

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030520\
 Data File : VN060364.D
 Acq On : 5 Mar 2020 14:13
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 06 01:20:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137801	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125578	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.56	113	89604	60.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.12%	
50) Toluene-d8	10.08	98	395009	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.40	95	146549	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

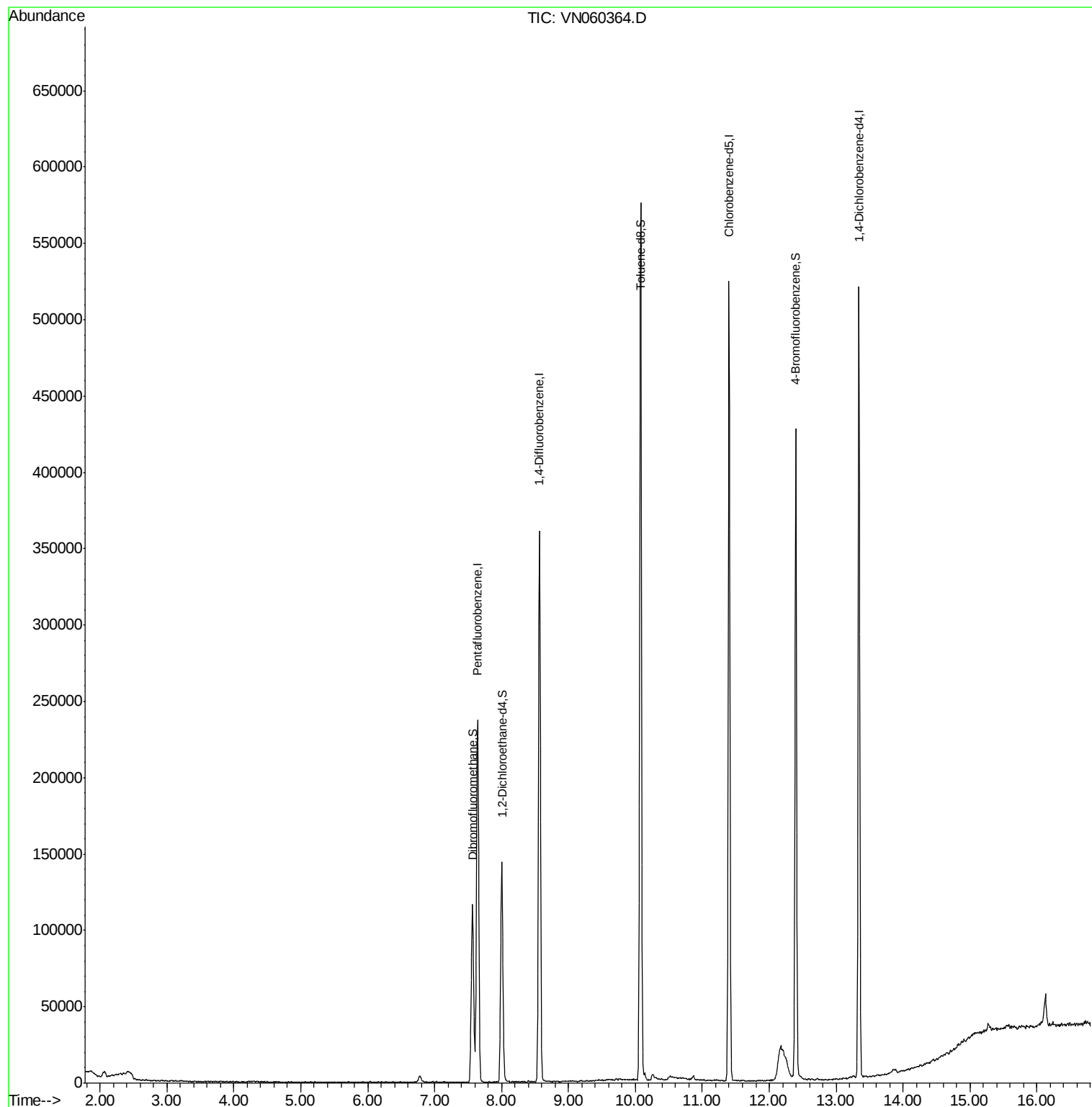
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060364.D

