

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056895.D
 Acq On : 23 Jul 2019 23:54
 Operator : JC/SP
 Sample : K3969-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 24 11:32:06 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	55186	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	285878	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	223882	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	110219	30.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.73%
60) 4-Bromofluorobenzene	12.40	95	71918	21.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	71.43%
63) Toluene-d8	10.09	98	339547	32.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.03%

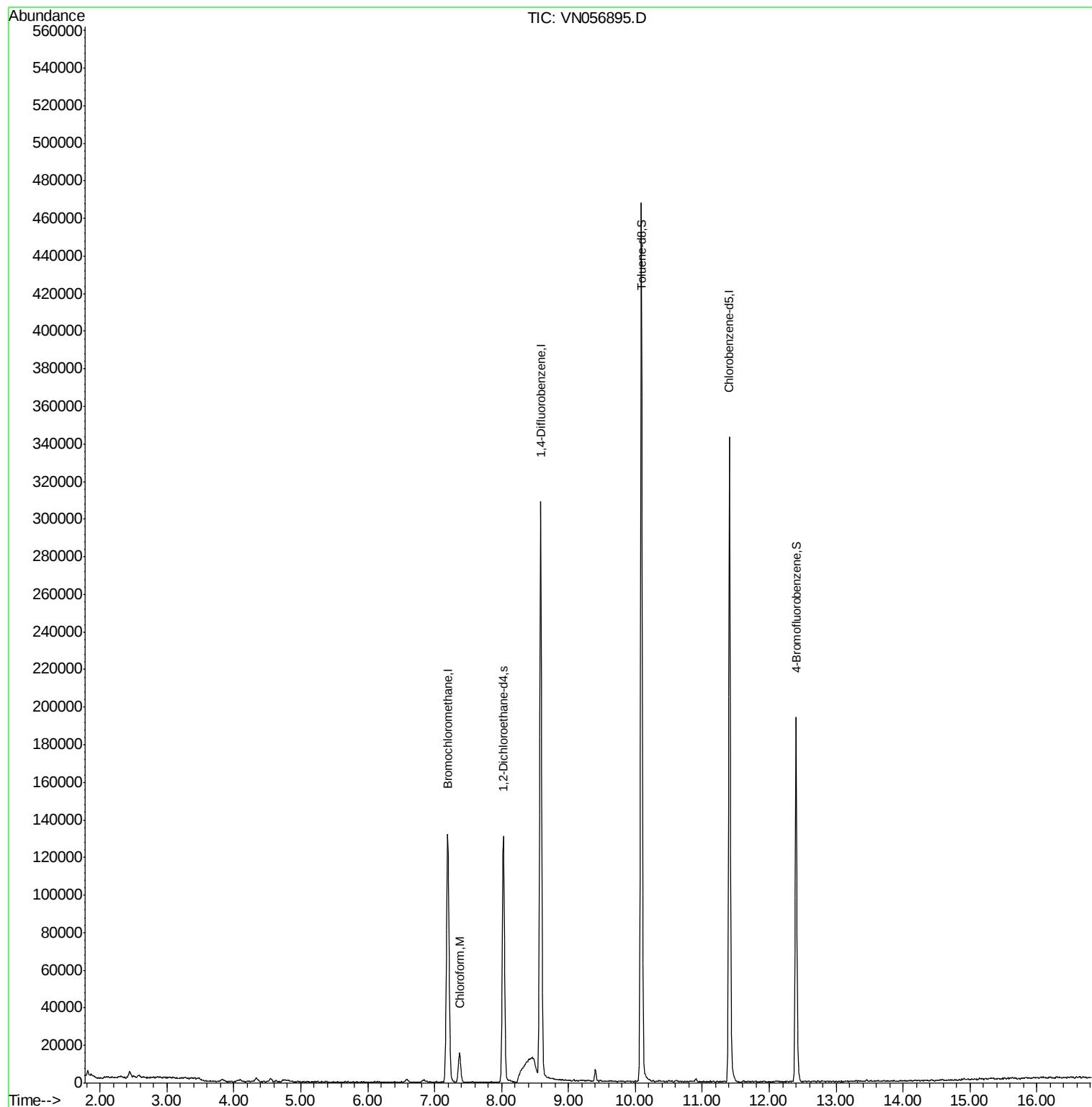
Target Compounds					Ovalue
25) Chloroform	7.37	83	17175	3.026 ug/l	96

