

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054178.D
 Acq On : 12 Mar 2019 22:38
 Operator : JC/SP
 Sample : VN0312WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBL02

Quant Time: Mar 13 08:14:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1438108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2312209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2365252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1003843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	749884	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.59	113	711264	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	10.09	98	2863789	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	1075343	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	

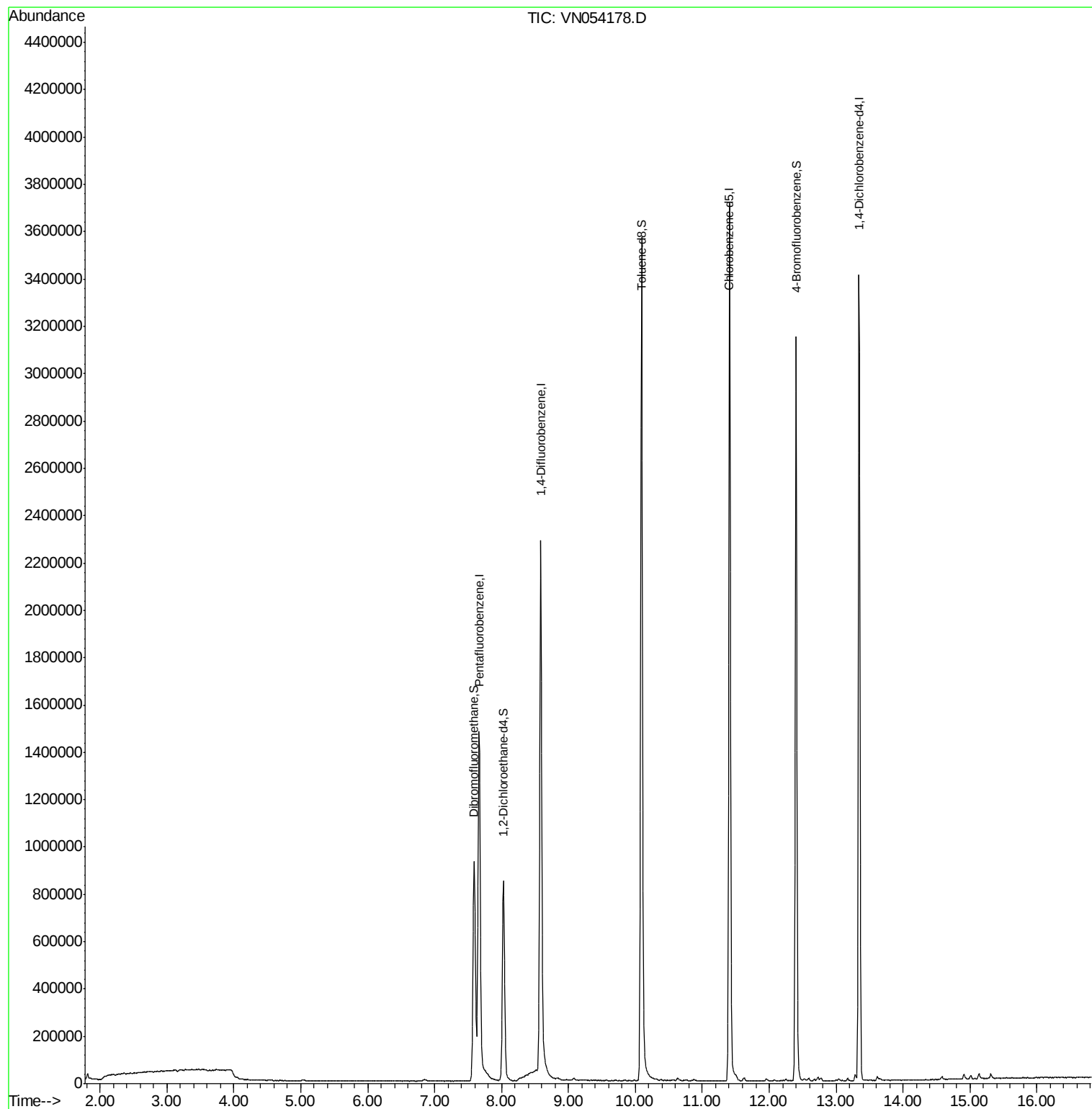
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054178.D