Acq: 5 Mar 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

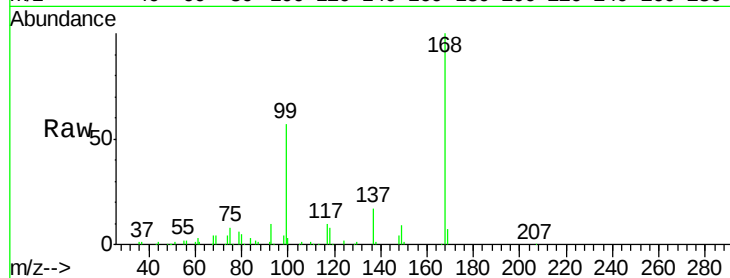
IBLK

Tot Ion:168 Resp: 198050

Ion Ratio Lower Upper

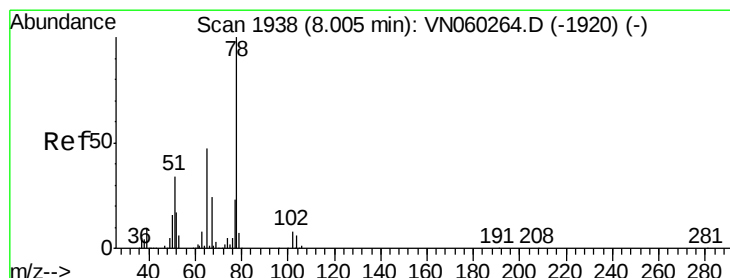
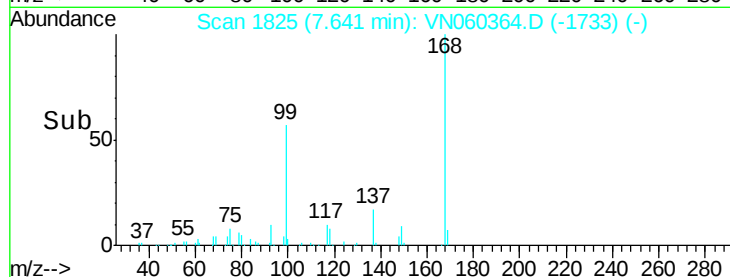
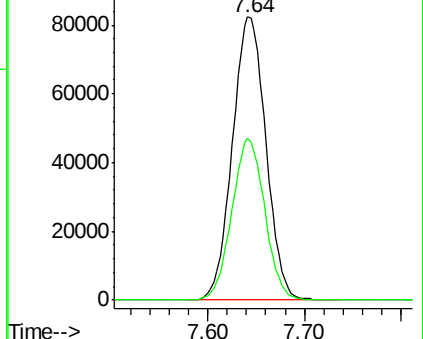
168 100

99 57.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.420 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060364.D

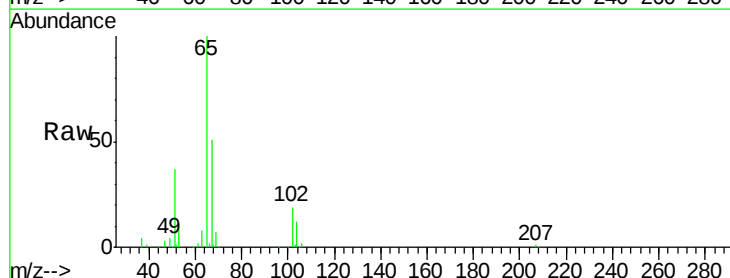
Acq: 5 Mar 2020 14:13

Tgt Ion: 65 Resp: 125578

Ion Ratio Lower Upper

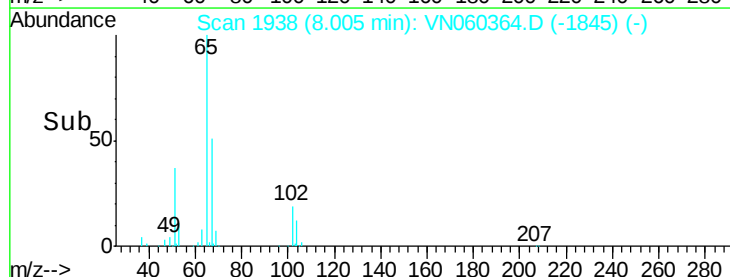
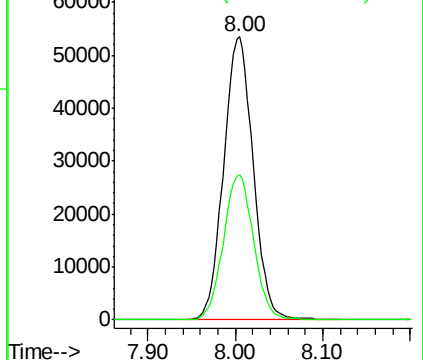
65 100

