

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
 Data File : VN059532.D
 Acq On : 9 Dec 2019 16:57
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 10 02:23:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 09 18:16:25 2019
 Response via : Initial Calibration

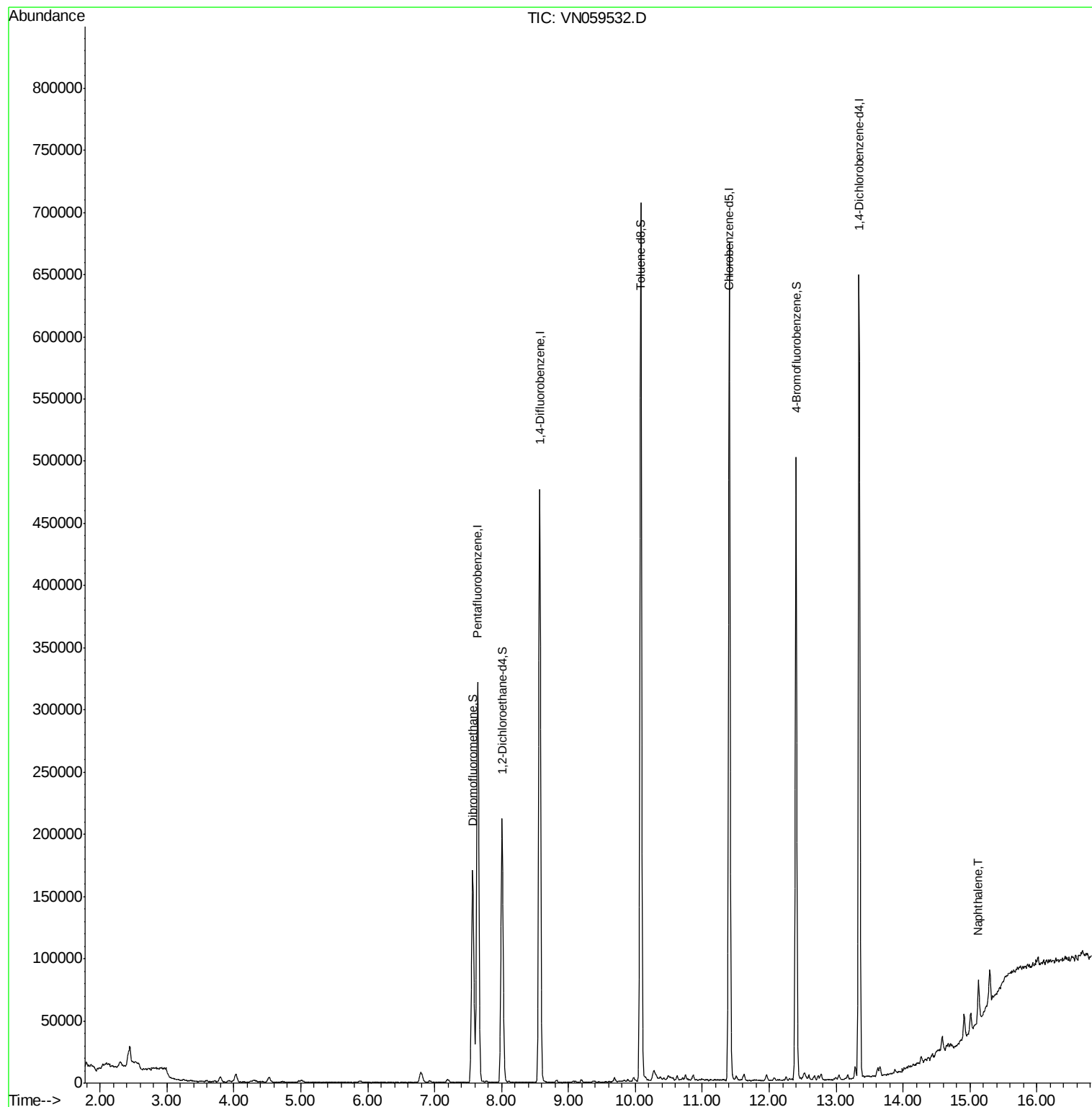
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	253775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	416032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	373592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	183932	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
35) Dibromofluoromethane	7.57	113	129382	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
50) Toluene-d8	10.08	98	488993	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	170787	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
95) Naphthalene	15.13	128	26109	5.524	ug/l	Qvalue 98

