

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056894.D
 Acq On : 23 Jul 2019 23:30
 Operator : JC/SP
 Sample : K3969-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 24 11:32:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 03:39:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	56912	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	307555	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	231877	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	117881	31.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.50%
60) 4-Bromofluorobenzene	12.40	95	76980	22.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.83%
63) Toluene-d8	10.09	98	357257	32.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	108.73%

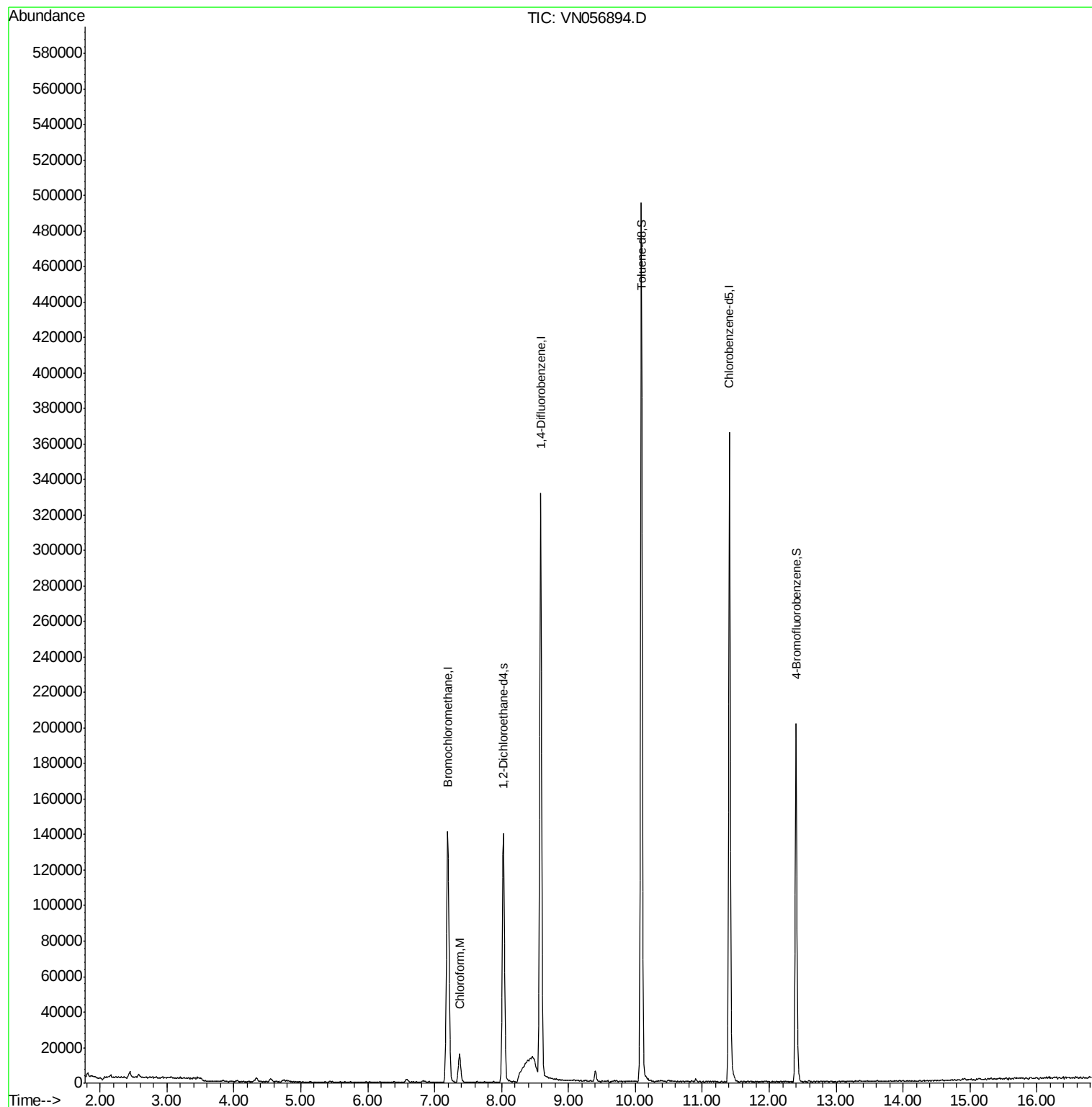
Target Compounds					Ovalue
25) Chloroform	7.37	83	17417	2.976	ug/l 97

