

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057751.D
 Acq On : 7 Sep 2019 14:22
 Operator : JC/SP
 Sample : K4581-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-C1-(0)

Quant Time: Sep 08 06:45:25 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

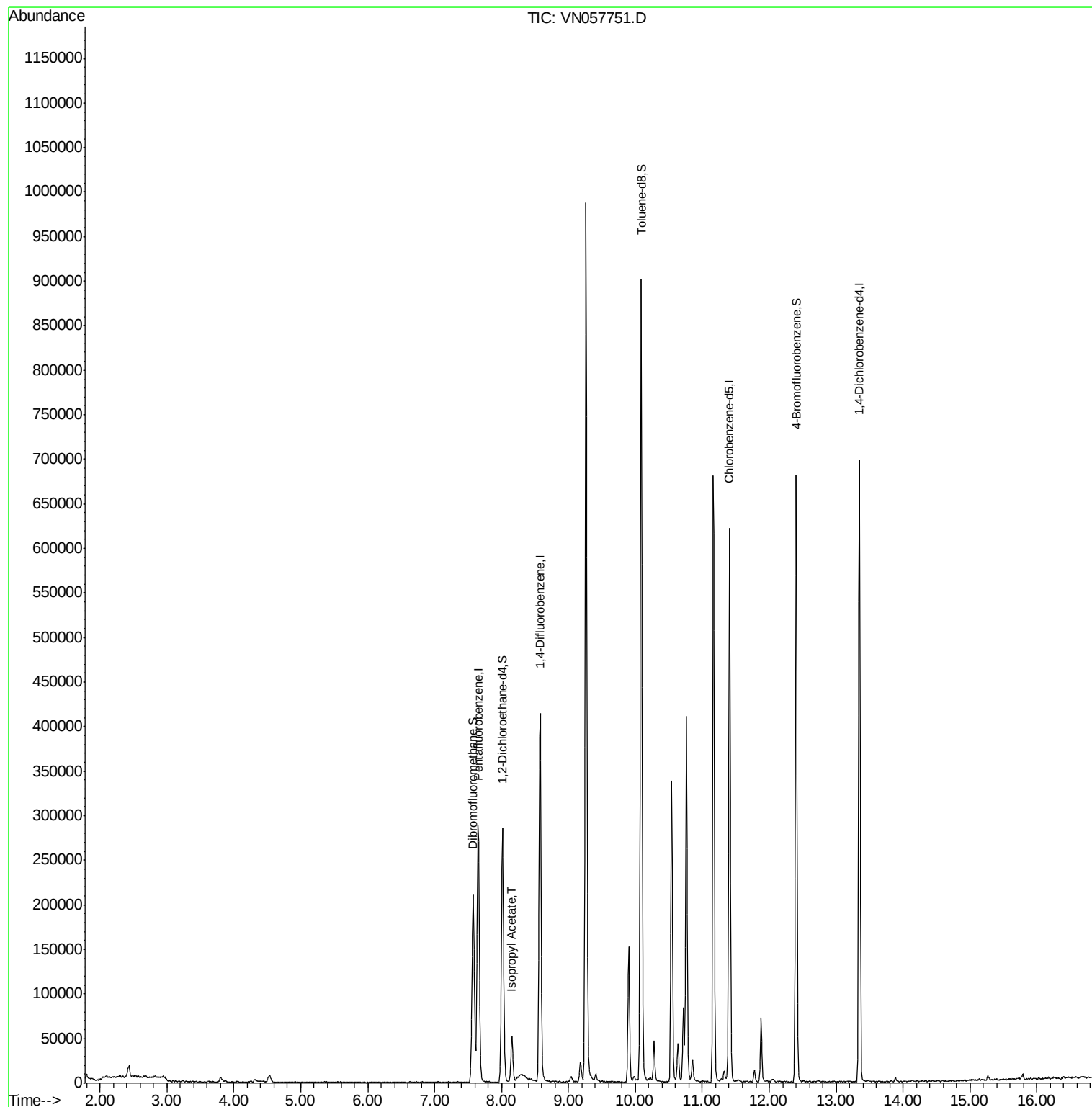
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	214842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	334658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	310842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	161113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	247630	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	7.57	113	151034	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.09	98	579749	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	214049	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
43) Isopropyl Acetate	8.16	43	61027	7.193	ug/l	Qvalue 100