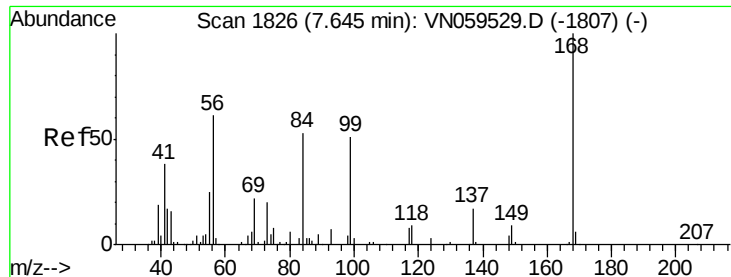
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 09 18:16:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059532.D

Acq: 9 Dec 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

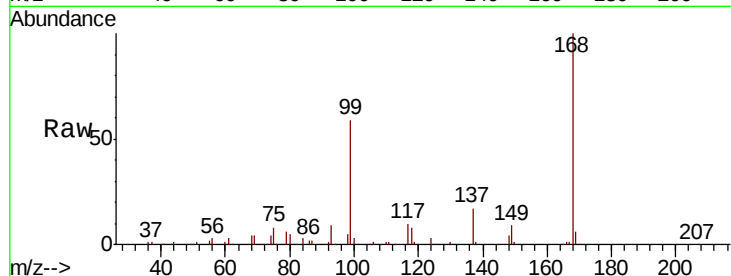
IBLK

Tot Ion:168 Resp: 253775

Ion Ratio Lower Upper

168 100

99 58.9 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

120000

100000

80000

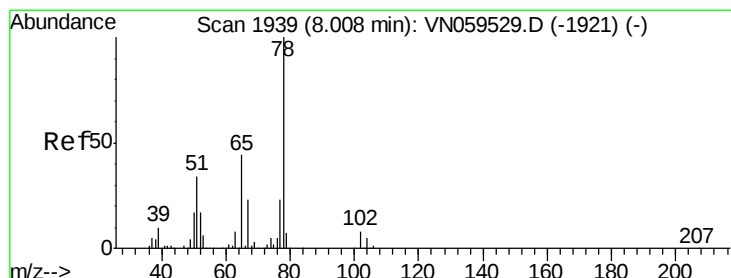
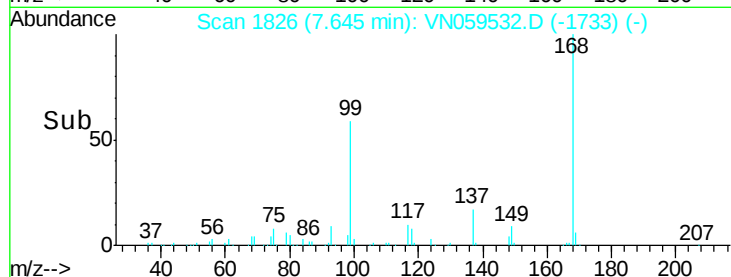
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.858 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN059532.D

