

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030119\
 Data File : VN054026.D
 Acq On : 1 Mar 2019 13:44
 Operator : JC/SP
 Sample : K1587-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-MH-C02

Quant Time: Mar 05 01:15:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 00:48:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	109525	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	570173	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	480098	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	237471	30.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.93%
60) 4-Bromofluorobenzene	12.40	95	175932	23.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.80%
63) Toluene-d8	10.09	98	692723	29.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.97%

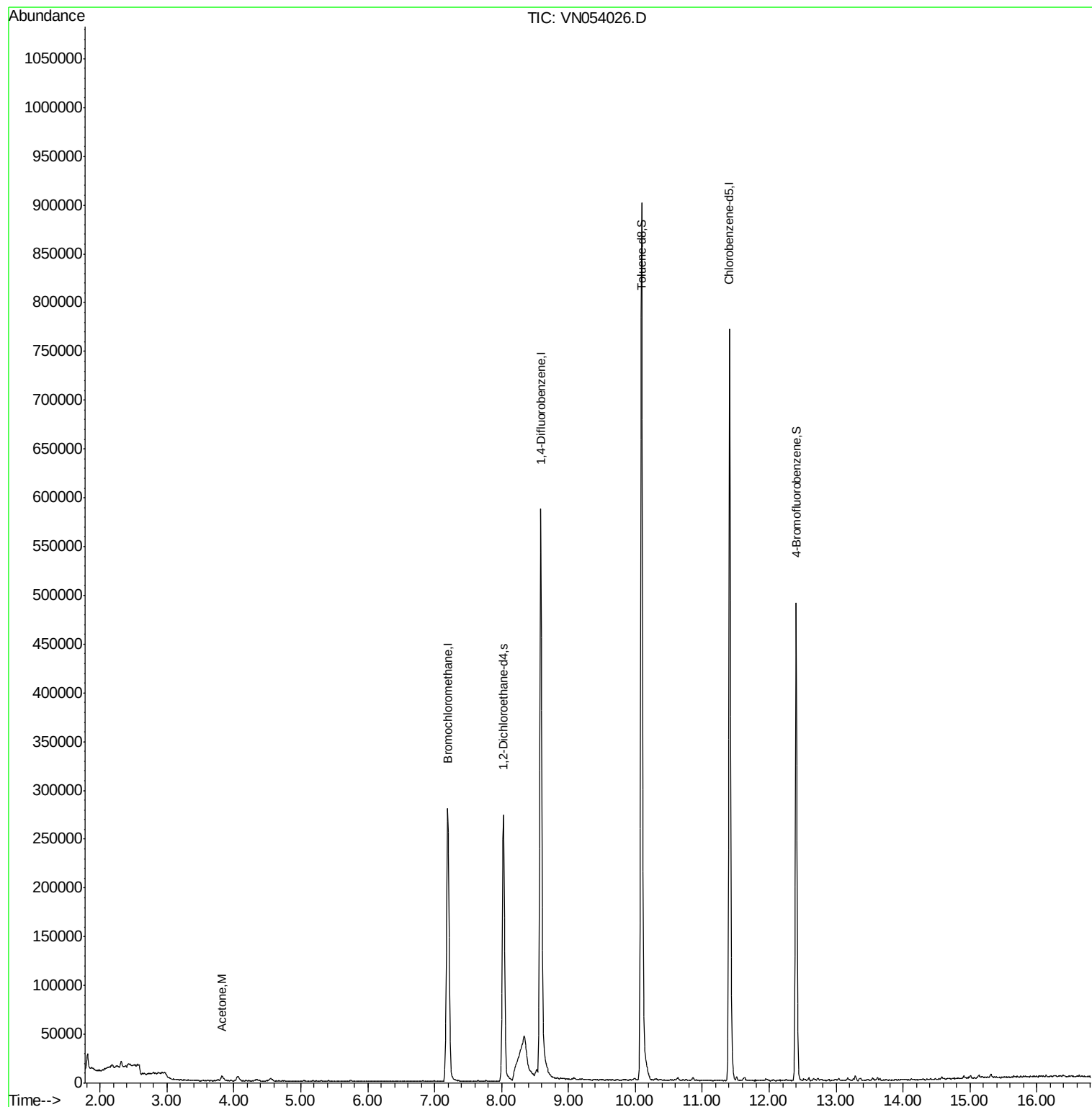
Target Compounds					Ovalue
15) Acetone	3.82	58	2466	3.498 ug/l #	62

