

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063038.D
 Acq On : 20 Aug 2020 16:00
 Operator : JC/MD
 Sample : L3766-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200819055-01-TRIP-BLANK

Quant Time: Aug 21 06:08:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	30528	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	147648	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	136372	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	66789	30.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.93%
60) 4-Bromofluorobenzene	12.38	95	49282	22.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	76.23%
63) Toluene-d8	10.06	98	182478	29.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.20%

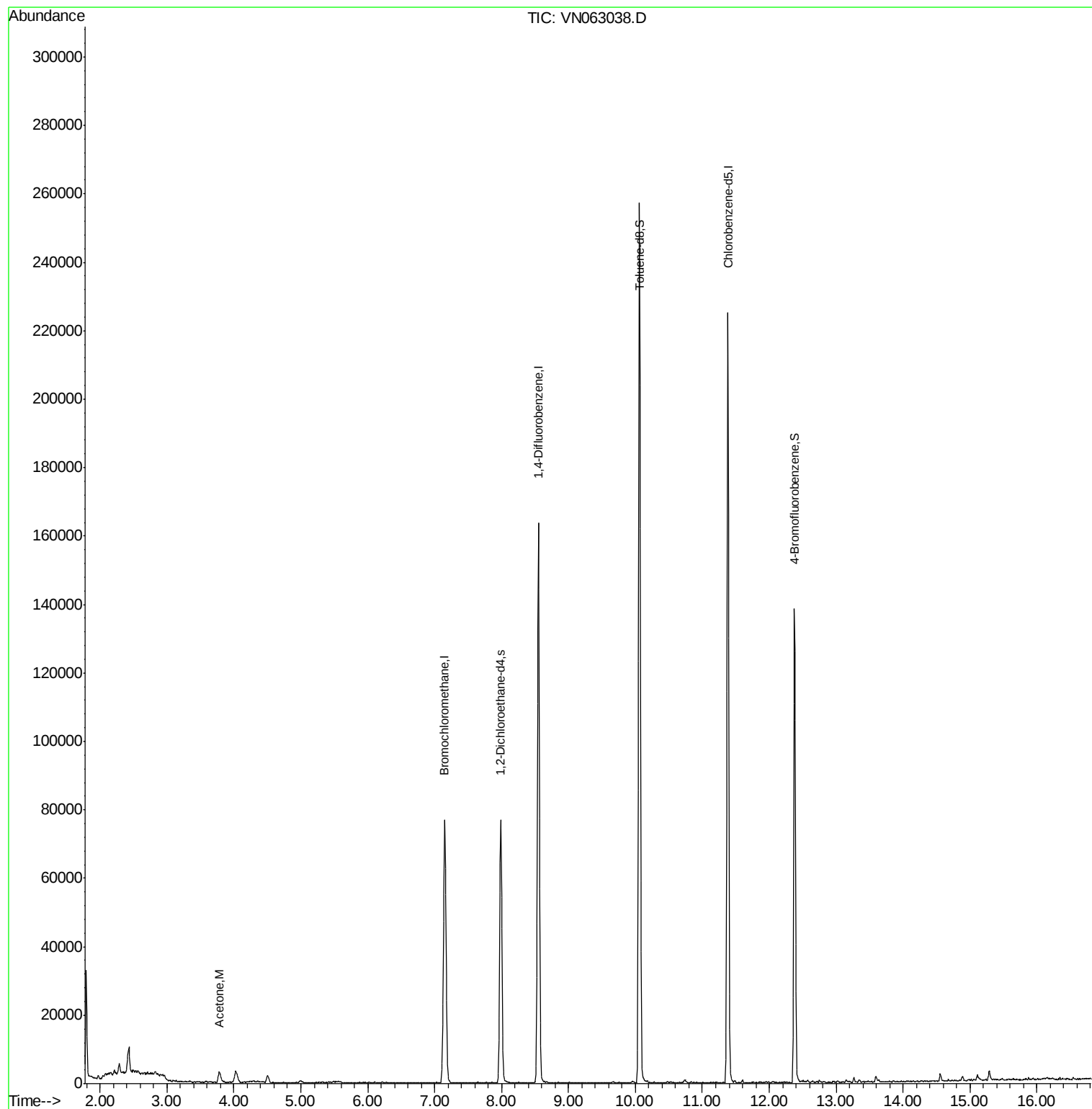
Target Compounds					Ovalue
15) Acetone	3.78	58	1951	8.107 ug/l	# 66

