

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056807.D
 Acq On : 18 Jul 2019 12:05
 Operator : JC/SP
 Sample : K3882-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 U3MW-5S

Quant Time: Jul 19 09:08:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	48938	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	266541	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	212718	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	99839	30.12	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.40%
60) 4-Bromofluorobenzene	12.40	95	74486	22.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	76.27%
63) Toluene-d8	10.09	98	304172	31.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.33%

Target Compounds

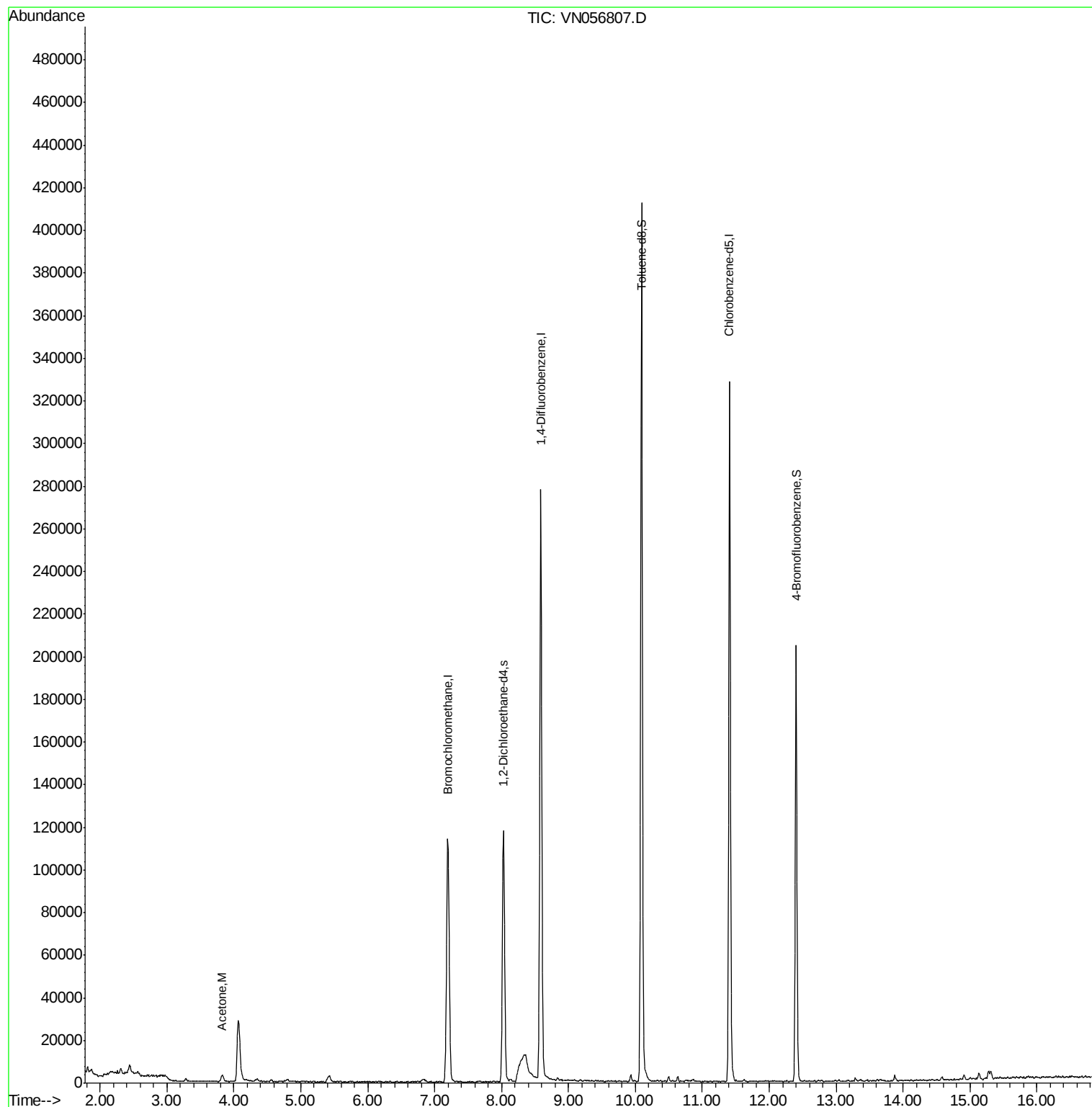
					Ovalue	
15) Acetone	3.83	58	1695	2.885	ug/l	# 51