Acq: 12 Mar 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

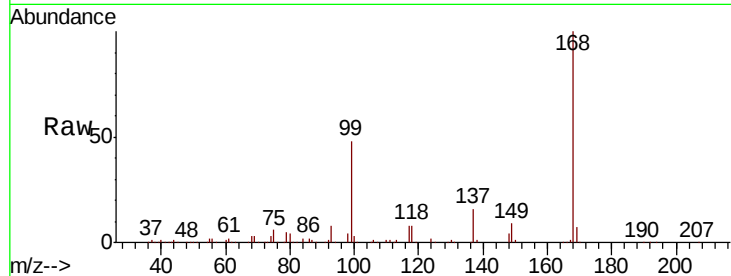
VN0312WBL02

Tgt Ion:168 Resp: 1438108

Ion Ratio Lower Upper

168 100

99 47.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054178.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN054178.D (-1811) (-)

7.66

600000

500000

400000

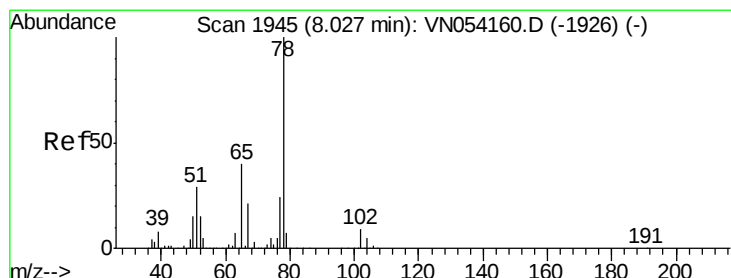
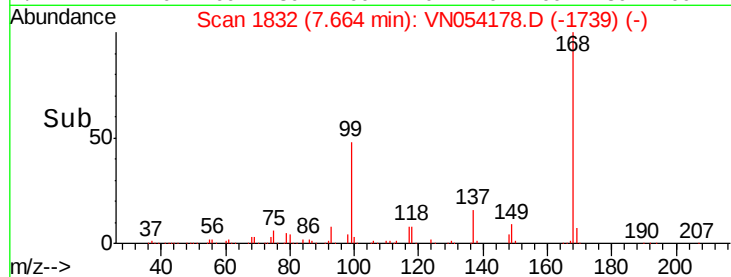
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 49.099 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054178.D

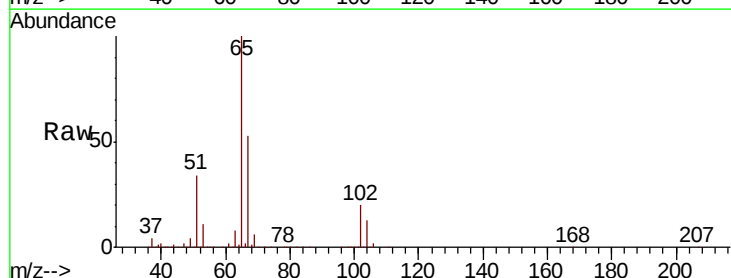
Acq: 12 Mar 2019 22:38

Tgt Ion: 65 Resp: 749884

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054178.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054178.D (-1852) (-)