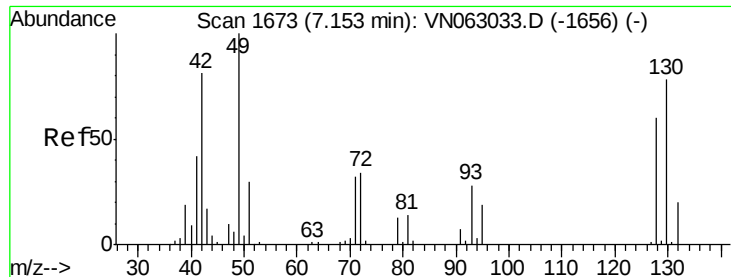
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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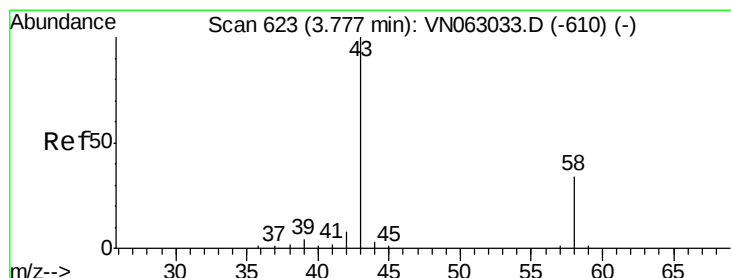
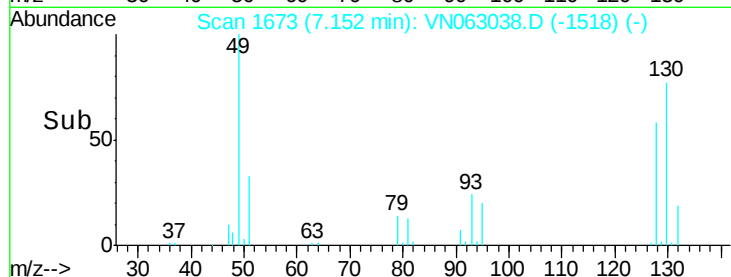
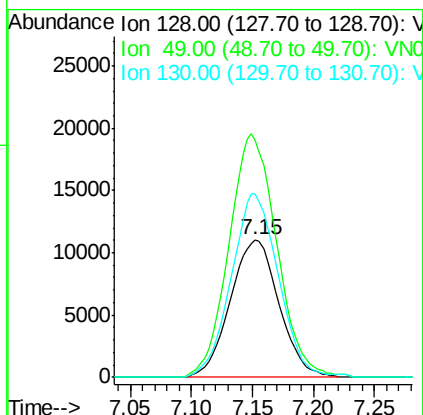
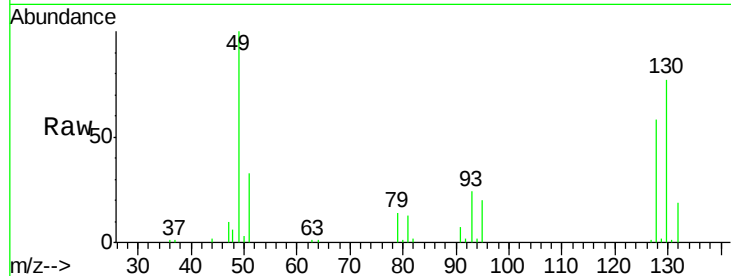