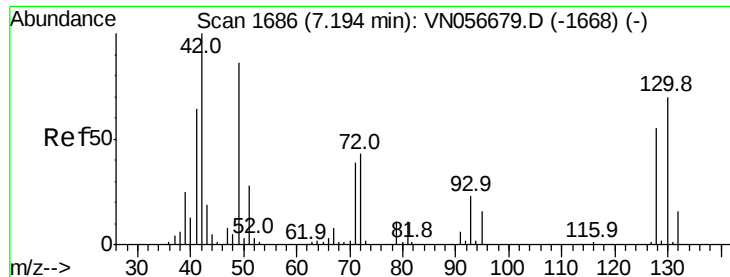
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN056807.D

Acq: 18 Jul 2019 12:05

Instrument :

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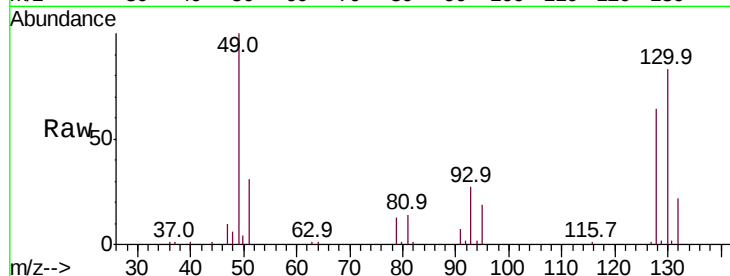
Tot Ion:128 Resp: 48938

Ion Ratio Lower Upper

128 100

49 157.2 0.0 390.5

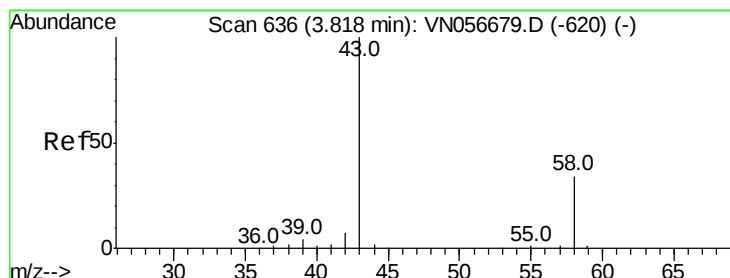
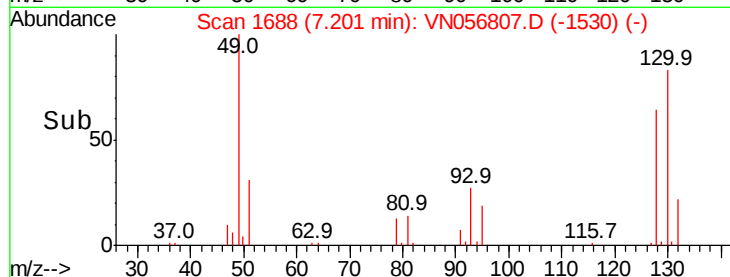
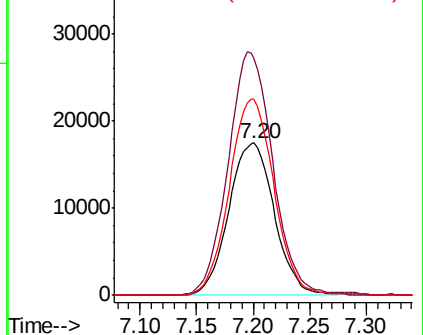
130 126.7 0.0 316.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 2.885 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN056807.D

