

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057261.D
 Acq On : 13 Aug 2019 21:26
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Aug 14 12:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 11:11:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1463594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2051579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1703319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	436076	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	684840	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	7.59	113	622930	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	10.09	98	2355271	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	632420	38.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.20%	

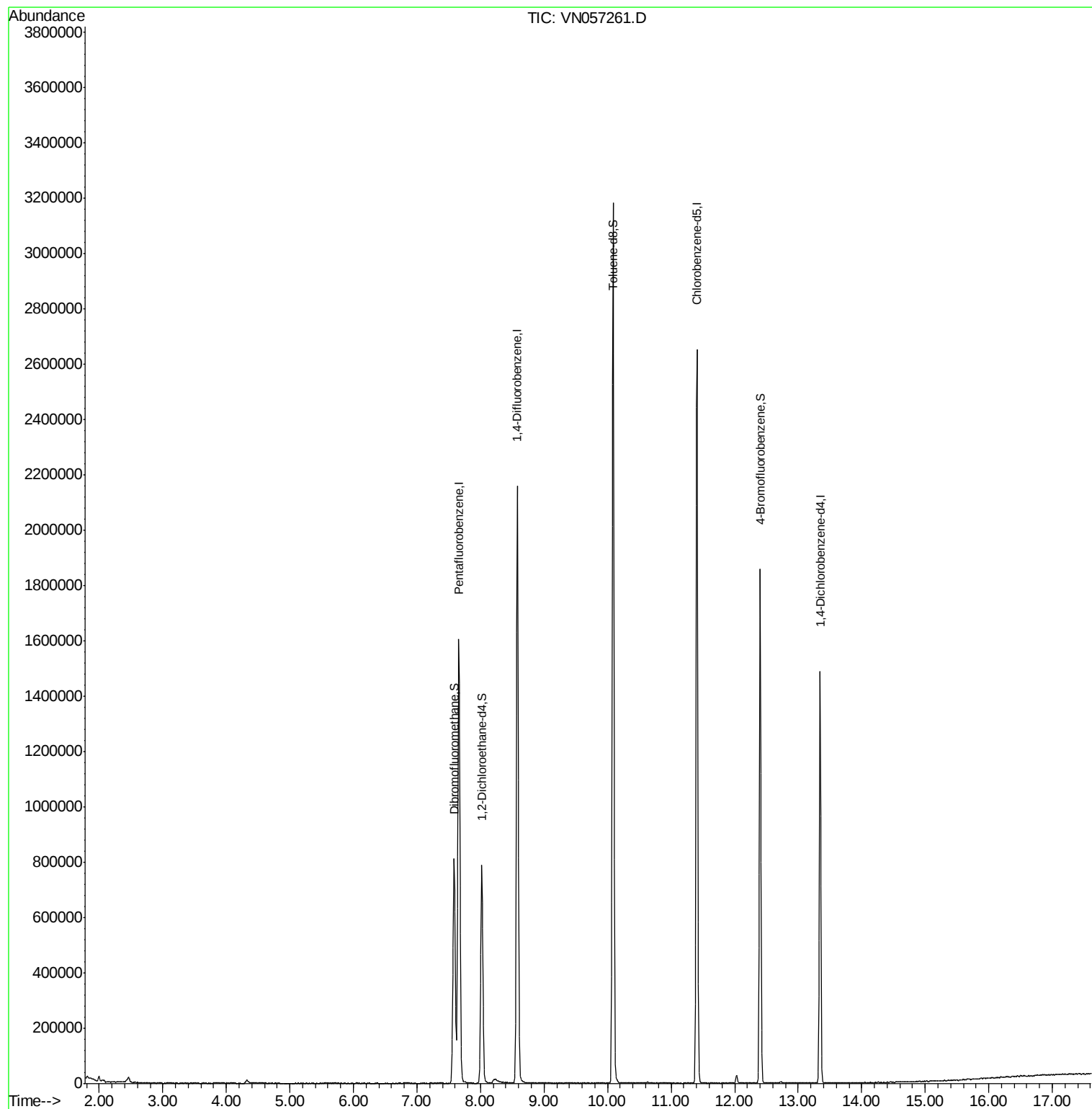
Target Compounds	Qvalue

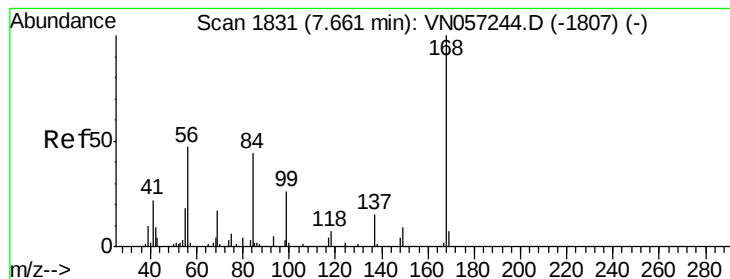