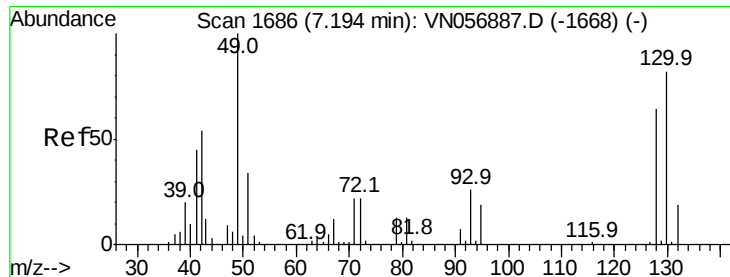
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 03:39:51 2019
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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: VN056894.D

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Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

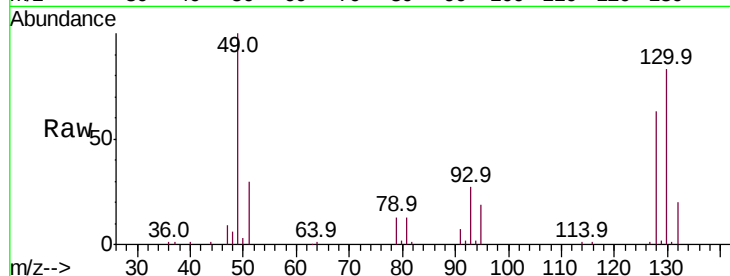
Tot Ion:128 Resp: 56912

Ion Ratio Lower Upper

128 100

49 160.3 0.0 385.8

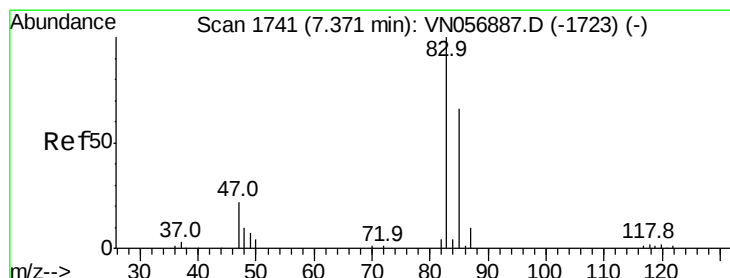
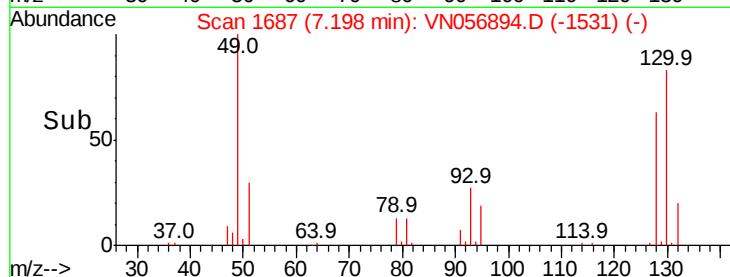
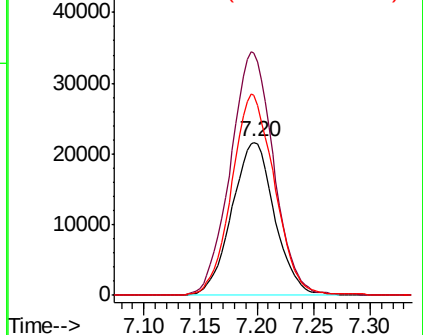
130 132.0 0.0 322.5



