

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057769.D
 Acq On : 7 Sep 2019 20:59
 Operator : JC/SP
 Sample : K4601-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E3-(0)

Quant Time: Sep 08 07:22:16 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

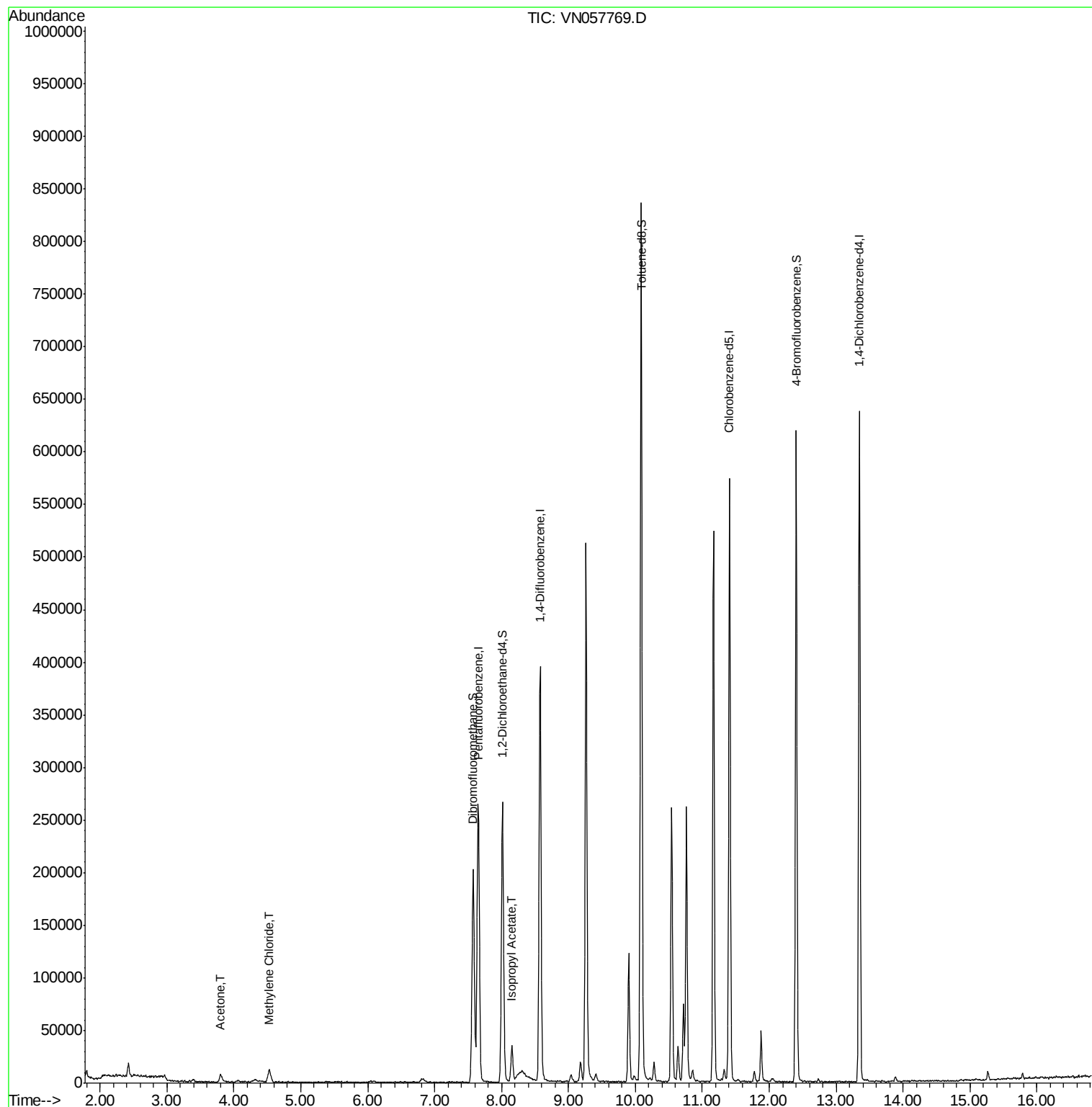
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	195140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	319149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	283302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	148019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	229999	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	7.58	113	140113	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	10.09	98	535217	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	195209	43.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.40%	
Target Compounds						
16) Acetone	3.81	43	13111	8.975	ug/l	100
20) Methylene Chloride	4.53	84	8006	2.535	ug/l	91
43) Isopropyl Acetate	8.15	43	40693	5.030	ug/l	99

