

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054507.D
 Acq On : 21 Mar 2019 13:24
 Operator : JC/SP
 Sample : VN0321WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBL01

Quant Time: Mar 22 10:20:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	710634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	881825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	316213	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	415519	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	7.59	113	332535	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.09	98	1268345	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	384820	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	

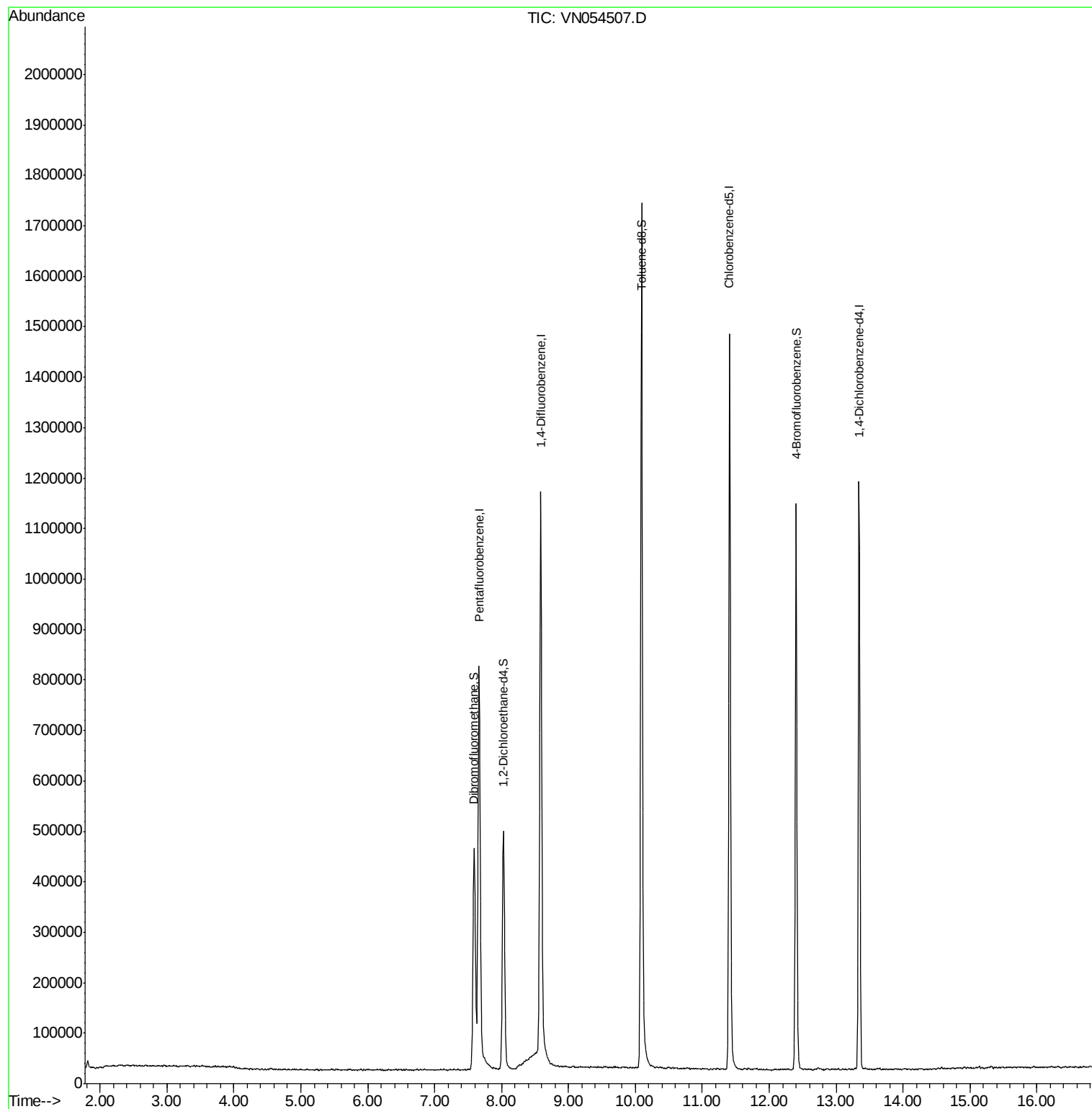
Target Compounds	Qvalue

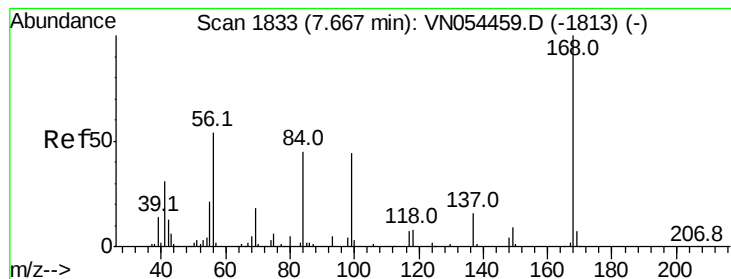
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 02:09:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054507.D

Acq: 21 Mar 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

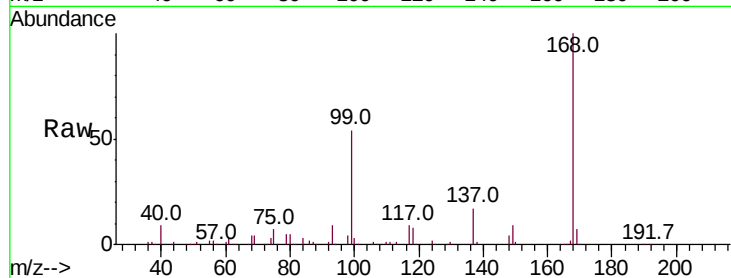
VN0321WBL01

Tot Ion:168 Resp: 710634

Ion Ratio Lower Upper

168 100

99 53.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

300000

250000

200000

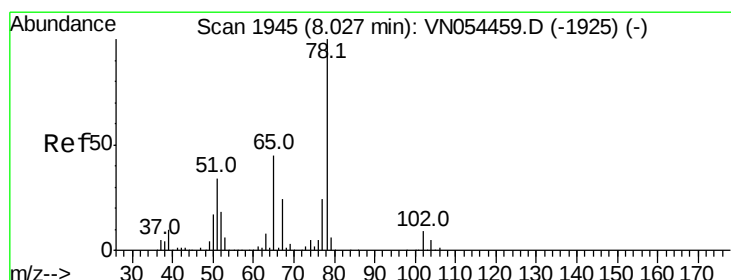
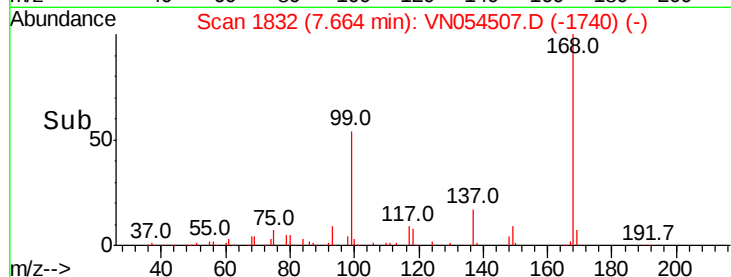
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.009 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054507.D