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



#25

Chloroform

Concen: 2.976 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN056894.D

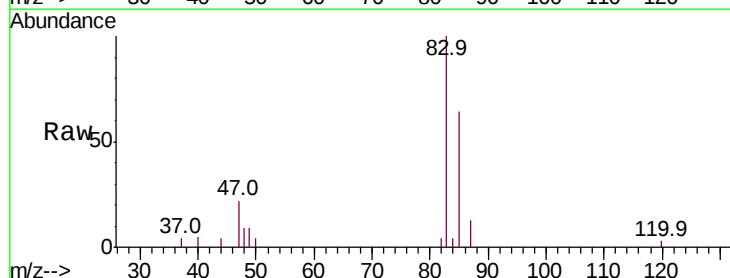
Acq: 23 Jul 2019 23:30

Tgt Ion: 83 Resp: 17417

Ion Ratio Lower Upper

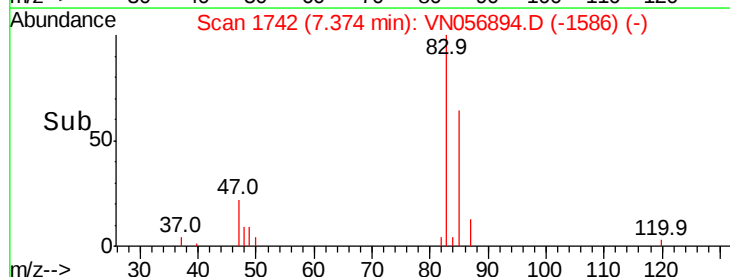
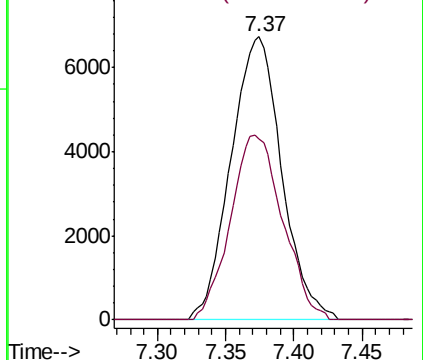
83 100

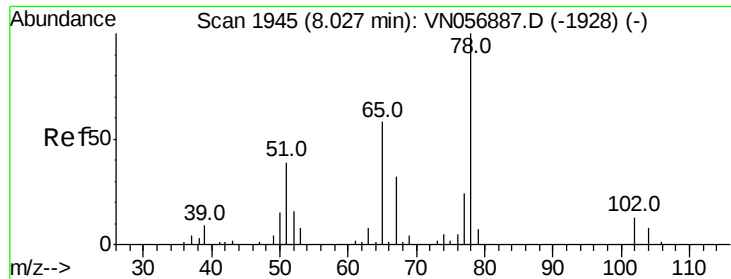
85 64.1 53.1 79.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 31.650 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056894.D

Acq: 23 Jul 2019 23:30

Instrument :

MSVOA_N

ClientSampleId :

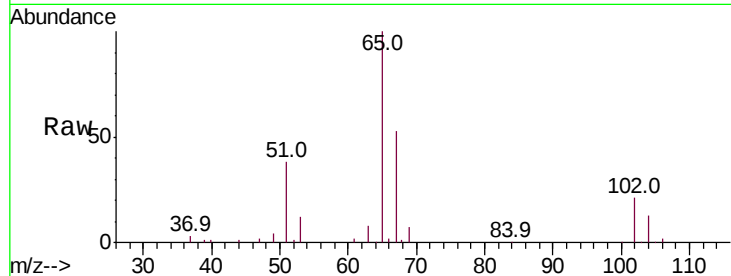
TRIP-BLANK

Tot Ion: 65 Resp: 117881

Ion Ratio Lower Upper

65 100

67 54.4 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN056887.D (-1928) (-)

Ion 67.00 (66.70 to 67.70): VN056887.D (-1928) (-)

8.03

60000

50000

40000

30000

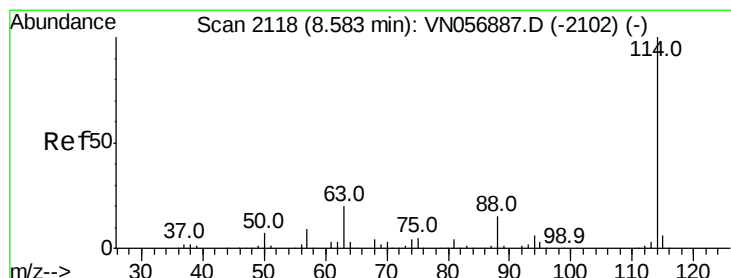
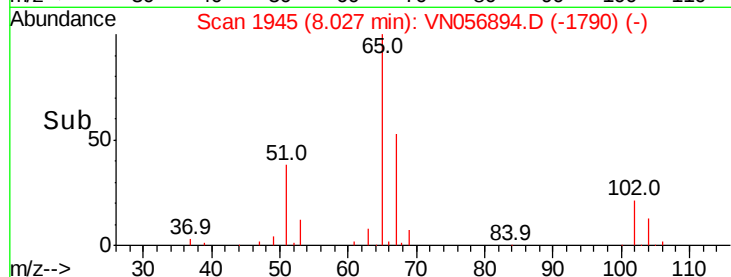
20000