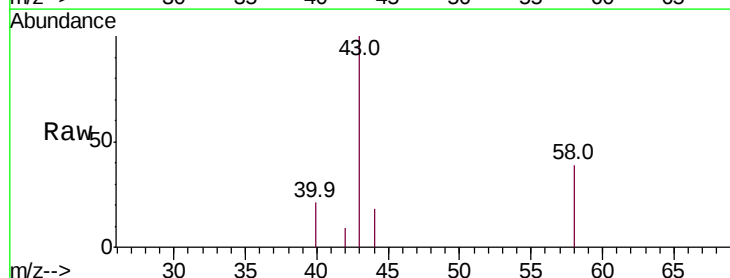
Acq: 18 Jul 2019 12:05

Tgt Ion: 58 Resp: 1695

Ion Ratio Lower Upper

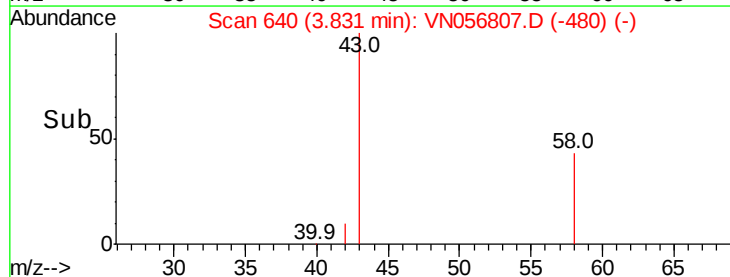
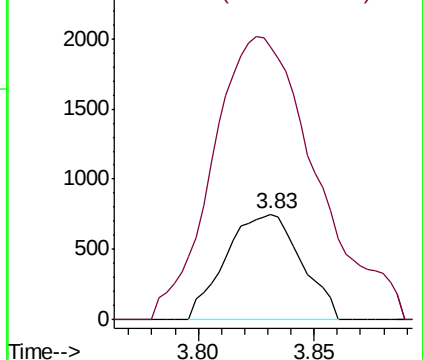
58 100

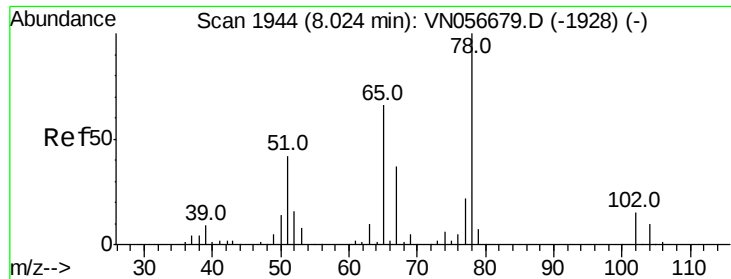
43 198.0 233.9 350.9#



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 30.118 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056807.D

Acq: 18 Jul 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

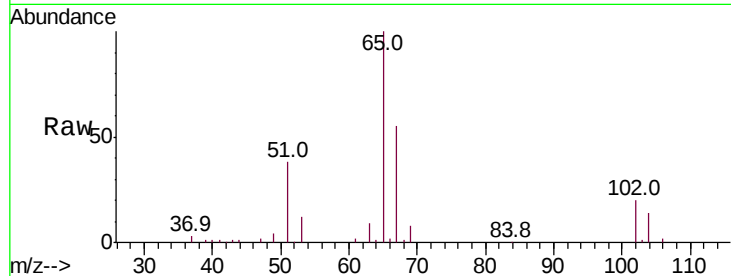
U3MW-5S

Tot Ion: 65 Resp: 99839

Ion Ratio Lower Upper

65 100

67 54.8 43.4 65.0

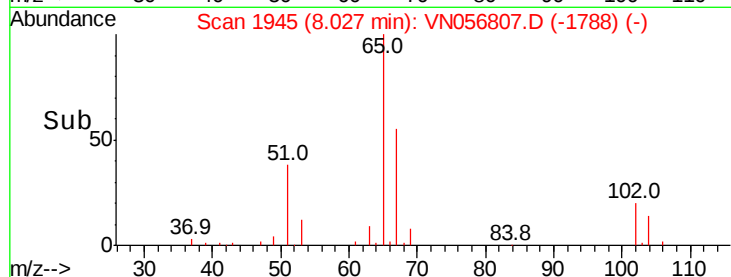


Abundance Ion 65.00 (64.70 to 65.70): VN056679.D (-1928) (-)

Ion 67.00 (66.70 to 67.70): VN056679.D (-1928) (-)

8.03

Time-->



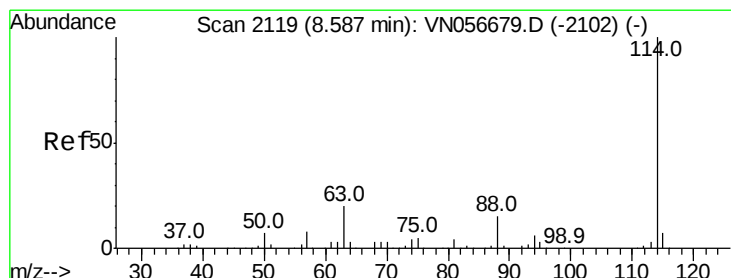
Abundance

Ion 65.00 (64.70 to 65.70): VN056807.D (-1788) (-)

Ion 67.00 (66.70 to 67.70): VN056807.D (-1788) (-)