8.03

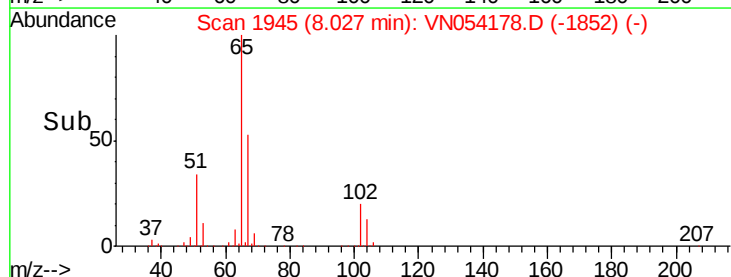
300000

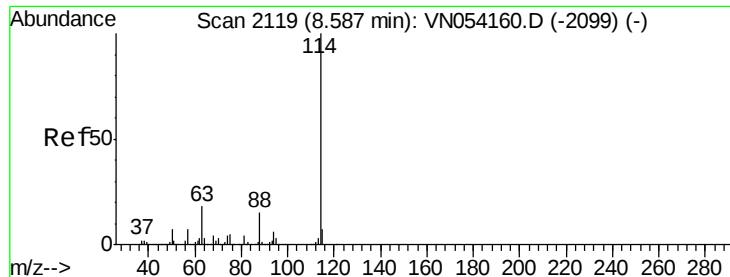
200000

100000

0

Time--> 7.90 8.00 8.10

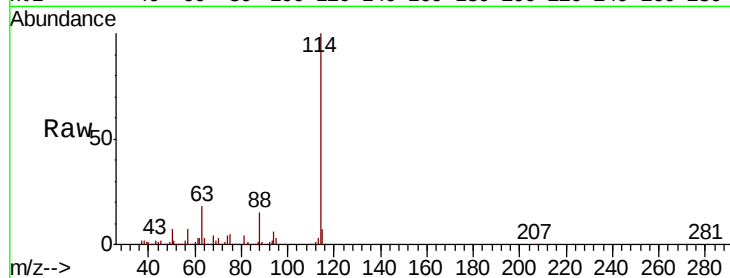




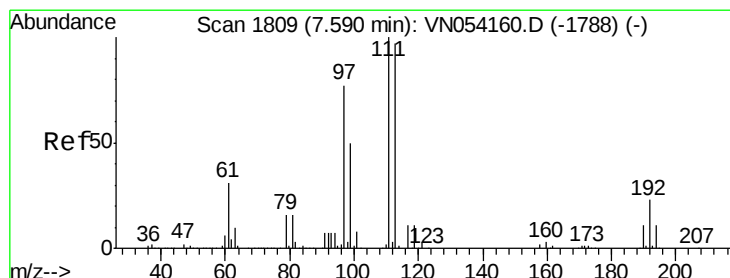
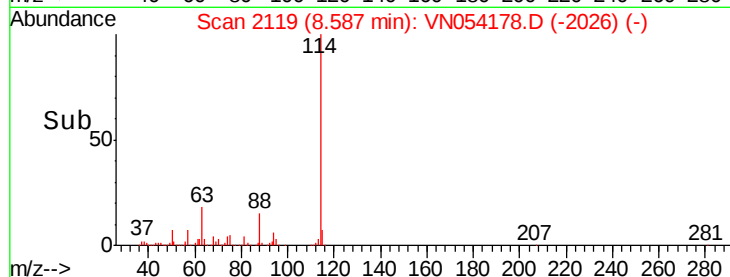
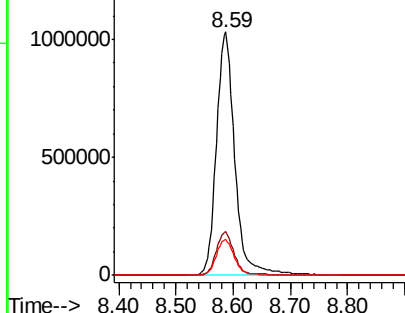
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054178.D
 Acq: 12 Mar 2019 22:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBL02

Tgt Ion:114 Resp: 2312209
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.8 0.0 30.2