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 14 11:11:44 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057261.D

Acq: 13 Aug 2019 21:26

Instrument :

MSVOA_N

ClientSampleId :

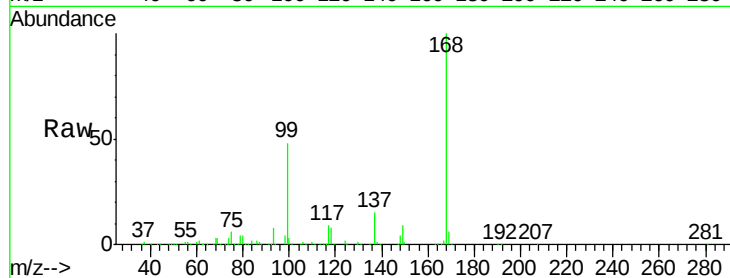
I.BLK

Tot Ion:168 Resp: 1463594

Ion Ratio Lower Upper

168 100

99 48.4 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): VN057244.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN057244.D (-1807) (-)

7.66

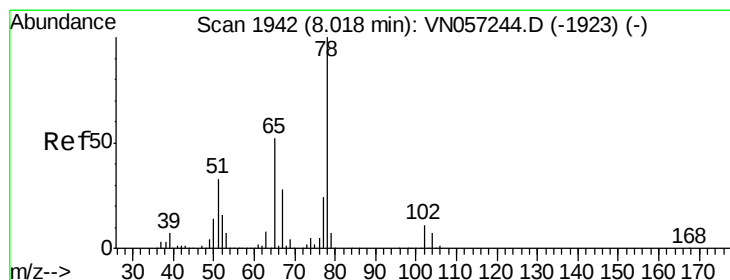
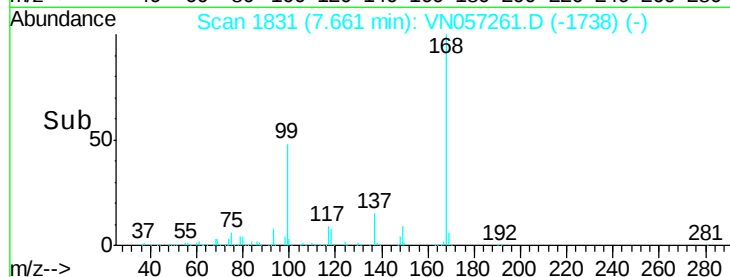
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.385 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057261.D

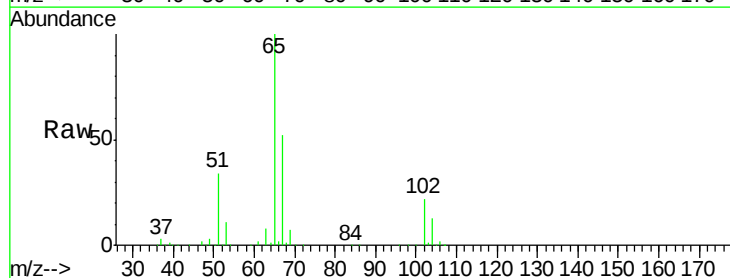
Acq: 13 Aug 2019 21:26

Tgt Ion: 65 Resp: 684840

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN057244.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057244.D (-1923) (-)

