

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054318.D
 Acq On : 15 Mar 2019 19:10
 Operator : JC/SP
 Sample : K1932-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-5

Quant Time: Mar 16 04:26:18 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

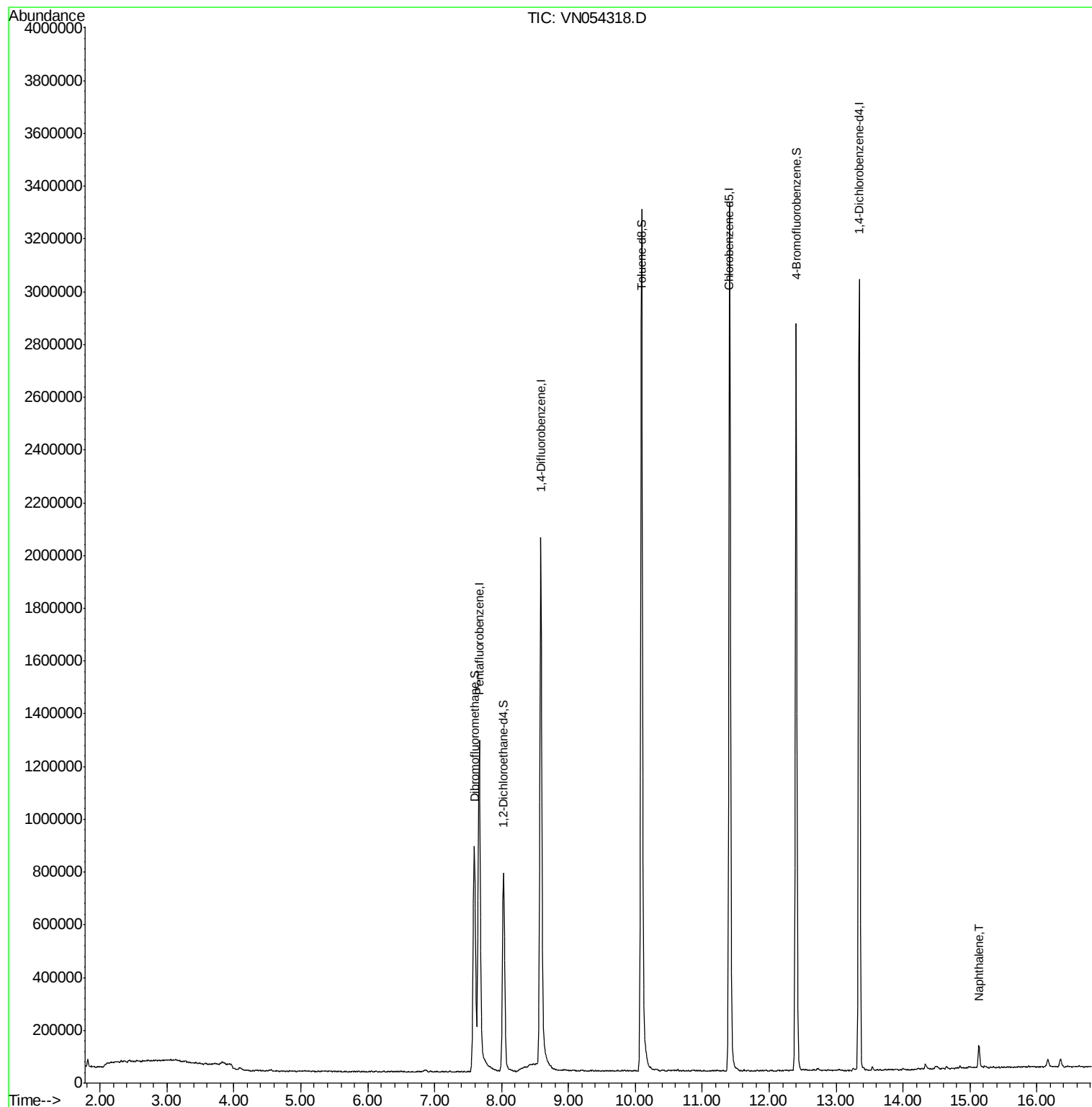
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1279112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2115375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2224235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	892966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	672367	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	7.59	113	652206	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	10.09	98	2635588	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.40	95	987574	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.04%	
Target Compounds						
95) Naphthalene	15.13	128	78504	5.335	ug/l	Qvalue 99