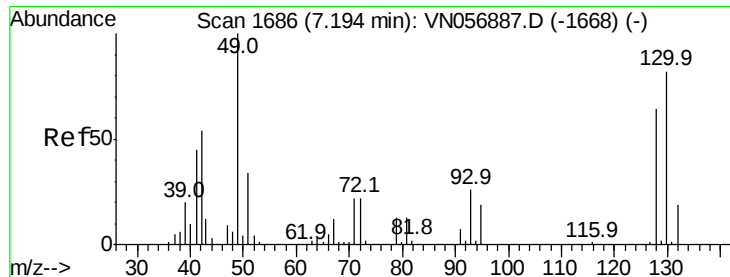
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

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Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

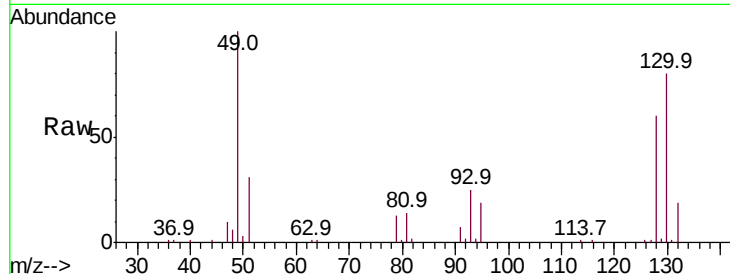
Tot Ion:128 Resp: 55186

Ion Ratio Lower Upper

128 100

49 156.5 0.0 385.8

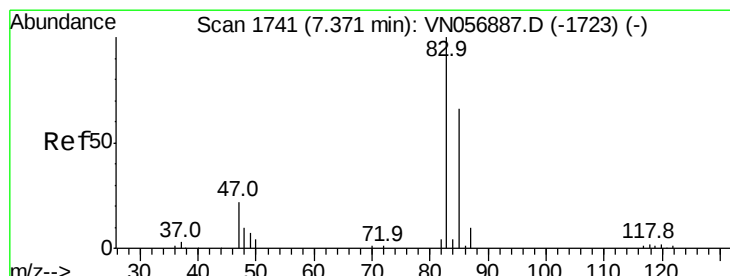
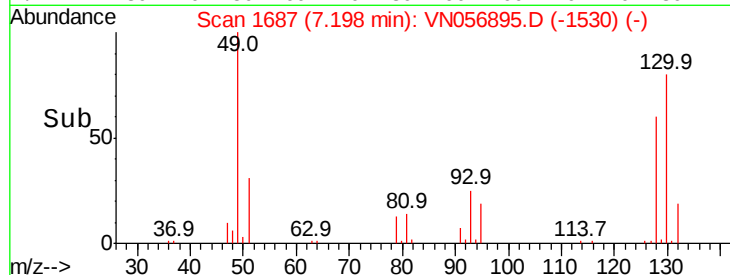
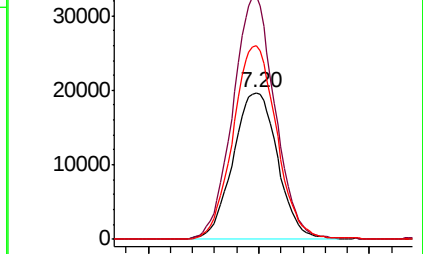
130 128.8 0.0 322.5



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: 3.026 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN056895.D