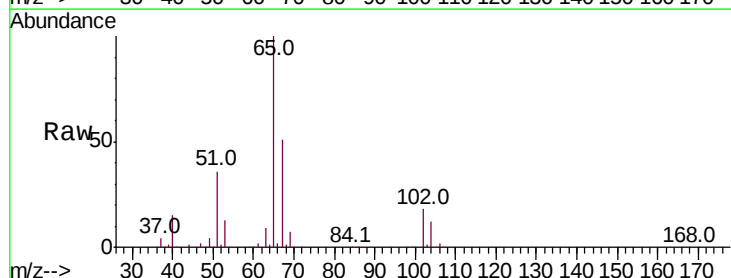
Acq: 21 Mar 2019 13:24

Tgt Ion: 65 Resp: 415519

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

200000

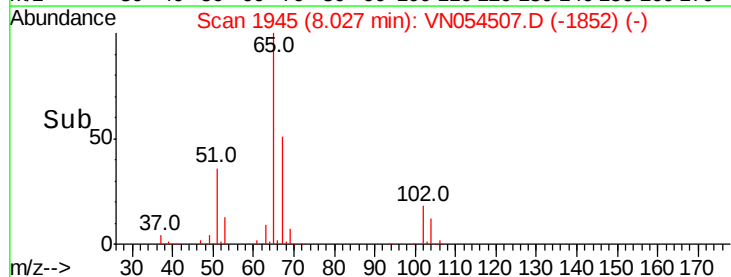
150000

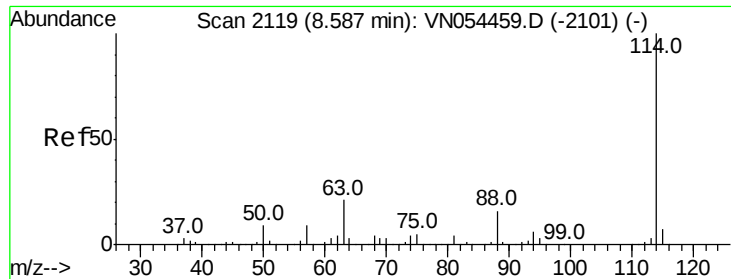
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054507.D

Acq: 21 Mar 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBL01

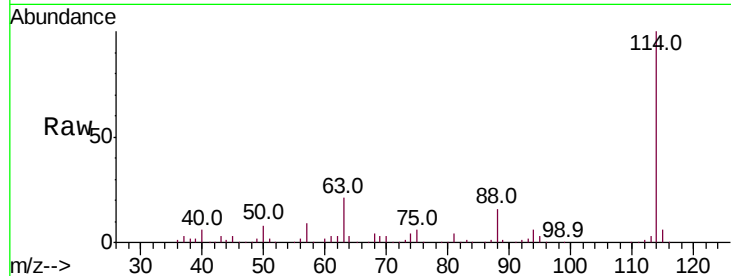
Tot Ion:114 Resp: 1071521

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.2

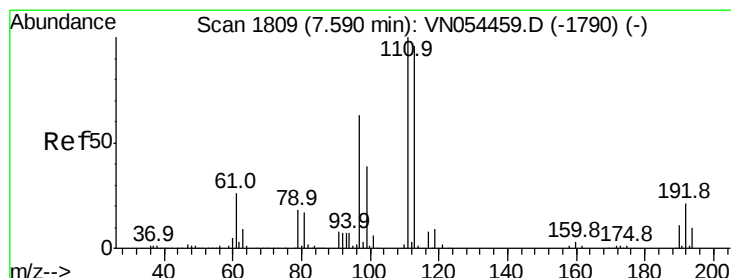
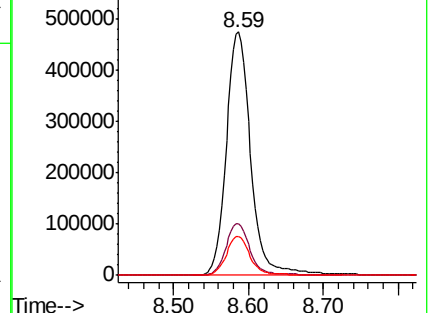
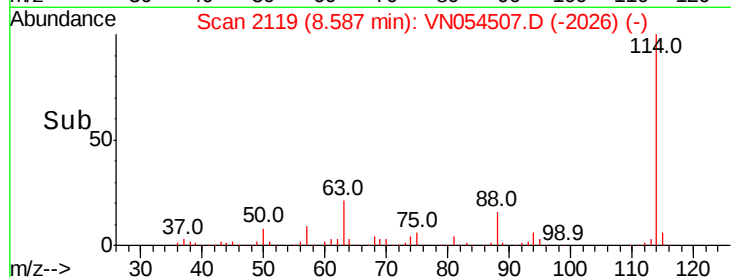
88 16.0 0.0 30.2