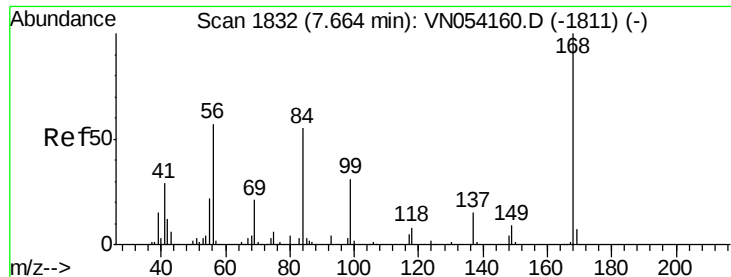
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054318.D

Acq: 15 Mar 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

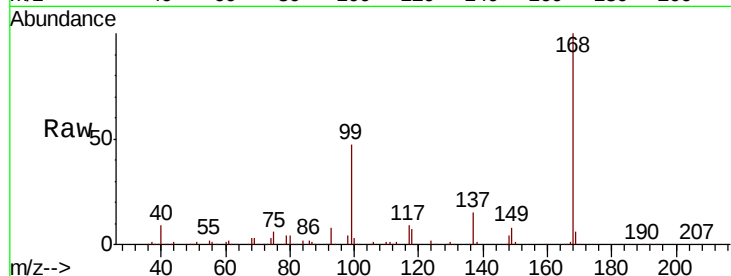
TW-5

Tgt Ion:168 Resp: 1279112

Ion Ratio Lower Upper

168 100

99 46.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054318.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054318.D (-1739) (-)

7.67

500000

400000

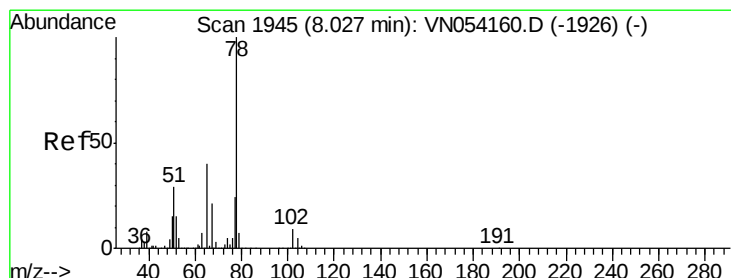
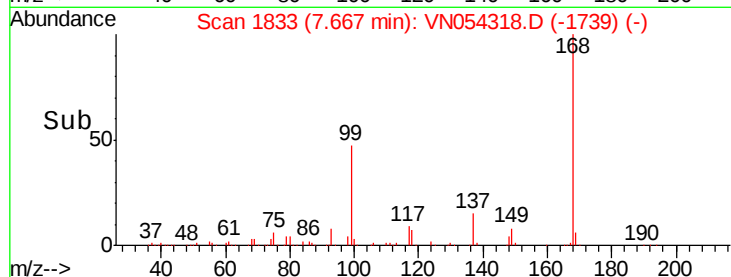
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 49.496 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054318.D

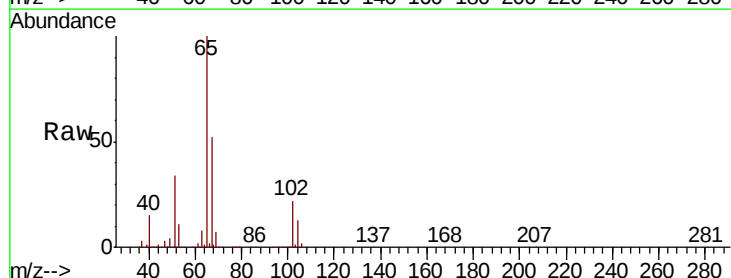
Acq: 15 Mar 2019 19:10

Tgt Ion: 65 Resp: 672367

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054318.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054318.D (-1852) (-)