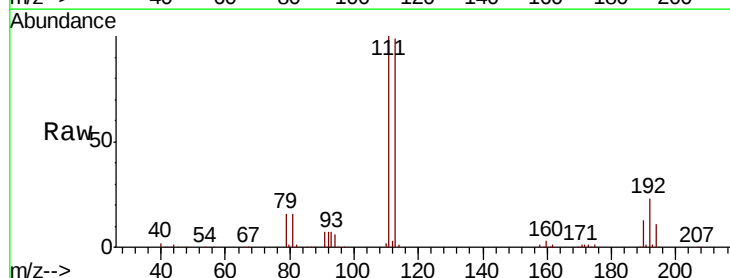


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

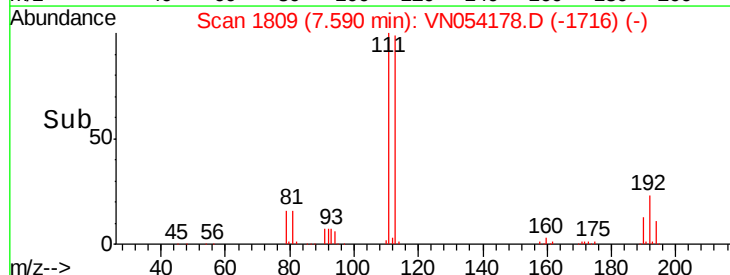
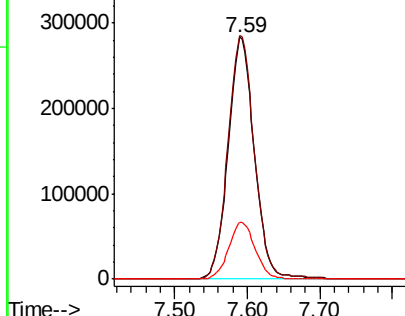


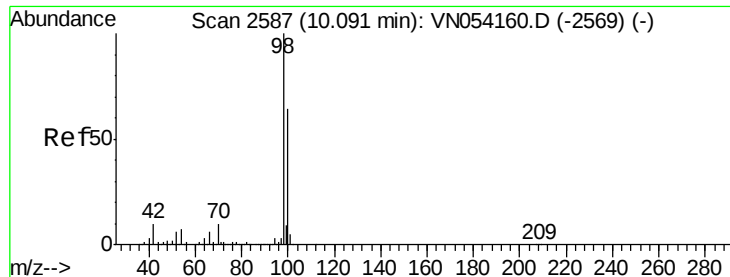
#35
 Dibromofluoromethane
 Concen: 47.695 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054178.D
 Acq: 12 Mar 2019 22:38

Tgt Ion:113 Resp: 711264
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 23.8 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: 51.998 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054178.D