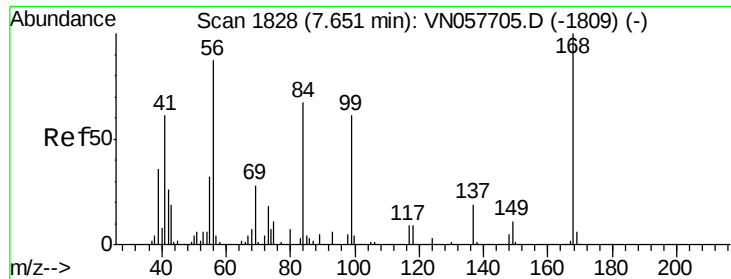
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057769.D

Acq: 7 Sep 2019 20:59

Instrument :

MSVOA_N

ClientSampleId :

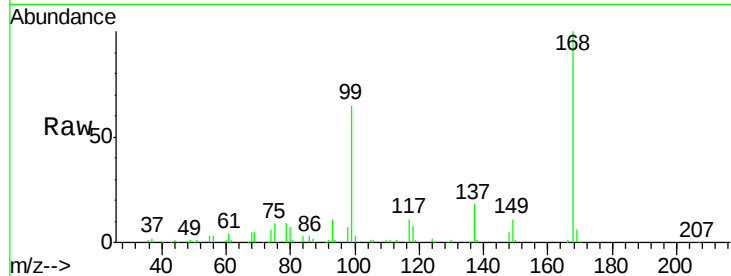
T12-E3-(0)

Tot Ion:168 Resp: 195140

Ion Ratio Lower Upper

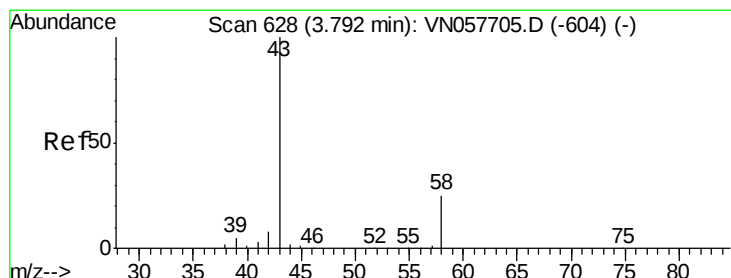
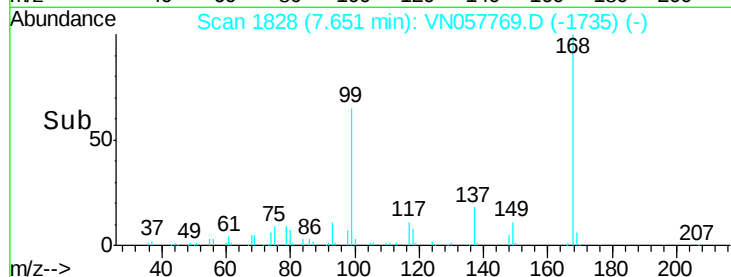
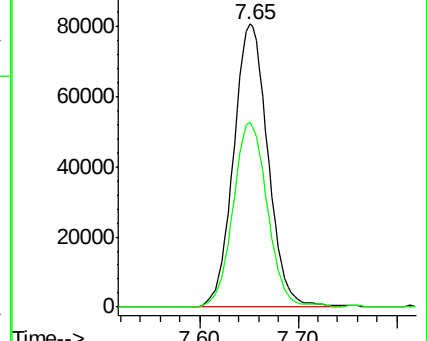
168 100

99 65.2 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: 8.975 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057769.D