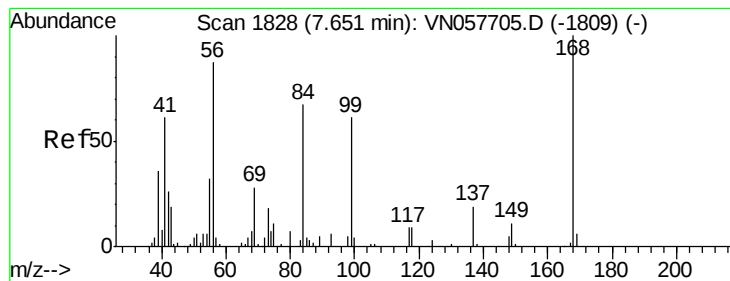
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 03:46:54 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: VN057751.D

Acq: 7 Sep 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

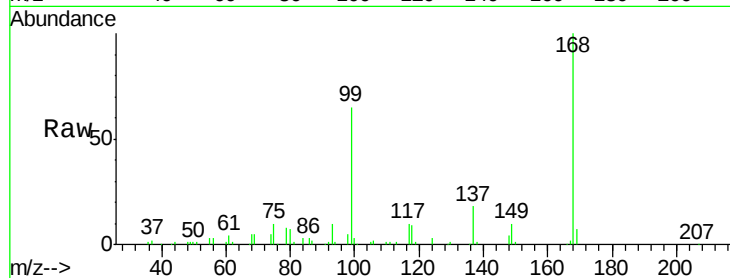
T12-C1-(0)

Tot Ion:168 Resp: 214842

Ion Ratio Lower Upper

168 100

99 64.9 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

80000

60000

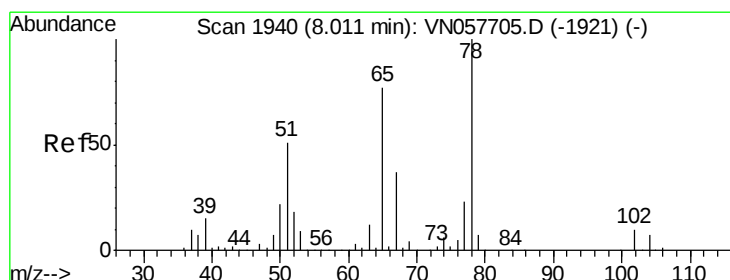
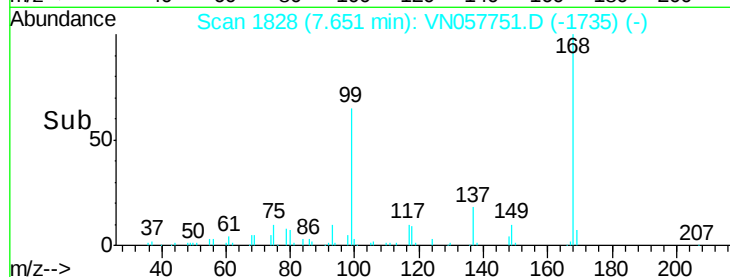
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.380 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057751.D