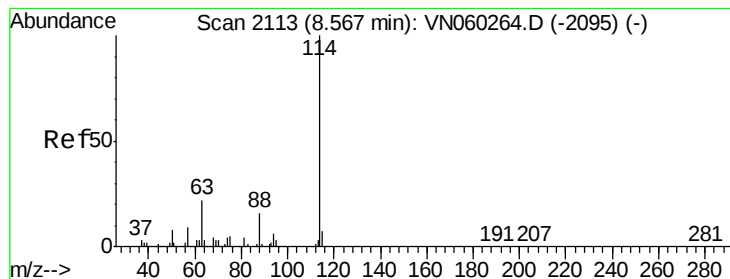
67 52.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060364.D

Acq: 5 Mar 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

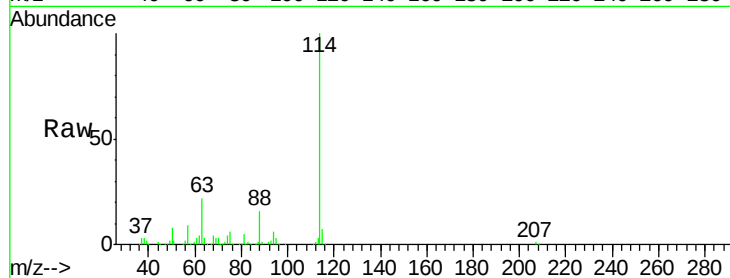
Tot Ion:114 Resp: 318745

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

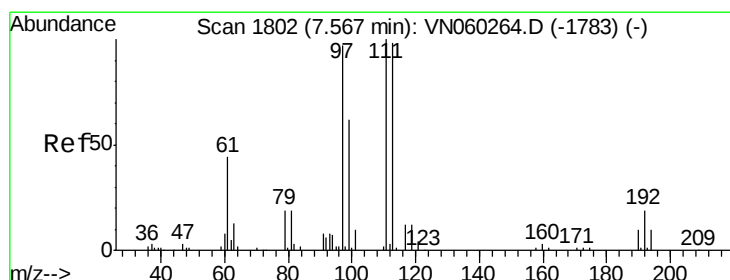
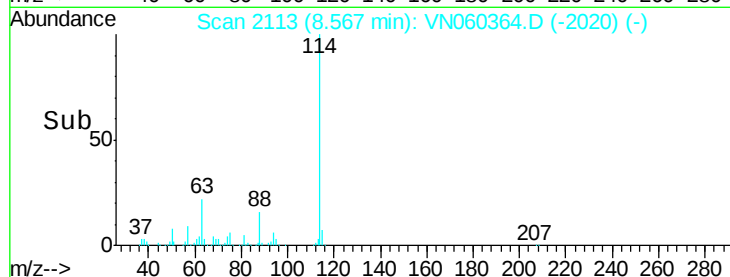
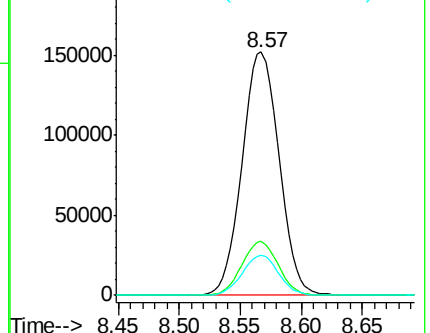
88 16.4 0.0 31.6



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: 60.563 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060364.D

Acq: 5 Mar 2020 14:13

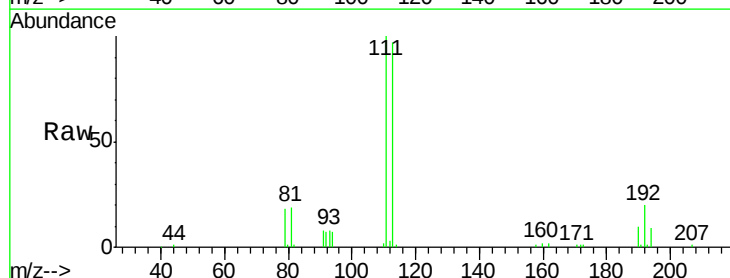
Tgt Ion:113 Resp: 89604

Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

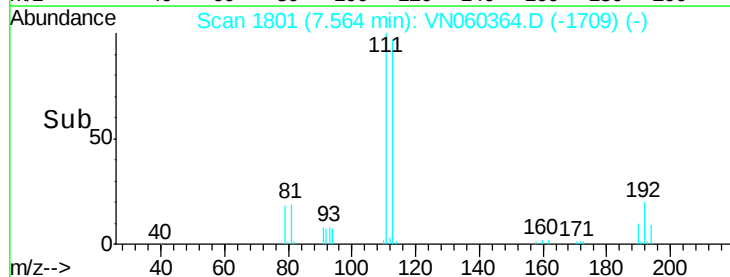
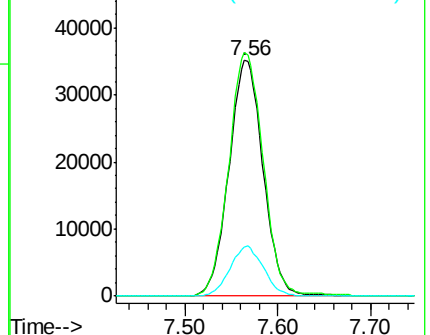
192 20.6 16.2 24.2