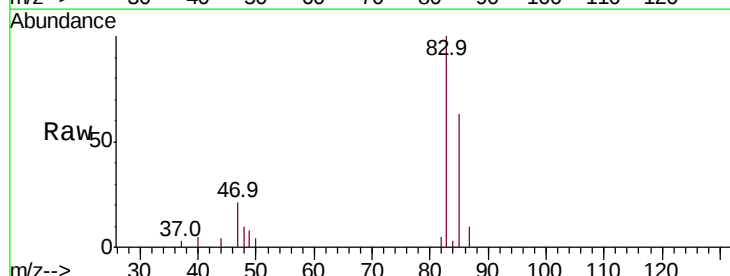
Acq: 23 Jul 2019 23:54

Tgt Ion: 83 Resp: 17175

Ion Ratio Lower Upper

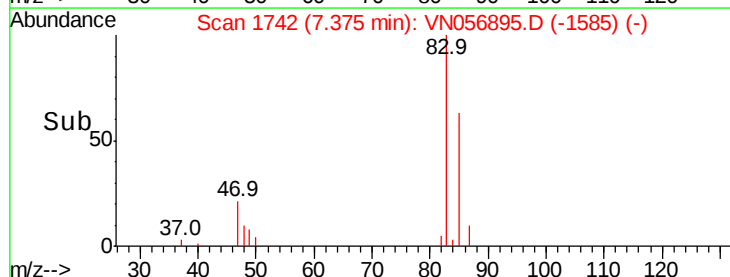
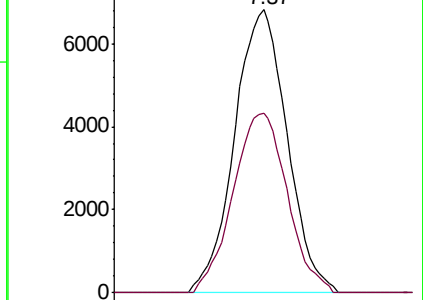
83 100

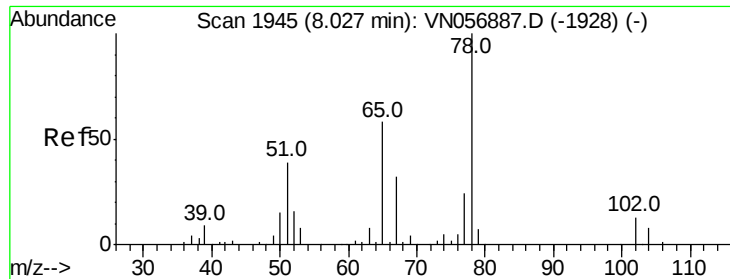
85 63.5 53.1 79.7



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: 30.518 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056895.D

Acq: 23 Jul 2019 23:54

Instrument :

MSVOA_N

ClientSampleId :

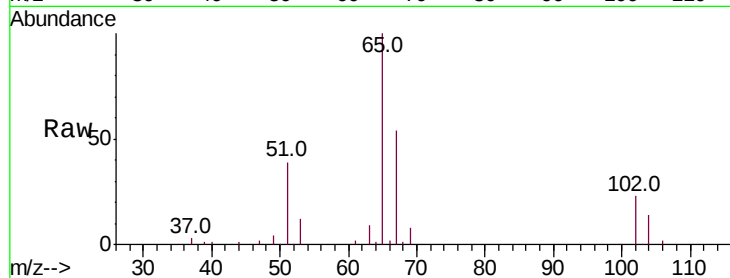
TRIP-BLANK

Tot Ion: 65 Resp: 110219

Ion Ratio Lower Upper

65 100

67 55.5 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

50000

40000

30000

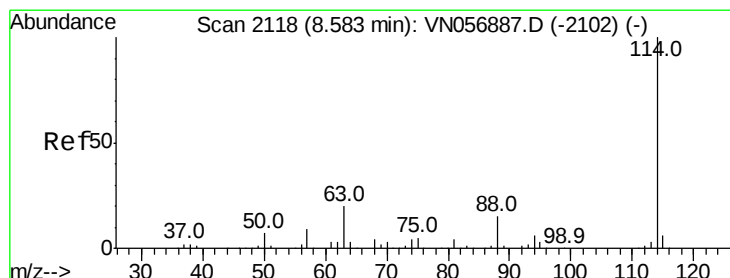
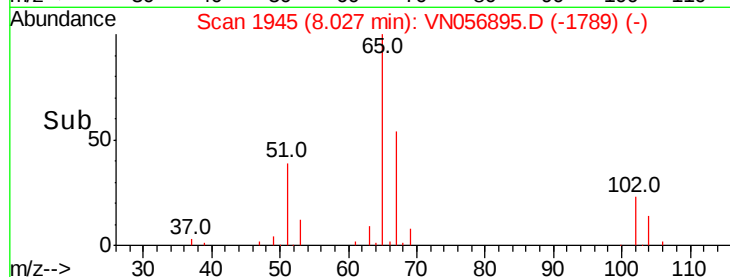
20000