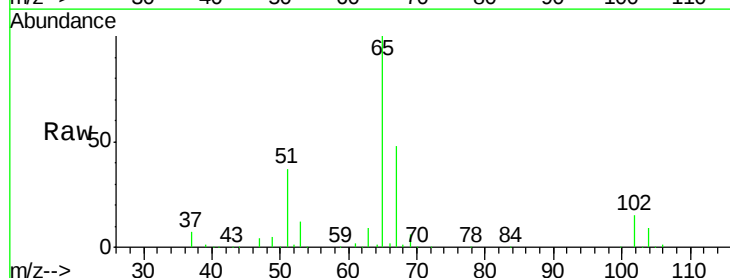
Acq: 7 Sep 2019 14:22

Tgt Ion: 65 Resp: 247630

Ion Ratio Lower Upper

65 100

67 48.3 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

120000

100000

80000

60000

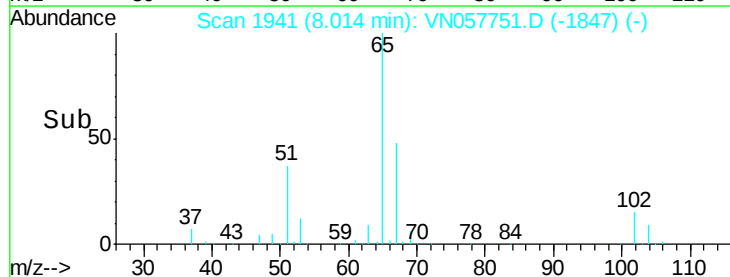
40000

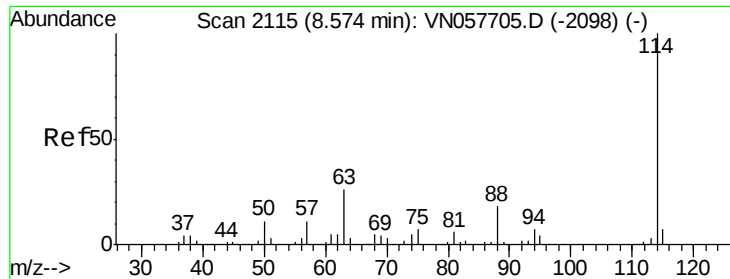
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057751.D

Acq: 7 Sep 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

T12-C1-(0)

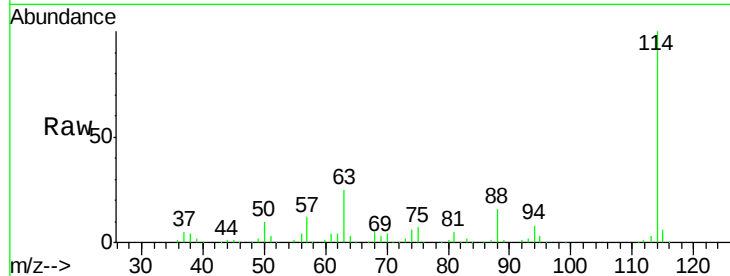
Tot Ion:114 Resp: 334658

Ion Ratio Lower Upper

114 100

63 25.3 0.0 52.4

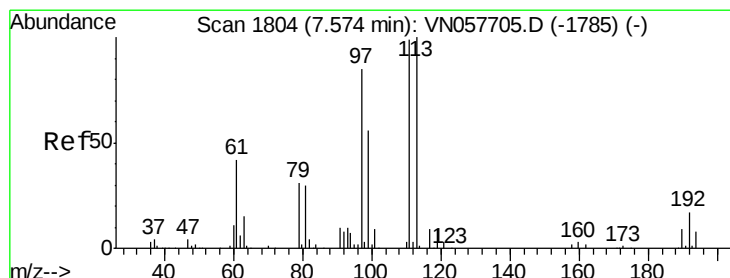
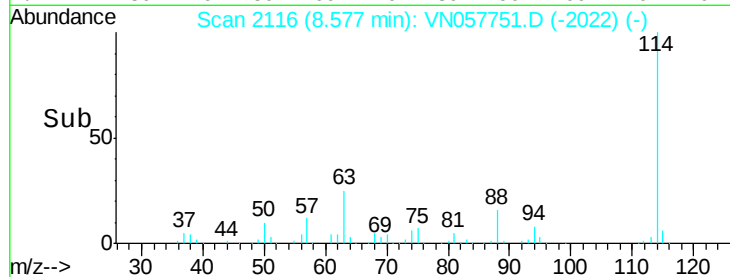
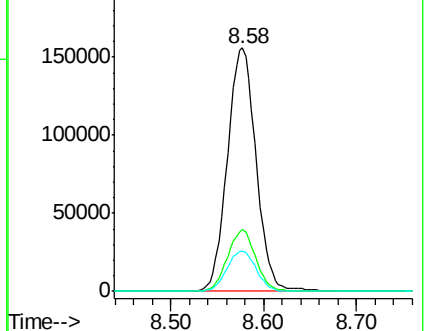
88 16.5 0.0 35.4



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: 49.548 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN057751.D