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: VN063038.D
 Acq: 20 Aug 2020 16:00

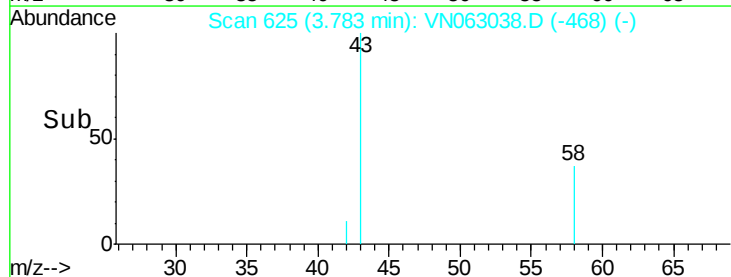
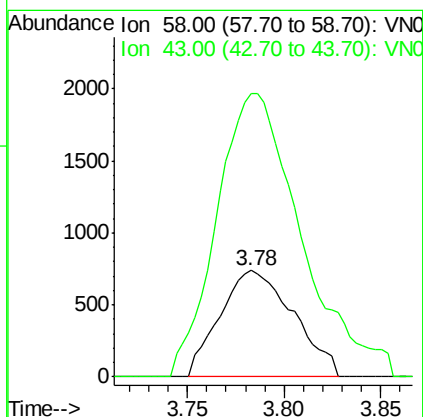
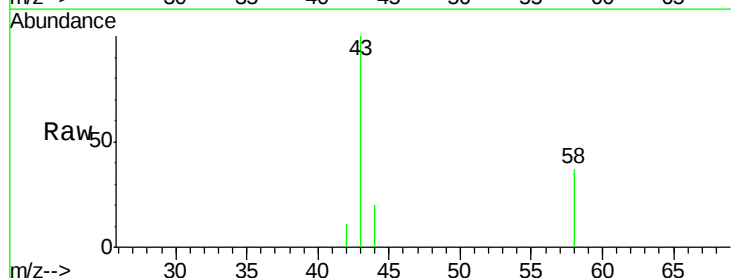
Instrument :
 MSVOA_N
 ClientSampleId :
 200819055-01-TRIP-BLANK

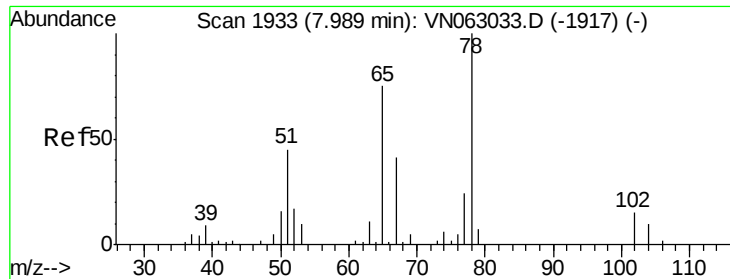
Tot Ion:128 Resp: 30528
 Ion Ratio Lower Upper
 128 100
 49 173.9 0.0 437.5
 130 129.4 0.0 327.3



#15
 Acetone
 Concen: 8.107 ug/l
 RT: 3.78 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: VN063038.D
 Acq: 20 Aug 2020 16:00