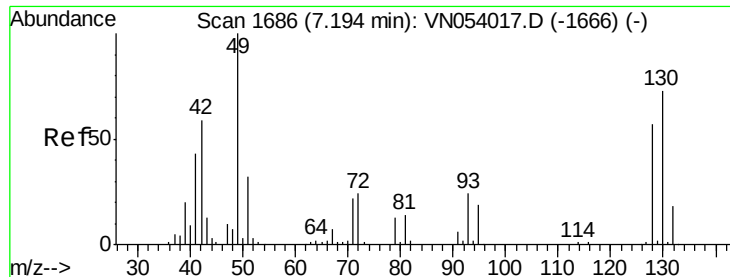
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054026.D

Acq: 1 Mar 2019 13:44

Instrument :

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ClientSampleId :

TP-MH-C02

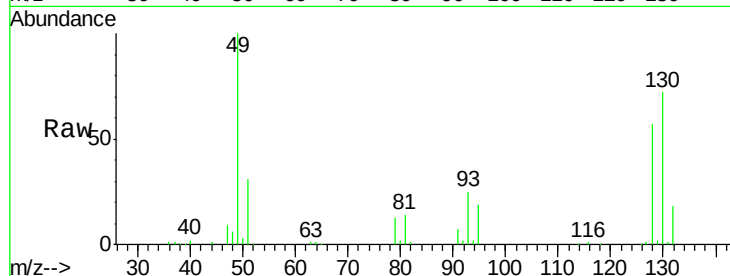
Tot Ion:128 Resp: 109525

Ion Ratio Lower Upper

128 100

49 176.5 0.0 431.8

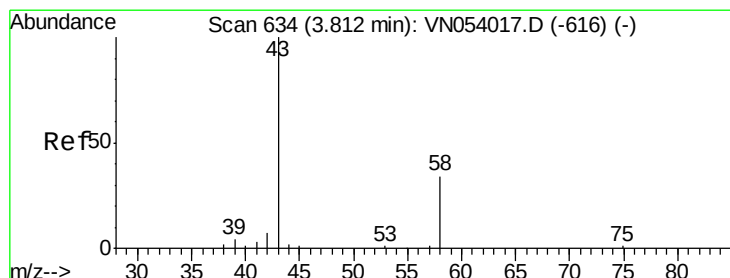
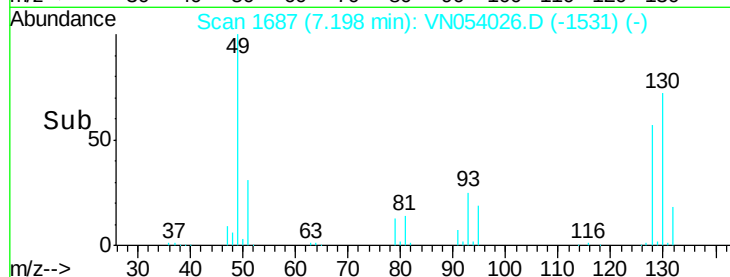
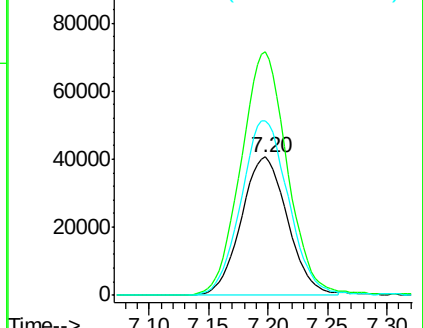
130 130.1 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 3.498 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN054026.D