Acq: 7 Sep 2019 14:22

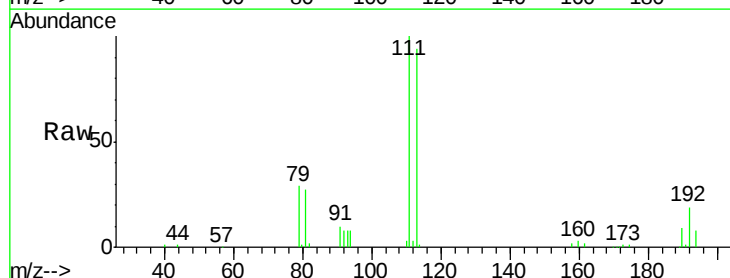
Tgt Ion:113 Resp: 151034

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

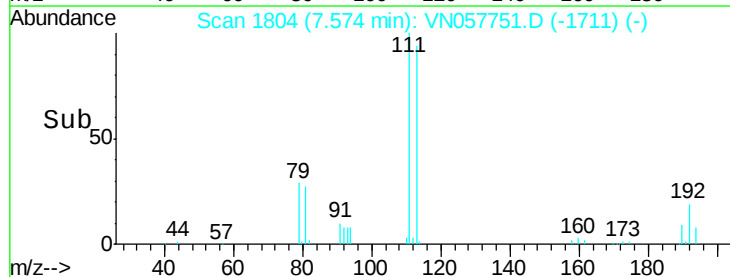
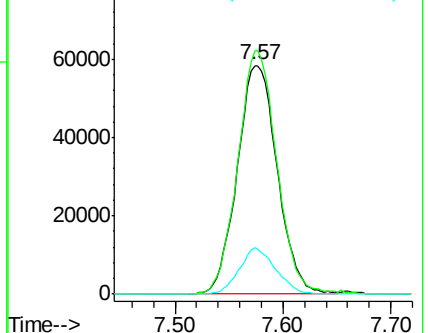
192 18.3 13.8 20.6

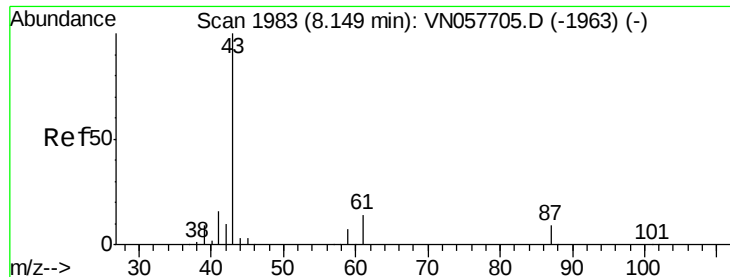


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.193 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057751.D

Acq: 7 Sep 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

T12-C1-(0)

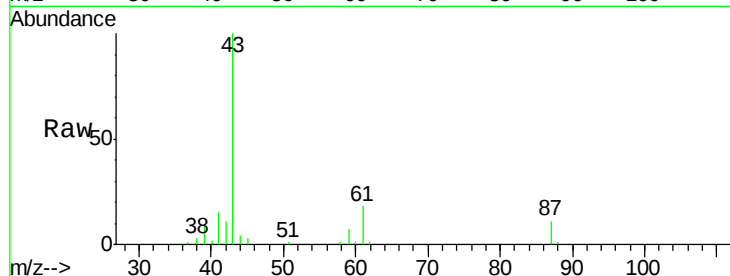
Tot Ion: 43 Resp: 61027

Ion Ratio Lower Upper

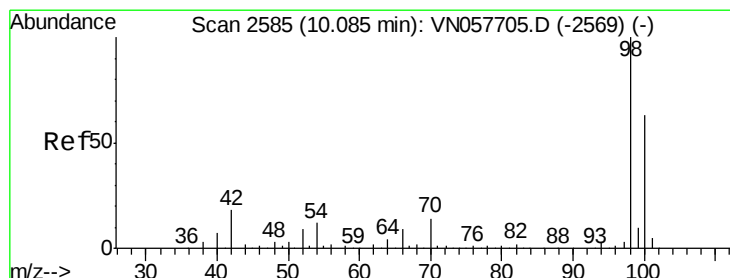
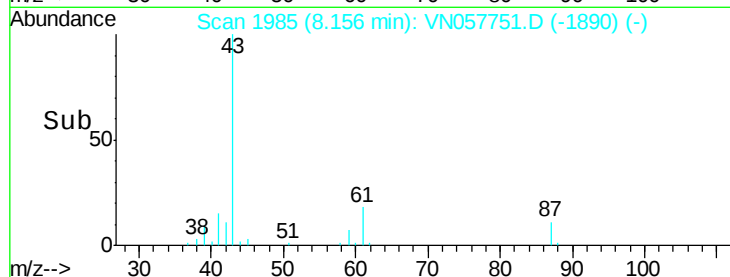
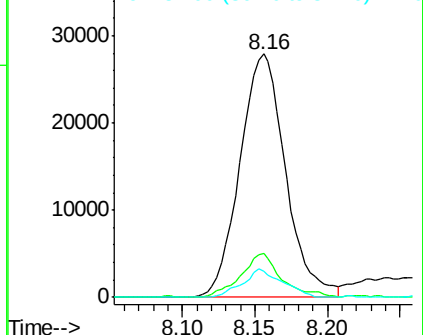
43 100