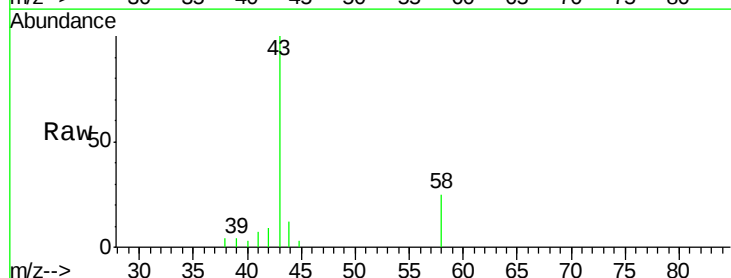
Acq: 7 Sep 2019 20:59

Tgt Ion: 43 Resp: 13111

Ion Ratio Lower Upper

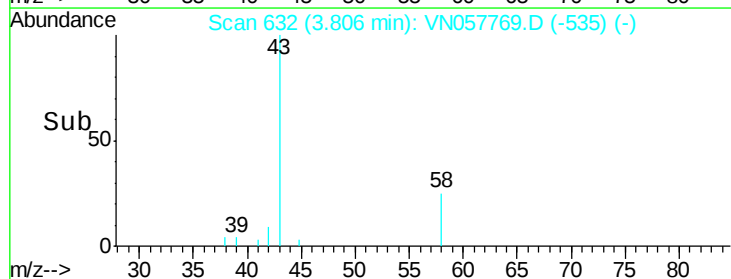
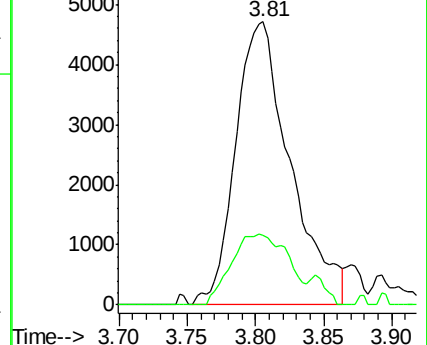
43 100

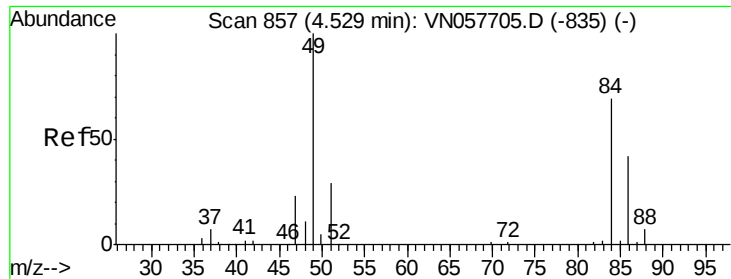
58 24.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

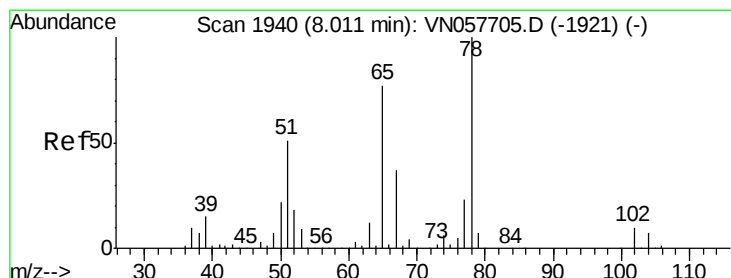
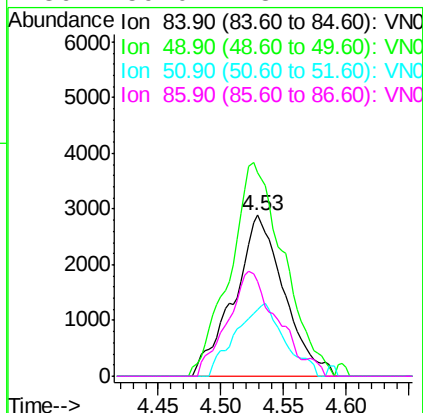
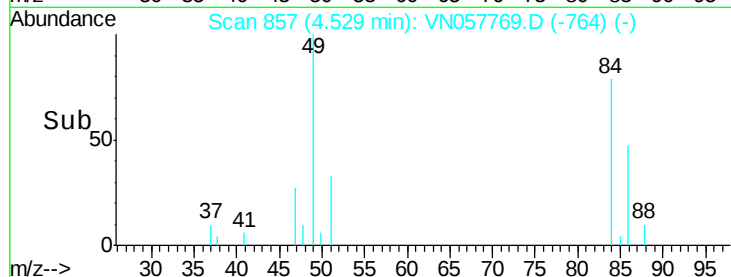
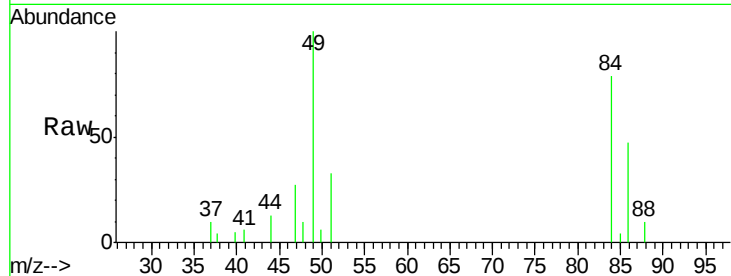