10000

0

7.95 8.00 8.05 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056894.D

Acq: 23 Jul 2019 23:30

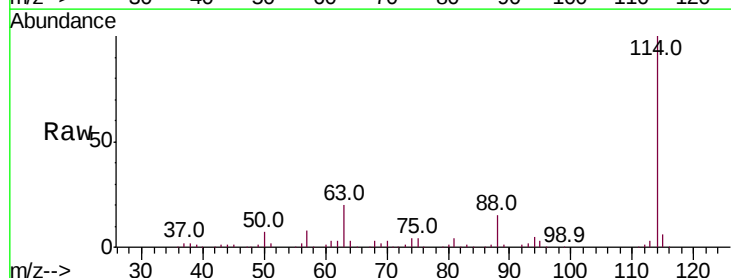
Tgt Ion: 114 Resp: 307555

Ion Ratio Lower Upper

114 100

63 19.6 15.8 23.6

88 15.0 12.5 18.7



Abundance Ion 114.00 (113.70 to 114.70): VN056887.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN056887.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN056887.D (-2102) (-)

8.58

200000

150000

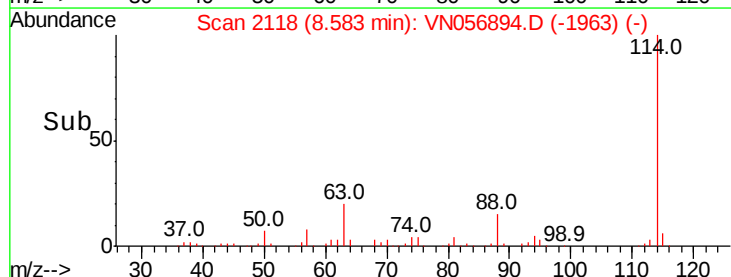
100000

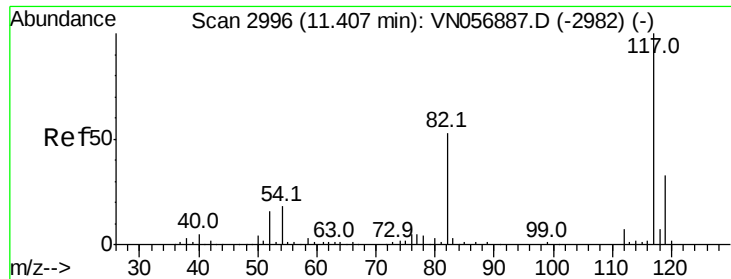
50000

0

8.50 8.55 8.60 8.65

Time-->

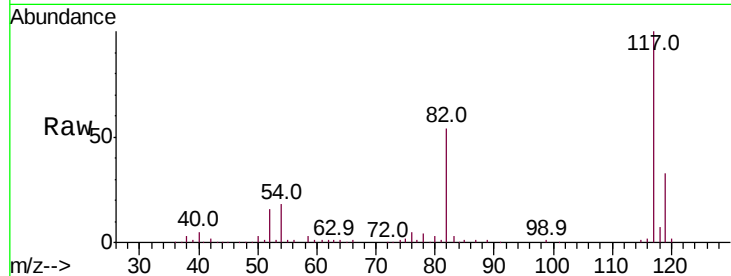




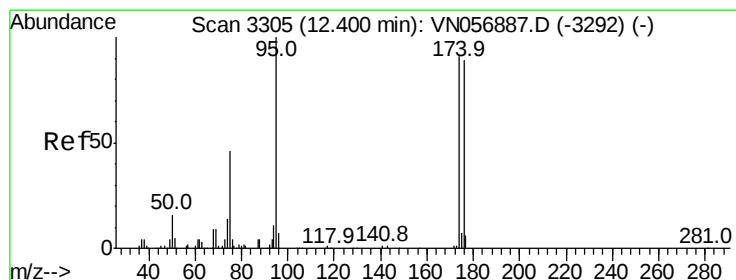
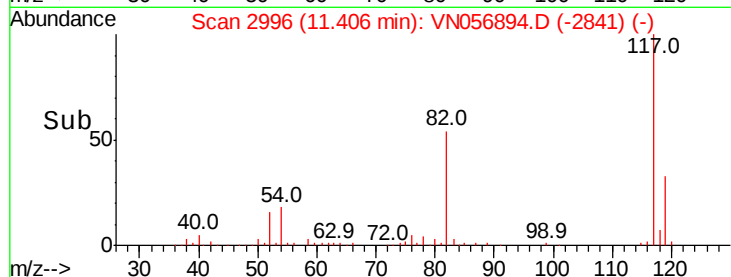
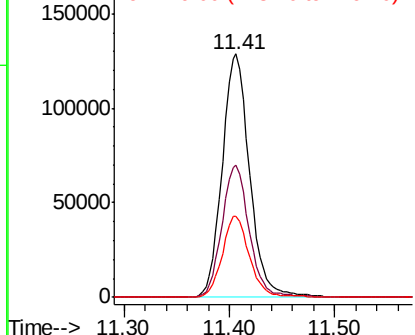
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056894.D
Acq: 23 Jul 2019 23:30