Tgt Ion: 58 Resp: 1951
 Ion Ratio Lower Upper
 58 100
 43 225.2 233.2 349.8#





#27

1,2-Dichloroethane-d4

Concen: 30.878 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063038.D

Acq: 20 Aug 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

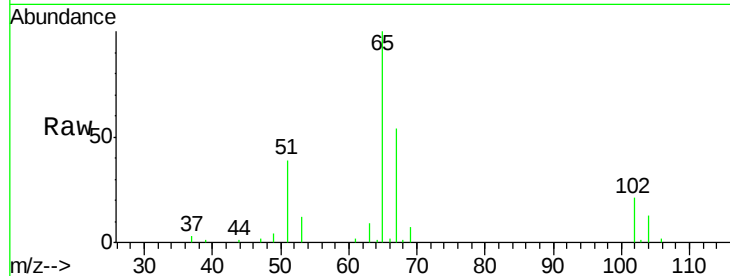
200819055-01-TRIP-BLANK

Tot Ion: 65 Resp: 66789

Ion Ratio Lower Upper

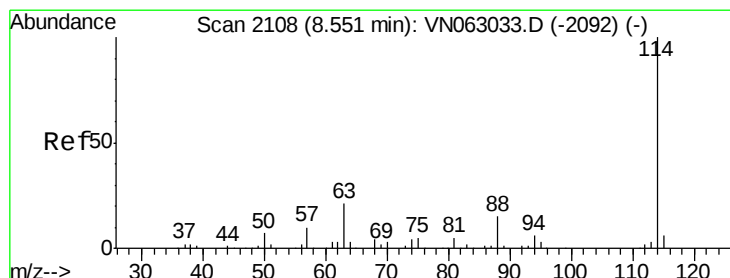
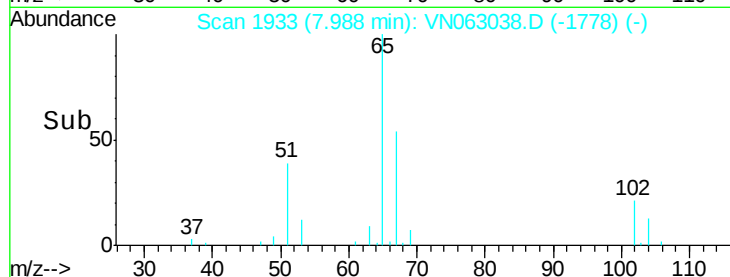
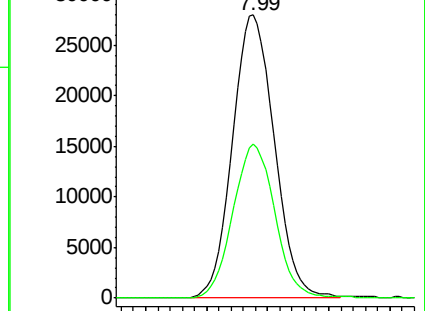
65 100

67 54.2 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN063038.D (-1917) (-)

Ion 67.00 (66.70 to 67.70): VN063038.D (-1917) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN063038.D