8.02

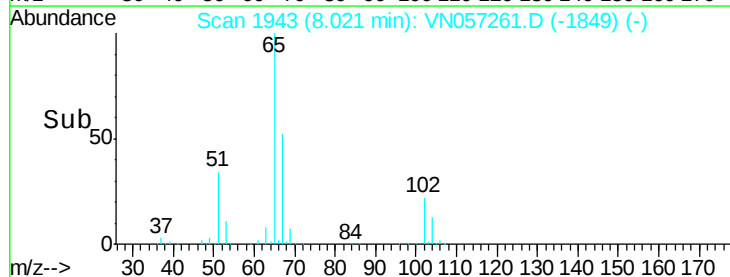
300000

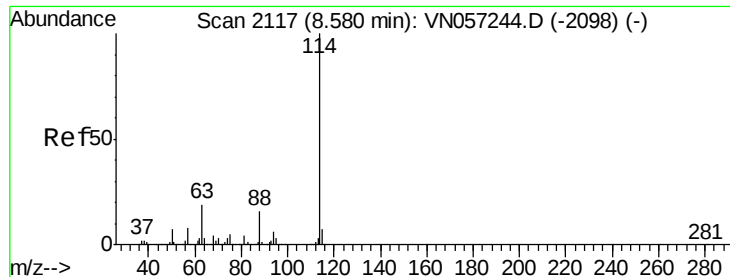
200000

100000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057261.D

Acq: 13 Aug 2019 21:26

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

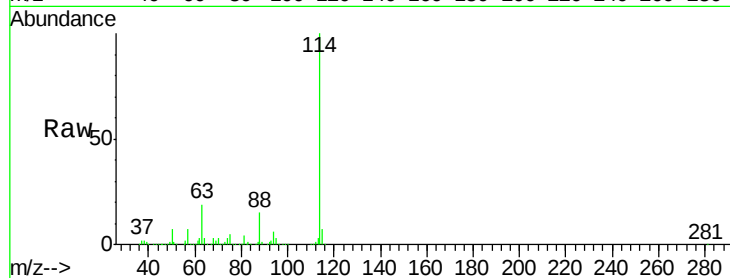
Tot Ion:114 Resp: 2051579

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

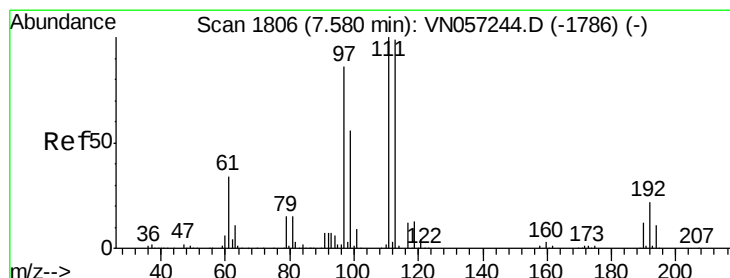
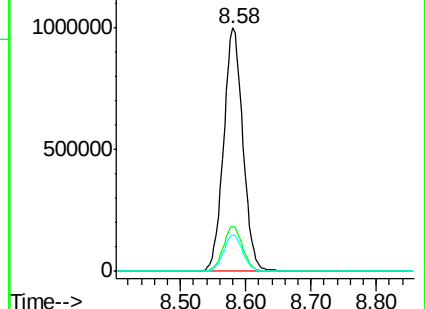
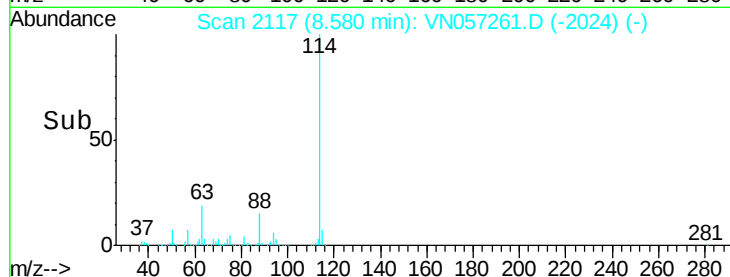
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.553 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN057261.D