#20
Methvlene Chloride
Concen: 2.535 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057769.D
Acq: 7 Sep 2019 20:59

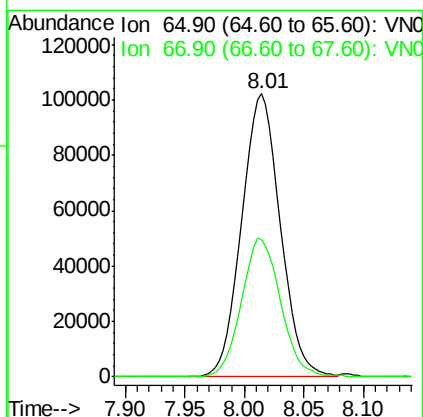
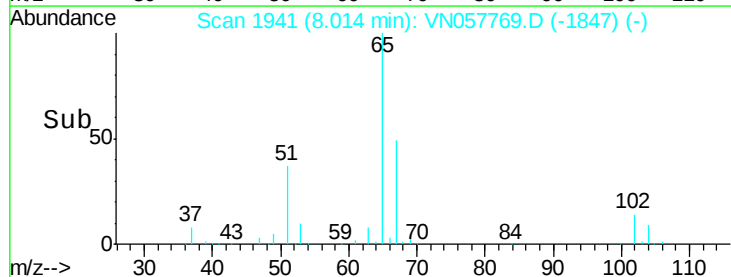
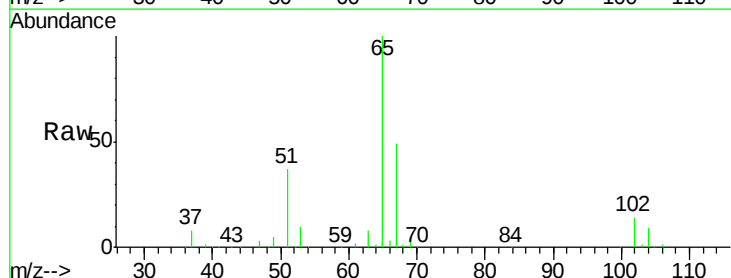
Instrument :
MSVOA_N
ClientSampleId :
T12-E3-(0)

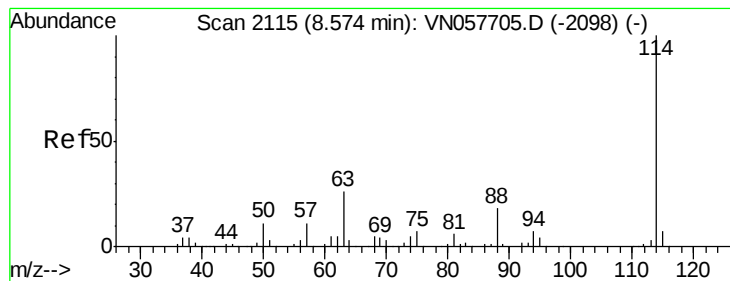
Tot Ion: 84 Resp: 8006
Ion Ratio Lower Upper
84 100
49 126.6 115.0 172.6
51 41.5 33.8 50.8
86 59.0 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 48.450 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057769.D
Acq: 7 Sep 2019 20:59

Tgt Ion: 65 Resp: 229999
Ion Ratio Lower Upper
65 100
67 49.2 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: VN057769.D

Acq: 7 Sep 2019 20:59

Instrument :

MSVOA_N

ClientSampleId :

T12-E3-(0)