Acq: 12 Mar 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

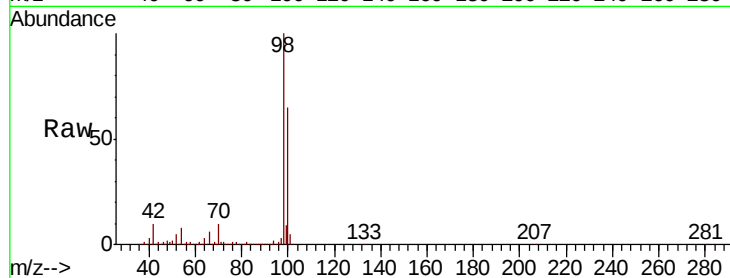
VN0312WBL02

Tgt Ion: 98 Resp: 2863789

Ion Ratio Lower Upper

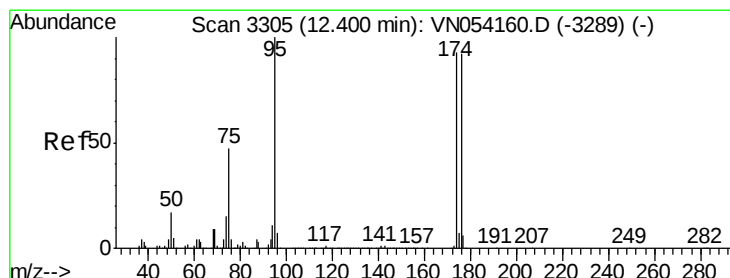
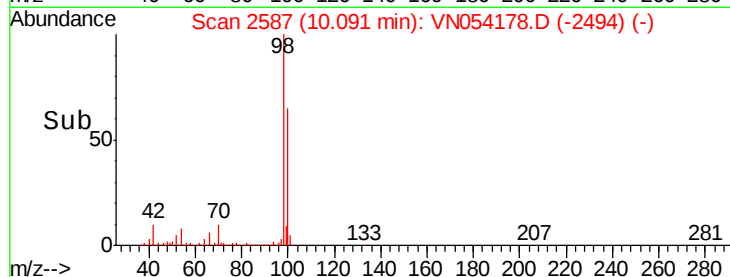
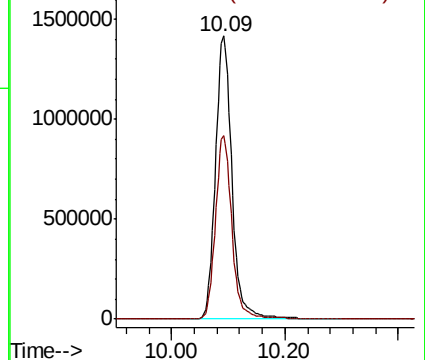
98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 55.802 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054178.D

Acq: 12 Mar 2019 22:38

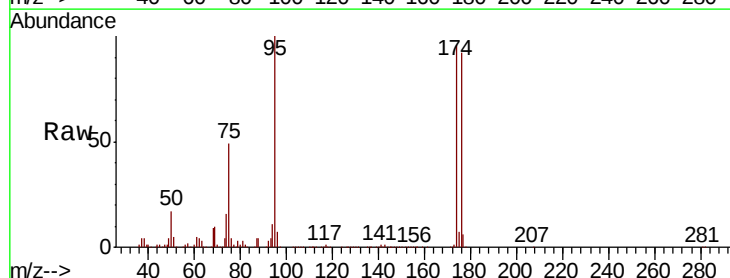
Tgt Ion: 95 Resp: 1075343

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

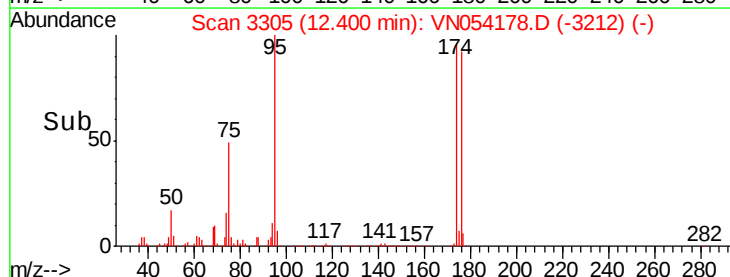
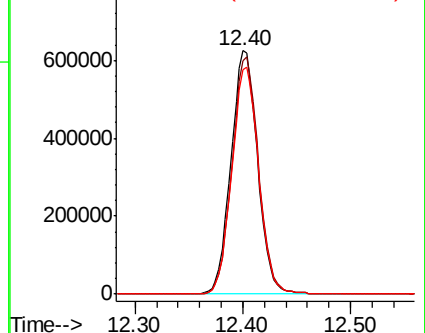
176 94.0 0.0 187.4