61 16.0 12.8 19.2

87 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#50

Toluene-d8

Concen: 51.414 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057751.D

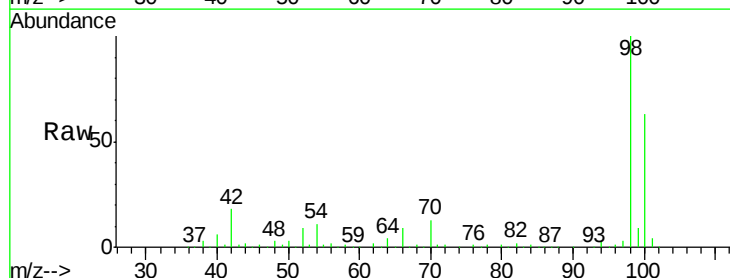
Acq: 7 Sep 2019 14:22

Tgt Ion: 98 Resp: 579749

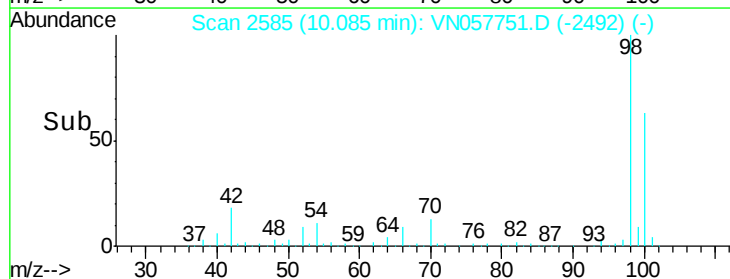
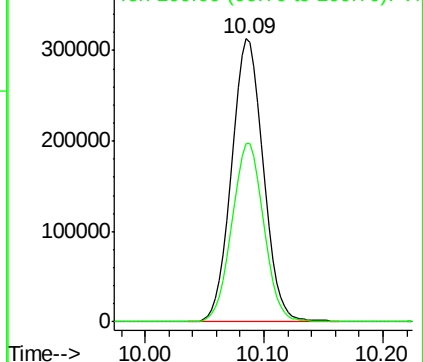
Ion Ratio Lower Upper

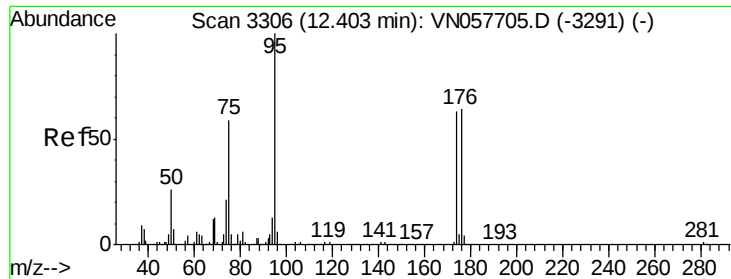
98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO

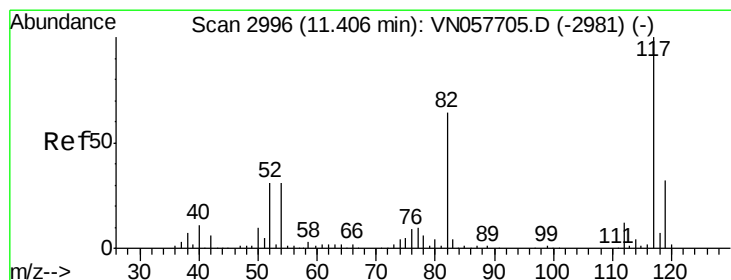
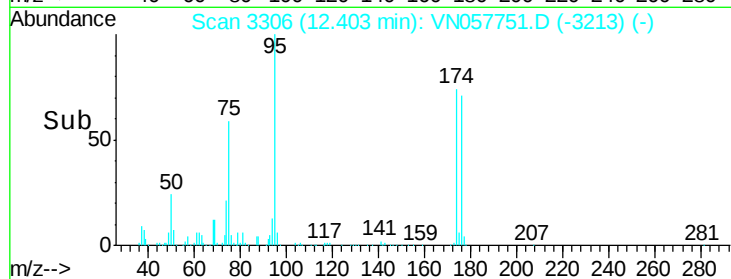
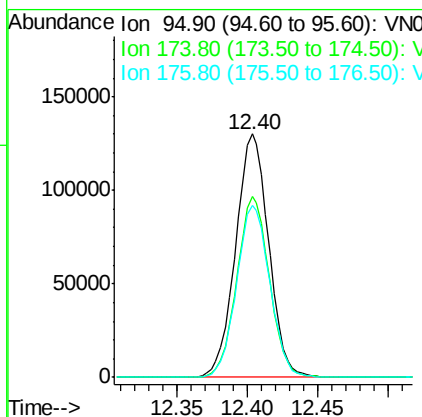
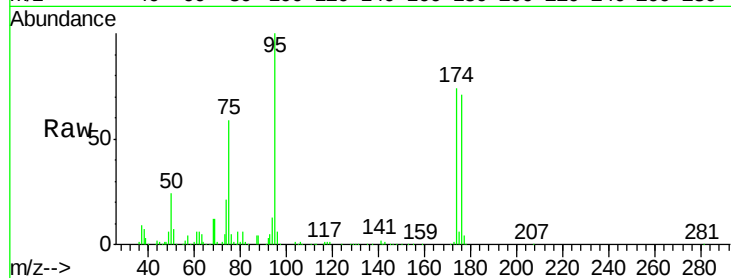