8.03

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056807.D

Acq: 18 Jul 2019 12:05

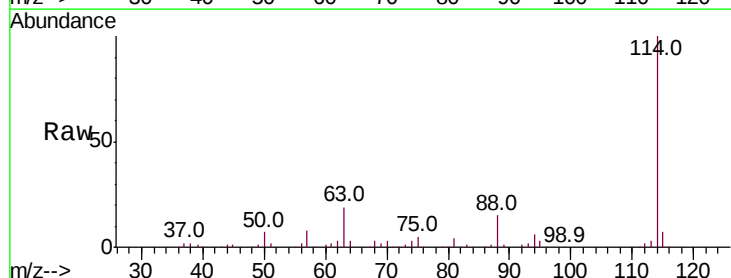
Tgt Ion: 114 Resp: 266541

Ion Ratio Lower Upper

114 100

63 18.8 16.2 24.2

88 15.1 12.3 18.5



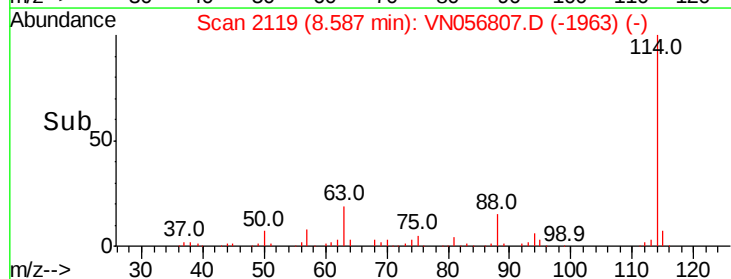
Abundance Ion 114.00 (113.70 to 114.70): VN056679.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN056679.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN056679.D (-2102) (-)

8.59

Time-->



Abundance

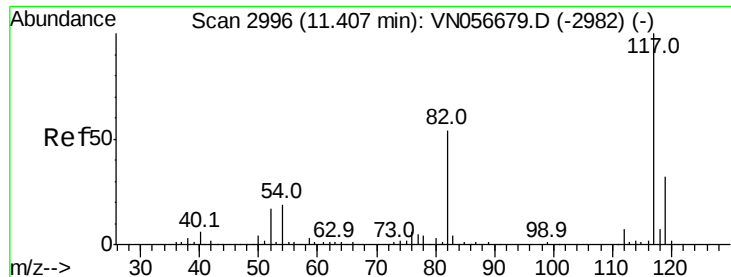
Ion 114.00 (113.70 to 114.70): VN056807.D (-1963) (-)

Ion 63.00 (62.70 to 63.70): VN056807.D (-1963) (-)

Ion 88.00 (87.70 to 88.70): VN056807.D (-1963) (-)

8.59

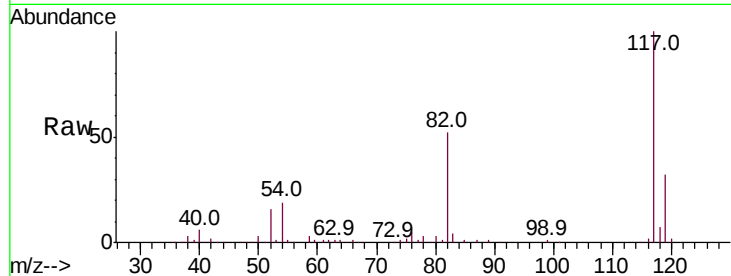
Time-->



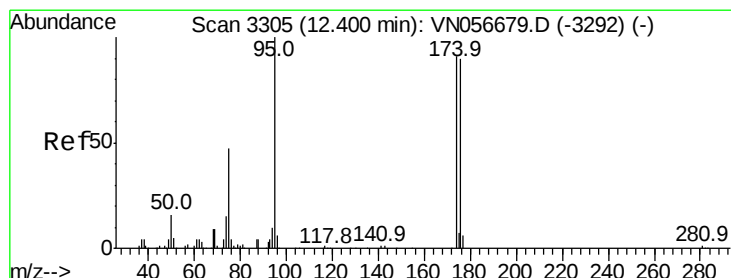
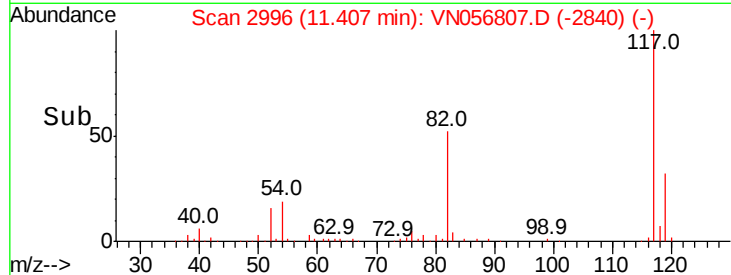
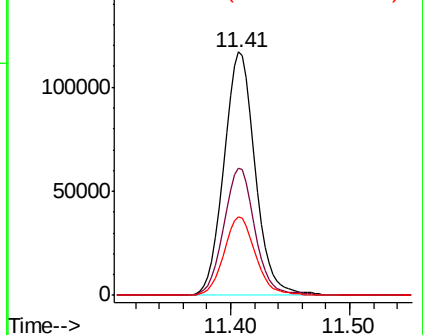
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056807.D
 Acq: 18 Jul 2019 12:05