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: VN056895.D

Acq: 23 Jul 2019 23:54

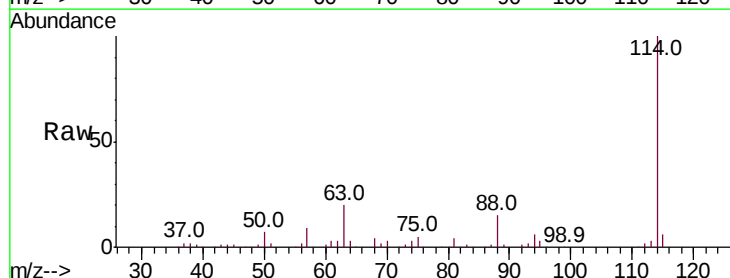
Tgt Ion: 114 Resp: 285878

Ion Ratio Lower Upper

114 100

63 19.6 15.8 23.6

88 15.4 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

150000

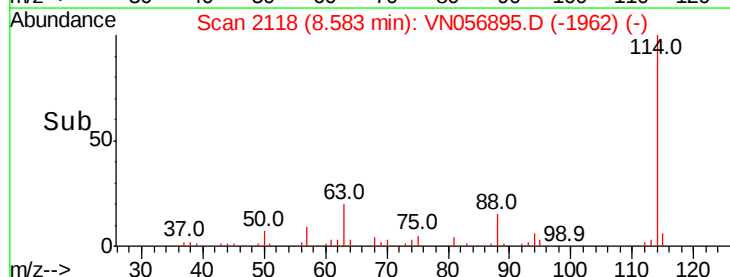
100000

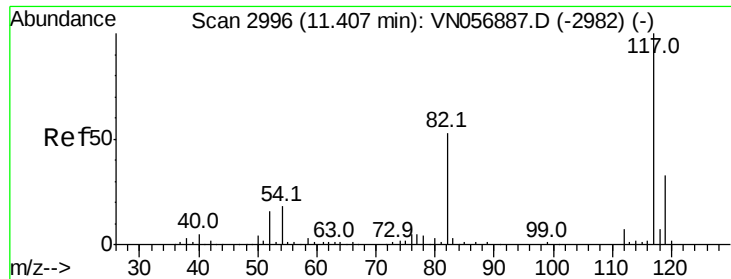
50000

0

8.50 8.55 8.60 8.65

Time-->

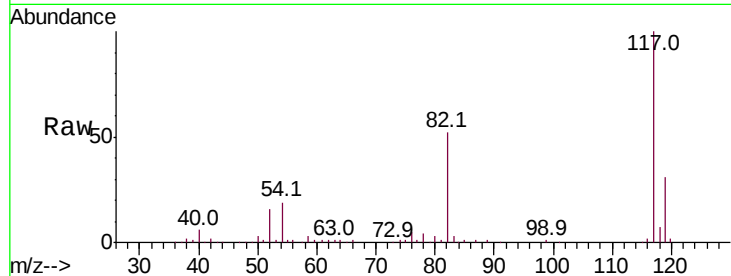




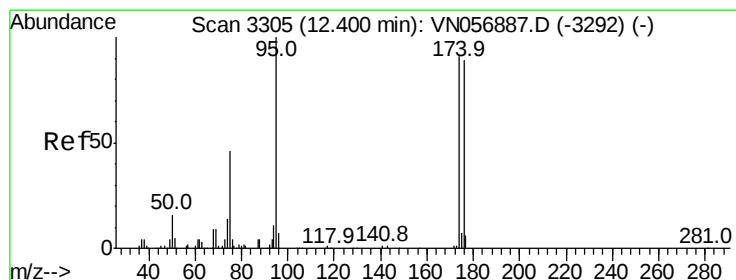
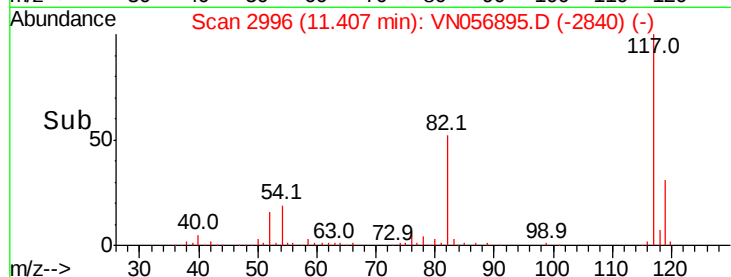
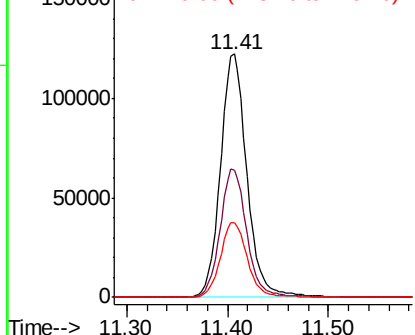
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056895.D
Acq: 23 Jul 2019 23:54

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 223882