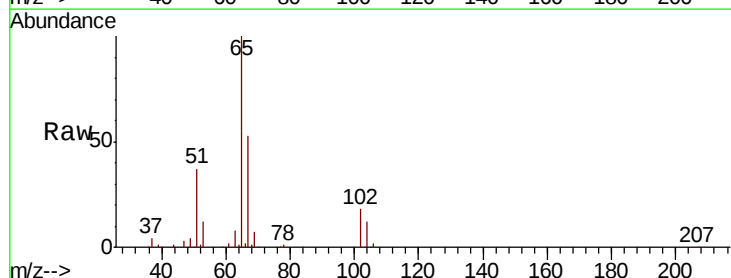
Acq: 9 Dec 2019 16:57

Tgt Ion: 65 Resp: 183932

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

80000

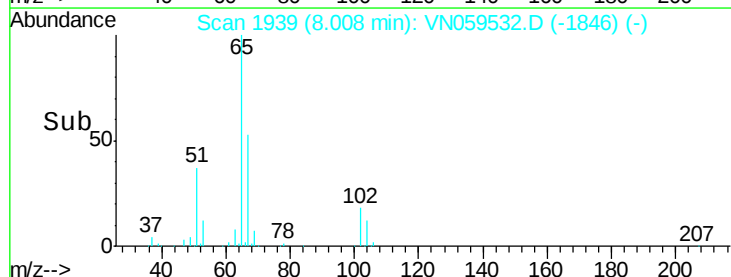
60000

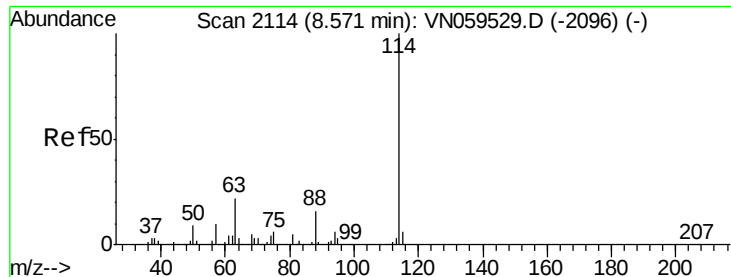
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN059532.D

Acq: 9 Dec 2019 16:57

Instrument :

MSVOA_N

ClientSampled :

IBLK

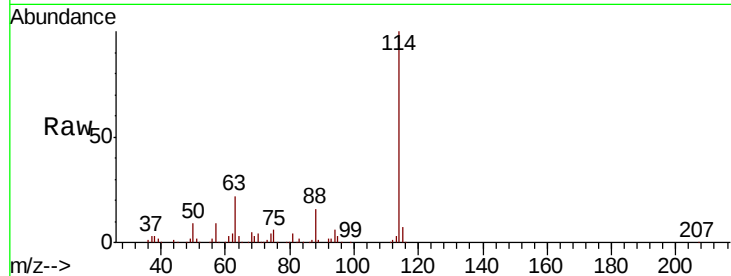
Tot Ion:114 Resp: 416032

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

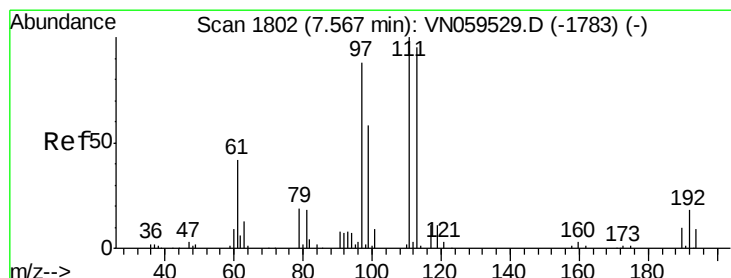
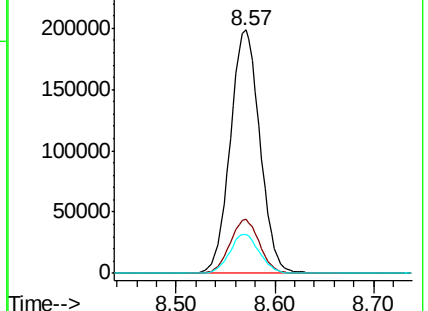
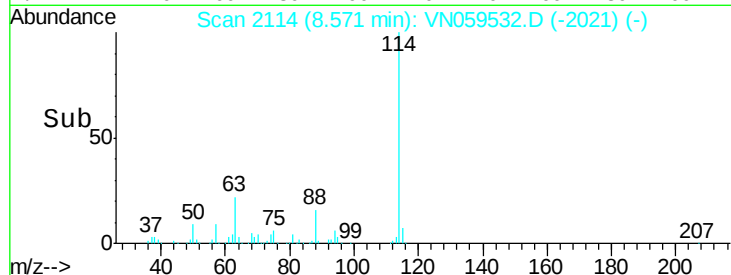
88 16.2 0.0 32.2