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: 48.171 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054507.D

Acq: 21 Mar 2019 13:24

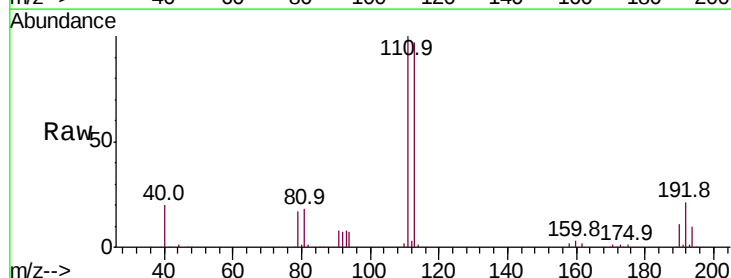
Tgt Ion:113 Resp: 332535

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

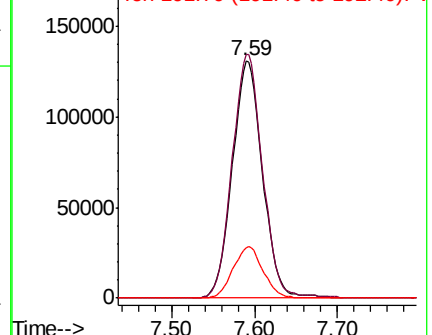
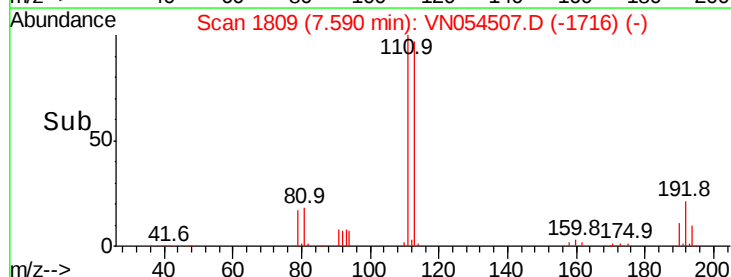
192 21.4 19.2 28.8

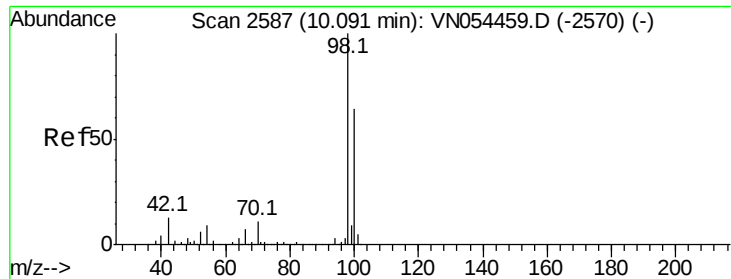


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.873 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054507.D