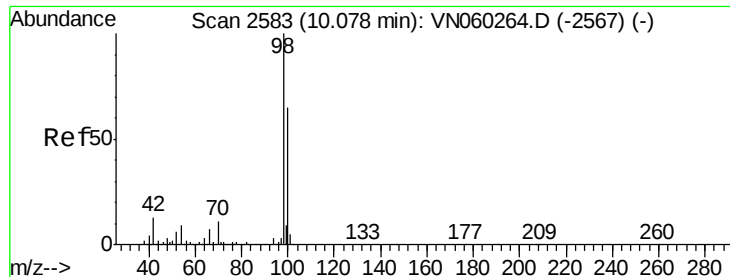


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.752 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060364.D

Acq: 5 Mar 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

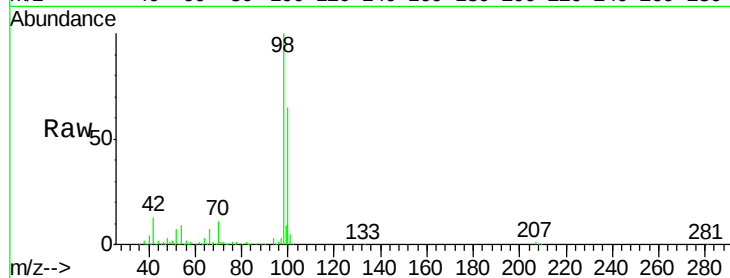
IBLK

Tot Ion: 98 Resp: 395009

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060364.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060364.D (-2567) (-)

10.08

250000

200000

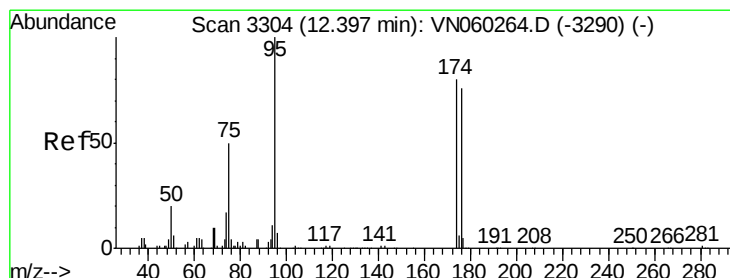
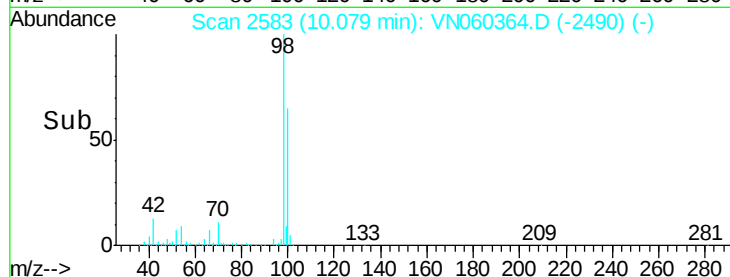
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.629 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060364.D

Acq: 5 Mar 2020 14:13

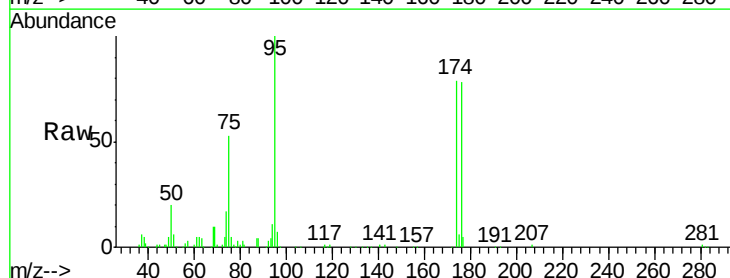
Tgt Ion: 95 Resp: 146549

Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.2

176 77.9 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060364.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060364.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060364.D (-3290) (-)