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: 52.115 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059532.D

Acq: 9 Dec 2019 16:57

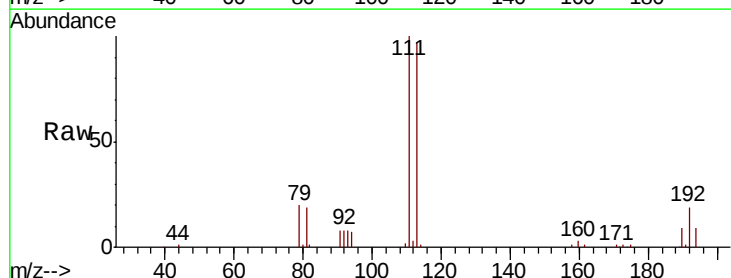
Tgt Ion:113 Resp: 129382

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

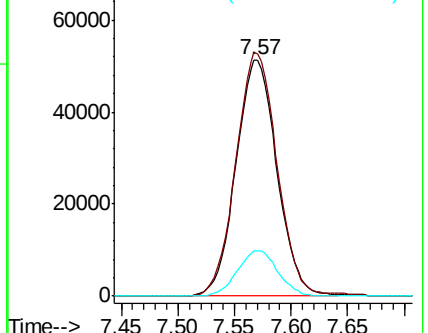
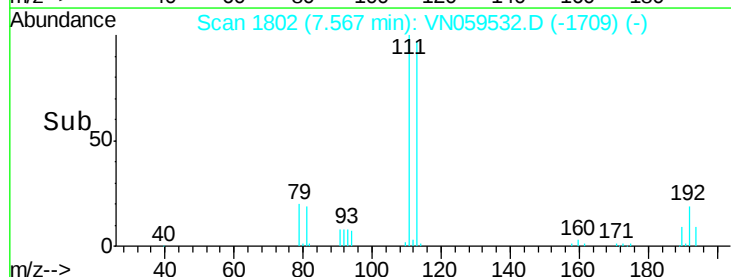
192 19.1 14.8 22.2

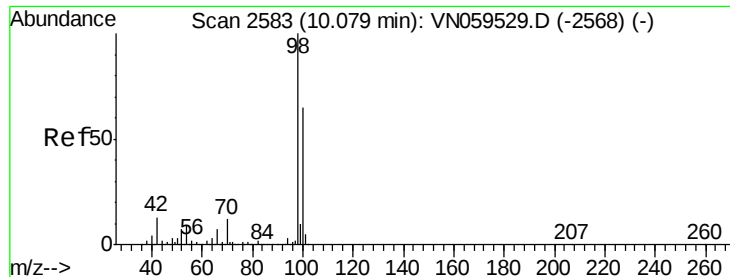


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.245 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059532.D

Acq: 9 Dec 2019 16:57

Instrument :

MSVOA_N

ClientSampled :