8.03

300000

250000

200000

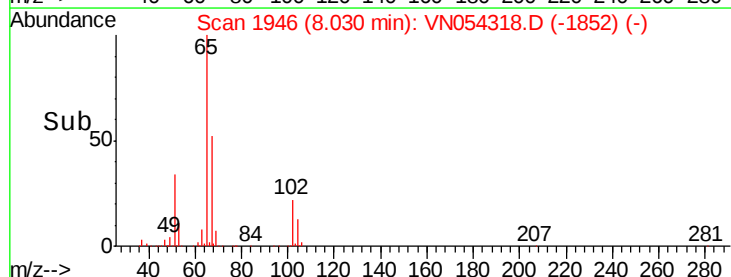
150000

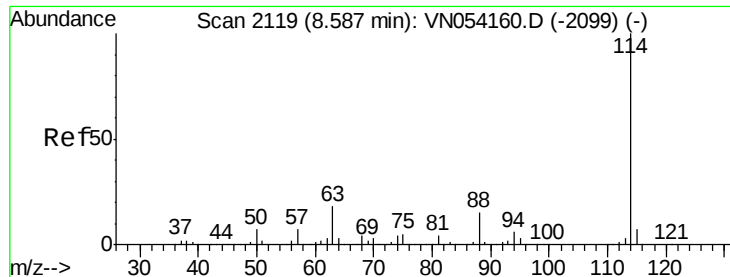
100000

50000

0

Time--> 7.90 8.00 8.10 8.20

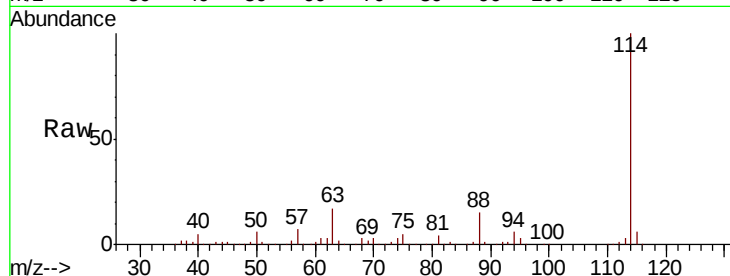




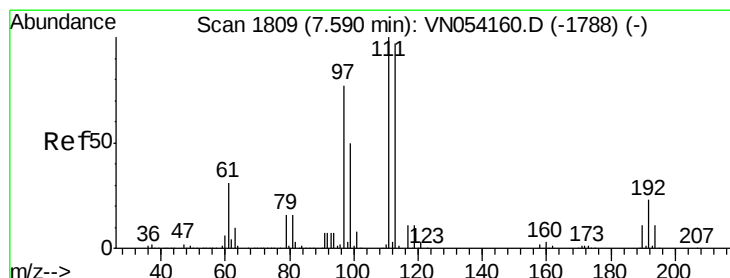
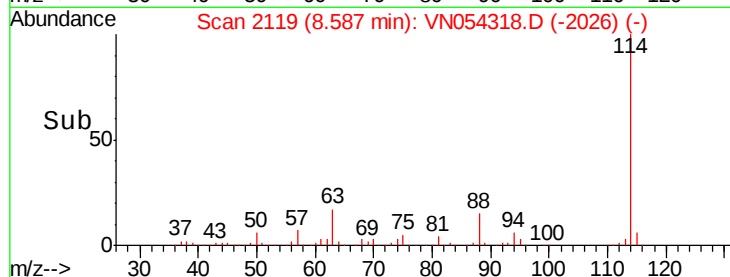
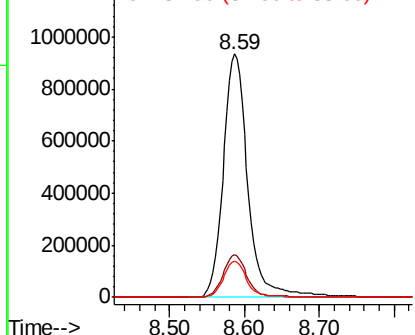
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054318.D
Acq: 15 Mar 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
TW-5

Tgt Ion:114 Resp: 2115375
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.2
88 14.8 0.0 30.2