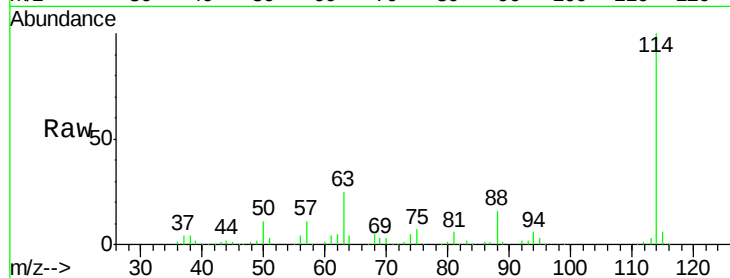
Tot Ion:114 Resp: 319149

Ion Ratio Lower Upper

114 100

63 24.9 0.0 52.4

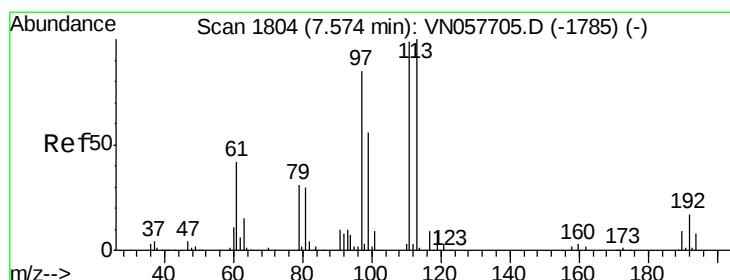
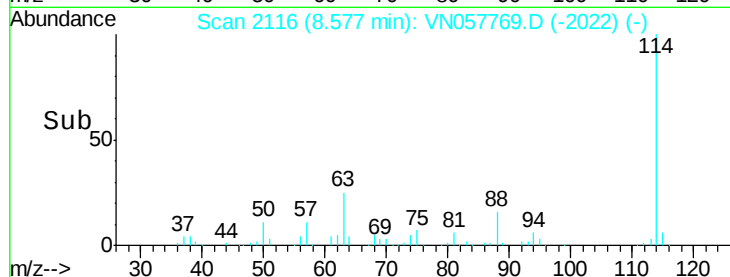
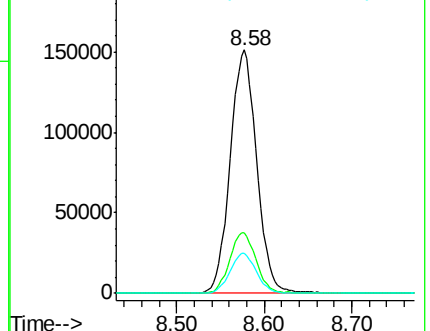
88 16.4 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.199 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057769.D

Acq: 7 Sep 2019 20:59

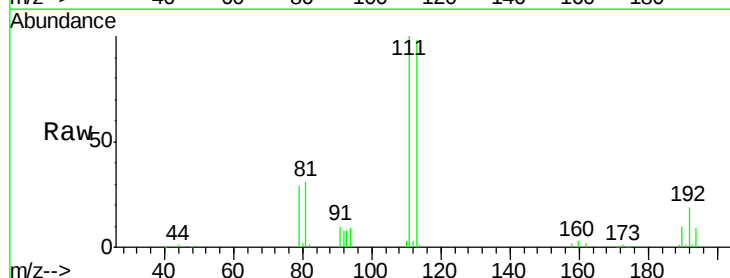
Tgt Ion:113 Resp: 140113

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

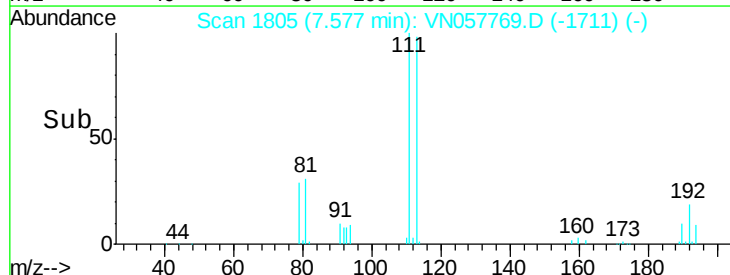
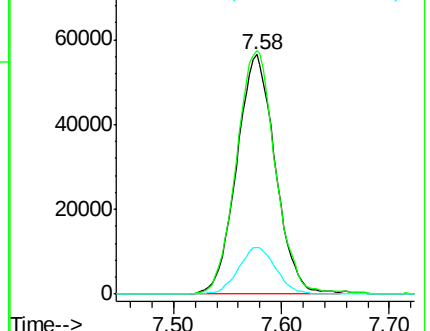
192 18.9 13.8 20.6