Acq: 13 Aug 2019 21:26

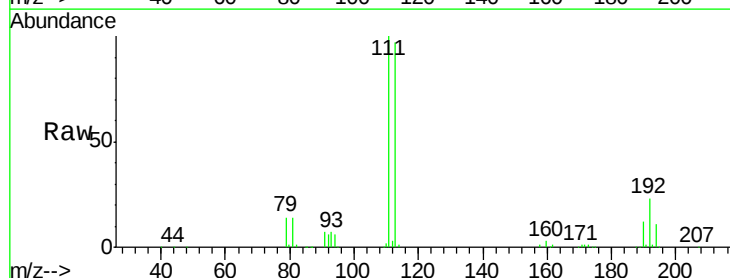
Tgt Ion:113 Resp: 622930

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

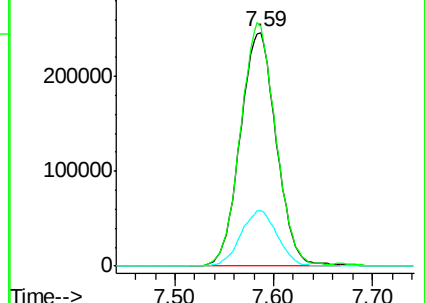
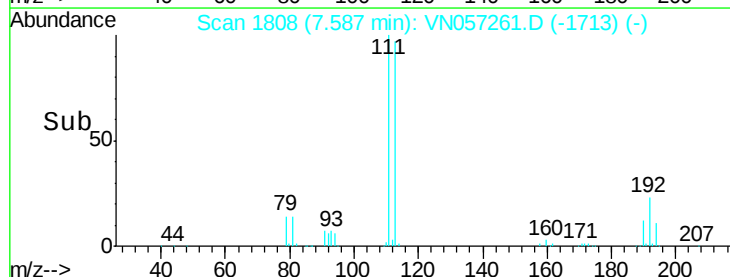
192 24.0 18.8 28.2

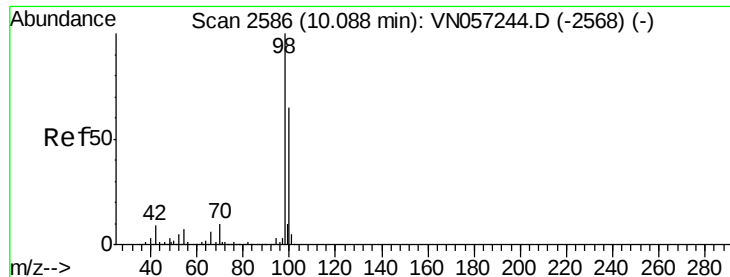


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.294 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057261.D

Acq: 13 Aug 2019 21:26

Instrument :

MSVOA_N

ClientSampled :