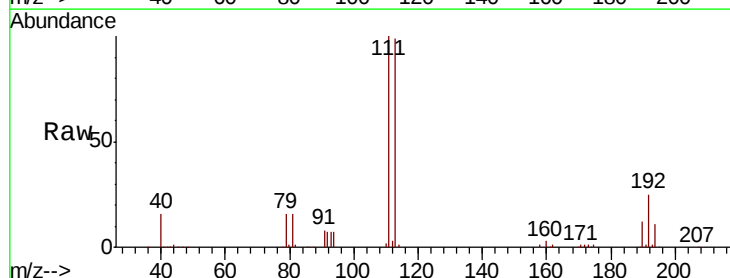


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

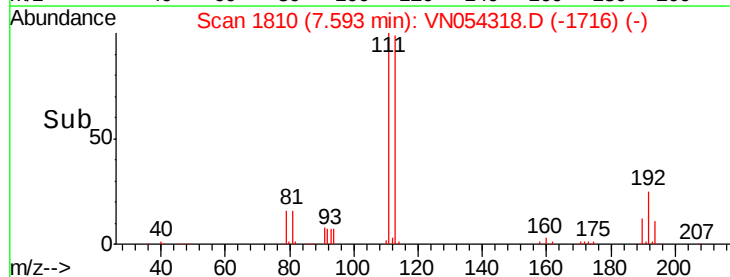
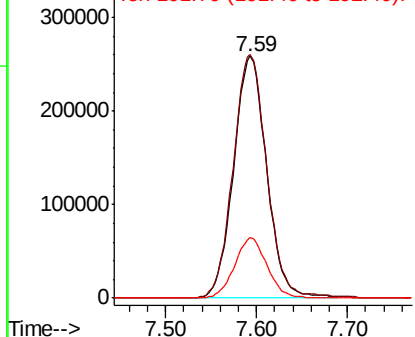


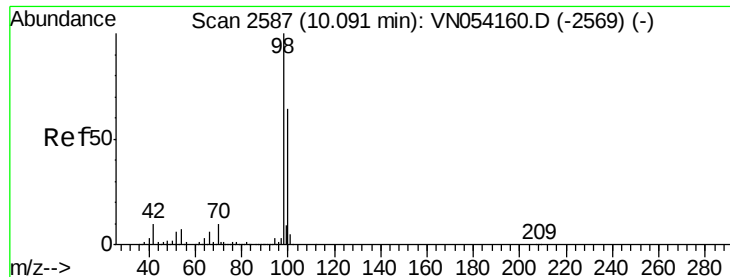
#35
Dibromofluoromethane
Concen: 47.804 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054318.D
Acq: 15 Mar 2019 19:10

Tgt Ion:113 Resp: 652206
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 24.6 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: 52.307 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054318.D

Acq: 15 Mar 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

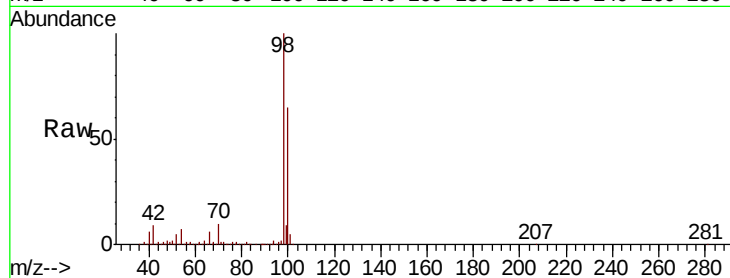
TW-5

Tgt Ion: 98 Resp: 2635588

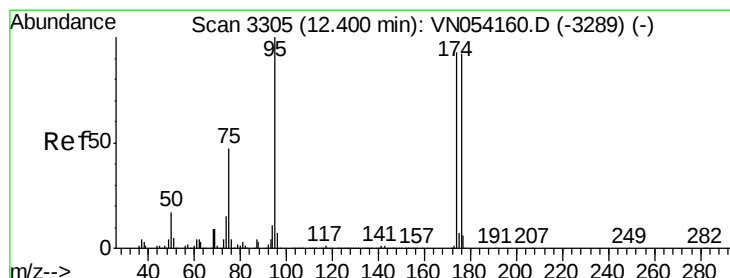
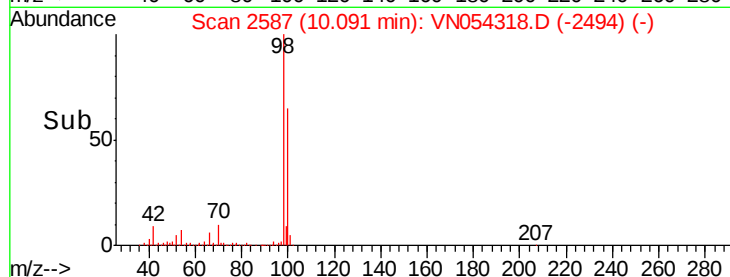
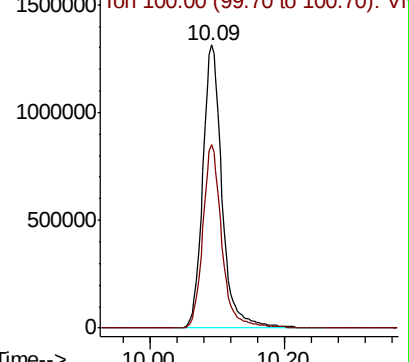
Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054318.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 56.016 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054318.D