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 231877
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.9 26.2 39.2

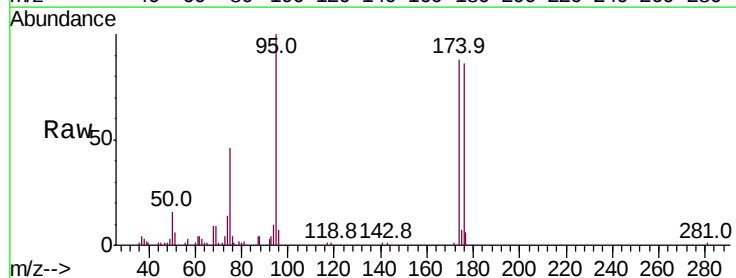


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

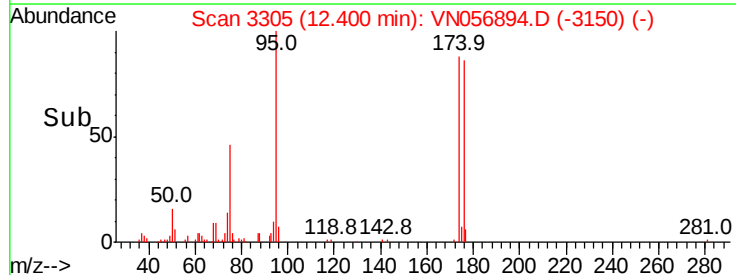
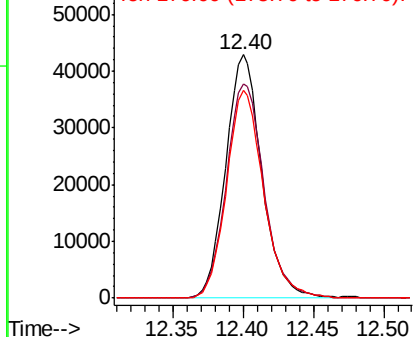


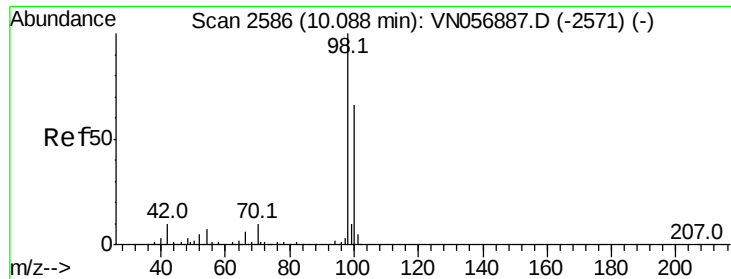
#60
4-Bromofluorobenzene
Concen: 22.150 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056894.D
Acq: 23 Jul 2019 23:30

Tgt Ion: 95 Resp: 76980
Ion Ratio Lower Upper
95 100
174 91.7 71.9 107.9
176 87.4 69.8 104.8



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: 32.616 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056894.D

Acq: 23 Jul 2019 23:30

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

Tot Ion: 98 Resp: 357257

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.2