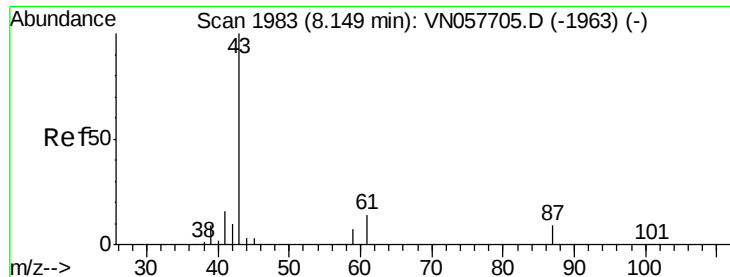


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.030 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057769.D

Acq: 7 Sep 2019 20:59

Instrument :

MSVOA_N

ClientSampleId :

T12-E3-(0)

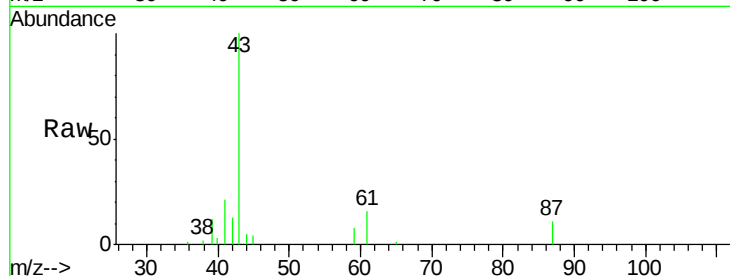
Tot Ion: 43 Resp: 40693

Ion Ratio Lower Upper

43 100

61 15.6 12.8 19.2

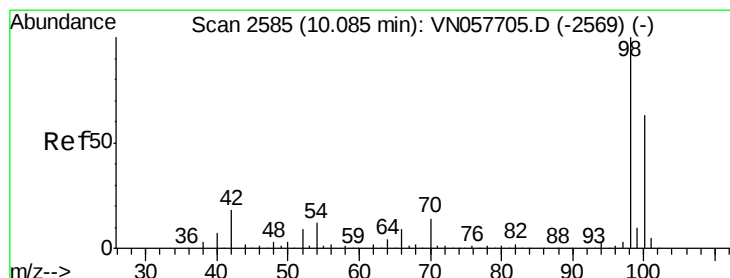
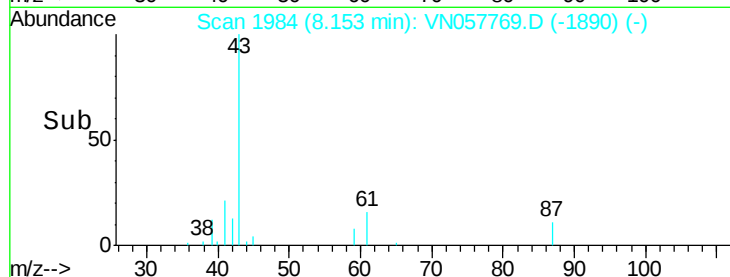
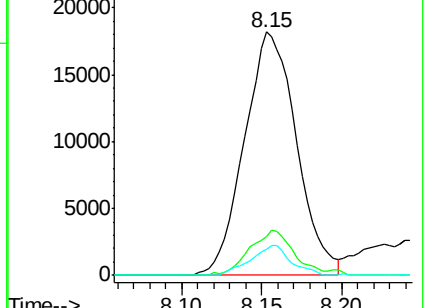
87 9.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN057705.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN057705.D (-1963) (-)



