Delta R.T. 0.00 min

Lab File: VN057725.D

Acq: 6 Sep 2019 20:05

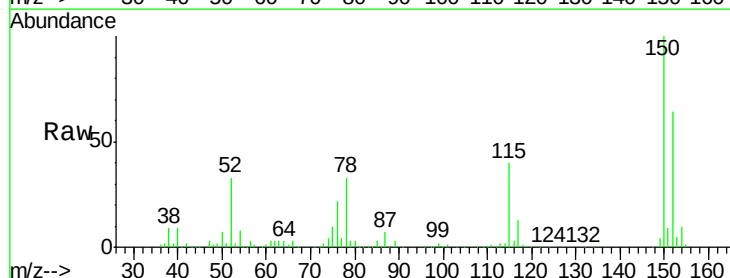
Tgt Ion:152 Resp: 157020

Ion Ratio Lower Upper

152 100

115 64.3 33.8 101.3

150 157.0 0.0 345.4



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