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.7 26.2 39.2

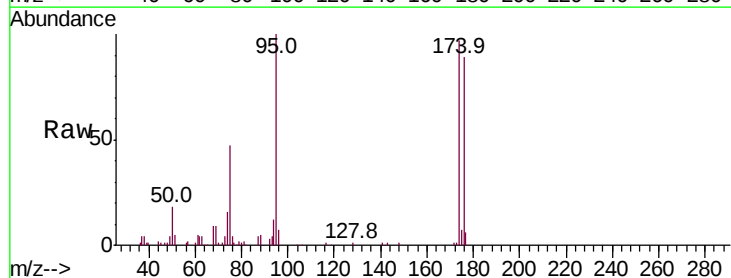


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

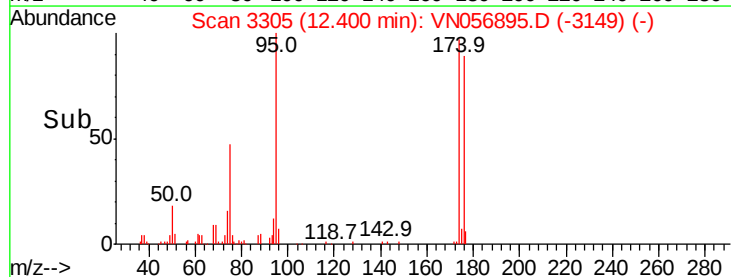
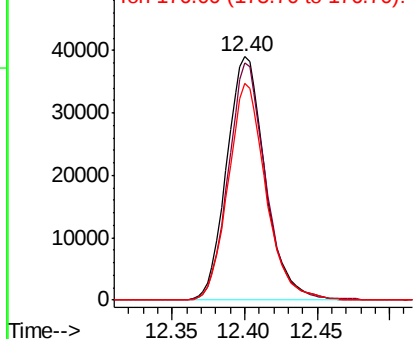


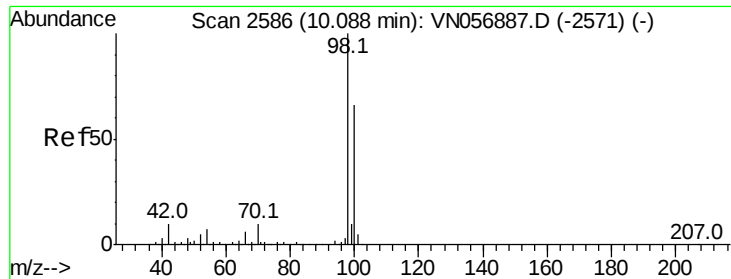
#60
4-Bromofluorobenzene
Concen: 21.433 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056895.D
Acq: 23 Jul 2019 23:54

Tgt Ion: 95 Resp: 71918
Ion Ratio Lower Upper
95 100
174 93.9 71.9 107.9
176 86.7 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: 32.107 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056895.D

Acq: 23 Jul 2019 23:54

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

Tot Ion: 98 Resp: 339547

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2