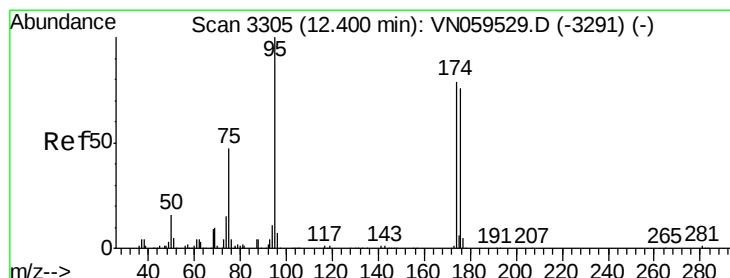
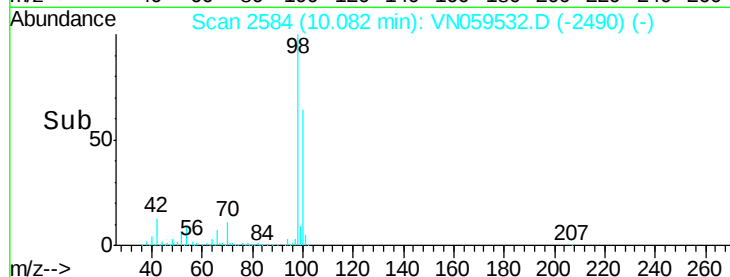
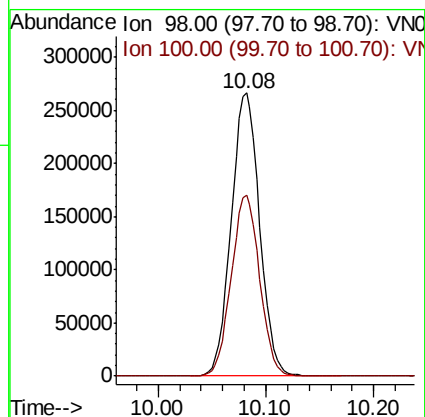
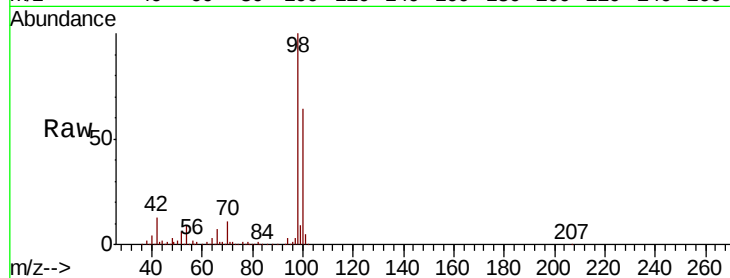
IBLK

Tot Ion: 98 Resp: 488993

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 45.521 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059532.D

Acq: 9 Dec 2019 16:57

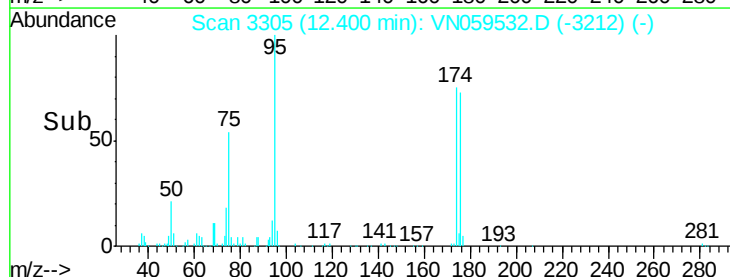
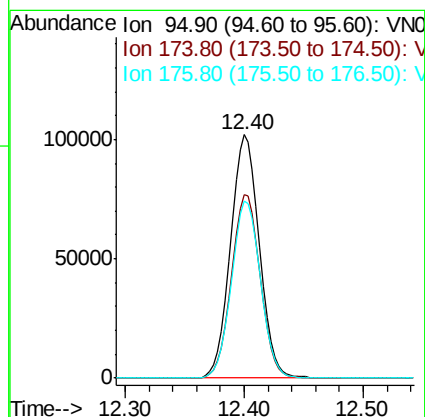
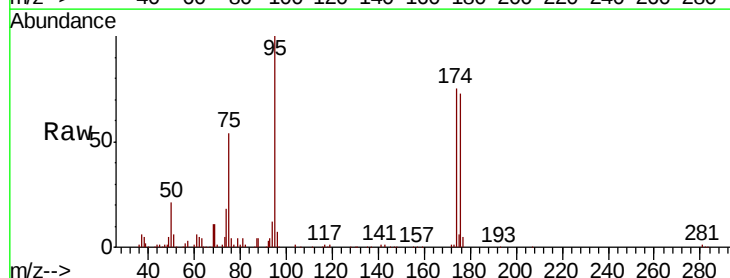
Tgt Ion: 95 Resp: 170787