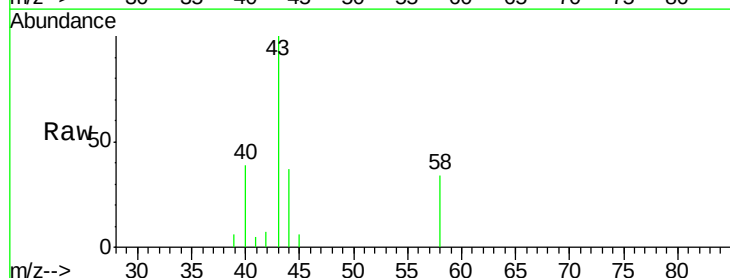
Acq: 1 Mar 2019 13:44

Tgt Ion: 58 Resp: 2466

Ion Ratio Lower Upper

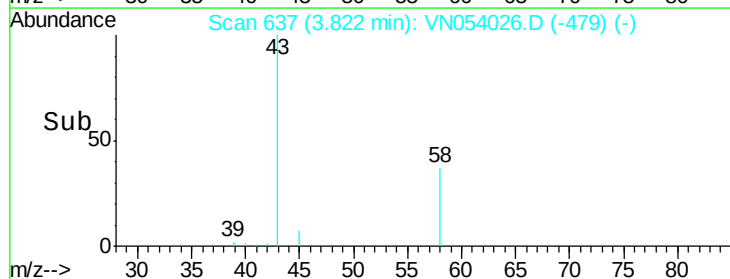
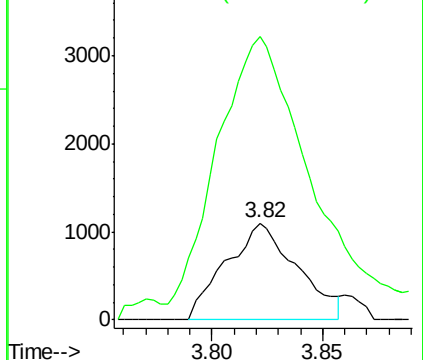
58 100

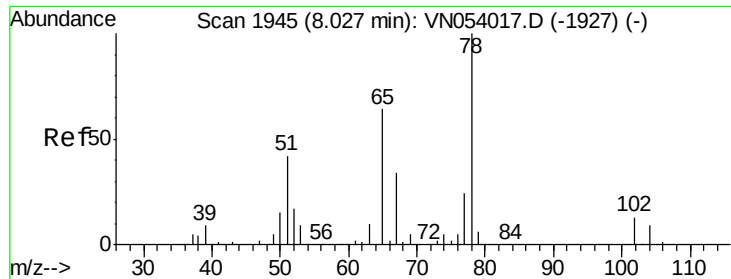
43 228.5 243.6 365.4#



Abundance Ion 58.00 (57.70 to 58.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

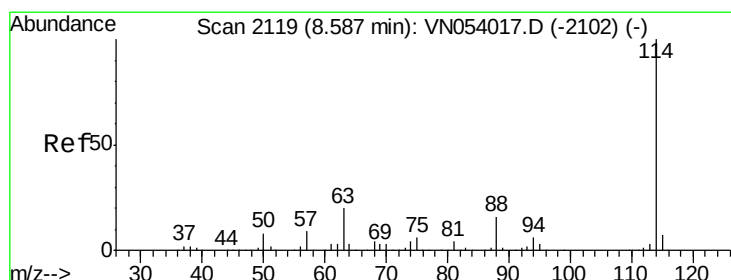
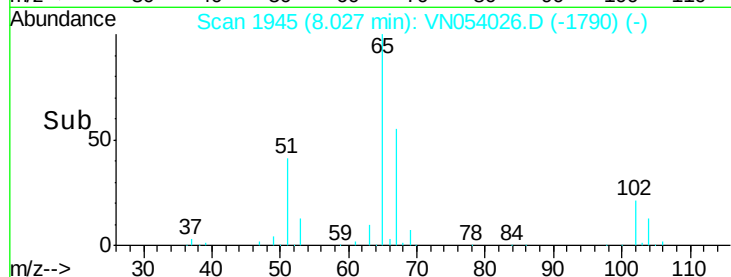
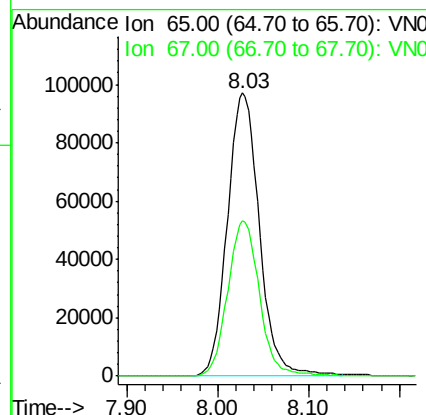
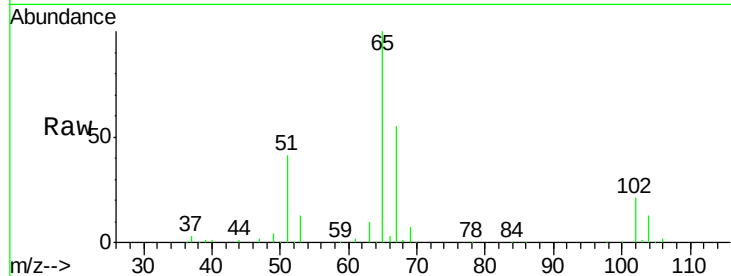




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054026.D
 Acq: 1 Mar 2019 13:44