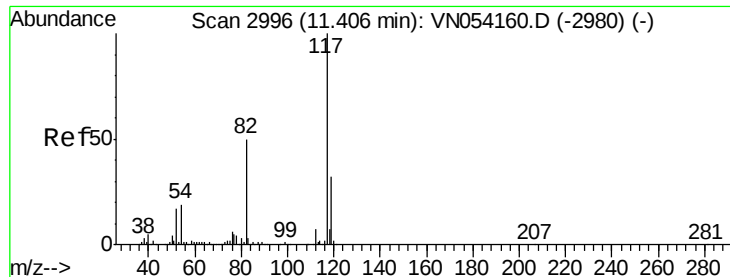


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

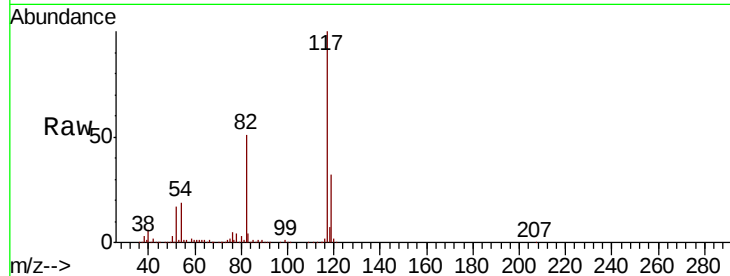




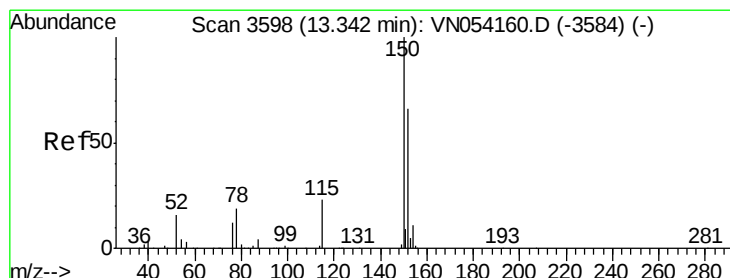
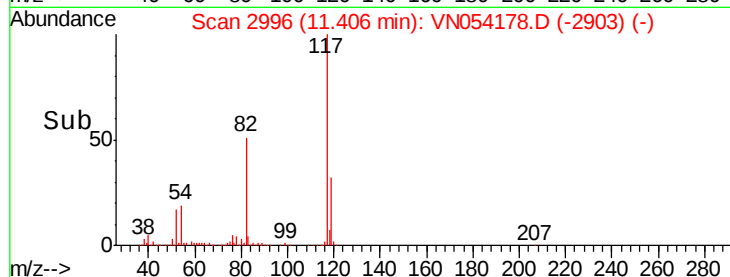
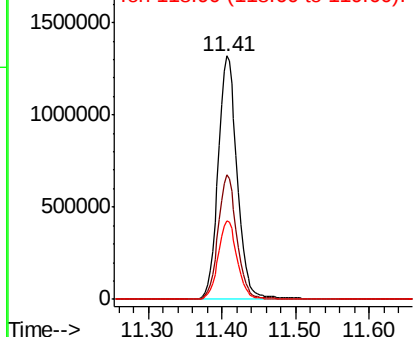
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054178.D
Acq: 12 Mar 2019 22:38

Instrument :
MSVOA_N
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VN0312WBL02

Tgt Ion:117 Resp: 2365252
Ion Ratio Lower Upper
117 100
82 51.0 40.0 60.0
119 32.4 25.8 38.6

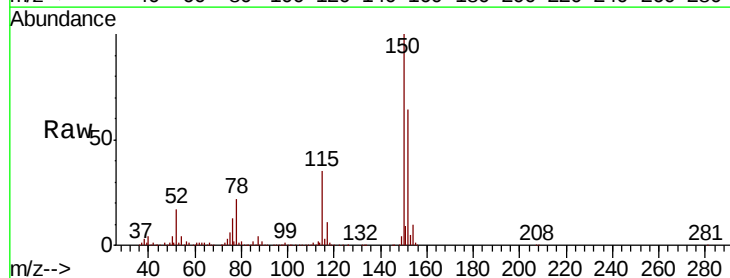


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054178.D
Acq: 12 Mar 2019 22:38

Tgt Ion:152 Resp: 1003843
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.6
150 155.6 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