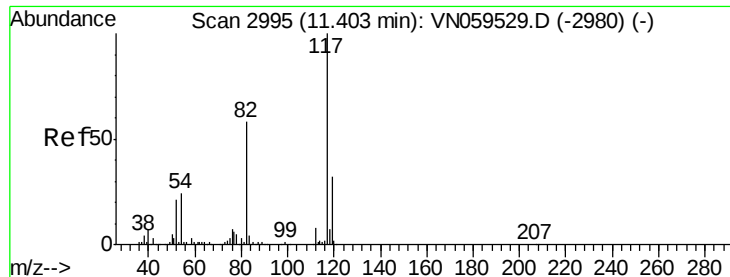
Ion Ratio Lower Upper

95 100

174 75.7 0.0 158.0

176 73.2 0.0 155.4

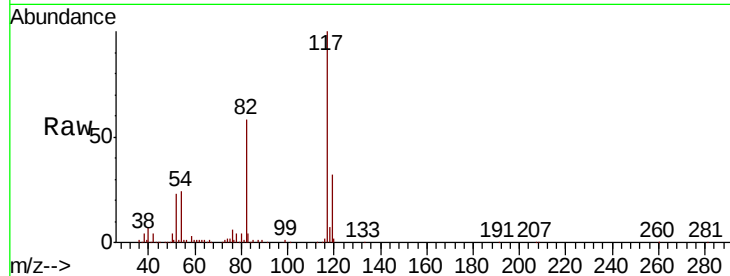




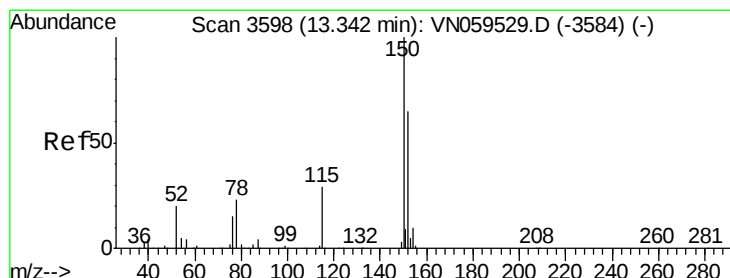
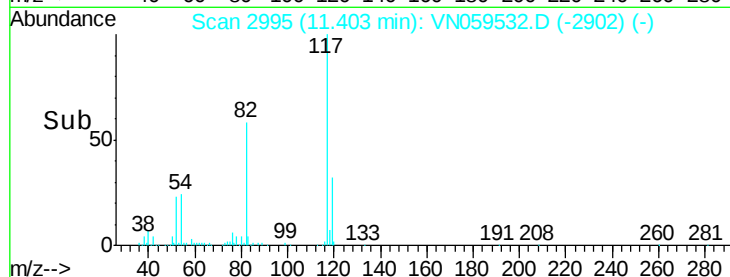
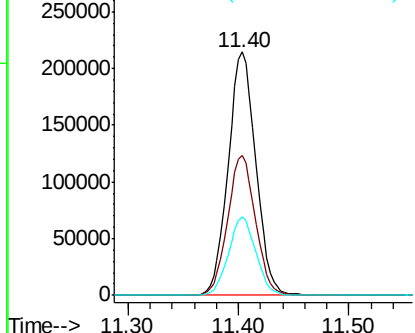
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059532.D
Acq: 9 Dec 2019 16:57