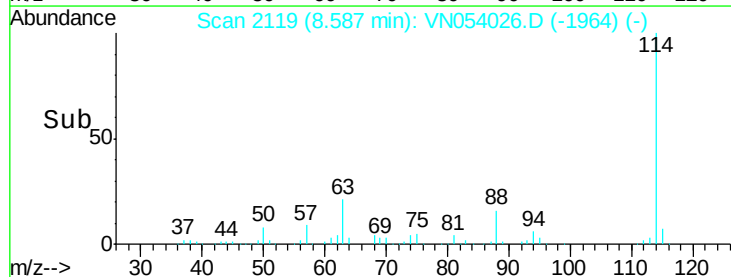
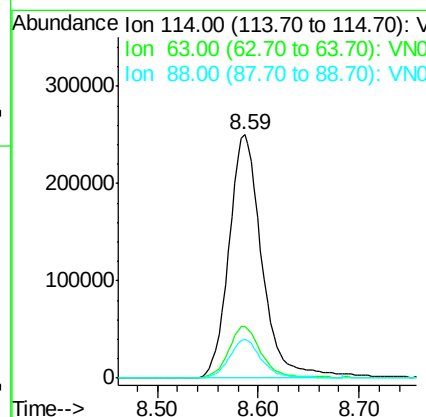
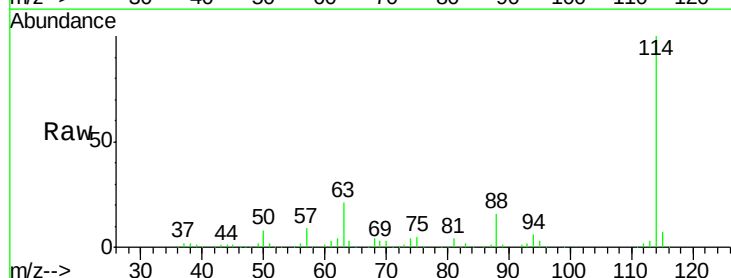
Instrument :
 MSVOA_N
 ClientSampled :
 TP-MH-C02

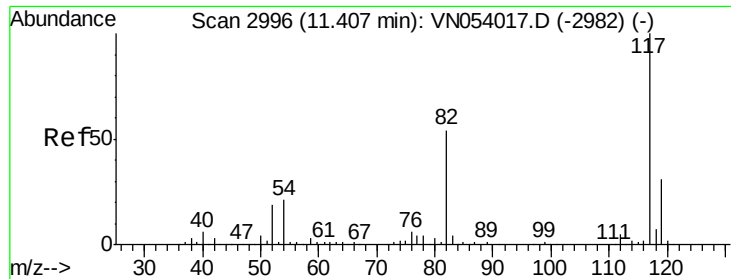
Tot Ion: 65 Resp: 237471
 Ion Ratio Lower Upper
 65 100
 67 54.2 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054026.D
 Acq: 1 Mar 2019 13:44

Tgt Ion: 114 Resp: 570173
 Ion Ratio Lower Upper
 114 100
 63 21.0 16.9 25.3
 88 15.6 12.8 19.2

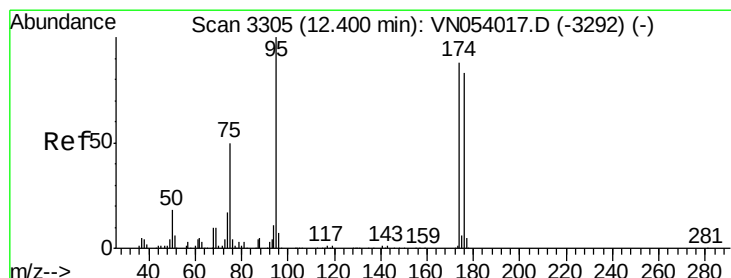
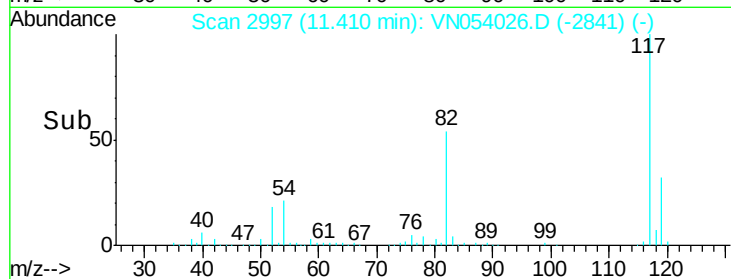
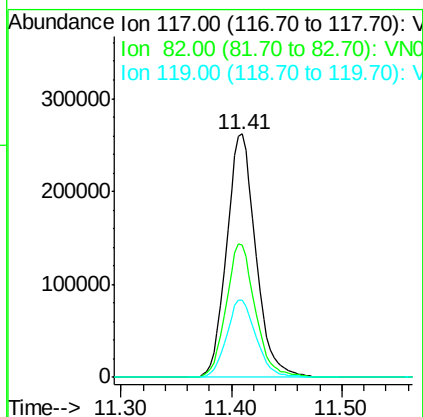
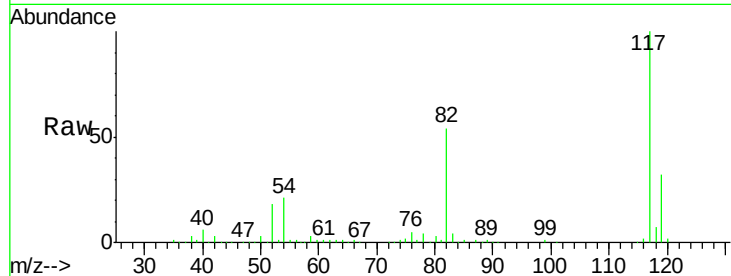