Acq: 21 Mar 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

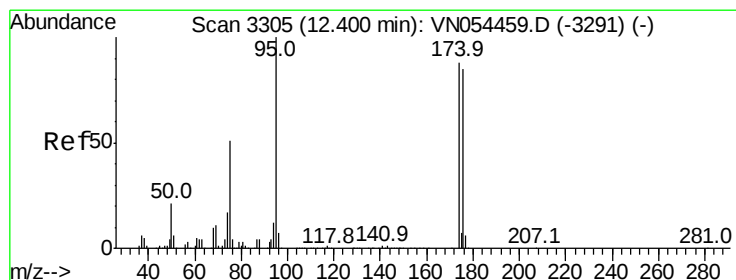
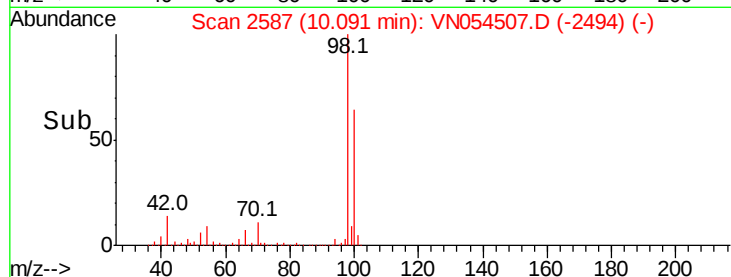
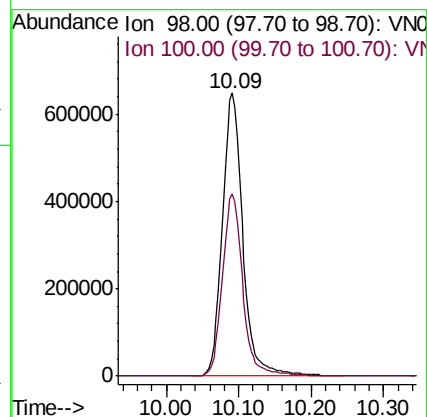
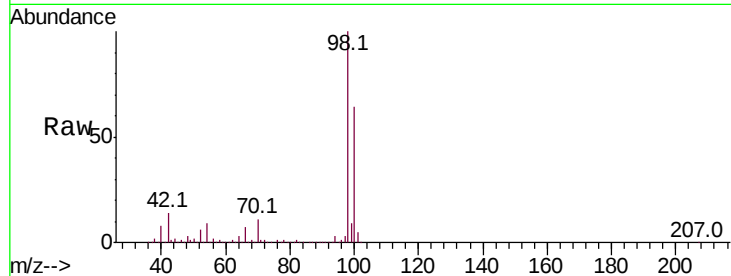
VN0321WBL01

Tot Ion: 98 Resp: 1268345

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.576 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054507.D

Acq: 21 Mar 2019 13:24

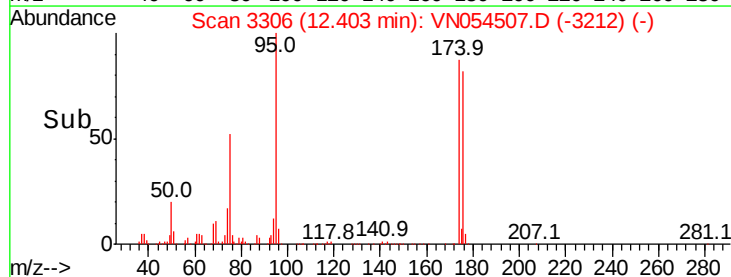
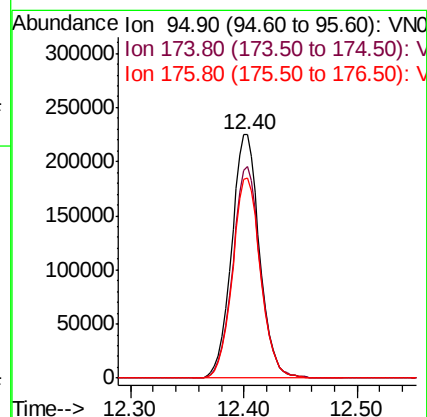
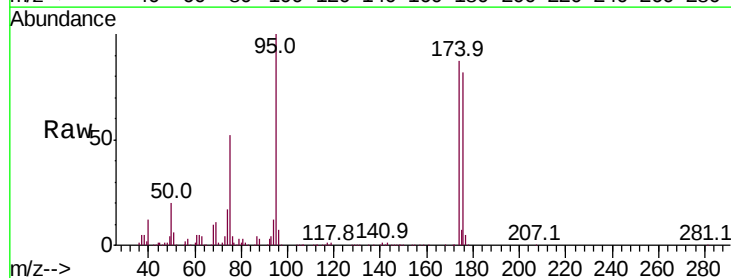
Tgt Ion: 95 Resp: 384820