12.40

120000

100000

80000

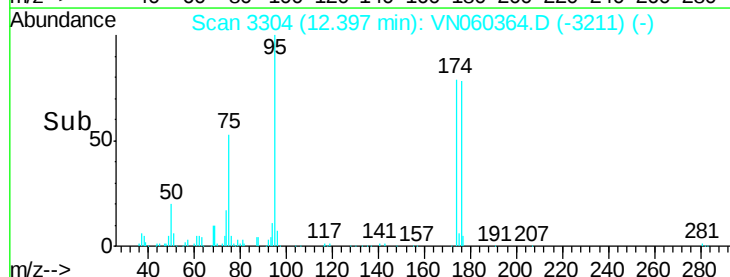
60000

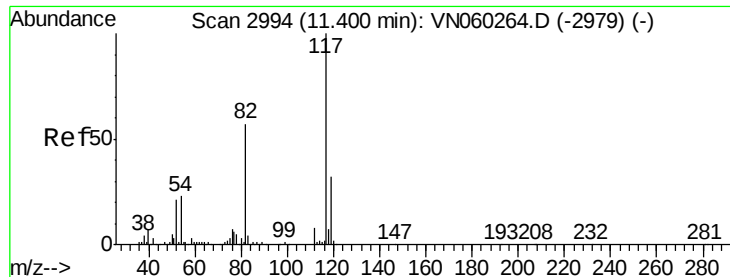
40000

20000

0

Time-->

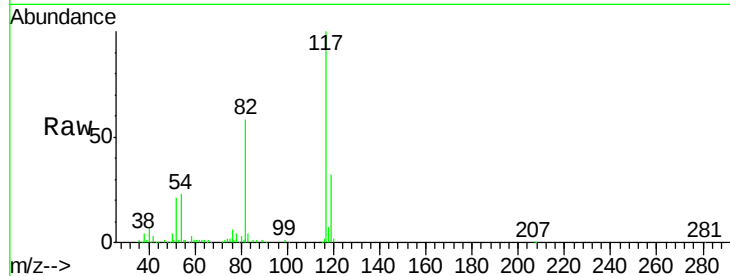




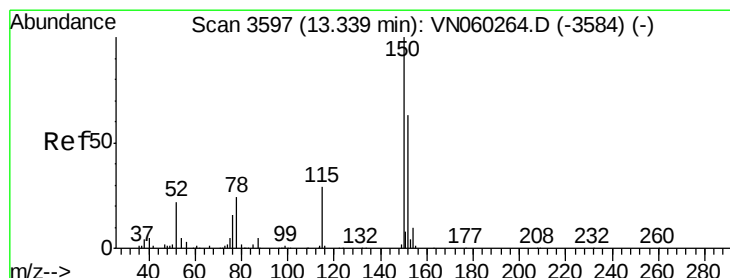
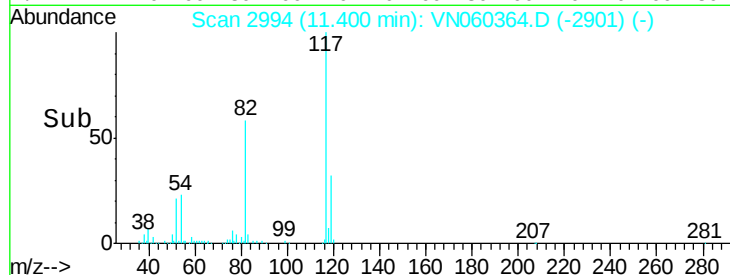
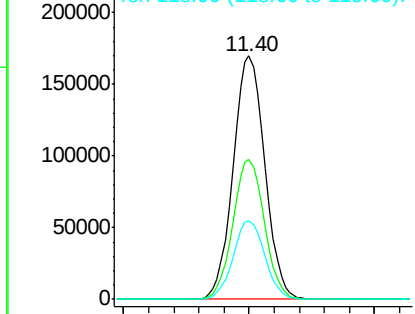
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060364.D
Acq: 5 Mar 2020 14:13

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:117 Resp: 298128
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 32.4 25.8 38.8

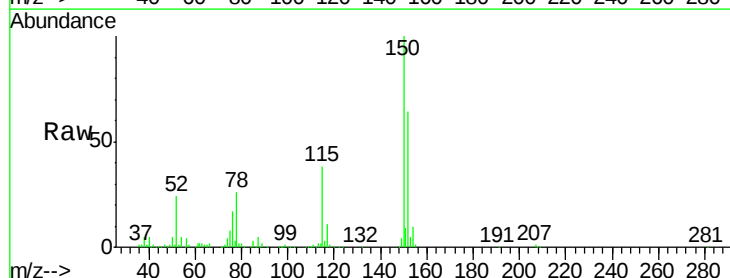


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060364.D
Acq: 5 Mar 2020 14:13

Tgt Ion:152 Resp: 137801
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 157.6 0.0 349.6



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