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:117 Resp: 373592
Ion Ratio Lower Upper
117 100
82 57.5 46.5 69.7
119 32.0 25.2 37.8

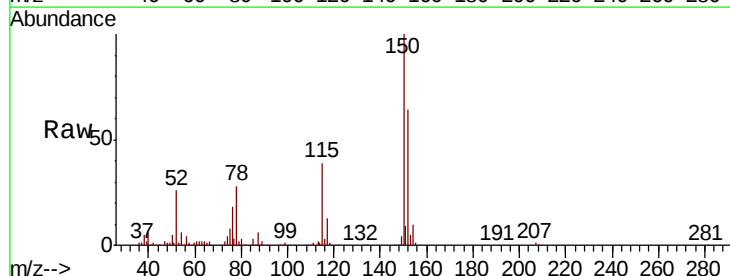


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

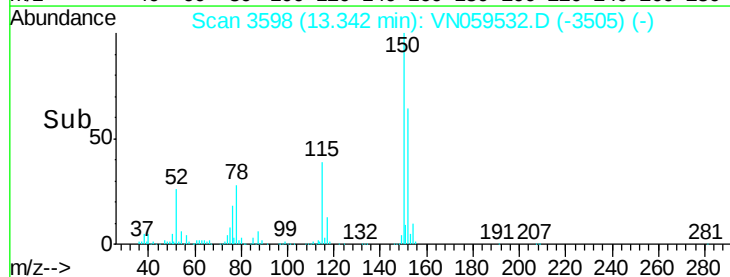
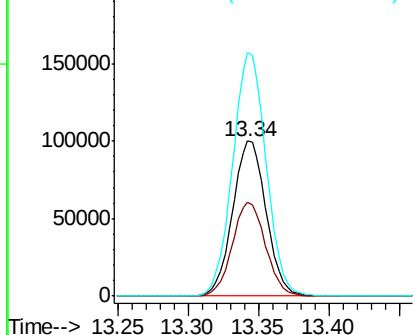


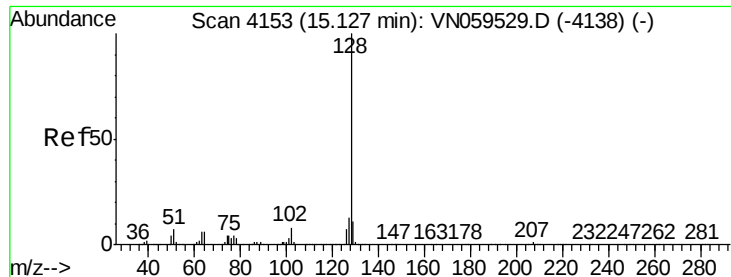
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059532.D
Acq: 9 Dec 2019 16:57

Tgt Ion:152 Resp: 166168
Ion Ratio Lower Upper
152 100
115 60.3 29.4 88.2
150 157.4 0.0 342.4



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





#95

Naphthalene

Concen: 5.524 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059532.D

Acq: 9 Dec 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

IBLK

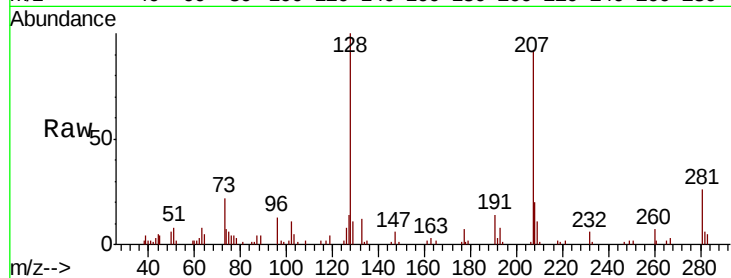
Tot Ion:128 Resp: 26109

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