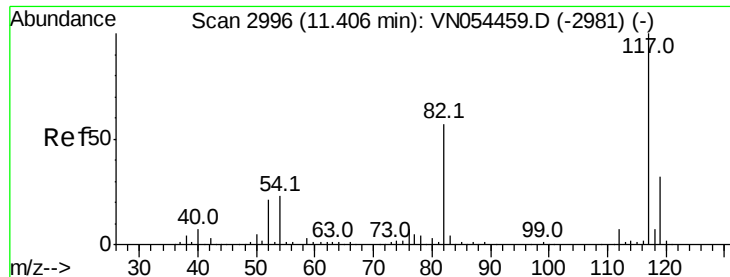
Ion Ratio Lower Upper

95 100

174 86.2 0.0 191.0

176 82.8 0.0 187.4

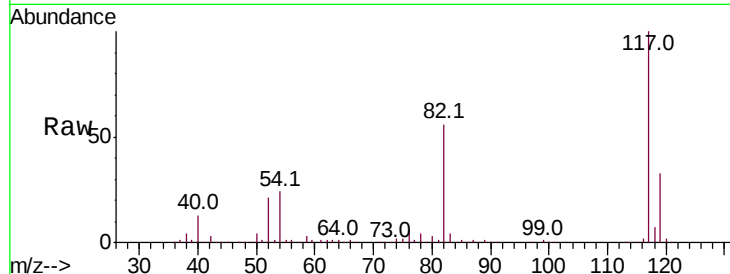




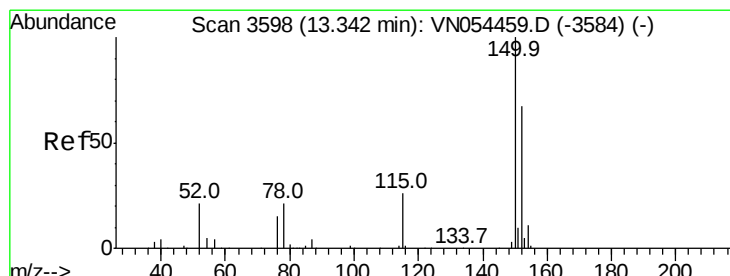
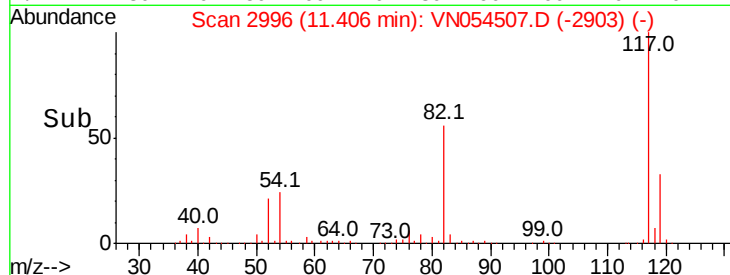
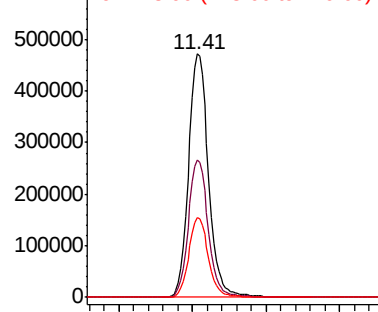
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054507.D
Acq: 21 Mar 2019 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

Tot Ion:117 Resp: 881825
Ion Ratio Lower Upper
117 100
82 56.5 40.0 60.0
119 32.8 25.8 38.6

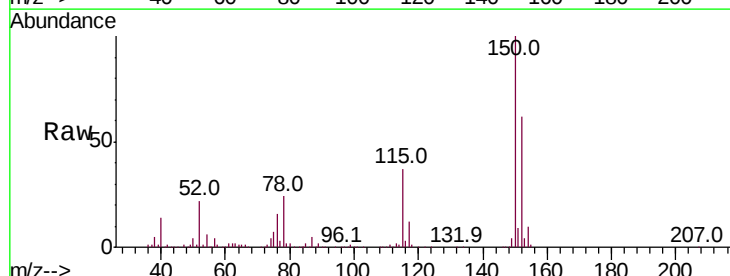


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054507.D
Acq: 21 Mar 2019 13:24

Tgt Ion:152 Resp: 316213
Ion Ratio Lower Upper
152 100
115 58.1 27.2 81.6
150 156.7 0.0 349.2



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