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054026.D
Acq: 1 Mar 2019 13:44

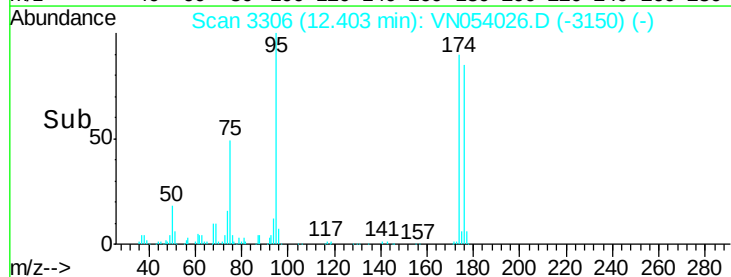
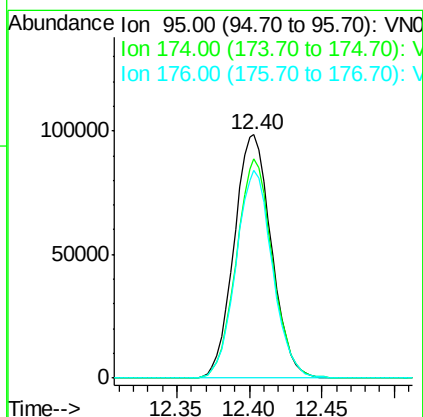
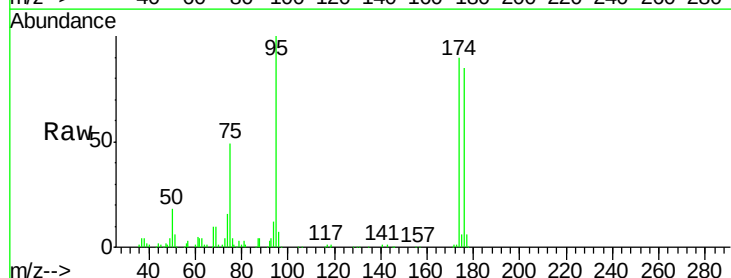
Instrument :
MSVOA_N
ClientSampled :
TP-MH-C02

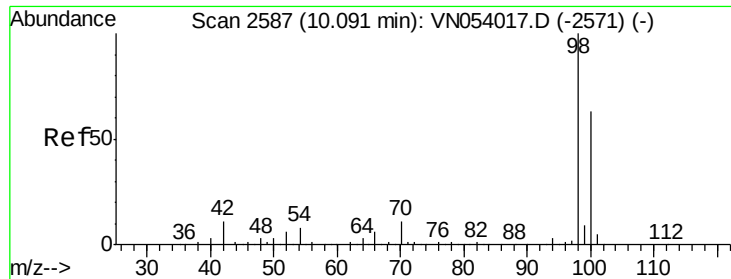
Tot Ion:117 Resp: 480098
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.2 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054026.D
Acq: 1 Mar 2019 13:44

Tgt Ion: 95 Resp: 175932
Ion Ratio Lower Upper
95 100
174 87.3 67.9 101.9
176 83.4 66.4 99.6





#63

Toluene-d8

Concen: Below ua/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054026.D

Acq: 1 Mar 2019 13:44

Instrument :

MSVOA_N

ClientSampleId :

TP-MH-C02

Tot Ion: 98 Resp: 692723

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7