Acq: 15 Mar 2019 19:10

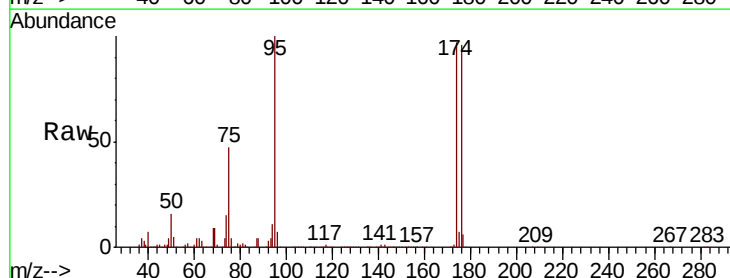
Tgt Ion: 95 Resp: 987574

Ion Ratio Lower Upper

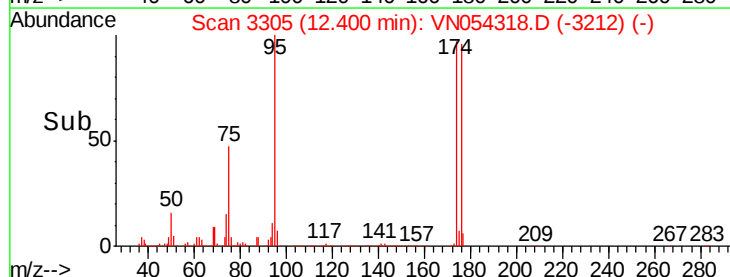
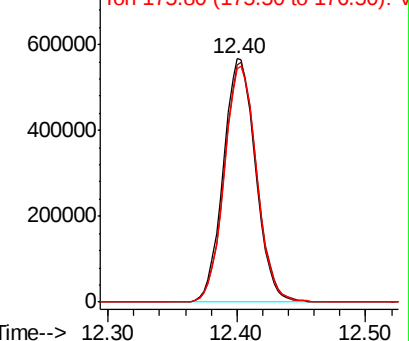
95 100

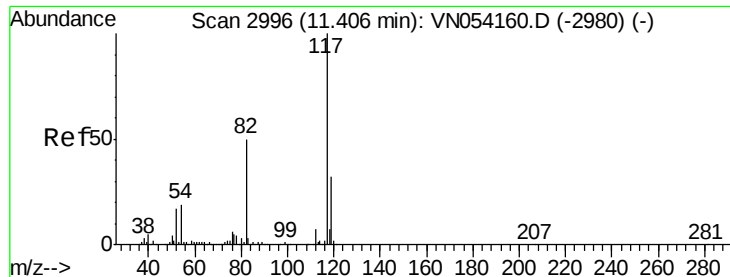
174 98.4 0.0 191.0

176 96.7 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054318.D (-3212) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054318.D

Acq: 15 Mar 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

TW-5

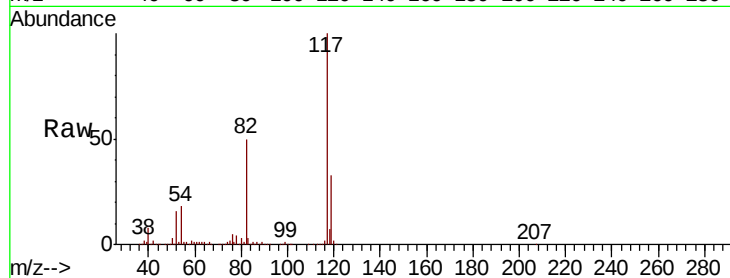
Tgt Ion:117 Resp: 2224235

Ion Ratio Lower Upper

117 100

82 49.8 40.0 60.0

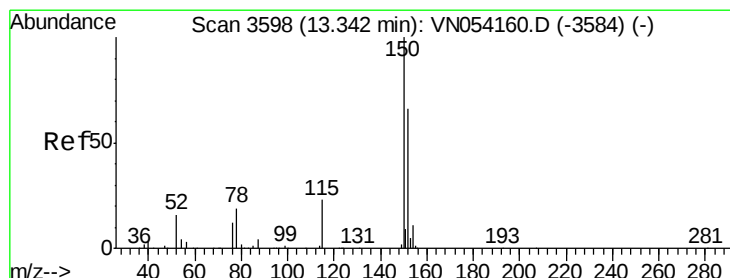
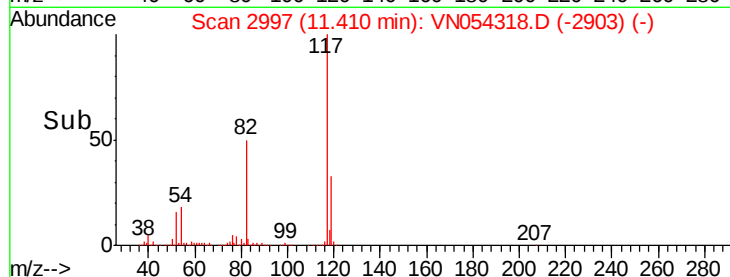
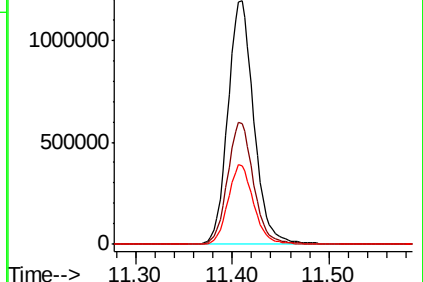
119 32.5 25.8 38.6