#50

Toluene-d8

Concen: 49.771 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057769.D

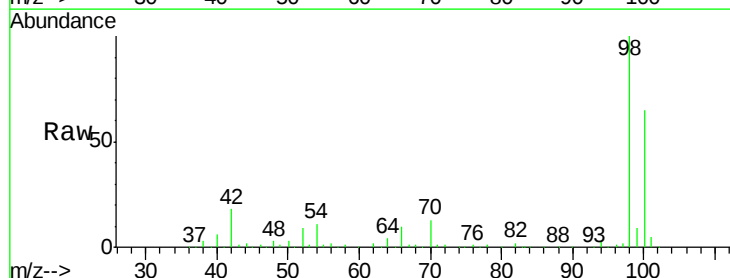
Acq: 7 Sep 2019 20:59

Tgt Ion: 98 Resp: 535217

Ion Ratio Lower Upper

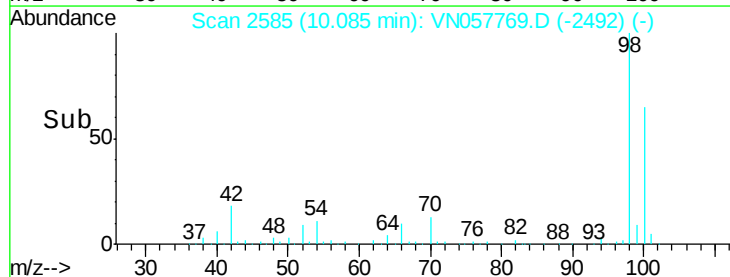
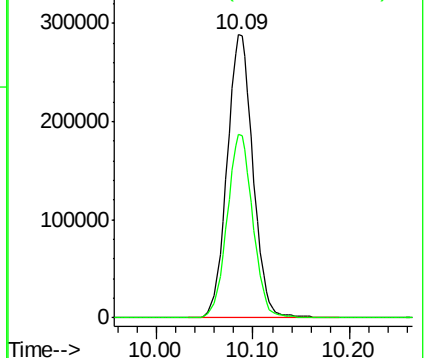
98 100

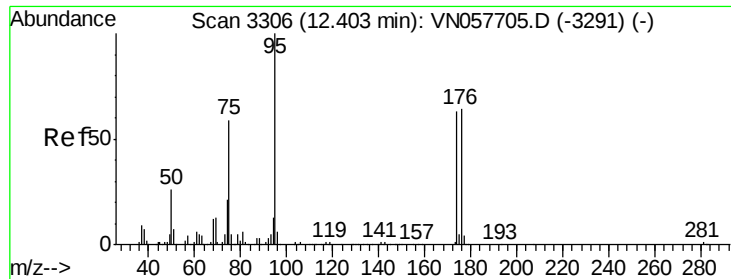
100 64.4 50.7 76.1



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: 43.705 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057769.D

Acq: 7 Sep 2019 20:59

Instrument :

MSVOA_N

ClientSampleId :

T12-E3-(0)

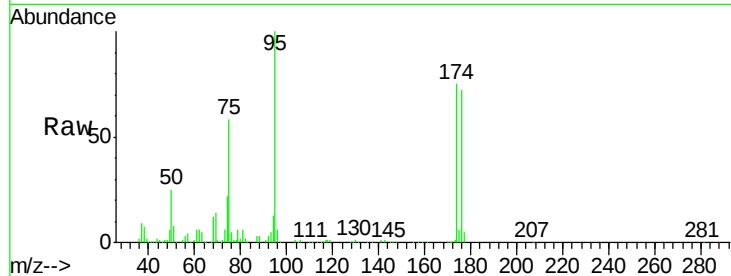
Tot Ion: 95 Resp: 195209

Ion Ratio Lower Upper

95 100

174 73.6 0.0 128.0

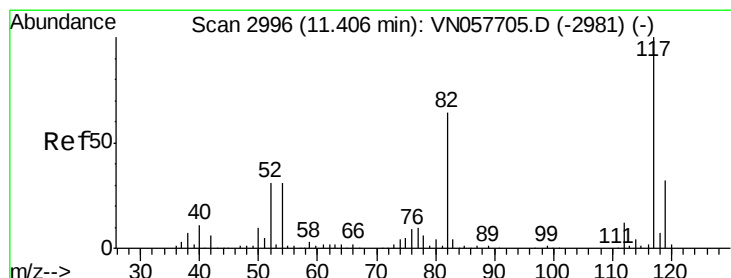
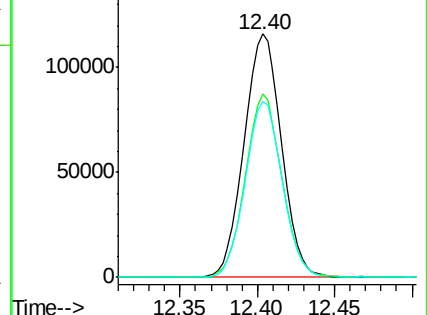
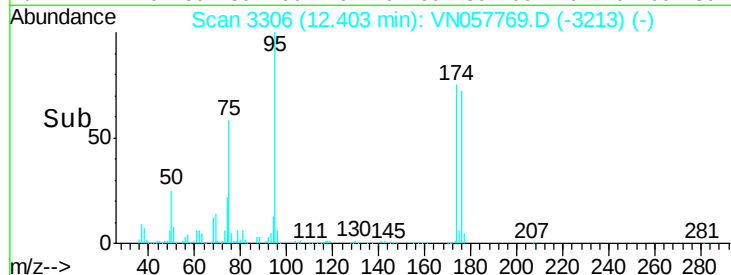
176 71.8 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057769.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN057769.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN057769.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057769.D