Acq: 20 Aug 2020 16:00

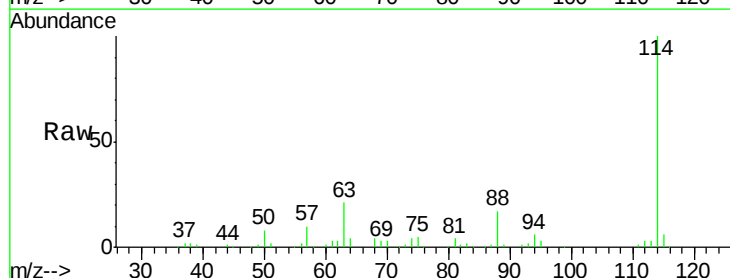
Tgt Ion: 114 Resp: 147648

Ion Ratio Lower Upper

114 100

63 21.0 17.0 25.6

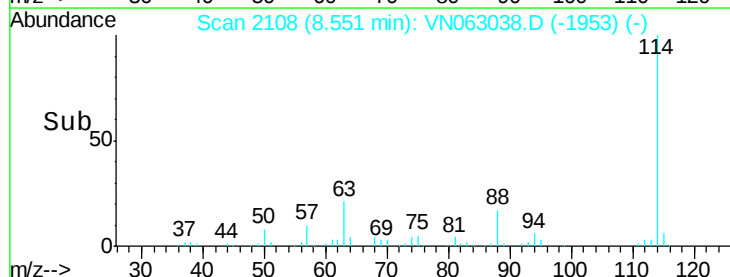
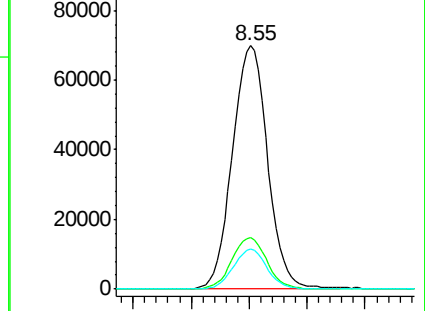
88 15.5 12.6 18.8

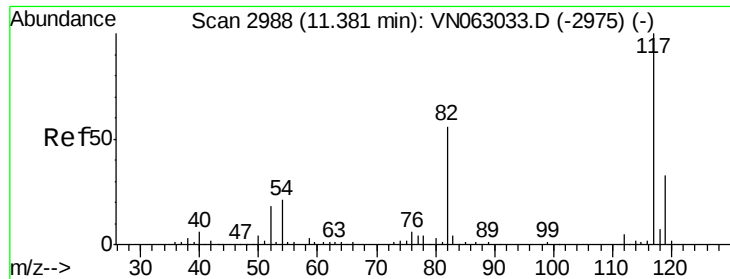


Abundance Ion 114.00 (113.70 to 114.70): VN063038.D (-2092) (-)

Ion 63.00 (62.70 to 63.70): VN063038.D (-2092) (-)

Ion 88.00 (87.70 to 88.70): VN063038.D (-2092) (-)

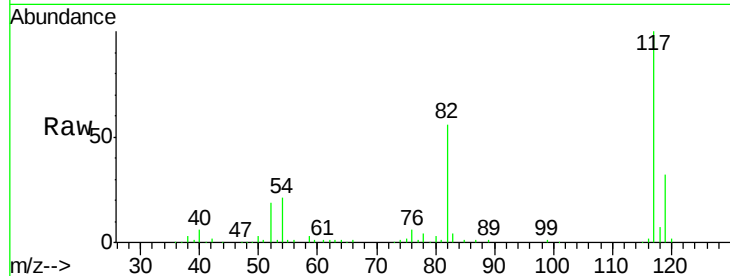




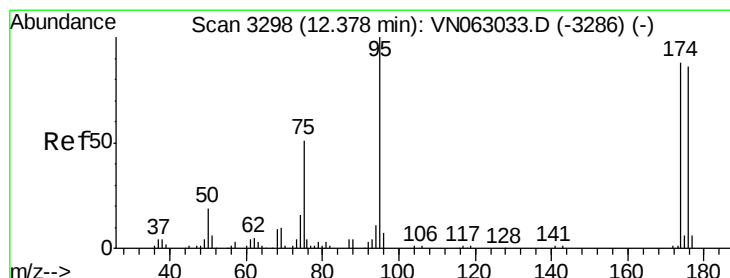
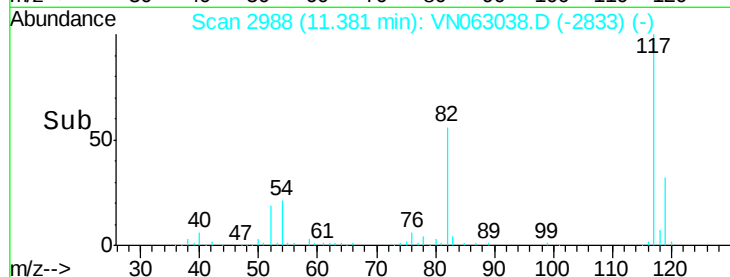
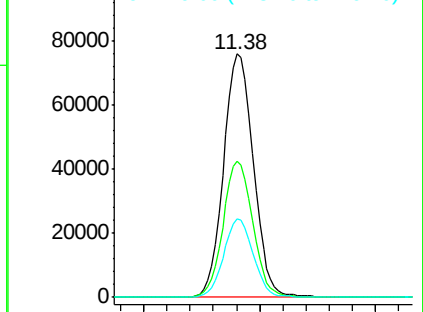
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063038.D
Acq: 20 Aug 2020 16:00