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: VN054318.D

Acq: 15 Mar 2019 19:10

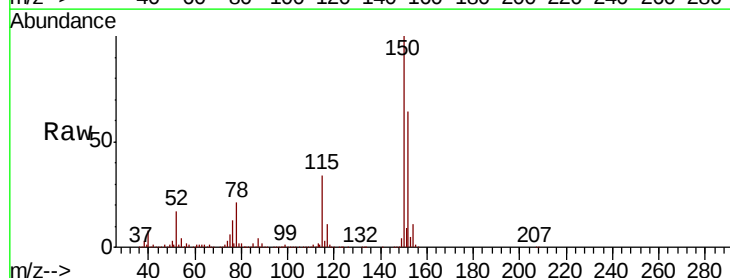
Tgt Ion:152 Resp: 892966

Ion Ratio Lower Upper

152 100

115 54.3 27.2 81.6

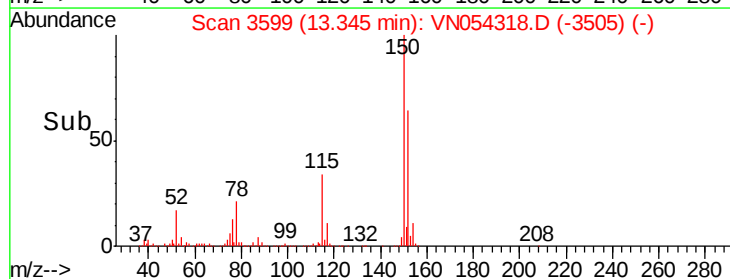
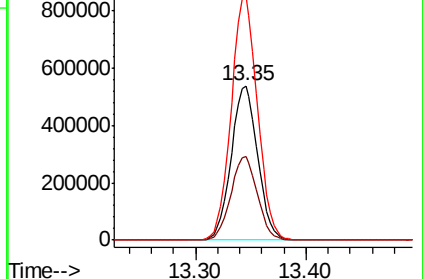
150 157.1 0.0 349.2

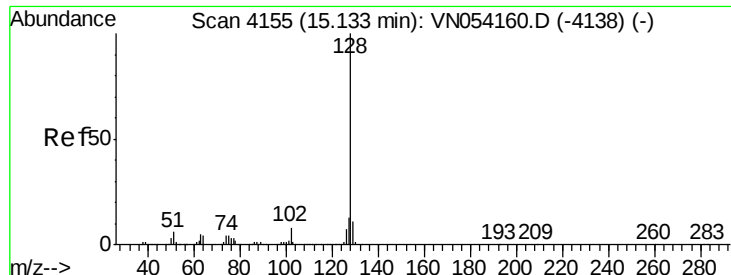


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

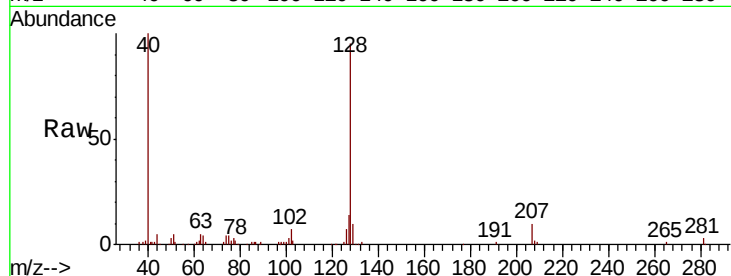




#95
Naphthalene
Concen: 5.335 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054318.D
Acq: 15 Mar 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
TW-5

Tgt Ion:128 Resp: 78504
Ion Ratio Lower Upper
128 100
127 13.5 10.1 15.1
129 10.7 8.7 13.1



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