Acq: 7 Sep 2019 20:59

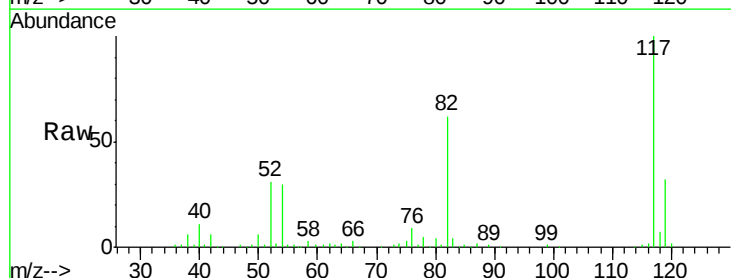
Tgt Ion: 117 Resp: 283302

Ion Ratio Lower Upper

117 100

82 61.8 51.4 77.0

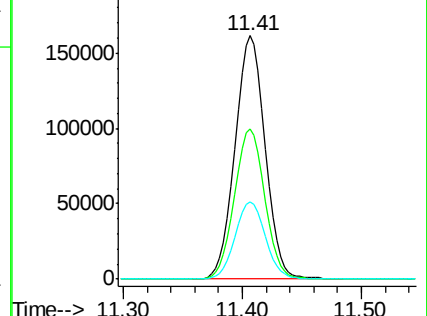
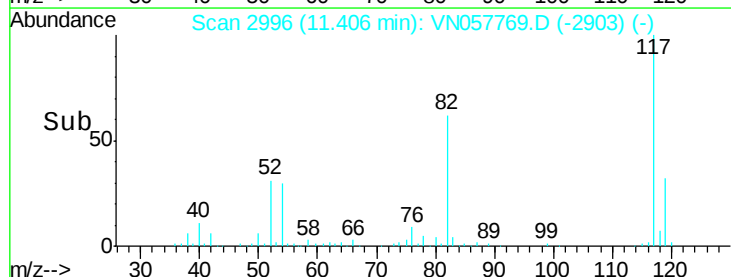
119 31.9 25.4 38.2

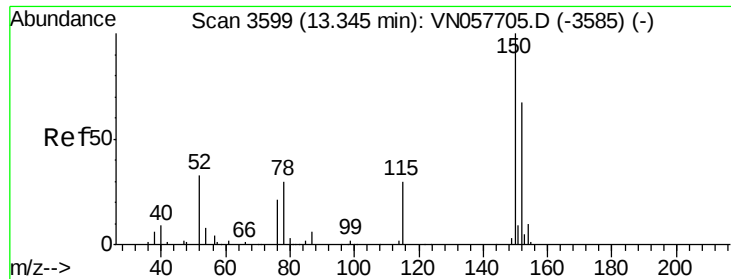


Abundance Ion 116.90 (116.60 to 117.60): VN057769.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057769.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057769.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057769.D

Acq: 7 Sep 2019 20:59

Instrument :

MSVOA_N

ClientSampleId :

T12-E3-(0)

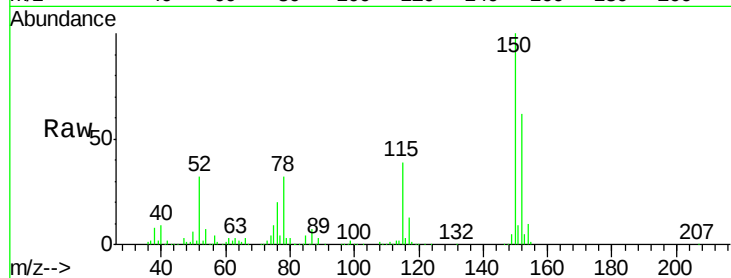
Tot Ion:152 Resp: 148019

Ion Ratio Lower Upper

152 100

115 62.7 33.8 101.3

150 158.2 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