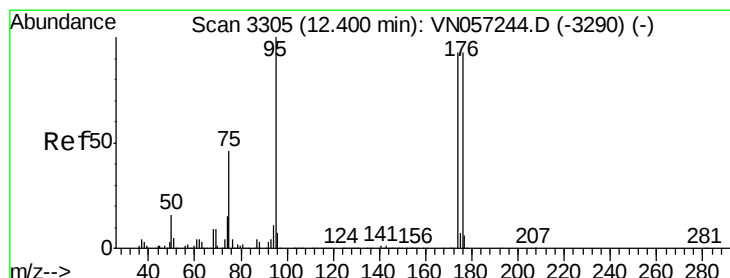
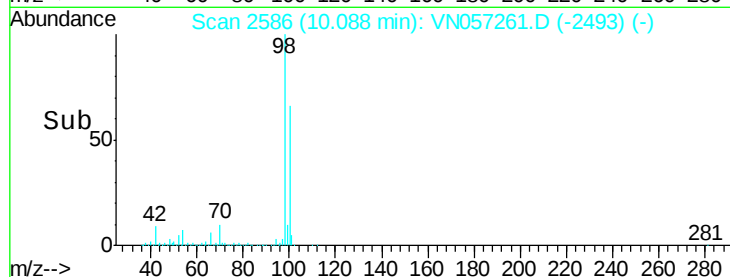
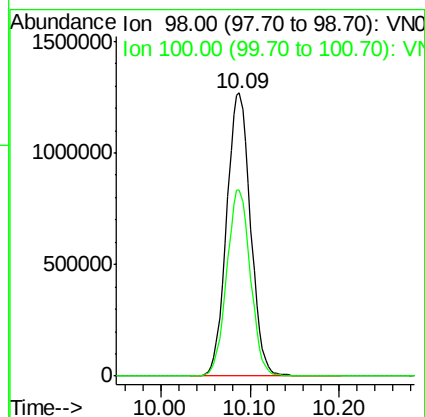
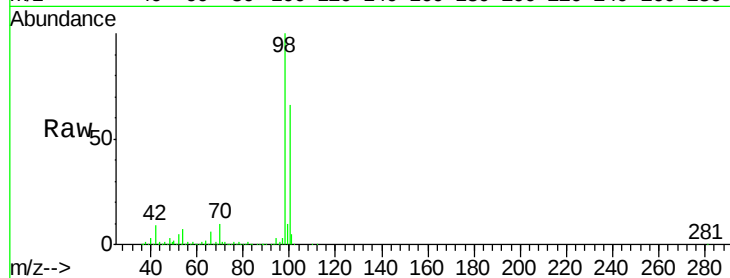
I.BLK

Tot Ion: 98 Resp: 2355271

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 38.596 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057261.D

Acq: 13 Aug 2019 21:26

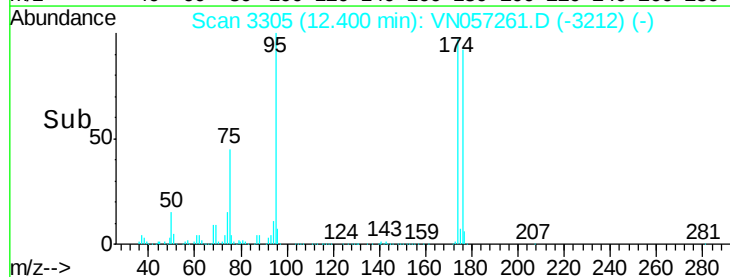
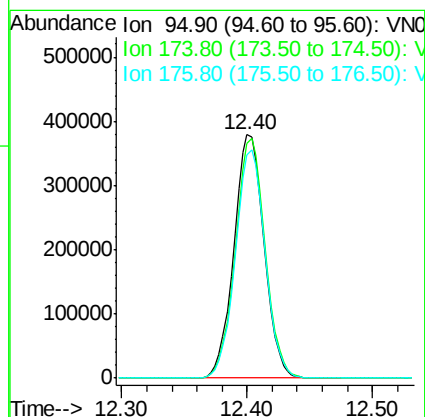
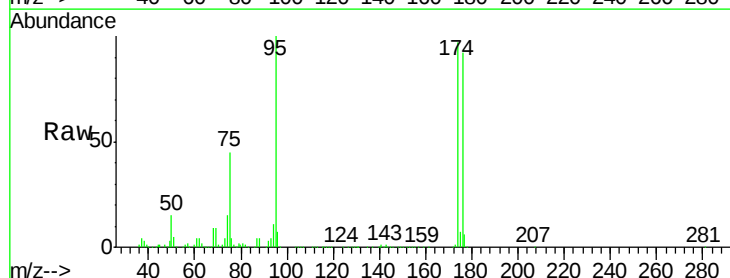
Tgt Ion: 95 Resp: 632420