Instrument :
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ClientSampleId :
200819055-01-TRIP-BLANK

Tot Ion:117 Resp: 136372
Ion Ratio Lower Upper
117 100
82 55.5 44.9 67.3
119 31.7 26.0 39.0

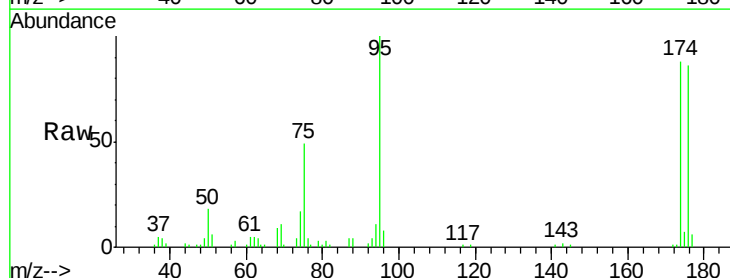


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

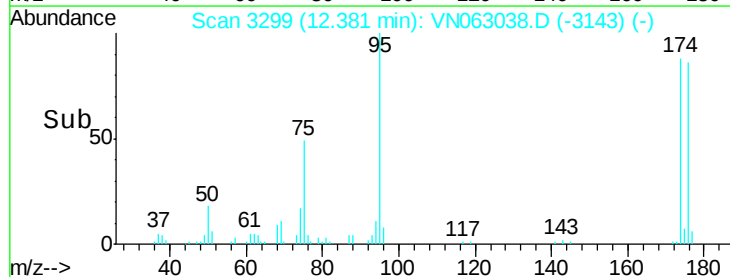
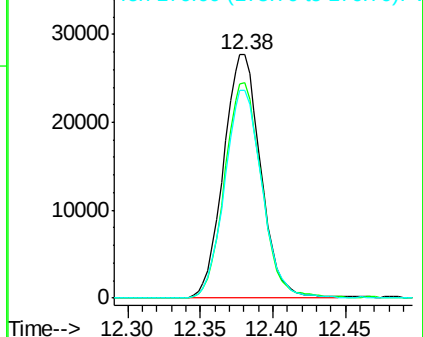


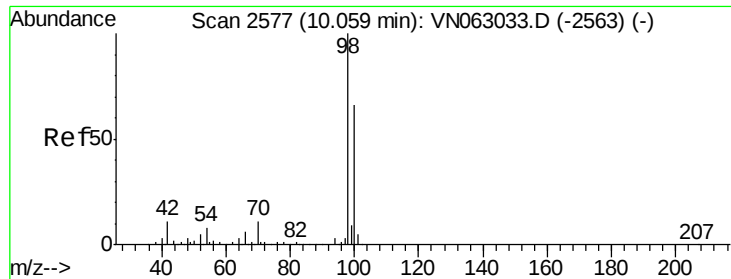
#60
4-Bromofluorobenzene
Concen: 22.869 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.00 min
Lab File: VN063038.D
Acq: 20 Aug 2020 16:00

Tgt Ion: 95 Resp: 49282
Ion Ratio Lower Upper
95 100
174 87.5 70.1 105.1
176 85.5 66.8 100.2



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





#63
Toluene-d8
Concen: 29.156 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063038.D
Acq: 20 Aug 2020 16:00

Instrument :
MSVOA_N
ClientSampleId :
200819055-01-TRIP-BLANK

Tot Ion: 98 Resp: 182478
Ion Ratio Lower Upper
98 100
100 62.9 51.4 77.2