Instrument :
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Tot Ion:117 Resp: 212718
 Ion Ratio Lower Upper
 117 100
 82 52.3 43.0 64.4
 119 32.4 26.0 39.0

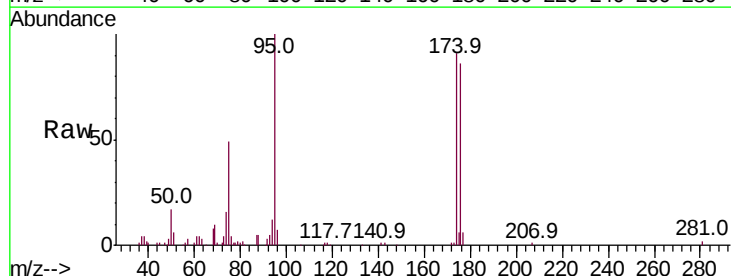


Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V

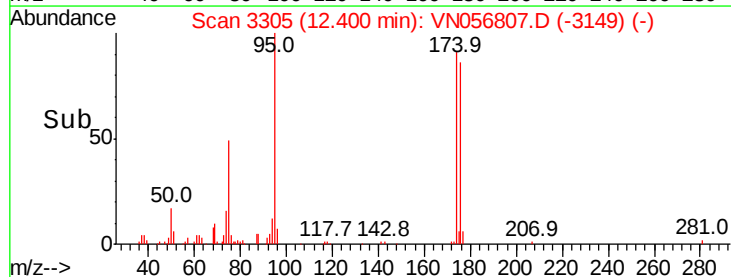
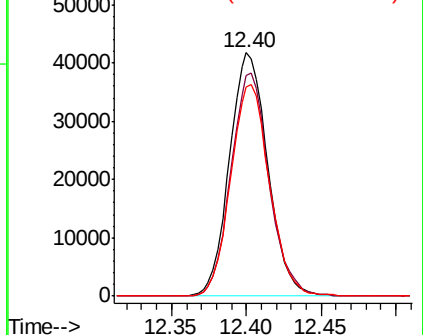


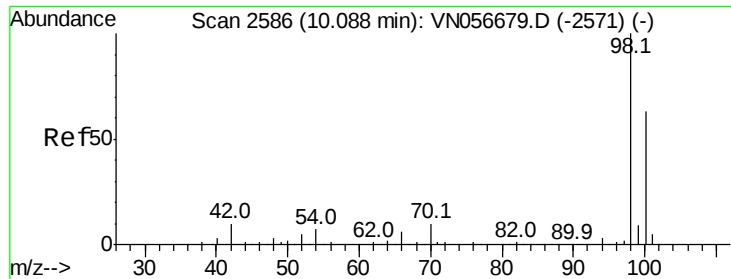
#60
 4-Bromofluorobenzene
 Concen: 22.880 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056807.D
 Acq: 18 Jul 2019 12:05

Tgt Ion: 95 Resp: 74486
 Ion Ratio Lower Upper
 95 100
 174 90.7 72.6 108.8
 176 88.0 71.0 106.6



Abundance Ion 95.00 (94.70 to 95.70): VN
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 31.296 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056807.D

Acq: 18 Jul 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

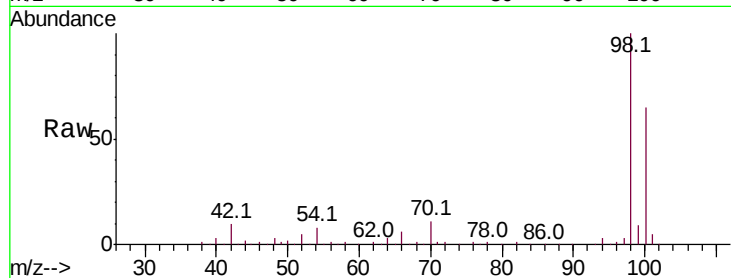
U3MW-5S

Tot Ion: 98 Resp: 304172

Ion Ratio Lower Upper

98 100

100 64.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