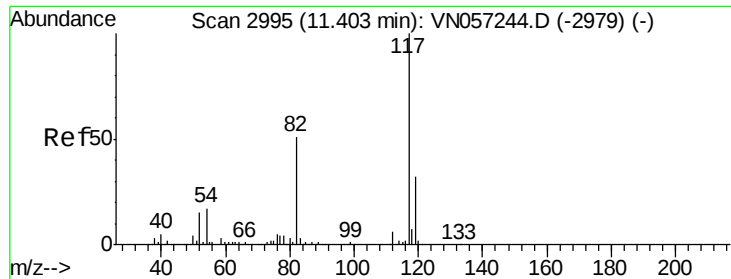
Ion Ratio Lower Upper

95 100

174 97.2 0.0 187.6

176 92.7 0.0 185.8

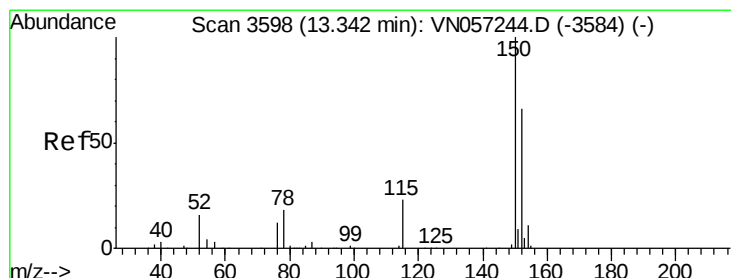
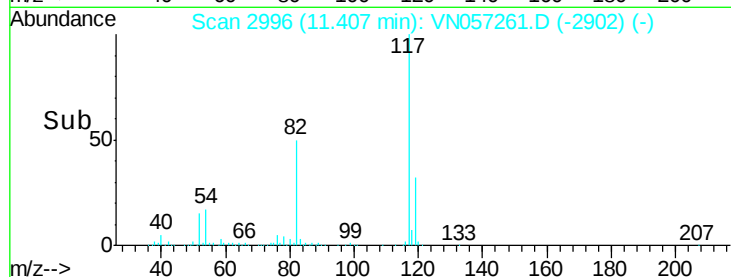
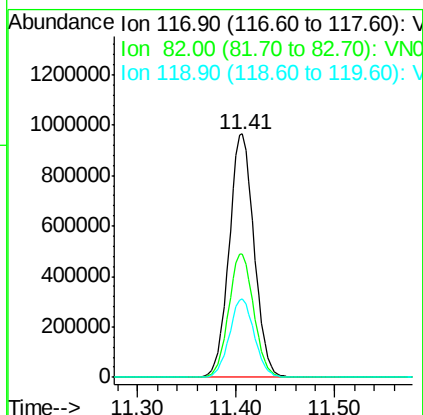
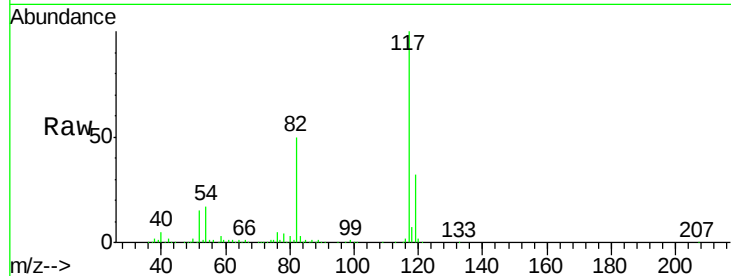




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057261.D
Acq: 13 Aug 2019 21:26

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:117 Resp: 1703319
Ion Ratio Lower Upper
117 100
82 50.5 40.9 61.3
119 32.3 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: VN057261.D
Acq: 13 Aug 2019 21:26

Tgt Ion:152 Resp: 436076
Ion Ratio Lower Upper
152 100
115 54.9 27.6 82.8
150 158.0 0.0 348.4