#62
4-Bromofluorobenzene
Concen: 45.702 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057751.D
Acq: 7 Sep 2019 14:22

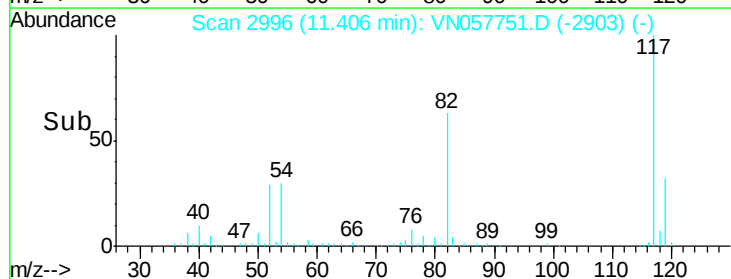
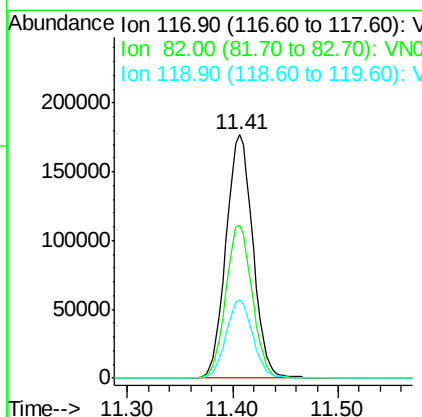
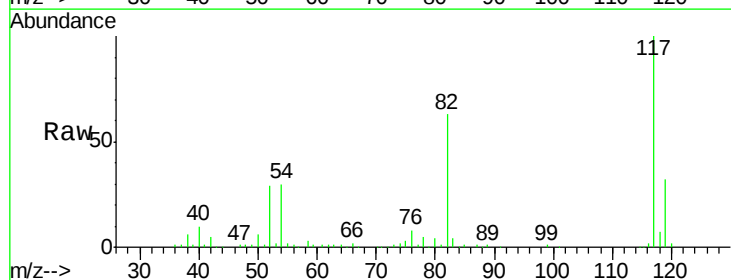
Instrument :
MSVOA_N
ClientSampleId :
T12-C1-(0)

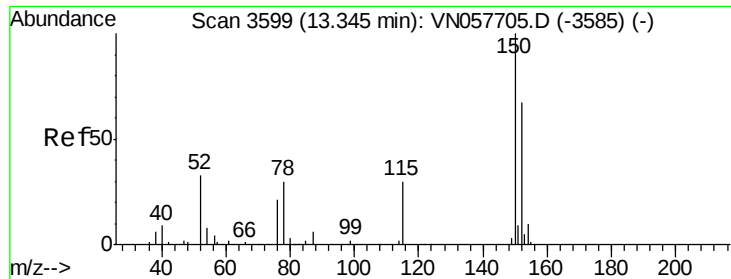
Tot Ion: 95 Resp: 214049
Ion Ratio Lower Upper
95 100
174 73.5 0.0 128.0
176 70.9 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057751.D
Acq: 7 Sep 2019 14:22

Tgt Ion: 117 Resp: 310842
Ion Ratio Lower Upper
117 100
82 62.7 51.4 77.0
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057751.D

Acq: 7 Sep 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

T12-C1-(0)

Tot Ion:152 Resp: 161113

Ion Ratio Lower Upper

152 100

115 64.5 33.8 101.3

150 156.7 0.0 345.4

